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## **AGENDA**

### **CALL TO ORDER – ROLL CALL**

### **PLEDGE OF ALLEGIANCE**

### **APPROVAL OF AGENDA**

- A. Mayor Appointment** Mayor Pro-Tem Mike Oberbroeckling

### **ORAL COMMENTS**

- B. Agenda items** (*step to podium after recognition, state name, address, speak clearly – 5 minutes maximum*)
- C. Non-agenda items** (*step to podium after recognition, state name, address, speak clearly – 5 minutes maximum*)

### **APPROVAL OF CONSENT AGENDA**

- 1. Approve Bills**
- 2. Approve Receipts** - August, 2023
- 3. Approve Minutes** City Council Meeting - September 18, 2023
- 4. Approve Minutes** Board of Adjustment Meeting - September 20, 2023
- 5. Authorize City Administrator to Sign** Contract with Access Systems for copier lease.
- 6. Request** from Brown's Hometown Victory Foundation to host a Friday the 13th Halloween event on October 13, 2023. They would like to use the smaller soccer field near the playground equipment for the event. The event would run from 3:30pm-10pm.
- 7. Receive & File** Bi-County Ambulance rent effective October 1, 2023 - \$1,300.14 (3% increase)
- 8. Receive & File** Treasurer's Report - August 2023
- 9. Receive & File** Revenue & Expense Report - August 2023
- 10. Miscellaneous Correspondence** ECIA Spotlight - September 2023
- 11. Miscellaneous Correspondence** Greater Dubuque Development Corporation - September 2023
- 12. Miscellaneous Correspondence** Keep Iowa Beautiful - September 2023



## ACTION ITEMS

- 13. Presentation** by Speer Financial Presentation – Maggie Burger will be giving a presentation regarding the TIF report
- 14. Resolution No. 62-23** awarding and approving a contract for 20 West Industrial Center Phase 3 Contract C-Culvert Project
- 15. Resolution No. 63-23** approving an agreement for Engineering Services between the City Dyersville and HDR Engineering, Inc. for 2024 RAISE Grant Preparation and Submittal for the 12th Ave SW and 13th Ave SE Connector Over North Fork Maquoketa River Project
- 16. Resolution No. 64-23** approving an agreement for Engineering Services between the City Dyersville and WHKS and Company for 2024 RAISE Grant Preparation and Submittal for the 12th Ave SW and 13th Ave SE Connector Over North Fork Maquoketa River Project
- 17. Resolution No. 65-23** approving a Limited Notice to Proceed Agreement between This is Iowa Ballpark, Inc. and City of Dyersville, and Construction Manager Miron Construction Co., Inc.

## COUNCIL COMMENTS

## ADJOURNMENT





Dyersville, IA

## Expense Approval Register

Item 1.

Packet: APPKT01470 - 10.02.23 Bills List - AP

Vendor Name	Payable Number	Description (Item)	Account Number	Account Name	Amount
<b>Fund: 001 - GENERAL FUND</b>					
<b>Department: 110 - POLICE</b>					
RELiance STANDARD	Oct 2023	Police Insurance	001-5-110-1-61500	GROUP INSURANCE	309.49
SCHROEDER, BRENT C.	09.18.23	911 Interviews - Mileage	001-5-110-1-62300	MEETINGS/TRAINING	40.37
CARQUEST AUTO PARTS	4986-423477	Headlight	001-5-110-1-63320	VEHICLE REPAIRS	4.83
VERIZON WIRELESS	9944640685	Pepwave 2 PD	001-5-110-1-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Captain Cell Phone - 3004	001-5-110-1-63730	TELEPHONE	41.39
VERIZON WIRELESS	9944640685	Pepwave 4 PD	001-5-110-1-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 3 PDS	001-5-110-1-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 1 PD	001-5-110-1-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Modem - 4635	001-5-110-1-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Assist Chief Cell Phone - 2918	001-5-110-1-63730	TELEPHONE	41.39
VERIZON WIRELESS	9944640685	Police Chief Cell Phone - 5804	001-5-110-1-63730	TELEPHONE	52.79
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	001-5-110-1-64080	INSURANCE PREMIUM	35.00
JOHN DEERE FINANCIAL	5589415	Fuses	001-5-110-1-65407	DEPARTMENT SUPPLIES	2.69
STREICHER'S	11654913	Ammo	001-5-110-1-65407	DEPARTMENT SUPPLIES	364.99
RACOM CORPORATION	DB191631	Radio Holder	001-5-110-1-67270	NEW EQUIPMENT	134.16
RACOM CORPORATION	DCSO176330	Radio Mics/Chargers/Clips	001-5-110-1-67270	NEW EQUIPMENT	2,809.00
<b>Department 110 - POLICE Total:</b>					<b>4,036.15</b>
<b>Department: 150 - FIRE</b>					
RACOM CORPORATION	DCSO177852	Radio Chargers/Belt Clips/Mi...	001-5-150-1-62100	DUES/SUBSCRIPTIONS	351.00
SIMON'S FIRE EQUIPMENT &...	0007864	Comp Union/Oil/Repairs	001-5-150-1-63320	VEHICLE REPAIRS	429.35
SIMON'S FIRE EQUIPMENT &...	0007886	Gear Oil/Pumps	001-5-150-1-63320	VEHICLE REPAIRS	312.00
ACCESS SYSTEMS	INV1444086	Copy Machine Contract	001-5-150-1-65407	DEPARTMENT SUPPLIES	78.35
SANDRY FIRE SUPPLY LLC	INV-030386	Lanyards	001-5-150-1-67270	NEW EQUIPMENT	114.00
SANDRY FIRE SUPPLY LLC	INV-030387	Flashlight Retractors	001-5-150-1-67270	NEW EQUIPMENT	440.55
<b>Department 150 - FIRE Total:</b>					<b>1,725.25</b>
<b>Department: 210 - TRANSPORTATION</b>					
RELiance STANDARD	Oct 2023	Public Works Insurance	001-5-210-2-61500	GROUP INSURANCE	9.39
GIANT WASH	3255	Maahs Uniforms	001-5-210-2-61807	MAAHS UNIFORMS	5.57
BIG WHEELS REPAIR LLC	12393	Oil Change/Filters	001-5-210-2-63320	VEHICLE REPAIRS	636.63
HENDERSON TRUCK EQUIPM...	383994	Cylinder	001-5-210-2-63320	VEHICLE REPAIRS	479.49
AUTO TECH	CD091223-T	Hook Fee	001-5-210-2-63320	VEHICLE REPAIRS	170.00
JOHN DEERE FINANCIAL	WD28888	Hydraulic Leak Repair	001-5-210-2-63320	VEHICLE REPAIRS	293.31
VERIZON WIRELESS	9944640685	Pepwave 5 PW	001-5-210-2-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 4 PW	001-5-210-2-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	PW Director Cell Phone - 8775	001-5-210-2-63730	TELEPHONE	46.39
VERIZON WIRELESS	9944640685	PW 8	001-5-210-2-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 1 PW	001-5-210-2-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 6 PW	001-5-210-2-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 7 PW	001-5-210-2-63730	TELEPHONE	40.01
RECKER, TERRY	Jul/Aug/Sep 2023	Cell Phone	001-5-210-2-63730	TELEPHONE	150.00
MAAHS, MICHAEL	Jul/Aug/Sep 2023	Cell Phone Reimbursement	001-5-210-2-63730	TELEPHONE	150.00
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	001-5-210-2-64080	INSURANCE PREMIUM	10.95
MUTUAL WHEEL COMPANY	1786983	Bracket & Light Bar	001-5-210-2-65407	DEPARTMENT SUPPLIES	633.86
JOHN DEERE FINANCIAL	5586100	Trash Bags	001-5-210-2-65407	DEPARTMENT SUPPLIES	14.99
NAVISTAR BMO HARRIS BANK	88445866	Public Works Truck Lease	001-5-210-2-67270	NEW EQUIPMENT	2,588.66
RIVER CITY PAVING	4300022863	Street Paving/Resurfacing	001-5-210-2-67618	STREET RECONSTRUCTION	137,652.22
<b>Department 210 - TRANSPORTATION Total:</b>					<b>143,081.52</b>
<b>Department: 410 - LIBRARY</b>					
RELiance STANDARD	Oct 2023	Library Insurance	001-5-410-4-61500	GROUP INSURANCE	108.39
GIANT WASH	3255	Floor Mats - Library	001-5-410-4-63750	MAINTENANCE	5.09



## Expense Approval Register

Packet: APPKT01470 - 10.02.2

Item 1.

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Vendor Name	Payable Number	Description (Item)	Account Number	Account Name	Amount
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	001-5-410-4-64080	INSURANCE PREMIUM	15.00
<b>Department 410 - LIBRARY Total:</b>					<b>128.48</b>

**Department: 430 - PARKS**

RELiance STANDARD	Oct 2023	Parks Insurance	001-5-430-4-61500	GROUP INSURANCE	25.30
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	001-5-430-4-64080	INSURANCE PREMIUM	2.50
HEFEL PORTABLE SERVICES L...	3069	Portable Restrooms	001-5-430-4-64322	CONTRACTED SERVICES	1,032.00
BRUNSMAN, SHAWN	09.09.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	30.00
ROLING, STEVEN	09.16.2023	Umpire Fees	001-5-430-4-64323	COACHES/UMPIRES	107.50
KRUSE, HAILEY	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	75.00
DA SILVA, PEYTON	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	30.00
HAGEMAN, CARTER	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	35.00
HAGEMAN, BRODY	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	60.00
WOLF, RUSS	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	157.50
WERNER, RON	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	142.50
PRY, JUSTIN	09.16.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	45.00
NIEMAN, TIM	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	120.00
ROLING, ANDREW	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	85.00
NABER, MATT	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	105.00
HAGEMAN, CARTER	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	75.00
NOSBISCH, LYNN	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	75.00
HAGEMAN, BRODY	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	72.50
WOLF, JERRY	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	122.50
WOLF, RUSS	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	90.00
WERNER, RON	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	82.50
BRUNSMAN, SHAWN	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	72.50
DA SILVA, PEYTON	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	20.00
KRUSE, HAILEY	09.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	75.00
NOSBISCH, LYNN	09162023	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	135.00
NIEMAN, TIM	09162023	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	150.00
ROLING, ANDREW	09162023	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	112.50
ROLING, STEVEN	9.23.23	Referee Fees	001-5-430-4-64323	COACHES/UMPIRES	70.00
SHERWIN-WILLIAMS	7832-1	Pump Protectors	001-5-430-4-65407	DEPARTMENT SUPPLIES	38.37
DIAMOND VOGEL	221159025	Soccer Field Paint	001-5-430-4-65409	SOCCER PROGRAM SUPPLIES	366.00
WHITE CAP LP	50023805685	Grout - Legacy Square	001-5-430-4-67274	CAPITAL IMPROVEMENTS/E...	23.42
JOHN DEERE FINANCIAL	5589793	Sanding Sponge/Paint - Lega...	001-5-430-4-67274	CAPITAL IMPROVEMENTS/E...	18.67
<b>Department 430 - PARKS Total:</b>					<b>3,651.26</b>

**Department: 445 - AQUATIC CENTER**

RELiance STANDARD	Oct 2023	Pool Insurance	001-5-445-4-61500	GROUP INSURANCE	25.30
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	001-5-445-4-64080	INSURANCE PREMIUM	2.50
<b>Department 445 - AQUATIC CENTER Total:</b>					<b>27.80</b>

**Department: 460 - COMMUNITY CENTER**

TJ CLEANING SERVICES	09.21.23 Soc Ctr	Cleaning Services Wk of 9/15..	001-5-460-4-64322	CONTRACTED SERVICES	190.00
TJ CLEANING SERVICES	09.28.23 Soc Ctr	Cleaning Services Wk of 9/22 ..	001-5-460-4-64322	CONTRACTED SERVICES	150.00
PRIER BROS INC	25431	AC Freon/New Water Heater	001-5-460-4-64322	CONTRACTED SERVICES	3,336.39
GIANT WASH	3255	Floor Mats - Social Center	001-5-460-4-64322	CONTRACTED SERVICES	5.09
PREMIER WINDOW CLEANING	7319	Window Cleaning	001-5-460-4-64322	CONTRACTED SERVICES	90.00
ACE HOMEWORKS	255303	US Flag / Clips	001-5-460-4-65407	DEPARTMENT SUPPLIES	36.20
ACE HOMEWORKS	255347	Mop & Refill	001-5-460-4-65407	DEPARTMENT SUPPLIES	29.01
<b>Department 460 - COMMUNITY CENTER Total:</b>					<b>3,836.69</b>

**Department: 470 - OTHER CULTURE**

JUMBO VISUAL PROJECTION	09.2023	Video Recording	001-5-470-4-65400	NEW CABLE EQUIPMENT	300.00
<b>Department 470 - OTHER CULTURE Total:</b>					<b>300.00</b>

**Department: 610 - MAYOR, COUNCIL & CITY ADM**

RELiance STANDARD	Oct 2023	P & A Insurance	001-5-610-6-61500	GROUP INSURANCE	45.32
<b>Department 610 - MAYOR, COUNCIL &amp; CITY ADM Total:</b>					<b>45.32</b>

**Department: 620 - CLERK, TREAS & FINANCE**

RELiance STANDARD	Oct 2023	Mayor/Council Insurance	001-5-620-6-61500	GROUP INSURANCE	9.43
MAIERS, TRICIA	09.14.23	Batteries/Alum Foil/Storage ...	001-5-620-6-65060	OFFICE SUPPLIES	15.20



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Vendor Name	Payable Number	Description (Item)	Account Number	Account Name	Amount
QUILL CORPORATION	34465108	Insertable Index Tabs	001-5-620-6-65060	OFFICE SUPPLIES	24.21
Department 620 - CLERK, TREAS & FINANCE Total:					48.84
Department: 650 - CITY HALL & GEN BLDGS					
TJ CLEANING SERVICES	09.21.23 City	Cleaning Services Wk of 9/15 ..	001-5-650-6-63100	BUILDING MAINTENANCE	200.00
TJ CLEANING SERVICES	09.28.23 City	Cleaning Services Wk of 9/22 ..	001-5-650-6-63100	BUILDING MAINTENANCE	200.00
ACE HOMEWORKS	255346	Cleaning Supplies	001-5-650-6-63100	BUILDING MAINTENANCE	64.13
GIANT WASH	3255	Floor Mats - City Hall	001-5-650-6-63100	BUILDING MAINTENANCE	11.69
PREMIER WINDOW CLEANING	7320	Window Cleaning	001-5-650-6-63100	BUILDING MAINTENANCE	60.00
VERIZON WIRELESS	9944640685	City 3440	001-5-650-6-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	City Clerk Cell Phone - 4040	001-5-650-6-63730	TELEPHONE	46.39
VERIZON WIRELESS	9944640685	City 0416	001-5-650-6-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Michel - 3568	001-5-650-6-63730	TELEPHONE	11.25
VERIZON WIRELESS	9944640685	Administrator Cell Phone - 4...	001-5-650-6-63730	TELEPHONE	46.39
Department 650 - CITY HALL & GEN BLDGS Total:					719.87
Department: 660 - TORT LIABILITY					
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	001-5-660-6-64080	INSURANCE PREMIUM	1.75
Department 660 - TORT LIABILITY Total:					1.75
Department: 670 - OTHER GENERAL GOVT					
ASCAP - AMERICAN SOCIETY...	09.2023	License Fee	001-5-670-6-62100	DUES/SUBSCRIPTIONS	442.50
OPG-3 INC	7148	Laserfiche Software Renewal	001-5-670-6-62100	DUES/SUBSCRIPTIONS	5,710.00
MAIERS, TRICIA	09.16.23	IMFOA Board Meeting - Mile...	001-5-670-6-62300	MEETINGS/TRAINING	36.68
MAIERS, TRICIA	09.19.23	Dbq Co Clerk Meeting - Mile...	001-5-670-6-62300	MEETINGS/TRAINING	35.37
MAIERS, TRICIA	09.22.23	IA League Conf - Meals/Mile...	001-5-670-6-62300	MEETINGS/TRAINING	134.01
Department 670 - OTHER GENERAL GOVT Total:					6,358.56
Fund 001 - GENERAL FUND Total:					163,961.49
Fund: 110 - ROAD USE FUND					
Department: 210 - TRANSPORTATION					
RELIANCE STANDARD	Oct 2023	Public Works Insurance	110-5-210-2-61500	GROUP INSURANCE	84.70
Department 210 - TRANSPORTATION Total:					84.70
Fund 110 - ROAD USE FUND Total:					84.70
Fund: 112 - TRUST AND AGENCY FUND					
Department: 460 - COMMUNITY CENTER					
THIER, KRISTA	05.24.24	Social Center Refund	112-5-460-4-64811	SOCIAL CENTER DEPOSIT RE...	250.00
LUECK, LYNN	09.16.23	Social Center Refund	112-5-460-4-64811	SOCIAL CENTER DEPOSIT RE...	100.00
PASKER, KARA & JOEY	09.17.23	Social Center Refund	112-5-460-4-64811	SOCIAL CENTER DEPOSIT RE...	100.00
KOEHN, GRACE	09.23.23	Social Center Refund	112-5-460-4-64811	SOCIAL CENTER DEPOSIT RE...	100.00
Department 460 - COMMUNITY CENTER Total:					550.00
Fund 112 - TRUST AND AGENCY FUND Total:					550.00
Fund: 128 - CDBG					
Department: 958 - CAPITAL OUTLAY					
JAM SYSTEMS & MIDLAND D...	117025	Astragal Moulding	128-5-958-1-68014	ARPA	76.75
Department 958 - CAPITAL OUTLAY Total:					76.75
Fund 128 - CDBG Total:					76.75
Fund: 135 - DYERSVILLE TIF DIST FUND					
Department: 700 - DEBT SERVICE					
ENGINEERING SERVICES & P...	52-18 2023	Tax Rebate	135-5-700-5-68018	TAX REBATE	83,345.07
Department 700 - DEBT SERVICE Total:					83,345.07
Fund 135 - DYERSVILLE TIF DIST FUND Total:					83,345.07
Fund: 301 - CAPITAL PROJECTS FUND					
Department: 723 - CAPITAL PROJECT					
WHKS & CO	49259	1st Ave Bridge - Tech Services	301-5-723-8-64063	ENGINEERS FEES	2,517.01
Department 723 - CAPITAL PROJECT Total:					2,517.01
Fund 301 - CAPITAL PROJECTS FUND Total:					2,517.01



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Vendor Name	Payable Number	Description (Item)	Account Number	Account Name	Amount
<b>Fund: 600 - WATER FUND</b>					
<b>Department: 810 - WATER</b>					
RELiance STANDARD	Oct 2023	Water Insurance	600-5-810-9-61500	GROUP INSURANCE	85.38
GIANT WASH	3255	Recker Uniforms	600-5-810-9-61809	RECKER UNIFORMS	2.67
GIANT WASH	3255	Herbers Uniforms	600-5-810-9-61814	HERBERS UNIFORMS	5.57
VERIZON WIRELESS	9944640685	Pepwave 3 Wtr	600-5-810-9-63730	TELEPHONE	40.01
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	600-5-810-9-64080	INSURANCE PREMIUM	14.77
MICROBAC LABORATORIES	NT2314616	Testing	600-5-810-9-64317	TESTING	52.50
ACE HOMEWORKS	255358	EMT Conduit	600-5-810-9-65407	DEPARTMENT SUPPLIES	14.06
JOHN DEERE FINANCIAL	5588461	Coupling/Screws/Steering Kn...	600-5-810-9-65407	DEPARTMENT SUPPLIES	31.85
HAWKINS WATER TREATME...	6583185	Azone	600-5-810-9-65407	DEPARTMENT SUPPLIES	551.36
MM MECHANICAL	i2145	Troubleshoot Minisplit - Freo...	600-5-810-9-65407	DEPARTMENT SUPPLIES	776.39
NAVISTAR BMO HARRIS BANK	88445866	Water Truck Lease	600-5-810-9-67272	NEW EQUIPMENT	2,588.66
FERGUSON WATERWORKS #...	0474804	Pit Meter Head	600-5-810-9-67814	WATER METERS	289.47
FERGUSON WATERWORKS #...	0475571	Water Meters	600-5-810-9-67814	WATER METERS	6,930.00
<b>Department 810 - WATER Total:</b>					<b>11,382.69</b>
<b>Fund 600 - WATER FUND Total:</b>					<b>11,382.69</b>
<b>Fund: 610 - SEWER FUND</b>					
<b>Department: 815 - SEWER</b>					
RELiance STANDARD	Oct 2023	Wastewater Insurance	610-5-815-9-61500	GROUP INSURANCE	52.09
GIANT WASH	3255	Reicher Uniforms	610-5-815-9-61813	REICHER UNIFORMS	5.57
FL KRAPFL INC	1963	Sewer Repair - 1st Ave W	610-5-815-9-63326	SEWER LINE REPAIRS	7,497.25
VERIZON WIRELESS	9944640685	Sewer Camera	610-5-815-9-63730	TELEPHONE	40.01
VERIZON WIRELESS	9944640685	Pepwave 2 WW	610-5-815-9-63730	TELEPHONE	40.01
REICHER, JOE	Jul/Aug/Sep 2023	Cell Phone	610-5-815-9-63730	TELEPHONE	150.00
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	610-5-815-9-64080	INSURANCE PREMIUM	10.28
CITY OF DUBUQUE - WRRRC	8182	Testing	610-5-815-9-64317	TESTING	90.00
CITY OF DUBUQUE - WRRRC	8239	Testing	610-5-815-9-64317	TESTING	30.00
POLYDYNE INC	1774812	Clarifloc-C	610-5-815-9-65407	DEPARTMENT SUPPLIES	3,074.04
JOHN DEERE FINANCIAL	5589800	Red LED Light	610-5-815-9-65407	DEPARTMENT SUPPLIES	16.99
JOHN DEERE FINANCIAL	5592781	Shop Towels/16" Link	610-5-815-9-65407	DEPARTMENT SUPPLIES	36.48
EMS INDUSTRIAL INC	920656	Drive & Adapter	610-5-815-9-65407	DEPARTMENT SUPPLIES	8,568.49
NAVISTAR BMO HARRIS BANK	88445866	Wastewater Truck Lease	610-5-815-9-67272	NEW EQUIPMENT	1,294.72
NAVISTAR BMO HARRIS BANK	88445866	Wastewater Truck Lease	610-5-815-9-67274	CAPITAL IMPROVEMENTS/E...	1,294.72
<b>Department 815 - SEWER Total:</b>					<b>22,200.65</b>
<b>Fund 610 - SEWER FUND Total:</b>					<b>22,200.65</b>
<b>Fund: 670 - SOLID WASTE FUND</b>					
<b>Department: 840 - SOLID WASTE</b>					
RELiance STANDARD	Oct 2023	Solid Waste Insurance	670-5-840-9-61500	GROUP INSURANCE	14.17
PREFERRED HEALTH CHOICES...	0000007144	HRA Admin	670-5-840-9-65060	OFFICE SUPPLIES	2.25
T & W GRINDING	2351	Composting	670-5-840-9-67200	CAPITAL IMPROVEMENT	5,875.00
<b>Department 840 - SOLID WASTE Total:</b>					<b>5,891.42</b>
<b>Fund 670 - SOLID WASTE FUND Total:</b>					<b>5,891.42</b>
<b>Grand Total:</b>					<b>290,009.78</b>



## Fund Summary

Fund	Expense Amount
001 - GENERAL FUND	163,961.49
110 - ROAD USE FUND	84.70
112 - TRUST AND AGENCY FUND	550.00
128 - CDBG	76.75
135 - DYERSVILLE TIF DIST FUND	83,345.07
301 - CAPITAL PROJECTS FUND	2,517.01
600 - WATER FUND	11,382.69
610 - SEWER FUND	22,200.65
670 - SOLID WASTE FUND	5,891.42
<b>Grand Total:</b>	<b>290,009.78</b>

## Account Summary

Account Number	Account Name	Expense Amount
001-5-110-1-61500	GROUP INSURANCE	309.49
001-5-110-1-62300	MEETINGS/TRAINING	40.37
001-5-110-1-63320	VEHICLE REPAIRS	4.83
001-5-110-1-63730	TELEPHONE	335.62
001-5-110-1-64080	INSURANCE PREMIUM	35.00
001-5-110-1-65407	DEPARTMENT SUPPLIES	367.68
001-5-110-1-67270	NEW EQUIPMENT	2,943.16
001-5-150-1-62100	DUES/SUBSCRIPTIONS	351.00
001-5-150-1-63320	VEHICLE REPAIRS	741.35
001-5-150-1-65407	DEPARTMENT SUPPLIES	78.35
001-5-150-1-67270	NEW EQUIPMENT	554.55
001-5-210-2-61500	GROUP INSURANCE	9.39
001-5-210-2-61807	MAAHS UNIFORMS	5.57
001-5-210-2-63320	VEHICLE REPAIRS	1,579.43
001-5-210-2-63730	TELEPHONE	586.45
001-5-210-2-64080	INSURANCE PREMIUM	10.95
001-5-210-2-65407	DEPARTMENT SUPPLIES	648.85
001-5-210-2-67270	NEW EQUIPMENT	2,588.66
001-5-210-2-67618	STREET RECONSTRUCTI...	137,652.22
001-5-410-4-61500	GROUP INSURANCE	108.39
001-5-410-4-63750	MAINTENANCE	5.09
001-5-410-4-64080	INSURANCE PREMIUM	15.00
001-5-430-4-61500	GROUP INSURANCE	25.30
001-5-430-4-64080	INSURANCE PREMIUM	2.50
001-5-430-4-64322	CONTRACTED SERVICES	1,032.00
001-5-430-4-64323	COACHES/UMPIRES	2,145.00
001-5-430-4-65407	DEPARTMENT SUPPLIES	38.37
001-5-430-4-65409	SOCCER PROGRAM SUP...	366.00
001-5-430-4-67274	CAPITAL IMPROVEMENT...	42.09
001-5-445-4-61500	GROUP INSURANCE	25.30
001-5-445-4-64080	INSURANCE PREMIUM	2.50
001-5-460-4-64322	CONTRACTED SERVICES	3,771.48
001-5-460-4-65407	DEPARTMENT SUPPLIES	65.21
001-5-470-4-65400	NEW CABLE EQUIPMENT	300.00
001-5-610-6-61500	GROUP INSURANCE	45.32
001-5-620-6-61500	GROUP INSURANCE	9.43
001-5-620-6-65060	OFFICE SUPPLIES	39.41
001-5-650-6-63100	BUILDING MAINTENANCE	535.82
001-5-650-6-63730	TELEPHONE	184.05
001-5-660-6-64080	INSURANCE PREMIUM	1.75
001-5-670-6-62100	DUES/SUBSCRIPTIONS	6,152.50
001-5-670-6-62300	MEETINGS/TRAINING	206.06
110-5-210-2-61500	GROUP INSURANCE	84.70
112-5-460-4-64811	SOCIAL CENTER DEPOSIT...	550.00
128-5-958-1-68014	ARPA	76.75
135-5-700-5-68018	TAX REBATE	83,345.07



**Account Summary**

Account Number	Account Name	Expense Amount
301-5-723-8-64063	ENGINEERS FEES	2,517.01
600-5-810-9-61500	GROUP INSURANCE	85.38
600-5-810-9-61809	RECKER UNIFORMS	2.67
600-5-810-9-61814	HERBERS UNIFORMS	5.57
600-5-810-9-63730	TELEPHONE	40.01
600-5-810-9-64080	INSURANCE PREMIUM	14.77
600-5-810-9-64317	TESTING	52.50
600-5-810-9-65407	DEPARTMENT SUPPLIES	1,373.66
600-5-810-9-67272	NEW EQUIPMENT	2,588.66
600-5-810-9-67814	WATER METERS	7,219.47
610-5-815-9-61500	GROUP INSURANCE	52.09
610-5-815-9-61813	REICHER UNIFORMS	5.57
610-5-815-9-63326	SEWER LINE REPAIRS	7,497.25
610-5-815-9-63730	TELEPHONE	230.02
610-5-815-9-64080	INSURANCE PREMIUM	10.28
610-5-815-9-64317	TESTING	120.00
610-5-815-9-65407	DEPARTMENT SUPPLIES	11,696.00
610-5-815-9-67272	NEW EQUIPMENT	1,294.72
610-5-815-9-67274	CAPITAL IMPROVEMENT...	1,294.72
670-5-840-9-61500	GROUP INSURANCE	14.17
670-5-840-9-65060	OFFICE SUPPLIES	2.25
670-5-840-9-67200	CAPITAL IMPROVEMENT	5,875.00
	<b>Grand Total:</b>	<b>290,009.78</b>

**Project Account Summary**

Project Account Key	Expense Amount
**None**	287,492.77
3010971500	2,517.01
	<b>Grand Total: 290,009.78</b>





Dyersville, IA

# Expense Approval Register

Item 1.

Packet: APPKT01471 - 10.02.23 Bills List - IH

Vendor Name	Payable Number	Description (Item)	Account Number	Account Name	Amount
<b>Fund: 001 - GENERAL FUND</b>					
<b>Department: 110 - POLICE</b>					
DUBUQUE COUNTY SHERIFF	FY24-Smart911	911 Notification System	001-5-110-1-62100	DUES/SUBSCRIPTIONS	250.62
ALLIANT ENERGY	09.15.23	Wifi Electricity	001-5-110-1-63710	ELECTRICITY	108.37
ALLIANT ENERGY	09.18.23 B	Wifi Electricity	001-5-110-1-63710	ELECTRICITY	104.86
ALLIANT ENERGY	09.18.23 B	Police Department Electricity	001-5-110-1-63710	ELECTRICITY	510.64
WINDSTREAM	09.19.23	Police Phone	001-5-110-1-63730	TELEPHONE	136.55
PITNEY BOWES	09.2023	Police Dept Postage	001-5-110-1-65060	OFFICE SUPPLIES	13.11
<b>Department 110 - POLICE Total:</b>					<b>1,124.15</b>
<b>Department: 130 - EMERGENCY MANAGEMENT</b>					
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Tornado Siren Electricity	001-5-130-1-67275	EMERGENCY EQUIPMENT	45.71
<b>Department 130 - EMERGENCY MANAGEMENT Total:</b>					<b>45.71</b>
<b>Department: 150 - FIRE</b>					
DUBUQUE COUNTY SHERIFF	FY24-Smart911	911 Notification System	001-5-150-1-62100	DUES/SUBSCRIPTIONS	250.61
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Fire - Electricity	001-5-150-1-63710	ELECTRICITY	571.05
WINDSTREAM	09.19.23	Fire Phone	001-5-150-1-63730	TELEPHONE	93.43
<b>Department 150 - FIRE Total:</b>					<b>915.09</b>
<b>Department: 180 - MISC. COMMUNITY PROTECTION</b>					
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Street Lights 2 Electricity	001-5-180-1-63710	ELECTRICITY	10.23
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Stop Lights Electricity	001-5-180-1-63710	ELECTRICITY	52.31
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Castle Hill Lights Electricity	001-5-180-1-63710	ELECTRICITY	42.00
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Street Light Electricity	001-5-180-1-63710	ELECTRICITY	155.86
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Field of Dreams Electricity	001-5-180-1-63710	ELECTRICITY	56.25
ALLIANT ENERGY	09.15.23	Community Protection Electr...	001-5-180-1-63710	ELECTRICITY	215.52
ALLIANT ENERGY	09.18.23 B	Community Protection Electr...	001-5-180-1-63710	ELECTRICITY	427.77
<b>Department 180 - MISC. COMMUNITY PROTECTION Total:</b>					<b>959.94</b>
<b>Department: 210 - TRANSPORTATION</b>					
ALLIANT ENERGY	09.18.23 B	Public Works - Electricity	001-5-210-2-63710	ELECTRICITY	215.44
ALLIANT ENERGY	09.18.23	Electricity - Dys East Rd Proje...	001-5-210-2-63710	ELECTRICITY	102.51
<b>Department 210 - TRANSPORTATION Total:</b>					<b>317.95</b>
<b>Department: 410 - LIBRARY</b>					
ALLIANT ENERGY	09.18.23 B	Library Electricity	001-5-410-4-63710	ELECTRICITY	1,297.15
PITNEY BOWES	09.2023	Library Postage	001-5-410-4-65060	OFFICE SUPPLIES	239.82
<b>Department 410 - LIBRARY Total:</b>					<b>1,536.97</b>
<b>Department: 430 - PARKS</b>					
ALLIANT ENERGY	09.15.23	Park Electricity	001-5-430-4-63710	ELECTRICITY	2,186.50
ALLIANT ENERGY	09.18.23 B	Park Electricity	001-5-430-4-63710	ELECTRICITY	344.18
WINDSTREAM	09.19.23	Parks Phone	001-5-430-4-63730	TELEPHONE	49.12
PITNEY BOWES	09.2023	Parks Postage	001-5-430-4-65060	OFFICE SUPPLIES	57.28
<b>Department 430 - PARKS Total:</b>					<b>2,637.08</b>
<b>Department: 445 - AQUATIC CENTER</b>					
ALLIANT ENERGY	09.18.23 B	Pool Electricity	001-5-445-4-63710	ELECTRICITY	142.13
<b>Department 445 - AQUATIC CENTER Total:</b>					<b>142.13</b>
<b>Department: 460 - COMMUNITY CENTER</b>					
ALLIANT ENERGY	09.15.23	Social Center Electricity	001-5-460-4-63710	ELECTRICITY	52.80
<b>Department 460 - COMMUNITY CENTER Total:</b>					<b>52.80</b>
<b>Department: 620 - CLERK, TREAS &amp; FINANCE</b>					
PITNEY BOWES	09.2023	Admin Postage	001-5-620-6-65060	OFFICE SUPPLIES	139.68
<b>Department 620 - CLERK, TREAS &amp; FINANCE Total:</b>					<b>139.68</b>
<b>Department: 650 - CITY HALL &amp; GEN BLDGS</b>					
ALLIANT ENERGY	09.18.23 B	City Hall Electricity	001-5-650-6-63710	ELECTRICITY	218.85



## Expense Approval Register

Packet: APPKT01471 - 10.02.2

Item 1.

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Vendor Name	Payable Number	Description (Item)	Account Number	Account Name	Amount
MAQUOKETA VALLEY ELECTR...	09.15.23 Fire	Fiber Optic - Business Ultra	001-5-650-6-63730	TELEPHONE	399.45
MAQUOKETA VALLEY ELECTR...	09.15.23 FOD	Internet- Field of Dreams	001-5-650-6-63730	TELEPHONE	379.55
WINDSTREAM	09.19.23	City Hall Phone	001-5-650-6-63730	TELEPHONE	234.53
Department 650 - CITY HALL & GEN BLDGS Total:					1,232.38
Fund 001 - GENERAL FUND Total:					9,103.88
<b>Fund: 110 - ROAD USE FUND</b>					
Department: 180 - MISC. COMMUNITY PROTECTION					
ALLIANT ENERGY	09.15.23	Road Use Electricity (70%)	110-5-180-1-63710	ELECTRICITY	502.88
ALLIANT ENERGY	09.18.23 B	Road Use Electricity (70%)	110-5-180-1-63710	ELECTRICITY	998.12
Department 180 - MISC. COMMUNITY PROTECTION Total:					1,501.00
Fund 110 - ROAD USE FUND Total:					1,501.00
<b>Fund: 128 - CDBG</b>					
Department: 958 - CAPITAL OUTLAY					
AMERICAN LEGION POST 137	09.28.23	Building Renovation	128-5-958-1-68014	ARPA	2,863.50
Department 958 - CAPITAL OUTLAY Total:					2,863.50
Fund 128 - CDBG Total:					2,863.50
<b>Fund: 301 - CAPITAL PROJECTS FUND</b>					
Department: 723 - CAPITAL PROJECT					
RDG PLANNING & DESIGN	55054	Ballpark - Construction Docs/...	301-5-723-8-64063	ENGINEERS FEES	542,005.03
ALLIANT ENERGY	09.25.23	Service Install - Electricity	301-5-723-8-64322	CONTRACTED SERVICES	119.72
Department 723 - CAPITAL PROJECT Total:					542,124.75
Fund 301 - CAPITAL PROJECTS FUND Total:					542,124.75
<b>Fund: 600 - WATER FUND</b>					
Department: 810 - WATER					
IOWA WATER ENVIRONMENT..	09.2023	Annual Conf Registration - Re...	600-5-810-9-62300	MEETINGS/TRAINING	40.00
ALLIANT ENERGY	09.18.23 B	Water Electricity	600-5-810-9-63710	ELECTRICITY	7,213.69
WINDSTREAM	09.19.23	Water Phone	600-5-810-9-63730	TELEPHONE	74.93
PITNEY BOWES	09.2023	Water Postage	600-5-810-9-65060	OFFICE SUPPLIES	50.11
Department 810 - WATER Total:					7,378.73
Fund 600 - WATER FUND Total:					7,378.73
<b>Fund: 602 - WATER CAPITAL ACCOUNT</b>					
Department: 723 - CAPITAL PROJECT					
ALLIANT ENERGY	06.23.23 FOD Lift Station	Electric Install - FOD Lift Stati...	602-5-723-9-64322	CONTRACTED SERVICES	51,313.88
Department 723 - CAPITAL PROJECT Total:					51,313.88
Fund 602 - WATER CAPITAL ACCOUNT Total:					51,313.88
<b>Fund: 610 - SEWER FUND</b>					
Department: 815 - SEWER					
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Press Building Electricity	610-5-815-9-63710	ELECTRICITY	2,446.35
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Ind Park Lift Station Electricity	610-5-815-9-63710	ELECTRICITY	97.31
ALLIANT ENERGY	09.18.23 B	Wastewater Electricity	610-5-815-9-63710	ELECTRICITY	371.34
Department 815 - SEWER Total:					2,915.00
Fund 610 - SEWER FUND Total:					2,915.00
<b>Fund: 670 - SOLID WASTE FUND</b>					
Department: 840 - SOLID WASTE					
MAQUOKETA VALLEY ELECTR...	09.11.23 B	Compost Site Electricity	670-5-840-9-63710	ELECTRICITY	61.74
Department 840 - SOLID WASTE Total:					61.74
Fund 670 - SOLID WASTE FUND Total:					61.74
Grand Total:					617,262.48



**Fund Summary**

<b>Fund</b>	<b>Expense Amount</b>
001 - GENERAL FUND	9,103.88
110 - ROAD USE FUND	1,501.00
128 - CDBG	2,863.50
301 - CAPITAL PROJECTS FUND	542,124.75
600 - WATER FUND	7,378.73
602 - WATER CAPITAL ACCOUNT	51,313.88
610 - SEWER FUND	2,915.00
670 - SOLID WASTE FUND	61.74
<b>Grand Total:</b>	<b>617,262.48</b>

**Account Summary**

Account Number	Account Name	Expense Amount
001-5-110-1-62100	DUES/SUBSCRIPTIONS	250.62
001-5-110-1-63710	ELECTRICITY	723.87
001-5-110-1-63730	TELEPHONE	136.55
001-5-110-1-65060	OFFICE SUPPLIES	13.11
001-5-130-1-67275	EMERGENCY EQUIPMENT	45.71
001-5-150-1-62100	DUES/SUBSCRIPTIONS	250.61
001-5-150-1-63710	ELECTRICITY	571.05
001-5-150-1-63730	TELEPHONE	93.43
001-5-180-1-63710	ELECTRICITY	959.94
001-5-210-2-63710	ELECTRICITY	317.95
001-5-410-4-63710	ELECTRICITY	1,297.15
001-5-410-4-65060	OFFICE SUPPLIES	239.82
001-5-430-4-63710	ELECTRICITY	2,530.68
001-5-430-4-63730	TELEPHONE	49.12
001-5-430-4-65060	OFFICE SUPPLIES	57.28
001-5-445-4-63710	ELECTRICITY	142.13
001-5-460-4-63710	ELECTRICITY	52.80
001-5-620-6-65060	OFFICE SUPPLIES	139.68
001-5-650-6-63710	ELECTRICITY	218.85
001-5-650-6-63730	TELEPHONE	1,013.53
110-5-180-1-63710	ELECTRICITY	1,501.00
128-5-958-1-68014	ARPA	2,863.50
301-5-723-8-64063	ENGINEERS FEES	542,005.03
301-5-723-8-64322	CONTRACTED SERVICES	119.72
600-5-810-9-62300	MEETINGS/TRAINING	40.00
600-5-810-9-63710	ELECTRICITY	7,213.69
600-5-810-9-63730	TELEPHONE	74.93
600-5-810-9-65060	OFFICE SUPPLIES	50.11
602-5-723-9-64322	CONTRACTED SERVICES	51,313.88
610-5-815-9-63710	ELECTRICITY	2,915.00
670-5-840-9-63710	ELECTRICITY	61.74
Grand Total:		617,262.48

**Project Account Summary**

<b>Project Account Key</b>	<b>Expense Amount</b>
**None**	75,137.73
30120080	119.72
301R300525204	542,005.03
<b>Grand Total:</b>	<b>617,262.48</b>



# Detail Report

## August Receipts - REVENUE

### Account Summary

Date Range: 08/01/2023 - 08/31/2023

Account	Name	Total Activity
<b>Fund: 001 - GENERAL FUND</b>		
<a href="#">001-4-950-0-1-41000</a>	LIQUOR/BEER PERMITS	\$ 2,060.00
<a href="#">001-4-950-0-1-41220</a>	BUILDING PERMITS	\$ 175.00
<a href="#">001-4-950-0-1-41800</a>	DOG/BIKE LICENSES	\$ 9.00
<a href="#">001-4-950-0-1-41900</a>	MISCELLANEOUS PERMITS	\$ 150.00
<a href="#">001-4-950-0-1-45599</a>	MISCELLANEOUS RECEIPTS	\$ 538.43
<a href="#">001-4-950-0-1-45600</a>	SALES TAX RECEIVED	\$ 334.64
<a href="#">001-4-950-0-4-40000</a>	PROPERTY TAX	\$ 4,607.07
<a href="#">001-4-950-0-4-40850</a>	HOTEL/MOTEL TAX	\$ 40,264.58
<a href="#">001-4-950-0-4-40900</a>	LOCAL OPTION SALES TAX	\$ 19,539.27
<a href="#">001-4-950-0-4-40950</a>	KENNEDY/IN LIEU OF TAX PAYMENT	\$ 900.00
<a href="#">001-4-950-0-4-43000</a>	INTEREST	\$ 3,371.98
<a href="#">001-4-950-0-4-43101</a>	BI-COUNTY LEASE PAYMENT	\$ 1,262.50
<a href="#">001-4-950-0-4-43102</a>	SOCIAL CENTER RENTALS	\$ 1,625.00
<a href="#">001-4-950-0-4-43103</a>	SCENIC VALLEY UTILITIES	\$ 340.94
<a href="#">001-4-950-1-1-45513</a>	POLICE REPORTS	\$ 80.00
<a href="#">001-4-950-1-1-45599</a>	MISCELLANEOUS RECEIPTS	\$ 100.00
<a href="#">001-4-950-1-1-47700</a>	POLICE FINES	\$ 872.00
<a href="#">001-4-950-4-1-45507</a>	SOFTBALL PROGRAM	\$ 100.00
<a href="#">001-4-950-4-1-45508</a>	POOL RECEIPTS	\$ 3,892.52
<a href="#">001-4-950-4-1-45509</a>	SOCCER PROGRAM	\$ 667.16
<a href="#">001-4-950-4-1-45510</a>	FLAG FOOTBALL	\$ 245.00
<a href="#">001-4-950-4-1-45599</a>	MISCELLANEOUS RECEIPTS	\$ 709.87
<a href="#">001-4-950-4-1-47550</a>	CONCESSION STAND RECEIPTS	\$ 1,572.90
<a href="#">001-4-950-4-1-47651</a>	LIBRARY FINES & FEES	\$ 326.04
<b>Total Fund: 001 - GENERAL FUND:</b>		<b>\$ 83,743.90</b>
<b>Fund: 002 - LIBRARY TRUST FUND</b>		
<a href="#">002-4-950-0-4-43000</a>	INTEREST	\$ 37.27
<a href="#">002-4-950-4-1-45511</a>	LIBRARY TRUST REVENUES	\$ 1,853.16
<b>Total Fund: 002 - LIBRARY TRUST FUND:</b>		<b>\$ 1,890.43</b>
<b>Fund: 110 - ROAD USE FUND</b>		
<a href="#">110-4-950-2-2-44300</a>	ROAD USE TAX REVENUE	\$ 49,782.45
<b>Total Fund: 110 - ROAD USE FUND:</b>		<b>\$ 49,782.45</b>
<b>Fund: 112 - TRUST AND AGENCY FUND</b>		
<a href="#">112-4-950-9-1-47300</a>	TENANTS DEPOSITS RECEIVED	\$ 350.00
<a href="#">112-4-950-9-1-47301</a>	SOCIAL CENTER DEPOSIT RECEIVED	\$ 1,425.00
<b>Total Fund: 112 - TRUST AND AGENCY FUND:</b>		<b>\$ 1,775.00</b>



**Fund: 121 - L.O. SALES TAX RESERVE**

<a href="#">121-4-950-0-4-40900</a>	LOCAL OPTION SALES TAX	\$ 58,450.48
<b>Total Fund: 121 - L.O. SALES TAX RESERVE:</b>		<b>\$ 58,450.48</b>

**Fund: 135 - DYERSVILLE TIF DIST FUND**

<a href="#">135-4-950-0-4-40000</a>	PROPERTY TAX	\$ 2,564.06
<b>Total Fund: 135 - DYERSVILLE TIF DIST FUND:</b>		<b>\$ 2,564.06</b>

**Fund: 200 - DEBT SERVICE**

<a href="#">200-4-710-7-4-40000</a>	PROPERTY TAX	\$ 1,763.09
<b>Total Fund: 200 - DEBT SERVICE:</b>		<b>\$ 1,763.09</b>

**Fund: 600 - WATER FUND**

<a href="#">600-4-810-9-1-40900</a>	LOCAL OPTION SALES TAX	\$ 98.69
<a href="#">600-4-810-9-1-45000</a>	WATER RECEIPTS	\$ 84,995.74
<a href="#">600-4-810-9-1-45200</a>	WATER SRF RECEIPT	\$ 6,355.55
<a href="#">600-4-810-9-1-45300</a>	WATER PENALTIES	\$ 977.00
<a href="#">600-4-810-9-1-45599</a>	MISCELLANEOUS RECEIPTS	\$ 190.81
<a href="#">600-4-810-9-1-45600</a>	SALES TAX RECEIVED	\$ 578.09
<a href="#">600-4-810-9-1-45601</a>	WET (WATER SERVICE EXCISE TAX)	\$ 4,870.61
<b>Total Fund: 600 - WATER FUND:</b>		<b>\$ 98,066.49</b>

**Fund: 601 - WATER SINKING FUND**

<a href="#">601-4-950-0-4-48200</a>	BOND PROCEEDS	\$ 1,069,948.77
<b>Total Fund: 601 - WATER SINKING FUND:</b>		<b>\$ 1,069,948.77</b>

**Fund: 610 - SEWER FUND**

<a href="#">610-4-815-9-1-45100</a>	SEWER RECEIPTS	\$ 100,549.69
<a href="#">610-4-815-9-1-45200</a>	SEWER SRF RECEIPTS	\$ 24,043.64
<a href="#">610-4-815-9-1-45301</a>	SEWER PENALTIES	\$ 262.00
<a href="#">610-4-815-9-1-45600</a>	SALES TAX RECEIVED	\$ 930.42
<a href="#">610-4-815-9-4-40900</a>	LOCAL OPTION SALES TAX	\$ 152.49
<b>Total Fund: 610 - SEWER FUND:</b>		<b>\$ 125,938.24</b>

**Fund: 670 - SOLID WASTE FUND**

<a href="#">670-4-840-9-1-45302</a>	SOLID WASTE PENALTIES	\$ 196.00
<a href="#">670-4-840-9-1-45304</a>	GARBAGE TAGS SOLD	\$ 99.00
<a href="#">670-4-840-9-1-45700</a>	SOLID WASTE RECEIPTS	\$ 29,842.87
<b>Total Fund: 670 - SOLID WASTE FUND:</b>		<b>\$ 30,137.87</b>

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**GRAND TOTALS: \$ 1,524,060.78**





## CITY COUNCIL MEETING

Lower Level Council Chambers  
Monday, September 18, 2023  
6:00 PM

### MINUTES

#### CALL TO ORDER – ROLL CALL

PRESENT Mayor Jeff Jacque, Council Member Jim Gibbs, Council Member Mike Oberbroeckling, Council Member Tom Westhoff ABSENT Council Member Jenni Ostwinkle Silva

#### PLEDGE OF ALLEGIANCE

#### APPROVAL OF AGENDA

Motion made by Council Member Oberbroeckling to approve Monday, September 18, 2023 agenda as presented Seconded by Council Member Gibbs.

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

#### ORAL COMMENTS

#### APPROVAL OF CONSENT AGENDA

Motion made by Council Member Westhoff to approve Consent Agenda Seconded by Council Member Gibbs.

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

**1. Bills List; 2. Approve Receipts** - March, 2023; **3. Approve Receipts** - April, 2023; **4. Approve Receipts** - May, 2023; **5. Approve Receipts** - June, 2023; **6. Approve Receipts** - July, 2023; **7. Approve Minutes** City Council Meeting - September 5, 2023; **8. Receive & File Minutes** James Kennedy Public Library Board of Trustees Meeting - August 9, 2023; **9. Receive & File Minutes** Planning & Zoning Commission Meeting - September 11, 2023; **10. Receive & File Minutes** Parks & Recreation Commission Meeting - September 13, 2023; **11. Class C Retail Alcohol License** Beckman Catholic High School Gala (5 Day 10/26-10/30/2023); **12. Class C Retail Alcohol License** The Palace Saloon Bar & Grill; **13. Blasting Permit** Bennett Explosives, Inc. - October 2023; **14. Resolution No. 60-23** Approving Final Plat of Hewitt Creek Subdivision, City of Dyersville and Dubuque County, Iowa. The Southwest Quarter of the Southeast Quarter of Section 22 and the Northwest Quarter of the Northeast Quarter of Section 27, Except Lot 1; and Lot 1 in Part of the Southwest Quarter of the Southeast Quarter of Section 22 and part of the Northwest Quarter of the Northeast Quarter of Section 27, all in Township 89 North, Range 2 West of the 5th P.M., City of Dyersville and Dubuque County, Iowa.; **15. Authorize Mayor to Sign** Contract Payment No. 6 to F.L. Krapfl, Inc. in the amount of \$209,135.17 for Dyersville East Road Utility Extension 2022 - Contract C - Water Pumping Station; **16. Accept Resignation** Michael English, City Council, effective September 5, 2023; **17. Accept Resignation** Karen Kramer, James Kennedy Public Library Board of Trustees, effective September 1, 2023; **18. Request** from Lyle Theisen to close the street for a neighborhood party on September 23, 2023.; **19. Request** from Gisella Aitken-Shadle to have a Hispanic Heritage Month Celebration at Westside Park on Saturday, October 14, 2023 from noon to 4:00 pm.; **20. Receive & File** Treasurer's Report - March 2023; **21. Receive & File** Revenue & Expenditure Report March 2023; **22. Receive & File** Treasurer's Report - April 2023; **23. Receive & File** Revenue & Expenditure Report April 2023; **24. Receive & File** Treasurer's Report - May 2023; **25. Receive & File** Revenue & Expenditure Report May 2023; **26. Receive & File** Treasurer's Report - June 2023; **27. Receive & File** Revenue & Expenditure Report June 2023; **28. Receive & File** Treasurer's Report - July 2023; **29. Receive & File** Revenue & Expenditure Report July 2023; **30. Receive & File** Fall 2023 Hydrant Flushing Schedule; **31. Receive & File** Staff Report - Police - September 2023; **32. Receive & File** Staff Report - Parks & Recreation - September 2023; **33. Receive**



**& File Staff Report - Library - September 2023; 34. Receive & File Staff Report - Public Works - September 2023; 35. Receive & File Staff Report - City Administrator - September 2023.** The following bills were approved for payment:

Access Systems	Contract	\$ 674.65
Acco	Supplies	\$ 14,112.37
Ace Homeworks	Supplies	\$ 89.34
Airespring	Phone	\$ 332.12
Alliant Energy	Electricity	\$ 9,405.54
Alvarado, Juan	Referee Fees	\$ 97.50
Amazon	Books	\$ 1,330.37
American History	Subscription	\$ 26.95
American Legion Post 137	Renovation	\$ 23,559.27
Assoc For Rural & Small Libraries	Dues	\$ 200.00
Auditor - State of Iowa	Audit	\$ 625.00
Baker & Taylor Books	Books	\$ 1,216.38
Bard Materials	Rock/Sand/Lime	\$ 71.77
Benton-Hermesen, Kimshiro	Programs	\$ 20.00
Bi-County Disposal Inc	Garbage / Recycling	\$ 26,425.70
Black Hills Energy	Natural Gas	\$ 556.35
Blackstone Publishing	Books	\$ 123.12
Blue Path Finance Inc	Solar Energy	\$ 3,664.89
Boeckenstedt, Ann	Programs	\$ 20.00
Carquest Auto Parts	Supplies	\$ 4.25
Catster	Subscription	\$ 29.95
Cengage Learning	Books	\$ 148.76
Center Point Publishing	Books	\$ 182.44
CivicPlus	Software Renewal	\$ 4,140.00
Crescent Electric Supply	Supplies	\$ 1,003.72
Da Silva, Peyton	Referee Fees	\$ 40.00
Dalinc	Dues	\$ 15.00
Demco Educational Corp	Supplies	\$ 235.80
Diamond Vogel	Supplies	\$ 732.00
Dubuque Fire Equipment Inc	Fire Extinguisher Inspection	\$ 538.70
Dyersville Commercial	Program	\$ 202.00
Elite Dental PC	Development Agreement	\$ 5,413.32
Fareway Stores Inc	Program	\$ 18.47
Ferguson Waterworks #2516	Water Meters	\$ 1,022.49
Food Network Magazine	Subscription	\$ 12.00
Fresh Prints, LLC	Supplies	\$ 250.70
Fuerste Carew Coyle Juergens PC	Legal Fees	\$ 1,650.24
Giant Wash	Uniforms/Floor Mats	\$ 100.56
Goat Journal	Subscription	\$ 49.97
Goldsmith, Ben or Sarah	Referee Fees	\$ 240.00
Hageman, Brody	Referee Fees	\$ 145.00
Hageman, Carter	Referee Fees	\$ 75.00
Hansel Cleaning Services LLC	Cleaning	\$ 1,000.00
Hawkins Water Treatment	Supplies	\$ 4,022.66
Heritage Printing Co	Program	\$ 30.00
Hoopla By Midwest Tape	Program	\$ 207.10
Imon Communications LLC	Fiber Optic Internet	\$ 1,035.84
Impact7G	Engineer Fees	\$ 1,035.00
Ingram Library Services	Books	\$ 778.84



Iowa Municipal Finance Officers Assn	Registration	\$ 150.00
Iowa Parks & Recreation Association	Membership	\$ 180.00
John Deere Financial	Supplies	\$ 90.93
Kanopy Inc	Program	\$ 54.00
Kiplinger's Personal Finance	Subscription	\$ 59.95
Kluesner Construction Inc	Street Patching	\$ 10,520.00
Kruse, Hailey	Referee Fees	\$ 150.00
Link, Lainey	Reimbursement	\$ 90.00
Link, Vanessa	Reimbursement	\$ 125.00
Maiers, Tricia	Reimbursement	\$ 6.00
Maquoketa Valley Electric Coop	Electricity	\$ 2,821.81
Mertz, Avery	Reimbursement	\$ 130.00
Meyer, Connie	Refund	\$ 100.00
Microbac Laboratories	Testing	\$ 1,658.25
Naber, Matt	Referee Fees	\$ 185.00
New Yorker, The	Subscription	\$ 74.99
Niche Academy	Database	\$ 500.00
Nieman, Tim	Referee Fees	\$ 270.00
Nosbisch, Lynn	Referee Fees	\$ 175.00
Overdrive	Electronic Media	\$ 694.88
Parts Authority	Supplies	\$ 109.01
Poets & Writers Magazine	Subscription	\$ 24.95
Postmaster	Supplies	\$ 102.00
Pry, Justin	Referee Fees	\$ 112.50
RDG Planning & Design	Professional Services	\$ 182,273.39
Recker, Josephine	Refund	\$ 200.00
Reliance Standard	Insurance	\$ 15.46
Riniker, Jessica	Refund	\$ 100.00
Road Runner	Subscription	\$ 39.99
Roeder, Brian or Kerry	Referee Fees	\$ 30.00
Roeder, Mason	Referee Fees	\$ 30.00
Roling, Andrew	Referee Fees	\$ 242.50
Roling, Steven	Referee Fees	\$ 255.00
Schrandt, Dawn	Programs	\$ 137.96
Schroeder, Brent C.	Reimbursement	\$ 36.25
Staples	Supplies	\$ 79.03
Tauke Motors	Vehicle Maintenance	\$ 215.68
The Week	Subscription	\$ 199.00
Thein, Morgan	Refund	\$ 100.00
This Old House	Subscription	\$ 8.00
TJ Cleaning Services	Cleaning Services	\$ 770.00
Traffic & Transportation Prod Ltd	Traffic Light	\$ 274.48
USA Blue Book	Supplies	\$ 930.26
Vogue	Subscription	\$ 15.00
Vorwald, Tyler	Reimbursement	\$ 100.00
Wall Street Journal	Subscription	\$ 599.98
Welter Storage Equip Co	Supplies	\$ 1,509.00
Werner, Ron	Referee Fees	\$ 120.00
Windstream	Phone	\$ 126.09
Wolf, Jerry	Referee Fees	\$ 175.00
Wolf, Russ	Referee Fees	\$ 147.50
Women's Health	Subscription	\$ 10.00



001 - General Fund	\$ 41,204.05
002 - Library Trust Fund	\$ 1,865.65
110 - Road Use Fund	\$ 3,869.27
112 - Trust and Agency Fund	\$ 500.00
128 - CDBG	\$ 23,576.49
135 - Dyersville TIF Dist Fund	\$ 5,413.32
301 - Capital Projects Fund	\$ 197,443.56
600 - Water Fund	\$ 10,681.79
610 - Sewer Fund	\$ 2,994.16
670 - Solid Waste Fund	\$ 26,486.68
Grand Total:	\$ 314,034.97

## Receipts March 2023

001 - General Fund	\$ 73,956.04
002 - Library Trust	\$ 10,201.69
110 - Road Use Tax	\$ 29,700.30
112 - Trust & Agency	\$ 1,950.00
121 - L.O. Sales Tax Reserve	\$ 48,495.59
128 - CDBG / Flood Fund	\$ 139,596.53
135 - Dyersville TIF Dist Fund	\$ 59,682.39
200 - Debt Service	\$ 2,656,034.23
301 - Capital Projects Fund	\$ 1,142.66
600 - Water Fund	\$ 78,708.66
602 - Water Capital Fund	\$ 334,707.79
610 - Sewer Fund	\$ 108,431.53
670 - Solid Waste Fund	\$ 30,736.11
===Receipt Total===	\$ 3,573,343.52

## March 2023 Treasurer's Report Summary

001 - General Fund	\$ 367,270.19
002 - Library Trust Fund	\$ 85,679.06
110 - Road Use Tax Fund	\$ 52,261.40
112 - Trust & Agency Fund	\$ 41,836.00
121 - L.O. Sales Tax Reserve	\$ 664,018.12
128 - CDBG / Flood Fund	\$ 471,191.63
135 - Dyersville TIF District	\$ 3,170,838.58
200 - Debt Service Fund	\$ 3,429,635.05
301 - Capital Improvements	\$(2,050,554.52)
600 - Water Fund	\$ (26,964.48)
601 - Water Sinking Fund	\$ (32,020.15)
602 - Water Capital	\$ (346,659.38)
610 - Sewer Fund	\$ (412,543.06)
611 - Sewer Sinking Fund	\$ (54,903.72)
612 - Sewer Capital Fund	\$ (798,720.54)
670 - Solid Waste Fund	\$ (9,505.46)
===Total===	\$ 4,550,858.72

## Receipts April 2023

001 - General Fund	\$ 837,304.52
002 - Library Trust Fund	\$ 2,233.72
110 - Road Use Tax Fund	\$ 50,151.92
112 - Trust & Agency Fund	\$ 750.00
121 - L.O. Sales Tax Reserve	\$ 34,936.77



128 - CDBG Fund	\$ 10,750.00
135 - Dyersville TIF Dist Fund	\$ 572,003.63
200 - Debt Service Fund	\$ 214,698.99
600 - Water Fund	\$ 75,057.06
610 - Sewer Fund	\$ 105,400.49
670 - Solid Waste Fund	\$ 30,186.66
===Receipt Total===	\$ 1,933,473.76

#### April 2023 Treasurer's Report Summary

001 - General Fund	\$ 786,352.39
002 - Library Trust Fund	\$ 85,388.76
110 - Road Use Tax Fund	\$ 69,420.12
112 - Trust & Agency Fund	\$ 41,836.00
121 - L.O. Sales Tax Reserve	\$ 698,954.89
128 - CDBG / Flood Fund	\$ 291,839.23
135 - Dyersville TIF District	\$ 3,630,658.61
200 - Debt Service Fund	\$ 3,644,334.04
301 - Capital Improvements	\$(2,094,166.91)
600 - Water Fund	\$ (25,697.65)
601 - Water Sinking Fund	\$ (32,020.15)
602 - Water Capital	\$(1,372,366.50)
610 - Sewer Fund	\$ (399,918.01)
611 - Sewer Sinking Fund	\$ (54,903.72)
612 - Sewer Capital Fund	\$ (864,781.04)
670 - Solid Waste Fund	\$ (9,463.01)
===Total===	\$ 4,395,467.05

#### Receipts May 2023

001 - General Fund	\$ 279,542.46
002 - Library Trust	\$ 5,822.57
110 - Road Use Tax	\$ 55,569.36
112 - Trust & Agency	\$ 600.00
121 - L.O. Sales Tax Reserve	\$ 58,306.22
135 - Dyersville TIF Dist Fund	\$ 77,195.37
200 - Debt Service	\$ 27,237.64
600 - Water Fund	\$ 80,785.47
610 - Sewer Fund	\$ 111,248.94
670 - Solid Waste Fund	\$ 30,539.21
===Receipt Total===	\$ 726,847.24

#### May 2023 Treasurer's Report Summary

001 - General Fund	\$ 782,123.35
002 - Library Trust Fund	\$ 89,175.50
110 - Road Use Tax Fund	\$ 87,661.26
112 - Trust & Agency Fund	\$ 41,036.00
121 - L.O. Sales Tax Reserve	\$ 757,261.11
128 - CDBG / Flood Fund	\$ 289,409.27
135 - Dyersville TIF District	\$ 3,227,679.73
200 - Debt Service Fund	\$ 3,164,584.18
301 - Capital Improvements	\$(2,125,194.70)
600 - Water Fund	\$ (2,309.61)
601 - Water Sinking Fund	\$ (419,325.15)
602 - Water Capital	\$(2,112,221.04)



610 - Sewer Fund	\$ (323,186.61)
611 - Sewer Sinking Fund	\$ (274,706.22)
612 - Sewer Capital Fund	\$ (935,284.04)
670 - Solid Waste Fund	\$ (9,451.29)
Total	\$ 2,237,251.74

## Receipts June 2023

001 - General Fund	\$ 84,019.67
002 - Library Trust	\$ 972.02
110 - Road Use Tax	\$ 69,115.43
112 - Trust & Agency Fund	\$ 1,950.00
121 - L.O. Sales Tax Reserve	\$ 51,776.00
135 - Dyersville TIF Dist Fund	\$ 99.42
200 - Debt Service	\$ 2,338.99
600 - Water Fund	\$ 84,713.60
601 - Water Sinking Fund	\$ 1,708,505.87
610 - Sewer Fund	\$ 114,130.92
670 - Solid Waste Fund	\$ 30,552.14
===Receipt Total===	\$ 2,148,174.06

## June 2023 Treasurer's Report Summary

001 - General Fund	\$ 434,179.98
002 - Library Trust Fund	\$ 85,540.62
110 - Road Use Tax Fund	\$ 111,248.97
112 - Trust & Agency Fund	\$ 41,386.00
121 - L.O. Sales Tax Reserve	\$ 809,037.11
128 - CDBG / Flood Fund	\$ 1,624,669.37
135 - Dyersville TIF District	\$ 2,821,511.24
200 - Debt Service Fund	\$ 3,166,779.83
301 - Capital Improvements	\$(3,531,830.10)
600 - Water Fund	\$ 8,426.29
601 - Water Sinking Fund	\$ 1,191,540.26
602 - Water Capital	\$(2,524,976.64)
610 - Sewer Fund	\$ (311,592.98)
611 - Sewer Sinking Fund	\$ (676,030.07)
612 - Sewer Capital Fund	\$ (940,761.54)
670 - Solid Waste Fund	\$ (50,307.95)
===Total===	\$ 2,258,820.39

## Receipts July 2023

001 - General Fund	\$ 158,377.83
002 - Library Trust	\$ 234.48
110 - Road Use Tax	\$ 50,314.68
112 - Trust & Agency	\$ 1,350.00
121 - L.O. Sales Tax Reserve	\$ 45,064.68
200 - Debt Service	\$ 1,142.74
301 - Capital Projects Fund	\$ 100,000.00
600 - Water Fund	\$ 105,162.26
610 - Sewer Fund	\$ 630,992.31
670 - Solid Waste Fund	\$ 30,278.93
===Receipt Total===	\$ 1,122,917.91

## July 2023 Treasurer's Report Summary



001 - General Fund	\$ (338,207.13)
002 - Library Trust Fund	\$ 84,036.81
110 - Road Use Tax Fund	\$ 128,335.95
112 - Trust & Agency Fund	\$ 42,236.00
121 - L.O. Sales Tax Reserve	\$ 854,101.79
128 - CDBG / Flood Fund	\$ 1,609,352.59
135 - Dyersville TIF District	\$ 2,790,767.00
200 - Debt Service Fund	\$ 3,167,622.57
301 - Capital Improvements	\$(3,475,236.60)
600 - Water Fund	\$ 66,271.69
601 - Water Sinking Fund	\$ 1,191,540.26
602 - Water Capital	\$(2,947,572.68)
610 - Sewer Fund	\$ 287,718.32
611 - Sewer Sinking Fund	\$ (676,130.07)
612 - Sewer Capital Fund	\$ (940,761.54)
670 - Solid Waste Fund	\$ (56,656.88)
===Total===	\$ 1,787,418.08

### ACTION ITEMS

**36. 6:00 P.M. Public Hearing** on the proposed plans, specifications, form of contract, and estimate of cost for the RM-2160(618)--9D-31, 20 West Industrial Center Phase 3 Contract C - Culvert project

Motion made by Council Member Oberbroeckling to open Public Hearing seconded Council Member Westhoff

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

With there being no written or oral comments received Motion made by Council Member Gibbs to close Public Hearing Seconded by Council Member Oberbroeckling.

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

**37. Resolution No. 61-23** approving and confirming the proposed plans, specifications, and form of contract for the RM-2160(618)--9D-31 20 West Industrial Center Phase 3 Contract C-Culvert Project

Motion made by Council Member Oberbroeckling to approve Seconded by Council Member Gibbs.

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

**38. Discussion and Possible Action** on filling the 2nd ward council seat vacancy

Motion made by Council Member Westhoff to not appoint person Seconded by Council Member Gibbs.

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

### COUNCIL COMMENTS

### ADJOURNMENT

Motion made by Council Member Oberbroeckling to adjourn at 6:44 pm Seconded by Council Member Westhoff.

Voting Yea: Gibbs, Oberbroeckling, Westhoff Nay: None Absent: Ostwinkle Silva Motion carried.

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Jeff Jacque Mayor

ATTEST:



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Tricia L. Maiers, City Clerk / Treasurer





## BOARD OF ADJUSTMENT

Lower Level Council Chambers  
 Wednesday, September 20, 2023  
 6:00 PM

### MINUTES

Meeting called to order at 6:00 pm by Board Member Ann Salter.

#### ROLL CALL

PRESENT: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber

ABSENT:

#### AGENDA ITEMS

##### 1. Election of Chairperson

Ralph Weber nominated Ann Salter as Chairperson.

Nomination seconded by: Mark Singsank

Voice Call Voting Yea: Derek Bredeson, Tara Rahe, Mark Singsank, Ralph Weber

Voting Nay: Ann Salter

Motion carried.

##### 2. Election of Vice-Chairperson

Mark Singsank nominated Derek Bredeson for Vice Chairperson.

Nomination seconded by: Ralph Weber

Voice Call Voting Yea: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber

Voting Nay:

Motion carried.

##### 3. Approve Minutes of the August 17, 2022 Meeting

Chairperson Salter asked for comments or questions and there none.

Motion to approve minutes of the August 17, 2022 meeting made by Ralph Weber, seconded by Tara Rahe.

Voice Call Voting Yea: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber

Voting Nay

Motion carried.

##### 4. Receive & File Oath of Office to Mark Singsank

Motion to approve receipt and file Oath of Office to Mark Singsank made by Derek Bredeson, seconded by Ralph Weber.

Voice Call Voting Yea: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber

Voting Nay:

Motion carried.



5. Request for a 2' variance to the front yard setback at 704 2nd Avenue SE as required in Section 165.06.21(D)(ii) of the City Code. Variance submitted by Justin & Paige Elledge.

Justin and Paige Elledge – 704 2<sup>nd</sup> Avenue SE – were present and stated there was a misunderstanding when they turned in their building permit for a front deck/porch and after construction were told they are 2' over the setback.

City Administrator Mick Michel stated the 2' variance was not unreasonable. The deck was built before the permit was approved but Michel has not heard any complaints about the structure. Michel stated the deck looks good and has been an improvement to the property. Michel stated he had no problem with the board approving the variance.

There was no one present in opposition.

After no further discussion a motion to approve a 2' variance to the front yard setback at 704 2nd Avenue SE as required in Section 165.06.21(D)(ii) of the City Code made by Mark Singsank, seconded by Tara Rahe.

Voting Yea: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber

Voting Nay: Motion carried.

6. Conditional Use Permit for a garage at 2027 Castle Hill Drive SE as required in section 165.09.12 of the City Code. Request submitted by Jeremy & Amy Ries.

Jeremy and Angie Ries – 2027 Castle Hill Drive SE – were present and stated they were asking for approval to build a backyard building. The proposed building exceeds the maximum threshold set by the city code but does meet zoning requirements.

City Administrator Mick Michel stated a conditional use permit would need to be granted for the building. Ries's lot is zoned A-2 which makes it a larger lot. Michel stated there are covenants set forth by the developer and the developer has given his approval for the building. The code sets 720 square feet as the maximum for a building in a residential area, but due to the larger lot size this is a reasonable request. The code will allow the building through the Board of Adjustment process.

Tom Hageman – 2131 Castle Hill Drive SE- was present and stated he is the developer and governs the covenants. Accessory buildings are addressed in the covenant, and it allows for them. Plans and specifications were provided to him and after his review, he feels the size and placement of the building will blend in with the look of the subdivision. Hageman stated they have his support in constructing the building.

There was no one present in opposition.

After no further discussion, a motion to approve a Conditional Use Permit for a garage at 2027 Castle Hill Drive SE as required in section 165.09.12 of the City Code was made by Tara Rahe, seconded by Mark Singsank.

Voting Yea: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber

Voting Nay:

Motion carried.



## ADJOURNMENT

Meeting adjourned at 6:09 pm on a motion by Derek Bredeson, seconded by Ralph Weber.  
Voice Call Voting Yea: Derek Bredeson, Tara Rahe, Ann Salter, Mark Singsank, Ralph Weber  
Voting Nay:  
Motion carried.



Lori A. Panton, recording Secretary





COST PER IMAGE AGREEMENT

AGREEMENT NO.: 1910555

CUSTOMER ("YOU" OR "YOUR")

FULL LEGAL NAME: Dyersville, City of  
ADDRESS: 340 1st Ave E Dyersville, IA 52040-1203  
FEDERAL TAX ID #:

EQUIPMENT AND PAYMENT TERMS				<input type="checkbox"/> SEE ATTACHED SCHEDULE			
TYPE, MAKE, MODEL NUMBER AND SERIAL NUMBER	NOT FINANCED UNDER THIS AGREEMENT	BEGINNING METER READING		MONTHLY IMAGE ALLOWANCE		EXCESS PER IMAGE CHARGE (PLUS TAX)	
		B&W	COLOR	B&W	COLOR	B&W	COLOR
2 Sharp BP-70C31	<input type="checkbox"/>						
1 Sharp BP-70C36	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
TOTAL CONSOLIDATED MONTHLY IMAGE ALLOWANCE AND EXCESS PER IMAGE CHARGES (IF CONSOLIDATED)				10,163	3,172	\$0.0042	\$0.0370

EQUIPMENT LOCATION: As Stated Above  
TERM IN MONTHS: 60  
MONTHLY BASE PAYMENT AMOUNT\*: \$475.04  
SECURITY DEPOSIT:  
METER FREQUENCY: Annually (\*PLUS TAX)

ADDITIONAL SERVICE OPTIONS

By initialing where indicated below, you elect to include the indicated service option(s) for the additional monthly fee of \$5.00 per device per service option.

<b>Secure Data Protection</b> If you do not initial to elect this service, you acknowledge you assume full responsibility for performing all end of lease device data disposal procedures to remove confidential information. Data disposal procedures may be required for your compliance with applicable industry standards and state and federal laws and regulations.	Customer's Initials to Elect: _____	<b>Connectivity Assurance</b> Includes remote connectivity assistance to allow for networked device functionality. If you do not initial to elect this service, you acknowledge that any connectivity work we provide will be billable at our hourly rate.	Customer's Initials to Elect: _____
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CONTRACT

THIS AGREEMENT IS NON-CANCELABLE AND IRREVOCABLE. IT CANNOT BE TERMINATED. PLEASE READ CAREFULLY BEFORE SIGNING. YOU AGREE THAT THIS AGREEMENT AND ANY CLAIM RELATED TO THIS AGREEMENT SHALL BE GOVERNED BY THE INTERNAL LAWS OF THE STATE IN WHICH OUR (OR, IF WE ASSIGN THIS AGREEMENT, OUR ASSIGNEE'S) PRINCIPAL PLACE OF BUSINESS IS LOCATED AND ANY DISPUTE CONCERNING THIS AGREEMENT WILL BE ADJUDICATED IN A FEDERAL OR STATE COURT IN SUCH STATE. YOU HEREBY CONSENT TO PERSONAL JURISDICTION AND VENUE IN SUCH COURTS AND WAIVE TRANSFER OF VENUE. EACH PARTY WAIVES ANY RIGHT TO A JURY TRIAL.

CUSTOMER'S AUTHORIZED SIGNATURE

BY SIGNING THIS PAGE, YOU REPRESENT TO US THAT YOU HAVE RECEIVED AND READ THE ADDITIONAL TERMS AND CONDITIONS APPEARING ON THE SECOND PAGE OF THIS TWO-PAGE AGREEMENT. THIS AGREEMENT IS BINDING UPON OUR ACCEPTANCE HEREOF.

(As Stated Above) X  
CUSTOMER SIGNATURE PRINT NAME & TITLE DATE

OWNER ("WE", "US", "OUR")

Access Systems, Inc.  
OWNER SIGNATURE PRINT NAME & TITLE DATE  
955 SE Olson Dr Waukegan, IA 50263-8455



**ADDITIONAL TERMS AND CONDITIONS****Item 5.**

**1. AGREEMENT.** You want us to now provide you the equipment and/or software referenced herein, together with all replacements, parts, repairs, additions and accessions incorporated therein or attached thereto equipment marked as not financed under this Agreement ("Equipment") and you unconditionally agree to pay us the amounts payable under the terms of this agreement ("Agreement") each period by the due date. This Agreement is binding upon our acceptance hereof and will begin on the date the Equipment is delivered to you or any later date we designate. If we designate a later commencement date, you agree to pay us an additional amount equal to the periodic payments due under this Agreement prorated for the period between the date the Equipment is delivered to you and the commencement date. We may charge you a one-time origination fee of \$99.00. If any amount payable to us is not paid when due, you will pay a late charge equal to: 1) the greater of ten (10) cents for each dollar overdue or twenty-six dollars (\$26.00); or 2) the highest lawful charge, if less. Any security deposit will be commingled with our assets, will not earn interest, and will be returned at the end of the term, provided you are not in default. The base payment will be adjusted proportionately upward or downward: (1) by up to 10% to accommodate changes in the actual Equipment cost; (2) if the shipping charges or taxes differ from the estimate given to you; and/or (3) to comply with the tax laws of the state in which the Equipment is located. We generally do not allow you to pay via credit card, however, if we do accept a credit card payment, you agree to pay our then current surcharge. If for any reason your check is returned for nonpayment, you will pay us a bad check charge of \$30 or, if less, the maximum charge allowed by law. You agree that if we substitute or replace any item of Equipment due to product availability, repair or maintenance issues, that each such substitute item of equipment shall thereby become subject to this Agreement, and be an item of Equipment hereunder, without the need for the parties to sign an amendment hereto.

**2. NET AGREEMENT. THIS AGREEMENT IS NON-CANCELABLE FOR THE ENTIRE AGREEMENT TERM. YOU AGREE THAT YOU ARE UNCONDITIONALLY OBLIGATED TO PAY ALL AMOUNTS DUE UNDER THIS AGREEMENT FOR THE ENTIRE TERM. YOU ARE NOT ENTITLED TO REDUCE OR SET-OFF AGAINST AMOUNTS DUE UNDER THIS AGREEMENT FOR ANY REASON.**

**3. IMAGE CHARGES AND OVERAGES.** You are entitled to make the total number of images shown under Image Allowance (or Total Consolidated Image Allowance, if applicable) each period during the term of this Agreement. If you make more than the allowed images in any period, you will pay us an additional amount equal to the number of the excess images made during such period multiplied by the applicable Excess Per Image Charge. Regardless of the number of images made in any period, you will never pay less than the Base Payment Amount. You agree, upon commencement of this Agreement, to install our electronic meter collection agent ("MCA") on your network to remotely monitor the status and usage of Equipment to allow us to most cost effectively perform the services under this Agreement. If you don't install and maintain the MCA on your network, we may require you to pay us a fee of up to \$10 per month per imaging device connected to that network. For all non-networked devices (and for networked devices if the MCA is not installed), you agree to provide us with the actual meter readings for the device as and when requested by us. We may estimate the number of images made on a device if such meter readings are not received within five days after our request and we may require you to pay, in addition to the above \$10 fee (if applicable), a usage estimation fee of \$5 per device for each such occurrence. You also agree to make the usage payments called for hereunder based on our image estimate, subject to those amounts being adjusted or credited on the next invoice after we receive an actual meter reading (and subject to the Baseline Usage calculation that follows). You agree that our pricing, as reflected in this Agreement, for the services, supplies and maintenance we provide you, is premised on your continued and relatively consistent use of the Equipment under the terms of this Agreement for the full minimum term of the Agreement. The average actual monthly number of images (black and white and, separately, color) that you make using the Equipment during the first twelve months of the term of this Agreement shall be your "Baseline Usage Levels" hereunder. If the actual images you make using the Equipment in any month following the first twelve months of the term of this Agreement are less than fifty percent (50%) of your applicable Baseline Usage Level(s), then we may charge you for each such month, after the first twelve months of the term of this Agreement, as though your actual image usage levels for each such month was ninety percent (90%) of your Baseline Usage Level(s). You agree that the Base Payment Amount and the Excess Per Image Charges may be proportionately increased at any time if our estimated average page coverage is exceeded. After the end of the first year of this Agreement and not more than once each successive twelve-month period thereafter, the Base Payment Amount and the Excess Per Image Charges (and, at our election, the Base Payment Amount and Excess Per Image Charges under any subsequent agreements between you and us that incorporate the terms hereof) may be increased by a maximum of 10% of the then existing payment or charge. Images made on equipment marked as not financed under this Agreement will be included in determining your image and overage charges.

**4. EQUIPMENT USE.** You will keep the Equipment in good working order, free and clear of all liens and claims, use it for business purposes only and not modify or move it from its initial location without our consent. You agree that you will not take the Equipment out of service and have a third party pay (or provide funds to pay) the amounts due hereunder. You will comply with all laws, ordinances, regulations, requirements and rules relating to the use and operation of the Equipment. We will have the right, at any reasonable time, to inspect the Equipment and any documents relating to its use, maintenance and repair.

**5. SERVICES/SUPPLIES.** If we have entered into a separate arrangement with you for maintenance, service, supplies, etc. with respect to the Equipment, payments under this Agreement may include amounts owed under that arrangement, which amounts may be invoiced as one payment for your convenience. MICR supplies are not included and will be billed separately. You agree that you will look solely to us for performance under any such arrangement and for the delivery of any applicable supplies. You may request excess supplies beyond what we determine as necessary under this Agreement and we may provide you such at an additional charge. If your use of supplies exceeds the manufacturer's published yield by more than 10%, we may notify you of such excess usage. If such excess usage does not cease within 30 days after such notice, we may charge you for such excess usage. We may charge you a monthly fee per device not to exceed \$5.00 per device, to cover our costs of standard shipping and handling supplies. Standard shipping typically allows for delivery in no more than three business days. Expedited shipping options are available at an additional cost to you. In addition, if you elect, we may charge you a monthly fee per device ("Connectivity Assurance") for providing remote connectivity troubleshooting throughout the term of the Agreement. The services will be limited to remote technical assistance only and shall not include any related necessary hardware or software costs. If we identify the connectivity problem relates to an IT issue that is outside of our control such as a network setting or IT hardware issue, we will work with your IT department to communicate the necessary information. As an alternative to your IT department, our IT technicians may be able to assist you if provided the necessary access rights but any such work will be billable at our hourly rates. Service calls will be performed during normal business hours of Monday through Friday 8:00 a.m. to 5:00 p.m. except holidays. A separate written agreement must be executed if you may require service calls outside of normal business hours. In the absence of a written agreement and in the instance we are able to perform service calls outside of normal business hours, you agree to pay additional charges at our overtime rates.

**6. SOFTWARE/DATA.** Except as provided in this paragraph, references to "Equipment" include any software referenced above or installed on the Equipment. We do not own the software and cannot transfer any interest in it to you. We are not responsible for the software, license renewal fees, or the obligations of you or the licensor under any license agreement. Any software that is included in the equipment purchased shall be subject to and Customer agrees to abide by the terms of the software license issued in connection with the use of such software. Any annual software license renewals and associated labor for renewals or upgrades or labor for troubleshooting software are not included and will be billed separately unless otherwise stated. You are solely responsible for protecting and removing any confidential data/images stored on the Equipment prior to its return for any reason; provided, however, you may elect to pay a monthly fee per device to have us provide you this service ("Secure Data Protection").

**7. LIMITATION OF WARRANTIES. EXCEPT TO THE EXTENT THAT WE HAVE PROVIDED YOU A WARRANTY IN WRITING, WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. YOU CHOSE ANY/ALL THIRD-PARTY SERVICE PROVIDERS BASED ON YOUR JUDGMENT. YOU MAY CONTACT US OR THE MANUFACTURER FOR A STATEMENT OF THE WARRANTIES, IF ANY, THAT THE MANUFACTURER IS PROVIDING. WE ASSIGN TO YOU ANY WARRANTIES GIVEN TO US.**

**8. ASSIGNMENT.** You may not sell, assign, or sublease the Equipment or this Agreement without our written consent. We may sell or assign this Agreement and our rights in the Equipment, in whole or in part, to a third party without notice to you. **You agree that if we do so, our assignee will have our assigned rights under this Agreement but none of our obligations and will not be subject to any claim, defense, or set-off that may be assertable against us or anyone else.**

**9. LOSS OR DAMAGE.** You are responsible for any damage to or loss of the Equipment. No such loss or damage will relieve you from your payment obligations hereunder. Except for claims, losses, or damages caused by our gross negligence or willful misconduct, you agree to indemnify us and our assignee, if applicable, against any claims, losses, or damages, including attorney fees, in any way relating to the Equipment or data stored on it. In no event will we be liable for any consequential or indirect damages.

**10. INSURANCE.** You agree to maintain commercial general liability insurance acceptable to us. You also agree to: 1) keep the Equipment fully insured against loss at its replacement cost, with us named as lender's loss payee; and 2) provide proof of insurance satisfactory to us no later than 30 days following the commencement of this Agreement, and thereafter upon our written request. If you fail to maintain property loss insurance satisfactory to us and/or you fail to timely provide proof of such insurance, we have the option, but not the obligation, to either (A) secure property loss insurance on the Equipment from a carrier of our choosing in such forms and amounts as we deem reasonable to protect our interests. If we secure insurance on the Equipment, we will not name you as an insured party, your interests may not be fully protected, and you will reimburse us the premium and an insurance fee, which may be higher than the premium you would pay if you obtained insurance, and which may result in a profit to us through an investment in reinsurance; or (B) charge you a monthly property damage surcharge of up to .0035 of the Equipment cost as a result of our credit risk and administrative and other costs, as would be further described on a letter from us to you. We may make a profit on this program. **NOTHING IN THIS SECTION WILL RELIEVE YOU OF RESPONSIBILITY FOR LIABILITY INSURANCE ON THE EQUIPMENT.** If you are current in all of your obligations under the Agreement at the time of loss, any insurance proceeds received will be applied, at our option, to repair or replace the Equipment, or to pay us the remaining payments due or to become due under this Agreement, plus our booked residual, both discounted at 2% per annum.

**11. TAXES.** We own the Equipment. You will pay when due, either directly or by reimbursing us, all taxes and fees (including personal property tax) relating to the Equipment and this Agreement. If we pay any taxes or other expenses that you owe hereunder, you agree to reimburse us when we request and to pay us a processing fee for each expense or charge we pay on your behalf. Sales or use tax due upfront will be payable over the term with a finance charge. You hereby grant us a security interest in the Equipment to secure all amounts you owe us under any agreement with us, to be released at the end of the term provided you have performed all of your obligations under this Agreement.

**12. END OF TERM.** At the end of the term of this Agreement (or any renewal term) (the "End Date"), this Agreement will renew for an additional one-year period under the same terms unless a) you provide us written notice, at least 60 days prior to the End Date, of your intent to return the Equipment, and b) you timely return the Equipment to the location designated by us, at your expense. If the returned Equipment is not immediately available for use by another without need of repair, you will reimburse us for all repair costs. You cannot pay off this Agreement or return the Equipment prior to the End Date without our consent. If we consent, we may charge you, in addition to other amounts owed, an early termination fee equal to 5% of the price of the Equipment.

**13. DEFAULT AND REMEDIES.** You will be in default if: (a) you do not pay any payment or other sum due to us or any other person when due or if you fail to perform in accordance with the covenants, terms and conditions of this Agreement or any other agreement with us or any of our affiliates or any material agreement with any other lender, (b) you make or have made any false statement or misrepresentation to us, (c) you or any guarantor dies, dissolves or terminates existence, (d) there has been a material adverse change in your or any guarantor's financial, business or operating condition, or (e) any guarantor defaults under any guaranty for this Agreement. If you are ever in default, at our option, we can terminate this Agreement and we may require that you return the Equipment to us at your expense and pay us: 1) all past due amounts and 2) all remaining payments for the unexpired term, plus our booked residual, both discounted at 2% per annum. We may also use all other legal remedies available to us, including disabling or repossessing the Equipment and requiring you to immediately stop using any financed software. You agree to pay all our costs and expenses, including reasonable attorney fees and repossession costs, incurred in enforcing this Agreement. You also agree to pay interest on all past due amounts, from the due date, at 1.5% per month. Any delay or failure to enforce our rights under this Agreement will not prevent us from enforcing any rights at a later time. If interest is charged or collected in excess of the maximum lawful rate, we will refund such excess to you, which will be your sole remedy.

**14. UCC.** If we assign rights in this Agreement for financing purposes, you agree that this Agreement, in the hands of our assignee, is, or shall be treated as, a "Finance Lease" as that term is defined in Article 2A of the Uniform Commercial Code ("UCC"). You agree to forgo the rights and remedies provided under sections 507-522 of Article 2A of the UCC.

**15. MISCELLANEOUS.** This Agreement is the entire agreement between you and us relating to our providing and your use of the Equipment and supersedes any prior representations or agreements, including any purchase orders. Amounts payable under this Agreement may include a profit to us. Within 30 days after our request, you will deliver all requested information (including tax returns) which we deem reasonably necessary to determine your current financial condition and faithful performance of the terms hereof. The parties agree that (i) this Agreement and any related documents hereto may be authenticated by electronic means; (ii) the "original" of this Agreement shall be the copy that bears your manual, facsimile, scanned or electronic signature and that also bears our manually signed signature; and (iii) to the extent this Agreement constitutes chattel paper (as defined by the UCC), a security interest may only be created in the original. You agree not to raise as a defense to the enforcement of this Agreement or any related documents that you executed or authenticated such documents by electronic or digital means or that you used facsimile or other electronic means to transmit your signature on such documents. Notwithstanding anything to the contrary herein, we reserve the right to require you to sign this Agreement or any related documents hereto manually. If a court finds any provision of this Agreement unenforceable, the remaining terms of this Agreement shall remain in effect. You authorize us to either insert or correct your proper legal name, the Agreement number, serial numbers, model numbers, beginning date, and signature date, and acknowledge that if we filled in any of the above, we did so on your behalf. All other modifications to the Agreement must be in writing signed by each party.





## GROUP BILLING SCHEDULE

AGREEMENT NO.: **1910555**

This Group Billing Schedule (hereafter "Schedule") is hereby made a part of that certain agreement by and between Dyersville, City of ("Customer") and Access Systems, Inc. ("Owner"), which Agreement is identified in Owner's records as the Agreement No. stated above ("Agreement"). The Excess Per Fax Charges under the Agreement shall be determined under this Schedule. If there is any provision in this Schedule which conflicts with a provision in the Agreement, the provision in this Schedule shall govern.

**GROUP NAME****GROUP 1**

SERVICE DESCRIPTION	NOT FINANCED UNDER THIS AGREEMENT			MONTHLY FAX ALLOWANCE		EXCESS PER FAX CHARGE (PLUS TAX)	
				B&W	COLOR	B&W	COLOR
<b>eGoldFax</b>	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						
TOTAL CONSOLIDATED MONTHLY FAX ALLOWANCE AND EXCESS PER FAX CHARGES (IF CONSOLIDATED)				<b>250</b>	<b>N/A</b>	<b>\$0.10</b>	<b>N/A</b>

SERVICE LOCATION: **As Stated Above**METER FREQUENCY: **Monthly****VERIFICATION**

The undersigned acknowledges having received a copy of this Schedule. A copy of this document containing your original or facsimile signature, or other indication of your intent to agree to the terms set forth herein, shall be enforceable for all purposes.

**(As Stated Above)****X**

CUSTOMER

SIGNATURE

PRINT NAME &amp; TITLE

DATE



NON-APPROPRIATION ADDENDUM

Item 5.

This is an addendum (“Addendum”) to and part of that certain agreement between Access Systems, Inc. (“we”, “us”, “our”) and Dyersville, City of (“Governmental Entity”, “you”, “your”), which agreement is identified in our records as agreement number 1910555 (“Agreement”). All capitalized terms used in this Addendum which are not defined herein shall have the meanings given to such terms in the Agreement.

APPLICABLE TO GOVERNMENTAL ENTITIES ONLY

You hereby represent and warrant to us that as of the date of the Agreement: (a) you are a municipal corporation and political subdivision duly organized and existing under the laws of the state; (b) you have never failed to appropriate or otherwise make available funds sufficient to pay rental or other payments coming due under any lease or similar agreement; (c) the individual who executed the Agreement had full power and authority to execute the Agreement on your behalf; (d) all required procedures necessary to make the Agreement a legal and binding obligation against you have been followed; (e) the Equipment will be operated and controlled by you and will be used for essential government purposes for the entire term of the Agreement; (f) that all payments due and payable for the current fiscal year are within the current budget and are within an available, unexhausted, and unencumbered appropriation; (g) you intend to pay all amounts payable under the terms of the Agreement when due, if funds are legally available to do so; (h) your obligations to remit amounts under the Agreement constitute a current expense and not a debt under applicable state law; (i) no provision of the Agreement constitutes a pledge of your tax or general revenues; and (j) you will comply with any applicable information reporting requirements of the tax code, which may include 8038-G or 8038-GC Information Returns. If funds are not appropriated to pay amounts due under the Agreement for any future fiscal period, you shall have the right to return the Equipment (subject to the terms of the Agreement) and terminate the Agreement on the last day of the fiscal period for which funds were available, without penalty or additional expense to you (other than the expense of returning the Equipment to the location designated by us), provided that at least sixty (60) days prior to the start of the fiscal period for which funds were not appropriated, your Chief Executive Officer (or Legal Counsel) delivers to us a certificate (or opinion) certifying that (a) you are a state or a fully constituted political subdivision or agency of the state in which you are located; (b) funds have not been appropriated for the applicable fiscal period to pay amounts due under the Agreement; (c) such non-appropriation did not result from any act or failure to act by you; and (d) you have exhausted all funds legally available for the payment of amounts due under the Agreement. You agree that this paragraph shall only apply if, and to the extent that, state law precludes you from entering into the Agreement if the Agreement constitutes a multi-year unconditional payment obligation. A copy of this document containing your original or facsimile signature, or other indication of your intent to agree to the terms set forth herein, shall be enforceable for all purposes.

The undersigned, as a representative of the Governmental Entity, agrees that this Addendum is made a part of the Agreement.

GOVERNMENTAL ENTITY’S AUTHORIZED SIGNATURE		
(As Stated Above)	X	
	SIGNATURE	PRINT NAME & TITLE
OUR SIGNATURE		
Access Systems, Inc.		
	SIGNATURE	PRINT NAME & TITLE
		DATE



Amendment

Item 5.

This Amendment amends that certain agreement by and between Access Systems, Inc. ("Owner") and Dyersville, City of ("Customer") which agreement is identified in the Owner's internal books and records as Agreement No. 1910555 (the "Agreement"). All capitalized terms used in this Amendment, which are not otherwise defined herein, shall have the meanings given to such terms in the Agreement. Owner and Customer have mutually agreed that the following modifications be made to the Agreement.

1. The sentence in the section entitled "**IMAGE CHARGES AND OVERAGES**" which reads "After the end of the first year of this Agreement and not more than once each successive twelve-month period thereafter, the Base Payment Amount and the Excess Per Image Charges (and, at our election, the Base Payment Amount and Excess Per Image Charges under any subsequent agreements between you and us that incorporate the terms hereof) may be increased by a maximum of 10% of the then existing payment or charge," is hereby deleted in its entirety and replaced with the following:

"After the end of the fifth year of this Agreement and not more than once each successive twelve-month period thereafter, the Base Payment Amount and the Excess Per Image Charges (and, at our election, the Base Payment Amount and Excess Per Image Charges under any subsequent agreements between you and us that incorporate the terms hereof) may be increased by a maximum of 10 % of the then existing payment or charge."

Except as specifically modified by this Amendment, all other terms and conditions of the Agreement remain in full force and effect. If, and to the extent there is a conflict between the terms of this Amendment and the terms of the Agreement, the terms of this Amendment shall control. A copy of this document containing your original or facsimile signature or other indication of your intent to agree to the terms set forth herein shall be enforceable for all purposes. This Amendment is not binding until accepted by Owner.

Access Systems, Inc.  
Owner  
  
By:  
Signature  
  
Print Name & Title  
  
Date Accepted:

Dyersville, City of  
Customer  
  
By: X  
Signature  
  
Print Name & Title  
  
Date:



Amendment

Item 5.

This Amendment amends that certain agreement by and between Access Systems, Inc. ("Owner") and Dyersville, City of ("Customer") which agreement is identified in the Owner's internal books and records as Agreement No. 1910555 (the "Agreement"). All capitalized terms used in this Amendment, which are not otherwise defined herein, shall have the meanings given to such terms in the Agreement. Owner and Customer have mutually agreed that the following modifications be made to the Agreement.

1. The following sentence is hereby deleted from section 5 entitled "SERVICES/SUPPLIES":

"We may charge you a monthly fee per device not to exceed \$5.00 per device, to cover our costs of shipping and handling supplies."

Except as specifically modified by this Amendment, all other terms and conditions of the Agreement remain in full force and effect. If, and to the extent there is a conflict between the terms of this Amendment and the terms of the Agreement, the terms of this Amendment shall control. A copy of this document containing your original or facsimile signature or other indication of your intent to agree to the terms set forth herein shall be enforceable for all purposes. This Amendment is not binding until accepted by Owner.

Access Systems, Inc.  
Owner  
  
By:  
Signature  
  
Print Name & Title  
  
Date Accepted:

Dyersville, City of  
Customer  
  
By: X  
Signature  
  
Print Name & Title  
  
Date:





### Customer Equipment Pickup Authorization Form ("EPAF")

<b>Customer Name</b>				<b>Customer Number</b>		<b>EPAF Number</b>	
Dyersville, City of				MBP-DYE12		355236	
<b>Address</b>				<b>Date</b>		<b>Agreement Number(s)</b>	
340 1st Ave E						MBP-1418697-000	
<b>City</b>	<b>State</b>	<b>Zip</b>	<b>Email</b>		<b>MBP-1398887-000</b>		
Dyersville	IA	52040	tmaiers@cityofdyersville.com		MBP-1418711-000		
<b>Contact Name</b>				<b>Phone</b>		<b>DYE12-121018-C-121018-01</b>	
Tricia Maers				(563) 875-7724			

Equipment Address	City	State	Zip	ID #	Make	Model	Serial Number	Dept/Location	Pick up (Y/N)	Return Location
338 1st Ave E	Dyersville	IA	52040	MBP-22958	Sharp	MX3070V	85132525	Back Office	Y	Upgrade
320 1st Ave E	Dyersville	IA	52040	MBP-22680	Sharp	MX-4070V	85107575	Circulation Desk Area	Y	Upgrade
340 1st Ave E	Dyersville	IA	52040	MBP-21077	Sharp	MX3115N	35052750	City Council Conference Room	Y	W
340 1st Ave E	Dyersville	IA	52040	MBP-22959	Sharp	MX-4070V	85102504	Office	N	
Toner Pickup Qty										

Return Location Comments: \_\_\_\_\_

#### Additional Service Offering - Secure Data Protection / Data Disposal Procedures

You are solely responsible for protecting and/or removing any confidential data/images stored on the above equipment prior to its pickup by Access Systems; provided, however, you may elect to pay us a \$300.00 per device fee to have us provide you this service. Please note this service is free of charge if you previously elected our Secure Data Protection services for the above equipment.

Customer's Initials to  
Elect \_\_\_\_\_

Access Systems may be picking up the above equipment which was previously leased to you by us. In such circumstances, the economics of any related agreement for us to provide you new equipment assumes you will pay all invoices billed to you prior to the delivery of the new equipment. Thus, please timely remit payment on all invoices which have a bill date prior to our delivery of the new equipment.

By signing below, you authorize Access Systems to remove the Equipment listed above and you agree to release Access Systems from any liability relating to this Equipment, including, but not limited to, any obligations to third parties such as lease or maintenance agreements. Furthermore, if you fail to provide your signature below, you acknowledge that your receipt of this form serves as your authorization and acceptance of the terms herein unless you otherwise expressly provide written notification to EquipmentDetails@AccessSystems.com within seven calendar days of your receipt of this form.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

#### Acknowledgement Signature - To Be Completed Upon Pick-up of Equipment

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_



The Brown's Hometown Victory Foundation is looking to host an October, Friday the 13th event and wondering if we could use the smaller soccer field near the playground equipment for the event?

We are looking to have the event run from 3:30pm-10pm and have the following activities:

- Pumpkin Carving Contest
- Halloween Craft Area
- Food Stations: Hot dogs, chips, pizza, popcorn
- Drive-In Movie that starts at 7pm. We have our own movie equipment and can power it through an electric vehicle

Please let me know if you need further information and what the next steps are to get this event approved.

Thank you!

Best Regards,

**Megan Vorwald** | COMMUNITY COORDINATOR

**W** (563) 538-6611 | **F** (563) 875-7482

[mvorwald@victorywithbrowns.com](mailto:mvorwald@victorywithbrowns.com)



30584 Olde Hawkeye Rd. | Dyersville, IA 52040

[victorywithbrowns.com](http://victorywithbrowns.com)





340 1st Avenue East, Dyersville, Iowa 52040 • Phone: 563-875-7724 • Fax: 563-875-8238

[www.cityofdyersville.com](http://www.cityofdyersville.com)

## Bi-County Ambulance Rent

The CPI Inflation Calculator attached (Consumer Price Index) went up so the rent effective October 1, 2023 should be \$1,300.14 a month.

2023	3%	\$1,300.14
2022	8.5%	\$1,262.50
2021	5.4%	\$1,163.19
2020	1%	\$1,103.96
2019	1.8%	\$1,093.18
2018	3%	\$1,073.73
2017	4.33%	\$1,042.97
2016	2.38%	\$999.68
2015	No increase	\$976.44
2014	4.75%	\$976.44
2013	No increase	\$932.16
2012	3.56%	\$932.16
2011	7.72%	\$900.11
2010	2.62%	\$835.60
2009	No increase	\$814.26
2008	10.52%	\$814.26
2007	4.8%	\$736.75
2006	8%	\$703.00
2005	6%	\$651.00
2004	5.5%	\$617.00

Thanks

Tricia L. Maiers  
City Clerk | Treasurer



# CPI Inflation Calculator

\$

in

has the same buying power as

in



# City of Dyersville

340 1st Avenue East, Dyersville, Iowa 52040 • Phone: 563-875-7724 • Fax: 563-875-8238  
www.cityofdyersville.com

## Treasurer's Report

August, 2023

<b>Bank balance</b>	Petty Cash	General Checking	Community Savings Bank	Flex Spending Savings	Fidelity Bank HRA Checking	Fidelity Bank Police Forfeiture	Library Trust	TOTAL
<b>Account #'s</b>	001-1-100	001-1-102   1-103	001-1-1105	001-1-112	001-1-1140	128-1-1104	002-1-110	
Balance per bank (Ending Balance)	\$ 100.00	\$ 1,630,330.66	\$ 97,646.36	\$ 2,913.57	\$ 7,439.82	\$ 4,098.65	\$ 98,884.07	\$ 1,841,413.13
Outstanding Deposits		\$ 845.11						\$ 845.11
Outstanding Other		\$ (39,061.46)		\$ 22.00				\$ (39,039.46)
Adjustment				\$ 89.74			\$ 4.97	\$ 94.71
Outstanding Checks		\$ (13,758.84)						\$ (13,758.84)
<b>BANK BALANCE</b>	\$ 100.00	\$ 1,578,355.47	\$ 97,646.36	\$ 3,025.31	\$ 7,439.82	\$ 4,098.65	\$ 98,889.04	\$ 1,789,554.65
Difference Bank / Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fund:								
001 - General		\$ (634,988.33)	\$ 70,641.33	\$ 11,810.21	\$ 7,439.82			\$ (545,096.97)
002 - Library Trust		\$ (14,888.11)					\$ 98,889.04	\$ 84,000.93
110 - Road Use Tax		\$ 148,227.88		\$ (1,857.08)				\$ 146,370.80
112 - Trust & Agency		\$ 43,011.00						\$ 43,011.00
121 - Local Option Tax Reserve		\$ 885,547.24	\$ 27,005.03					\$ 912,552.27
128 - CDBG / Flood		\$ 1,561,490.78				\$ 4,098.65		\$ 1,565,589.43
135 - Dyersville TIF District		\$ 2,793,331.06						\$ 2,793,331.06
200 - Debt Service		\$ 3,169,385.66						\$ 3,169,385.66
301 - Capital Improvements		\$ (3,819,776.80)						\$ (3,819,776.80)
600 - Water	\$ 100.00	\$ 89,433.74		\$ (1,952.09)				\$ 87,581.65
601 - Water Sinking Fund		\$ 2,261,489.03						\$ 2,261,489.03
602 - Water Capital		\$ (3,599,723.08)						\$ (3,599,723.08)
610 - Sewer		\$ 371,413.27		\$ (3,424.58)				\$ 367,988.69
611 - Sewer Sinking		\$ (676,130.07)						\$ (676,130.07)
612 - Sewer Capital		\$ (943,700.29)						\$ (943,700.29)
670 - Solid Waste		\$ (55,767.51)		\$ (1,551.15)				\$ (57,318.66)
<b>FUND BALANCE</b>	\$ 100.00	\$ 1,578,355.47	\$ 97,646.36	\$ 3,025.31	\$ 7,439.82	\$ 4,098.65	\$ 98,889.04	\$ 1,789,554.65





Dyersville, IA

# Bank Statement Register

Item 8.

## POOLED CASH-FIDELITY

Period 8/1/2023 - 8/31/2023

Packet: BRPKT00177

Bank Statement		General Ledger	
Beginning Balance	1,516,660.63	Account Balance	1,483,472.39
Plus Debits	1,525,221.65	Less Outstanding Debits	2,662.14
Less Credits	1,506,434.70	Plus Outstanding Credits	54,637.33
Adjustments	0.00	Adjustments	0.00
Ending Balance	1,535,447.58	Adjusted Account Balance	1,535,447.58
Statement Ending Balance		1,535,447.58	
Bank Difference		0.00	
General Ledger Difference		0.00	

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

999-1-1030-000 POOLED CASH-FIDELITY

### Cleared Deposits

Item Date	Reference	OpenEdge Batch	Merchant	Description	Amount
07/31/2023	<a href="#">DEP0006305</a>	000588 Insite	Mastercard -	CLPKT01449 BG:OP	88.00
08/01/2023	<a href="#">DEP0006308</a>			CLPKT01450 BG:Daily Deposit	781.35
08/01/2023	<a href="#">DEP0006308</a>	000588 Insite	Mastercard -	CLPKT01450 BG:OP	953.80
08/01/2023	<a href="#">DEP0006308</a>			CLPKT01450 BG:Credit Card	66.53
08/02/2023	<a href="#">DEP0006314</a>	000589 Insite	Mastercard -	CLPKT01451 BG:OP	1,047.74
08/02/2023	<a href="#">DEP0006314</a>			CLPKT01451 BG:Daily Deposit	2,416.89
08/02/2023	<a href="#">DEP0006314</a>	000590 Insite	Mastercard -	CLPKT01451 BG:OP	247.96
08/02/2023	<a href="#">DEP0006314</a>			CLPKT01451 BG:Credit Card	36.29
08/02/2023	<a href="#">DEP0006314</a>	000317 Point Of Sale	Open Edge	CLPKT01451 BG:Credit Card	199.23
08/03/2023	<a href="#">DEP0006317</a>			CLPKT01452 BG:Daily Deposit	2,842.41
08/03/2023	<a href="#">DEP0006317</a>	000591 Insite	Mastercard -	CLPKT01452 BG:OP	556.30
08/03/2023	<a href="#">DEP0006317</a>	000590 Insite	Mastercard -	CLPKT01452 BG:OP	600.60
08/04/2023	<a href="#">DEP0006324</a>	000592 Insite	Mastercard -	CLPKT01453 BG:OP	1,154.75
08/04/2023	<a href="#">DEP0006324</a>	000318 Point Of Sale	Open Edge	CLPKT01453 BG:Credit Card	100.03
08/04/2023	<a href="#">DEP0006324</a>	000319 Point Of Sale	Open Edge	CLPKT01453 BG:Credit Card	144.39
08/04/2023	<a href="#">DEP0006324</a>			CLPKT01453 BG:Daily Deposit	3,735.09
08/04/2023	<a href="#">DEP0006324</a>			CLPKT01453 BG:Credit Card	138.18
08/04/2023	<a href="#">DEP0006324</a>	000591 Insite	Mastercard -	CLPKT01453 BG:OP	292.42
08/07/2023	<a href="#">DEP0006327</a>			CLPKT01454 BG:Credit Card	242.30
08/07/2023	<a href="#">DEP0006327</a>	000594 Insite	Mastercard -	CLPKT01454 BG:OP	84.11
08/07/2023	<a href="#">DEP0006327</a>	000593 Insite	Mastercard -	CLPKT01454 BG:OP	371.74
08/07/2023	<a href="#">DEP0006327</a>	000319 Point Of Sale	Open Edge	CLPKT01454 BG:Credit Card	22.98
08/07/2023	<a href="#">DEP0006327</a>	000592 Insite	Mastercard -	CLPKT01454 BG:OP	723.27
08/07/2023	<a href="#">DEP0006327</a>	000595 Insite	Mastercard -	CLPKT01454 BG:OP	234.01
08/07/2023	<a href="#">DEP0006327</a>			CLPKT01454 BG:Daily Deposit	14,297.11



## Cleared Deposits

Item 8.

Item Date	Reference	OpenEdge Batch	Merchant	Description	Amount
08/08/2023	<a href="#">DEP0006333</a>			CLPKT01455 BG:Daily Deposit	2,544.17
08/08/2023	<a href="#">DEP0006333</a>	000596 Insite	Mastercard -	CLPKT01455 BG:OP	69.03
08/09/2023	<a href="#">DEP0006336</a>			CLPKT01456 BG:Credit Card	56.29
08/09/2023	<a href="#">DEP0006336</a>	000596 Insite	Visa - Insite	CLPKT01456 BG:OP	4.18
08/09/2023	<a href="#">DEP0006336</a>	000320 Point Of Sale	Open Edge	CLPKT01456 BG:Credit Card	50.18
08/09/2023	<a href="#">DEP0006336</a>			CLPKT01456 BG:Daily Deposit	7,235.48
08/10/2023	<a href="#">DEP0006339</a>	000598 Insite	Visa - Insite	CLPKT01457 BG:OP	625.40
08/10/2023	<a href="#">DEP0006339</a>	000321 Point Of Sale	Open Edge	CLPKT01457 BG:Credit Card	145.11
08/10/2023	<a href="#">DEP0006339</a>	000597 Insite	Visa - Insite	CLPKT01457 BG:OP	225.57
08/10/2023	<a href="#">DEP0006339</a>			CLPKT01457 BG:Daily Deposit	10,262.95
08/11/2023	<a href="#">DEP0006342</a>			CLPKT01458 BG:Daily Deposit	7,149.12
08/11/2023	<a href="#">DEP0006342</a>	000599 Insite	Visa - Insite	CLPKT01458 BG:OP	500.00
08/11/2023	<a href="#">DEP0006342</a>	000598 Insite	Mastercard -	CLPKT01458 BG:OP	106.71
08/11/2023	<a href="#">DEP0006342</a>			CLPKT01458 BG:Dubuque Cnty Treasur	195.00
08/11/2023	<a href="#">DEP0006342</a>			CLPKT01458 BG:Credit Card	148.51
08/14/2023	<a href="#">DEP0006348</a>	000599 Insite	Mastercard -	CLPKT01459 BG:OP	128.14
08/14/2023	<a href="#">DEP0006348</a>			CLPKT01459 BG:Daily Deposit	22,440.19
08/14/2023	<a href="#">DEP0006348</a>	000601 Insite	Mastercard -	CLPKT01459 BG:OP	35.38
08/14/2023	<a href="#">DEP0006348</a>	000600 Insite	Discover - Ins	CLPKT01459 BG:OP	65.28
08/14/2023	<a href="#">DEP0006348</a>	000322 Point Of Sale	Open Edge	CLPKT01459 BG:Credit Card	35.00
08/15/2023	<a href="#">DEP0006351</a>			Utility Reverse Payment Packet UBPKT0	-269.59
08/15/2023	<a href="#">DEP0006354</a>			CLPKT01460 BG:Daily Deposit	2,093.36
08/15/2023	<a href="#">DEP0006354</a>	000602 Insite	Mastercard -	CLPKT01460 BG:OP	341.56
08/15/2023	<a href="#">DEP0006354</a>	000603 Insite	Mastercard -	CLPKT01460 BG:OP	2,193.30
08/15/2023	<a href="#">DEP0006354</a>	000323 Point Of Sale	Open Edge	CLPKT01460 BG:Credit Card	230.00
08/16/2023	<a href="#">DEP0006357</a>			CLPKT01461 BG:Daily Deposit	4,605.38
08/16/2023	<a href="#">DEP0006357</a>	000604 Insite	Mastercard -	CLPKT01461 BG:OP	87.86
08/16/2023	<a href="#">DEP0006357</a>	000603 Insite	Mastercard -	CLPKT01461 BG:OP	14.92
08/16/2023	<a href="#">DEP0006357</a>		Open Edge	CLPKT01461 BG:Credit Card	90.46
08/17/2023	<a href="#">DEP0006361</a>	000604 Insite	Mastercard -	CLPKT01462 BG:OP	69.03
08/17/2023	<a href="#">DEP0006361</a>	000605 Insite	Visa - Insite	CLPKT01462 BG:OP	69.03
08/17/2023	<a href="#">DEP0006361</a>			CLPKT01462 BG:Credit Card	56.29
08/17/2023	<a href="#">DEP0006361</a>			CLPKT01462 BG:Daily Deposit	5,765.72
08/17/2023	<a href="#">DEP0006361</a>	000606 Insite	Mastercard -	CLPKT01462 BG:OP	313.78
08/18/2023	<a href="#">DEP0006370</a>	000326 Point Of Sale	Open Edge	CLPKT01463 BG:Credit Card	433.17
08/18/2023	<a href="#">DEP0006370</a>	000607 Insite	Visa - Insite	CLPKT01463 BG:OP	1,145.20
08/18/2023	<a href="#">DEP0006370</a>			CLPKT01463 BG:State of Iowa	263.15
08/18/2023	<a href="#">DEP0006370</a>			CLPKT01463 BG:Daily Deposit	7,550.50
08/18/2023	<a href="#">DEP0006370</a>		Open Edge	CLPKT01463 BG:Credit Card	194.58
08/18/2023	<a href="#">DEP0006370</a>	000606 Insite	Mastercard -	CLPKT01463 BG:OP	125.55
08/18/2023	<a href="#">DEP0006399</a>			Utility Payment Packet UBPKT01638	217.06
08/18/2023	<a href="#">DEP0006521</a>			Utility Reverse Payment Packet UBPKT0	-105.63
08/18/2023	<a href="#">DEP0006524</a>			Utility Payment Packet UBPKT01697	81.77
08/21/2023	<a href="#">DEP0006372</a>			ACH Draft Packet UBPKT01609	126,361.70
08/21/2023	<a href="#">DEP0006375</a>	000608 Insite	Mastercard -	CLPKT01464 BG:OP	560.06



## Cleared Deposits

Item 8.

Item Date	Reference	OpenEdge Batch	Merchant	Description	Amount
08/21/2023	<a href="#">DEP0006375</a>			CLPKT01464 BG:Daily Deposit	14,187.84
08/21/2023	<a href="#">DEP0006375</a>	000610 Insite	Mastercard -	CLPKT01464 BG:OP	892.06
08/21/2023	<a href="#">DEP0006375</a>	000607 Insite	Mastercard -	CLPKT01464 BG:OP	517.28
08/21/2023	<a href="#">DEP0006375</a>	000609 Insite	Mastercard -	CLPKT01464 BG:OP	2,056.55
08/21/2023	<a href="#">DEP0006375</a>		Open Edge	CLPKT01464 BG:Credit Card	87.86
08/22/2023	<a href="#">DEP0006378</a>		Open Edge	CLPKT01465 BG:Credit Card	182.07
08/22/2023	<a href="#">DEP0006378</a>		Open Edge	CLPKT01465 BG:Credit Card	87.86
08/22/2023	<a href="#">DEP0006378</a>	000611 Insite	Mastercard -	CLPKT01465 BG:OP	162.88
08/22/2023	<a href="#">DEP0006378</a>			CLPKT01465 BG:Daily Deposit	5,647.94
08/22/2023	<a href="#">DEP0006378</a>	000610 Insite	Mastercard -	CLPKT01465 BG:OP	450.52
08/23/2023	<a href="#">DEP0006384</a>	000611 Insite	Mastercard -	CLPKT01466 BG:OP	759.64
08/23/2023	<a href="#">DEP0006384</a>			CLPKT01466 BG:Daily Deposit	1,377.92
08/23/2023	<a href="#">DEP0006384</a>	000612 Insite	Mastercard -	CLPKT01466 BG:OP	54.12
08/23/2023	<a href="#">DEP0006384</a>	000328 Point Of Sale	Open Edge	CLPKT01466 BG:Credit Card	112.71
08/23/2023	<a href="#">DEP0006387</a>			Utility Reverse Payment Packet UBPKT0	-401.47
08/23/2023	<a href="#">DEP0006412</a>			Utility Payment Packet UBPKT01649	69.03
08/23/2023	<a href="#">DEP0006417</a>			Utility Reverse Payment Packet UBPKT0	-69.03
08/24/2023	<a href="#">DEP0006390</a>			Utility Reverse Payment Packet UBPKT0	-115.72
08/24/2023	<a href="#">DEP0006393</a>	000613 Insite	Mastercard -	CLPKT01467 BG:OP	73.30
08/24/2023	<a href="#">DEP0006393</a>		Open Edge	CLPKT01467 BG:Credit Card	75.28
08/24/2023	<a href="#">DEP0006393</a>			CLPKT01467 BG:Daily Deposit	485.71
08/25/2023	<a href="#">DEP0006402</a>	000329 Point Of Sale	Open Edge	CLPKT01468 BG:Credit Card	117.25
08/25/2023	<a href="#">DEP0006402</a>		Open Edge	CLPKT01468 BG:Credit Card	200.91
08/25/2023	<a href="#">DEP0006402</a>	000613 Insite	Mastercard -	CLPKT01468 BG:OP	150.04
08/25/2023	<a href="#">DEP0006402</a>	000614 Insite	Mastercard -	CLPKT01468 BG:OP	493.35
08/25/2023	<a href="#">DEP0006402</a>			CLPKT01468 BG:Daily Deposit	2,093.04
08/28/2023	<a href="#">DEP0006405</a>	000614 Insite	Mastercard -	CLPKT01469 BG:OP	93.86
08/28/2023	<a href="#">DEP0006405</a>			CLPKT01469 BG:Daily Deposit	1,523.25
08/28/2023	<a href="#">DEP0006405</a>	000616 Insite	Mastercard -	CLPKT01469 BG:OP	75.03
08/28/2023	<a href="#">DEP0006405</a>	000617 Insite	Mastercard -	CLPKT01469 BG:OP	223.64
08/28/2023	<a href="#">DEP0006405</a>	000615 Insite	Visa - Insite	CLPKT01469 BG:OP	77.75
08/28/2023	<a href="#">DEP0006408</a>			Utility Reverse Payment Packet UBPKT0	-131.55
08/29/2023	<a href="#">DEP0006414</a>			CLPKT01470 BG:Daily Deposit	708.71
08/29/2023	<a href="#">DEP0006414</a>	000331 Point Of Sale	Open Edge	CLPKT01470 BG:Credit Card	206.91
08/29/2023	<a href="#">DEP0006414</a>	000617 Insite	Visa - Insite	CLPKT01470 BG:OP	301.03
08/30/2023	<a href="#">DEP0006423</a>	000618 Insite	Mastercard -	CLPKT01471 BG:OP	74.02
08/30/2023	<a href="#">DEP0006423</a>			CLPKT01471 BG:Daily Deposit	490.66
08/31/2023	<a href="#">DEP0006426</a>			CLPKT01472 BG:Daily Deposit	634.92
08/31/2023	<a href="#">DEP0006469</a>			CLPKT01484 BG:Dubuque Cnty Treasur	8,934.22
08/31/2023	<a href="#">DEP0006469</a>			CLPKT01484 BG:State of Iowa	1,240,109.77
Total Cleared Deposits (110)					1,518,958.54



## Cleared Checks

Item 8.

Item Date	Reference	Item Type	Description	Amount
07/31/2023	<a href="#">21828</a>	Check	POSTMASTER	-875.16
08/07/2023	<a href="#">21829</a>	Check	ALLIANT ENERGY	-16,912.93
08/07/2023	<a href="#">21830</a>	Check	AMERICAN LEGION POST 137	-14,718.91
08/07/2023	<a href="#">21831</a>	Check	DYERSVILLE EVENTS	-25,000.00
08/07/2023	<a href="#">21832</a>	Check	IMON COMMUNICATIONS LLC	-1,005.00
08/07/2023	<a href="#">21833</a>	Check	IOWA DEPT OF NATURAL RESOURCES	-1,275.00
08/07/2023	<a href="#">21834</a>	Check	MAQUOKETA VALLEY ELECTRIC COOP	-1,056.72
08/07/2023	<a href="#">21835</a>	Check	WINDSTREAM	-568.20
08/08/2023	<a href="#">21836</a>	Check	Anna Durr	-113.05
08/08/2023	<a href="#">21837</a>	Check	Skylore Arp	-70.59
08/08/2023	<a href="#">21838</a>	Check	Elizabeth Edens	-89.43
08/22/2023	<a href="#">21839</a>	Check	ALLIANT ENERGY	-5,759.99
08/22/2023	<a href="#">21840</a>	Check	AMAZON	-1,828.05
08/22/2023	<a href="#">21842</a>	Check	BICYCLING	-15.00
08/22/2023	<a href="#">21843</a>	Check	BLACK HILLS ENERGY	-786.12
08/22/2023	<a href="#">21844</a>	Check	CENGAGE LEARNING	-236.71
08/22/2023	<a href="#">21846</a>	Check	FL KRAPFL INC	-526,699.37
08/22/2023	<a href="#">21848</a>	Check	HOT ROD MAGAZINE	-16.00
08/22/2023	<a href="#">21849</a>	Check	IMON COMMUNICATIONS LLC	-1,005.00
08/22/2023	<a href="#">21850</a>	Check	IOWA PARKS & RECREATION ASSOCIATION	-175.00
08/22/2023	<a href="#">21852</a>	Check	MAQUOKETA VALLEY ELECTRIC COOP	-3,400.09
08/22/2023	<a href="#">21853</a>	Check	NATURAL HISTORY	-34.95
08/22/2023	<a href="#">21854</a>	Check	PORTZEN CONSTRUCTION INC	-72,469.36
08/22/2023	<a href="#">21855</a>	Check	SALEM PRESS	-489.25
08/22/2023	<a href="#">21856</a>	Check	TOP GRADE EXCAVATING INC	-5,177.50
08/22/2023	<a href="#">21857</a>	Check	TSCHIGGFRIE EXCAVATING CO.	-10,757.67
Total Cleared Checks (26)				-690,535.05

## Cleared Other

Item Date	Reference	Item Type	Description	Amount
07/07/2023	<a href="#">DFT0002581</a>	Bank Draft	IPERS	-3,374.87
07/07/2023	<a href="#">DFT0002582</a>	Bank Draft	IPERS	-1,613.04
07/07/2023	<a href="#">DFT0002583</a>	Bank Draft	TREASURER STATE OF IOWA	-1,038.92
07/07/2023	<a href="#">DFT0002587</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-90.10
07/14/2023	<a href="#">DFT0002593</a>	Bank Draft	IPERS	-3,348.36
07/14/2023	<a href="#">DFT0002594</a>	Bank Draft	IPERS	-1,807.25
07/14/2023	<a href="#">DFT0002595</a>	Bank Draft	TREASURER STATE OF IOWA	-1,072.53
07/14/2023	<a href="#">DFT0002599</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-88.24
07/21/2023	<a href="#">DFT0002605</a>	Bank Draft	IPERS	-3,364.81
07/21/2023	<a href="#">DFT0002606</a>	Bank Draft	IPERS	-1,583.58
07/21/2023	<a href="#">DFT0002607</a>	Bank Draft	TREASURER STATE OF IOWA	-1,055.85
07/21/2023	<a href="#">DFT0002611</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-88.24
07/26/2023	<a href="#">DFT0002625</a>	Bank Draft Reversal	TREASURER STATE OF IOWA	57.94



Item Date	Reference	Item Type	Description	Amount
07/26/2023	<a href="#">DFT0002629</a>	Bank Draft Reversal	ILLINOIS DEPARTMENT OF REVENUE	4.57
07/28/2023	<a href="#">DFT0002613</a>	Bank Draft	IPERS	-3,323.42
07/28/2023	<a href="#">DFT0002614</a>	Bank Draft	IPERS	-1,617.77
07/28/2023	<a href="#">DFT0002615</a>	Bank Draft	TREASURER STATE OF IOWA	-1,065.39
07/28/2023	<a href="#">DFT0002619</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-92.81
08/02/2023	<a href="#">Insurance</a>	Miscellaneous	WELLMARK DENTAL INSURANCE	-1,609.72
08/04/2023	<a href="#">DFT0002630</a>	Bank Draft	EMPOWER	-925.00
08/04/2023	<a href="#">DFT0002631</a>	Bank Draft	MIDWESTONE BANK	-104.16
08/04/2023	<a href="#">DFT0002632</a>	Bank Draft	MIDWESTONE BANK	-386.24
08/04/2023	<a href="#">DFT0002636</a>	Bank Draft	FIDELITY BANK & TRUST	-4,686.04
08/04/2023	<a href="#">DFT0002637</a>	Bank Draft	FIDELITY BANK & TRUST	-3,192.03
08/04/2023	<a href="#">DFT0002638</a>	Bank Draft	FIDELITY BANK & TRUST	-1,100.40
08/04/2023	<a href="#">EFT0000124</a>	EFT	Payroll EFT	-27,509.43
08/07/2023	<a href="#">APA003907</a>	AP Automation	ACCESS SYSTEMS	-139.74
08/07/2023	<a href="#">APA003908</a>	AP Automation	ACE HOMEWORKS	-433.84
08/07/2023	<a href="#">APA003909</a>	AP Automation	AUTOMATIC SYSTEMS CO	-14,270.00
08/07/2023	<a href="#">APA003910</a>	AP Automation	BARD MATERIALS	-168.67
08/07/2023	<a href="#">APA003911</a>	AP Automation	BI-COUNTY DISPOSAL INC	-26,376.65
08/07/2023	<a href="#">APA003912</a>	AP Automation	BREIER, CHRISTINA	-75.00
08/07/2023	<a href="#">APA003913</a>	AP Automation	BSN SPORTS/COLLEGIATE PACIFIC	-5,199.99
08/07/2023	<a href="#">APA003914</a>	AP Automation	CAPITAL SANITARY SUPPLY	-675.20
08/07/2023	<a href="#">APA003915</a>	AP Automation	CARQUEST AUTO PARTS	-79.42
08/07/2023	<a href="#">APA003916</a>	AP Automation	CHARGEPOINT	-690.00
08/07/2023	<a href="#">APA003917</a>	AP Automation	CLEMEN, TAMMY	-100.00
08/07/2023	<a href="#">APA003918</a>	AP Automation	COMPUTER DOCTORS INC	-343.00
08/07/2023	<a href="#">APA003919</a>	AP Automation	CRESCENT ELECTRIC SUPPLY	-7,108.90
08/07/2023	<a href="#">APA003920</a>	AP Automation	CYGNUS HOME SERVICE LLC dba SCHWAN	-543.61
08/07/2023	<a href="#">APA003921</a>	AP Automation	DIAMOND VOGEL	-915.00
08/07/2023	<a href="#">APA003922</a>	AP Automation	DOLPHIN, NEIL	-300.00
08/07/2023	<a href="#">APA003923</a>	AP Automation	DUBUQUE FIRE EQUIPMENT INC	-251.00
08/07/2023	<a href="#">APA003924</a>	AP Automation	DYERSVILLE AREA HISTORICAL SOCIETY	-3,000.00
08/07/2023	<a href="#">APA003925</a>	AP Automation	DYERSVILLE COMMERCIAL	-210.12
08/07/2023	<a href="#">APA003926</a>	AP Automation	DYERSVILLE RED JACKETS	-22.31
08/07/2023	<a href="#">APA003927</a>	AP Automation	EAGLE POINT ENERGY 5	-3,847.51
08/07/2023	<a href="#">APA003928</a>	AP Automation	EAST CENTRAL INTERGOVERNMENTAL ASS	-3,330.45
08/07/2023	<a href="#">APA003929</a>	AP Automation	FARMERS SHIPPING ASSN	-600.00
08/07/2023	<a href="#">APA003930</a>	AP Automation	FIRE SERVICE TRAINING BUREAU	-450.00
08/07/2023	<a href="#">APA003931</a>	AP Automation	GIANT WASH	-210.74
08/07/2023	<a href="#">APA003932</a>	AP Automation	HAWKEYE ALARM & SIGNAL COMPANY	-300.00
08/07/2023	<a href="#">APA003933</a>	AP Automation	HAWKINS WATER TREATMENT	-2,447.98
08/07/2023	<a href="#">APA003934</a>	AP Automation	HEFEL PORTABLE SERVICES LLC	-3,547.00
08/07/2023	<a href="#">APA003935</a>	AP Automation	HONKOMP, JEREMY	-77.25
08/07/2023	<a href="#">APA003936</a>	AP Automation	IOWA BASE INC	-4,809.00
08/07/2023	<a href="#">APA003937</a>	AP Automation	IOWA ONE CALL	-116.10
08/07/2023	<a href="#">APA003938</a>	AP Automation	J & J LAWN CARE	-10,783.50



Item Date	Reference	Item Type	Description	Amount
08/07/2023	<a href="#">APA003939</a>	AP Automation	J & R RENTAL	-1,552.00
08/07/2023	<a href="#">APA003940</a>	AP Automation	JAM SYSTEMS & MIDLAND DOORS	-62.71
08/07/2023	<a href="#">APA003941</a>	AP Automation	JEFF'S AUTO SERVICE	-1,085.90
08/07/2023	<a href="#">APA003942</a>	AP Automation	JOCHUM, RICK	-300.00
08/07/2023	<a href="#">APA003943</a>	AP Automation	JOHN DEERE FINANCIAL	-1,765.45
08/07/2023	<a href="#">APA003944</a>	AP Automation	JUMBO VISUAL PROJECTION	-300.00
08/07/2023	<a href="#">APA003945</a>	AP Automation	KNIPPER, DELAINE	-100.00
08/07/2023	<a href="#">APA003946</a>	AP Automation	LANDMARK TURF SERVICES	-1,956.00
08/07/2023	<a href="#">APA003947</a>	AP Automation	LEXIPOL	-663.32
08/07/2023	<a href="#">APA003948</a>	AP Automation	LINK, LAINEY	-85.00
08/07/2023	<a href="#">APA003949</a>	AP Automation	MACQUEEN EQUIPMENT	-500.00
08/07/2023	<a href="#">APA003950</a>	AP Automation	MEDICAL ASSOCIATES CLINIC	-52.00
08/07/2023	<a href="#">APA003951</a>	AP Automation	METERING & TECHNOLOGY SOLUTIONS	-694.03
08/07/2023	<a href="#">APA003952</a>	AP Automation	MICROBAC LABORATORIES	-971.25
08/07/2023	<a href="#">APA003953</a>	AP Automation	MM MECHANICAL	-23,806.00
08/07/2023	<a href="#">APA003954</a>	AP Automation	MR LOCK & KEY	-214.99
08/07/2023	<a href="#">APA003955</a>	AP Automation	NABER, MATT	-175.00
08/07/2023	<a href="#">APA003956</a>	AP Automation	NIEMAN, TIM	-75.00
08/07/2023	<a href="#">APA003957</a>	AP Automation	NOSBISCH, LYNN	-275.00
08/07/2023	<a href="#">APA003958</a>	AP Automation	ORIGIN DESIGN CO	-28,347.87
08/07/2023	<a href="#">APA003959</a>	AP Automation	PAUL'S PEST CONTROL	-115.00
08/07/2023	<a href="#">APA003960</a>	AP Automation	PET WASTE ELIMINATOR	-319.99
08/07/2023	<a href="#">APA003961</a>	AP Automation	PETTINGER, JOAN OR RUSS	-100.00
08/07/2023	<a href="#">APA003962</a>	AP Automation	PREFERRED HEALTH CHOICES LLC	-100.00
08/07/2023	<a href="#">APA003963</a>	AP Automation	RDG PLANNING & DESIGN	-298,240.21
08/07/2023	<a href="#">APA003964</a>	AP Automation	RECKER CONSTRUCTION	-4,100.00
08/07/2023	<a href="#">APA003965</a>	AP Automation	REDIGER, MARY PAT	-100.00
08/07/2023	<a href="#">APA003966</a>	AP Automation	RELIANCE STANDARD	-838.02
08/07/2023	<a href="#">APA003967</a>	AP Automation	SECRETARY OF STATE	-30.00
08/07/2023	<a href="#">APA003968</a>	AP Automation	SIITARI, ANDREW	-547.59
08/07/2023	<a href="#">APA003969</a>	AP Automation	SIMMERING-CORY IOWA CODIFICATION	-475.00
08/07/2023	<a href="#">APA003970</a>	AP Automation	SODAWASSER, JON	-300.00
08/07/2023	<a href="#">APA003971</a>	AP Automation	SPAHN & ROSE LUMBER CO	-189.35
08/07/2023	<a href="#">APA003972</a>	AP Automation	SPEER FINANCIAL	-335.00
08/07/2023	<a href="#">APA003973</a>	AP Automation	STEGER CONSTRUCTION	-16,335.00
08/07/2023	<a href="#">APA003974</a>	AP Automation	TAUKE MOTORS	-577.95
08/07/2023	<a href="#">APA003975</a>	AP Automation	TELEGRAPH HERALD	-141.86
08/07/2023	<a href="#">APA003976</a>	AP Automation	THE BATTERY CENTER	-67.90
08/07/2023	<a href="#">APA003977</a>	AP Automation	TJ CLEANING SERVICES	-1,070.00
08/07/2023	<a href="#">APA003978</a>	AP Automation	TRAVEL DUBUQUE	-15,000.00
08/07/2023	<a href="#">APA003979</a>	AP Automation	VERIZON WIRELESS	-946.66
08/07/2023	<a href="#">APA003980</a>	AP Automation	VOLKENS INC	-250.00
08/07/2023	<a href="#">APA003981</a>	AP Automation	WHITE CAP LP	-30.24
08/07/2023	<a href="#">APA003982</a>	AP Automation	WHKS & CO	-2,937.62
08/07/2023	<a href="#">APA003983</a>	AP Automation	WILLENBORG, JANICE	-100.00



Item Date	Reference	Item Type	Description	Amount
08/07/2023	<a href="#">APA003984</a>	AP Automation	WOLF, RUSS	-275.00
08/07/2023	<a href="#">APA003985</a>	AP Automation	WOLFF, ASHTEN	-100.00
08/07/2023	<a href="#">APA003986</a>	AP Automation	ZARNOTH BRUSH WORKS INC	-418.70
08/10/2023	<a href="#">Insurance</a>	Miscellaneous	MEDICAL ASSOCIATES HEALTH PLAN	-26,121.94
08/11/2023	<a href="#">DFT0002643</a>	Bank Draft	EMPOWER	-925.00
08/11/2023	<a href="#">DFT0002644</a>	Bank Draft	MIDWESTONE BANK	-104.16
08/11/2023	<a href="#">DFT0002645</a>	Bank Draft	MIDWESTONE BANK	-386.24
08/11/2023	<a href="#">DFT0002649</a>	Bank Draft	FIDELITY BANK & TRUST	-4,527.26
08/11/2023	<a href="#">DFT0002650</a>	Bank Draft	FIDELITY BANK & TRUST	-3,052.31
08/11/2023	<a href="#">DFT0002651</a>	Bank Draft	FIDELITY BANK & TRUST	-1,063.20
08/11/2023	<a href="#">EFT0000125</a>	EFT	Payroll EFT	-26,839.57
08/18/2023	<a href="#">DFT0002653</a>	Bank Draft	EMPOWER	-925.00
08/18/2023	<a href="#">DFT0002654</a>	Bank Draft	MIDWESTONE BANK	-104.16
08/18/2023	<a href="#">DFT0002655</a>	Bank Draft	MIDWESTONE BANK	-386.24
08/18/2023	<a href="#">DFT0002659</a>	Bank Draft	FIDELITY BANK & TRUST	-4,350.04
08/18/2023	<a href="#">DFT0002660</a>	Bank Draft	FIDELITY BANK & TRUST	-2,945.27
08/18/2023	<a href="#">DFT0002661</a>	Bank Draft	FIDELITY BANK & TRUST	-1,021.84
08/18/2023	<a href="#">EFT0000126</a>	EFT	Payroll EFT	-25,620.39
08/21/2023	<a href="#">APA003987</a>	AP Automation	ACCESS SYSTEMS	-516.94
08/21/2023	<a href="#">APA003988</a>	AP Automation	ACE HOMEWORKS	-368.06
08/21/2023	<a href="#">APA003989</a>	AP Automation	AIRESPRING	-329.17
08/21/2023	<a href="#">APA003990</a>	AP Automation	ATLANTIC COCA COLA	-80.20
08/21/2023	<a href="#">APA003991</a>	AP Automation	BAKER & TAYLOR BOOKS	-1,909.45
08/21/2023	<a href="#">APA003992</a>	AP Automation	BELL BANK EQUIPMENT FINANCE	-4,689.80
08/21/2023	<a href="#">APA003993</a>	AP Automation	BSN SPORTS/COLLEGIATE PACIFIC	-758.90
08/21/2023	<a href="#">APA003994</a>	AP Automation	CENTER POINT PUBLISHING	-80.69
08/21/2023	<a href="#">APA003995</a>	AP Automation	CRESCENT ELECTRIC SUPPLY	-38,871.93
08/21/2023	<a href="#">APA003996</a>	AP Automation	DUBUQUE COUNTY LIBRARY DISTRICT	-57.30
08/21/2023	<a href="#">APA003997</a>	AP Automation	ELITE DENTAL PC	-100.00
08/21/2023	<a href="#">APA003998</a>	AP Automation	FAREWAY STORES INC	-8.88
08/21/2023	<a href="#">APA003999</a>	AP Automation	FERGUSON WATERWORKS #2516	-10,679.18
08/21/2023	<a href="#">APA004000</a>	AP Automation	FUERSTE CAREW COYLE JUERGENS & SUDI	-148.50
08/21/2023	<a href="#">APA004001</a>	AP Automation	GALLS	-170.87
08/21/2023	<a href="#">APA004002</a>	AP Automation	GIANT WASH	-74.60
08/21/2023	<a href="#">APA004003</a>	AP Automation	HANSEL CLEANING SERVICES LLC	-800.00
08/21/2023	<a href="#">APA004004</a>	AP Automation	HENDERSON TRUCK EQUIPMENT	-361.46
08/21/2023	<a href="#">APA004005</a>	AP Automation	HERITAGE PRINTING CO	-29.00
08/21/2023	<a href="#">APA004006</a>	AP Automation	HOOPLA BY MIDWEST TAPE	-238.02
08/21/2023	<a href="#">APA004007</a>	AP Automation	IMPACT7G	-18,070.00
08/21/2023	<a href="#">APA004008</a>	AP Automation	INGRAM LIBRARY SERVICES	-919.55
08/21/2023	<a href="#">APA004009</a>	AP Automation	J & L LUMBER	-15.90
08/21/2023	<a href="#">APA004010</a>	AP Automation	J & R RENTAL	-530.87
08/21/2023	<a href="#">APA004011</a>	AP Automation	JOHN DEERE FINANCIAL	-105.84
08/21/2023	<a href="#">APA004012</a>	AP Automation	KANOPY INC	-35.00
08/21/2023	<a href="#">APA004013</a>	AP Automation	MC2	-840.00



Item Date	Reference	Item Type	Description	Amount
08/21/2023	<a href="#">APA004014</a>	AP Automation	METERING & TECHNOLOGY SOLUTIONS	-4,773.97
08/21/2023	<a href="#">APA004015</a>	AP Automation	MICROBAC LABORATORIES	-667.75
08/21/2023	<a href="#">APA004016</a>	AP Automation	MIDWEST BREATHING AIR LLC	-442.71
08/21/2023	<a href="#">APA004017</a>	AP Automation	MIDWEST RADAR & EQUIPMENT	-120.00
08/21/2023	<a href="#">APA004018</a>	AP Automation	MYERS-COX COMPANY	-406.86
08/21/2023	<a href="#">APA004019</a>	AP Automation	NABER, MATT	-100.00
08/21/2023	<a href="#">APA004020</a>	AP Automation	NEUHAUS, THERESA	-100.00
08/21/2023	<a href="#">APA004021</a>	AP Automation	NIEMAN, TIM	-225.00
08/21/2023	<a href="#">APA004022</a>	AP Automation	NOSBISCH, LYNN	-200.00
08/21/2023	<a href="#">APA004023</a>	AP Automation	OLBERDING, DARLENE	-100.00
08/21/2023	<a href="#">APA004024</a>	AP Automation	PLAYAWAY PRODUCTS	-116.98
08/21/2023	<a href="#">APA004025</a>	AP Automation	POTTER, MARY	-160.00
08/21/2023	<a href="#">APA004026</a>	AP Automation	PREFERRED HEALTH CHOICES LLC	-100.00
08/21/2023	<a href="#">APA004027</a>	AP Automation	RANDY'S NEIGHBORHOOD MARKET	-17.75
08/21/2023	<a href="#">APA004028</a>	AP Automation	RDG PLANNING & DESIGN	-1,500.00
08/21/2023	<a href="#">APA004029</a>	AP Automation	ROLING, MADDIE	-100.00
08/21/2023	<a href="#">APA004030</a>	AP Automation	ROMA LOGO, LLC	-10.70
08/21/2023	<a href="#">APA004031</a>	AP Automation	SCHRANDT, DAWN	-111.84
08/21/2023	<a href="#">APA004032</a>	AP Automation	SHERWIN-WILLIAMS	-107.60
08/21/2023	<a href="#">APA004033</a>	AP Automation	SPAHN & ROSE LUMBER CO	-916.62
08/21/2023	<a href="#">APA004034</a>	AP Automation	SWANK MOVIE LICENSING USA	-286.00
08/21/2023	<a href="#">APA004035</a>	AP Automation	TJ CLEANING SERVICES	-800.00
08/21/2023	<a href="#">APA004036</a>	AP Automation	UNITY POINT CLINIC - OCCUPATIONAL MEI	-84.00
08/21/2023	<a href="#">APA004037</a>	AP Automation	USA BLUE BOOK	-263.02
08/21/2023	<a href="#">APA004038</a>	AP Automation	VESSCO INC	-318.71
08/21/2023	<a href="#">APA004039</a>	AP Automation	VONDERHAAR, SHIRLEY	-119.24
08/21/2023	<a href="#">APA004040</a>	AP Automation	WERNER, RON	-125.00
08/21/2023	<a href="#">APA004041</a>	AP Automation	WINCAN LLC	-9,250.00
08/21/2023	<a href="#">APA004042</a>	AP Automation	WOLF, RUSS	-260.00
08/21/2023	<a href="#">APA004043</a>	AP Automation	WORLD TRADE PRESS	-255.00
08/22/2023	<a href="#">DFT0002640</a>	Bank Draft	TREASURER STATE OF IOWA	-10,236.84
08/22/2023	<a href="#">DFT0002641</a>	Bank Draft	TREASURER STATE OF IOWA	-4,810.49
08/22/2023	<a href="#">DFT0002642</a>	Bank Draft	WEX BANK	-5,505.75
08/24/2023	<a href="#">DFT0002663</a>	Bank Draft	VISA	-227.77
08/25/2023	<a href="#">DFT0002664</a>	Bank Draft	EMPOWER	-925.00
08/25/2023	<a href="#">DFT0002665</a>	Bank Draft	MIDWESTONE BANK	-104.16
08/25/2023	<a href="#">DFT0002666</a>	Bank Draft	MIDWESTONE BANK	-386.24
08/25/2023	<a href="#">DFT0002670</a>	Bank Draft	FIDELITY BANK & TRUST	-3,751.78
08/25/2023	<a href="#">DFT0002671</a>	Bank Draft	FIDELITY BANK & TRUST	-2,637.78
08/25/2023	<a href="#">DFT0002672</a>	Bank Draft	FIDELITY BANK & TRUST	-881.88
08/25/2023	<a href="#">EFT0000127</a>	EFT	Payroll EFT	-21,554.70
08/31/2023	<a href="#">Interest</a>	Interest	INTEREST	3,181.30



## Cleared Other

Item 8.

Item Date	Reference	Item Type	Description	Amount
08/31/2023	<a href="#">Transfer</a>	Miscellaneous	Library Trust Transfer	1,926.31
Total Cleared Other (191)				-809,636.54

## Outstanding Deposits

Item Date	Reference	OpenEdge Batch	Merchant	Description	Amount
02/28/2023	<a href="#">DEP0005791</a>			CLPKT01341 BG:Credit Card	562.09
08/10/2023	<a href="#">DEP0006339</a>			CLPKT01457 BG:Credit Card	56.29
08/30/2023	<a href="#">DEP0006423</a>	000619 Insite	Mastercard -	CLPKT01471 BG:OP	112.71
08/31/2023	<a href="#">DEP0006426</a>	000333 Point Of Sale	Open Edge	CLPKT01472 BG:Credit Card	2.50
08/31/2023	<a href="#">DEP0006426</a>		Open Edge	CLPKT01472 BG:Credit Card	111.52
Total Outstanding Deposits (5)					845.11

## Outstanding Checks

Item Date	Reference	Item Type	Description	Amount
04/18/2022	<a href="#">21349</a>	Check	ENTERTAINMENT WEEKLY	-20.00
08/22/2022	<a href="#">21462</a>	Check	BEHREND, CHRIS	-75.00
08/22/2022	<a href="#">21471</a>	Check	SAVING OUR AVIAN RESOURCES (SOAR)	-394.89
09/19/2022	<a href="#">21493</a>	Check	COUNTRY EXTRA	-27.00
11/21/2022	<a href="#">21580</a>	Check	REVEAL	-12.00
06/26/2023	<a href="#">21803</a>	Check	DYERSVILLE YOUNG PROFESSIONALS	-10.00
08/17/2023	<a href="#">21859</a>	Check	Joseph Genene	-82.12
08/22/2023	<a href="#">21841</a>	Check	AMERICAN LEGION POST 137	-11,861.25
08/22/2023	<a href="#">21845</a>	Check	DYERSVILLE YOUNG PROFESSIONALS	-10.00
08/22/2023	<a href="#">21847</a>	Check	GREATHOUSE OF MUSIC	-250.00
08/22/2023	<a href="#">21851</a>	Check	IOWAN MAGAZINE	-24.00
08/22/2023	<a href="#">21858</a>	Check	WINDSTREAM	-126.09
08/31/2023	<a href="#">21860</a>	Check	POSTMASTER	-866.49
Total Outstanding Checks (13)				-13,758.84

## Outstanding Other

Item Date	Reference	Item Type	Description	Amount
06/30/2019	<a href="#">1</a>	Miscellaneous	Credit Card payment	-19.10
05/31/2022	<a href="#">1</a>	Miscellaneous	Retirement	129.34
07/31/2022	<a href="#">1</a>	Miscellaneous	Global Payments	56.69
03/06/2023	<a href="#">APA003188</a>	AP Automation	TENNIS SERVICES OF IOWA	-16,750.00
03/31/2023	<a href="#">1</a>	Miscellaneous	Credit Card payments	-142.09
05/31/2023	<a href="#">1</a>	Miscellaneous	Credit Card payment	190.00
07/31/2023	<a href="#">1</a>	Miscellaneous	Credit Card payment	-56.29
07/31/2023	<a href="#">1</a>	Miscellaneous	Payroll Empower Michel	1,441.00
08/04/2023	<a href="#">DFT0002633</a>	Bank Draft	IPERS	-3,352.81



## Outstanding Other

Item 8.

Item Date	Reference	Item Type	Description	Amount
08/04/2023	<a href="#">DFT0002634</a>	Bank Draft	IPERS	-1,587.38
08/04/2023	<a href="#">DFT0002635</a>	Bank Draft	TREASURER STATE OF IOWA	-1,051.47
08/04/2023	<a href="#">DFT0002639</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-88.24
08/11/2023	<a href="#">DFT0002646</a>	Bank Draft	IPERS	-3,300.74
08/11/2023	<a href="#">DFT0002647</a>	Bank Draft	IPERS	-1,583.58
08/11/2023	<a href="#">DFT0002648</a>	Bank Draft	TREASURER STATE OF IOWA	-1,010.00
08/11/2023	<a href="#">DFT0002652</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-88.24
08/18/2023	<a href="#">DFT0002656</a>	Bank Draft	IPERS	-3,221.30
08/18/2023	<a href="#">DFT0002657</a>	Bank Draft	IPERS	-1,662.83
08/18/2023	<a href="#">DFT0002658</a>	Bank Draft	TREASURER STATE OF IOWA	-1,016.77
08/18/2023	<a href="#">DFT0002662</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-88.24
08/25/2023	<a href="#">DFT0002667</a>	Bank Draft	IPERS	-3,221.36
08/25/2023	<a href="#">DFT0002668</a>	Bank Draft	IPERS	-1,583.58
08/25/2023	<a href="#">DFT0002669</a>	Bank Draft	TREASURER STATE OF IOWA	-966.23
08/25/2023	<a href="#">DFT0002673</a>	Bank Draft	ILLINOIS DEPARTMENT OF REVENUE	-88.24
Total Outstanding Other (24)				-39,061.46





Dyersville, IA

## Bank Statement Register

Item 8.

### Transaction Summary

Transaction Type	Count	Outstanding	Cleared	Total
Bank Draft Reversal	2	0.00	62.51	62.51
Bank Draft	60	-23,911.01	-84,277.46	-108,188.47
Check	39	-13,758.84	-690,535.05	-704,293.89
Deposit	115	845.11	1,518,958.54	1,519,803.65
EFT	4	0.00	-101,524.09	-101,524.09
Interest	1	0.00	3,181.30	3,181.30
Miscellaneous	10	1,599.55	-25,805.35	-24,205.80
AP Automation	138	-16,750.00	-601,273.45	-618,023.45
		-51,975.19	18,786.95	-33,188.24





Dyersville, IA

# Bank Statement Register

Item 8.

POOLED CASH

Period 8/1/2023 - 8/31/2023

Packet: BRPKT00176

Bank Statement		General Ledger	
Beginning Balance	94,790.50	Account Balance	94,883.08
Plus Debits	92.58	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	94,883.08	Adjusted Account Balance	94,883.08
Statement Ending Balance		94,883.08	
Bank Difference		0.00	
General Ledger Difference		0.00	

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

999-1-1020-000 POOLED CASH

Cleared Other

Item Date	Reference	Item Type	Description	Amount
08/31/2023	<a href="#">Interest</a>	Interest	INTEREST	92.58
Total Cleared Other (1)				92.58





Dyersville, IA

# Bank Statement Register

Item 8.

## Transaction Summary

Transaction Type	Count	Outstanding	Cleared	Total
Interest	1	0.00	92.58	92.58
		0.00	92.58	92.58





Dyersville, IA

# Budget Report Group Summary

Item 9.

For Fiscal: 2023-2024 Period Ending: 08/31/2023

ExpenseMinor;SourceMajo...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<b>Fund: 001 - GENERAL FUND</b>						
<b>Revenue</b>						
40 - TAXES	2,910,737.00	2,910,737.00	65,310.92	126,950.84	-2,783,786.16	95.64%
41 - LICENSES AND PERMITS	18,425.00	18,425.00	2,394.00	4,348.13	-14,076.87	76.40%
43 - USE OF MONEY & PROPERTY	92,650.00	92,650.00	6,600.42	14,671.23	-77,978.77	84.16%
44 - INTERGOVERNMENTAL	118,411.00	118,411.00	0.00	0.00	-118,411.00	100.00%
45 - CHARGES FOR SERVICES	224,750.00	224,750.00	6,667.62	87,857.42	-136,892.58	60.91%
47 - MISCELLANEOUS REVENUES	42,000.00	42,000.00	2,770.94	8,294.11	-33,705.89	80.25%
48 - OTHER FINANCING SOURCES	1,000.00	1,000.00	0.00	0.00	-1,000.00	100.00%
<b>Revenue Total:</b>	<b>3,407,973.00</b>	<b>3,407,973.00</b>	<b>83,743.90</b>	<b>242,121.73</b>	<b>-3,165,851.27</b>	<b>92.90%</b>
<b>Expense</b>						
60 - SALARIES & WAGES	1,204,428.00	1,204,428.00	96,381.79	202,732.03	1,001,695.97	83.17%
61 - EMPLOYEE BENEFITS & COSTS	376,027.00	376,027.00	29,095.63	56,824.50	319,202.50	84.89%
62 - STAFF DEVELOPMENT	165,850.00	165,850.00	2,714.61	52,843.96	113,006.04	68.14%
63 - REPAIR, MAINTENANCE & UTILITIES	380,253.00	380,253.00	29,276.46	56,703.39	323,549.61	85.09%
64 - CONTRACTUAL SERVICES	629,047.00	629,047.00	58,661.66	97,959.97	531,087.03	84.43%
65 - COMMODITIES	196,625.00	196,625.00	16,200.91	34,002.05	162,622.95	82.71%
67 - CAPITAL OUTLAY	248,840.00	248,840.00	57,316.63	714,529.43	-465,689.43	-187.14%
69 - TRANSFERS	31,066.00	31,066.00	0.00	0.00	31,066.00	100.00%
<b>Expense Total:</b>	<b>3,232,136.00</b>	<b>3,232,136.00</b>	<b>289,647.69</b>	<b>1,215,595.33</b>	<b>2,016,540.67</b>	<b>62.39%</b>
<b>Fund: 001 - GENERAL FUND Surplus (Deficit):</b>	<b>175,837.00</b>	<b>175,837.00</b>	<b>-205,903.79</b>	<b>-973,473.60</b>	<b>-1,149,310.60</b>	<b>653.62%</b>
<b>Fund: 002 - LIBRARY TRUST FUND</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	350.00	350.00	37.27	74.72	-275.28	78.65%
45 - CHARGES FOR SERVICES	40,000.00	40,000.00	1,853.16	2,050.19	-37,949.81	94.87%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>40,350.00</b>	<b>40,350.00</b>	<b>1,890.43</b>	<b>2,124.91</b>	<b>-38,225.09</b>	<b>94.73%</b>
<b>Expense</b>						
67 - CAPITAL OUTLAY	40,000.00	40,000.00	1,926.31	3,664.60	36,335.40	90.84%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>40,000.00</b>	<b>40,000.00</b>	<b>1,926.31</b>	<b>3,664.60</b>	<b>36,335.40</b>	<b>90.84%</b>
<b>Fund: 002 - LIBRARY TRUST FUND Surplus (Deficit):</b>	<b>350.00</b>	<b>350.00</b>	<b>-35.88</b>	<b>-1,539.69</b>	<b>-1,889.69</b>	<b>539.91%</b>
<b>Fund: 110 - ROAD USE FUND</b>						
<b>Revenue</b>						
44 - INTERGOVERNMENTAL	620,000.00	620,000.00	49,782.45	100,097.13	-519,902.87	83.86%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>620,000.00</b>	<b>620,000.00</b>	<b>49,782.45</b>	<b>100,097.13</b>	<b>-519,902.87</b>	<b>83.86%</b>
<b>Expense</b>						
60 - SALARIES & WAGES	228,609.00	228,609.00	19,731.80	42,282.92	186,326.08	81.50%
61 - EMPLOYEE BENEFITS & COSTS	89,889.00	89,889.00	6,406.57	12,682.03	77,206.97	85.89%
63 - REPAIR, MAINTENANCE & UTILITIES	70,000.00	70,000.00	5,272.95	9,907.25	60,092.75	85.85%
64 - CONTRACTUAL SERVICES	70,000.00	70,000.00	0.00	0.00	70,000.00	100.00%
67 - CAPITAL OUTLAY	66,000.00	66,000.00	0.00	0.00	66,000.00	100.00%
68 - DEBT SERVICES	0.00	0.00	0.00	0.00	0.00	0.00%
69 - TRANSFERS	5,275.00	5,275.00	0.00	0.00	5,275.00	100.00%
<b>Expense Total:</b>	<b>529,773.00</b>	<b>529,773.00</b>	<b>31,411.32</b>	<b>64,872.20</b>	<b>464,900.80</b>	<b>87.75%</b>
<b>Fund: 110 - ROAD USE FUND Surplus (Deficit):</b>	<b>90,227.00</b>	<b>90,227.00</b>	<b>18,371.13</b>	<b>35,224.93</b>	<b>-55,002.07</b>	<b>60.96%</b>



## Budget Report

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ExpenseMinor;SourceMajo...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<b>Fund: 112 - TRUST AND AGENCY FUND</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
47 - MISCELLANEOUS REVENUES	6,000.00	6,000.00	1,775.00	3,125.00	-2,875.00	47.92%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>6,000.00</b>	<b>6,000.00</b>	<b>1,775.00</b>	<b>3,125.00</b>	<b>-2,875.00</b>	<b>47.92%</b>
<b>Expense</b>						
64 - CONTRACTUAL SERVICES	6,000.00	6,000.00	1,000.00	1,500.00	4,500.00	75.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>6,000.00</b>	<b>6,000.00</b>	<b>1,000.00</b>	<b>1,500.00</b>	<b>4,500.00</b>	<b>75.00%</b>
<b>Fund: 112 - TRUST AND AGENCY FUND Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>775.00</b>	<b>1,625.00</b>	<b>1,625.00</b>	<b>0.00%</b>
<b>Fund: 121 - L.O. SALES TAX RESERVE</b>						
<b>Revenue</b>						
40 - TAXES	625,000.00	625,000.00	58,450.48	103,515.16	-521,484.84	83.44%
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>625,000.00</b>	<b>625,000.00</b>	<b>58,450.48</b>	<b>103,515.16</b>	<b>-521,484.84</b>	<b>83.44%</b>
<b>Expense</b>						
69 - TRANSFERS	595,000.00	595,000.00	0.00	0.00	595,000.00	100.00%
<b>Expense Total:</b>	<b>595,000.00</b>	<b>595,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>595,000.00</b>	<b>100.00%</b>
<b>Fund: 121 - L.O. SALES TAX RESERVE Surplus (Deficit):</b>	<b>30,000.00</b>	<b>30,000.00</b>	<b>58,450.48</b>	<b>103,515.16</b>	<b>73,515.16</b>	<b>-245.05%</b>
<b>Fund: 122 - LOCAL OPTION SINKING FUND</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Expense</b>						
68 - DEBT SERVICES	0.00	0.00	0.00	0.00	0.00	0.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 122 - LOCAL OPTION SINKING FUND Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 128 - CDBG</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
44 - INTERGOVERNMENTAL	0.00	0.00	0.00	0.00	0.00	0.00%
45 - CHARGES FOR SERVICES	55,000,000.00	55,000,000.00	0.00	0.00	-55,000,000.00	100.00%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
49 - UNDEFINED	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>55,000,000.00</b>	<b>55,000,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-55,000,000.00</b>	<b>100.00%</b>
<b>Expense</b>						
60 - SALARIES & WAGES	0.00	0.00	0.00	0.00	0.00	0.00%
61 - EMPLOYEE BENEFITS & COSTS	0.00	0.00	0.00	0.00	0.00	0.00%
64 - CONTRACTUAL SERVICES	55,000,000.00	55,000,000.00	0.00	0.00	55,000,000.00	100.00%
65 - COMMODITIES	0.00	0.00	0.00	0.00	0.00	0.00%
67 - CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00	0.00%
68 - DEBT SERVICES	0.00	0.00	43,763.16	59,079.94	-59,079.94	0.00%
69 - TRANSFERS	297,200.00	297,200.00	0.00	0.00	297,200.00	100.00%
<b>Expense Total:</b>	<b>55,297,200.00</b>	<b>55,297,200.00</b>	<b>43,763.16</b>	<b>59,079.94</b>	<b>55,238,120.06</b>	<b>99.89%</b>
<b>Fund: 128 - CDBG Surplus (Deficit):</b>	<b>-297,200.00</b>	<b>-297,200.00</b>	<b>-43,763.16</b>	<b>-59,079.94</b>	<b>238,120.06</b>	<b>80.12%</b>
<b>Fund: 135 - DYERSVILLE TIF DIST FUND</b>						
<b>Revenue</b>						
40 - TAXES	1,990,070.00	1,990,070.00	2,564.06	2,564.06	-1,987,505.94	99.87%
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%



## Budget Report

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ExpenseMinor;SourceMajo...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
45 - CHARGES FOR SERVICES	0.00	0.00	0.00	0.00	0.00	0.00%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>1,990,070.00</b>	<b>1,990,070.00</b>	<b>2,564.06</b>	<b>2,564.06</b>	<b>-1,987,505.94</b>	<b>99.87%</b>
<b>Expense</b>						
64 - CONTRACTUAL SERVICES	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%
68 - DEBT SERVICES	1,434,447.00	1,434,447.00	0.00	30,744.24	1,403,702.76	97.86%
69 - TRANSFERS	630,707.00	630,707.00	0.00	0.00	630,707.00	100.00%
<b>Expense Total:</b>	<b>2,075,154.00</b>	<b>2,075,154.00</b>	<b>0.00</b>	<b>30,744.24</b>	<b>2,044,409.76</b>	<b>98.52%</b>
<b>Fund: 135 - DYERSVILLE TIF DIST FUND Surplus (Deficit):</b>	<b>-85,084.00</b>	<b>-85,084.00</b>	<b>2,564.06</b>	<b>-28,180.18</b>	<b>56,903.82</b>	<b>66.88%</b>
<b>Fund: 200 - DEBT SERVICE</b>						
<b>Revenue</b>						
40 - TAXES	861,827.00	861,827.00	1,763.09	2,905.83	-858,921.17	99.66%
48 - OTHER FINANCING SOURCES	1,157,407.00	1,157,407.00	0.00	0.00	-1,157,407.00	100.00%
<b>Revenue Total:</b>	<b>2,019,234.00</b>	<b>2,019,234.00</b>	<b>1,763.09</b>	<b>2,905.83</b>	<b>-2,016,328.17</b>	<b>99.86%</b>
<b>Expense</b>						
68 - DEBT SERVICES	2,019,234.00	2,019,234.00	0.00	300.00	2,018,934.00	99.99%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>2,019,234.00</b>	<b>2,019,234.00</b>	<b>0.00</b>	<b>300.00</b>	<b>2,018,934.00</b>	<b>99.99%</b>
<b>Fund: 200 - DEBT SERVICE Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>1,763.09</b>	<b>2,605.83</b>	<b>2,605.83</b>	<b>0.00%</b>
<b>Fund: 301 - CAPITAL PROJECTS FUND</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
46 - SPECIAL ASSESSMENTS	10,000.00	10,000.00	0.00	0.00	-10,000.00	100.00%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	100,000.00	100,000.00	0.00%
48 - OTHER FINANCING SOURCES	892,200.00	892,200.00	0.00	0.00	-892,200.00	100.00%
<b>Revenue Total:</b>	<b>902,200.00</b>	<b>902,200.00</b>	<b>0.00</b>	<b>100,000.00</b>	<b>-802,200.00</b>	<b>88.92%</b>
<b>Expense</b>						
64 - CONTRACTUAL SERVICES	595,000.00	595,000.00	344,540.20	387,946.70	207,053.30	34.80%
67 - CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00	0.00%
68 - DEBT SERVICES	0.00	0.00	0.00	0.00	0.00	0.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>595,000.00</b>	<b>595,000.00</b>	<b>344,540.20</b>	<b>387,946.70</b>	<b>207,053.30</b>	<b>34.80%</b>
<b>Fund: 301 - CAPITAL PROJECTS FUND Surplus (Deficit):</b>	<b>307,200.00</b>	<b>307,200.00</b>	<b>-344,540.20</b>	<b>-287,946.70</b>	<b>-595,146.70</b>	<b>193.73%</b>
<b>Fund: 302 - CAP PROJECTS - EQUIPMENT</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Expense</b>						
67 - CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00	0.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 302 - CAP PROJECTS - EQUIPMENT Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 303 - CAP PROJ - AQUATIC CENTER</b>						
<b>Expense</b>						
67 - CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00	0.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 303 - CAP PROJ - AQUATIC CENTER Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 600 - WATER FUND</b>						
<b>Revenue</b>						
40 - TAXES	55,000.00	55,000.00	4,969.30	10,455.53	-44,544.47	80.99%
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%



## Budget Report

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	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<b>ExpenseMinor;SourceMajo...</b>						
45 - CHARGES FOR SERVICES	960,000.00	960,000.00	93,097.19	192,773.22	-767,226.78	79.92%
47 - MISCELLANEOUS REVENUES	25,000.00	25,000.00	0.00	0.00	-25,000.00	100.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>1,040,000.00</b>	<b>1,040,000.00</b>	<b>98,066.49</b>	<b>203,228.75</b>	<b>-836,771.25</b>	<b>80.46%</b>
<b>Expense</b>						
60 - SALARIES & WAGES	175,913.00	175,913.00	13,999.69	28,011.14	147,901.86	84.08%
61 - EMPLOYEE BENEFITS & COSTS	79,591.00	79,591.00	7,099.54	13,237.34	66,353.66	83.37%
62 - STAFF DEVELOPMENT	9,500.00	9,500.00	0.00	492.61	9,007.39	94.81%
63 - REPAIR, MAINTENANCE & UTILITIES	146,300.00	146,300.00	15,049.81	24,130.93	122,169.07	83.51%
64 - CONTRACTUAL SERVICES	121,500.00	121,500.00	16,234.06	23,420.90	98,079.10	80.72%
65 - COMMODITIES	50,000.00	50,000.00	5,512.32	11,082.65	38,917.35	77.83%
67 - CAPITAL OUTLAY	92,500.00	92,500.00	16,147.18	19,283.86	73,216.14	79.15%
68 - DEBT SERVICES	30,000.00	30,000.00	0.00	0.00	30,000.00	100.00%
69 - TRANSFERS	349,463.00	349,463.00	0.00	0.00	349,463.00	100.00%
<b>Expense Total:</b>	<b>1,054,767.00</b>	<b>1,054,767.00</b>	<b>74,042.60</b>	<b>119,659.43</b>	<b>935,107.57</b>	<b>88.66%</b>
<b>Fund: 600 - WATER FUND Surplus (Deficit):</b>	<b>-14,767.00</b>	<b>-14,767.00</b>	<b>24,023.89</b>	<b>83,569.32</b>	<b>98,336.32</b>	<b>665.92%</b>
<b>Fund: 601 - WATER SINKING FUND</b>						
<b>Revenue</b>						
48 - OTHER FINANCING SOURCES	118,780.00	118,780.00	1,069,948.77	1,069,948.77	951,168.77	800.78%
<b>Revenue Total:</b>	<b>118,780.00</b>	<b>118,780.00</b>	<b>1,069,948.77</b>	<b>1,069,948.77</b>	<b>951,168.77</b>	<b>800.78%</b>
<b>Expense</b>						
68 - DEBT SERVICES	118,780.00	118,780.00	0.00	0.00	118,780.00	100.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>118,780.00</b>	<b>118,780.00</b>	<b>0.00</b>	<b>0.00</b>	<b>118,780.00</b>	<b>100.00%</b>
<b>Fund: 601 - WATER SINKING FUND Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>1,069,948.77</b>	<b>1,069,948.77</b>	<b>1,069,948.77</b>	<b>0.00%</b>
<b>Fund: 602 - WATER CAPITAL ACCOUNT</b>						
<b>Revenue</b>						
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
45 - CHARGES FOR SERVICES	0.00	0.00	0.00	0.00	0.00	0.00%
46 - SPECIAL ASSESSMENTS	0.00	0.00	0.00	0.00	0.00	0.00%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Expense</b>						
64 - CONTRACTUAL SERVICES	0.00	0.00	652,150.40	1,074,746.44	-1,074,746.44	0.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>652,150.40</b>	<b>1,074,746.44</b>	<b>-1,074,746.44</b>	<b>0.00%</b>
<b>Fund: 602 - WATER CAPITAL ACCOUNT Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>-652,150.40</b>	<b>-1,074,746.44</b>	<b>-1,074,746.44</b>	<b>0.00%</b>
<b>Fund: 610 - SEWER FUND</b>						
<b>Revenue</b>						
40 - TAXES	2,000.00	2,000.00	152.49	320.46	-1,679.54	83.98%
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
44 - INTERGOVERNMENTAL	0.00	0.00	0.00	0.00	0.00	0.00%
45 - CHARGES FOR SERVICES	1,488,200.00	1,488,200.00	125,785.75	756,610.09	-731,589.91	49.16%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>1,490,200.00</b>	<b>1,490,200.00</b>	<b>125,938.24</b>	<b>756,930.55</b>	<b>-733,269.45</b>	<b>49.21%</b>
<b>Expense</b>						
60 - SALARIES & WAGES	170,600.00	170,600.00	11,546.68	25,401.31	145,198.69	85.11%
61 - EMPLOYEE BENEFITS & COSTS	73,520.00	73,520.00	5,270.31	11,370.15	62,149.85	84.53%
62 - STAFF DEVELOPMENT	13,500.00	13,500.00	11,225.00	11,299.00	2,201.00	16.30%
63 - REPAIR, MAINTENANCE & UTILITIES	93,500.00	93,500.00	2,222.89	4,939.59	88,560.41	94.72%
64 - CONTRACTUAL SERVICES	142,748.00	142,748.00	8,723.22	14,599.76	128,148.24	89.77%
65 - COMMODITIES	91,000.00	91,000.00	1,766.16	2,273.32	88,726.68	97.50%
67 - CAPITAL OUTLAY	80,000.00	80,000.00	4,689.80	7,826.48	72,173.52	90.22%



## Budget Report

For Fiscal: 2023-2024 Period Ending: Item 9. 3

	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<b>ExpenseMinor;SourceMajo...</b>						
68 - DEBT SERVICES	0.00	0.00	0.00	0.00	0.00	0.00%
69 - TRANSFERS	893,065.00	893,065.00	0.00	0.00	893,065.00	100.00%
<b>Expense Total:</b>	<b>1,557,933.00</b>	<b>1,557,933.00</b>	<b>45,444.06</b>	<b>77,709.61</b>	<b>1,480,223.39</b>	<b>95.01%</b>
<b>Fund: 610 - SEWER FUND Surplus (Deficit):</b>	<b>-67,733.00</b>	<b>-67,733.00</b>	<b>80,494.18</b>	<b>679,220.94</b>	<b>746,953.94</b>	<b>1,102.79%</b>
<b>Fund: 611 - SEWER SINKING FUND</b>						
<b>Revenue</b>						
48 - OTHER FINANCING SOURCES	633,389.00	633,389.00	0.00	0.00	-633,389.00	100.00%
<b>Revenue Total:</b>	<b>633,389.00</b>	<b>633,389.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-633,389.00</b>	<b>100.00%</b>
<b>Expense</b>						
68 - DEBT SERVICES	633,389.00	633,389.00	0.00	100.00	633,289.00	99.98%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>633,389.00</b>	<b>633,389.00</b>	<b>0.00</b>	<b>100.00</b>	<b>633,289.00</b>	<b>99.98%</b>
<b>Fund: 611 - SEWER SINKING FUND Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-100.00</b>	<b>-100.00</b>	<b>0.00%</b>
<b>Fund: 612 - SEWER CAPITAL ACCOUNT</b>						
<b>Revenue</b>						
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Expense</b>						
64 - CONTRACTUAL SERVICES	0.00	0.00	2,938.75	2,938.75	-2,938.75	0.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>2,938.75</b>	<b>2,938.75</b>	<b>-2,938.75</b>	<b>0.00%</b>
<b>Fund: 612 - SEWER CAPITAL ACCOUNT Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>-2,938.75</b>	<b>-2,938.75</b>	<b>-2,938.75</b>	<b>0.00%</b>
<b>Fund: 670 - SOLID WASTE FUND</b>						
<b>Revenue</b>						
40 - TAXES	0.00	0.00	0.00	0.00	0.00	0.00%
43 - USE OF MONEY & PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00%
45 - CHARGES FOR SERVICES	379,750.00	379,750.00	30,137.87	60,416.80	-319,333.20	84.09%
47 - MISCELLANEOUS REVENUES	0.00	0.00	0.00	0.00	0.00	0.00%
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>379,750.00</b>	<b>379,750.00</b>	<b>30,137.87</b>	<b>60,416.80</b>	<b>-319,333.20</b>	<b>84.09%</b>
<b>Expense</b>						
60 - SALARIES & WAGES	33,962.00	33,962.00	2,816.62	5,639.25	28,322.75	83.40%
61 - EMPLOYEE BENEFITS & COSTS	16,458.00	16,458.00	1,145.27	2,262.43	14,195.57	86.25%
62 - STAFF DEVELOPMENT	500.00	500.00	0.00	0.00	500.00	100.00%
63 - REPAIR, MAINTENANCE & UTILITIES	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%
64 - CONTRACTUAL SERVICES	318,600.00	318,600.00	26,142.45	52,380.35	266,219.65	83.56%
65 - COMMODITIES	5,000.00	5,000.00	316.81	632.01	4,367.99	87.36%
67 - CAPITAL OUTLAY	25,000.00	25,000.00	0.00	6,000.00	19,000.00	76.00%
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>400,520.00</b>	<b>400,520.00</b>	<b>30,421.15</b>	<b>66,914.04</b>	<b>333,605.96</b>	<b>83.29%</b>
<b>Fund: 670 - SOLID WASTE FUND Surplus (Deficit):</b>	<b>-20,770.00</b>	<b>-20,770.00</b>	<b>-283.28</b>	<b>-6,497.24</b>	<b>14,272.76</b>	<b>68.72%</b>
<b>Fund: 899 - PAYROLL FUND</b>						
<b>Revenue</b>						
48 - OTHER FINANCING SOURCES	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Revenue Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Expense</b>						
69 - TRANSFERS	0.00	0.00	0.00	0.00	0.00	0.00%
<b>Expense Total:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Fund: 899 - PAYROLL FUND Surplus (Deficit):</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>
<b>Report Surplus (Deficit):</b>	<b>118,060.00</b>	<b>118,060.00</b>	<b>6,775.14</b>	<b>-458,792.59</b>	<b>-576,852.59</b>	<b>488.61%</b>



## Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
001 - GENERAL FUND	175,837.00	175,837.00	-205,903.79	-973,473.60	-1,149,310.60
002 - LIBRARY TRUST FUND	350.00	350.00	-35.88	-1,539.69	-1,889.69
110 - ROAD USE FUND	90,227.00	90,227.00	18,371.13	35,224.93	-55,002.07
112 - TRUST AND AGENCY FUND	0.00	0.00	775.00	1,625.00	1,625.00
121 - L.O. SALES TAX RESERVE	30,000.00	30,000.00	58,450.48	103,515.16	73,515.16
122 - LOCAL OPTION SINKING FUN	0.00	0.00	0.00	0.00	0.00
128 - CDBG	-297,200.00	-297,200.00	-43,763.16	-59,079.94	238,120.06
135 - DYERSVILLE TIF DIST FUND	-85,084.00	-85,084.00	2,564.06	-28,180.18	56,903.82
200 - DEBT SERVICE	0.00	0.00	1,763.09	2,605.83	2,605.83
301 - CAPITAL PROJECTS FUND	307,200.00	307,200.00	-344,540.20	-287,946.70	-595,146.70
302 - CAP PROJECTS - EQUIPMENT	0.00	0.00	0.00	0.00	0.00
303 - CAP PROJ - AQUATIC CENTEF	0.00	0.00	0.00	0.00	0.00
600 - WATER FUND	-14,767.00	-14,767.00	24,023.89	83,569.32	98,336.32
601 - WATER SINKING FUND	0.00	0.00	1,069,948.77	1,069,948.77	1,069,948.77
602 - WATER CAPITAL ACCOUNT	0.00	0.00	-652,150.40	-1,074,746.44	-1,074,746.44
610 - SEWER FUND	-67,733.00	-67,733.00	80,494.18	679,220.94	746,953.94
611 - SEWER SINKING FUND	0.00	0.00	0.00	-100.00	-100.00
612 - SEWER CAPITAL ACCOUNT	0.00	0.00	-2,938.75	-2,938.75	-2,938.75
670 - SOLID WASTE FUND	-20,770.00	-20,770.00	-283.28	-6,497.24	14,272.76
899 - PAYROLL FUND	0.00	0.00	0.00	0.00	0.00
<b>Report Surplus (Deficit):</b>	<b>118,060.00</b>	<b>118,060.00</b>	<b>6,775.14</b>	<b>-458,792.59</b>	<b>-576,852.59</b>



september 2023

Item 10.

# ecia spotlight



## Iowa Arts Council Awards Grants to ECIA Partners







## Does your Community Need Housing?

ECIA is partnering with other Council of Governments in Iowa to put Iowans to work addressing the critical housing shortage.

Homes for Iowa, Inc. is a 501(c)(3) organization which exists to address Iowa's housing shortage, train offenders in skilled trades and reduce recidivism. Homes for Iowa plans to build 800+ moderately priced homes over the next 10 years in collaboration with Iowa Prison Industries. Beautiful 3-bedroom, 2-bath ranch style homes will be built for individuals and families and delivered all over Iowa.

Want to bring Homes for Iowa to your community? Contact ECIA's Kelley Deutmeyer, ECIA Executive Director, [kdeutmeyer@ecia.org](mailto:kdeutmeyer@ecia.org), to start the conversation. ECIA can help bring needed housing to your community.





# ECIA Awarded 2023 Excellence in Transportation

Item 10.

ECIA has been awarded a 2023 Excellence in Regional Transportation Award from the National Association of Development Organizations (NADO) for their Rural County Transportation Program (RCTP).

NADO is a Washington, DC-based association that promotes programs and policies to strengthen local governments and communities. The Excellence in Regional Transportation Awards showcase organizations for noteworthy projects and practices in rural and small metropolitan transportation planning, program delivery, and special initiatives. Award winners will receive national recognition during the 2023 National Summit on Rural Road Safety in Oklahoma City, OK.

“The Excellence in Regional Transportation Awards program showcases effective and creative transportation initiatives that improve accessibility, mobility, safety, and quality of life in regions around the United States,” shared current NADO President and Northern Arizona Council of Governments Executive Director Chris Fetzer. “Programs and projects like the Rural County Transportation Program foster community and economic connections and promote effective transportation networks.”

The RCTP provides funding to small cities with less than 5,000 residents to help implement local transportation projects. These projects may include street repairs such as crack filling, resurfacing, and reconstruction; lighting and traffic control projects, and safety improvements including curb ramps, crosswalks, and signage. The program is a partnership between ECIA and Clinton, Delaware, Dubuque, and Jackson counties. Since 2019, the RCTP program has awarded \$1.68 million to 83 projects across the four-county area. “ECIA prides itself in working diligently to improve our smaller rural communities. We are fortunate to have a Board that values the same and

understands the importance of spreading the funding throughout the region,” stated Kelley Deutmeyer, ECIA Executive Director. For more information about the award-winning program, contact ECIA at 563-556-4166 or visit the RCTP webpage at <https://www.eciatrans.org/rctp.php>.

City of Bellevue Court Street RCTP Project - Fiscal Year 2023

Before



After



## Dubuque Designated Thriving Community

The Iowa Finance Authority (IFA) and Iowa Economic Development Authority (IEDA) introduced the Iowa Thriving Communities designation to elevate best practices from communities that are going above and beyond to leverage innovative methods to attract housing opportunities for their workforce.

Dozens of Iowa communities completed an intensive application process to be designated as an Iowa Thriving Community. Eleven have been awarded the prestigious designation, and among them is the City of Dubuque. Iowa Thriving Communities will serve as models for other communities on both a state and national level in attracting housing development for all income levels.

Earlier this month, Dubuque and other designees presented to developers and other stakeholders at the HousingIowa Conference in Cedar Rapids. The designation comes with highly sought scoring points for the Federal Housing Tax Credit and/or Workforce Housing Tax Credit programs. The designation and scoring points are effective through 2024.



# Iowa Arts Council Awards Grants to ECIA Partners

Item 10.



Gov. Kim Reynolds and the Iowa Economic Development Authority (IEDA) announced that more than \$1.4 million in grants were awarded to advance the arts, culture, and creative industries across Iowa through the Iowa Arts Council.

The Maquoketa Betterment Corporation/Hometown Pride Committee was awarded \$4,086 for their “Music on The Green” project application. The grant will support the Summer Concert Series which offers a mix of styles in country, blues, Latin and rock musicians; and musical entertainment during Maqtoberfest, an annual street festival. “We are thrilled and humbled by this tremendous show of support by the State for initiatives like ours that strive to make music and fun available and accessible to all in our local community, and in so doing, to further promote Jackson County as an attractive visitor destination”, Sarah Jones, Chair, Music on The Green & Maqtoberfest Planning Committee.

Community Solutions of Eastern Iowa (CSEI), a nonprofit subsidiary of ECIA that addresses housing instability and homelessness, received \$9,590 towards the creation of the CSEI @HOME PhotoVoice, a technique used to create a narrative around a specific topic using photography. PhotoVoice puts cameras in the hands of people to explore and share their perspectives on a certain topic or subject.





PhotoVoice concept

When asked how the project originated, Jennifer Walker, Director of Special Programs ECIA/CSEI stated, “We have been looking for a way to bring awareness to the housing crisis in eastern Iowa, and to better share how CSEI serves our communities. When Ashley Noonan, our Regional Housing Coordinator, suggested using PhotoVoice as a meaningful and creative tool, I was very intrigued. We plan to have about 20 amateur photographers from our region participate in a photography exhibition. The response from partners and funders has been very positive. CSEI Board of Directors and staff are very excited to start working on this process.” CSEI will be in search of participants in the coming months for this unique event.

Funding for the grants is made possible by annual appropriations from the Iowa Legislature to the IEDA and through federal-state partnerships with the National Endowment for the Arts and National Endowment for the Humanities.



# ECIA Awarded Grant to Support Communities

ECIA has been awarded a \$150,000 grant from the USDA to establish a three-year Rural Regeneration Training Institute (RRTI). The RRTI responds to the needs identified by low-income rural local government and economic development leaders in ECIA's region. The goal is to address these needs by developing group trainings, one-on-one trainings, and providing technical assistance to increase the capacity of City staff and elected officials within ECIA's region.



The Recipient's capacity will be expanded in the areas of quality-of-life projects and economic development related assistance; business retention and expansion; supporting a rural workforce; and technology and innovation. This technical assistance, in the form of training; both group and one on one, as well as professional development conferences will enable the recipients to gain skills to

carry out projects to become the communities they envision.

This is the 8th grant award from the USDA Rural Community Development Initiative program. This funding allows ECIA to offer free trainings and specialized technical assistance to recipient communities.

## Miles Awarded \$67,000 Grant

The City of Miles has been awarded a \$67,000 Iowa Department of Natural Resources (IDNR) Derelict Building grant to fund deconstruction of a deteriorating building located at 346 Ferry Road (constructed 1890).

The City acquired the property in 2022, through Chapter 657 A, due to the previous owner's inability to care for the property. The property has been abandoned and neglected for several years and is creating safety concerns. The City obtained ECIA Brownfields Assessment funding for a Phase I ESA and from the IA DNR Brownfields Program for an asbestos inspection to determine the level of environmental contamination on the site. Asbestos abatement was required prior to deconstruction.

With asbestos abatement completed in August, deconstruction will be complete by November. At least 71% of building materials will be diverted from the landfill, reused, or recycled. The site will be returned to grade ready for reuse. The City has been in communication with Miles Telephone Company, who are interested in purchasing the property with the intent of expanding their business.

Mayor Daniel Ernst commented, "This grant will allow the city to remove a building that is too far gone, no longer affordable to salvage or revitalize. This will allow for a clean slate for the future growth of opportunities."





# ECIA Region Receives \$100K in DRA Grants

Item 10.

The Dubuque Racing Association (DRA) awarded an estimated \$1.08 million across three states and organizations in 15 cities. Four DRA Core grants went to organizations in the ECIA region:

Prosperity Eastern Iowa (PEI) – \$50,000 for implementing the Field of Opportunities initiative. DRA funds will create a regional marketing effort partnering with Travel Dubuque highlighting the local assets and tourist destinations in Dubuque, Delaware, Jackson, and Jones Counties. An interactive map of regional assets created with a prior DRA Core grant will now come alive on the Travel Dubuque website featuring key attractions in the region. Additionally, this Core grant will assist PEI with implementing a regional marketing campaign; regional selfie stands and scavenger hunts; and bike rental programs. The proposed project implements a regional marketing effort created around the excitement of the Field of Dreams expansion and will encourage tourists to remain in the region to visit the smaller communities and experience more of Eastern Iowa.

Community Solutions of Eastern Iowa (CSEI) – \$10,000 for creating a fundraising plan and for the creation of the CSEI @HOME PhotoVoice, in an effort to create a narrative around a specific topic using photography. (Please see center spread for more info)

City of Preston – \$15,000 to develop a pocket park at Main Street Square, enhancing the city's first impression.

City of Maquoketa – \$25,000 to kick start redevelopment of the downtown green space before official fundraising has begun. The City's application targeted finalizing the design and helping with green space site preparation, which are the major elements of the pre-construction phase of the project. City Manager Josh Boldt stated, "It's an honor, it's inspiring to know the DRA believes in our Maquoketa story and wants us to execute what we envision for the green space redevelopment."



Second from right: ECIA's Holly McPherson accepting PEI award from DRA Officials

## HUD Wants to Hear from You

ECIA is hosting U.S. Department of Housing and Urban Development (HUD) officials for a round-table Listening Event. HUD officials will lead the discussions so they can evaluate the positive aspects of their program, and challenges that public officials and participants encounter.

Public officials, past and potential HUD program participants, the general public, and media representatives are all encouraged to attend and provide input.

Date: October 25, 2023

Time: 5:30 – 6:30 pm

Where: Community Center Meeting Room

Delaware County Fairgrounds

200 East Acers St, Manchester

The October 2023 Listening Event will be followed up later by a Build Event in May 2024.



# EIRHA Receives Grant to Reduce Health Hazards

Item 10.



The Eastern Iowa Regional Housing Authority (EIRHA) was awarded \$377,800 in Housing Related Hazards Capital Fund grant dollars to address housing related hazards in the public housing units. Funds from this grant will evaluate and reduce residential health hazards in public housing including carbon monoxide, mold, and radon. Areas affected by the project include public housing units located in Clinton, Delaware, Dubuque, and Jackson Counties. Work to be completed includes the conversion of gas stoves to electric, remediating mold and moisture issues, and addressing radon concerns.

## West Branch City Administrator Wins Award

The Iowa League of Cities created the Rhonda Wood Smith Award to recognize exemplary work of young city officials and those new to city government. The intent of the award is to encourage and affirm participation in local government by young people who may make greater sacrifice for public service due to significant career and family commitments. Rhonda Wood Smith was such a civic-minded young person. A single parent, working as a municipal consultant with Simmering-Cory, Inc., Smith was elected mayor of Garner in November 1993 and served in that capacity until January 1, 1997, when she resigned due to poor health. She died January 15, 1997, of cancer.

Adam Kofoed, West Branch City Administrator, was this year's winner. He has been in the position since 2021 and is originally from West Branch. In between, he served in South Korea with the U.S. Army, has lived in Wisconsin and other parts of Iowa, and before becoming his hometown's city administrator, was in that same position in Garner. When he humbly accepted the award, the first person he thanked the night he got the award was his wife and, he said that being a city administrator was harder than his time in South Korea.



Adam, holding his award, with League officials

Congratulations Adam!



Andrew is already keeping Iowa beautiful! The coach and council member encountered this local artist during an initial community walk-around

## Andrew Joins KIB HP

The City of Andrew recently signed on to be a Keep Iowa Beautiful, Hometown Pride (HP) community. Andrew will form a committee to work side by side with an ECIA community coach, who will help them identify their hopes and dreams for the community and work toward achieving those ideas. ECIA staff have been coaching communities through the HP program since 2017 and since 2021, took on 30 additional communities in Cedar, Delaware, Dubuque, and Jackson Counties. Past and current projects include: dog parks, new playground equipment, park enhancements, holiday events, pickleball courts, decorative light poles, murals, green space development; to name a few.





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September 2023 NEWSLETTER

## Welcome Back Students!



### Dubuque's College Students Receive Warm Welcome from City of Dubuque Mayor Brad Cavanagh

This month, Greater Dubuque Development worked with Mayor Brad Cavanagh to connect with new and returning college students and their families. In collaboration with the administration at Clarke University, Emmaus Bible College, Loras College, Northeast Iowa Community College, the University of Dubuque, and Wartburg Seminary, over 9,000 electronic and physical welcome letters were sent out. The Mayor's welcoming sentiments were accompanied by information about programs targeted at helping college students find gainful and flexible employment, take advantage of public transportation, and explore all the Greater Dubuque region has to offer so that **YOU can be great here.**

[Learn About Programs for Dubuque's New & Returning College Students](#)



**Business Services**

**YOUR BUSINESS** can be great here.

**Business Services**

## **Innovation Lab Offers Seed Funding for Entrepreneurial Efforts**

The Innovation Lab, a non-profit organization working to spark economic growth through innovation and entrepreneurship in the Greater Dubuque region, is accepting grant applications for their [Entrepreneurship Event](#) and [Ecosystem Initiative](#) funding programs.

[Learn More >](#)



### **Interested in learning more about support for your new or existing business?**

Contact Jason White, Vice President of Business Services, at 563-557-9049 or [jasonw@greaterdubuque.org](mailto:jasonw@greaterdubuque.org).





#### Strategic Initiatives

## City of Dubuque Continues Push on New Housing

Hats off to the City of Dubuque as it continues its push to support new housing capacity. In the last month, Dubuque has announced several new major housing developments which combined will create nearly 500 new units.

[Learn More >](#)



Image courtesy of Key City Creative Center

#### Strategic Initiatives

## “Staging Storefronts” on Central Avenue Curve

A collaboration between Dubuque Initiatives, Key City Creative Center, and Dubuque Main Street is bringing new life to the 1700 and 1800 blocks of Central Avenue in downtown Dubuque with creations and innovations by local artists and entrepreneurs staged in previously empty storefronts.

[Read More >](#)



### Interested in learning more about our Strategic Initiatives?

Contact Dave Lyons, Strategic Initiatives Consultant, at 563-557-9049 or [davel@greaterdubuque.org](mailto:davel@greaterdubuque.org).

Workforce Solutions

**YOUR CAREER** can be great here.





Job seekers and area employers connect at the AccessDubuqueJobs.com College Career & Professional Development Fair in March 2023.

#### Career Fair

## Mark Your Calendar: AccessDubuqueJobs.com Fall Career Fair

Employer registration is now open and all area job seekers are encouraged to attend the AccessDubuqueJobs.com Fall Career Fair. Set for Wednesday, October 11, 2023 from 1:00 - 4:00 p.m., this career fair will feature over 40 area employers representing full-time, part-time, and internship opportunities the region.

[Read More >](#)

[Register for an Employer Booth at the AccessDubuqueJobs.com Fall Career Fair](#)



#### Work That Works

## Aligning Workforce Needs with Student Availability

Our Work that Works program is an innovative solution to fill the growing workforce needs of area employers by connecting students at institutions of high learning with flexible schedule, high-paying opportunities.

[Learn More >](#)





**Interested in learning more about our Work That Works program?**  
Contact Nic Hockenberry, Director of Workforce Programming, at 563-557-9049 or [nicolash@greaterdubuque.org](mailto:nicolash@greaterdubuque.org).



Future Leadership Team members offer introductions during the September 6, 2023 meeting held in the board room at Greater Dubuque Development's office at 900 Jackson Street in Dubuque's Historic Millwork District.

[Event Recap](#)

## Future Leadership Team Provides Input on Next Gen Perceptions Survey, New Members Welcomed

On Wednesday, September 6, 2023, the Greater Dubuque Development Future Leadership Team met for its first regularly scheduled meeting for our 2023-2024 fiscal year. Members were welcomed by Rick Dickinson, President & CEO of Greater Dubuque Development and then offered introductions around the room to acquaint returning and incoming Future Leadership Team members with one another. The remainder of the meeting was facilitated by Mandi Dolson, Director of Workforce Recruitment & Retention, to engage the Future Leadership Team in shaping our forthcoming "Next Gen Perceptions Survey" that will launch this Fall.

[Learn More >](#)





### [Newcomer Services](#)

## Next Distinctively Dubuque Session Starts October 4

It's hard to believe another successful round of Distinctively Dubuque is already in the books! The final night of our 54th session included a tour of the Historic Millwork District, dinner and stunning views atop the Dupaco Community Credit Union Operations Center, and a panel of community leaders sharing insights into what exciting things are on the horizon for the Greater Dubuque region. The final session of 2023 will kick off on Wednesday, October 4, 2023 and dates are set for all 2024 sessions. Registration is open for this FREE, fun, and interactive class, geared towards newcomers that have moved to the area within the last 5 years.

[Read More and Register Today >](#)

### AccessDubuqueJobs.com Update

## YOUR SUPPORT can be great here.

Invest in [AccessDubuqueJobs.com](#) and receive unlimited access to the top regional jobs site, expert assistance from our Workforce Solutions team, and a suite of newcomer service tools.

### New Investors

- Welu, Inc.
- Habitat for Humanity Dubuque and Jackson Counties
- City of Dyersville

### Renewed Investors

- Innovation Ag
- Honkamp P.C.
- Morrison Bros. Co.
- Premier Tooling & Manufacturing
- Rainbo Oil Company
- Rt&T Enterprises
- Uelner Precision Tool & Die
- Universal Tank & Fabrication
- Zero Zone, Inc.



**Interested in becoming a Workforce Solutions investor with unlimited posting options on [AccessDubuqueJobs.com](#)?**

Contact Mandi Dolson, Director of Workforce Recruitment & Retention, at 563-557-9049 or [mandid@greaterdubuque.org](mailto:mandid@greaterdubuque.org).





AccessDubuqueJobs.com is made possible through a partnership between TH Media and Greater Dubuque Development Corporation.

#### Community Information

**YOUR LIFE** can be great here.



#### Get Involved

### Connect with the Greater Dubuque Community Through Volunteering

Volunteer DBQ, a partnership between the United Way of the Dubuque Area Tri-States and the City of Dubuque AmeriCorps program connects community members with agencies who can utilize their time and talents to enhance the quality of life in our region.

[Learn More >](#)



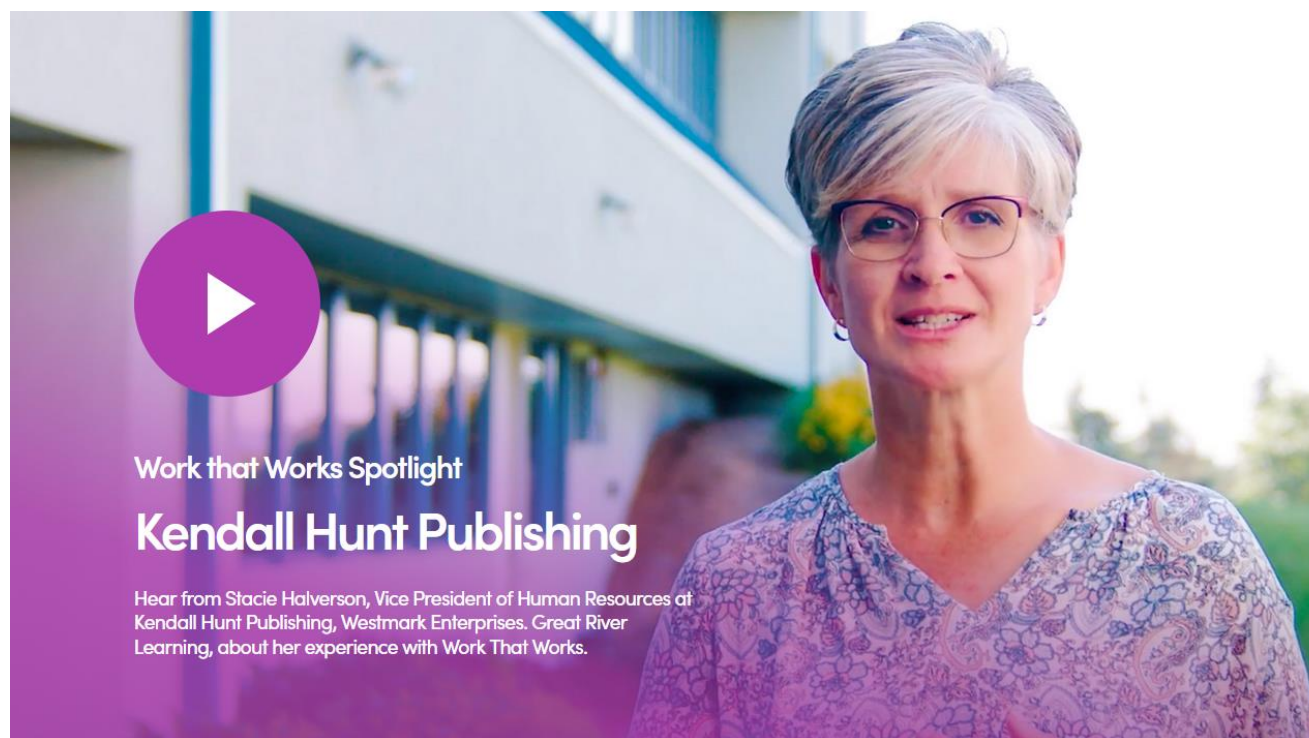


### Community News

## DRA Awards More than \$1 Million Through Core Grant Program

The DRA, thanks to its gaming and entertainment facilities, recently announced grants to 52 organizations in the tri-state area to support programs and initiatives that focus on people attraction initiatives.

[Learn More >](#)



### Upcoming Events

## YOUR NETWORK can be great here.

**Saturday, September 30**

### Latinx Fiesta

2:00 - 8:00 p.m. | 62 E 7th St., Dubuque, IA

Celebrate the diverse cultures, art, music and cuisine of Latin America at the Latinx Fiesta hosted by Dubuque Unidos. This FREE family-friendly festival will take place inside and outside the Smokestack and in the parking lot of the Dubuque County Courthouse at the intersection of 7th and Central Streets in downtown Dubuque. The event will feature Latin



food, live music from Latin bands, dancers performing traditional Latin American dances, vendors selling Latin-inspired crafts and art, and a Latinx art exhibit.

[Learn More >](#)

**Friday, October 6**

## **“Staging Storefronts” Community Event**

**5:00 - 8:00 p.m. | 1700-1800 Blocks of Central Avenue | Dubuque, IA**

Join Key City Creative Center, Dubuque Initiatives, and Dubuque Main Street to learn more about the Staging Storefronts effort and meet the artists and entrepreneurs participating in the program. Temporarily occupied storefronts throughout the 1700-1800 block of Central Avenue in downtown Dubuque will be open to the public, with entrepreneurs on-hand to talk about their products and services. This FREE event will also feature live music with neighborhood restaurants and established businesses open extended hours.

[Learn More >](#)

**Wednesday, October 11**

## **AccessDubuqueJobs.com Fall Career Fair**

**1:00 - 4:00 p.m. | Hotel Julien | 200 Main St., Dubuque, IA**

Calling all job seekers to Greater Dubuque Development's AccessDubuqueJobs.com Fall Career Fair. Connect with over 40 area employers representing top jobs in the Greater Dubuque region. This event is FREE and open to the public. Employer booths are still available for no charge to all Workforce Solutions Investors.

[Learn More >](#)

# **YOU Can Be Great Here Campaign**

**Our sights are set on 5 goals through 2027.**

**Grow our regional workforce to over 64,000 jobs.**

**Support median household income to reach \$76,000.**

**Encourage and facilitate \$1 billion of new construction.**

**Reduce regional poverty by 5%.**

**Reach a population of 105,000 in the Greater Dubuque region.**

[View Progress](#)



View past issues of the newsletter [here](#).



**YOU** can be great here.

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*Photo Credit: William Beardsley, Iowans in Action 2nd Place*

*13th Annual Keep Iowa Beautiful Annual Photography Contest Submission*

## September 2023 Newsletter





## Get Involved: Hometown Pride Program Seeking New Communities

We're looking for a new crop of communities to join the Hometown Pride program!

Your hometown can join the 100+ communities who have used Hometown Pride to help grow local leadership, create new community amenities, enhance civic pride, and increase economic vitality. New communities typically join as a group of 7-10 towns in a county/region.

For more information and program details,



visit <https://keepiowabeautiful.org/programming/hometown-pride/>.

Questions? Reach out to Lorin at [lditzler@keepiowabeautiful.com](mailto:lditzler@keepiowabeautiful.com).

**Keep an eye out for other upcoming programs:** applications for scholarships and Paint Iowa Beautiful grants will be opening soon!



## Iowa Communities Utilize Paint Iowa Beautiful Grants

Through Keep Iowa Beautiful's longstanding partnership with Diamond Vogel, the Paint Iowa Beautiful program awards paint grants to volunteers and organizations for community improvement projects. This furthers Keep Iowa Beautiful's belief that well-maintained and painted buildings reflect pride in our communities.



Schori Park in **Elgin, Iowa**, has new life thanks to a recent Paint Iowa Beautiful grant.

All the park shelters were repainted, including the big shelter near the playground area, the picnic shelter with built-in bathrooms and the concessions stand.

The horse barn at the Tracy House Museum in **Ocheyedan, Iowa**, has a new coat of paint thanks to a Paint Iowa Beautiful grant.

The horse barn, one of the oldest buildings in Ocheyedan, was donated to the Tracy House Museum and moved to the museum's property. After making much-needed repairs to the roof, volunteers used a Paint Iowa Beautiful grant to give the structure a new coat of red paint over the summer.







The Solon Public Library in **Solon, Iowa**, is now enjoying a fresh coat of paint in its community meeting room and kitchen area.

It had been at least 10 years since these areas were painted, and the old pink/beige color has been replaced with a bright cool-toned paint. It's the perfect update to rooms that are used daily as free meeting spaces for library programs, organizational meetings, and community celebrations.

[Learn More](#)

## Hometown Pride Updates

Keep Iowa Beautiful's Hometown Pride program brings community members and volunteers together to drive positive change in Iowa's hometowns. Check out some of the great work happening in our Hometown Pride Communities!

## Maquoketa Hometown Pride Holds Fifth Annual Magtoberfest

Our Hometown Pride contingent in Maquoketa held its fifth annual Maqtoberfest this month!

This annual fall event is a great opportunity for community members to come together for a day of fun and community celebration.

[illegible]





## Luxemborg Hosts "Sunday Funday" Fundraiser Event

Volunteers in Luxemborg, Iowa, hosted a "Sunday Funday" event in the park, including inflatable activities, train rides and a food truck.

The event was a success, and money raised will go toward future community events and the installation of a trail in the park.

## Manchester Raises Funds for New City Dog Park

Work is underway on a new dog park in Manchester, Iowa! This Hometown Pride initiative will provide a community space for pups and their owners in Manchester.

The area has already been seeded, signage put up and fundraising is underway for this great project.



## Social Media Submissions



## Keep Iowa Beautiful wants to share your community's good news!

Are you proud of a completed project in your town? Do you want to show off a new mural in your downtown? Did you host a fun, exciting event for your community? We want to know about it!

Click on the button below to share short descriptions of events, projects, or news from your town! You can include pictures and captions as well. Keep Iowa Beautiful will share your post on our social media!

[Submit Your Stories](#)

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## You Can Stop Litter!

You can help reduce litter in Iowa!

When you see litter happening on Iowa's roadways, call 1-888-NOLITTR (1-888-665-4887) to report littering from a vehicle.

Please provide as much detail about the incident as possible:

- License plate number
- Time and specific location (street & city)
- What was thrown from the vehicle
- A vehicle description (color, make and model)

Reported offenders will receive a warning letter from Keep Iowa Beautiful drawing attention to their offense. This sends the message that people, like you, are watching.





## Your Support Matters!

Consider supporting Keep Iowa Beautiful to help us continue our work improving Iowa communities! Remember: donations to Keep Iowa Beautiful are tax deductible!

Donations can be made online or checks can be mailed to our office:

Keep Iowa Beautiful

2910 Westown Pkwy. Suite 302

West Des Moines, IA 50266

[Donate](#)

### KEEP IOWA BEAUTIFUL

2910 Westown Parkway, Suite 302 | West Des Moines, IA 50266  
[www.KeepIowaBeautiful.org](http://www.KeepIowaBeautiful.org)





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City of Dyersville, Dubuque & Delaware Counties, IA

General Obligation Debt

		2013		2018		2019		2021A		FY
		\$2,735,000 GO Corp Purp Bonds		\$4,395,000 GO Refunding Bonds		\$5,855,000 GO Corp Purp Bonds		\$2,885,000 GO Corp Purp Bonds & Ref		
		Issued: 7/9/2013 TIC - 2.5316%		Issued: 3/15/2018 TIC - 2.6251%		Issued: 6/27/2019 TIC - 2.5274%		Issued: 8/31/2021 TIC - 1.4133%		
Date	Fiscal Year	"Callable" Principal	Principal & Interest	Principal	Principal & Interest	Principal	Principal & Interest	Principal	Principal & Interest	
01-Dec-2023			\$ 13,996.25		\$ 27,911.25		\$ 60,362.50		\$ 15,026.25	
01-June-2024	2024	\$ 160,000.00	173,996.25	\$ 500,000.00	527,911.25	\$ 370,000.00	430,362.50	\$ 320,000.00	335,026.25	
01-Dec-2024			11,836.25		21,661.25		56,662.50		13,426.25	
01-June-2025	2025	160,000.00	171,836.25	510,000.00	531,661.25	340,000.00	396,662.50	330,000.00	343,426.25	
01-Dec-2025			9,556.25		14,903.75		53,262.50		11,776.25	
01-June-2026	2026	170,000.00	179,556.25	525,000.00	539,903.75	350,000.00	403,262.50	335,000.00	346,776.25	
01-Dec-2026			7,006.25		7,685.00		49,762.50		10,101.25	
01-June-2027	2027	175,000.00	182,006.25	530,000.00	537,685.00	365,000.00	414,762.50	130,000.00	140,101.25	
01-Dec-2027			4,250.00				46,112.50		9,451.25	
01-June-2028	2028	180,000.00	184,250.00			380,000.00	426,112.50	135,000.00	144,451.25	
01-Dec-2028			1,190.00				42,075.00		8,742.50	
01-June-2029	2029	70,000.00	71,190.00			380,000.00	422,075.00	135,000.00	143,742.50	
01-Dec-2029							37,800.00		7,966.25	
01-June-2030	2030					400,000.00	437,800.00	135,000.00	142,966.25	
01-Dec-2030							31,800.00		7,088.75	
01-June-2031	2031					360,000.00	391,800.00	145,000.00	152,088.75	
01-Dec-2031							26,400.00		6,073.75	
01-June-2032	2032					375,000.00	401,400.00	145,000.00	151,073.75	
01-Dec-2032							20,775.00		4,950.00	
01-June-2033	2033					390,000.00	410,775.00	110,000.00	114,950.00	
01-Dec-2033							14,925.00		4,097.50	
01-June-2034	2034					400,000.00	414,925.00	110,000.00	114,097.50	
01-Dec-2034							8,925.00		3,162.50	
01-June-2035	2035					420,000.00	428,925.00	115,000.00	118,162.50	
01-Dec-2035							2,625.00		2,185.00	
01-June-2036	2036					175,000.00	177,625.00	115,000.00	117,185.00	
01-Dec-2036									1,092.50	
01-June-2037	2037							115,000.00	116,092.50	
01-Dec-2037										
01-June-2038	2038									
		\$ 915,000.00	\$ 1,010,670.00	\$ 2,065,000.00	\$ 2,209,322.50	\$ 4,705,000.00	\$ 5,607,975.00	\$ 2,375,000.00	\$ 2,585,280.00	

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Dubuque & Delaware Counties, IA

General Obligation Debt

2021B			2023									
\$1,050,000 Taxable GO Corp Purp Bonds			\$2,625,000 GO Corp Purp Bonds						Less	Less	Less	
Issued: 8/31/2021      TIC - 1.9232%			Issued: 3/7/2023      TIC - 3.1553%				Total	Total Principal & Interest	T.I.F. Revenue	General Fund Revenue (2021A)	Road Use Tax Revenue (2021A)	
FY	Principal	Principal & Interest	Principal	Principal & Interest	Principal		FY					
		\$ 8,043.75		\$ 60,065.50		\$ 185,405.50						
24	\$ 75,000.00	83,043.75	\$ 175,000.00	215,953.75	\$ 1,600,000.00	1,766,293.75	\$ 617,071.77	\$ 43,098.00	\$ 5,275.00	24		
25	80,000.00	87,818.75	210,000.00	248,328.75	1,630,000.00	1,779,733.75	618,305.02	44,880.00	5,245.00	25		
26	80,000.00	87,398.75	220,000.00	255,178.75	1,680,000.00	1,812,076.25	616,430.02	44,400.00	5,192.50	26		
27	85,000.00	91,978.75	225,000.00	256,878.75	1,510,000.00	1,623,412.50	619,067.52		10,140.00	27		
28	75,000.00	81,383.75	235,000.00	263,503.75	1,005,000.00	1,099,701.25	355,972.52			28		
29	75,000.00	80,858.75	245,000.00	269,978.75	905,000.00	987,845.00	349,927.50			29		
30	75,000.00	80,202.50	255,000.00	276,303.75	865,000.00	937,272.50	358,617.50			30		
31	65,000.00	69,546.25	265,000.00	282,478.75	835,000.00	895,913.75	310,447.50			31		
32	65,000.00	68,977.50	125,000.00	138,503.75	710,000.00	759,955.00	308,437.50			32		
33	60,000.00	63,327.50	130,000.00	141,628.75	690,000.00	730,681.25	311,217.50			33		
34	60,000.00	62,727.50	135,000.00	144,678.75	705,000.00	736,428.75	313,697.50			34		
35	60,000.00	62,127.50	140,000.00	147,485.00	735,000.00	756,700.00	320,695.00			35		
36	60,000.00	61,437.50	85,000.00	90,035.00	435,000.00	446,282.50	322,030.00			36		
37	65,000.00	65,747.50	90,000.00	93,420.00	270,000.00	275,260.00	142,695.00			37		
38			90,000.00	91,710.00	90,000.00	91,710.00				38		
\$ 980,000.00		\$ 1,113,152.50	\$ 2,625,000.00		\$ 3,226,244.25	\$ 13,665,000.00	\$ 15,752,644.25	\$ 5,564,611.85	\$ 132,378.00	\$ 25,852.50		



City of Dyersville, Dubuque & Delaware Counties, IA

General Obligation Debt

FY	Less Sewer Revenue (2021A & 2021B)	Less Water Revenue (2021A & 2021B)	Less Sewer Revenue (2023)	Less Sewer Revenue	Less Water Revenue (2023)	Less Water Revenue	Total Property Taxes	FY
24	\$ 166,122.00	\$ 39,180.00	\$ 26,660.00	\$ 177,987.50	\$ 20,920.00	\$ 207,527.50	\$ 647,857.48	24
25	170,430.00	40,800.00	24,800.00	144,042.50	24,350.00	202,832.50	653,782.48	25
26	168,852.50	40,400.00	24,200.00	145,477.50	23,750.00	212,860.00	662,589.98	26
27	51,195.00		23,600.00	146,602.50	23,150.00	207,260.00	655,809.98	27
28	50,685.00		28,000.00		22,550.00		737,194.98	28
29	45,160.00		27,250.00		21,950.00		626,402.50	29
30	44,640.00		26,500.00		21,350.00		558,437.50	30
31	44,075.00		25,750.00		25,750.00		550,805.00	31
32	43,480.00						457,992.50	32
33	32,815.00						427,330.00	33
34	32,350.00						421,810.00	34
35	31,840.00						425,865.00	35
36	36,330.00						99,205.00	36
37	35,665.00						102,160.00	37
38							93,420.00	36
\$ 953,639.50 \$ 120,380.00 \$ 206,760.00 \$ 614,110.00 \$ 183,770.00 \$ 830,480.00 \$ 7,120,662.40								



# City of Dyersville, Delaware and Dubuque Counties, IA

## Revenue Debt

\*THESE REVENUE DEBTS DO NOT COUNT AGAINST YOUR CONSTITUTIONAL DEBT LIMIT\*

		2010 SRF		2016 SRF		2020 SRF		Total Sewer	Total Sewer	FY
		\$1,171,000 Sewer Revenue		\$3,626,729 Sewer Revenue		\$2,800,000 Sewer Rev				
		Issued: 2/10/10	TIC - 2.00%	Issued: 5/6/2016	TIC - 2.00%	Issued: 10/11/2020	TIC - 2.00%			
	Fiscal Year	"Callable" Principal	Principal & Interest	Principal	Principal & Interest	Principal	Principal & Interest	Principal	Principal & Interest	
Date										
01-Dec-2023	2024			-	\$ 13,235.00		\$ 24,470.00			
01-June-2024		\$ 64,000.00	\$ 73,940.00	\$ 173,000.00	186,235.00	\$ 122,000.00	146,470.00	\$ 359,000.00	\$ 444,350.00	24
01-Dec-2024	2025			-	12,370.00		23,250.00			
01-June-2025		66,000.00	74,660.00	175,000.00	187,370.00	125,000.00	148,250.00	366,000.00	445,900.00	25
01-Dec-2025	2026			-	11,495.00		22,000.00			
01-June-2026		69,000.00	76,340.00	177,000.00	188,495.00	127,000.00	149,000.00	373,000.00	447,330.00	26
01-Dec-2026	2027			-	10,610.00		20,730.00			
01-June-2027		71,000.00	76,960.00	179,000.00	189,610.00	130,000.00	150,730.00	380,000.00	448,640.00	27
01-Dec-2027	2028			-	9,715.00		19,430.00			
01-June-2028		73,000.00	77,540.00	181,000.00	190,715.00	132,000.00	151,430.00	386,000.00	448,830.00	28
01-Dec-2028	2029			-	8,810.00		18,110.00			
01-June-2029		76,000.00	79,080.00	183,000.00	191,810.00	135,000.00	153,110.00	394,000.00	450,920.00	29
01-Dec-2029	2030			-	7,895.00		16,760.00			
01-June-2030		78,000.00	79,560.00	187,000.00	194,895.00	138,000.00	154,760.00	403,000.00	453,870.00	30
01-Dec-2030	2031			-	6,960.00		15,380.00			
01-June-2031				189,000.00	195,960.00	141,000.00	156,380.00	330,000.00	374,680.00	31
01-Dec-2031	2032			-	6,015.00		13,970.00			
01-June-2032				191,000.00	197,015.00	143,000.00	156,970.00	334,000.00	373,970.00	32
01-Dec-2032	2033			-	5,060.00		12,540.00			
01-June-2033				193,000.00	198,060.00	146,000.00	158,540.00	339,000.00	374,200.00	33
01-Dec-2033	2034			-	4,095.00		11,080.00			
01-June-2034				195,000.00	199,095.00	149,000.00	160,080.00	344,000.00	374,350.00	34
01-Dec-2034	2035			-	3,120.00		9,590.00			
01-June-2035				206,000.00	209,120.00	152,000.00	161,590.00	358,000.00	383,420.00	35
01-Dec-2035	2036			-	2,090.00		8,070.00			
01-June-2036				208,000.00	210,090.00	155,000.00	163,070.00	363,000.00	383,320.00	36
01-Dec-2036	2037			-	1,050.00		6,520.00			
01-June-2037				210,000.00	211,050.00	158,000.00	164,520.00	368,000.00	383,140.00	37
01-Dec-2037	2038						4,940.00			
01-June-2038						161,000.00	165,940.00	161,000.00	170,880.00	38
01-Dec-2038	2039						3,330.00			
01-June-2039						165,000.00	168,330.00	165,000.00	171,660.00	39
01-Dec-2039	2040						1,680.00			
01-June-2040						168,000.00	169,680.00	168,000.00	171,360.00	40
01-Dec-2040	2041									
01-June-2041								-	-	41
		\$ 497,000.00	\$ 538,080.00	\$ 2,647,000.00	\$ 2,852,040.00	\$ 1,953,000.00	\$ 2,910,700.00	\$ 5,097,000.00	\$ 5,786,920.00	

SPEER FINANCIAL, INC.  
September 15, 2023

\*preliminary subject to closeout

\*preliminary subject to closeout



City of Dyersville, Delaware and Dubuque Counties, IA

Revenue Debt

\*THESE REVENUE DEBTS DO NOT COUNT AGAINST YOUR CONSTITUTIONAL DEBT LIMIT\*

2016 SRF			2020 SRF		Total Water Principal	Total Water Principal & Interest	Less Sewer Revenue	Less Water Revenue	Total Property Taxes	FY
\$313,945.10 Water Revenue (after LF)		\$1,600,000 Water Revenue								
Issued: 5/6/2016		Issued: 3/6/20								
	Principal	Principal & Interest	Principal	Principal & Interest						
		\$ 2,190.00		\$ 13,990.00						
24	\$ 15,000.00	17,190.00	\$ 70,000.00	83,990.00	\$ 85,000.00	\$ 117,360.00	\$ 444,350.00	\$ 117,360.00	-	24
		2,040.00		13,290.00						
25	15,000.00	17,040.00	71,000.00	84,290.00	86,000.00	116,660.00	445,900.00	116,660.00	-	25
		1,890.00		12,580.00						
26	16,000.00	17,890.00	73,000.00	85,580.00	89,000.00	117,940.00	447,330.00	117,940.00	-	26
		1,730.00		11,850.00						
27	16,000.00	17,730.00	74,000.00	85,850.00	90,000.00	117,160.00	448,640.00	117,160.00	-	27
		1,570.00		11,110.00						
28	16,000.00	17,570.00	76,000.00	87,110.00	92,000.00	117,360.00	448,830.00	117,360.00	-	28
		1,410.00		10,350.00						
29	16,000.00	17,410.00	77,000.00	87,350.00	93,000.00	116,520.00	450,920.00	116,520.00	-	29
		1,250.00		9,580.00						
30	17,000.00	18,250.00	79,000.00	88,580.00	96,000.00	117,660.00	453,870.00	117,660.00	-	30
		1,080.00		8,790.00						
31	17,000.00	18,080.00	80,000.00	88,790.00	97,000.00	116,740.00	374,680.00	116,740.00	-	31
		910.00		7,990.00						
32	17,000.00	17,910.00	82,000.00	89,990.00	99,000.00	116,800.00	373,970.00	116,800.00	-	32
		740.00		7,170.00						
33	18,000.00	18,740.00	84,000.00	91,170.00	102,000.00	117,820.00	374,200.00	117,820.00	-	33
		560.00		6,330.00						
34	18,000.00	18,560.00	85,000.00	91,330.00	103,000.00	116,780.00	374,350.00	116,780.00	-	34
		380.00		5,480.00						
35	19,000.00	19,380.00	87,000.00	92,480.00	106,000.00	117,720.00	383,420.00	117,720.00	-	35
		190.00		4,610.00						
36	19,000.00	19,190.00	89,000.00	93,610.00	108,000.00	117,600.00	383,320.00	117,600.00	-	36
				3,720.00						
37			90,000.00	93,720.00	90,000.00	97,440.00	383,140.00	97,440.00	-	37
				2,820.00						
38			92,000.00	94,820.00	92,000.00	97,640.00	170,880.00	97,640.00	-	38
				1,900.00						
39			94,000.00	95,900.00	94,000.00	97,800.00	171,660.00	97,800.00	-	39
				960.00						
40			96,000.00	96,960.00	96,000.00	97,920.00	171,360.00	97,920.00	-	40
41					-	-	-	-	-	41
	\$ 219,000.00	\$ 250,880.00	\$ 1,399,000.00	\$ 1,664,040.00	\$ 1,618,000.00	\$ 1,914,920.00	\$ 6,300,820.00	\$ 1,914,920.00	\$ -	

\*preliminary subject to closeout



City of Dyersville, Dubuque & Delaware Counties, Iowa

T.I.F. Rebate Obligations

		Dubuque			Dubuque			Dubuque			Dubuque			Dubuque			Dubuque						
		D.E.D.C. (Brewery Subfun) *Annual Appropriation			D.E.D.C. (NuWorld)			WK Dyersville LLC *Annual Appropriation			Archiprop, L.C., *Annual Appropriation			Dueutmeyer Auto Advantage, Inc. *Annual Appropriation			Physical Therapy Solutions *Annual Appropriation			Go the Distance Baseball *Annual Appropriation			
		Resolution 76-19			Resolution 25-08			Resolution 86-22			Resolution 72-19			Resolution 80-16			Resolution 93-13			Resolution 61-22			
		July 15, 2019			September 2010			19-Sep-22			July 1, 2019			October 2016			December 2013			July 2022			
Date	Fiscal Year		Rebate	%		Rebate		Rebate	%		Rebate	%		Rebate	%	Rebate		Rebate					
01-Dec-2023 01-June-2024	2024	\$	16,667.00	80%	\$	24,838.00	\$	15,714.00	50%	\$	200,000.00	80%	\$	10,000.00	50%	\$	16,000.00			24			
01-Dec-2024 01-June-2025	2025		16,667.00	80%		24,838.00		15,714.00	50%		200,000.00	80%					16,000.00	\$	791,667.00	25			
01-Dec-2025 01-June-2026	2026		16,667.00	80%		24,838.00		15,714.00	50%		200,000.00	80%					16,000.00		791,667.00	26			
01-Dec-2026 01-June-2027	2027		16,667.00	80%		24,838.00		15,714.00	50%		200,000.00	80%							791,667.00	27			
01-Dec-2027 01-June-2028	2028		16,667.00	80%		24,838.00		15,714.00	50%		200,000.00	80%							791,667.00	28			
01-Dec-2028 01-June-2029	2029		16,667.00	80%		24,838.00		15,714.00	50%		200,000.00	80%							791,667.00	29			
01-Dec-2029 01-June-2030	2030		16,666.00	80%		24,838.00		15,714.00	50%		200,000.00	80%							791,667.00	30			
01-Dec-2030 01-June-2031	2031		16,666.00	80%							200,000.00	80%							791,667.00	31			
01-Dec-2031 01-June-2032	2032		16,666.00	80%							200,000.00	80%							791,667.00	32			
01-Dec-2032 01-June-2033	2033		16,666.00	80%							200,000.00	80%							791,667.00	33			
01-Dec-2033 01-June-2034	2034										200,000.00	80%							791,667.00	34			
01-Dec-2034 01-June-2035	2035										200,000.00	80%							791,667.00	35			
01-Dec-2035 01-June-2036	2036										200,000.00	80%							791,663.00	36			
01-Dec-2036 01-June-2037	2037																			37			
01-Dec-2037 01-June-2038	2038																			38			
		\$ 166,666.00			\$ 173,866.00			\$ 109,998.00			\$ 2,600,000.00			\$ 10,000.00			\$ 48,000.00			\$ 9,500,000.00			

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Dubuque & Delaware Counties, Iowa

T.I.F. Rebate Obligations

Dubuque		Dubuque		Dubuque		Dubuque		Dubuque-Casting Corner URA		Dubuque		Dubuque	
JCDUB LLC		Konzen Cabinetry & More, LLC		Koelker Plastics		Theisen's		Rose Garden Properties		Elite Dental P.C.		Hacnkey-Ehrisman	
*Annual Appropriation		*Annual Appropriation		*Annual Appropriation		*Annual Appropriation		*Annual Appropriation		*Annual Appropriation		*Annual Appropriation	
Resolution 04-21		Resolution 09-15		Resolution 43-17		Resolution 25-17		Resolution 20-18		Resolution 51-18		Resolution 61-19	
FY	April 2021	February 2015	August 2017		May 2017		March 2018		June 2018	June 2019			
	Rebate	Rebate	Rebate	%	Rebate	%	Rebate	%	Rebate	Rebate	FY		
24	\$ 5,500.00	\$ 2,000.00	\$ 14,285.71	50%	\$ 57,142.85	50%	\$ 49,000.00	50%	\$ 14,000.00	\$ 5,000.00	24		
25	5,500.00	2,000.00	14,285.71	50%	57,142.85	50%	49,000.00	50%	14,000.00	5,000.00	25		
26	5,500.00	2,000.00	14,285.74	50%	57,142.90	50%	49,000.00	50%			26		
27							49,000.00	50%			27		
28							49,000.00	50%			28		
29							49,000.00	50%			29		
30							49,000.00	50%			30		
31											31		
32											32		
33											33		
34											34		
35											35		
36											36		
37											37		
38											38		
\$ 16,500.00		\$ 6,000.00	\$ 42,857.16		\$ 171,428.60		\$ 343,000.00		\$ 28,000.00	\$ 10,000.00			



City of Dyersville, Dubuque & Delaware Counties, Iowa

T.I.F. Rebate Obligations

Dubuque			Dubuque		Delaware		Delaware		Delaware		Delaware		FY
Briley, LLC			This is Heaven LLC		Decker Concrete, Inc.		Farm Tek		Digga North America, Inc.		D.E.D.C. (Dardis)		
*Annual Appropriation			*Annual Appropriation		*Annual Appropriation						*Annual Appropriation		
Resolution 62-19			Resolution 85-22		Resolution 63-16		Resolution 60-10		Resolution 27-12		Resolution 92-13		
June 2017			1-Sep-22		July 2016		August 2010		September 2010		December 2013		
FY	Rebate	%	Rebate	Rebate	%	Rebate	Rebate	%	Rebate	%	FY		
24	\$ 14,000.00	50%		\$ 50,000.00	80%	\$ 49,333.00	\$ 66,667.00	80%	\$ 44,800.00	80%	24		
25	14,000.00	50%	\$ 266,666.00	50,000.00	80%	49,333.00	66,667.00	80%	44,800.00	80%	25		
26	14,000.00	50%	266,666.00	50,000.00	80%	49,333.00	66,667.00	80%	44,800.00	80%	26		
27			266,666.00	50,000.00	80%	49,333.00	66,667.00	80%	44,800.00	80%	27		
28			266,666.00	50,000.00	80%		66,667.00	80%	44,800.00	80%	28		
29			266,666.00						44,800.00	80%	29		
30			266,666.00						44,800.00	80%	30		
31			266,666.00								31		
32			266,666.00								32		
33			266,666.00								33		
34			266,666.00								34		
35			266,666.00								35		
36			266,666.00								36		
37											37		
38											38		
\$ 42,000.00			\$ 3,199,992.00		\$ 250,000.00		\$ 197,332.00		\$ 333,335.00		\$ 313,600.00		



City of Dyersville, Dubuque & Delaware Counties, Iowa

T.I.F. Rebate Obligations

Delaware				Delaware		Delaware		Delaware		Delaware/Dubuque		Delaware			
Hall of Fame, LLC *Annual Appropriation				JEDA Polymers, LLC *Annual Appropriation		D.E.D.C. *Annual Appropriation		Advanced Precast Co *Annual Appropriation		Dyersville Industries *Annual Appropriation		Willow Pear LLC *Annual Appropriation			
Resolution 60-19				Resolution 30-14		Resolution 07-15		Resolution 99-15		Resolution 01-17		Resolution 41-18			
FY	June 2017			May 2014		February 2015		December 2015		January 2017		May 2018			
	Rebate	%		Rebate	%	Rebate		Rebate		Rebate		Rebate		FY	
24	\$	54,166.00	80%	\$	54,500.00	80%	\$	121,500.00	\$	113,333.00	\$	125,000.00	\$	16,000.00	24
25		54,166.00	80%		54,500.00	80%		121,500.00		113,333.00		125,000.00		16,000.00	25
26		54,167.00	80%		54,500.00	80%		121,500.00		113,333.00		125,000.00			26
27		54,167.00	80%					121,500.00		113,333.00		125,000.00			27
28		54,167.00	80%					121,500.00		113,333.00		125,000.00			28
29		54,167.00	80%					120,500.00		113,334.00		125,000.00			29
30		54,167.00	80%							113,334.00		125,000.00			30
31		54,167.00	80%							113,334.00					31
32		54,167.00	80%							113,334.00					32
33		54,167.00	80%							113,334.00					33
34															34
35															35
36															36
37															37
38															38
\$ 541,668.00				\$ 163,500.00		\$ 728,000.00		\$ 1,133,335.00		\$ 875,000.00		\$ 32,000.00			



## City of Dyersville, Dubuque &amp; Delaware Counties, Iowa

## T.I.F. Rebate Obligations

Delaware			Delaware			Delaware			Dubuque			Dubuque			Delaware			Delaware			Delaware					
Digga North America, LLC *Annual Appropriation			Advanced Properties LLC *Annual Appropriation			Ancient Brands *Annual Appropriation																				
Resolution 79-19			Resolution 75-20			Resolution 84-22			Dubuque			Dubuque			County			Delaware			Delaware			County		
FY	August 2019		November 2020			September 2022			Total Annual Appropriation	Total Aggregate Rebate	Total Rebate	Total Annual Appropriation	Total Aggregate Rebate	Total Rebate	Total Annual Appropriation	Total Aggregate Rebate	Total Rebate	FY								
	Rebate	%	Rebate		Rebate																					
24	\$	35,000.00	80%	\$	260,000.00			\$	419,309.56	\$	24,838.00	\$	444,147.56	\$	874,299.00	\$	116,000.00	\$	990,299.00	24						
25		35,000.00	80%		260,000.00	\$	200,000.00		1,467,642.56		24,838.00		1,492,480.56		1,074,299.00		116,000.00		1,190,299.00	25						
26		35,000.00	80%		260,000.00		200,000.00		1,448,642.64		24,838.00		1,473,480.64		1,058,300.00		116,000.00		1,174,300.00	26						
27		35,000.00	80%		260,000.00		200,000.00		1,339,714.00		24,838.00		1,364,552.00		1,003,800.00		116,000.00		1,119,800.00	27						
28		35,000.00	80%		260,000.00		200,000.00		1,339,714.00		24,838.00		1,364,552.00		1,003,800.00		66,667.00		1,070,467.00	28						
29		35,000.00	80%		260,000.00		200,000.00		1,339,714.00		24,838.00		1,364,552.00		952,801.00		-		952,801.00	29						
30		35,000.00	80%		260,000.00		200,000.00		1,339,713.00		24,838.00		1,364,551.00		832,301.00		-		832,301.00	30						
31		35,000.00	80%		260,000.00		200,000.00		1,274,999.00		-		1,274,999.00		662,501.00		-		662,501.00	31						
32					260,000.00		200,000.00		1,274,999.00		-		1,274,999.00		627,501.00		-		627,501.00	32						
33					260,000.00		200,000.00		1,274,999.00		-		1,274,999.00		627,501.00		-		627,501.00	33						
34					260,000.00		200,000.00		1,258,333.00		-		1,258,333.00		460,000.00				460,000.00	34						
35					260,000.00				1,258,333.00		-		1,258,333.00		260,000.00				260,000.00	35						
36					260,000.00				1,258,329.00		-		1,258,329.00		260,000.00				260,000.00	36						
37					260,000.00				-		-		-		260,000.00				260,000.00	37						
38					260,000.00				-		-		-		260,000.00				260,000.00	38						
\$ 280,000.00			\$ 3,900,000.00			\$ 2,000,000.00			\$ 16,294,441.76	\$ 173,866.00	\$ 16,468,307.76	\$ 10,217,103.00	\$ 530,667.00	\$ 10,747,770.00												



City of Dyersville, Dubuque & Delaware Counties, Iowa

TIF Revenue Abatement

		Dubuque County		Dubuque County		Dubuque County		Dubuque County		Dubuque County		
		2018		2019		2021A		2023		Transfer To: General Obligation Debt Service Principal & Interest		
		\$3,050,000 G.O.TIF Abatement Issued: 3/15/2018		\$425,000 GO West Side Ped Bridge Issued 6/27/2019		\$615,000 GO TIF Abatement Issued 8/31/2021		\$1,030,000 GO TIF Abate (Ball Park) Issued 3/7/2023				
Date	Fiscal Year	Principal	Principal & Interest	Principal	Principal & Interest	Principal	Principal & Interest	Principal	Principal & Interest			FY
01-Dec-2023	24		\$ 11,418.75		\$ 3,384.38		\$ 4,020.00		\$ 24,645.50			
01-June-2024		\$ 205,000.00	216,418.75	\$ 40,000.00	43,384.38	\$ 40,000.00	44,020.00	\$ 40,000.00	56,803.75	\$ 404,095.51	24	
01-Dec-2024	25		8,856.25		2,984.38		3,820.00		16,203.75			
01-June-2025		210,000.00	218,856.25	40,000.00	42,984.38	40,000.00	43,820.00	55,000.00	71,203.75	408,728.76	25	
01-Dec-2025	26		6,073.75		2,584.38		3,620.00		15,378.75			
01-June-2026		215,000.00	221,073.75	40,000.00	42,584.38	40,000.00	43,620.00	55,000.00	70,378.75	405,313.76	26	
01-Dec-2026	27		3,117.50		2,184.38		3,420.00		14,553.75			
01-June-2027		215,000.00	218,117.50	45,000.00	47,184.38	40,000.00	43,420.00	60,000.00	74,553.75	406,551.26	27	
01-Dec-2027	28				1,734.38		3,220.00		13,653.75			
01-June-2028				45,000.00	46,734.38	40,000.00	43,220.00	60,000.00	73,653.75	182,216.26	28	
01-Dec-2028	29				1,256.25		3,010.00		12,753.75			
01-June-2029				45,000.00	46,256.25	40,000.00	43,010.00	60,000.00	72,753.75	179,040.00	29	
01-Dec-2029	30				750.00		2,780.00		11,853.75			
01-June-2030				50,000.00	50,750.00	40,000.00	42,780.00	65,000.00	76,853.75	185,767.50	30	
01-Dec-2030	31						2,520.00		10,878.75			
01-June-2031						40,000.00	42,520.00	70,000.00	80,878.75	136,797.50	31	
01-Dec-2031	32						2,240.00		9,828.75			
01-June-2032						40,000.00	42,240.00	70,000.00	79,828.75	134,137.50	32	
01-Dec-2032	33						1,930.00		8,778.75			
01-June-2033						40,000.00	41,930.00	75,000.00	83,778.75	136,417.50	33	
01-Dec-2033	34						1,620.00		7,653.75			
01-June-2034						45,000.00	46,620.00	75,000.00	82,653.75	138,547.50	34	
01-Dec-2034	35						1,237.50		6,435.00			
01-June-2035						45,000.00	46,237.50	80,000.00	86,435.00	140,345.00	35	
01-Dec-2035	36						855.00		5,035.00			
01-June-2036						45,000.00	45,855.00	85,000.00	90,035.00	141,780.00	36	
01-Dec-2036	37						427.50		3,420.00			
01-June-2037						45,000.00	45,427.50	90,000.00	93,420.00	142,695.00	37	
01-Dec-2037	38								1,710.00			
01-June-2038								90,000.00	91,710.00	93,420.00	38	
		\$ 845,000.00	\$ 903,932.50	\$ 305,000.00	\$ 334,756.30	\$ 580,000.00	\$ 649,440.00	\$ 1,030,000.00	\$ 1,347,724.25	\$ 3,235,853.05		

\$ 845,000.00 \$ 903,932.50 \$ 305,000.00 \$ 334,756.30 \$ 580,000.00 \$ 649,440.00 \$ 1,030,000.00 \$ 1,347,724.25 \$ 3,235,853.05

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Dubuque & Delaware Counties, Iowa

TIF Revenue Abatement

Delaware County					Delaware County	Delaware County	Delaware County	Dubuque County-Downtown URA	Dubuque County-Downtown URA	Delaware County						
2018					2019					Transfer To: General Obligation Debt Service Principal & Interest	Transfer To TIF Rebate Repayment Account	Transfer To: TIF Rebate Repayment Account	Interfund Loan LOST to TIF Gensis Two Mgmt Res 46-20	Interfund Loan LOST to TIF GT Development LLC Res 27-21	Dubuque County	Delaware County
\$610,000 G.O. TIF Abatement					\$2,090,000 GO Economic Grant										Total T. I. F. Taxes Fiscal Year	Total T. I. F. Taxes Fiscal Year
Issued: 3/15/2018					Issued 6/27/2019										Certify December 1st	Certify December 1st
FY	Principal	Principal & Interest	Principal	Principal & Interest												
24	\$ 40,000.00	\$ 2,160.00 42,160.00	\$ 120,000.00	\$ 24,328.13 144,328.13	\$ 212,976.26	\$ 444,147.56	\$ 990,299.00	\$ 10,000.00	\$ 10,000.00	\$ 868,243.07	\$ 1,203,275.26	24				
25	40,000.00	1,660.00 41,660.00	120,000.00	23,128.13 143,128.13	209,576.26	1,492,480.56	1,190,299.00	10,000.00	10,000.00	1,921,209.32	1,399,875.26	25				
26	40,000.00	1,130.00 41,130.00	125,000.00	21,928.13 146,928.13	211,116.26	1,473,480.64	1,174,300.00	10,000.00	10,000.00	1,898,794.40	1,385,416.26	26				
27	40,000.00	580.00 40,580.00	130,000.00	20,678.13 150,678.13	212,516.26	1,364,552.00	1,119,800.00	10,000.00	10,000.00	1,791,103.26	1,332,316.26	27				
28			135,000.00	19,378.13 154,378.13	173,756.26	1,364,552.00	1,070,467.00	10,000.00	10,000.00	1,566,768.26	1,244,223.26	28				
29			135,000.00	17,943.75 152,943.75	170,887.50	1,364,552.00	952,801.00	10,000.00	10,000.00	1,563,592.00	1,123,688.50	29				
30			140,000.00	16,425.00 156,425.00	172,850.00	1,364,551.00	832,301.00	10,000.00	10,000.00	1,570,318.50	1,005,151.00	30				
31			145,000.00	14,325.00 159,325.00	173,650.00	1,274,999.00	662,501.00	10,000.00	10,000.00	1,431,796.50	836,151.00	31				
32			150,000.00	12,150.00 162,150.00	174,300.00	1,274,999.00	627,501.00		10,000.00	1,419,136.50	801,801.00	32				
33			155,000.00	9,900.00 164,900.00	174,800.00	1,274,999.00	627,501.00			1,411,416.50	802,301.00	33				
34			160,000.00	7,575.00 167,575.00	175,150.00	1,258,333.00	460,000.00			1,396,880.50	635,150.00	34				
35			170,000.00	5,175.00 175,175.00	180,350.00	1,258,333.00	260,000.00			1,398,678.00	440,350.00	35				
36			175,000.00	2,625.00 177,625.00	180,250.00	1,258,329.00	260,000.00			1,400,109.00	440,250.00	36				
37						-	260,000.00			142,695.00	260,000.00	37				
38						-	260,000.00			93,420.00	260,000.00	38				
	\$ 160,000.00	\$ 171,060.00	\$ 1,860,000.00	\$ 2,251,118.80	\$ 2,422,178.80	\$ 16,468,307.76	\$ 10,747,770.00	\$ 80,000.00	\$ 90,000.00	\$ 19,874,160.81	\$ 13,169,948.80					



# City of Dyersville, Dubuque & Delaware Counties, Iowa

## General Obligation Debt Capacity

Column:	#1	#2	#3	#4	#5
	FY 22-23 1/1/2021	FY 23-24 1/1/2022	FY 24-25 1/1/2023	FY 25-26 1/1/2024	FY 26-27 1/1/2025

Assessed Valuation(100%)/GO Bond Capacity					
Property Valuation @(100%)(Actual/Projected)	\$526,990,158	\$546,742,370	\$557,677,217	\$568,830,762	\$580,207,377

Statutory GO Debt Limit @ 5% of 100% Value	\$26,349,508	\$27,337,119	\$27,883,861	\$28,441,538	\$29,010,369
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### Bonds/Obligations Outstanding (Beginning Fiscal Year)

GO Bonds (Outstanding - Maturities)	\$ 12,500,000.00	\$ 13,665,000.00	\$ 12,065,000.00	\$ 10,435,000.00	\$ 8,755,000.00
TIF Revenue Bonds Outstanding (Principal Only)					
Rebate Obligations Outstanding (Aggregate)	\$ 845,371.00	704,533.00	563,695.00	422,857.00	282,019.00
Rebate Obligations Outstanding (Annual Appropriation)	\$ 102,589.56	1,293,608.56	2,541,941.56	2,506,942.64	2,343,514.00

### Bonds/Obligations Paid (During Fiscal Year)

GO Debt (Principal Only) (Paid)	\$ 1,460,000.00	\$ 1,600,000.00	\$ 1,630,000.00	\$ 1,680,000.00	\$ 1,510,000.00
TIF Debt (Principal Only) (Paid)					
Rebate Paid (Aggregate)		140,838.00	140,838.00	140,838.00	140,838.00
Rebate Paid (Annual Appropriation)					

### Bonds/Obligations Issued (During Fiscal Year)

GO Bonds (Principal Only) (Issued)	\$ 2,625,000.00				
TIF Debt (Principal Only) (Issued)					
Loans (Principal Only) (Issued)					
TIF Rebate Obligations					

Remaining GO Debt Capacity (Not Obligated)	\$11,736,547	\$13,414,815	\$14,484,062	\$16,897,576	\$19,280,674
Percent of Capacity Remaining	44.54%	49.07%	51.94%	59.41%	66.46%

GO Contingency Reserve (% of GO Capacity)	20%	\$5,269,902	\$5,467,424	\$5,576,772	\$5,688,308	\$5,802,074
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Total GO Capacity - Less Contingency Reserve	\$6,466,646	\$7,947,391	\$8,907,290	\$11,209,269	\$13,478,600
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Percent of Capacity Remaining	24.54%	29.07%	31.94%	39.41%	46.46%
Percent Increase for Property Valuation Projection	3.748%	2.000%	2.000%	2.000%	2.000%



City of Dyersville, Dubuque & Delaware Counties, Iowa

General Obligation Debt Capacity

#6	#7	#8	#9	#10	#11	#12	#13	#14
FY 27-28 1/1/2026	FY 28-29 1/1/2027	FY 29-30 1/1/2028	FY 30-31 1/1/2029	FY 31-32 1/1/2030	FY 32-33 1/1/2031	FY 33-34 1/1/2032	FY 34-35 1/1/2033	FY 35-36 1/1/2034
\$591,811,525	\$603,647,755	\$615,720,710	\$628,035,124	\$640,595,827	\$653,407,743	\$666,475,898	\$679,805,416	\$693,401,524
\$29,590,576	\$30,182,388	\$30,786,036	\$31,401,756	\$32,029,791	\$32,670,387	\$33,323,795	\$33,990,271	\$34,670,076
\$ 7,245,000.00	\$ 6,240,000.00	\$ 5,335,000.00	\$ 4,470,000.00	\$ 3,635,000.00	\$ 2,925,000.00	\$ 2,235,000.00	\$ 1,530,000.00	\$ 795,000.00
141,181.00	49,676.00	24,838.00	-	-	-	-	-	-
5,343,514.00	2,292,515.00	2,172,014.00	1,937,500.00	1,902,500.00	1,902,500.00	1,718,333.00	1,518,333.00	1,518,329.00
\$ 1,005,000.00	\$ 905,000.00	\$ 865,000.00	\$ 835,000.00	\$ 710,000.00	\$ 690,000.00	\$ 705,000.00	\$ 735,000.00	\$ 435,000.00
91,505.00	24,838.00	24,838.00						
\$17,957,386	\$22,530,035	\$24,144,022	\$25,829,256	\$27,202,291	\$28,532,887	\$30,075,462	\$31,676,938	\$32,791,747
60.69%	74.65%	78.43%	82.25%	84.93%	87.34%	90.25%	93.19%	94.58%
\$5,918,115	\$6,036,478	\$6,157,207	\$6,280,351	\$6,405,958	\$6,534,077	\$6,664,759	\$6,798,054	\$6,934,015
\$12,039,271	\$16,493,557	\$17,986,814	\$19,548,905	\$20,796,333	\$21,998,810	\$23,410,703	\$24,878,884	\$25,857,732
40.69%	54.65%	58.43%	62.25%	64.93%	67.34%	70.25%	73.19%	74.58%
2.000%	2.000%	2.000%	2.000%	2.000%	2.000%	2.000%	2.000%	2.000%



# City of Dyersville, Delaware County, Iowa

## T. I. F. Debt Report

Frozen Base Value - \$10,194,977

Column: Fiscal Year County Assessor's Value as of	#1 FY 22-23 1/1/2021	#2 FY 23-24 1/1/2022	#3 FY 24-25 1/1/2023	#4 FY 25-26 1/1/2024	#5 FY 26-27 1/1/2025
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### TIF Value Existing

TIF Captured Value (Commercial Property @ 100%)	\$23,731,783	\$27,294,770	\$28,113,613	\$28,957,021	\$29,825,732
Commercial Property Rollback %	90.000%	90.0000%	90.0000%	90.0000%	90.0000%
TIF Captured Value (Commercial Property Rollback Value)	\$21,358,605	\$24,565,293	\$25,302,252	\$26,061,319	\$26,843,159

TIF Industrial Property @ 100%	\$34,672,769	\$34,850,336	\$35,895,846	\$36,972,721	\$38,081,903
Industrial Property Rollback %	90.000%	90.000%	90.000%	90.000%	90.000%
TIF Captured Value (Industrial Property Rollback Value)	\$31,205,492	\$31,365,302	\$32,306,261	\$33,275,449	\$34,273,713

TIF Personal Property/Agricultural @ 100%	\$101,400	\$101,400	\$104,442	\$107,575	\$110,803
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TIF Captured Value (Residential Property 100 % Value)	\$25,410,500	\$26,576,217	\$27,373,504	\$28,194,709	\$29,040,550
Residential Property Rollback %	54.1302%	54.6501%	54.6501%	54.6501%	54.6501%
TIF Captured Value (Residential Property Rollback Value)	\$13,754,754	\$14,523,929	\$14,959,647	\$15,408,436	\$15,870,690

TIF Captured Value (Multi-Residential Property 100 % Value)	\$0				
Multi- Residential Property Rollback %	63.7500%				
TIF Captured Value (Multi-Residential Property Rollback Value)	\$0				

Total TIF Property Value (Taxable)	\$66,420,251	\$70,555,925	\$72,672,602	\$74,852,780	\$77,098,364
Rate/Thousand	\$25.696	\$25.393	\$25.393	\$25.393	\$25.393
Total TIF Revenue (Taxable Value x Rate/Thousand)	\$ 1,706,703.56	\$ 1,791,642.11	\$ 1,845,391.38	\$ 1,900,753.12	\$ 1,957,775.71

Total TIF Dollars Available	\$ 1,706,703.56	\$ 1,791,642.11	\$ 1,845,391.38	\$ 1,900,753.12	\$ 1,957,775.71
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Current / Future Debt Service Requirements GO Obligations	\$ 211,216.26	\$ 212,976.26	\$ 209,576.26	\$ 211,116.26	\$ 212,516.26
Current / Future TIF Rebate Obligations	\$ 738,299.00	\$ 990,299.00	\$ 1,190,299.00	\$ 1,174,300.00	\$ 1,119,800.00
Current / Future TIF Obligations					

UNCLAIMED T.I.F. DOLLARS	\$ 757,188	\$ 588,367	\$ 445,516	\$ 515,337	\$ 625,459
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TIF Value Future Growth-Building Completed In Calendar Year:	2021	2022	2023	2024	2025
Commercial Property (100%)	\$0	\$0	\$0	\$0	\$0
Industrial Property (100%)	\$0	\$0	\$0	\$0	\$0
Agricultural Property (100%)	\$0	\$0	\$0	\$0	\$0
Housing Units Constructed/Year	0	0	0	0	0
Housing Unit Value/Unit	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Housing Units Constructed 100% Value	\$0	\$0	\$0	\$0	\$0
Total Future Value	\$0	\$0	\$0	\$0	\$0
Valuation Growth Factor	5.862%	3.000%	3.000%	3.000%	3.000%

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Delaware County, Iowa

T. I. F. Debt Report

#6	#7	#8	#9	#10	#11	#12	#13	#14
FY 27-28 1/1/2026	FY 28-29 1/1/2027	FY 29-30 1/1/2028	FY 30-31 1/1/2029	FY 31-32 1/1/2030	FY 32-33 1/1/2031	FY 33-34 1/1/2032	FY 34-35 1/1/2033	FY 35-36 1/1/2034
\$30,720,504	\$31,642,119	\$32,591,383	\$33,569,124	\$34,576,198	\$35,613,484	\$36,681,888	\$37,782,345	\$38,915,815
90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%
\$27,648,454	\$28,477,907	\$29,332,245	\$30,212,212	\$31,118,578	\$32,052,136	\$33,013,700	\$34,004,111	\$35,024,234
\$39,224,360	\$40,401,091	\$41,613,124	\$42,861,517	\$44,147,363	\$45,471,784	\$46,835,937	\$48,241,015	\$49,688,246
90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%
\$35,301,924	\$36,360,982	\$37,451,811	\$38,575,366	\$39,732,627	\$40,924,605	\$42,152,344	\$43,416,914	\$44,719,421
\$114,127	\$117,550	\$121,077	\$124,709	\$128,450	\$132,304	\$136,273	\$140,361	\$144,572
\$29,911,766	\$30,809,119	\$31,733,393	\$32,685,395	\$33,665,957	\$34,675,935	\$35,716,213	\$36,787,700	\$37,891,331
54.6501%	54.6501%	54.6501%	55.6209%	55.6209%	55.6209%	55.6209%	55.6209%	55.6209%
\$16,346,810	\$16,837,215	\$17,342,331	\$18,179,911	\$18,725,308	\$19,287,067	\$19,865,679	\$20,461,650	\$21,075,499
\$79,411,315	\$81,793,654	\$84,247,464	\$87,092,197	\$89,704,963	\$92,396,112	\$95,167,996	\$98,023,036	\$100,963,727
\$25.393	\$25.393	\$25.393	\$25.393	\$25.393	\$25.393	\$25.393	\$25.393	\$25.393
\$ 2,016,508.98	\$ 2,077,004.25	\$ 2,139,314.38	\$ 2,211,551.33	\$ 2,277,897.87	\$ 2,346,234.81	\$ 2,416,621.85	\$ 2,489,120.51	\$ 2,563,794.12
\$ 2,016,508.98	\$ 2,077,004.25	\$ 2,139,314.38	\$ 2,211,551.33	\$ 2,277,897.87	\$ 2,346,234.81	\$ 2,416,621.85	\$ 2,489,120.51	\$ 2,563,794.12
\$ 173,756.26	\$ 170,887.50	\$ 172,850.00	\$ 173,650.00	\$ 174,300.00	\$ 174,800.00	\$ 175,150.00	\$ 180,350.00	\$ 180,250.00
\$ 1,070,467.00	\$ 951,801.00	\$ 832,301.00	\$ 662,501.00	\$ 627,501.00	\$ 627,501.00	\$ 460,000.00	\$ 260,000.00	\$ 260,000.00
\$ 772,286	\$ 954,316	\$ 1,134,163	\$ 1,375,400	\$ 1,476,097	\$ 1,543,934	\$ 1,781,472	\$ 2,048,771	\$ 2,123,544
2026	2027	2028	2029	2030	2031	2032	2033	2034
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0	0	0	0	0	0	0	0	0
\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.000%	3.000%	3.000%	3.000%	3.000%	3.000%	3.000%	3.000%	3.000%



# City of Dyersville, Dubuque County, Iowa

## T. I. F. Debt Report

Frozen Base Value - \$11,576,819

Column:	#2	#3	#4	#5
Fiscal Year	FY 22-23	FY 23-24	FY 24-25	FY 25-26
County Assessor's Value as of	1/1/2021	1/1/2022	1/1/2023	1/1/2024

### TIF Value Existing

<b>TIF Captured Value (Commercial Property @ 100%)</b>	\$3,148,903	\$3,182,182	\$3,208,968	\$3,225,013
Commercial Property Rollback %	90.0000%	90.0000%	90.0000%	90.0000%
<b>TIF Captured Value (Commercial Property Rollback Value)</b>	\$2,834,013	\$2,863,964	\$2,888,071	\$2,902,512
<b>TIF Industrial Property @ 100%</b>	\$12,326,493	\$12,432,087	\$12,536,735	\$12,599,418
Industrial Property Rollback %	90.000%	90.000%	90.000%	90.000%
<b>TIF Captured Value (Industrial Property Rollback Value)</b>	\$11,093,844	\$11,188,878	\$11,283,061	\$11,339,477
<b>TIF Personal Property/Agricultural @ 100%</b>	\$0	\$0	\$0	\$0
<b>TIF Captured Value (Residential Property 100 % Value)</b>	\$32,096,932	\$32,430,129	\$32,703,111	\$32,866,627
Residential Property Rollback %	54.1302%	54.6501%	54.6501%	54.6501%
<b>TIF Captured Value (Residential Property Rollback Value)</b>	\$17,374,133	\$17,723,098	\$17,872,283	\$17,961,644
<b>TIF Captured Value (Multi-Residential Property 100 % Value)</b>	\$327,384			
Multi- Residential Property Rollback %	63.7500%			
<b>TIF Captured Value (Multi-Residential Property Rollback Value)</b>	\$208,707			

<b>Total TIF Property Value (Taxable)</b>	<b>\$31,510,697</b>	<b>\$31,775,940</b>	<b>\$32,043,416</b>	<b>\$32,203,633</b>
Rate/Thousand	\$23.850	\$25.783	\$25.783	\$25.783
<b>Total TIF Revenue (Taxable Value x Rate/Thousand)</b>	<b>\$ 751,519.73</b>	<b>\$ 819,293.36</b>	<b>\$ 826,189.80</b>	<b>\$ 830,320.75</b>

<b>Total TIF Dollars Available</b>	<b>\$ 751,519.73</b>	<b>\$ 819,293.36</b>	<b>\$ 826,189.80</b>	<b>\$ 830,320.75</b>
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Current / Future Debt Service Requirements GO Obligations	\$ 318,496.26	\$ 404,095.51	\$ 408,728.76	\$ 405,313.76
Current / Future TIF Rebate Obligations	\$ 379,433.56	\$ 395,147.56	\$ 1,443,480.56	\$ 1,424,480.64
Current / Future Interfund Loan TIF Obligations				

<b>UNCLAIMED T.I.F. DOLLARS</b>	<b>\$ 53,590</b>	<b>\$ 20,050</b>	<b>\$ (1,026,020)</b>	<b>\$ (999,474)</b>
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<b>TIF Value Future Growth-Building Completed In Calendar Year:</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
Commercial Property (100%)	\$0	\$0	\$0	\$0
Industrial Property (100%)	\$0	\$0	\$0	\$0
Agricultural Property (100%)	\$0	\$0	\$0	\$0
Housing Units Constructed/Year	0	0	0	0
Housing Unit Value/Unit	\$200,000	\$200,000	\$200,000	\$200,000
<b>Housing Units Constructed 100% Value</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Future Value</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Valuation Growth Factor</b>	<b>0.000%</b>	<b>0.842%</b>	<b>0.500%</b>	<b>0.500%</b>

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Dubuque County, Iowa  
T. I. F. Debt Report

#6	#7	#8	#9	#10	#11	#12	#13	#14
FY 26-27 1/1/2025	FY 27-28 1/1/2026	FY 28-29 1/1/2027	FY 29-30 1/1/2028	FY 30-31 1/1/2029	FY 31-32 1/1/2030	FY 32-33 1/1/2031	FY 33-34 1/1/2032	FY 34-35 1/1/2033
\$3,241,138	\$3,257,344	\$3,273,630	\$3,289,999	\$3,306,449	\$3,322,981	\$3,339,596	\$3,356,294	\$3,373,075
90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%
\$2,917,024	\$2,931,609	\$2,946,267	\$2,960,999	\$2,975,804	\$2,990,683	\$3,005,636	\$3,020,664	\$3,035,768
\$12,662,415	\$12,725,728	\$12,789,356	\$12,853,303	\$12,917,569	\$12,982,157	\$13,047,068	\$13,112,303	\$13,177,865
90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%
\$11,396,174	\$11,453,155	\$11,510,421	\$11,567,973	\$11,625,813	\$11,683,942	\$11,742,361	\$11,801,073	\$11,860,078
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$33,030,960	\$33,196,115	\$33,362,095	\$33,528,906	\$33,696,550	\$33,865,033	\$34,034,358	\$34,204,530	\$34,375,553
54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%
\$18,051,453	\$18,141,710	\$18,232,418	\$18,323,581	\$18,415,198	\$18,507,274	\$18,599,811	\$18,692,810	\$18,786,274
\$32,364,651	\$32,526,474	\$32,689,106	\$32,852,552	\$33,016,815	\$33,181,899	\$33,347,808	\$33,514,547	\$33,682,120
\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783
\$ 834,472.36	\$ 838,644.72	\$ 842,837.94	\$ 847,052.13	\$ 851,287.39	\$ 855,543.83	\$ 859,821.55	\$ 864,120.66	\$ 868,441.26
\$ 834,472.36	\$ 838,644.72	\$ 842,837.94	\$ 847,052.13	\$ 851,287.39	\$ 855,543.83	\$ 859,821.55	\$ 864,120.66	\$ 868,441.26
\$ 406,551.26	\$ 182,216.26	\$ 179,040.00	\$ 185,767.50	\$ 136,797.50	\$ 134,137.50	\$ 136,417.50	\$ 138,547.50	\$ 140,345.00
\$ 1,315,552.00	\$ 1,315,552.00	\$ 1,315,552.00	\$ 1,315,551.00	\$ 1,274,999.00	\$ 1,274,999.00	\$ 1,274,999.00	\$ 1,258,333.00	\$ 1,258,333.00
\$ (887,631)	\$ (659,124)	\$ (651,754)	\$ (654,266)	\$ (560,509)	\$ (553,593)	\$ (551,595)	\$ (532,760)	\$ (530,237)
2025	2026	2027	2028	2029	2030	2031	2032	2033
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0	0	0	0	0	0	0	0	0
\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%



## City of Dyersville, Dubuque County, Iowa

## T. I. F. Debt Report

CASTING CORNER URA

Frozen Base Value - \$22,530

Column:	#1	#2	#3	#4	#5
Fiscal Year	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
County Assessor's Value as of	1/1/2021	1/1/2022	1/1/2023	1/1/2024	1/1/2025

## TIF Value Existing

TIF Captured Value (Commercial Property @ 100%)	\$0	\$0	\$0	\$0	\$0
Commercial Property Rollback %	90.000%	90.0000%	90.0000%	90.0000%	90.0000%
TIF Captured Value (Commercial Property Rollback Value)	\$0	\$0	\$0	\$0	\$0

TIF Industrial Property @ 100%	\$0	\$0	\$0	\$0	\$0
Industrial Property Rollback %	90.000%	90.000%	90.000%	90.000%	90.000%
TIF Captured Value (Industrial Property Rollback Value)	\$0	\$0	\$0	\$0	\$0

TIF Personal Property/Agricultural @ 100%	\$0	\$0	\$0	\$0	\$0
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TIF Captured Value (Residential Property 100 % Value)	\$0	\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588
Residential Property Rollback %	54.1302%	54.6501%	54.6501%	54.6501%	54.6501%
TIF Captured Value (Residential Property Rollback Value)	\$0	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514

TIF Captured Value (Multi-Residential Property 100 % Value)	\$4,641,587				
Multi- Residential Property Rollback %	67.5000%				
TIF Captured Value (Multi-Residential Property Rollback Value)	\$3,133,071				

Total TIF Property Value (Taxable)	\$3,133,071	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514
Rate/Thousand	\$23.850	\$25.783	\$25.783	\$25.783	\$25.783
Total TIF Revenue (Taxable Value x Rate/Thousand)	\$ 74,722.71	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36

Total TIF Dollars Available	\$ 74,722.71	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36
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Current / Future Debt Service Requirements GO Obligations					
Current / Future TIF Rebate Obligations	\$ 49,000.00	\$ 49,000.00	\$ 49,000.00	\$ 49,000.00	\$ 49,000.00
Current / Future Interfund Loan TIF Obligations	\$88,200.00				

UNCLAIMED T.I.F. DOLLARS	\$ (62,477)	\$ 19,700	\$ 19,700	\$ 19,700	\$ 19,700
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TIF Value Future Growth-Building Completed In Calendar Year:	2021	2022	2023	2024	2025
Commercial Property (100%)	\$0	\$0	\$0	\$0	\$0
Industrial Property (100%)	\$0	\$0	\$0	\$0	\$0
Agricultural Property (100%)	\$0	\$0	\$0	\$0	\$0
Housing Units Constructed/Year	0	0	0	0	0
Housing Unit Value/Unit	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Housing Units Constructed 100% Value	\$0	\$0	\$0	\$0	\$0
Total Future Value	\$0	\$0	\$0	\$0	\$0
Valuation Growth Factor	-14.955%	0.000%	0.000%	0.000%	0.000%

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Dubuque County, Iowa

T. I. F. Debt Report

CASTING CORNER URA

#6	#7	#8	#9	#10	#11	#12	#13	#14
FY 27-28 1/1/2026	FY 28-29 1/1/2027	FY 29-30 1/1/2028	FY 30-31 1/1/2029	FY 31-32 1/1/2030	FY 32-33 1/1/2031	FY 33-34 1/1/2032	FY 34-35 1/1/2033	FY 35-36 1/1/2034
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588	\$4,875,588
54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%	54.6501%
\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514
\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514	\$2,664,514
\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783
\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36
\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36	\$ 68,700.36
\$ 49,000.00	\$ 49,000.00	\$ 49,000.00	\$ 49,000.00					
\$ 19,700	\$ 19,700	\$ 19,700	\$ 19,700	\$ 68,700	\$ 68,700	\$ 68,700	\$ 68,700	\$ 68,700
2026	2027	2028	2029	2030	2031	2032	2033	2034
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0	0	0	0	0	0	0	0	0
\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%



## City of Dyersville, Dubuque County, Iowa

## T. I. F. Debt Report

DOWNTOWN URA

Frozen Base Value - \$6,878,018

Column:	#1	#2	#3	#4	#5
Fiscal Year	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
County Assessor's Value as of	1/1/2021	1/1/2022	1/1/2023	1/1/2024	1/1/2025

## TIF Value Existing

TIF Captured Value (Commercial Property @ 100%)	\$0	\$50,281	\$50,281	\$50,281	\$50,281
Commercial Property Rollback %	90.000%	90.0000%	90.0000%	90.0000%	90.0000%
TIF Captured Value (Commercial Property Rollback Value)	\$0	\$45,253	\$45,253	\$45,253	\$45,253

TIF Industrial Property @ 100%	\$0	\$0	\$0	\$0	\$0
Industrial Property Rollback %	90.00%	90.000%	90.000%	90.000%	90.000%
TIF Captured Value (Industrial Property Rollback Value)	\$0	\$0	\$0	\$0	\$0

TIF Personal Property/Agricultural @ 100%	\$0	\$0	\$0	\$0	\$0
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TIF Captured Value (Residential Property 100 % Value)	\$0	\$7,001	\$7,001	\$7,001	\$7,001
Residential Property Rollback %	54.1302%	54.6501%	56.9180%	56.9180%	56.9180%
TIF Captured Value (Residential Property Rollback Value)	\$0	\$3,826	\$3,985	\$3,985	\$3,985

TIF Captured Value (Multi-Residential Property 100 % Value)	\$0				
Multi- Residential Property Rollback %	63.7500%				
TIF Captured Value (Multi-Residential Property Rollback Value)	\$0				

Total TIF Property Value (Taxable)	\$0	\$49,079	\$49,238	\$49,238	\$49,238
Rate/Thousand	\$23.850	\$25.783	\$25.783	\$25.783	\$25.783
Total TIF Revenue (Taxable Value x Rate/Thousand)	\$ -	\$ 1,265.42	\$ 1,269.52	\$ 1,269.52	\$ 1,269.52

Total TIF Dollars Available	\$ -	\$ 1,265.42	\$ 1,269.52	\$ 1,269.52	\$ 1,269.52
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Current / Future Debt Service Requirements GO Obligations					
Current / Future TIF Rebate Obligations					
Current / Future Interfund Loan TIF Obligations	\$ 10,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00

UNCLAIMED T.I.F. DOLLARS	\$ (10,000)	\$ (18,735)	\$ (18,730)	\$ (18,730)	\$ (18,730)
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TIF Value Future Growth-Building Completed In Calendar Year:	2021	2022	2023	2024	2025
Commercial Property (100%)	\$0	\$0	\$0	\$0	\$0
Industrial Property (100%)	\$0	\$0	\$0	\$0	\$0
Agricultural Property (100%)	\$0	\$0	\$0	\$0	\$0
Housing Units Constructed/Year	0	0	0	0	0
Housing Unit Value/Unit	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Housing Units Constructed 100% Value	\$0	\$0	\$0	\$0	\$0
Total Future Value	\$0	\$0	\$0	\$0	\$0
Valuation Growth Factor		0.000%	0.000%	0.000%	0.000%

SPEER FINANCIAL, INC.  
September 15, 2023



City of Dyersville, Dubuque County, Iowa

T. I. F. Debt Report

DOWNTOWN URA

#6	#7	#8	#9	#10	#11	#12	#13	#14
FY 27-28 1/1/2026	FY 28-29 1/1/2027	FY 29-30 1/1/2028	FY 30-31 1/1/2029	FY 31-32 1/1/2030	FY 32-33 1/1/2031	FY 33-34 1/1/2032	FY 34-35 1/1/2033	FY 35-36 1/1/2034
\$50,281	\$50,281	\$50,281	\$50,281	\$50,281	\$50,281	\$50,281	\$50,281	\$50,281
90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%	90.0000%
\$45,253	\$45,253	\$45,253	\$45,253	\$45,253	\$45,253	\$45,253	\$45,253	\$45,253
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%	90.000%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,001	\$7,001	\$7,001	\$7,001	\$7,001	\$7,001	\$7,001	\$7,001	\$7,001
56.9180%	56.9180%	56.9180%	55.6209%	55.6209%	55.6209%	55.6209%	55.6209%	55.6209%
\$3,985	\$3,985	\$3,985	\$3,894	\$3,894	\$3,894	\$3,894	\$3,894	\$3,894
\$49,238	\$49,238	\$49,238	\$49,147	\$49,147	\$49,147	\$49,147	\$49,147	\$49,147
\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783	\$25.783
\$ 1,269.52	\$ 1,269.52	\$ 1,269.52	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18
\$ 1,269.52	\$ 1,269.52	\$ 1,269.52	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18	\$ 1,267.18
\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$10,000.00			
\$ (18,730)	\$ (18,730)	\$ (18,730)	\$ (18,733)	\$ (18,733)	\$ (8,733)	\$ 1,267	\$ 1,267	\$ 1,267
2026	2027	2028	2029	2030	2031	2032	2033	2034
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0	0	0	0	0	0	0	0	0
\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%



## RESOLUTION NO. 62-23

### A RESOLUTION AWARDING AND APPROVING A CONTRACT FOR 20 WEST INDUSTRIAL CENTER PHASE 3 CONTRACT C- CULVERT PROJECT

**WHEREAS**, pursuant to notice duly published in the manner and form prescribed by the Dyersville City Council and as required by law, bids, and proposals were received by the City Clerk and reported to the City Council on September 27, 2023, for the 20 West Industrial Center Phase 3 Contract C-Culvert Project; and,

**WHEREAS**, all of the said bids and proposals have been carefully considered, and it is necessary and advisable that provision be made for the award of the contract for the 20 West Industrial Center Phase 3 Contract C-Culvert Project; and,

**NOW, THEREFORE, IT IS RESOLVED** by the Mayor and City Council of the City of Dyersville, Iowa, as follows:

**SECTION 1.** The 20 West Industrial Center Phase 3 Contract C-Culvert Project contract is hereby awarded to Taylor Construction, Inc., New Vienna, Iowa, as prescribed in the Contract Agreement. The contract award is subject to Iowa Department of Transportation concurrence, the terms of the aforementioned notice of letting, the plans and specifications, the terms of the bidder's written proposal, and this Resolution.

**SECTION 2.** The Contract Agreement for the 20 West Industrial Center Phase 3 Contract C-Culvert Project is hereby approved after the Iowa Department of Transportation's concurrence.

**SECTION 3.** The Mayor and City Clerk are authorized and ordered to enter into the Contract Agreement with Taylor Construction, Inc. after the Iowa Department of Transportation's concurrence.

**SECTION 4.** The City Administrator will be the official representative of the Owner, and he is authorized to issue a Notice to Proceed.

**SECTION 5.** All resolutions or parts of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

**PASSED, APPROVED AND ADOPTED** this 2<sup>nd</sup> day of October, 2023.

\_\_\_\_\_  
Jeff Jacque, Mayor

\_\_\_\_\_  
Tricia L. Maiers, City Clerk



September 27, 2023

Honorable Mayor Jeff Jacque and Council Members  
c/o Tricia Maiers, City Clerk  
City of Dyersville  
340 - 1st Avenue East  
Dyersville, IA 52040

RE: **City of Dyersville-Delaware County**  
**RM-2160(618)--9D-31, 20 West Industrial Center**  
**Phase 3 Contract C - Culvert**  
**Bid Results**  
**Project No.: 21249**

Dear Honorable Mayor Jeff Jacque and Council Members:

In accordance with owner instructions, bids for the City of Dyersville-Delaware County RM-2160(618)--9D-31, 20 West Industrial Center project were opened and read at 1:00 PM on September 27, 2023. Fourteen (14) bids were received for this project. One (1) bid did not contain the required TSB Form with the bid proposal, so it was deemed non-responsive and was not read aloud. A tabulation of the bids is enclosed.

After reviewing the bids, it was determined the low bid was submitted by Taylor Construction, Inc. of New Vienna, Iowa, in the amount of \$268,146.95 for the Cast-in-Place Bid Option 1.

Taylor Construction, Inc. has the experience, workforce and equipment to properly complete this contract.

The engineer's estimate for this project was \$406,000.00. The low bid of \$268,146.95 is \$137,853.05 or 33.9% below the engineer's estimate. Please let us know if the City plans to award the contract, pending Iowa DOT concurrence to award the contract.

Sincerely,  
**Origin Design Co.**



Jon Lutz, PE  
Senior Civil Engineer



## MEMORANDUM

September 29, 2023

**To:** City of Dyersville

**From:** Origin Design

**Subject:** City of Dyersville-Delaware County  
RM-2160(618)--9D-31, 20 West Industrial Center  
Phase 3 Contract C – Culvert

**Project No.:** 21249

### Bid Results Summary

> **Option 1: Cast-in-Place**

TAYLOR CONSTRUCTION, INC.	\$268,146.95
JIM SCHROEDER CONSTRUCTION, INC.	\$287,093.22
IOWA BRIDGE & CULVERT, LLC	\$291,579.50
K-CONSTRUCTION, INC.	\$329,443.60
TSCHIGGFRIE EXCAVATING	\$358,969.10
MCDERMOTT EXCAVATING	\$441,243.00

> **Option 2: Precast**

PROGRESSIVE STRUCTURES, LLC	\$269,462.00
STEGEER CONSTRUCTION, INC.	\$347,146.00
TOP GRADE EXCAVATING, INC.	\$359,143.80
MIDWEST CONCRETE INC.	\$349,935.90
PETERSON CONTRACTORS INC.	\$375,645.50
PIRC-TOBIN CONSTRUCTION, INC.	\$381,015.00
MCDERMOTT EXCAVATING	\$392,362.00
EASTERN IOWA EXCAVATING & CONCRETE LLC	\$396,097.00



## RESOLUTION NO. 63-23

Approving Agreement for Engineering Services between the City of Dyersville and HDR Engineering, Inc. for 2024 RAISE Grant Preparation and Submittal for the 12th Ave SW and 13th Ave SE Connector Over North Fork Maquoketa River Project

WHEREAS, an agreement between the City and HDR Engineering, Inc., Omaha, Nebraska, has been prepared (the “Engineering Service Agreement”); and

WHEREAS, this City Council has reviewed and considered the Engineering Service Agreement on October 2, 2023; and,

NOW, THEREFORE, IT IS RESOLVED by the City Council of the City of Dyersville, Iowa, as follows:

Section 1. The Engineering Service Agreement is hereby approved, and the City Administrator and City Clerk are authorized and directed to execute and deliver the Agreement on behalf of the City, in substantially the form and content in which the Engineering Service Agreement has been presented to this City Council.

Section 2. All resolutions or parts of resolutions in conflict herewith are hereby repealed.

Passed and approved on October 2, 2023.

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Jeff Jacque, Mayor

Attest:

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Tricia L. Maiers, City Clerk



**SHORT FORM AGREEMENT BETWEEN OWNER AND  
HDR ENGINEERING, INC. FOR PROFESSIONAL SERVICES  
AGREEMENT NUMBER #2023-01**

**THIS AGREEMENT** is made as of this 9th day of October, 2023, between The City of Dyersville (“OWNER”) a municipal corporation, with principal offices at 340 1<sup>st</sup> Ave E, Dyersville, IA 52040, and HDR ENGINEERING, INC., (“ENGINEER” or “CONSULTANT”) for services in connection with the project known as 2024 RAISE Grant Application Project (“Project”);

**WHEREAS**, OWNER desires to engage ENGINEER to provide professional engineering, consulting and related services (“Services”) in connection with the Project; and

**WHEREAS**, ENGINEER desires to render these Services as described in SECTION I, Scope of Services.

**NOW, THEREFORE**, OWNER and ENGINEER in consideration of the mutual covenants contained herein, agree as follows:

**SECTION I. SCOPE OF SERVICES**

ENGINEER will provide Services for the Project, which consist of the Scope of Services as outlined on the attached Exhibit A.

**SECTION II. TERMS AND CONDITIONS OF ENGINEERING SERVICES**

The HDR Engineering, Inc. Terms and Conditions, which are attached hereto in Exhibit C, are incorporated into this Agreement by this reference as if fully set forth herein.

**SECTION III. RESPONSIBILITIES OF OWNER**

The OWNER shall provide the information set forth in paragraph 6 of the attached “HDR Engineering, Inc. Terms and Conditions for Professional Services.”

**SECTION IV. COMPENSATION**

Compensation for ENGINEER’S services under this Agreement shall be on the basis of Lump Sum. The amount of the lump sum is Thirty-Four Thousand Four Hundred Ninety Dollars (\$34,490.00).

The amount of any sales tax, excise tax, value added tax (VAT), or gross receipts tax that may be imposed on this Agreement shall be added to the ENGINEER’S compensation as Reimbursable Expenses.

Compensation terms are defined as follows:



Lump Sum shall mean a fixed amount which shall be the total compensation agreed upon in advance for Scope of Services.

## **SECTION V. PERIOD OF SERVICE**

Upon receipt of written authorization to proceed, ENGINEER shall perform the services within the time period(s) described in Exhibit B.

Unless otherwise stated in this Agreement, the rates of compensation for ENGINEER'S services have been agreed to in anticipation of the orderly and continuous progress of the project through completion. If any specified dates for the completion of ENGINEER'S services are exceeded through no fault of the ENGINEER, the time for performance of those services shall be automatically extended for a period which may be reasonably required for their completion and all rates, measures and amounts of ENGINEER'S compensation shall be equitably adjusted.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first written above.

THE CITY OF DYERSVILLE

"OWNER"

BY: \_\_\_\_\_

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

HDR ENGINEERING, INC.

"ENGINEER"

BY: Matthew B. Tondl

NAME: \_\_\_\_\_

Matthew B. Tondl

TITLE: \_\_\_\_\_

Senior Vice President

ADDRESS: \_\_\_\_\_

1917 S 67<sup>th</sup> Street  
Omaha, NE 68106



## EXHIBIT A

### SCOPE OF SERVICES

Objective: The City of Dyersville (City) seeks to submit a Fiscal Year (FY) 2024 RAISE Grant Application.

Background: HDR Engineering Inc. has previously submitted applications for RAISE under the FY 2022 and 2023 opportunities and this proposed scope of services will provide an update to the FY 2023 document focusing on recent USDOT debrief comments. Proposed adjustments include further refinement of the application narrative and Benefit Cost Analysis in coordination with WHKS. The FY 2024 application will be structured to incorporate current guidance as well as feedback from the debrief held in September 2023. The revised application will be structured to meet the selection and merit criteria presented in the Notice of Funding Opportunity (NOFO) once it is published on Grants.gov. The application deadline not currently known but is anticipated as Winter 2023.

The Scope of Services to be performed by the Consultant shall include the Services and supplies for the following tasks:

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#### **FY 2024 RAISE GRANT APPLICATION**

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##### **1.0 PROJECT COORDINATION**

###### **1.1 Monthly Progress Report**

The Consultant shall prepare and submit Monthly progress updates (1-page) via email. The Consultant shall inform the City of services required which may not be included in the scope of the design services contract approved by the City for this Project. It will be the responsibility of the Consultant to make the City aware of potential amendments to the contract before the services are rendered.

###### **1.2 Coordination and Progress Meetings**

The Consultant shall meet with the City or its designated representative to review progress and to discuss specific elements of the project design. The meetings will also serve to establish schedules, develop project goals, promote a dialog between the various entities, improve the decision-making process, and expedite development. The consultant shall keep documentation of communications. In addition to the as needed phone calls, emails, and teleconferences, Anticipated Scheduled Meetings are listed below:

- Kickoff Meeting (1)
- Scheduled Progress with the City of Dyersville (3)
- Bi-Weekly team Coordination Meetings between HDR/WHKS (6)
- Application Submittal Meeting (1)

##### **Assumptions:**

1.2 – Meetings identified in this task will be virtual meetings.

##### **2.0 BENEFIT-COST ANALYSIS**

HDR would follow a five-step process in updating the previously prepared BCA:

**2.1 Update Baseline.** Incorporate changes to project cost and schedule into the BCA model.

**2.2 Update Public Benefit Categories.** Incorporate updates in traffic data, crash data, and public benefits.



- 2.3 Update Benefit-Cost Model.** HDR will incorporate updates to the 2024 USDOT BCA Guidance parameters, and feedback provided during the previous submission's USDOT debrief call.
- 2.4 Update Benefit-Cost Results and Conduct Sensitivity of Key Inputs.** HDR will validate the model results and conduct sensitivity tests by changing of key inputs per USDOT Guidance.
- 2.5 Document Results.** HDR will include a brief benefit-cost analysis narrative (formerly called a technical appendix), which is required as part of the RAISE application, as well as a brief write-up for the appropriate section in the application narrative.

**2.6 Deliverables:**

- ✓ Updated BCA model in Excel (unlocked)
- ✓ Updated BCA narrative appendix

**Assumptions:**

2.0 – BCA Update will be with current information and assumes the 2024 NOFO does not require new data.

**3.0 RAISE GRANT APPLICATION PREPARATION**

HDR will update the grant application by completing the following tasks:

- 3.1 Revise and restructure the application narrative for 2024 RAISE Application.** The narrative will follow USDOT's recommended outline and approach for describing the project, its costs, funding, benefits, and alignment with the merit criteria, building on previous efforts and feedback from the USDOT debrief. HDR will incorporate additional scope items identified during the pre-planning meeting with WHKS and the City of Dyersville. These additional scope items are to be provided to HDR by WHKS/City and will focus on enhancing the merit criteria identified in the grant NOFO. Statements made in the application will be data backed by authors where feasible. Content HDR will lead refinement on includes:
- Additional enhancement to the state of good repair and innovation sections. These enhancements will be cross-referenced to the scoring rubric of the NOFO.
    - State of Good Repair
      - Assessment management system/methodology of pavement, roadway, bridges, trails and EV charging station. Data of pavement used will be from Iowa DOT Street Ratings. Current condition, proposed condition, and a plan to maintain proposed assets will be developed.
      - Create plan for preventative maintenance and capital commitment strategy.
    - Innovation
      - O&M for electric vehicle charging stations to replicate Iowa DOT NEVI program which can be accelerated ahead of other packages to pair with similar work types.
  - QC/tech edit/review of the application – HDR will provide quality review, editing, and review by senior grant writers.
  - Graphics and messaging - HDR will add callouts and visual aids to enhance data and key points in the narrative and will update the narrative detailing the project scope, budget, schedule.



**3.2 Update the of Letter of Support and Letter of Commitment Templates and Project Summary Sheet.** HDR will update the letter of support and create a project summary sheet that can be distributed while gathering letters of support and political support for the project.

**3.3 Grant Form Support and Application Submittal.** HDR will assist the City in completing the grant application forms and assist the city in the submittal of the application on the grants.gov website.

**Deliverables:**

- ✓ Updated FY 2024 RAISE Application (pdf)
- ✓ Updated letter of support template (word)
- ✓ Updated letter of commitment template (word)
- ✓ Updated required standard forms (pdf)

**Assumptions:**

3.0 – Application preparation scope was developed assuming the 2024 NOFO criteria does significantly change.

3.0 – The City of Dyersville will be consulted with prior to adding project commitments.

3.1 – Iowa DOT Pavement condition shape files and current pavement data will be provided by WHKS/City of Dyersville.

3.1 – WHKS will be providing updates and content for the following elements in the application – Safety, Mobility and community connectivity, partnership, and innovation. WHKS will also provide HDR with mocked-up graphic edits for HDR to incorporate.

3.3 - The City will submit the application with assistance from HDR during a virtual screen share meeting (Application Submittal Meeting)



## EXHIBIT B

### SCHEDULE

The Scope of Services shall be completed in accordance with the following schedule unless modified by mutual agreement or by factors beyond the control of the Consultant:

Antp. Contract Approval \_\_\_\_\_ October 2, 2023

Antp. Notice To Proceed/Tentative Project Start Date \_\_\_\_\_ October 9, 2023

Kickoff Meeting \_\_\_\_\_ Early October 2023

Letter of Support Update \_\_\_\_\_ Early October 2023

City Progress Meetings (includes Draft Submittal Review meeting) (3) \_\_\_\_\_ November 2023 -February 2024

HDR/WHKS Coordination Meeting bi-weekly (6) \_\_\_\_\_ November 2023 -February 2024

Budget for Letter of Commitment \_\_\_\_\_ 1.5 weeks prior to January council meeting

WHKS Draft Narrative and Graphic Submitted to HDR \_\_\_\_\_ 3-weeks prior to Draft Submittal

Items for BCA update before start \_\_\_\_\_ 3-weeks prior to Draft Deliverable

**Draft Submittal** \_\_\_\_\_ **2-weeks prior to Final Submittal**

**Submit 2024 RAISE Grant** \_\_\_\_\_ **TBD**

**\*Schedule will adjust once NOFO submittal date**

Assumption – Deadline for RAISE is anticipated and not known. Oct 1 – Feb 28 (4 months) is anticipated and scoped. Actual dates to schedule above will be assigned once NOFO is issued.



## HDR Engineering, Inc. Terms and Conditions for Consulting Services

### 1. STANDARD OF PERFORMANCE

The standard of care for all professional engineering, consulting and related services performed or furnished by CONSULTANT and its employees under this Agreement will be the care and skill ordinarily used by members of CONSULTANT's profession practicing under the same or similar circumstances at the same time and in the same locality. CONSULTANT makes no warranties, express or implied, under this Agreement or otherwise, in connection with CONSULTANT's services.

### 2. INSURANCE/INDEMNITY

CONSULTANT agrees to procure and maintain, at its expense, Workers' Compensation insurance as required by statute; Employer's Liability of \$250,000; Automobile Liability insurance of \$1,000,000 combined single limit for bodily injury and property damage covering all vehicles, including hired vehicles, owned and non-owned vehicles; Commercial General Liability insurance of \$1,000,000 combined single limit for personal injury and property damage; and Professional Liability insurance of \$1,000,000 per claim for protection against claims arising out of the performance of services under this Agreement caused by negligent acts, errors, or omissions for which CONSULTANT is legally liable. OWNER shall be made an additional insured on Commercial General and Automobile Liability insurance policies and certificates of insurance will be furnished to the OWNER. CONSULTANT agrees to indemnify OWNER for third party personal injury and property damage claims to the extent caused by CONSULTANT's negligent acts, errors or omissions. However, neither Party to this Agreement shall be liable to the other Party for any special, incidental, indirect, or consequential damages (including but not limited to loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; cost of capital; and/or fines or penalties), loss of profits or revenue arising out of, resulting from, or in any way related to the Project or the Agreement from any cause or causes, including but not limited to any such damages caused by the negligence, errors or omissions, strict liability or breach of contract.

### 3. ESTIMATES

Any estimates of project cost, value or savings provided by CONSULTANT are intended to allow a comparative evaluation between alternatives and do not constitute a detailed evaluation or prediction of actual project costs, value or savings. Any such estimates are made on the basis of information available to CONSULTANT and on the basis of CONSULTANT's experience and qualifications, and represents its judgment as an experienced and qualified professional engineer. However, since CONSULTANT has no control over the impact of various factors that impact the actual project cost, value or savings, CONSULTANT does not guarantee that the actual project cost, value or savings will not vary from CONSULTANT's estimates.

### 4. CONTROLLING LAW

This Agreement is to be governed by the law of the state where CONSULTANT's services are performed.

### 5. SUCCESSORS, ASSIGNS AND BENEFICIARIES

OWNER and CONSULTANT, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the covenants of this Agreement. Neither OWNER nor CONSULTANT will assign, sublet, or transfer any interest in this Agreement or claims arising therefrom without the written consent of the other. No third party beneficiaries are intended under this Agreement.

### 6. SERVICES AND INFORMATION

OWNER will provide all criteria and information pertaining to OWNER's requirements for the project, including design

objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations. OWNER will also provide copies of any OWNER-furnished Standard Details, Standard Specifications, or Standard Bidding Documents which are to be incorporated into the project.

OWNER will furnish the services of soils/geotechnical engineers or other consultants that include reports and appropriate professional recommendations when such services are deemed necessary by CONSULTANT. The OWNER agrees to bear full responsibility for the technical accuracy and content of OWNER-furnished documents and services.

In performing professional engineering, consulting and related services hereunder, it is understood by OWNER that CONSULTANT is not engaged in rendering any type of legal, insurance or accounting services, opinions or advice. Further, it is the OWNER's sole responsibility to obtain the advice of an attorney, insurance counselor or accountant to protect the OWNER's legal and financial interests. To that end, the OWNER agrees that OWNER or the OWNER's representative will examine all studies, reports, sketches, drawings, specifications, proposals and other documents, opinions or advice prepared or provided by CONSULTANT, and will obtain the advice of an attorney, insurance counselor or other consultant as the OWNER deems necessary to protect the OWNER's interests before OWNER takes action or forebears to take action based upon or relying upon the services provided by CONSULTANT.

### 7. RE-USE OF DOCUMENTS

All documents, including all reports, drawings, specifications, computer software or other items prepared or furnished by CONSULTANT pursuant to this Agreement, are instruments of service with respect to the project. CONSULTANT retains ownership of all such documents. OWNER may retain copies of the documents for its information and reference in connection with the project; however, none of the documents are intended or represented to be suitable for reuse by OWNER or others on extensions of the project or on any other project. Any reuse without written verification or adaptation by CONSULTANT for the specific purpose intended will be at OWNER's sole risk and without liability or legal exposure to CONSULTANT, and OWNER will defend, indemnify and hold harmless CONSULTANT from all claims, damages, losses and expenses, including attorney's fees, arising or resulting therefrom. Any such verification or adaptation will entitle CONSULTANT to further compensation at rates to be agreed upon by OWNER and CONSULTANT.

### 8. TERMINATION OF AGREEMENT

OWNER or CONSULTANT may terminate the Agreement, in whole or in part, by giving seven (7) days written notice to the other party. Where the method of payment is "lump sum," or cost reimbursement, the final invoice will include all services and expenses associated with the project up to the effective date of termination. An equitable adjustment shall also be made to provide for termination settlement costs CONSULTANT incurs as a result of commitments that had become firm before termination, and for a reasonable profit for services performed.

### 9. SEVERABILITY

If any provision of this agreement is held invalid or unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term or condition shall not be construed by the other party as a waiver of any subsequent breach of the same provision, term or condition.

### 10. CONTROLLING AGREEMENT



These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice-to-proceed, or like document.

#### 11. INVOICES

CONSULTANT will submit monthly invoices for services rendered and OWNER will make payments to CONSULTANT within thirty (30) days of OWNER's receipt of CONSULTANT's invoice.

CONSULTANT will retain receipts for reimbursable expenses in general accordance with Internal Revenue Service rules pertaining to the support of expenditures for income tax purposes. Receipts will be available for inspection by OWNER's auditors upon request.

If OWNER disputes any items in CONSULTANT's invoice for any reason, including the lack of supporting documentation, OWNER may temporarily delete the disputed item and pay the remaining amount of the invoice. OWNER will promptly notify CONSULTANT of the dispute and request clarification and/or correction. After any dispute has been settled, CONSULTANT will include the disputed item on a subsequent, regularly scheduled invoice, or on a special invoice for the disputed item only.

OWNER recognizes that late payment of invoices results in extra expenses for CONSULTANT. CONSULTANT retains the right to assess OWNER interest at the rate of one percent (1%) per month, but not to exceed the maximum rate allowed by law, on invoices which are not paid within thirty (30) days from the date OWNER receives CONSULTANT's invoice. In the event undisputed portions of CONSULTANT's invoices are not paid when due, CONSULTANT also reserves the right, after seven (7) days prior written notice, to suspend the performance of its services under this Agreement until all past due amounts have been paid in full.

#### 12. CHANGES

The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless the change is reduced to writing, dated, and made part of this Agreement. The execution of the change shall be authorized and signed in the same manner as this Agreement. Adjustments in the period of services and in compensation shall be in accordance with applicable paragraphs and sections of this Agreement. Any proposed fees by CONSULTANT are estimates to perform the services required to complete the project as CONSULTANT understands it to be defined. For those projects involving conceptual or process development services, activities often are not fully definable in the initial planning. In any event, as the project progresses, the facts developed may dictate a change in the services to be performed, which may alter the scope. CONSULTANT will inform OWNER of such situations so that changes in scope and adjustments to the time of performance and compensation can be made as required. If such change, additional services, or suspension of services results in an increase or decrease in the cost of or time required for performance of the services, an equitable adjustment shall be made, and the Agreement modified accordingly.

#### 13. EQUAL EMPLOYMENT AND NONDISCRIMINATION

In connection with the services under this Agreement, CONSULTANT agrees to comply with the applicable provisions of federal and state Equal Employment Opportunity for individuals based on color, religion, sex, or national origin, or disabled veteran, recently separated veteran, other protected veteran and armed forces service medal veteran status, disabilities under provisions of executive order 11246, and other

employment, statutes and regulations, as stated in Title 41 Part 60 of the Code of Federal Regulations § 60-1.4 (a-f), § 60-300.5 (a-e), § 60-741 (a-e).

#### 14. EXECUTION

This Agreement, including the exhibits and schedules made part hereof, constitute the entire Agreement between CONSULTANT and OWNER, supersedes and controls over all prior written or oral understandings. This Agreement may be amended, supplemented or modified only by a written instrument duly executed by the parties.

#### 15. ALLOCATION OF RISK

**OWNER AND CONSULTANT HAVE EVALUATED THE RISKS AND REWARDS ASSOCIATED WITH THIS PROJECT, INCLUDING CONSULTANT'S FEE RELATIVE TO THE RISKS ASSUMED, AND AGREE TO ALLOCATE CERTAIN OF THE RISKS, SO, TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF CONSULTANT (AND ITS RELATED CORPORATIONS, SUBCONSULTANTS AND EMPLOYEES) TO OWNER AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE LESSER OF \$1,000,000 OR ITS FEE, FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF CONSULTANT'S SERVICES OR THIS AGREEMENT REGARDLESS OF CAUSE(S) OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY.**

#### 16. LITIGATION SUPPORT

In the event CONSULTANT is required to respond to a subpoena, government inquiry or other legal process related to the services in connection with a legal or dispute resolution proceeding to which CONSULTANT is not a party, OWNER shall reimburse CONSULTANT for reasonable costs in responding and compensate CONSULTANT at its then standard rates for reasonable time incurred in gathering information and documents and attending depositions, hearings, and trial.

#### 17. NO THIRD PARTY BENEFICIARIES

This Agreement gives no rights or benefits to anyone other than the OWNER and CONSULTANT and has no third-party beneficiaries. All work product will be prepared for the sole and exclusive use of the OWNER and is not for the benefit of any third party and may not be distributed to, disclosed in any form to, used by, or relied upon by, any third party without the prior written consent of CONSULTANT, which consent may be withheld in its sole discretion. OWNER agrees to indemnify CONSULTANT and its officers, employees, subcontractors, and affiliated corporations from all claims, damages, losses, and costs, including but not limited to litigation expenses and attorney's fees arising out of or related to the unauthorized disclosure, change, or alteration of such work product.

Use of any report or any information contained therein by any party other than OWNER shall be at the sole risk of such party and shall constitute a release and agreement by such party to defend and indemnify CONSULTANT and its affiliates, officers, employees and subcontractors from and against any liability for direct, indirect, incidental, consequential or special loss or damage or other liability of any nature arising from said party's use of such report or reliance upon any of its content. To the maximum extent permitted by law, such release from and indemnification against liability shall apply in contract, tort (including negligence), strict liability, or any other theory of liability.

#### 18. DISCLAIMER



In preparing reports, CONSULTANT relies, in whole or in part, on data and information provided by the OWNER and third parties, which information has not been independently verified by CONSULTANT and which CONSULTANT has assumed to be accurate, complete, reliable, and current. Therefore, while CONSULTANT has utilized the customary professional standard of care in preparing this report, CONSULTANT does not warrant or guarantee the conclusions set forth in reports which are dependent or based upon data, information or statements supplied by third parties or the OWNER.

#### **19 OPERATIONAL TECHNOLOGY SYSTEMS**

OWNER agrees that the effectiveness of operational technology systems ("OT Systems") and features designed, recommended or assessed by CONSULTANT are dependent upon OWNER's continued operation and maintenance of the OT Systems in accordance with all standards, best practices, laws, and regulations that govern the operation and maintenance of the OT Systems. OWNER shall be solely responsible for operating and maintaining the OT System in accordance with applicable industry standards (i.e. ISA, NIST, etc.) and best practices, which generally include but are not limited to, cyber security policies and procedures, documentation and training requirements, continuous monitoring of assets for tampering and intrusion, periodic evaluation for asset vulnerabilities, implementation and update of appropriate technical, physical, and operational standards, and offline testing of all software/firmware patches/updates prior to placing updates into production. Additionally, OWNER recognizes and agrees that OT Systems are subject to internal and external breach, compromise, and similar incidents. Security features designed, recommended or assessed by CONSULTANT are intended to reduce the likelihood that OT Systems will be compromised by such incidents. However, CONSULTANT does not guarantee that OWNER's OT Systems are impenetrable and OWNER agrees to waive any claims against CONSULTANT resulting from any such incidents that relate to or affect OWNER's OT Systems.

#### **20. FORCE MAJEURE**

CONSULTANT shall not be responsible for delays caused by factors beyond CONSULTANT's reasonable control, including but not limited to delays because of strikes, lockouts, work slowdowns or stoppages, government ordered industry shutdowns, power or server outages, acts of nature, widespread infectious disease outbreaks (including, but not limited to epidemics and pandemics), failure of any governmental or other regulatory authority to act in a timely manner, failure of the OWNER to furnish timely information or approve or disapprove of CONSULTANT's services or work product, or delays caused by faulty performance by the OWNER's or by contractors of any level or any other events or circumstances not within the reasonable control of the party affected, whether similar or dissimilar to any of the foregoing. When such delays beyond CONSULTANT's reasonable control occur, the OWNER agrees that CONSULTANT shall not be responsible for damages, nor shall CONSULTANT be deemed in default of this Agreement, and the parties will negotiate an equitable adjustment to CONSULTANT's schedule and/or compensation if impacted by the force majeure event or condition.





# CERTIFICATE OF LIABILITY INSURANCE

6/1/2024

DATE

9/2

Item 15.

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000 kcasu@lockton.com	<b>CONTACT NAME:</b> <b>PHONE (A/C, No. Ext):</b> <b>E-MAIL ADDRESS:</b> <b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Lloyds of London <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	<b>FAX (A/C, No):</b> <b>NAIC #</b>
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**COVERAGES****CERTIFICATE NUMBER:** 19923599**REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XXXXXXXX MED EXP (Any one person) \$ XXXXXXXX PERSONAL & ADV INJURY \$ XXXXXXXX GENERAL AGGREGATE \$ XXXXXXXX PRODUCTS - COMP/OP AGG \$ XXXXXXXX \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) \$ XXXXXXXX BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$ XXXXXXXX
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX AGGREGATE \$ XXXXXXXX \$ XXXXXXXX
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y / N <input type="checkbox"/> N / A			NOT APPLICABLE			PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ XXXXXXXX E.L. DISEASE - EA EMPLOYEE \$ XXXXXXXX E.L. DISEASE - POLICY LIMIT \$ XXXXXXXX
A	ARCH & ENG PROFESSIONAL LIABILITY	N	N	P001412300	6/1/2023	6/1/2024	PER CLAIM: \$1,000,000 AGGREGATE: \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
2024 RAISE GRANT APPLICATION.

**CERTIFICATE HOLDER****CANCELLATION** See Attachment

**19923599**  
CITY OF DYERSVILLE  
ATTENTION: MICK MICHEL  
340 1ST AVENUE E  
DYERSVILLE IA 52040

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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## CERTIFICATE OF LIABILITY INSURANCE

DATE (09/ Item 15.

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Willis Towers Watson Midwest, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	<b>CONTACT NAME:</b> Willis Towers Watson Certificate Center <b>PHONE (A/C, No. Ext):</b> 1-877-945-7378 <b>E-MAIL ADDRESS:</b> certificates@willis.com <b>FAX (A/C, No):</b> 1-888-467-2378																					
<b>INSURED</b> HDR Engineering, Inc. 1917 South 67th Street Omaha, NE 68106	<table><tr><th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A:</td><td>Liberty Mutual Fire Insurance Company</td><td>23035</td></tr><tr><td>INSURER B:</td><td>Ohio Casualty Insurance Company</td><td>24074</td></tr><tr><td>INSURER C:</td><td>Liberty Insurance Corporation</td><td>42404</td></tr><tr><td>INSURER D:</td><td></td><td></td></tr><tr><td>INSURER E:</td><td></td><td></td></tr><tr><td>INSURER F:</td><td></td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Liberty Mutual Fire Insurance Company	23035	INSURER B:	Ohio Casualty Insurance Company	24074	INSURER C:	Liberty Insurance Corporation	42404	INSURER D:			INSURER E:			INSURER F:		
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INSURER C:	Liberty Insurance Corporation	42404																				
INSURER D:																						
INSURER E:																						
INSURER F:																						

## COVERAGES

CERTIFICATE NUMBER: W30320526

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	Y	Y	TB2-641-444950-033	06/01/2023	06/01/2024	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	AS2-641-444950-043	06/01/2023	06/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0	Y	Y	EUO (24) 57919363	06/01/2023	06/01/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N No	N/A	WA7-64D-444950-013	06/01/2023	06/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate Holder is named as Additional Insured on General Liability, Automobile Liability and Umbrella/Excess Liability on a Primary, Non-contributory basis where required by written contract. Waiver of Subrogation applies on General Liability, Automobile Liability, Umbrella/Excess Liability and Workers Compensation where required by written contract and as permitted by law. Umbrella/Excess policy is follow form over General Liability, Auto Liability and Employers Liability.

## CERTIFICATE HOLDER

## CANCELLATION

City of Dyersville Attn: Mick Michel 340 1st Avenue E Dyersville, IA 52040	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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ADDITIONAL REMARKS SCHEDULE

AGENCY Willis Towers Watson Midwest, Inc.		NAMED INSURED HDR Engineering, Inc. 1917 South 67th Street Omaha, NE 68106	
POLICY NUMBER See Page 1		EFFECTIVE DATE: See Page 1	
CARRIER See Page 1	NAIC CODE See Page 1		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Re: 2024 RAISE Grant Application.

Additional Insured: Owner.



**Policy Number: TB2-641-444950-033**

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

### **SCHEDULE**

**Designated Location(s):**

**All locations owned by or rented to the Named Insured**

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which can be attributed only to operations at a single designated "location" shown in the Schedule above:
1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
  2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:
    - a. Insureds;
    - b. Claims made or "suits" brought; or
    - c. Persons or organizations making claims or bringing "suits".
  3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.
  4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.



- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A**, and for all medical expenses caused by accidents under Section **I** – Coverage **C**, which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:
1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
  2. Such payments shall not reduce any Designated Location General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.
- D.** For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:
- "Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway or right-of-way of a railroad.
- E.** The provisions of Section **III** – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.



**Policy Number: TB2-641-444950-033**

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

### **SCHEDULE**

**Designated Construction Project(s):**

**All construction projects not located at premises owned, leased or rented by a Named Insured**

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A**, and for all medical expenses caused by accidents under Section **I** – Coverage **C**, which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
  2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:
    - a. Insureds;
    - b. Claims made or "suits" brought; or
    - c. Persons or organizations making claims or bringing "suits".
  3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.
  4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.



- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
  2. Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.
- D.** If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E.** The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.



POLICY NUMBER: TB2-641-444950-033

COMMERCIAL GENERAL LIABILITY  
CG 20 10 12 19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

### COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

### SCHEDULE

Name Of Additional Insured Person(s)  
Or Organization(s):

Location(s) Of Covered Operations

Any person or organization with whom you have agreed through written contract, agreement or permit to provide additional insured coverage

All locations as required by a written contract or agreement entered into prior to an "occurrence" or offense

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.



POLICY NUMBER: TB2-641-444950-033

COMMERCIAL GENERAL LIABILITY  
CG 20 37 12 19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

### COMMERCIAL GENERAL LIABILITY COVERAGE PART PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

- A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".
- However:
1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
  2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.
- B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:
- If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:
1. Required by the contract or agreement; or
  2. Available under the applicable limits of insurance;
- whichever is less.
- This endorsement shall not increase the applicable limits of insurance.

### SCHEDULE

Name Of Additional Insured Person(s)  
Or Organization(s):

Any person or organization to whom or to which you are required to provide additional insured status in a written contract, agreement or permit except where such contract or agreement is prohibited.

Location And Description Of Completed Operations

Any location where you have agreed, through written, contract, agreement, or permit, to provide additional insured coverage for completed operations

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.



POLICY NUMBER: TB2-641-444950-033

COMMERCIAL GENERAL LIABILITY  
CG 24 04 12 19**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.****WAIVER OF TRANSFER OF RIGHTS OF RECOVERY  
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
ELECTRONIC DATA LIABILITY COVERAGE PART  
LIQUOR LIABILITY COVERAGE PART  
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES  
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
RAILROAD PROTECTIVE LIABILITY COVERAGE PART  
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

**SCHEDULE****Name Of Person(s) Or Organization(s):**

As required by written contract or agreement.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV – Conditions**:

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.



Policy Number TB2-641-444950-033  
Issued by Liberty Mutual Fire Insurance Company

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**PRIMARY AND NONCONTRIBUTORY –  
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to Section IV – Conditions 4. Other Insurance and supersedes any provision to the contrary:

**Primary And Noncontributory Insurance**

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and
- (2) You have agreed prior to a loss, that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.
- (3) This insurance is excess over any other insurance available to the additional insured for which it is also covered as an additional insured by attachment of an endorsement to another policy providing coverage for the same "occurrence", claim or "suit".



POLICY NUMBER: AS2-641-444950-043

COMMERCIAL AUTO  
CA 20 48 10 13**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.****DESIGNATED INSURED FOR  
COVERED AUTOS LIABILITY COVERAGE**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM  
BUSINESS AUTO COVERAGE FORM  
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

**SCHEDULE****Name Of Person(s) Or Organization(s):**

As required by written contract

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.



Policy Number: AS2-641-444950-043  
Issued by: Liberty Mutual Fire Insurance Company

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**DESIGNATED INSURED - NONCONTRIBUTING**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM  
GARAGE COVERAGE FORM  
MOTOR CARRIERS COVERAGE FORM  
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" under the Who Is An Insured Provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage form.

**Schedule**

**Name of Person(s) or Organizations(s):**

Any person or organization where the Named Insured has agreed by written contract to include such person or organization

**Regarding Designated Contract or Project:**

Any

Each person or organization shown in the Schedule of this endorsement is an "insured" for Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured Provision contained in Section II of the Coverage Form.

The following is added to the **Other Insurance Condition:**

**If** you have agreed in a written agreement that this policy will be primary and without right of contribution from any insurance in force for an Additional Insured for liability arising out of your operations, and the agreement was executed prior to the "bodily injury" or "property damage", then this insurance will be primary and we will not seek contribution from such insurance.



POLICY NUMBER: AS2-641-444950-043

COMMERCIAL AUTO  
CA 04 44 10 13**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.****WAIVER OF TRANSFER OF RIGHTS OF RECOVERY  
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM  
BUSINESS AUTO COVERAGE FORM  
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

**SCHEDULE****Name(s) Of Person(s) Or Organization(s):**

Any person or organization for whom you perform work under a written contract of the contract requires you to obtain this agreement from us but only if the contract is executed prior to the injury or damage occurring.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.



**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Where required by contract or written agreement prior to loss.

Issued by:Liberty Insurance Corporation

For attachment to Policy No WA7-64D-444950-013  
\$

Effective Date 06/01/2023

Premium

Issued to:HDR Engineering, Inc.



Policy Number TB2-641-444950-033  
 Issued by Liberty Mutual Fire Insurance Company

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART  
 MOTOR CARRIER COVERAGE PART  
 GARAGE COVERAGE PART  
 TRUCKERS COVERAGE PART  
 EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART  
 SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART  
 COMMERCIAL GENERAL LIABILITY COVERAGE PART  
 EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART  
 PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
 LIQUOR LIABILITY COVERAGE PART  
 COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or written agreement	As required by written contract or written agreement	30

- A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.



Policy Number AS2-641-444950-043  
 Issued by Liberty Mutual Fire Insurance Company

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART  
 MOTOR CARRIER COVERAGE PART  
 GARAGE COVERAGE PART  
 TRUCKERS COVERAGE PART  
 EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART  
 SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART  
 COMMERCIAL GENERAL LIABILITY COVERAGE PART  
 EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART  
 PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
 LIQUOR LIABILITY COVERAGE PART  
 COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or written agreement		30

- A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.



## NOTICE OF CANCELLATION TO THIRD PARTIES

- A.** If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule below. We will send notice to the email or mailing address listed below at least 10 days, or the number of days listed below, if any, before cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B.** This advance notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

### Schedule

Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or agreement		30

All other terms and conditions of this policy remain unchanged.

Issued by Liberty Insurance Corporation

For attachment to Policy No. WA7-64D-444950-013 Effective Date 06/01/2023

Premium \$

Issued to HDR Engineering, Inc.

Endorsement

No.





ESTIMATE OF RESOURCES AND FEE

2024 RIASE GRANT APPLICATION

	PROJECT MANAGEMENT	ECONOMIST	GRANT WRITING SPECIALIST	STATE OF GOOD REPAIR	INNOVATION	PROJECT CONTROLLER	TOTAL HOURS BY TASK	FEE BY TASK
2024 RIASE GRANT APPLICATION								
1.0 Project Coordination								
1.1 Monthly Reporting	3	-	-	-	-	3	6	\$ 1,080
1.2 Coordination and Progress Meetings	6	-	26	-	-	-	32	\$ 5,290
2.0 RAISE Benefit-Cost Analysis								
2.1 Update Baseline	-	2	-	-	-	-	2	\$ 350
2.2 Update Public Benefit Categories	-	2	-	-	-	-	2	\$ 350
2.3 Update Benefit-Cost Model [Incorporate USDOT Guidance]	-	12	-	-	-	-	12	\$ 1,850
2.4 Update Benefit-Cost and Sensitivity of Key Inputs	-	12	-	-	-	-	12	\$ 1,850
2.5 Document Results	-	6	-	-	-	-	6	\$ 930
2.6 DELIVERABLE: Benefit-Cost Analysis Model and Benefit-Cost Analysis Technical Apper	-	3	-	-	-	-	3	\$ 800
3.0 RAISE Grant Application Preparation								
3.1 Revise and Restructure narrative for 2024 RAISE Application	-	-	99	28	18	-	145	\$ 21,060
3.2 Update the of Letter of Support Template and Create Project Summary Sheet	-	-	2	-	-	-	2	\$ 160
3.3 RAISE 2024 Grant Form Support and Application Submittal	-	-	4	-	-	-	4	\$ 770
TOTAL HOURS BY CLASSIFICATION	9	37	131	28	18	3	226	\$ 34,490

	FEE ESTIMATE
PROJECT TOTAL	\$34,490



## RESOLUTION NO. 64-23

Approving Agreement for Engineering Services between the City of Dyersville and WHKS and Company for 2024 RAISE Grant Preparation and Submittal for the 12th Ave SW and 13th Ave SE Connector Over North Fork Maquoketa River Project

WHEREAS, an agreement between the City and WHKS and Company, East Dubuque, Illinois, has been prepared (the "Engineering Service Agreement"); and

WHEREAS, this City Council has reviewed and considered the Engineering Service Agreement on October 2, 2023; and,

NOW, THEREFORE, IT IS RESOLVED by the City Council of the City of Dyersville, Iowa, as follows:

Section 1. The Engineering Service Agreement is hereby approved, and the City Administrator and City Clerk are authorized and directed to execute and deliver the Agreement on behalf of the City, in substantially the form and content in which the Engineering Service Agreement has been presented to this City Council.

Section 2. All resolutions or parts of resolutions in conflict herewith are hereby repealed.

Passed and approved on October 2, 2023.

---

Jeff Jacque, Mayor

Attest:

---

Tricia L. Maiers, City Clerk



## PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT, by and between **City of Dyersville, IA** hereinafter referred to as the "Client" and WHKS & Co., hereinafter referred to as "WHKS", is made as follows:

WHEREAS, the Client has a need for certain professional services relating to the project described as **2024 RAISE Grant Application Assistance**.

WHEREAS, WHKS proposes to furnish the professional services required by the Client for said project,

NOW THEREFORE, the Client hereby agrees to retain and compensate WHKS to perform the professional services in accordance with the terms and conditions of this Agreement and the attached Standard Terms and Conditions.

### Scope of Services

WHKS shall perform the following described services for the Client:

**Professional Services as described on the attached Scope of Services included in Exhibit A.**

### Basis of Compensation

For the services described above, the Client shall remunerate WHKS as follows:

**Project Management & Meetings - Billed Hourly with a Not-to-Exceed Fee of \$2,200 including Expenses**

**Phase 1 - Billed Hourly with a Not-to-Exceed Fee of \$5,700 including Expenses**

**Phase 2 - Billed Hourly with a Not-to-Exceed Fee of \$9,600 including Expenses**

**Expenses billed at actual cost and mileage at the current published IRS rate per mile. External expenses include an administrative charge of 10 percent.**

Executed this \_\_\_\_\_ day of October, 2023

### **City of Dyersville**

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

### **WHKS & CO.**

By: \_\_\_\_\_

Printed Name: Derek J. Thomas, P.E.

Title: Vice President



## Exhibit A to Professional Services Agreement

### A. Project Description

The City of Dyersville continues to pursue federal grant funding for bridge and roadway projects connecting 12th Ave. SW to 13th Ave. SE over North Fork Maquoketa River, 7th St. SW to 1st Ave. W over Bear Creek, and a RR overpass on Beltline Rd. WHKS will work with Lovely City Consulting (Subconsultant to WHKS) to review current grant information, perform community engagement activities, and summarize findings for the upcoming RAISE application. Work will focus on addressing 2023 merit criteria including Safety, Mobility and Community Connectivity, and Partnership and Collaboration. HDR Engineering will be responsible for incorporating this work into the final grant application, with those services being performed under a separate agreement.

Proposed work will be divided into two phases. Phase 1 will be performed by Lovely City Consulting and will include public engagement activities and data collection. Phase 2 work will consist of summarizing Phase 1 work and conclusions, updating associated narrative sections, and providing associated draft graphics to HDR for graphic design and incorporation into the overall grant application. Work also includes review and comment on the final grant narrative assembled by HDR prior to submittal.

### B. Scope of Services Provided Under This Agreement:

- **Project Management and Meetings**
  - Perform general project administrative duties including supervision and coordination of the project team, review of project costs and billings, prepare invoices using Consultant's standard forms, preparation of status reports, and general administrative activities.
  - Advise the Client of the necessity of obtaining Special Engineering Services as described in Paragraph C., and act as the Client's representative in connection with any such services not actually performed by WHKS.
  - Attend meetings for the project:
    - Kick off meeting
    - 3 project update meetings with the City of Dyersville
    - 6 project coordination meetings with HDR
- **Phase 1: Public Engagement and Partnerships (Lovely City Consulting)**
  - Present proposed engagement strategy, goals, and expected outcomes for City input and assistance with initial contacts as needed for the groups listed below.
    - At-Risk Road Users: Seniors - Conduct engagement workshop at 2-3 locations to determine areas of interest and feelings of safety and to secure quotes for call out in the application. Create a summary list of recommendations including data, narratives, visuals, and/or descriptions to be collected, or created, for possible inclusion in the next grant application.



- At-Risk Road Users: School-aged Children- Conduct 2-3 interviews with school administrators and possibly bus drivers to determine feelings of safety and secure quotes for call out in the application.
  - Underserved Groups: Mobile Home Park (MHP) Residents - Conduct engagement session at MHP to determine areas of interest and feelings of safety and to secure quotes for call out in the application.
- Innovation and Partnerships: Review workforce innovation criteria in NOFO. Meet with Dyersville Economic Development Corp. to discuss potential workforce development opportunities within the project.
- Phase 1 data and information will be used to update the “January 2023 Demographic Profile” document that was previously submitted.
- Fee based on: Lovely City – 40 hours with a \$500 budget for drinks/food at public events.
- **Phase 2: Grant Application - Content Creation (WHKS & Lovely City Consulting)**
  - Review 2023 grant narrative for Mobility, Community Connectivity, Micro-mobility, and Safety and compare to 2023 NOFO criteria and feedback from USDOT grant debrief notes.
  - Update grant merit criteria narrative sections (based on 2023 NOFO) to incorporate Phase 1 work. Sections include Safety, Mobility and Community Connectivity, and Partnership and Collaboration. Minor updates will be made to the Quality of Life and Innovation sections as appropriate based on Phase 1 work.
  - Draft communication strategy for construction to include social media, notify-me component of CivicPlus platform (Lovely City Consulting).
  - Create draft graphics summarizing Phase 1. Graphics shall be submitted to HDR for final graphic design and inclusion in final grant narrative.
  - Fee based on: WHKS - 30 hours, Lovely City - 36 hours

**C. Special Engineering Services:**

Special Engineering Services are those services not listed above, but which may be required or advisable to accomplish the Project. Special Engineering Services shall be performed when authorized by the Client for additional fees, to be determined at the time authorized.

Special Engineering Services include:

1. Final grant application creation, assembly, and/or submittal
2. Engineering data for BCA (Benefit-Cost Analysis) other than data included in items above.
3. Traffic engineering services
4. Graphic design



## STANDARD TERMS AND CONDITIONS FOR PUBLIC SECTOR PROJECTS

### 1. Scope of Services

Client and WHKS have agreed to a list of services WHKS will provide to Client as listed on the Professional Services Agreement Form.

### 2. Governing Law

The laws of the State of Iowa will govern this Agreement, its interpretation and performance. Any litigation arising in any way from this Agreement shall be brought in the courts of that State.

### 3. Standard of Care

Services provided by WHKS under this Agreement will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances and locality.

### 4. Integration

This Agreement comprises the final and complete agreement between Client and WHKS. It supersedes all prior communications, representations, or agreements, whether oral or written, relating to the subject matter of this Agreement. Execution of this Agreement signifies that each party has read the document thoroughly. Amendments to this Agreement shall not be binding unless made in writing and signed by both Client and WHKS.

### 5. Guarantees and Warranties

WHKS shall not be required to sign any documents, no matter by whom requested, that would result in WHKS having to guarantee or warrant the existence of conditions whose existence WHKS cannot ascertain. Client also agrees not to

make resolution of any dispute with WHKS or payment of any amount due to WHKS in any way contingent upon WHKS signing any such guarantee or warranty.

### 6. Indemnification

WHKS agrees, to the extent permitted by law, to indemnify and hold Client harmless from any damage, liability or cost (including reasonable attorney's fees and costs of defense) to the extent caused by WHKS' negligent acts, errors or omissions in the performance of professional services under this Agreement and those of its subconsultants or anyone for whom WHKS is legally liable.

Client agrees, to the extent permitted by law, to indemnify and hold WHKS harmless from any damage, liability or cost (including reasonable attorneys' fees and costs of defense) to the extent caused by Client's negligent acts, errors or omissions and those of Client's contractors, subcontractors or consultants or anyone for whom Client is legally liable.

Neither WHKS nor Client shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence.

### 7. Billing and Payment Provisions

Invoices shall be submitted by WHKS monthly and are due upon presentation and shall be considered PAST DUE if not paid within thirty (30) calendar days of the invoice date.

If payment is not received by WHKS within thirty (30) calendar days of the invoice date, Client shall pay as interest an additional charge of one

and one-quarter percent (1.25%) of the PAST DUE amount per month. Payment thereafter shall first be applied to accrued interest and then to the unpaid principal.

If Client fails to make payments within sixty (60) days from the date of an invoice or otherwise is in breach of this Agreement, WHKS may, at its option, suspend performance of services upon five (5) calendar days' notice to Client. WHKS shall have no liability whatsoever to Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by Client. If Client fails to make payment to WHKS in accordance with the payment terms herein, this shall constitute a material breach of this Agreement and shall be cause for termination by WHKS.

In the event legal action is necessary to enforce the payment provisions of this Agreement, WHKS shall be entitled to collect from Client any judgment or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by WHKS in connection therewith and, in addition, the reasonable value of WHKS personnel time and expenses spent in connection with such collection action, computed at WHKS current fee schedule and expense policies.

Payment of invoices is in no case subject to unilateral discounting or set-offs by Client, and payment is due regardless of suspension or termination of this Agreement by either party.

### 8. Ownership of Records

All reports, plans, specifications, field data and notes and other



documents, including all documents on electronic media, prepared by WHKS as instruments of service shall remain the property of WHKS.

Client shall be permitted to retain copies, including reproducible copies, of the plans and specifications for information and reference in connection with Client's use of the completed project. The plans and specifications shall not be used by Client or by others on other similar projects except by agreement in writing by WHKS.

#### **9. Delivery of Electronic Files**

In accepting and utilizing any drawings, reports and data on any form of electronic media generated and provided by WHKS, Client covenants and agrees that all such electronic files are instruments of service of WHKS, who shall be deemed the author, and who shall retain all rights under common and statutory laws, and other rights, including copyrights. Client is aware that differences may exist between the electronic files delivered and the respective construction documents due to addenda, change orders or other revisions. In the event of a conflict between the signed construction documents prepared by WHKS and electronic files, the signed construction documents shall govern.

Client and WHKS agree that the electronic files prepared by WHKS shall conform to the current CADD software in use by WHKS or to other mutually agreeable CADD specifications defined in the Agreement. Any changes to the CADD specifications by either Client or WHKS are subject to review and acceptance by the other party. Additional efforts by WHKS made necessary by a change to the CADD specifications or other software shall be compensated for as Additional Services.

The electronic files provided by WHKS to Client are submitted for an acceptance period of 60 days. Any defects Client discovers during this period will be reported to WHKS and will be corrected as part of the Scope

of Services. Correction of defects detected and reported after the acceptance period will be compensated for as Additional Services.

Client agrees not to reuse the electronic files, in whole or in part, for any purpose or project other than the project that is the subject of this Agreement. Client agrees not to transfer the electronic files to others without the prior written consent of WHKS, except as required by law. In addition, Client agrees, to the extent permitted by law, to indemnify and hold WHKS harmless from any damage, liability or cost, including reasonable attorney's fees and costs of defense, arising from any changes made by anyone other than WHKS or from any reuse of the electronic files without the prior written consent of WHKS.

Under no circumstance shall delivery of the electronic files for use by Client be deemed a sale by WHKS and WHKS makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall WHKS be liable for any loss of profit or any consequential damages.

#### **10. Changed Conditions**

Client shall rely on the judgment of WHKS as to the continued adequacy of this agreement in light of occurrences or discoveries that were not originally contemplated by or known to WHKS. Should WHKS call for contract renegotiation, WHKS shall identify the changed conditions necessitating renegotiation and WHKS and Client shall promptly and in good faith enter into renegotiation of this Agreement. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement.

#### **11. Permits and Approvals**

WHKS shall assist Client in applying for those permits and approvals typically required by law for projects similar to the one for which WHKS services are being engaged. This assistance consists of completing

and submitting forms as to the results of certain work included in the Scope of Services.

#### **12. Suspension of Services**

If the project is suspended for more than thirty (30) calendar days in the aggregate, WHKS shall be compensated for services performed and charges incurred prior to receipt of notice to suspend and, upon resumption, an equitable adjustment in fees to accommodate the resulting demobilization and remobilization costs. In addition, there shall be an equitable adjustment in the project schedule based on the delay caused by the suspension. If the project is suspended for more than ninety (90) calendar days in the aggregate, WHKS may, at its option, terminate this Agreement upon giving notice in writing to Client.

#### **13. Termination**

Either Client or WHKS may terminate this Agreement at any time with or without cause upon giving the other party seven (7) calendar days prior written notice. Client shall within thirty (30) calendar days of termination pay WHKS for all services rendered and all costs incurred up to the date of termination, in accordance with the compensation provisions of the Agreement.

#### **14. Unauthorized Changes**

In the event Client, Client's contractors or subcontractors or anyone for whom Client is legally liable makes or permits to be made any changes to any reports, plans, specifications or other contract documents prepared by WHKS without obtaining WHKS' prior written consent, Client shall assume full responsibility for the results of such changes. Therefore, Client agrees to waive any claim against WHKS and to release WHKS from any liability arising directly or indirectly from such changes.

Client also agrees, to the extent permitted by laws, to indemnify and hold WHKS harmless from any



damage, liability or cost, including reasonable attorneys' fees and costs of defense, arising from such changes.

### **15. Jobsite Safety**

Neither the professional activities of WHKS nor the presence of WHKS or its employees and subconsultants at a construction site, shall relieve the General Contractor and any other entity of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending or coordinating all portions of the construction work in accordance with the contract documents and any health or safety precautions required by any regulatory agencies. WHKS and its personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions.

### **16. Additional Services**

Services which are requested by Client or are required as part of the Project, but are not included in the Scope of Services, are considered Additional Services.

WHKS will notify Client in writing when Additional Services will be needed. WHKS and Client will agree on the extent of the Additional Service(s) required and will agree on the method and amount of the compensation for performance of said agreed upon Additional Services.

WHKS will not perform Additional Services which will result in additional cost to Client without documented verbal or written authority of Client.

In the event WHKS is requested or required to participate in any dispute resolution procedure which involves any aspect of the Project, Client agrees to compensate WHKS for the reasonable value of WHKS' personnel time and expenses spent

in connection with such procedures computed at WHKS' then current fee schedule and expense policies.

### **17. Dispute Resolution**

In an effort to resolve any conflicts that arise, Client and WHKS agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation unless the parties mutually agree otherwise.

### **18. Third Party Beneficiaries**

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either Client or WHKS. WHKS' services under this Agreement are being performed solely for Client's benefit, and no other entity shall have any claim against WHKS because of this Agreement or the performance or nonperformance of services hereunder.

### **19. Extension of Protection**

Client agrees to extend any and all liability limitations and indemnifications provided by Client to WHKS to those individuals and entities WHKS retains for performance of the services under this Agreement, including but not limited to WHKS officers and employees and their heirs and assigns, as well as WHKS subconsultants and their officers, employees, heirs and assigns.

### **20. Timeliness of Performance**

WHKS will perform the services described in the Scope of Services with due and reasonable diligence consistent with sound professional practices.

### **21. Delays**

WHKS is not responsible for delays caused by factors beyond WHKS' reasonable control, including but not limited to delays because of strikes, lockouts, work slowdowns or stoppages, accidents, acts of God, failure of any governmental or other

regulatory authority to act in a timely manner, failure of Client to furnish timely information or approve or disapprove of WHKS' services or work product promptly, or delays caused by faulty performance by Client or by contractors of any level. When such delays beyond WHKS' reasonable control occur, Client agrees WHKS is not responsible for damages, nor shall WHKS be deemed to be in default of this Agreement.

### **22. Right to Retain Subconsultants**

WHKS may use the services of subconsultants when, in the sole opinion of WHKS, it is appropriate and customary to do so. Such persons and entities include, but are not limited to, aerial mapping specialists, geotechnical consultants and testing laboratories. WHKS' use of other consultants for additional services shall not be unreasonably restricted by Client provided WHKS notifies Client in advance.

### **23. Assignment**

Neither party to this Agreement shall transfer, sublet or assign any rights under or interest in this Agreement (including but not limited to monies that are due or monies that may be due) without the prior written consent of the other party.

### **24. Severability and Survival**

Any provision of this Agreement later held to be unenforceable for any reason shall be deemed void, and all remaining provisions shall continue in full force and effect.

### **25. Hazardous Materials**

It is acknowledged by both parties that WHKS' Scope of Services does not include any services related to asbestos or hazardous or toxic materials. In the event WHKS or any other party encounters asbestos or hazardous or toxic materials at the jobsite, or should it become known in any way that such materials may be present at the jobsite or any adjacent areas that may affect the performance of WHKS services,



WHKS may, at its option and without liability for consequential or any other damages, suspend performance of services on the project until Client retains appropriate specialist consultant(s) or contractor(s) to identify, abate and/or remove the asbestos or hazardous or toxic materials, and warrant that the jobsite is in full compliance with applicable laws and regulations.

## **26. Joint Participation**

The parties have participated jointly in the negotiation and preparation of all agreements between the parties. Each party has had an opportunity to obtain the advice of legal counsel and to review and comment upon this instrument. Accordingly, no rule of construction shall apply against any party or in favor of any party. This instrument shall be construed as if the parties jointly prepared it and any uncertainty or ambiguity shall not be interpreted against one party and in favor of another.

## **27. Record Documents**

If required in the Professional Services Agreement, WHKS shall, upon completion of the Work, compile for and deliver to the Client a reproducible set of Record Documents that are based upon the marked-up record drawings, addenda, change orders and other data furnished by the Contractor or other third parties. These Record Documents may show certain significant changes from the original design made during construction. Because these Record Documents are based on unverified information provided by other parties, which the Consultant is entitled to assume as reliable, the Consultant does not warrant their accuracy.

Revised 02/23/07

Revised: 04/29/09



## RESOLUTION NO. 65-23

Approving a Limited Notice to Proceed Agreement between This is Iowa Ballpark, Inc. and City of Dyersville, and Construction Manager Miron Construction Co., Inc.

WHEREAS, City of Dyersville, This is Iowa Ballpark, Inc., and Miron Construction Co.. Inc. have executed an agreement in the form AIA Documents A133-2019 Agreement, along with supplementals; and,

WHEREAS, the Limited Notice to Proceed Agreement between This is Iowa Ballpark, Inc. and City of Dyersville, and Construction Manager Miron Construction Co., Inc. have been carefully reviewed and considered; and,

NOW, THEREFORE, IT IS RESOLVED by the City Council of the City of Dyersville, Iowa, as follows:

Section 1. The Limited Notice to Proceed Agreement is hereby approved subject to the approval of This is Iowa Ballpark, Inc. The City Administrator and City Clerk are hereby authorized and directed to execute and deliver the Agreement on behalf of the City, in substantially the form and content in which the Agreement has been presented to this City Council, and such officers are also authorized to make such changes, modifications, additions or deletions as they, with the advice of legal counsel, may believe to be necessary, and to take such actions as may be necessary to carry out the provisions of the Agreement.

Section 2. All resolutions or parts of resolutions in conflict herewith are hereby repealed.

Passed and approved October 2, 2023.

---

Jeff Jacque, Mayor

Attest:

---

Tricia L. Maiers, City Clerk



Miron Construction Co., Inc.  
1471 McMahon Drive  
Neenah, Wisconsin 54956

**RE: LIMITED NOTICE TO PROCEED – FIELD OF DREAMS MOVIE SITE  
PROFESSIONAL BALLPARK**

This Limited Notice to Proceed is issued this \_\_\_\_ day of October 2023, by This is Iowa Ballpark, Inc. (“Owner”), the City of Dyersville (“Fiscal Agent”), and Miron Construction Co., Inc. (“Construction Manager”).

1. The Owner, Fiscal Agent, and Construction Manager have executed an agreement in the form of AIA Document A133-2019 for the project. Capitalized terms used herein and not otherwise defined herein have the meaning assigned to them in the Agreement.

2. Prior to the execution of the Guaranteed Maximum Price Amendment, the Owner and Fiscal Agent wish to have the Construction Manager commence the performance of certain portions of the Construction Phase Work pursuant to Section 3.3.1.2 of the Agreement. Construction Manager agrees to commence the performance of the following portions of the Construction Phase Work:

- Exhibit #1 Itemized Statement of the cost summary of work
- Exhibit #2 Specifications dated 9/27/2023
- Exhibit #3 Drawings dated 9/27/2023
- Exhibit #4 Allowances

3. For performance under this Limited Notice to Proceed, the Owner, with the concurrence from the Fiscal Agent, shall pay to the Construction Manager the Cost of the Work plus the Contractor’s Fee, in an amount not to exceed \$1,500,000. All activities/items are considered lump sum value with the exception of items identified in Exhibit #4. Applications for Payment and payment shall be in accordance with the Agreement. All payments made shall be credited by the Construction Manager as payment toward the Guaranteed Maximum Price agreed upon by the Owner, the Fiscal Agent, and the Construction Manager in the Guaranteed Maximum Price Amendment.

4. The terms and conditions of the Agreement shall apply to all Construction Phase Work performed by the Construction Manager pursuant to this Limited Notice to Proceed.

5. The Construction Manager shall purchase and maintain such insurance as required by the Agreement prior to the start of Construction Phase Services described herein.

6. Except as otherwise stated herein, no other terms and conditions of the Agreement are amended, and the Agreement remains in full force and effect.

*[Remainder of Page Intentionally Left Blank]*



Signed by:

for and on behalf of Owner:

**THIS IS IOWA BALLPARK, INC.**

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

**CITY OF DYERSVILLE (FISCAL AGENT)**

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

for and on behalf of the Construction Manager:

**MIRON CONSTRUCTION CO., INC.**

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_



## project manual

### **Field of Dreams Movie Site Professional Ballpark**

28995 Lansing Road, Dyersville, IA 52040

This is Iowa Ballpark, Inc., City of Dyersville  
340 1st Avenue East, Dyersville, IA 55040

<b>Issuance:</b>		<b>Date:</b>
BP01	BID PACKAGE 01 – EARLY SITE	September 27, 2023

**RDG Project No.: 3005.252.04**  
**Volume No.: 1 of 1**

Creatively influencing life for the better through purpose driven design.



## SECTION 00 01 01 – PROJECT TITLE PAGE

<b>PROJECT:</b>	<b>Field of Dreams</b> Movie Site Professional Ballpark 28995 Lansing Road, Dyersville, IA 52040 RDG No.: <b>3005.252.04</b>
<b>OWNER:</b>	<b>This is Iowa Ballpark, Inc., City of Dyersville</b> 340 1st Avenue East, Dyersville, IA 55040
<b>DATE:</b>	September 27, 2023
<b>ARCHITECT:</b>	<b>RDG Planning &amp; Design</b> 301 Grand Avenue, Des Moines, Iowa 50309 Phone: 515.288.3141 Contact: Tom Ohle   <a href="mailto:tohle@rdgusa.com">tohle@rdgusa.com</a>   515.314.5912
<b>LANDSCAPE ARCHITECT:</b>	<b>RDG Planning &amp; Design</b> 301 Grand Avenue, Des Moines, Iowa 50309 Phone: 515.288.3141 Contact: Ryan Peterson   <a href="mailto:rpeterson@rdgusa.com">rpeterson@rdgusa.com</a>   608.673.4970
<b>CIVIL:</b>	<b>Origin Design</b> 137 Main Street, Suite 100, Dubuque, Iowa 52001 Phone: 563.556.2464 Contact: Cody Austin   <a href="mailto:cody.austin@origindesign.com">cody.austin@origindesign.com</a>   563.231.6195
<b>STRUCTURAL:</b>	<b>Walter P Moore and Assoc, Inc.</b> 201 East Kennedy Boulevard, Suite 700, Tampa, FL 33602 Phone: 813.221.2424 Contact: Dylan Richard   <a href="mailto:drichard@walterpmoore.com">drichard@walterpmoore.com</a>   813.275.8129
<b>MECHANICAL   PLUMBING FIRE PROTECTION:</b>	<b>Henderson Engineers, Inc.</b> 8345 Lenexa Drive, Suite 300, Lenexa, KS 66214 Phone: 913.742.5000 Contact: Ryan Yotter   <a href="mailto:ryan.yotter@hendersonengineers.com">ryan.yotter@hendersonengineers.com</a>   816.663.8708
<b>ELECTRICAL:</b>	<b>Henderson Engineers, Inc.</b> 8345 Lenexa Drive, Suite 300, Lenexa, KS 66214 Phone: 913.742.5000 Contact: Jordan Bartholomew   <a href="mailto:jordan.bartholomew@hendersonengineers.com">jordan.bartholomew@hendersonengineers.com</a>   816.663.8709
<b>AV   BROADCAST:</b>	<b>Henderson Engineers, Inc.</b> 8345 Lenexa Drive, Suite 300, Lenexa, KS 66214 Phone: 913.742.5000 Contact: Jason Kartak   <a href="mailto:jason.kartak@hendersonengineers.com">jason.kartak@hendersonengineers.com</a>   913.742.5323
<b>LIGHTING:</b>	<b>RDG Planning &amp; Design</b> 301 Grand Avenue, Des Moines, Iowa 50309 Phone: 515.288.3141 Contact: David Raver   <a href="mailto:draver@rdgusa.com">draver@rdgusa.com</a>   515.309.3216
<b>ACOUSTICAL CONSULTANT:</b>	<b>Henderson Engineers, Inc.</b> 8345 Lenexa Drive, Suite 300, Lenexa, KS 66214 Phone: 913.742.5000 Contact: Kevin Butler   <a href="mailto:kevin.butler@hendersonengineers.com">kevin.butler@hendersonengineers.com</a>   913.742.5605

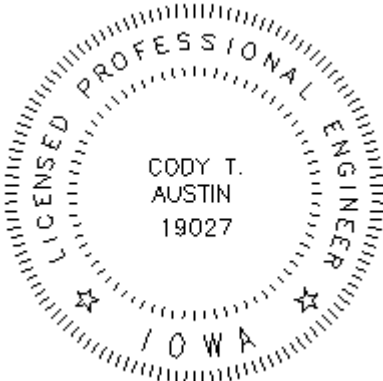




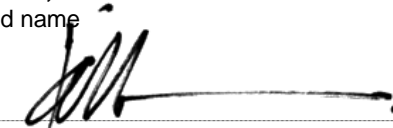
<b>IRRIGATION:</b>	<b>Hines Inc.</b> 323 W Drake Road, Suite 204, Ft. Collins, CO 80526 Phone: 970.282.1800 Contact: Justin Dannelly   <a href="mailto:justin@hinesinc.com">justin@hinesinc.com</a>   970.233.7926
<b>FOOD SERVICE:</b>	<b>Rapids Foodservice</b> 6201 South Gateway Drive, Marion, IA 52302 Phone: 319.447.3515 Contact: Luke Green   <a href="mailto:Luke.green@rapidscontract.com">Luke.green@rapidscontract.com</a>   319.373.7280
<b>CONSTRUCTION MANAGER:</b>	<b>Miron Construction Co., Inc.</b> 335 French Court SW, Cedar Rapids, IA 52404 Phone: 319.298.5200 Contact: Joel Stave   <a href="mailto:joel.stave@miron-construction.com">joel.stave@miron-construction.com</a>   920.886.7869

END OF DOCUMENT 00 01 01



## SECTION 00 01 05 – CERTIFICATION PAGE

	<b>CIVIL</b>	
	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.	
	<b>CODY T. AUSTIN, P.E.</b> Printed or typed name	IOWA LIC No. <b>19027</b>
		
	Signature	Date
	Expiration Date: DECEMBER 31, 2024	
	Pages or sheets covered by this seal:	Date Issued:
	<b>Project Manual pages identified in Table of Contents.</b>	<b>27 SEP 2023</b>

	<b>ARCHITECTURAL</b>	
	I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the State of Iowa.	
	<b>JACK D. PATTON, AIA</b> Printed or typed name	IOWA LIC No. <b>03193</b>
		
	Signature	Date
	Expiration Date: JUNE 30, 2025	
	Pages or sheets covered by this seal:	Date Issued:
	<b>Project Manual pages identified in Table of Contents.</b>	<b>27 SEP 2023</b>

END OF SECTION 00 01 05



**PROJECT: Field of Dreams**  
 Movie Site Professional Ballpark  
 28995 Lansing Road, Dyersville, IA 52040  
 RDG No. **3005.252.04**

**OWNER: This is Iowa Ballpark, Inc., City of Dyersville**  
 340 1st Avenue East, Dyersville, IA 55040

Prepared By: Section No. Section Title Issue Date

## VOLUME ONE OF ONE

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ARCH	00 01 10	TABLE OF CONTENTS.....	27 SEP 2023
ARCH	00 26 00	PROCUREMENT SUBSTITUTION PROCEDURES.....	27 SEP 2023
ARCH	00 30 00	INFORMATION AVAILABLE TO BIDDERS .....	27 SEP 2023

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### SUPPLEMENTAL DOCUMENTS (FOR REFERENCE ONLY)

01	GEOTECHNICAL ENGINEERING REPORT .....	27 SEP 2023
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Abbreviation	Company Name	Discipline:
CIVIL	Origin Design Co.	Civil Engineering Consultant
STRUC	Walter P. Moore and Associates, Inc.	Structural Consultant
LARCH	RDG Planning & Design	Landscape Architectural Consultant
ARCH	RDG Planning & Design	Architectural Consultant
LIGHT	RDG Planning & Design	Lighting Consultant
ACOUS	Henderson Engineering, Inc.	Acoustical Consultant
MECH	Henderson Engineering, Inc.	Mechanical Consultant
ELEC	Henderson Engineering, Inc.	Electrical Consultant
AV	Henderson Engineering, Inc.	AV   Broadcast Consultant
IRRIG	FRS Design Group	Irrigation Consultant
FOOD	Rapids Foodservice	Food Service Consultant
CM	Miron Construction Co., Inc.	Construction Manager
OWNER	This is Iowa Ballpark, Inc., City of Dyersville	Owner

## END OF TABLE OF CONTENTS



## SECTION 00 26 00 – PROCUREMENT SUBSTITUTION PROCEDURES

### 1.1 SUMMARY

- A. Pre-Bid Substitutions.

### 1.2 BIDDER'S OPTIONS

- A. For products specified by reference standard only, select product meeting that standard, by any manufacturer.
- B. For products specified by naming one or several products or manufacturers, select one of the products and manufacturers named. Submit a Request for Substitution for a product or manufacturer which is not specifically named unless "No Substitutions" is indicated. Architect and/or Engineer will review and consider for approval.
- C. For products specified by naming one or several products or manufacturers and stating "or equivalent", or "equal", or "Architect approved equivalent", or similar wording, submit a Request for Substitution for a product or manufacturer which is not specifically named. Architect and/or Engineer will review and consider for approval.
- D. For products specified by naming only one or several products or manufacturers, and "No Substitutions" is indicated, there is no option and no substitution will be allowed.

### 1.3 SUBSTITUTIONS

- A. Prepare Base Bid in accordance with requirements of the Bidding Documents.
  - 1. Substitutions for products may be made during the bidding period by submitting a completed Request for Substitution form and providing substantiating product information. The Architect/Engineer will consider substitution requests for approval provided they meet the submittal requirements and product information is complete and accurate.
  - 2. Submit the Request for Substitution form via e-mail directly to the contact person listed on the Project Title Page of the discipline responsible for preparation of the related specification Section.
  - 3. Request for Substitution must be received by the Architect/Engineer a minimum of ten (10) calendar days prior to the Bid Date.
  - 4. Do not submit duplicate requests by multiple transmission methods such as mail delivery, hand delivery, fax, etc. Requests requiring physical samples may be delivered.
  - 5. Architect will notify Bidders of approved product substitutions in an addendum.
- B. Submit a separate request for each item. Provide the following with each request:
  - 1. Complete data substantiating compliance of proposed substitution with requirements stated in Bidding Documents:
    - a. Product identification, including manufacturer's name and address.
    - b. Manufacturer's literature, identifying:
      - 1) Product description and model number.
      - 2) Reference standards.
      - 3) Performance and test data.
    - c. Samples, as applicable.
    - d. Name and address of projects on which product has been used and date of each installation.
  - 2. Itemized comparison of the proposed substitution with product specified, listing significant variations.
  - 3. Advise of any change in construction schedule resulting from use of proposed substitution.
  - 4. All effects of substitution on separate contracts.
  - 5. List of changes required in other work or products.



6. Designation of responsibility for cost of required license fees or royalties.
7. Description of availability of maintenance services and sources of replacement materials and parts.

- C. Substitutions will not be considered for acceptance when:
  1. Acceptance will require substantial revision of Contract Documents.
  2. In the judgement of the Architect/Engineer, the submittal does not include adequate information for a comprehensive evaluation.

#### **1.4 BIDDER'S REPRESENTATION**

- A. In making formal request for substitution the bidder represents that:
  1. The bidder has investigated proposed product and has determined that it is equivalent to or superior in all respects to that specified.
  2. The bidder will provide the same warranties or bonds for substitution as for the product specified.
  3. The bidder will coordinate installation of the accepted substitution into the Work, and will make such changes as may be required for the Work to be completed in all respects.
  4. The bidder waives claims for additional costs caused by substitution that may subsequently become apparent.

#### **1.5 ARCHITECT'S ACTION**

- A. Review requests for substitution. Substitution requests that are either approved or not approved will not be returned to person submitting request.
- B. Issue an addendum to identify accepted substitutions.
- C. Only those substitutions noted as approved in an addendum may be included in the Bid.

#### **1.6 SUBSTITUTION REQUEST FORM**

- A. A Request for Substitution form is included at the end of this Section.
- B. Substitutions will be considered only when the Request for Substitution form is completed and submitted with product information requested.
- C. If no samples are included with request, the preferred method of receipt is by email. Do not send duplicate request forms by mail.
- D. If samples are included with request, include Request for Substitution form with delivery of samples. Do not mail or email duplicate request forms.



**REQUEST FOR SUBSTITUTION****DATE RECEIVED:** \_\_\_\_\_

**E-MAIL TO:** Joel Stave | [joel.stave@miron-construction.com](mailto:joel.stave@miron-construction.com)  
 Tom Ohle | [tohle@rdgusa.com](mailto:tohle@rdgusa.com)

**PROJECT:** **Field of Dreams**  
 Movie Site Professional Ballpark

**PROJECT NO.:** 3005.252.04

We submit the following product/system/material information for your consideration and approval:

**SPECIFICATION SECTION NUMBER AND NAME:** \_\_\_\_\_

**SPECIFIED ITEM:** \_\_\_\_\_

**PROPOSED SUBSTITUTION:** \_\_\_\_\_

Attach complete information on changes to Drawings and/or Specifications, which proposed substitution would require for its proper installation.

Submit with request necessary samples and substantiating data to show equivalency (quality and performance) to that specified. Clearly mark manufacturer's literature to identify proposed item and to identify criteria confirming product is equivalent to the specification.

Submit the Request for Substitution form via e-mail directly to the contact person listed on the Project Title Page of the discipline responsible for preparation of the related specification Section.

Do not submit duplicate requests by multiple transmission methods such as mail delivery, hand delivery, fax, etc. Requests requiring physical samples may be delivered.

The undersigned certifies that the function, appearance, quality, performance and compatibility with adjacent materials are equivalent to the specified item.

Submitted by:

_____ (Signature)	_____ (Phone)
_____ (Firm)	_____ (Fax)
_____ (Address)	_____ (Email)

**ARCHITECT ACTION:**

<input type="checkbox"/> RECOMMENDED	<input type="checkbox"/> NOT RECOMMENDED	<input type="checkbox"/> RECOMMENDED AS NOTED
	<input type="checkbox"/> RECEIVED LATE	<input type="checkbox"/> INSUFFICIENT DATA RECEIVED

By: \_\_\_\_\_ Date: \_\_\_\_\_

**ENGINEER OR CONSULTANT ACTION:**

<input type="checkbox"/> RECOMMENDED	<input type="checkbox"/> NOT RECOMMENDED	<input type="checkbox"/> RECOMMENDED AS NOTED
	<input type="checkbox"/> RECEIVED LATE	<input type="checkbox"/> INSUFFICIENT DATA RECEIVED

By: \_\_\_\_\_ Date: \_\_\_\_\_

**OWNER ACTION:**

<input type="checkbox"/> RECOMMENDED	<input type="checkbox"/> NOT RECOMMENDED	<input type="checkbox"/> RECOMMENDED AS NOTED
	<input type="checkbox"/> RECEIVED LATE	<input type="checkbox"/> INSUFFICIENT DATA RECEIVED

By: \_\_\_\_\_ Date: \_\_\_\_\_



**FILL IN ALL BLANKS BELOW:**

A. Does the substitution affect dimensions indicated on the Drawings?

☐ Yes ☐ No If yes, describe the changes:

---



---

B. Will the undersigned pay for changes to the building design, including engineering and detailing costs caused by the requested substitution?

☐ Yes ☐ No If no, fully explain:

---



---

C. What effect does substitution have on other Contracts or other trades?

---

D. What effect does substitution have on construction schedule?

---

E. Manufacturer's warranties of the proposed and specified items are:

☐ Same ☐ Different If different, fully explain:

---



---

F. Reason for Request for Substitution:

---

G. Comparison of specified item with the proposed substitution; list significant variations:

---

H. What maintenance services are provided and who will provide:

---

I. Estimated cost savings or additional cost to make substitution:

---

(Attach additional sheets as required)

**END OF SECTION 00 26 00**



## SECTION 00 30 00 – INFORMATION AVAILABLE TO BIDDERS

### 1.1 SUBSURFACE INVESTIGATION REPORT

- A. A copy of a geotechnical report with respect to the building site titled as follows:

Geotechnical Engineering Report  
Field of Dreams Movie Site Professional Ballpark  
28995 Lansing Road, Dyersville, IA  
Terracon PN: 07225161R

Dated September 15, 2023, and prepared by Terracon Consulting Engineers, Bettendorf, IA.

- B. A copy of the geotechnical report noted above is included bound at the back of the Project Manual.
- C. This report identifies properties of below grade conditions and offers recommendations for the design of foundations prepared primarily for the use of the Architect/Engineer.
- D. The recommendations described shall not be construed as a requirement of this Contract, unless specifically referenced in the Contract Documents.
- E. This report, by its nature, cannot reveal all conditions that exist on the site. Should subsurface conditions be found to vary substantially from this report, changes in the design and construction of foundations will be made, with resulting credits or expenditures to the Contract Sum accruing to the Owner.

### 1.2 SITE SURVEY

- A. A copy of the topographic survey with respect to the project site is included in the Construction Documents set titled as follows:

C01.01 - Existing Conditions prepared by Origin Design Co.

- B. This survey identifies grade elevations prepared primarily for the use of the Architect/Engineer in establishing new grades and identifying natural water shed.

**END OF SECTION 00 30 00**



## SECTION 01 10 00 - SUMMARY

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Project information.
  - 2. Work covered by Contract Documents.
  - 3. Work performed by Owner.
  - 4. Owner-furnished/Contractor-installed (OFI) products.
  - 5. Contractor's use of site and premises.
  - 6. Coordination with occupants.
  - 7. Work restrictions.
  - 8. Specification and Drawing conventions.
- B. Related Requirements:
  - 1. Section 01 50 00 "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

#### 1.2 PROJECT INFORMATION

- A. Project Identification: Field of Dreams Movie Site Professional Ballpark.
  - 1. Project Location: 28995 Lansing Road, Dyersville, IA 52040.
- B. Owner: This is Iowa Ballpark, Inc., City of Dyersville, 340 1st Avenue East, Dyersville, IA 55040.
- C. Architect: RDG Planning & Design, 301 Grand Avenue, Des Moines, Iowa 50309.
- D. Construction Manager: Miron Construction Co., Cedar Rapids, IA.
  - 1. Construction Manager for this Project is Project's constructor. The terms "Construction Manager" and "Contractor" are synonymous.
- E. Web-Based Project Software: Project software will be used for purposes of managing communication and documents during the construction stage.
  - 1. See Section 01 31 00 "Project Management and Coordination." for requirements for using web-based Project software.

#### 1.3 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Work of Project is defined by the Contract Documents and includes, but is not limited to, the following:
  - 1. Construction MLB style ballpark of approximately 3,000 seats with location for 5,000 future temporary seats, and spaces for spectator amenities, media/broadcast, and baseball operations, including related mechanical, electrical and site construction.
- B. Type of Contract:
  - 1. Project will be constructed under a single prime contract.

#### 1.4 WORK PERFORMED BY OWNER

- A. Cooperate fully with Owner so work may be carried out smoothly, without interfering with or delaying work under this Contract or work by Owner. Coordinate the Work of this Contract with work performed by Owner.



## 1.5 OWNER-FURNISHED/CONTRACTOR-INSTALLED (OFCI) PRODUCTS

- A. Owner's Responsibilities: Owner will furnish products indicated and perform the following, as applicable:
  - 1. Provide to Contractor Owner-reviewed Product Data, Shop Drawings, and Samples.
  - 2. Provide for delivery of Owner-furnished products to Project site.
  - 3. Upon delivery, inspect, with Contractor present, delivered items.
    - a. If Owner-furnished products are damaged, defective, or missing, arrange for replacement.
  - 4. Obtain manufacturer's inspections, service, and warranties.
  - 5. Inform Contractor of earliest available delivery date for Owner-furnished products.
- B. Contractor's Responsibilities: The Work includes the following, as applicable:
  - 1. Designate delivery dates of Owner-furnished products in Contractor's construction schedule, utilizing Owner-furnished earliest available delivery dates.
  - 2. Review Owner-reviewed Product Data, Shop Drawings, and Samples, noting discrepancies and other issues in providing for Owner-furnished products in the Work.
  - 3. Receive, unload, handle, store, protect, and install Owner-furnished products.
  - 4. Make building services connections for Owner-furnished products.
  - 5. Protect Owner-furnished products from damage during storage, handling, and installation and prior to Substantial Completion.
  - 6. Repair or replace Owner-furnished products damaged following receipt.
- C. Owner-Furnished/Contractor-Installed (OFCI) Products:
  - 1. As indicated on Drawings.

## 1.6 CONTRACTOR'S USE OF SITE AND PREMISES

- A. Unrestricted Use of Site: Contractor shall have full use of Project site for construction operations during construction period. Contractor's use of Project site is limited only by Owner's right to perform work or to retain other contractors on portions of Project.

## 1.7 COORDINATION WITH OCCUPANTS

- A. Owner Limited Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed portions of the Work, prior to Substantial Completion of the Work, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and limited occupancy shall not constitute acceptance of the total Work.
  - 1. Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner acceptance of the completed Work.
  - 2. Obtain a Certificate of Occupancy from authorities having jurisdiction before limited Owner occupancy.
  - 3. Before limited Owner occupancy, mechanical and electrical systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain mechanical and electrical systems serving occupied portions of Work.
  - 4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of Work.

## 1.8 WORK RESTRICTIONS

- A. Comply with restrictions on construction operations.
  - 1. Comply with limitations on use of public streets, work on public streets, rights of way, and other requirements of authorities having jurisdiction.
- B. On-Site Work Hours: No limitations; comply with City noise ordinances.



- C. Smoking and Controlled Substance Restrictions: Use of tobacco products , alcoholic beverages and other controlled substances on Owner's property is not permitted.

## **1.9 SPECIFICATION AND DRAWING CONVENTIONS**

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
  2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 00 Contracting Requirements: General provisions of the Contract, including General and Supplementary Conditions, apply to all Sections of the Specifications.
- C. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- D. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
  2. Abbreviations: Materials and products are identified by abbreviations scheduled on Drawings.

### **PART 2 - PRODUCTS (Not Used)**

### **PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 10 00**



## SECTION 01 22 00 - UNIT PRICES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

#### 1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
  - 1. Section 01 26 00 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.
  - 2. Section 01 40 00 "Quality Requirements" for field testing by an independent testing agency.

#### 1.3 DEFINITIONS

- A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

#### 1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the Part 3 "Schedule of Unit Prices" Article contain requirements for materials described under each unit price.

### PART 2 - PRODUCTS (Not Used)

### PART 3 - EXECUTION

#### 3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1:
  - 1. Description: Onsite borrow material utilized for embankment construction. Utilization of stockpiled material for additional embankment construction along the third base line above and beyond grading shown on plans in accordance with Section 312000 "Earth Moving" .
  - 2. Unit of Measurement: cubic yard of soil excavated from stockpile.

ADD: \_\_\_\_\_ Dollars \$\_\_\_\_\_per CY



## B. Unit Price No. 2:

1. Description: Base Stone Material furnished, placed, and compacted as shown on the typical sections.
2. Unit of Measurement: Tons of material placed as measured by weight tickets.

ADD: \_\_\_\_\_ Dollars \$ \_\_\_\_\_ per Ton

## C. Unit Price No. 3:

1. Description: Sub-Base Stone (Modified Macadam) Material furnished, placed, and compacted as shown on the typical sections.
2. Unit of Measurement: Tons of material placed as measured by weight tickets.

ADD: \_\_\_\_\_ Dollars \$ \_\_\_\_\_ per Ton

**END OF SECTION 01 22 00**



## SECTION 01 23 00 - ALTERNATES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

#### 1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
  - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
  - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

#### 1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

### PART 2 - PRODUCTS (Not Used)

### PART 3 - EXECUTION

#### 3.1 SCHEDULE OF ALTERNATES

- A. Alternate 1: ADD – Storm sewer within site.

### END OF SECTION 01 23 00



## SECTION 01 25 00 - SUBSTITUTION PROCEDURES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for substitutions.
- B. Related Requirements:
  - 1. Section 00 26 00 "Procurement Substitution Procedures" for requirements for substitution requests prior to award of Contract.
  - 2. Section 01 21 00 "Allowances" for products selected under an allowance.
  - 3. Section 01 23 00 "Alternates" for products selected under an alternate.
  - 4. Section 01 60 00 "Product Requirements" for requirements for submitting comparable product submittals for products by listed manufacturers.

#### 1.2 DEFINITIONS

- A. Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents.
  - 1. Substitutions for Cause: Changes proposed by Contractor that are required due to changed Project conditions, such as unavailability of product, regulatory changes, or unavailability of required warranty terms.
  - 2. Substitutions for Convenience: Changes proposed by Contractor or Owner that are not required in order to meet other Project requirements but may offer advantage to Contractor or Owner.

#### 1.3 ACTION SUBMITTALS

- A. Substitution Requests: Submit documentation identifying product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.
  - 1. Substitution Request Form: Use facsimile of form provided in Project Manual.
  - 2. Documentation: Show compliance with requirements for substitutions and the following, as applicable:
    - a. Statement indicating why specified product or fabrication or installation method cannot be provided, if applicable.
    - b. Coordination of information, including a list of changes or revisions needed to other parts of the Work and to construction performed by Owner and separate contractors that will be necessary to accommodate proposed substitution.
    - c. Detailed comparison of significant qualities of proposed substitutions with those of the Work specified. Include annotated copy of applicable Specification Section. Significant qualities may include attributes, such as performance, weight, size, durability, visual effect, sustainable design characteristics, warranties, and specific features and requirements indicated. Indicate deviations, if any, from the Work specified.
    - d. Product Data, including drawings and descriptions of products and fabrication and installation procedures.
    - e. Samples, where applicable or requested.
    - f. Certificates and qualification data, where applicable or requested.
    - g. List of similar installations for completed projects, with project names and addresses as well as names and addresses of architects and owners.
    - h. Material test reports from a qualified testing agency, indicating and interpreting test results for compliance with requirements indicated.
    - i. Research reports evidencing compliance with building code in effect for Project, from ICC-ES.
    - j. Detailed comparison of Contractor's construction schedule using proposed substitutions with products specified for the Work, including effect on the overall



Contract Time. If specified product or method of construction cannot be provided within the Contract Time, include letter from manufacturer, on manufacturer's letterhead, stating date of receipt of purchase order, lack of availability, or delays in delivery.

- k. Cost information, including a proposal of change, if any, in the Contract Sum.
  - l. Contractor's certification that proposed substitution complies with requirements in the Contract Documents, except as indicated in substitution request, is compatible with related materials and is appropriate for applications indicated.
  - m. Contractor's waiver of rights to additional payment or time that may subsequently become necessary because of failure of proposed substitution to produce indicated results.
3. Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within seven days of receipt of a request for substitution. Architect will notify Contractor of acceptance or rejection of proposed substitution within 15 days of receipt of request, or seven days of receipt of additional information or documentation, whichever is later.
- a. Forms of Acceptance: Change Order, Construction Change Directive, or Architect's Supplemental Instructions for minor changes in the Work.
  - b. Use product specified if Architect does not issue a decision on use of a proposed substitution within time allocated.

#### 1.4 QUALITY ASSURANCE

- A. Compatibility of Substitutions: Investigate and document compatibility of proposed substitution with related products and materials. Engage a qualified testing agency to perform compatibility tests recommended by manufacturers.

#### 1.5 PROCEDURES

- A. Coordination: Revise or adjust affected work as necessary to integrate work of the approved substitutions.

#### 1.6 SUBSTITUTIONS

- A. Substitutions for Cause: Submit requests for substitution immediately on discovery of need for change, but not later than 15 days prior to time required for preparation and review of related submittals.
  - 1. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:
    - a. Requested substitution is consistent with the Contract Documents and will produce indicated results.
    - b. Substitution request is fully documented and properly submitted.
    - c. Requested substitution will not adversely affect Contractor's construction schedule.
    - d. Requested substitution has received necessary approvals of authorities having jurisdiction.
    - e. Requested substitution is compatible with other portions of the Work.
    - f. Requested substitution has been coordinated with other portions of the Work.
    - g. Requested substitution provides specified warranty.
    - h. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.
- B. Substitutions for Convenience: Architect will consider requests for substitution if received within 60 days after the Notice to Proceed. Requests received after that time may be considered or rejected at discretion of Architect.
  - 1. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:



- a. Requested substitution offers Owner a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities Owner must assume. Owner's additional responsibilities may include compensation to Architect for redesign and evaluation services, increased cost of other construction by Owner, and similar considerations.
- b. Requested substitution does not require extensive revisions to the Contract Documents.
- c. Requested substitution is consistent with the Contract Documents and will produce indicated results.
- d. Substitution request is fully documented and properly submitted.
- e. Requested substitution will not adversely affect Contractor's construction schedule.
- f. Requested substitution has received necessary approvals of authorities having jurisdiction.
- g. Requested substitution is compatible with other portions of the Work.
- h. Requested substitution has been coordinated with other portions of the Work.
- i. Requested substitution provides specified warranty.
- j. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 25 00**



## SECTION 01 26 00 - CONTRACT MODIFICATION PROCEDURES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for handling and processing Contract modifications.
- B. Related Requirements:
  - 1. Section 01 25 00 "Substitution Procedures" for administrative procedures for handling requests for substitutions made after the Contract award.

#### 1.2 SUBMITTAL PROCEDURES

- A. Prepare proposal requests as PDF electronic files and upload to web-based Project software website specifically established for project. Enter required data in web-based software site to fully identify submittal.

#### 1.3 MINOR CHANGES IN THE WORK

- A. Architect will issue supplemental instructions authorizing minor changes in the Work, not involving adjustment to the Contract Sum or the Contract Time, on AIA Document G710.

#### 1.4 PROPOSAL REQUESTS

- A. Owner-Initiated Proposal Requests: Architect will issue a detailed description of proposed changes in the Work that may require adjustment to the Contract Sum or the Contract Time. If necessary, the description will include supplemental or revised Drawings and Specifications.
  - 1. Proposal Requests issued by Architect are not instructions either to stop work in progress or to execute the proposed change.
  - 2. Within time specified in Proposal Request or 20 days, when not otherwise specified, after receipt of Proposal Request, submit a quotation estimating cost adjustments to the Contract Sum and the Contract Time necessary to execute the change.
    - a. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
    - b. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
    - c. Include costs of labor and supervision directly attributable to the change.
    - d. Include an updated Contractor's construction schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
    - e. Quotation Form: Use forms acceptable to Architect.
- B. Contractor-Initiated Proposals: If latent or changed conditions require modifications to the Contract, Contractor may initiate a claim by submitting a request for a change to Architect.
  - 1. Include a statement outlining reasons for the change and the effect of the change on the Work. Provide a complete description of the proposed change. Indicate the effect of the proposed change on the Contract Sum and the Contract Time.
  - 2. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
  - 3. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
  - 4. Include costs of labor and supervision directly attributable to the change.



5. Include an updated Contractor's construction schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
6. Comply with requirements in Section 01 25 00 "Substitution Procedures" if the proposed change requires substitution of one product or system for product or system specified.
7. Proposal Request Form: Use form acceptable to Architect.
8. Submit or post proposal requests using Portable Data File (PDF) format.

## **1.5 ADMINISTRATIVE CHANGE ORDERS**

- A. Allowance Adjustment: See Section 01 21 00 "Allowances" for administrative procedures for preparation of Change Order Proposal for adjusting the Contract Sum to reflect actual costs of allowances.
- B. Unit-Price Adjustment: See Section 01 22 00 "Unit Prices" for administrative procedures for preparation of Change Order Proposal for adjusting the Contract Sum to reflect measured scope of unit-price work.

## **1.6 CHANGE ORDER PROCEDURES**

- A. On Owner's approval of a Work Change Proposal Request, Architect will issue a Change Order for signatures of Owner and Contractor on AIA Document G701.

## **1.7 CONSTRUCTION CHANGE DIRECTIVE**

- A. Construction Change Directive: Architect may issue a Construction Change Directive on AIA Document G714. Construction Change Directive instructs Contractor to proceed with a change in the Work, for subsequent inclusion in a Change Order.
  1. Construction Change Directive contains a complete description of change in the Work. It also designates method to be followed to determine change in the Contract Sum or the Contract Time.
- B. Documentation: Maintain detailed records on a time and material basis of work required by the Construction Change Directive.
  1. After completion of change, submit an itemized account and supporting data necessary to substantiate cost and time adjustments to the Contract.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 - EXECUTION (Not Used)**

## **END OF SECTION 01 26 00**



## SECTION 01 29 00 - PAYMENT PROCEDURES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements necessary to prepare and process Applications for Payment.
- B. Related Requirements:
  - 1. Section 01 21 00 "Allowances" for procedural requirements governing the handling and processing of allowances.
  - 2. Section 01 22 00 "Unit Prices" for administrative requirements governing the use of unit prices.
  - 3. Section 01 26 00 "Contract Modification Procedures" for administrative procedures for handling changes to the Contract.
  - 4. Section 01 32 00 "Construction Progress Documentation" for administrative requirements governing the preparation and submittal of the Contractor's construction schedule.

#### 1.2 DEFINITIONS

- A. Schedule of Values: A statement furnished by Contractor allocating portions of the Contract Sum to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

#### 1.3 SUBMITTAL PROCEDURES

- A. Prepare schedule of values and Applications for Payment as PDF electronic files and upload to web-based Project software website specifically established for project. Enter required data in web-based software site to fully identify submittal.

#### 1.4 SCHEDULE OF VALUES

- A. Coordination: Coordinate preparation of the schedule of values with preparation of Contractor's construction schedule.
  - 1. Coordinate line items in the schedule of values with items required to be indicated as separate activities in Contractor's construction schedule.
  - 2. Submit the schedule of values to Architect at earliest possible date, but no later than seven days before the date scheduled for submittal of initial Applications for Payment.
  - 3. Subschedules for Separate Elements of Work: Where the Contractor's construction schedule defines separate elements of the Work, provide subschedules showing values coordinated with each element.
- B. Format and Content: Use Project Manual table of contents as a guide to establish line items for the schedule of values. Provide at least one line item for each Specification Section.
  - 1. Identification: Include the following Project identification on the schedule of values:
    - a. Project name and location.
    - b. Owner's name.
    - c. Name of Architect.
    - d. Architect's Project number.
    - e. Contractor's name and address.
    - f. Date of submittal.
  - 2. Arrange schedule of values consistent with format of AIA Document G703.
  - 3. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Provide multiple line items for principal subcontract amounts in excess of five percent of the Contract Sum.
  - 4. Round amounts to nearest whole dollar; total shall equal the Contract Sum.



5. Provide a separate line item in the schedule of values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.
  - a. Differentiate between items stored on-site and items stored off-site.
6. Allowances: Provide a separate line item in the schedule of values for each allowance. Show line-item value of unit-cost allowances, as a product of the unit cost, multiplied by measured quantity. Use information indicated in the Contract Documents to determine quantities.
7. Overhead Costs: Show cost of temporary facilities and other major cost items that are not direct cost of actual work-in-place as separate line items.
8. Schedule of Values Revisions: Revise the schedule of values when Change Orders or Construction Change Directives result in a change in the Contract Sum. Include at least one separate line item for each Change Order and Construction Change Directive.

## 1.5 APPLICATIONS FOR PAYMENT

- A. Each Application for Payment following the initial Application for Payment shall be consistent with previous applications and payments as certified by Architect and paid for by Owner.
- B. Payment Application Times: The date for each progress payment is indicated in the Agreement between Owner and Contractor. The period of construction work covered by each Application for Payment is the period indicated in the Agreement.
- C. Application for Payment Forms: Use AIA Document G702 and AIA Document G703 as form for Applications for Payment.
  1. Other Application for Payment forms proposed by the Contractor shall be acceptable to Architect and Owner. Submit forms for approval with initial submittal of schedule of values.
- D. Application Preparation: Complete every entry on form. Notarize and execute by a person authorized to sign legal documents on behalf of Contractor. Architect will return incomplete applications without action.
  1. Entries shall match data on the schedule of values and Contractor's construction schedule. Use updated schedules if revisions were made.
  2. Include amounts for work completed following previous Application for Payment, whether or not payment has been received. Include only amounts for work completed at time of Application for Payment.
  3. Include amounts of Change Orders and Construction Change Directives issued before last day of construction period covered by application.
  4. Indicate separate amounts for work being carried out under Owner-requested project acceleration.
- E. Stored Materials: Include in Application for Payment amounts applied for materials or equipment purchased or fabricated and stored, but not yet installed. Differentiate between items stored on-site and items stored off-site.
  1. Provide name and location of storage facility, detailed list of stored materials, certificate of insurance, evidence of transfer of title to Owner, and consent of surety to payment for stored materials.
  2. Provide supporting documentation that verifies amount requested, such as paid invoices. Match amount requested with amounts indicated on documentation; do not include overhead and profit on stored materials.
  3. Provide summary documentation for stored materials indicating the following:
    - a. Value of materials previously stored and remaining stored as of date of previous Applications for Payment.
    - b. Value of previously stored materials put in place after date of previous Application for Payment and on or before date of current Application for Payment.
    - c. Value of materials stored since date of previous Application for Payment and remaining stored as of date of current Application for Payment.



- F. Transmittal: Submit PDF electronic file of signed and notarized original copy of each Application for Payment to Architect via electronic transmission procedure established for Project. Include waivers of lien and similar attachments if required.
1. Transmit each copy with a transmittal form listing attachments and recording appropriate information about application.
- G. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of first Application for Payment include the following:
1. List of subcontractors.
  2. Schedule of values.
  3. Contractor's construction schedule (preliminary if not final).
  4. Products list (preliminary if not final).
  5. Schedule of unit prices.
  6. Submittal schedule (preliminary if not final).
  7. List of Contractor's staff assignments.
  8. List of Contractor's principal consultants.
  9. Copies of building permits.
  10. Initial progress report.
  11. Report of preconstruction conference.
  12. Certificates of insurance and insurance policies (submit with executed Agreement).
  13. Performance and payment bonds (submit with executed Agreement).
- H. Application for Payment at Substantial Completion: After Architect issues the Certificate of Substantial Completion, submit an Application for Payment showing 100 percent completion for portion of the Work claimed as substantially complete.
1. Include documentation supporting claim that the Work is substantially complete and a statement showing an accounting of changes to the Contract Sum.
    - a. Complete administrative actions, submittals, and Work preceding this application, as described in Section 01 77 00 "Closeout Procedures."
  2. This application shall reflect Certificate(s) of Substantial Completion issued previously for Owner occupancy of designated portions of the Work.
- I. Final Payment Application: After completing Project closeout requirements, submit final Application for Payment with releases and supporting documentation not previously submitted and accepted, including, but not limited, to the following:
1. Evidence of completion of Project closeout requirements.
  2. Insurance certificates for products and completed operations where required and proof that taxes, fees, and similar obligations were paid.
  3. Updated final statement, accounting for final changes to the Contract Sum.
  4. AIA Document G706.
  5. AIA Document G706A.
  6. AIA Document G707.
  7. Evidence that claims have been settled.
  8. Final meter readings for utilities, a measured record of stored fuel, and similar data as of date of Substantial Completion or when Owner took possession of and assumed responsibility for corresponding elements of the Work.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 - EXECUTION (Not Used)**

## **END OF SECTION 01 29 00**



## SECTION 01 31 00 - PROJECT MANAGEMENT AND COORDINATION

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative provisions for coordinating construction operations on Project including, but not limited to, the following:
  - 1. General coordination procedures.
  - 2. Coordination drawings.
  - 3. RFIs.
  - 4. Digital project management procedures.
  - 5. Project meetings.
- B. Related Requirements:
  - 1. Section 01 32 00 "Construction Progress Documentation" for preparing and submitting Contractor's construction schedule.
  - 2. Section 01 73 00 "Execution" for procedures for coordinating general installation and field-engineering services, including establishment of benchmarks and control points.
  - 3. Section 01 77 00 "Closeout Procedures" for coordinating closeout of the Contract.

#### 1.2 DEFINITIONS

- A. BIM: Building Information Modeling.
- B. RFI: Request for Information. Request from Owner, Architect, or Contractor seeking information required by or clarifications of the Contract Documents.

#### 1.3 SUBMITTAL PROCEDURES

- A. Prepare submittals and other documents required by this Section as PDF electronic files and upload to web-based Project software website specifically established for project. Enter required data in web-based software site to fully identify submittal.

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Subcontract List: Prepare a written summary identifying individuals or firms proposed for each portion of the Work, including those who are to furnish products or equipment fabricated to a special design. Include the following information in tabular form:
  - 1. Name, address, telephone number, and email address of entity performing subcontract or supplying products.
  - 2. Number and title of related Specification Section(s) covered by subcontract.
  - 3. Drawing number and detail references, as appropriate, covered by subcontract.
- B. Key Personnel Names: Within 15 days of starting construction operations, submit a list of key personnel assignments, including superintendent and other personnel in attendance at Project site. Identify individuals and their duties and responsibilities; list addresses and cellular telephone numbers and e-mail addresses. Provide names, addresses, and telephone numbers of individuals assigned as alternates in the absence of individuals assigned to Project.
  - 1. Post copies of list in project meeting room and temporary field office. Keep list current at all times.

#### 1.5 GENERAL COORDINATION PROCEDURES

- A. Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work. Coordinate



construction operations included in different Sections that depend on each other for proper installation, connection, and operation.

1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.
  2. Coordinate installation of different components to ensure maximum performance and accessibility for required maintenance, service, and repair.
  3. Make adequate provisions to accommodate items scheduled for later installation.
- B. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities to avoid conflicts and to ensure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:
1. Preparation of Contractor's construction schedule.
  2. Preparation of the schedule of values.
  3. Installation and removal of temporary facilities and controls.
  4. Delivery and processing of submittals.
  5. Progress meetings.
  6. Preinstallation conferences.
  7. Project closeout activities.
  8. Startup and adjustment of systems.

## 1.6 COORDINATION DRAWINGS

- A. Coordination Drawings, General: Prepare coordination drawings according to requirements in individual Sections, and additionally where installation is not completely indicated on Shop Drawings, where limited space availability necessitates coordination, or if coordination is required to facilitate integration of products and materials fabricated or installed by more than one entity.
1. Content: Project-specific information, drawn accurately to a scale large enough to indicate and resolve conflicts. Do not base coordination drawings on standard printed data. Include the following information, as applicable:
    - a. Use applicable Drawings as a basis for preparation of coordination drawings. Prepare sections, elevations, and details as needed to describe relationship of various systems and components.
    - b. Coordinate the addition of trade-specific information to coordination drawings by multiple contractors in a sequence that best provides for coordination of the information and resolution of conflicts between installed components before submitting for review.
    - c. Indicate functional and spatial relationships of components of architectural, structural, civil, mechanical, and electrical systems.
    - d. Indicate space requirements for routine maintenance and for anticipated replacement of components during the life of the installation.
    - e. Show location and size of access doors required for access to concealed dampers, valves, and other controls.
    - f. Indicate required installation sequences.
    - g. Indicate dimensions shown on Drawings. Specifically note dimensions that appear to be in conflict with submitted equipment and minimum clearance requirements. Provide alternative sketches to Architect indicating proposed resolution of such conflicts. Minor dimension changes and difficult installations will not be considered changes to the Contract.
- B. Coordination Drawing Organization: Organize coordination drawings as follows:
1. Floor Plans and Reflected Ceiling Plans: Show architectural and structural elements, and mechanical, plumbing, fire-protection, fire-alarm, and electrical Work. Show locations of visible ceiling-mounted devices relative to acoustical ceiling grid. Supplement plan drawings with section drawings where required to adequately represent the Work.
  2. Plenum Space: Indicate subframing for support of ceiling and wall systems, mechanical and electrical equipment, and related Work. Locate components within plenums to



- accommodate layout of light fixtures and other components indicated on Drawings. Indicate areas of conflict between light fixtures and other components.
3. Mechanical Rooms: Provide coordination drawings for mechanical rooms showing plans and elevations of mechanical, plumbing, fire-protection, fire-alarm, and electrical equipment.
  4. Structural Penetrations: Indicate penetrations and openings required for all disciplines.
  5. Slab Edge and Embedded Items: Indicate slab edge locations and sizes and locations of embedded items for metal fabrications, sleeves, anchor bolts, bearing plates, angles, door floor closers, slab depressions for floor finishes, curbs and housekeeping pads, and similar items.
  6. Mechanical and Plumbing Work: Show the following:
    - a. Sizes and bottom elevations of ductwork, piping, and conduit runs, including insulation, bracing, flanges, and support systems.
    - b. Dimensions of major components, such as dampers, valves, diffusers, access doors, cleanouts and electrical distribution equipment.
    - c. Fire-rated enclosures around ductwork.
  7. Electrical Work: Show the following:
    - a. Runs of vertical and horizontal conduit 1-1/4 inches in diameter and larger.
    - b. Light fixture, exit light, emergency battery pack, smoke detector, and other fire-alarm locations.
    - c. Panel board, switch board, switchgear, transformer, busway, generator, and motor-control center locations.
    - d. Location of pull boxes and junction boxes, dimensioned from column center lines.
  8. Fire-Protection System: Show the following:
    - a. Locations of standpipes, mains piping, branch lines, pipe drops, and sprinkler heads.
  9. Review: Architect will review coordination drawings to confirm that in general the Work is being coordinated, but not for the details of the coordination, which are Contractor's responsibility. If Architect determines that coordination drawings are not being prepared in sufficient scope or detail, or are otherwise deficient, Architect will so inform Contractor, who shall make suitable modifications and resubmit.
  10. Coordination Drawing Prints: Prepare coordination drawing prints according to requirements in Section 01 33 00 "Submittal Procedures."

## 1.7 REQUEST FOR INFORMATION (RFI)

- A. General: Immediately on discovery of the need for additional information, clarification, or interpretation of the Contract Documents, Contractor shall prepare and submit an RFI in the form specified.
  1. Architect will return without response those RFIs submitted to Architect by other entities controlled by Contractor.
  2. Coordinate and submit RFIs in a prompt manner so as to avoid delays in Contractor's work or work of subcontractors.
- B. Content of the RFI: Include a detailed, legible description of item needing information or interpretation and the following:
  1. Project name.
  2. Owner name.
  3. Project number.
  4. Date.
  5. Name of Contractor.
  6. Name of Architect.
  7. RFI number, numbered sequentially.
  8. RFI subject.
  9. Specification Section number and title and related paragraphs, as appropriate.
  10. Drawing number and detail references, as appropriate.
  11. Field dimensions and conditions, as appropriate.
  12. Contractor's suggested resolution. If Contractor's suggested resolution impacts the Contract Time or the Contract Sum, Contractor shall state impact in the RFI.



13. Contractor's signature.
14. Attachments: Include sketches, descriptions, measurements, photos, Product Data, Shop Drawings, coordination drawings, and other information necessary to fully describe items needing interpretation.
  - a. Include dimensions, thicknesses, structural grid references, and details of affected materials, assemblies, and attachments on attached sketches.
- C. RFI Forms: Software-generated form with substantially the same content as indicated above, acceptable to Architect.
  1. Attachments shall be electronic files in PDF format.
- D. Architect's Action: Architect will review each RFI, determine action required, and respond.
  1. The following Contractor-generated RFIs will be returned without action:
    - a. Requests for approval of submittals.
    - b. Requests for approval of substitutions.
    - c. Requests for approval of Contractor's means and methods.
    - d. Requests for coordination information already indicated in the Contract Documents.
    - e. Requests for adjustments in the Contract Time or the Contract Sum.
    - f. Requests for interpretation of Architect's actions on submittals.
    - g. Incomplete RFIs or inaccurately prepared RFIs.
  2. Architect's action may include a request for additional information, in which case Contractor shall promptly respond. Architect's response may be withheld until additional contractor information is provided.
  3. Architect's action on RFIs does not authorize a change to the Contract Time or the Contract Sum.
    - a. If Contractor believes the RFI response warrants change in the Contract Time or the Contract Sum, notify Architect in writing within 7 days of receipt of the RFI response and submit Change Proposal according to Division 01 Section "Contract Modification Procedures."
    - b. No change to the Contract Documents impacting cost or time shall proceed unless directed by a fully executed contract change document.
- E. RFI Log: Prepare, maintain, and submit a tabular log of RFIs organized by the RFI number. Submit log weekly. Software log with not less than the following:
  1. Project name.
  2. Name and address of Contractor.
  3. Name and address of Architect.
  4. RFI number including RFIs that were returned without action or withdrawn.
  5. RFI description.
  6. Date the RFI was submitted.
  7. Date Architect's response was received.
- F. On receipt of Architect's action, update the RFI log and immediately distribute the RFI response to affected parties. Review response and notify Architect within seven days if Contractor disagrees with response.

## 1.8 DIGITAL PROJECT MANAGEMENT PROCEDURES

- A. Use of Architect's Digital Data Files: Digital data files of Architect's BIM model will be provided by Architect for Contractor's use during construction.
  1. Digital data files may be used by Contractor in preparing coordination drawings, Shop Drawings, and Project record Drawings.
  2. Architect makes no representations as to the accuracy or completeness of digital data files as they relate to Contract Drawings.
  3. Contractor shall execute a data licensing agreement in the form of AIA Document C106-2013, Digital Data Licensing Agreement included in Project Manual following this Section.



4. Subcontractors, and other parties granted access by Contractor to Architect's digital data files shall execute a data licensing agreement in the form of Agreement included in this Project Manual.
- B. Web-Based Project Software: Provide, administer, and use web-based Project software site for purposes of hosting and managing Project communication and documentation until Final Completion.
1. Web-based Project software site includes, at a minimum, the following features:
    - a. Compilation of Project data, including Contractor, subcontractors, Architect, architect's consultants, Owner, and other entities involved in Project. Include names of individuals and contact information.
    - b. Access control for each entity for each workflow process, to determine entity's digital rights to create, modify, view, and print documents.
    - c. Document workflow planning, allowing customization of workflow between project entities.
    - d. Creation, logging, tracking, and notification for Project communications required in other Specification Sections, including, but not limited to, RFIs, submittals, Minor Changes in the Work, Construction Change Directives, and Change Orders.
    - e. Track status of each Project communication in real time, and log time and date when responses are provided.
    - f. Procedures for handling PDFs or similar file formats, allowing markups by each entity. Provide security features to lock markups against changes once submitted.
    - g. Processing and tracking of payment applications.
    - h. Processing and tracking of contract modifications.
    - i. Creating and distributing meeting minutes.
    - j. Document management for Drawings, Specifications, and coordination drawings, including revision control.
    - k. Management of construction progress photographs.
    - l. Mobile device compatibility, including smartphones and tablets.
  2. Provide unlimited number of web-based Project software user licenses for use of Owner, Owner's Commissioning Authority, Architect, and Architect's consultants. Provide software training for web-based Project software users.
  3. At completion of Project, provide digital archive in format that is readable by common desktop software applications in format acceptable to Architect. Provide data in locked format to prevent further changes.
- C. PDF Document Preparation: Where PDFs are required to be submitted to Architect, prepare as follows:
1. Assemble complete submittal package into a single indexed file incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
  2. Name file with submittal number or other unique identifier, including revision identifier.
  3. Certifications: Where digitally submitted certificates and certifications are required, provide a digital signature with digital certificate on where indicated.

## 1.9 PROJECT MEETINGS

- A. General: Schedule and conduct meetings and conferences at Project site unless otherwise indicated.
1. Attendees: Inform participants and others involved, and individuals whose presence is required, of date and time of each meeting. Notify Owner and Architect of scheduled meeting dates and times a minimum of 10 working days prior to meeting.
  2. Agenda: Prepare the meeting agenda. Distribute the agenda to all invited attendees.
  3. Minutes: Entity responsible for conducting meeting will record significant discussions and agreements achieved. Distribute the meeting minutes to everyone concerned, including Owner and Architect, within three days of the meeting.



- B. Preconstruction Conference: Schedule and conduct a preconstruction conference before starting construction, at a time convenient to Owner and Architect, but no later than 15 days after execution of the Agreement.
1. Attendees: Authorized representatives of Owner, Owner's Commissioning Authority, Architect, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the conference. Participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
  2. Agenda: Discuss items of significance that could affect progress, including the following:
    - a. Responsibilities and personnel assignments.
    - b. Tentative construction schedule.
    - c. Phasing.
    - d. Critical work sequencing and long lead items.
    - e. Designation of key personnel and their duties.
    - f. Lines of communications.
    - g. Use of web-based Project software.
    - h. Procedures for processing field decisions and Change Orders.
    - i. Procedures for RFIs.
    - j. Procedures for testing and inspecting.
    - k. Procedures for processing Applications for Payment.
    - l. Distribution of executed Agreement, bonds and insurance certificates.
    - m. Distribution of the Contract Documents.
    - n. Submittal procedures.
    - o. Preparation of Record Documents.
    - p. Use of the premises.
    - q. Work restrictions.
    - r. Working hours.
    - s. Owner's occupancy requirements.
    - t. Responsibility for temporary facilities and controls.
    - u. Procedures for moisture and mold control.
    - v. Procedures for disruptions and shutdowns.
    - w. Construction waste management and recycling.
    - x. Parking availability.
    - y. Office, work, and storage areas.
    - z. Equipment deliveries and priorities.
    - aa. First aid.
    - bb. Security.
    - cc. Progress cleaning.
  3. Minutes: Entity responsible for conducting meeting will record and distribute meeting minutes.
- C. Preinstallation Conferences: Conduct a preinstallation conference at Project site before each construction activity when required by other sections and when required for coordination with other construction.
1. Attendees: Installer and representatives of manufacturers and fabricators involved in or affected by the installation and its coordination or integration with other materials and installations that have preceded or will follow, shall attend the meeting. Advise Architect, and Owner's Commissioning Authority of scheduled meeting dates.
  2. Agenda: Review progress of other construction activities and preparations for the particular activity under consideration, including requirements for the following:
    - a. Contract Documents.
    - b. Options.
    - c. Related RFIs.
    - d. Related Change Orders.
    - e. Purchases.
    - f. Deliveries.
    - g. Submittals.
    - h. Review of mockups.
    - i. Possible conflicts.



- j. Compatibility requirements.
  - k. Time schedules.
  - l. Weather limitations.
  - m. Manufacturer's written instructions.
  - n. Warranty requirements.
  - o. Compatibility of materials.
  - p. Acceptability of substrates.
  - q. Temporary facilities and controls.
  - r. Space and access limitations.
  - s. Regulations of authorities having jurisdiction.
  - t. Testing and inspecting requirements.
  - u. Installation procedures.
  - v. Coordination with other work.
  - w. Required performance results.
  - x. Protection of adjacent work.
  - y. Protection of construction and personnel.
- 3. Record significant conference discussions, agreements, and disagreements, including required corrective measures and actions.
  - 4. Reporting: Distribute minutes of the meeting to each party present and to other parties requiring information.
  - 5. Do not proceed with installation if the conference cannot be successfully concluded. Initiate whatever actions are necessary to resolve impediments to performance of the Work and reconvene the conference at earliest feasible date.
- D. Project Closeout Conference: Schedule and conduct a project closeout conference, at a time convenient to Owner and Architect, but no later than 60 days prior to the scheduled date of Substantial Completion.
- 1. Conduct the conference to review requirements and responsibilities related to Project closeout.
  - 2. Attendees: Authorized representatives of Owner, Owner's Commissioning Authority, Architect, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the meeting. Participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work.
  - 3. Agenda: Discuss items of significance that could affect or delay Project closeout, including the following:
    - a. Preparation of Record Documents.
    - b. Procedures required prior to inspection for Substantial Completion and for final inspection for acceptance.
    - c. Procedures for completing and archiving web-based Project software site data files.
    - d. Submittal of written warranties.
    - e. Requirements for preparing operations and maintenance data.
    - f. Requirements for delivery of material samples, attic stock, and spare parts.
    - g. Requirements for demonstration and training.
    - h. Preparation of Contractor's punch list.
    - i. Procedures for processing Applications for Payment at Substantial Completion and for final payment.
    - j. Submittal procedures.
    - k. Coordination of separate contracts.
    - l. Owner's partial occupancy requirements.
    - m. Installation of Owner's furniture, fixtures, and equipment.
    - n. Responsibility for removing temporary facilities and controls.
  - 4. Minutes: Entity conducting meeting will record and distribute meeting minutes.
- E. Progress Meetings: Conduct progress meetings at monthly intervals.
- 1. Coordinate dates of meetings with preparation of payment requests.
  - 2. Attendees: In addition to representatives of Owner, Owner's Commissioning Authority and Architect, each contractor, subcontractor, supplier, and other entity concerned with



current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work.

3. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
  - a. Contractor's Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Contractor's construction schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
    - 1) Review schedule for next period.
  - b. Review present and future needs of each entity present, including the following:
    - 1) Interface requirements.
    - 2) Sequence of operations.
    - 3) Status of submittals.
    - 4) Deliveries.
    - 5) Off-site fabrication.
    - 6) Access.
    - 7) Site use.
    - 8) Temporary facilities and controls.
    - 9) Progress cleaning.
    - 10) Quality and work standards.
    - 11) Status of correction of deficient items.
    - 12) Field observations.
    - 13) Status of RFIs.
    - 14) Status of Proposal Requests.
    - 15) Pending changes.
    - 16) Status of Change Orders.
    - 17) Pending claims and disputes.
    - 18) Documentation of information for payment requests.
4. Minutes: Entity responsible for conducting the meeting will record and distribute the meeting minutes to each party present and to parties requiring information.
  - a. Schedule Updating: Revise Contractor's construction schedule after each progress meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with the report of each meeting.

F. Coordination Meetings: Conduct Project coordination meetings at weekly intervals. Project coordination meetings are in addition to specific meetings held for other purposes, such as progress meetings and preinstallation conferences.

1. Attendees: In addition to representatives of each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the meetings shall be familiar with Project and authorized to conclude matters relating to the Work.
2. Agenda: Review and correct or approve minutes of the previous coordination meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
  - a. Construction Schedule: Review progress since the last coordination meeting. Determine whether the Work is on time, ahead of schedule, or behind schedule, in relation to construction schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
  - b. Schedule Updating: Revise combined Contractor's construction schedule after each coordination meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with report of each meeting.



- c. Review present and future needs of each contractor present, including the following:
  - 1) Interface requirements.
  - 2) Sequence of operations.
  - 3) Status of submittals.
  - 4) Deliveries.
  - 5) Off-site fabrication.
  - 6) Access.
  - 7) Site use.
  - 8) Temporary facilities and controls.
  - 9) Work hours.
  - 10) Hazards and risks.
  - 11) Progress cleaning.
  - 12) Quality and work standards.
  - 13) Status of RFIs.
  - 14) Proposal Requests.
  - 15) Change Orders.
  - 16) Pending changes.
- 3. Reporting: Record meeting results and distribute copies to everyone in attendance and to others affected by decisions or actions resulting from each meeting.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 31 00**



# AIA Document C106™ – 2013

## Digital Data Licensing Agreement

AGREEMENT made as of the ??? day of ??? in the year ???  
(In words, indicate day, month and year.)

BETWEEN the Party transmitting Digital Data (“Transmitting Party”):  
(Name, address and contact information, including electronic addresses)

RDG Planning and Design  
301 Grand Avenue  
Des Moines, IA 50309  
Phone Number: 515.288.3141  
Electronic Address: desmoines@rdgusa.com

and the Party receiving the Digital Data (“Receiving Party”):  
(Name, address and contact information, including electronic addresses)

Company  
Address  
City-State-Zip  
Phone Number: ???  
Electronic Address: ???

For the following Project:  
(Name and location or address)

Project name  
Location

The Transmitting Party and Receiving Party agree as follows.

### TABLE OF ARTICLES

- 1 GENERAL PROVISIONS
- 2 TRANSMISSION OF DIGITAL DATA
- 3 LICENSE CONDITIONS
- 4 LICENSING FEE OR OTHER COMPENSATION
- 5 DIGITAL DATA



## ARTICLE 1 GENERAL PROVISIONS

§ 1.1 The purpose of this Agreement is to grant a license from the Transmitting Party to the Receiving Party for the Receiving Party's use of Digital Data on the Project, and to set forth the license terms.

§ 1.2 This Agreement is the entire and integrated agreement between the parties. Except as specifically set forth herein, this Agreement does not create any other contractual relationship between the parties.

§ 1.3 For purposes of this Agreement, the term Digital Data is defined to include only those items identified in Article 5 below.

§ 1.3.1 Confidential Digital Data is defined as Digital Data containing confidential or business proprietary information that the Transmitting Party designates and clearly marks as "confidential."

## ARTICLE 2 TRANSMISSION OF DIGITAL DATA

§ 2.1 The Transmitting Party grants to the Receiving Party a nonexclusive limited license to use the Digital Data identified in Article 5 solely and exclusively to perform services for, or construction of, the Project in accordance with the terms and conditions set forth in this Agreement.

§ 2.2 The transmission of Digital Data constitutes a warranty by the Transmitting Party to the Receiving Party that the Transmitting Party is the copyright owner of the Digital Data, or otherwise has permission to transmit the Digital Data to the Receiving Party for its use on the Project in accordance with the terms and conditions of this Agreement.

§ 2.3 If the Transmitting Party transmits Confidential Digital Data, the transmission of such Confidential Digital Data constitutes a warranty to the Receiving Party that the Transmitting Party is authorized to transmit the Confidential Digital Data. If the Receiving Party receives Confidential Digital Data, the Receiving Party shall keep the Confidential Digital Data strictly confidential and shall not disclose it to any other person or entity except as set forth in Section 2.3.1.

§ 2.3.1 The Receiving Party may disclose the Confidential Digital Data as required by law or court order, including a subpoena or other form of compulsory legal process issued by a court or governmental entity. The Receiving Party may also disclose the Confidential Digital Data to its employees, consultants or contractors in order to perform services or work solely and exclusively for the Project, provided those employees, consultants and contractors are subject to the restrictions on the disclosure and use of Confidential Digital Data as set forth in this Agreement.

§ 2.4 The Transmitting Party retains its rights in the Digital Data. By transmitting the Digital Data, the Transmitting Party does not grant to the Receiving Party an assignment of those rights; nor does the Transmitting Party convey to the Receiving Party any right in the software used to generate the Digital Data.

§ 2.5 To the fullest extent permitted by law, the Receiving Party shall indemnify and defend the Transmitting Party from and against all claims arising from or related to the Receiving Party's modification to, or unlicensed use of, the Digital Data.

## ARTICLE 3 LICENSE CONDITIONS

The parties agree to the following conditions on the limited license granted in Section 2.1:

*(State below rights or restrictions applicable to the Receiving Party's use of the Digital Data, requirements for data format, transmission method or other conditions on data to be transmitted.)*

§ 3.1 Digital Data contained in these electronic files at the time of transfer, are part of RDG's Instruments of Service, and RDG shall be deemed the author and owner of its Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights.

§ 3.2 These electronic files are being provided to Receiving Party for informational purposes only and shall be used by Receiving Party, and anyone receiving them through Receiving Party, solely as a convenience in performing Work for this project. Any other use or reuse by Receiving Party or others is strictly prohibited except for the following:

§ 3.2.1 The Landscape Architectural Digital Data file, when transmitted, may be used for horizontal layout purposes and earthwork quantity take-off. Architectural and Engineering Digital Data files may not be used for this purpose.

§ 3.3 This Digital Data is not Contract Documents and therefore may not represent revisions made by addenda, construction phase changes, or subsequent changes after transmission. This data does not assure as-constructed conditions.



If differences or conflicts exist between digital data and hard-copy project or Contract Documents, the hard-copy project or Contract Documents and subsequent Contract Document changes shall govern.

§ 3.4 Use of this Digital Data does not relieve Receiving Party of its duty to fully comply with the Contract Documents.

§ 3.5 Digital Data may be shared by Receiving Party with other third parties for use on this project only under the same licenses conditions. Receiving Party may only share with full notice of these license conditions and separate third party license agreements.

§ 3.6 Use of this Digital Data is at the sole risk of the using Party and is without liability, risk or legal exposure to RDG.

§ 3.7 RDG makes no representation or warranty, either expressed or implied as to the Digital Data's accuracy or suitability for any specific purpose. Use of this Digital Data is at the sole risk of the using Party and is without liability, risk or legal exposure to RDG.

§ 3.8 Under no circumstances shall delivery of this Digital Data for use by Receiving Party be deemed a sale by Transmitting Party and Transmitting Party makes no warranties, either express or implied, of merchantability and fitness for any purpose.

#### ARTICLE 4 LICENSING FEE OR OTHER COMPENSATION

The Receiving Party agrees to pay the Transmitting Party the following fee or other compensation for the Receiving Party's use of the Digital Data:

*(State the fee, in dollars, or other method by which the Receiving Party will compensate the Transmitting Party for the Receiving Party's use of the Digital Data.)*

#### ARTICLE 5 DIGITAL DATA

The Parties agree that the following items constitute the Digital Data subject to the license granted in Section 2.1:  
*(Identify below, in detail, the information created or stored in digital form the parties intend to be subject to this Agreement.)*

Digital Data Name	File Date	File Size	Software Version
File Name	???	??? KB	Autodesk Revit 2022

This Agreement is entered into as of the day and year first written above and will terminate upon Substantial Completion of the Project, as that term is defined in AIA Document A201™-2007, General Conditions of the Contract for Construction, unless otherwise agreed by the parties and set forth below.

*(Indicate when this Agreement will terminate, if other than the date of Substantial Completion.)*

NA

#### TRANSMITTING PARTY

*(Signature)*

???

???

*(Printed name and title)*

#### RECEIVING PARTY

*(Signature)*

???

???

*(Printed name and title)*



## SECTION 01 32 00 - CONSTRUCTION PROGRESS DOCUMENTATION

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for documenting the progress of construction during performance of the Work, including the following:
  1. Contractor's Construction Schedule.
  2. Site condition reports.
  3. Unusual event reports.

#### 1.2 SUBMITTAL PROCEDURES

- A. Prepare construction schedules, site condition reports, and special reports as PDF electronic files and upload to web-based Project software website specifically established for project. Enter required data in web-based software site to fully identify submittal.

#### 1.3 COORDINATION

- A. Coordinate Contractor's Construction Schedule with the schedule of values, list of subcontracts, submittal schedule, progress reports, payment requests, and other required schedules and reports.
  1. Secure time commitments for performing critical elements of the Work from entities involved.
  2. Coordinate each construction activity in the network with other activities and schedule them in proper sequence.

#### 1.4 CONTRACTOR'S CONSTRUCTION SCHEDULE

- A. Time Frame: Extend schedule from date established for the Notice to Proceed to date of final completion.
  1. Contract completion date shall not be changed by submission of a schedule that shows an early completion date, unless specifically authorized by Change Order.
- B. Activities: Treat each floor or separate area as a separate numbered activity for each main element of the Work. Comply with the following:
  1. Activity Duration: Define activities so no activity is longer than 20 days, unless specifically allowed by Architect.
  2. Indicate start and completion dates for the following as applicable:
    - a. Securing of approvals and permits required for performance of the Work.
    - b. Temporary facilities.
    - c. Construction of mock-ups, prototypes and samples.
    - d. Owner interfaces and furnishing of items.
    - e. Interfaces with Separate Contracts.
    - f. Regulatory agency approvals.
    - g. Contractor's punch list.
    - h. Owner's/Architect's punch list.
  3. Long Lead-Time Procurement Activities: Include procurement process activities for major items requiring a cycle of more than 60 days as separate activities in schedule. Procurement cycle activities include, but are not limited to, submittals, approvals, purchasing, fabrication, and delivery.
  4. Submittal Review Time: Include review and resubmittal times indicated in Section 01 33 00 "Submittal Procedures" in schedule. Coordinate submittal review times in Contractor's Construction Schedule with submittal schedule.
  5. Startup and Testing Time: Include no fewer than 15 days for startup and testing.
  6. Commissioning Time: Include no fewer than 15 days for commissioning.



7. Substantial Completion: Indicate completion in advance of date established for Substantial Completion and allow time for Architect's administrative procedures necessary for certification of Substantial Completion.
  8. Punch List and Final Completion: Include not more than 30 days for completion of punch list items and final completion.
- C. Mock-ups: Indicate dates for completion of all mock-ups and the review time to obtain approval. Do not begin work represented by the mock-up until the mock-up is approved. List as part of the critical path for the work.
- D. Milestones: Include milestones indicated in the Contract Documents in schedule, including, but not limited to, the Notice to Proceed, Substantial Completion, and final completion, and the following interim milestones:
1. Structural completion.
  2. Temporary enclosure and space conditioning.
  3. Commissioning of major MEP systems.
- E. Upcoming Work Summary: Prepare summary report indicating activities scheduled to occur or commence prior to submittal of next schedule update. Summarize the following issues:
1. Unresolved issues.
  2. Unanswered Requests for Information.
  3. Rejected or unreturned submittals.
  4. Notations on returned submittals.
  5. Pending modifications affecting the Work and the Contract Time.
- F. Contractor's Construction Schedule Updating: At monthly intervals, update schedule to reflect actual construction progress and activities. Issue schedule one week before each regularly scheduled progress meeting.
1. Revise schedule immediately after each meeting or other activity where revisions have been recognized or made. Issue updated schedule concurrently with the report of each such meeting.
  2. Include a report with updated schedule that indicates every change, including, but not limited to, changes in logic, durations, actual starts and finishes, and activity durations.
  3. As the Work progresses, indicate final completion percentage for each activity.
- G. Recovery Schedule: When periodic update indicates the Work is 14 or more calendar days behind the current approved schedule, submit a separate recovery schedule indicating means by which Contractor intends to regain compliance with the schedule. Indicate changes to working hours, working days, crew sizes, equipment required to achieve compliance, and date by which recovery will be accomplished.
- H. Distribution: Distribute copies of approved schedule to Architect Owner, separate contractors, testing and inspecting agencies, and other parties identified by Contractor with a need-to-know schedule responsibility.
1. Post copies in Project meeting rooms and temporary field offices.
  2. When revisions are made, distribute updated schedules to the same parties and post in the same locations. Delete parties from distribution when they have completed their assigned portion of the Work and are no longer involved in performance of construction activities.

## 1.5 GANTT-CHART SCHEDULE REQUIREMENTS

- A. Computer Scheduling Software: Prepare schedules using current version of a program that has been developed specifically to manage construction schedules.
- B. Gantt-Chart Schedule: Submit a comprehensive, fully developed, horizontal, Gantt-chart-type, Contractor's Construction Schedule.



- C. Preparation: Indicate each significant construction activity separately. Identify first workday of each week with a continuous vertical line.

## **1.6 REPORTS**

- A. Site Condition Reports: Immediately on discovery of a difference between site conditions and the Contract Documents, prepare and submit a detailed report. Submit with a Request for Information. Include a detailed description of the differing conditions, together with recommendations for changing the Contract Documents.
- B. Unusual Event Reports: When an event of an unusual and significant nature occurs at Project site, whether or not related directly to the Work, prepare and submit a special report. List chain of events, persons participating, responses by Contractor's personnel, evaluation of results or effects, and similar pertinent information. Advise Owner in advance when these events are known or predictable.
1. Submit unusual event reports directly to Owner within one day of an occurrence. Distribute copies of report to parties affected by the occurrence.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 32 00**



## SECTION 01 33 00 - SUBMITTAL PROCEDURES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Submittal schedule requirements.
  - 2. Administrative and procedural requirements for submittals.
- B. Related Requirements:
  - 1. Section 01 29 00 "Payment Procedures" for submitting Applications for Payment and the schedule of values.
  - 2. Section 01 31 00 "Project Management and Coordination" for submitting coordination drawings and subcontract list and for requirements for web-based Project software.
  - 3. Section 01 32 00 "Construction Progress Documentation" for submitting schedules and reports, including Contractor's construction schedule.
  - 4. Section 01 40 00 "Quality Requirements" for submitting test and inspection reports, and schedule of tests and inspections.
  - 5. Section 01 77 00 "Closeout Procedures" for submitting closeout submittals and maintenance material submittals.
  - 6. Section 01 78 23 "Operation and Maintenance Data" for submitting operation and maintenance manuals.
  - 7. Section 01 78 39 "Project Record Documents" for submitting record Drawings, record Specifications, and record Product Data.
  - 8. Section 01 79 00 "Demonstration and Training" for submitting video recordings of demonstration of equipment and training of Owner's personnel.

#### 1.2 DEFINITIONS

- A. Action Submittals: Written and graphic information and physical samples that require Architect's responsive action. Action submittals are those submittals indicated in individual Specification Sections as "action submittals."
- B. Informational Submittals: Written and graphic information and physical samples that do not require Architect's responsive action. Submittals may be rejected for not complying with requirements. Informational submittals are those submittals indicated in individual Specification Sections as "informational submittals."

#### 1.3 SUBMITTAL SCHEDULE

- A. Submittal Schedule: Submit, as an action submittal, a list of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, ordering, manufacturing, fabrication, and delivery when establishing dates. Include additional time required for making corrections or revisions to submittals noted by Architect and additional time for handling and reviewing submittals required by those corrections.
  - 1. Coordinate submittal schedule with list of subcontracts, the schedule of values, and Contractor's construction schedule.
  - 2. Initial Submittal: Submit concurrently with construction schedule. Include submittals required during the first 30 days of construction. List those submittals required to maintain orderly progress of the Work and those required early because of long lead time for manufacture or fabrication.
  - 3. Final Submittal: Submit concurrently with the first complete submittal of Contractor's construction schedule.
    - a. Submit revised submittal schedule to reflect changes in current status and timing for submittals.
  - 4. Format: Arrange the following information in a tabular format:
    - a. Scheduled date for first submittal.



- b. Specification Section number and title.
- c. Submittal Category: Action; informational.
- d. Name of subcontractor.
- e. Description of the Work covered.
- f. Scheduled date for Architect's final release or approval.
- g. Scheduled dates for purchasing.
- h. Scheduled date of fabrication.
- i. Scheduled dates for installation.
- j. Activity or event number.

#### 1.4 SUBMITTAL FORMAT

- A. Submittal Information: Include the following information in each submittal:
  - 1. Project name.
  - 2. Date.
  - 3. Name of Architect.
  - 4. Name of Contractor.
  - 5. Name of firm or entity that prepared submittal.
  - 6. Names of subcontractor, manufacturer, and supplier.
  - 7. Unique submittal number, including revision identifier. Include Specification Section number with sequential alphanumeric identifier; and alphanumeric suffix for resubmittals.
  - 8. Category and type of submittal.
  - 9. Submittal purpose and description.
  - 10. Number and title of Specification Section, with paragraph number and generic name for each of multiple items.
  - 11. Drawing number and detail references, as appropriate.
  - 12. Indication of full or partial submittal.
  - 13. Location(s) where product is to be installed, as appropriate.
  - 14. Other necessary identification.
  - 15. Remarks.
- B. Options: Identify options requiring selection by Architect.
- C. Deviations and Additional Information: On each submittal, clearly indicate deviations from requirements in the Contract Documents, including minor variations and limitations; include relevant additional information and revisions, other than those requested by Architect on previous submittals. Indicate by highlighting on each submittal or noting on attached separate sheet.
- D. Electronic Submittals: Prepare submittals as PDF document, incorporating complete information into each PDF file. Name PDF file with submittal number.
  - 1. PDF Documentation Format: Unrestricted, searchable, read-only, Portable Document Format (PDF) that allows printing, copying or extracting content, and the addition of markups using Adobe Acrobat, Bluebeam Revu, or similar PDF reading and editing software.
  - 2. Electronically convert paper documents using Optical Character Recognition (OCR) software if needed to comply with specified documentation format properties.
  - 3. Assemble complete submittal package into a single indexed file incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
  - 4. Name file with submittal number or other unique identifier, including revision identifier.
    - a. File name shall use Specification Section number followed by a dash and then a sequential number (e.g., 061000-01).
    - b. Resubmittals shall include an alphabetic suffix (e.g., 061000-01a).

#### 1.5 SUBMITTAL PROCEDURES

- A. Prepare and submit submittals required by individual Specification Sections. Types of submittals are indicated in individual Specification Sections.



1. Web-Based Project Software: Prepare submittals in PDF form, and upload to web-based Project software website specifically established for project. Enter required data in web-based software site to fully identify submittal.
  - a. No fee or special software other than internet access is required for access to or use of web-based software website.
  - b. Specific access instructions will be provided following Award of Contract.
- B. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.
  1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.
  2. Submit all submittal items required for each Specification Section concurrently unless partial submittals for portions of the Work are indicated on approved submittal schedule.
  3. Submit action submittals and informational submittals required by the same Specification Section as separate packages under separate transmittals.
  4. Coordinate transmittal of submittals for related parts of the Work specified in different Sections so processing will not be delayed because of need to review submittals concurrently for coordination.
    - a. Architect reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.
- C. Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on Architect's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
  1. Initial Review: Allow 15 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Architect will advise Contractor when a submittal being processed must be delayed for coordination.
  2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.
  3. Resubmittal Review: Allow 15 days for review of each resubmittal.
- D. Resubmittals: Make resubmittals in same form and number of copies as initial submittal.
  1. Note date and content of previous submittal.
  2. Note date and content of revision in label or title block, and clearly indicate extent of revision.
  3. Resubmit submittals until they are marked with approval notation from Architect's action stamp.
- E. Distribution: Furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Show distribution on transmittal forms.
- F. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from Architect's action stamp.

## 1.6 SUBMITTAL REQUIREMENTS

- A. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment.
  1. If information must be specially prepared for submittal because standard published data are unsuitable for use, submit as Shop Drawings, not as Product Data.
  2. Mark each copy of each submittal to show which products and options are applicable.
  3. Include the following information, as applicable:
    - a. Manufacturer's catalog cuts.
    - b. Manufacturer's product specifications.
    - c. Standard color charts.
    - d. Statement of compliance with specified referenced standards.
    - e. Testing by recognized testing agency.



- f. Application of testing agency labels and seals.
    - g. Notation of coordination requirements.
    - h. Availability and delivery time information.
  - 4. For equipment, include the following in addition to the above, as applicable:
    - a. Wiring diagrams that show factory-installed wiring.
    - b. Printed performance curves.
    - c. Operational range diagrams.
    - d. Clearances required to other construction, if not indicated on accompanying Shop Drawings.
  - 5. Do not submit Safety Data Sheets (SDS) with submittal. Safety Data Sheets included with submittal documents will not be reviewed by Architect.
  - 6. Submit Product Data before or concurrent with Samples.
- B. Shop Drawings: Prepare Project-specific information, drawn accurately to scale. Do not base Shop Drawings on reproductions of the Contract Documents or standard printed data unless submittal based on Architect's digital data drawing files is otherwise permitted.
- 1. Preparation: Fully illustrate requirements in the Contract Documents. Include the following information, as applicable:
    - a. Identification of products.
    - b. Schedules.
    - c. Compliance with specified standards.
    - d. Notation of coordination requirements.
    - e. Notation of dimensions established by field measurement.
    - f. Relationship and attachment to adjoining construction clearly indicated.
    - g. Seal and signature of professional engineer if specified.
- C. Samples: Submit Samples for review of kind, color, pattern, and texture for a check of these characteristics with other materials.
- 1. Transmit Samples that contain multiple, related components such as accessories together in one submittal package.
  - 2. Identification: Permanently attach label on unexposed side of Samples that includes the following:
    - a. Project name and submittal number.
    - b. Product name and name of manufacturer.
    - c. Sample source.
    - d. Drawing designation or Specification paragraph number and generic name of each item.
  - 3. Web-Based Project Software: Prepare submittals in PDF form, and upload to web-based Project software website. Enter required data in web-based software site to fully identify submittal.
    - a. Submit separate paper copy of transmittal and physical Samples to Architect.
  - 4. Disposition: Maintain sets of approved Samples at Project site, available for quality-control comparisons throughout the course of construction activity. Sample sets may be used to determine final acceptance of construction associated with each set.
    - a. Samples that may be incorporated into the Work are indicated in individual Specification Sections. Such Samples must be in an undamaged condition at time of use.
    - b. Samples not incorporated into the Work, or otherwise designated as Owner's property, are the property of Contractor.
  - 5. Samples for Initial Selection: Submit manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available.
    - a. Number of Samples: Submit one full set(s) of available choices where color, pattern, texture, or similar characteristics are required to be selected from manufacturer's product line.
  - 6. Samples for Verification: Submit full-size units or Samples of size indicated, prepared from same material to be used for the Work, cured and finished in manner specified, and physically identical with material or product proposed for use, and that show full range of color and texture variations expected. Samples include, but are not limited to, the following: partial sections of manufactured or fabricated components; small cuts or



containers of materials; complete units of repetitively used materials; swatches showing color, texture, and pattern; color range sets; and components used for independent testing and inspection.

- a. Number of Samples: Submit three sets of Samples. Architect will retain one Sample set; remainder will be returned. Retain one returned Sample set as a project record Sample.
  - 1) Submit a single Sample where assembly details, workmanship, fabrication techniques, connections, operation, and other similar characteristics are to be demonstrated.
  - 2) If variation in color, pattern, texture, or other characteristic is inherent in material or product represented by a Sample, submit at least three sets of paired units that show approximate limits of variations.
  
- D. Product Schedule: As required in individual Specification Sections, prepare a written summary indicating types of products required for the Work and their intended location. Include the following information in tabular form:
  1. Type of product. Include unique identifier for each product indicated in the Contract Documents or assigned by Contractor if none is indicated.
  2. Manufacturer and product name, and model number if applicable.
  3. Number and name of room or space.
  4. Location within room or space.
  
- E. Qualification Data: Prepare written information that demonstrates capabilities and experience of firm or person. Include lists of completed projects with project names and addresses, contact information of architects and owners, and other information specified.
  
- F. Design Data: Prepare and submit written and graphic information indicating compliance with indicated performance and design criteria in individual Specification Sections. Include list of assumptions and summary of loads. Include load diagrams if applicable. Provide name and version of software, if any, used for calculations. Number each page of submittal.
  
- G. Certificates:
  1. Certificates and Certifications Submittals: Submit a statement that includes signature of entity responsible for preparing certification. Certificates and certifications shall be signed by an officer or other individual authorized to sign documents on behalf of that entity. Provide a notarized signature where indicated.
  2. Installer Certificates: Submit written statements on manufacturer's letterhead certifying that Installer complies with requirements in the Contract Documents and, where required, is authorized by manufacturer for this specific Project.
  3. Manufacturer Certificates: Submit written statements on manufacturer's letterhead certifying that manufacturer complies with requirements in the Contract Documents. Include evidence of manufacturing experience where required.
  4. Material Certificates: Submit written statements on manufacturer's letterhead certifying that material complies with requirements in the Contract Documents.
  5. Product Certificates: Submit written statements on manufacturer's letterhead certifying that product complies with requirements in the Contract Documents.
  6. Welding Certificates: Prepare written certification that welding procedures and personnel comply with requirements in the Contract Documents. Submit record of Welding Procedure Specification and Procedure Qualification Record on AWS forms. Include names of firms and personnel certified.
  
- H. Test and Research Reports:
  1. Compatibility Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of compatibility tests performed before installation of product. Include written recommendations for primers and substrate preparation needed for adhesion.
  2. Field Test Reports: Submit written reports indicating and interpreting results of field tests performed either during installation of product or after product is installed in its final location, for compliance with requirements in the Contract Documents.



3. Material Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting test results of material for compliance with requirements in the Contract Documents.
4. Preconstruction Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of tests performed before installation of product, for compliance with performance requirements in the Contract Documents.
5. Product Test Reports: Submit written reports indicating that current product produced by manufacturer complies with requirements in the Contract Documents. Base reports on evaluation of tests performed by manufacturer and witnessed by a qualified testing agency, or on comprehensive tests performed by a qualified testing agency.
6. Research Reports: Submit written evidence, from a model code organization acceptable to authorities having jurisdiction, that product complies with building code in effect for Project. Include the following information:
  - a. Name of evaluation organization.
  - b. Date of evaluation.
  - c. Time period when report is in effect.
  - d. Product and manufacturers' names.
  - e. Description of product.
  - f. Test procedures and results.
  - g. Limitations of use.

## 1.7 DELEGATED-DESIGN SERVICES

- A. Performance and Design Criteria: Where professional design services or certifications by a design professional are specifically required of Contractor by the Contract Documents, provide products and systems complying with specific performance and design criteria indicated.
  1. If criteria indicated are insufficient to perform services or certification required, submit a written request for additional information to Architect.
- B. Delegated-Design Services Certification: In addition to Shop Drawings, Product Data, and other required submittals, submit digitally signed PDF file copies of certificate, signed and sealed by the responsible design professional, for each product and system specifically assigned to Contractor to be designed or certified by a design professional.
  1. Indicate that products and systems comply with performance and design criteria in the Contract Documents. Include list of codes, loads, and other factors used in performing these services.

## 1.8 CONTRACTOR'S REVIEW

- A. Action Submittals and Informational Submittals: Review each submittal and check for coordination with other Work of the Contract and for compliance with the Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to Architect.
- B. Contractor's Approval: Indicate Contractor's approval for each submittal with a uniform approval stamp. Include name of reviewer, date of Contractor's approval, and statement certifying that submittal has been reviewed, checked, and approved for compliance with the Contract Documents.
  1. Architect will not review submittals received from Contractor that do not have Contractor's review and approval.

## 1.9 ARCHITECT'S REVIEW

- A. Action Submittals: Architect will review each submittal, indicate corrections or revisions required, and return it.
  1. PDF Submittals: Architect will indicate, via markup on each submittal, the appropriate action.



- B. Informational Submittals: Architect's responsive action is not required; noncompliant submittals will be returned.
- C. Partial submittals prepared for a portion of the Work will be reviewed when use of partial submittals has received prior approval from Architect.
- D. Incomplete submittals are unacceptable, will be considered nonresponsive, and will be returned for resubmittal without review.
- E. Submittals not required by the Contract Documents or received from sources other than Contractor may be returned without review or discarded at Architect's discretion.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 33 00**



## SECTION 01 40 00 - QUALITY REQUIREMENTS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for quality assurance and quality control.
- B. Testing and inspection services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements.
  - 1. Specific quality-assurance and quality-control requirements for individual work results are specified in their respective Specification Sections. Requirements in individual Sections may also cover production of standard products.
  - 2. Specified tests, inspections, and related actions do not limit Contractor's other quality-assurance and quality-control procedures that facilitate compliance with the Contract Document requirements.
  - 3. Requirements for Contractor to provide quality-assurance and quality-control services required by Architect, Owner, Commissioning Authority, or authorities having jurisdiction are not limited by provisions of this Section.
  - 4. Specific test and inspection requirements are not specified in this Section.

#### 1.2 DEFINITIONS

- A. Experienced: When used with an entity or individual, "experienced" unless otherwise further described means having successfully completed a minimum of five previous projects similar in nature, size, and extent to this Project; being familiar with special requirements indicated; and having complied with requirements of authorities having jurisdiction.
- B. Field Quality-Control Tests: Tests and inspections that are performed on-site for installation of the Work and for completed Work.
- C. Installer/Applicator/Erector: Contractor or another entity engaged by Contractor as an employee, Subcontractor, or Sub-subcontractor, to perform a particular construction operation, including installation, erection, application, assembly, and similar operations.
  - 1. Use of trade-specific terminology in referring to a trade or entity does not require that certain construction activities be performed by accredited or unionized individuals, or that requirements specified apply exclusively to specific trade(s).
- D. Mockups: Full-size physical assemblies that are constructed either as freestanding temporary built elements or as part of permanent construction. Mockups are constructed to verify selections made under Sample submittals; to demonstrate aesthetic effects and qualities of materials and execution; to review coordination, testing, or operation; to show interface between dissimilar materials; and to demonstrate compliance with specified installation tolerances. Mockups are not Samples. Unless otherwise indicated, approved mockups establish the standard by which the Work will be judged.
  - 1. Integrated Exterior Mockups: Mockups of the exterior envelope constructed on-site as freestanding temporary built elements or as part of permanent construction, consisting of multiple products, assemblies, and subassemblies, with cutaways enabling inspection of concealed portions of the Work.
    - a. Include each system, assembly, component, and part of the exterior wall to be constructed for the Project. Colors of components shall be those selected by the Architect for use in the Project.
  - 2. Product Mockups: Mockups that may include multiple products, materials, or systems specified in a single Section.
  - 3. In-Place Mockups: Mockups constructed on-site in their actual final location as part of permanent construction.



- E. Preconstruction Testing: Tests and inspections performed specifically for Project before products and materials are incorporated into the Work, to verify performance or compliance with specified criteria.
- F. Product Tests: Tests and inspections that are performed by a nationally recognized testing laboratory (NRTL) according to 29 CFR 1910.7, by a testing agency accredited according to NIST's National Voluntary Laboratory Accreditation Program (NVLAP), or by a testing agency qualified to conduct product testing and acceptable to authorities having jurisdiction, to establish product performance and compliance with specified requirements.
- G. Source Quality-Control Tests: Tests and inspections that are performed at the source; for example, plant, mill, factory, or shop.
- H. Testing Agency: An entity engaged to perform specific tests, inspections, or both. Testing laboratory shall mean the same as testing agency.
- I. Quality-Assurance Services: Activities, actions, and procedures performed before and during execution of the Work to guard against defects and deficiencies and substantiate that proposed construction will comply with requirements.
- J. Quality-Control Services: Tests, inspections, procedures, and related actions during and after execution of the Work to evaluate that actual products incorporated into the Work and completed construction comply with requirements. Contractor's quality-control services do not include contract administration activities performed by Architect.

### **1.3 DELEGATED-DESIGN SERVICES**

- A. Performance and Design Criteria: Where professional design services or certifications by a design professional are specifically required of Contractor by the Contract Documents, provide products and systems complying with specific performance and design criteria indicated.
  - 1. If criteria indicated are not sufficient to perform services or certification required, submit a written request for additional information to Architect.

### **1.4 CONFLICTING REQUIREMENTS**

- A. Conflicting Standards and Other Requirements: If compliance with two or more standards or requirements are specified and the standards or requirements establish different or conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement. Refer conflicting requirements that are different, but apparently equal, to Architect for direction before proceeding.
- B. Minimum Quantity or Quality Levels: The quantity or quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quantity or quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of requirements. Refer uncertainties to Architect for a decision before proceeding.

### **1.5 SUBMITTAL PROCEDURES**

- A. Prepare submittals and reports as PDF electronic files and upload to web-based Project software website specifically established for project. Enter required data in web-based software site to fully identify submittal.

### **1.6 ACTION SUBMITTALS**

- A. Shop Drawings: For mockups.
  - 1. Include plans, sections, and elevations, indicating materials and size of mockup construction.



2. Indicate manufacturer and model number of individual components.
3. Provide axonometric drawings for conditions difficult to illustrate in two dimensions.

- B. Delegated-Design Services Submittal: In addition to Shop Drawings, Product Data, and other required submittals, submit a statement signed and sealed by the responsible design professional, for each product and system specifically assigned to Contractor to be designed or certified by a design professional, indicating that the products and systems are in compliance with performance and design criteria indicated. Include list of codes, loads, and other factors used in performing these services.

## 1.7 INFORMATIONAL SUBMITTALS

- A. Testing Agency Qualifications: For testing agencies specified in "Quality Assurance" Article to demonstrate their capabilities and experience. Include proof of qualifications in the form of a recent report on the inspection of the testing agency by a recognized authority.
- B. Schedule of Tests and Inspections: Prepare in tabular form and include the following:
1. Specification Section number and title.
  2. Entity responsible for performing tests and inspections.
  3. Description of test and inspection.
  4. Identification of applicable standards.
  5. Identification of test and inspection methods.
  6. Number of tests and inspections required.
  7. Time schedule or time span for tests and inspections.
  8. Requirements for obtaining samples.
  9. Unique characteristics of each quality-control service.
- C. Reports: Prepare and submit certified written reports and documents as specified.
- D. Permits, Licenses, and Certificates: For Owner's record, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, correspondence, records, and similar documents established for compliance with standards and regulations bearing on performance of the Work.

## 1.8 REPORTS AND DOCUMENTS

- A. Test and Inspection Reports: Prepare and submit certified written reports specified in other Sections. Include the following:
1. Date of issue.
  2. Project title and number.
  3. Name, address, telephone number, and email address of testing agency.
  4. Dates and locations of samples and tests or inspections.
  5. Names of individuals making tests and inspections.
  6. Description of the Work and test and inspection method.
  7. Identification of product and Specification Section.
  8. Complete test or inspection data.
  9. Test and inspection results and an interpretation of test results.
  10. Record of temperature and weather conditions at time of sample taking and testing and inspection.
  11. Comments or professional opinion on whether tested or inspected Work complies with the Contract Document requirements.
  12. Name and signature of laboratory inspector.
  13. Recommendations on retesting and reinspecting.
- B. Manufacturer's Technical Representative's Field Reports: Prepare written information documenting manufacturer's technical representative's tests and inspections specified in other Sections. Include the following:
1. Name, address, telephone number, and email address of technical representative making report.



2. Statement on condition of substrates and their acceptability for installation of product.
  3. Statement that products at Project site comply with requirements.
  4. Summary of installation procedures being followed, whether they comply with requirements and, if not, what corrective action was taken.
  5. Results of operational and other tests and a statement of whether observed performance complies with requirements.
  6. Statement whether conditions, products, and installation will affect warranty.
  7. Other required items indicated in individual Specification Sections.
- C. **Factory-Authorized Service Representative's Reports:** Prepare written information documenting manufacturer's factory-authorized service representative's tests and inspections specified in other Sections. Include the following:
1. Name, address, telephone number, and email address of factory-authorized service representative making report.
  2. Statement that equipment complies with requirements.
  3. Results of operational and other tests and a statement of whether observed performance complies with requirements.
  4. Statement whether conditions, products, and installation will affect warranty.
  5. Other required items indicated in individual Specification Sections.

## 1.9 QUALITY ASSURANCE

- A. Qualifications paragraphs in this article establish the minimum qualification levels required; individual Specification Sections specify additional requirements.
- B. **Manufacturer Qualifications:** A firm experienced in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units. As applicable, procure products from manufacturers able to meet qualification requirements, warranty requirements, and technical or factory-authorized service representative requirements.
- C. **Fabricator Qualifications:** A firm experienced in producing products similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.
- D. **Installer Qualifications:** A firm or individual experienced in installing, erecting, applying, or assembling work similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.
- E. **Professional Engineer Qualifications:** A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of the system, assembly, or product that are similar in material, design, and extent to those indicated for this Project.
- F. **Specialists:** Certain Specification Sections require that specific construction activities shall be performed by entities who are recognized experts in those operations. Specialists shall satisfy qualification requirements indicated and shall be engaged for the activities indicated.
1. Requirements of authorities having jurisdiction shall supersede requirements for specialists.
- G. **Testing Agency Qualifications:** An NRTL, an NVLAP, or an independent agency with the experience and capability to conduct testing and inspection indicated, as documented according to ASTM E 329; and with additional qualifications specified in individual Sections; and, where required by authorities having jurisdiction, that is acceptable to authorities.
- H. **Manufacturer's Technical Representative Qualifications:** An authorized representative of manufacturer who is trained and approved by manufacturer to observe and inspect installation



of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.

- I. **Factory-Authorized Service Representative Qualifications:** An authorized representative of manufacturer who is trained and approved by manufacturer to inspect installation of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.
- J. **Preconstruction Testing:** Where testing agency is indicated to perform preconstruction testing for compliance with specified requirements for performance and test methods, comply with the following Contractor's responsibilities, including the following:
  - 1. Provide test specimens representative of proposed products and construction.
  - 2. Submit specimens in a timely manner with sufficient time for testing and analyzing results to prevent delaying the Work.
  - 3. Provide sizes and configurations of test assemblies, mockups, and laboratory mockups to adequately demonstrate capability of products to comply with performance requirements.
  - 4. Build site-assembled test assemblies and mockups using installers who will perform same tasks for Project.
  - 5. Build laboratory mockups at testing facility using personnel, products, and methods of construction indicated for the completed Work.
  - 6. When testing is complete, remove test specimens and test assemblies, and mockups; do not reuse products on Project.
  - 7. **Testing Agency Responsibilities:** Submit a certified written report of each test, inspection, and similar quality-assurance service to Architect and Commissioning Authority, with copy to Contractor. Interpret tests and inspections and state in each report whether tested and inspected work complies with or deviates from the Contract Documents.
- K. **Mockups:** Before installing portions of the Work requiring mockups, build mockups for each form of construction and finish required to comply with the following requirements, using materials indicated for the completed Work:
  - 1. Build mockups of size indicated.
  - 2. Build mockups in location indicated or, if not indicated, as directed by Architect.
  - 3. Notify Architect 14 days in advance of dates and times when mockups will be constructed. Coordinate date and time of mockup reviews to coincide with Project progress meetings.
  - 4. Employ supervisory personnel who will oversee mockup construction. Employ workers that will be employed to perform same tasks during the construction at Project.
  - 5. Demonstrate the proposed range of aesthetic effects and workmanship.
  - 6. Obtain Architect's approval of mockups before starting corresponding work, fabrication, or construction.
    - a. Allow seven days for initial review and each re-review of each mockup.
  - 7. Promptly correct unsatisfactory conditions noted by Architect's preliminary review, to the satisfaction of the Architect, before completion of final mockup.
  - 8. Approval of mockups by the Architect does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
  - 9. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work.
  - 10. Demolish and remove mockups when directed unless otherwise indicated.
- L. **Integrated Exterior Mockups:** Construct integrated exterior mockup according to approved Shop Drawings. Coordinate installation of exterior envelope materials and products for which mockups are required in individual Specification Sections, along with supporting materials. Comply with requirements in "Mockups" Paragraph.



## 1.10 QUALITY CONTROL

- A. Owner Responsibilities: Field quality-control testing and field special inspection services specified are the Owner's responsibility. Owner will engage a qualified testing agency to perform these services.
  - 1. Owner will furnish Contractor with names, addresses, and telephone numbers of testing agencies engaged and a description of types of testing and inspection they are engaged to perform.
  - 2. Costs for retesting and reinspecting construction that replaces or is necessitated by work that failed to comply with the Contract Documents will be charged to Contractor, and the Contract Sum will be adjusted by Change Order.
- B. Contractor Responsibilities: Tests and inspections not explicitly assigned to Owner are Contractor's responsibility. Perform additional quality-control activities, whether specified or not, to verify and document that the Work complies with requirements.
  - 1. Unless otherwise indicated, provide quality-control services specified and those required by authorities having jurisdiction. Perform quality-control services required of Contractor by authorities having jurisdiction, whether specified or not.
  - 2. Engage a qualified testing agency to perform quality-control services.
    - a. Contractor shall not employ same entity engaged by Owner, unless agreed to in writing by Owner.
  - 3. Notify testing agencies at least 24 hours in advance of time when Work that requires testing or inspection will be performed.
  - 4. Where quality-control services are indicated as Contractor's responsibility, submit a certified written report, in duplicate, of each quality-control service.
  - 5. Testing and inspection requested by Contractor and not required by the Contract Documents are Contractor's responsibility.
  - 6. Submit additional copies of each written report directly to authorities having jurisdiction, when they so direct.
- C. Retesting/Reinspecting: Regardless of whether original tests or inspections were Contractor's responsibility, provide quality-control services, including retesting and reinspecting, for construction that replaced Work that failed to comply with the Contract Documents.
- D. Testing Agency Responsibilities: Cooperate with Architect, Commissioning Authority and Contractor in performance of duties. Provide qualified personnel to perform required tests and inspections.
  - 1. Notify Architect, Commissioning Authority, and Contractor promptly of irregularities or deficiencies observed in the Work during performance of its services.
  - 2. Determine the locations from which test samples will be taken and in which in-situ tests are conducted.
  - 3. Conduct and interpret tests and inspections and state in each report whether tested and inspected work complies with or deviates from requirements.
  - 4. Submit a certified written report, in duplicate, of each test, inspection, and similar quality-control service through Contractor.
  - 5. Do not release, revoke, alter, or increase the Contract Document requirements or approve or accept any portion of the Work.
  - 6. Do not perform duties of Contractor.
- E. Manufacturer's Field Services: Where indicated, engage a factory-authorized service representative to inspect field-assembled components and equipment installation, including service connections. Report results in writing as specified in Section 01 33 00 "Submittal Procedures."
- F. Manufacturer's Technical Services: Where indicated, engage a manufacturer's technical representative to observe and inspect the Work. Manufacturer's technical representative's services include participation in preinstallation conferences, examination of substrates and conditions, verification of materials, observation of Installer activities, inspection of completed portions of the Work, and submittal of written reports.



- G. Contractor's Associated Requirements and Services: Cooperate with agencies and representatives performing required tests, inspections, and similar quality-control services, and provide reasonable auxiliary services as requested. Notify agency sufficiently in advance of operations to permit assignment of personnel. Provide the following:
1. Access to the Work.
  2. Incidental labor and facilities necessary to facilitate tests and inspections.
  3. Adequate quantities of representative samples of materials that require testing and inspection. Assist agency in obtaining samples.
  4. Facilities for storage and field curing of test samples.
  5. Delivery of samples to testing agencies.
  6. Preliminary design mix proposed for use for material mixes that require control by testing agency.
  7. Security and protection for samples and for testing and inspection equipment at Project site.
- H. Coordination: Coordinate sequence of activities to accommodate required quality-assurance and quality-control services with a minimum of delay and to avoid necessity of removing and replacing construction to accommodate testing and inspection.
1. Schedule times for tests, inspections, obtaining samples, and similar activities.
- I. Schedule of Tests and Inspections: Prepare a schedule of tests, inspections, and similar quality-control services required by the Contract Documents. Coordinate and submit concurrently with Contractor's Construction Schedule. Update as the Work progresses.
1. Distribution: Distribute schedule to Owner, Architect, Commissioning Authority, testing agencies, and each party involved in performance of portions of the Work where tests and inspections are required.

#### 1.11 SPECIAL TESTS AND INSPECTIONS

- A. Special Tests and Inspections: Conducted by a qualified testing agency or special inspector as required by authorities having jurisdiction, as indicated in individual Specification Sections, and as follows:
1. Verifying that manufacturer maintains detailed fabrication and quality-control procedures and reviewing the completeness and adequacy of those procedures to perform the Work.
  2. Notifying Architect, Commissioning Authority, and Contractor promptly of irregularities and deficiencies observed in the Work during performance of its services.
  3. Submitting a certified written report of each test, inspection, and similar quality-control service to Architect and Commissioning Authority with copy to Contractor and to authorities having jurisdiction.
  4. Submitting a final report of special tests and inspections at Substantial Completion, which includes a list of unresolved deficiencies.
  5. Interpreting tests and inspections and stating in each report whether tested and inspected work complies with or deviates from the Contract Documents.
  6. Retesting and reinspecting corrected work.

### PART 2 - PRODUCTS (Not Used)

### PART 3 - EXECUTION

#### 3.1 TEST AND INSPECTION LOG

- A. Test and Inspection Log: Prepare a record of tests and inspections. Include the following:
1. Date test or inspection was conducted.
  2. Description of the Work tested or inspected.
  3. Date test or inspection results were transmitted to Architect.
  4. Identification of testing agency or special inspector conducting test or inspection.



- B. Maintain log at Project site. Post changes and revisions as they occur. Provide access to test and inspection log for Architect's, Commissioning Authority's, reference during normal working hours.

### **3.2 REPAIR AND PROTECTION**

- A. General: On completion of testing, inspection, sample taking, and similar services, repair damaged construction and restore substrates and finishes.
  - 1. Provide materials and comply with installation requirements specified in other Specification Sections or matching existing substrates and finishes. Restore patched areas and extend restoration into adjoining areas with durable seams that are as invisible as possible. Comply with the Contract Document requirements for cutting and patching in Section 01 73 00 "Execution."
- B. Protect construction exposed by or for quality-control service activities.
- C. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for quality-control services.

**END OF SECTION 01 40 00**



## SECTION 01 42 00 - REFERENCES

### PART 1 - GENERAL

#### 1.1 DEFINITIONS

- A. General: Basic Contract definitions are included in the Conditions of the Contract.
- B. "Approved": When used to convey Architect's action on Contractor's submittals, applications, and requests, "approved" is limited to Architect's duties and responsibilities as stated in the Conditions of the Contract.
- C. "Directed": A command or instruction by Architect. Other terms, including "requested," "authorized," "selected," "required," and "permitted," have the same meaning as "directed."
- D. "Indicated": Requirements expressed by graphic representations or in written form on Drawings, in Specifications, and in other Contract Documents. Other terms, including "shown," "noted," "scheduled," and "specified," have the same meaning as "indicated."
- E. "Regulations": Laws, ordinances, statutes, and lawful orders issued by authorities having jurisdiction, and rules, conventions, and agreements within the construction industry that control performance of the Work.
- F. "Furnish": Supply and deliver to Project site, ready for unloading, unpacking, assembly, installation, and similar operations.
- G. "Install": Unload, temporarily store, unpack, assemble, erect, place, anchor, apply, work to dimension, finish, cure, protect, clean, and similar operations at Project site.
- H. "Provide": Furnish and install, complete and ready for the intended use.
- I. "Project Site": Space available for performing construction activities. The extent of Project site is shown on Drawings and may or may not be identical with the description of the land on which Project is to be built.

#### 1.2 INDUSTRY STANDARDS

- A. Applicability of Standards: Unless the Contract Documents include more stringent requirements, applicable construction industry standards have the same force and effect as if bound or copied directly into the Contract Documents to the extent referenced. Such standards are made a part of the Contract Documents by reference.
- B. Publication Dates: Comply with standards in effect as of date of the Contract Documents unless otherwise indicated.
  - 1. For standards referenced by applicable building codes, comply with dates of standards as listed in building codes.
- C. Copies of Standards: Each entity engaged in construction on Project should be familiar with industry standards applicable to its construction activity. Copies of applicable standards are not bound with the Contract Documents.
  - 1. Where copies of standards are needed to perform a required construction activity, obtain copies directly from publication source.

#### 1.3 ABBREVIATIONS AND ACRONYMS

- A. Industry Organizations, List: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they are to mean the recognized name of the entities in the following



list. Abbreviations and acronyms not included in this list are to mean the recognized name of the entities indicated in Gale's "Encyclopedia of Associations: National Organizations of the U.S." or in Columbia Books' "National Trade & Professional Associations of the United States." The information in this list is subject to change and is believed to be accurate as of the date of the Contract Documents.

1. AABC - Associated Air Balance Council; [www.aabc.com](http://www.aabc.com).
2. AAMA - American Architectural Manufacturers Association; (see FGIA).
3. AAPFCO - Association of American Plant Food Control Officials; [www.aapfco.org](http://www.aapfco.org).
4. AASHTO - American Association of State Highway and Transportation Officials; [www.transportation.org](http://www.transportation.org).
5. AATCC - American Association of Textile Chemists and Colorists; [www.aatcc.org](http://www.aatcc.org).
6. ABMA - American Bearing Manufacturers Association; [www.americanbearings.org](http://www.americanbearings.org).
7. ABMA - American Boiler Manufacturers Association; [www.abma.com](http://www.abma.com).
8. ACI - American Concrete Institute; [www.concrete.org](http://www.concrete.org).
9. ACP - American Clean Power; (Formerly: American Wind Energy Association); [www.cleanpower.org](http://www.cleanpower.org).
10. ACPA - American Concrete Pipe Association; [www.concretepipe.org](http://www.concretepipe.org).
11. AEIC - Association of Edison Illuminating Companies, Inc. (The); [www.aeic.org](http://www.aeic.org).
12. AF&PA - American Forest & Paper Association; [www.afandpa.org](http://www.afandpa.org).
13. AGA - American Gas Association; [www.aga.org](http://www.aga.org).
14. AHAM - Association of Home Appliance Manufacturers; [www.aham.org](http://www.aham.org).
15. AHRI - Air-Conditioning, Heating, and Refrigeration Institute (The); [www.ahrinet.org](http://www.ahrinet.org).
16. AI - Asphalt Institute; [www.asphaltinstitute.org](http://www.asphaltinstitute.org).
17. AIA - American Institute of Architects (The); [www.aia.org](http://www.aia.org).
18. AISC - American Institute of Steel Construction; [www.aisc.org](http://www.aisc.org).
19. AISI - American Iron and Steel Institute; [www.steel.org](http://www.steel.org).
20. AITC - American Institute of Timber Construction; (see PLIB).
21. AMCA - Air Movement and Control Association International, Inc.; [www.amca.org](http://www.amca.org).
22. AMPP - Association for Materials Protection and Performance; [www.ampp.org](http://www.ampp.org).
23. ANSI - American National Standards Institute; [www.ansi.org](http://www.ansi.org).
24. AOSA/SCST - Association of Official Seed Analysts (The)/Society of Commercial Seed Technologists (The); [www.analyzeseeds.com](http://www.analyzeseeds.com).
25. APA - APA - The Engineered Wood Association; [www.apawood.org](http://www.apawood.org).
26. APA - Architectural Precast Association; [www.archprecast.org](http://www.archprecast.org).
27. API - American Petroleum Institute; [www.api.org](http://www.api.org).
28. ARMA - Asphalt Roofing Manufacturers Association; [www.asphaltroofing.org](http://www.asphaltroofing.org).
29. ASA - Acoustical Society of America; [www.acousticalsociety.org](http://www.acousticalsociety.org).
30. ASCE - American Society of Civil Engineers; [www.asce.org](http://www.asce.org).
31. ASCE/SEI - American Society of Civil Engineers/Structural Engineering Institute; (see ASCE).
32. ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers; [www.ashrae.org](http://www.ashrae.org).
33. ASME - ASME International; American Society of Mechanical Engineers (The); [www.asme.org](http://www.asme.org).
34. ASSE - ASSE International; (American Society of Sanitary Engineering); [www.asse-plumbing.org](http://www.asse-plumbing.org).
35. ASSP - American Society of Safety Professionals; [www.assp.org](http://www.assp.org).
36. ASTM - ASTM International; [www.astm.org](http://www.astm.org).
37. ATIS - Alliance for Telecommunications Industry Solutions; [www.atis.org](http://www.atis.org).
38. AVIXA - Audiovisual and Integrated Experience Association; [www.avixa.org](http://www.avixa.org).
39. AWI - Architectural Woodwork Institute; [www.awinet.org](http://www.awinet.org).
40. AWMAC - Architectural Woodwork Manufacturers Association of Canada; [www.awmac.com](http://www.awmac.com).
41. AWWA - American Water Works Association; [www.awwa.org](http://www.awwa.org).
42. AWS - American Welding Society; [www.aws.org](http://www.aws.org).
43. AWWA - American Water Works Association; [www.awwa.org](http://www.awwa.org).
44. BHMA - Builders Hardware Manufacturers Association; [www.buildershardware.com](http://www.buildershardware.com).
45. BIA - Brick Industry Association (The); [www.gobrick.com](http://www.gobrick.com).
46. BICSI - BICSI, Inc.; [www.bicsi.org](http://www.bicsi.org).



47. BIFMA - Business and Institutional Furniture Manufacturer's Association; [www.bifma.org](http://www.bifma.org).
48. BISSC - Baking Industry Sanitation Standards Committee; [www.bissc.org](http://www.bissc.org).
49. BWF - Badminton World Federation; [www.bwfbadminton.com](http://www.bwfbadminton.com).
50. CARB - California Air Resources Board; [www.arb.ca.gov](http://www.arb.ca.gov).
51. CDA - Copper Development Association Inc.; [www.copper.org](http://www.copper.org).
52. CE - Conformite Europeenne (European Commission); [www.ec.europa.eu/growth/single-market/ce-marking](http://www.ec.europa.eu/growth/single-market/ce-marking).
53. CEA - Canadian Electricity Association; [www.electricity.ca](http://www.electricity.ca).
54. CFFA - Chemical Fabrics and Film Association, Inc.; [www.chemicalfabricsandfilm.com](http://www.chemicalfabricsandfilm.com).
55. CFSEI - Cold-Formed Steel Engineers Institute; [www.cfsei.org](http://www.cfsei.org).
56. CGA - Compressed Gas Association; [www.cganet.com](http://www.cganet.com).
57. CIMA - Cellulose Insulation Manufacturers Association; [www.cellulose.org](http://www.cellulose.org).
58. CISCA - Ceilings & Interior Systems Construction Association; [www.cisca.org](http://www.cisca.org).
59. CISPI - Cast Iron Soil Pipe Institute; [www.cispi.org](http://www.cispi.org).
60. CLFMI - Chain Link Fence Manufacturers Institute; [www.chainlinkinfo.org](http://www.chainlinkinfo.org).
61. CPA - Composite Panel Association; [www.compositepanel.org](http://www.compositepanel.org).
62. CRI - Carpet and Rug Institute (The); [www.carpet-rug.org](http://www.carpet-rug.org).
63. CRRC - Cool Roof Rating Council; [www.coolroofs.org](http://www.coolroofs.org).
64. CRSI - Concrete Reinforcing Steel Institute; [www.crsi.org](http://www.crsi.org).
65. CSA - CSA Group; [www.csagroup.org](http://www.csagroup.org).
66. CSI - Cast Stone Institute; [www.caststone.org](http://www.caststone.org).
67. CSI - Construction Specifications Institute (The); [www.csiresources.org](http://www.csiresources.org).
68. CSSB - Cedar Shake & Shingle Bureau; [www.cedarbureau.org](http://www.cedarbureau.org).
69. CTA - Consumer Technology Association; [www.cta.tech](http://www.cta.tech).
70. CTI - Cooling Technology Institute; [www.coolingtechnology.org](http://www.coolingtechnology.org).
71. DASMA - Door and Access Systems Manufacturers Association; [www.dasma.com](http://www.dasma.com).
72. DHA - Decorative Hardwoods Association; [www.decorativehardwoods.org](http://www.decorativehardwoods.org).
73. DHI - Door and Hardware Institute; [www.dhi.org](http://www.dhi.org).
74. ECIA - Electronic Components Industry Association; [www.ecianow.org](http://www.ecianow.org).
75. EIMA - EIFS Industry Members Association; [www.eima.com](http://www.eima.com).
76. EJMA - Expansion Joint Manufacturers Association, Inc.; [www.ejma.org](http://www.ejma.org).
77. EOS/ESD - EOS/ESD Association, Inc.; Electrostatic Discharge Association; [www.esda.org](http://www.esda.org).
78. ESTA - Entertainment Services and Technology Association; [www.esta.org](http://www.esta.org).
79. EVO - Efficiency Valuation Organization; [www.evo-world.org](http://www.evo-world.org).
80. FCI - Fluid Controls Institute; [www.fluidcontrolsintstitute.org](http://www.fluidcontrolsintstitute.org).
81. FGIA - Fenestration and Glazing Industry Alliance; <https://fgiaonline.org>.
82. FIBA - Federation Internationale de Basketball; (The International Basketball Federation); [www.fiba.com](http://www.fiba.com).
83. FIVB - Federation Internationale de Volleyball; (The International Volleyball Federation); [www.fivb.org](http://www.fivb.org).
84. FM Approvals - FM Approvals LLC; [www.fmaprovals.com](http://www.fmaprovals.com).
85. FM Global - FM Global; [www.fmglobal.com](http://www.fmglobal.com).
86. FRSA - Florida Roofing and Sheet Metal Contractors Association, Inc.; [www.floridarroof.com](http://www.floridarroof.com).
87. FSA - Fluid Sealing Association; [www.fluidsealing.com](http://www.fluidsealing.com).
88. FSC - Forest Stewardship Council U.S.; [www.fscus.org](http://www.fscus.org).
89. GA - Gypsum Association; [www.gypsum.org](http://www.gypsum.org).
90. GS - Green Seal; [www.greenseal.org](http://www.greenseal.org).
91. HI - Hydraulic Institute; [www.pumps.org](http://www.pumps.org).
92. HMMA - Hollow Metal Manufacturers Association; (see NAAMM).
93. IAPSC - International Association of Professional Security Consultants; [www.iapsc.org](http://www.iapsc.org).
94. IAS - International Accreditation Service; [www.iasonline.org](http://www.iasonline.org).
95. ICC - International Code Council; [www.iccsafe.org](http://www.iccsafe.org).
96. ICEA - Insulated Cable Engineers Association, Inc.; [www.icea.net](http://www.icea.net).
97. ICPA - International Cast Polymer Association (The); [www.theicpa.com](http://www.theicpa.com).
98. ICRI - International Concrete Repair Institute, Inc.; [www.icri.org](http://www.icri.org).
99. IEC - International Electrotechnical Commission; [www.iec.ch](http://www.iec.ch).
100. IEEE - Institute of Electrical and Electronics Engineers, Inc. (The); [www.ieee.org](http://www.ieee.org).



101. IES - Illuminating Engineering Society; [www.ies.org](http://www.ies.org).
102. IEST - Institute of Environmental Sciences and Technology; [www.iest.org](http://www.iest.org).
103. IGMA - Insulating Glass Manufacturers Alliance; (see FGIA).
104. IGSHPA - International Ground Source Heat Pump Association; [www.igshpa.org](http://www.igshpa.org).
105. ILI - Indiana Limestone Institute of America, Inc.; [www.ili.ai.com](http://www.ili.ai.com).
106. Intertek - Intertek Group; [www.intertek.com](http://www.intertek.com).
107. ISA - International Society of Automation (The); [www.isa.org](http://www.isa.org).
108. ISFA - International Surface Fabricators Association; [www.isfanow.org](http://www.isfanow.org).
109. ISO - International Organization for Standardization; [www.iso.org](http://www.iso.org).
110. ITU - International Telecommunication Union; [www.itu.int](http://www.itu.int).
111. KCMA - Kitchen Cabinet Manufacturers Association; [www.kcma.org](http://www.kcma.org).
112. LPI - Lightning Protection Institute; [www.lightning.org](http://www.lightning.org).
113. MBMA - Metal Building Manufacturers Association; [www.mbma.com](http://www.mbma.com).
114. MCA - Metal Construction Association; [www.metalconstruction.org](http://www.metalconstruction.org).
115. MFMA - Maple Flooring Manufacturers Association, Inc.; [www.maplefloor.org](http://www.maplefloor.org).
116. MFMA - Metal Framing Manufacturers Association, Inc.; [www.metalframingmfg.org](http://www.metalframingmfg.org).
117. MHI - Material Handling Industry; [www.mhi.org](http://www.mhi.org).
118. MMPA - Moulding & Millwork Producers Association; [www.wmmpa.com](http://www.wmmpa.com).
119. MPI - Master Painters Institute; [www.paintinfo.com](http://www.paintinfo.com).
120. MSS - Manufacturers Standardization Society of The Valve and Fittings Industry, Inc.; [www.msshq.org](http://www.msshq.org).
121. NAAMM - National Association of Architectural Metal Manufacturers; [www.naamm.org](http://www.naamm.org).
122. NACE - NACE International; (National Association of Corrosion Engineers International); (see AMPP).
123. NADCA - National Air Duct Cleaners Association; [www.nadca.com](http://www.nadca.com).
124. NAIMA - North American Insulation Manufacturers Association; [www.insulationinstitute.org](http://www.insulationinstitute.org).
125. NALP - National Association of Landscape Professionals; [www.landscapeprofessionals.org](http://www.landscapeprofessionals.org).
126. NBGQA - National Building Granite Quarries Association, Inc.; [www.nbgqa.com](http://www.nbgqa.com).
127. NBI - New Buildings Institute; [www.newbuildings.org](http://www.newbuildings.org).
128. NCAA - National Collegiate Athletic Association (The); [www.ncaa.org](http://www.ncaa.org).
129. NCMA - National Concrete Masonry Association; [www.ncma.org](http://www.ncma.org).
130. NEBB - National Environmental Balancing Bureau; [www.nebb.org](http://www.nebb.org).
131. NECA - National Electrical Contractors Association; [www.necanet.org](http://www.necanet.org).
132. NeLMA - Northeastern Lumber Manufacturers Association; [www.nelma.org](http://www.nelma.org).
133. NEMA - National Electrical Manufacturers Association; [www.nema.org](http://www.nema.org).
134. NETA - InterNational Electrical Testing Association; [www.netaworld.org](http://www.netaworld.org).
135. NFHS - National Federation of State High School Associations; [www.nfhs.org](http://www.nfhs.org).
136. NFPA - National Fire Protection Association; [www.nfpa.org](http://www.nfpa.org).
137. NFPA - NFPA International; (see NFPA).
138. NFRC - National Fenestration Rating Council; [www.nfrc.org](http://www.nfrc.org).
139. NGA - National Glass Association; [www.glass.org](http://www.glass.org).
140. NHLA - National Hardwood Lumber Association; [www.nhla.com](http://www.nhla.com).
141. NLGA - National Lumber Grades Authority; [www.nlga.org](http://www.nlga.org).
142. NOFMA - National Oak Flooring Manufacturers Association; (see NWFA).
143. NOMMA - National Ornamental & Miscellaneous Metals Association; [www.nomma.org](http://www.nomma.org).
144. NRCA - National Roofing Contractors Association; [www.nrca.net](http://www.nrca.net).
145. NRMCA - National Ready Mixed Concrete Association; [www.nrmca.org](http://www.nrmca.org).
146. NSF - NSF International; [www.nsf.org](http://www.nsf.org).
147. NSI - Natural Stone Institute; [www.naturalstoneinstitute.org](http://www.naturalstoneinstitute.org).
148. NSPE - National Society of Professional Engineers; [www.nspe.org](http://www.nspe.org).
149. NSSGA - National Stone, Sand & Gravel Association; [www.nssga.org](http://www.nssga.org).
150. NTMA - National Terrazzo & Mosaic Association, Inc. (The); [www.ntma.com](http://www.ntma.com).
151. NWFA - National Wood Flooring Association; [www.nwfa.org](http://www.nwfa.org).
152. NWRA - National Waste & Recycling Association; [www.wasterecycling.org](http://www.wasterecycling.org).
153. PCI - Precast/Prestressed Concrete Institute; [www.pci.org](http://www.pci.org).
154. PDI - Plumbing & Drainage Institute; [www.pdionline.org](http://www.pdionline.org).
155. PLASA - PLASA; [www.plasa.org](http://www.plasa.org).



156. PLIB - Pacific Lumber Inspection Bureau; [www.plib.org](http://www.plib.org).
157. PVCPA - Uni-Bell PVC Pipe Association; [www.uni-bell.org](http://www.uni-bell.org).
158. RCSC - Research Council on Structural Connections; [www.boltcouncil.org](http://www.boltcouncil.org).
159. RFCI - Resilient Floor Covering Institute; [www.rfci.com](http://www.rfci.com).
160. RIS - Redwood Inspection Service; (see WWPAA).
161. SAE - SAE International; [www.sae.org](http://www.sae.org).
162. SCTE - Society of Cable Telecommunications Engineers; [www.scte.org](http://www.scte.org).
163. SDI - Steel Deck Institute; [www.sdi.org](http://www.sdi.org).
164. SDI - Steel Door Institute; [www.steeldoor.org](http://www.steeldoor.org).
165. SEFA - Scientific Equipment and Furniture Association (The); [www.sefalabs.com](http://www.sefalabs.com).
166. SEI/ASCE - Structural Engineering Institute/American Society of Civil Engineers; (see ASCE).
167. SIA - Security Industry Association; [www.securityindustry.org](http://www.securityindustry.org).
168. SJI - Steel Joist Institute; [www.steeljoist.org](http://www.steeljoist.org).
169. SMA - Screen Manufacturers Association; [www.smainfo.org](http://www.smainfo.org).
170. SMACNA - Sheet Metal and Air Conditioning Contractors' National Association; [www.smacna.org](http://www.smacna.org).
171. SMPTE - Society of Motion Picture and Television Engineers; [www.smpte.org](http://www.smpte.org).
172. SPFA - Spray Polyurethane Foam Alliance; [www.sprayfoam.org](http://www.sprayfoam.org).
173. SPIB - Southern Pine Inspection Bureau; [www.spib.org](http://www.spib.org).
174. SPRI - Single Ply Roofing Industry; [www.spri.org](http://www.spri.org).
175. SRCC - Solar Rating & Certification Corporation; [www.solar-rating.org](http://www.solar-rating.org).
176. SSINA - Specialty Steel Industry of North America; [www.ssina.com](http://www.ssina.com).
177. SSPC - SSPC: The Society for Protective Coatings; (see AMPP).
178. STI/SPFA - Steel Tank Institute/Steel Plate Fabricators Association; [www.steeltank.com](http://www.steeltank.com).
179. SWI - Steel Window Institute; [www.steelwindows.com](http://www.steelwindows.com).
180. SWPA - Submersible Wastewater Pump Association; [www.swpa.org](http://www.swpa.org).
181. TCA - Tilt-Up Concrete Association; [www.tilt-up.org](http://www.tilt-up.org).
182. TCNA - Tile Council of North America, Inc.; [www.tcnatile.com](http://www.tcnatile.com).
183. TEMA - Tubular Exchanger Manufacturers Association, Inc.; [www.kbcdco.tema.org](http://www.kbcdco.tema.org).
184. TIA - Telecommunications Industry Association (The); [www.tiaonline.org](http://www.tiaonline.org).
185. TMS - The Masonry Society; [www.masonrysociety.org](http://www.masonrysociety.org).
186. TPI - Truss Plate Institute; [www.tpinst.org](http://www.tpinst.org).
187. TPI - Turfgrass Producers International; [www.turfgrasssod.org](http://www.turfgrasssod.org).
188. TRI - Tile Roofing Industry Alliance; [www.tilerroofing.org](http://www.tilerroofing.org).
189. UL - Underwriters Laboratories Inc.; [www.ul.org](http://www.ul.org).
190. UL LLC - UL LLC; [www.ul.com](http://www.ul.com).
191. USAV - USA Volleyball; [www.usavolleyball.org](http://www.usavolleyball.org).
192. USGBC - U.S. Green Building Council; [www.usgbc.org](http://www.usgbc.org).
193. USITT - United States Institute for Theatre Technology, Inc.; [www.usitt.org](http://www.usitt.org).
194. WA - Wallcoverings Association; [www.wallcoverings.org](http://www.wallcoverings.org).
195. WCLIB - West Coast Lumber Inspection Bureau; (see PLIB).
196. WCMA - Window Covering Manufacturers Association; [www.wcmanet.org](http://www.wcmanet.org).
197. WDMA - Window & Door Manufacturers Association; [www.wdma.com](http://www.wdma.com).
198. WI - Woodwork Institute; [www.woodworkinstitute.com](http://www.woodworkinstitute.com).
199. WSRCA - Western States Roofing Contractors Association; [www.wsrca.com](http://www.wsrca.com).
200. WWPAA - Western Wood Products Association; [www.wwpa.org](http://www.wwpa.org).

- B. Code Agencies: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they are to mean the recognized name of the entities in the following list. This information is believed to be accurate as of the date of the Contract Documents.
1. DIN - Deutsches Institut für Normung e.V.; [www.din.de](http://www.din.de).
  2. IAPMO - International Association of Plumbing and Mechanical Officials; [www.iapmo.org](http://www.iapmo.org).
  3. ICC - International Code Council; [www.iccsafe.org](http://www.iccsafe.org).
  4. ICC-ES - ICC Evaluation Service, LLC; [www.icc-es.org](http://www.icc-es.org).
- C. Federal Government Agencies: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they are to mean the recognized name of the entities in the



following list. Information is subject to change and is up to date as of the date of the Contract Documents.

1. CPSC - U.S. Consumer Product Safety Commission; [www.cpsc.gov](http://www.cpsc.gov).
2. DOC - U.S. Department of Commerce; [www.commerce.gov](http://www.commerce.gov).
3. DOD - U.S. Department of Defense; [www.defense.gov](http://www.defense.gov).
4. DOE - U.S. Department of Energy; [www.energy.gov](http://www.energy.gov).
5. DOJ - U.S. Department of Justice; [www.ojp.usdoj.gov](http://www.ojp.usdoj.gov)
6. DOS - U.S. Department of State; [www.state.gov](http://www.state.gov).
7. EPA - United States Environmental Protection Agency; [www.epa.gov](http://www.epa.gov).
8. FAA - Federal Aviation Administration; [www.faa.gov](http://www.faa.gov).
9. GPO - U.S. Government Publishing Office; [www.gpo.gov](http://www.gpo.gov).
10. GSA - U.S. General Services Administration; [www.gsa.gov](http://www.gsa.gov).
11. HUD - U.S. Department of Housing and Urban Development; [www.hud.gov](http://www.hud.gov).
12. LBNL - Lawrence Berkeley National Laboratory; Energy Technologies Area; [www.lbl.gov/](http://www.lbl.gov/).
13. NIST - National Institute of Standards and Technology; [www.nist.gov](http://www.nist.gov).
14. OSHA - Occupational Safety & Health Administration; [www.osha.gov](http://www.osha.gov).
15. TRB - Transportation Research Board; National Cooperative Highway Research Program; The National Academies; [www.trb.org](http://www.trb.org).
16. USACE - U.S. Army Corps of Engineers; [www.usace.army.mil](http://www.usace.army.mil).
17. USDA - U.S. Department of Agriculture; Agriculture Research Service; U.S. Salinity Laboratory; [www.ars.usda.gov](http://www.ars.usda.gov).
18. USDA - U.S. Department of Agriculture; Rural Utilities Service; [www.usda.gov](http://www.usda.gov).
19. USP - U.S. Pharmacopeial Convention; [www.usp.org](http://www.usp.org).
20. USPS - United States Postal Service; [www.usps.com](http://www.usps.com).

D. Standards and Regulations: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they are to mean the recognized name of the standards and regulations in the following list. This information is subject to change and is believed to be accurate as of the date of the Contract Documents.

1. CFR - Code of Federal Regulations; Available from U.S. Government Publishing Office; [www.govinfo.gov](http://www.govinfo.gov).
2. DOD - U.S. Department of Defense; Military Specifications and Standards; Available from DLA Document Services; [www.dsp.dla.mil/Specs-Standards/](http://www.dsp.dla.mil/Specs-Standards/).
3. DSCC - Defense Supply Center Columbus; (see FS).
4. FED-STD - Federal Standard; (see FS).
5. FS - Federal Specification; Available from DLA Document Services; [www.dsp.dla.mil/Specs-Standards/](http://www.dsp.dla.mil/Specs-Standards/).
  - a. Available from Defense Standardization Program; [www.dsp.dla.mil](http://www.dsp.dla.mil).
  - b. Available from U.S. General Services Administration; [www.gsa.gov](http://www.gsa.gov).
  - c. Available from National Institute of Building Sciences/Whole Building Design Guide; [www.wbdg.org](http://www.wbdg.org).
6. MILSPEC - Military Specification and Standards; (see DOD).
7. USAB - United States Access Board; [www.access-board.gov](http://www.access-board.gov).
8. USATBCB - U.S. Architectural & Transportation Barriers Compliance Board; (see USAB).

E. State Government Agencies: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they are to mean the recognized name of the entities in the following list. This information is subject to change and is believed to be accurate as of the date of the Contract Documents.

1. BEARHFTI; California Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation; (see BHGS).
2. BHGS; State of California Bureau of Household Goods and Services; (Formerly: California Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation); [www.bhgs.dca.ca.gov](http://www.bhgs.dca.ca.gov).
3. CCR; California Code of Regulations; Office of Administrative Law; California Title 24 Energy Code; [www.oal.ca.gov/publications/ccr/](http://www.oal.ca.gov/publications/ccr/).
4. CDPH; California Department of Public Health; Indoor Air Quality Program; [www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/Main-Page.aspx](http://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/Main-Page.aspx).



5. CPUC; California Public Utilities Commission; [www.cpuc.ca.gov](http://www.cpuc.ca.gov).
6. SCAQMD; South Coast Air Quality Management District; [www.aqmd.gov](http://www.aqmd.gov).
7. TFS; Texas A&M Forest Service; Sustainable Forestry and Economic Development;  
<https://tfsweb.tamu.edu/>.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 42 00**



## SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes requirements for temporary utilities, support facilities, and security and protection facilities.

#### 1.2 USE CHARGES

- A. Installation, removal, and use charges for temporary facilities shall be included in the Contract Sum unless otherwise indicated. Allow other entities engaged in the Project to use temporary services and facilities without cost, including, but not limited to, Owner's construction forces, Architect, testing agencies, and authorities having jurisdiction.
- B. Sewer Service: Pay sewer-service use charges for sewer usage by all entities for construction operations.
- C. Water Service: Pay water-service use charges for water used by all entities for construction operations.
- D. Electric Power Service: Pay electric-power-service use charges for electricity used by all entities for construction operations.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Site Utilization Plan: Show temporary facilities, temporary utility lines and connections, staging areas, construction site entrances, vehicle circulation, and parking areas for construction personnel.
- B. Project Identification and Temporary Signs: Show fabrication and installation details, including plans, elevations, details, layouts, typestyles, graphic elements, and message content.
- C. Fire-Safety Program: Show compliance with requirements of NFPA 241 and authorities having jurisdiction. Indicate Contractor personnel responsible for management of fire-prevention program.

#### 1.4 QUALITY ASSURANCE

- A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
- B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.

#### 1.5 PROJECT CONDITIONS

- A. Temporary Use of Permanent Facilities: Engage Installer of each permanent service to assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.



## PART 2 - PRODUCTS

### 2.1 MATERIALS

- A. Chain-Link Fencing: Minimum 2-inch, 0.148-inch- thick, galvanized-steel, chain-link fabric fencing; minimum 6 feet high with galvanized-steel pipe posts; minimum 2-3/8-inch- OD line posts and 2-7/8-inch- OD corner and pull posts, with 1-5/8-inch- OD top rails.
- B. Fencing Windscreen Privacy Screen: Polyester fabric scrim with grommets for attachment to chain link fence, sized to height of fence, in color selected by Architect from manufacturer's standard colors.
- C. Polyethylene Sheet: Reinforced, fire-resistive sheet, 10-mil minimum thickness, with flame-spread rating of 15 or less in accordance with ASTM E 84 and passing NFPA 701 Test Method 2.
- D. Dust-Control Adhesive-Surface Walk-Off Mats: Provide mats minimum 36 by 60 inches.
- E. Insulation: Unfaced mineral-fiber blanket, manufactured from glass, slag wool, or rock wool; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively.

### 2.2 TEMPORARY FACILITIES

- A. Field Offices: Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading.
- B. Common-Use Field Office: Of sufficient size to accommodate needs of Owner, Architect, and construction personnel office activities and to accommodate Project meetings specified in other Division 01 Sections. Keep office clean and orderly. Furnish and equip offices as follows:
  - 1. Furniture required for Project-site documents including file cabinets, plan tables, plan racks, and bookcases.
  - 2. Conference room of sufficient size to accommodate project meetings. Provide electrical power service and 120-V ac duplex receptacles, with no fewer than one receptacle at 6'-0" o.c. maximum spacing, on each wall. Furnish room with conference table, chairs, and tack and marker boards.
  - 3. Drinking water and private toilet.
  - 4. Heating and cooling equipment necessary to maintain a uniform indoor temperature of 68 to 72 deg F.
  - 5. Lighting fixtures capable of maintaining average illumination of 20 fc at desk height.
- C. Storage and Fabrication Sheds: Provide sheds sized, furnished, and equipped to accommodate materials and equipment for construction operations.
  - 1. Store combustible materials apart from building.

### 2.3 EQUIPMENT

- A. Fire Extinguishers: Portable, UL rated; with class and extinguishing agent as required by locations and classes of fire exposures.
- B. HVAC Equipment: Unless Owner authorizes use of permanent HVAC system, provide vented, self-contained, liquid-propane-gas or fuel-oil heaters with individual space thermostatic control.
  - 1. Use of electrical-resistance heaters, gasoline-burning space heaters, open-flame heaters, or salamander-type heating units is prohibited.
  - 2. Heating, Cooling, and Dehumidifying Units: Listed and labeled for type of fuel being consumed, by a qualified testing agency acceptable to authorities having jurisdiction and marked for intended location and application.
  - 3. Permanent HVAC System: If Owner authorizes use of permanent HVAC system for temporary use during construction, provide filter with MERV of 8 at each return-air grille



in system and remove at end of construction and clean HVAC system as required in Section 01 77 00 "Closeout Procedures."

### **PART 3 - EXECUTION**

#### **3.1 TEMPORARY FACILITIES, GENERAL**

- A. Conservation: Coordinate construction and use of temporary facilities with consideration given to conservation of energy, water, and materials. Coordinate use of temporary utilities to minimize waste.

#### **3.2 INSTALLATION, GENERAL**

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.
- B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

#### **3.3 TEMPORARY UTILITY INSTALLATION**

- A. General: Install temporary service or connect to existing service.
  - 1. Arrange with utility company, Owner, and existing users for time when service can be interrupted, if necessary, to make connections for temporary services.
- B. Sewers and Drainage: Provide temporary utilities to remove effluent lawfully.
  - 1. Connect temporary sewers to municipal system as directed by authorities having jurisdiction.
- C. Water Service: Install water service and distribution piping in sizes and pressures adequate for construction.
- D. Sanitary Facilities: Provide temporary toilets, wash facilities, safety shower and eyewash facilities, and drinking water for use of construction personnel. Comply with requirements of authorities having jurisdiction for type, number, location, operation, and maintenance of fixtures and facilities.
- E. Electric Power Service: Provide electric power service and distribution system of sufficient size, capacity, and power characteristics required for construction operations.
- F. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations, observations, inspections, and traffic conditions.
  - 1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
- G. Telephone Service: Not required; provide superintendent with cellular telephone.

#### **3.4 SUPPORT FACILITIES INSTALLATION**

- A. General: Comply with the following:
  - 1. Provide construction for temporary offices, shops, and sheds located within construction area or within 30 feet of building lines that is noncombustible according to ASTM E 136. Comply with NFPA 241.
  - 2. Maintain support facilities until Architect schedules Substantial Completion inspection. Remove before Substantial Completion. Personnel remaining after Substantial Completion will be permitted to use permanent facilities, under conditions acceptable to Owner.



- B. Temporary Use of Planned Permanent Roads and Paved Areas: Locate temporary roads and paved areas in same location as permanent roads and paved areas. Construct and maintain temporary roads and paved areas adequate for construction operations. Extend temporary roads and paved areas, within construction limits indicated, as necessary for construction operations.
  - 1. Coordinate elevations of temporary roads and paved areas with permanent roads and paved areas.
  - 2. Prepare subgrade and install subbase and base for temporary roads and paved areas according to Section 31 20 00 "Earth Moving."
  - 3. Recondition base after temporary use, including removing contaminated material, regrading, proofrolling, compacting, and testing.
  - 4. Delay installation of final course of permanent hot-mix asphalt pavement until immediately before Substantial Completion. Repair hot-mix asphalt base-course pavement before installation of final course according to Section 32 10 00 "Paving."
- C. Traffic Controls: Comply with requirements of authorities having jurisdiction.
  - 1. Protect existing site improvements to remain including curbs, pavement, and utilities.
  - 2. Maintain access for fire-fighting equipment and access to fire hydrants.
- D. Parking: Use designated areas of Project site for parking areas for construction personnel.
- E. Storage and Staging: Use designated areas of Project site for storage and staging needs.
- F. Dewatering Facilities and Drains: Comply with requirements of authorities having jurisdiction. Maintain Project site, excavations, and construction free of water.
  - 1. Dispose of rainwater in a lawful manner that will not result in flooding Project or adjoining properties or endanger permanent Work or temporary facilities.
  - 2. Remove snow and ice as required to minimize accumulations.
- G. Project Signs: Provide Project signs as indicated. Unauthorized signs are not permitted.
  - 1. Identification Signs: Provide Project identification signs as indicated on Drawings.
  - 2. Temporary Signs: Provide other signs as indicated and as required to inform public and individuals seeking entrance to Project.
    - a. Provide temporary, directional signs for construction personnel and visitors.
  - 3. Maintain and touch up signs so they are legible at all times.
- H. Waste Disposal Facilities: Provide waste-collection containers in sizes adequate to handle waste from construction operations. Comply with requirements of authorities having jurisdiction. Comply with progress cleaning requirements in Section 01 73 00 "Execution."
- I. Lifts and Hoists: Provide facilities necessary for hoisting materials and personnel.
  - 1. Truck cranes and similar devices used for hoisting materials are considered "tools and equipment" and not temporary facilities.
- J. Temporary Elevator Use: Use of elevators is not permitted..
- K. Temporary Stairs: Until permanent stairs are available, provide temporary stairs where ladders are not adequate.
- L. Temporary Use of Permanent Stairs: Use of new stairs for construction traffic will be permitted, provided stairs are protected and finishes restored to new condition at time of Substantial Completion.

### 3.5 SECURITY AND PROTECTION FACILITIES INSTALLATION

- A. Protection of Existing Facilities: Protect existing vegetation, equipment, structures, utilities, and other improvements at Project site and on adjacent properties, except those indicated to be removed or altered. Repair damage to existing facilities.



1. Where access to adjacent properties is required in order to affect protection of existing facilities, obtain written permission from adjacent property owner to access property for that purpose.
- B. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction as required to comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.
  1. Comply with work restrictions specified in Section 01 10 00 "Summary."
- C. Temporary Erosion and Sedimentation Control: Provide measures to prevent soil erosion and discharge of soil-bearing water runoff and airborne dust to undisturbed areas and to adjacent properties and walkways, according to erosion- and sedimentation-control Drawings.
  1. Verify that flows of water redirected from construction areas or generated by construction activity do not enter or cross tree- or plant-protection zones.
  2. Inspect, repair, and maintain erosion- and sedimentation-control measures during construction until permanent vegetation has been established.
  3. Clean, repair, and restore adjoining properties and roads affected by erosion and sedimentation from Project site during the course of Project.
  4. Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal.
- D. Stormwater Control: Comply with requirements of authorities having jurisdiction. Provide barriers in and around excavations and subgrade construction to prevent flooding by runoff of stormwater from heavy rains.
- E. Tree and Plant Protection: Install temporary fencing located as indicated or outside the drip line of trees to protect vegetation from damage from construction operations. Protect tree root systems from damage, flooding, and erosion.
- F. Security Enclosure and Lockup: Install temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security. Lock entrances at end of each workday.
- G. Barricades, Warning Signs, and Lights: Comply with requirements of authorities having jurisdiction for erecting structurally adequate barricades, including warning signs and lighting.
- H. Temporary Enclosures: Provide temporary enclosures for protection of construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities. Provide temporary weathertight enclosure for building exterior.
  1. Where heating or cooling is needed and permanent enclosure is incomplete, insulate temporary enclosures.
- I. Temporary Fire Protection: Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241; manage fire-prevention program.
  1. Prohibit smoking in construction areas. Comply with additional limits on smoking specified in other Sections.
  2. Supervise welding operations, combustion-type temporary heating units, and similar sources of fire ignition according to requirements of authorities having jurisdiction.
  3. Develop and supervise an overall fire-prevention and -protection program for personnel at Project site. Review needs with local fire department and establish procedures to be followed. Instruct personnel in methods and procedures. Post warnings and information.

### 3.6 MOISTURE AND MOLD CONTROL

- A. Moisture and Mold Protection: Protect stored materials and installed Work in accordance with Moisture and Mold Protection Plan.



- B. Exposed Construction Period: Before installation of weather barriers, when materials are subject to wetting and exposure and to airborne mold spores, protect as follows:
  - 1. Protect porous materials from water damage.
  - 2. Protect stored and installed material from flowing or standing water.
  - 3. Keep porous and organic materials from coming into prolonged contact with concrete.
  - 4. Remove standing water from decks.
  - 5. Keep deck openings covered or dammed.
- C. Partially Enclosed Construction Period: After installation of weather barriers but before full enclosure and conditioning of building, when installed materials are still subject to infiltration of moisture and ambient mold spores, protect as follows:
  - 1. Do not load or install drywall or other porous materials or components, or items with high organic content, into partially enclosed building.
  - 2. Keep interior spaces reasonably clean and protected from water damage.
  - 3. Periodically collect and remove waste containing cellulose or other organic matter.
  - 4. Discard or replace water-damaged material.
  - 5. Do not install material that is wet.
  - 6. Discard and replace stored or installed material that begins to grow mold.
  - 7. Perform work in a sequence that allows wet materials adequate time to dry before enclosing the material in gypsum board or other interior finishes.
- D. Controlled Construction Period: After completing and sealing of the building enclosure but prior to the full operation of permanent HVAC systems, maintain as follows:
  - 1. Control moisture and humidity inside building by maintaining effective dry-in conditions.
  - 2. Use temporary or permanent HVAC system to control humidity within ranges specified for installed and stored materials.
  - 3. Comply with manufacturer's written instructions for temperature, relative humidity, and exposure to water limits.
    - a. Hygroscopic materials that may support mold growth, including wood and gypsum-based products, that become wet during the course of construction and remain wet for 48 hours are considered defective and require replacing.
    - b. Measure moisture content of materials that have been exposed to moisture during construction operations or after installation. Record readings beginning at time of exposure and continuing daily for 48 hours. Identify materials containing moisture levels higher than allowed. Report findings in writing to Architect.
    - c. Remove and replace materials that cannot be completely restored to their manufactured moisture level within 48 hours.

### 3.7 OPERATION, TERMINATION, AND REMOVAL

- A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.
- B. Maintenance: Maintain facilities in good operating condition until removal.
  - 1. Maintain operation of temporary enclosures, heating, cooling, humidity control, ventilation, and similar facilities on a 24-hour basis where required to achieve indicated results and to avoid possibility of damage.
- C. Temporary Facility Changeover: Do not change over from using temporary security and protection facilities to permanent facilities until Substantial Completion.
- D. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.
  - 1. Materials and facilities that constitute temporary facilities are property of Contractor. Owner reserves right to take possession of Project identification signs.



2. Remove temporary roads and paved areas not intended for or acceptable for integration into permanent construction. Where area is intended for landscape development, remove soil and aggregate fill that do not comply with requirements for fill or subsoil. Remove materials contaminated with road oil, asphalt and other petrochemical compounds, and other substances that might impair growth of plant materials or lawns. Repair or replace street paving, curbs, and sidewalks at temporary entrances, as required by authorities having jurisdiction.
3. At Substantial Completion, repair, renovate, and clean permanent facilities used during construction period. Comply with final cleaning requirements specified in Section 01 77 00 "Closeout Procedures."

**END OF SECTION 01 50 00**



## SECTION 01 60 00 - PRODUCT REQUIREMENTS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for selection of products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; and comparable products.
- B. Related Requirements:
  - 1. Section 01 21 00 "Allowances" for products selected under an allowance.
  - 2. Section 01 23 00 "Alternates" for products selected under an alternate.
  - 3. Section 01 25 00 "Substitution Procedures" for requests for substitutions.
  - 4. Section 01 42 00 "References" for applicable industry standards for products specified.

#### 1.2 DEFINITIONS

- A. Products: Items obtained for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.
  - 1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation shown or listed in manufacturer's published product literature that is current as of date of the Contract Documents.
  - 2. New Products: Items that have not previously been incorporated into another project or facility. Products salvaged or recycled from other projects are not considered new products.
  - 3. Comparable Product: Product by named manufacturer that is demonstrated and approved through the comparable product submittal process described in "Comparable Products" Article, to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.
- B. Basis-of-Design Product Specification: A specification in which a single manufacturer's product is named and accompanied by the words "basis-of-design product," including make or model number or other designation. Published attributes and characteristics of basis-of-design product establish salient characteristics of products.
  - 1. Evaluation of Comparable Products: In addition to the basis-of-design product description, product attributes and characteristics may be listed to establish the significant qualities related to type, function, in-service performance and physical properties, weight, dimension, durability, visual characteristics, and other special features and requirements for purposes of evaluating comparable products of additional manufacturers named in the specification. Manufacturer's published attributes and characteristics of basis-of-design product also establish salient characteristics of products for purposes of evaluating comparable products.
- C. Subject to Compliance with Requirements: Where the phrase "Subject to compliance with requirements" introduces a product selection procedure in an individual Specification Section, provide products qualified under the specified product procedure. In the event that a named product or product by a named manufacturer does not meet the other requirements of the specifications, select another named product or product from another named manufacturer that does meet the requirements of the specifications. Submit a comparable product or substitution request, if applicable.
- D. Comparable Product Request Submittal: An action submittal requesting consideration of a comparable product, including the following information:



1. Identification of basis-of-design product or fabrication or installation method to be replaced, including Specification Section number and title and Drawing numbers and titles.
  2. Data indicating compliance with the requirements specified in "Comparable Products" Article.
- E. Basis-of-Design Product Submittal: An action submittal complying with requirements in Section 01 33 00 "Submittal Procedures" that demonstrates compliance with requirements.
- F. Substitution: Refer to Section 01 25 00 "Substitution Procedures" for definition and limitations on substitutions.

### 1.3 QUALITY ASSURANCE

- A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, select product compatible with products previously selected, even if previously selected products were also options.
1. Resolution of Compatibility Disputes between Multiple Contractors:
    - a. Contractors are responsible for providing products and construction methods compatible with products and construction methods of other contractors.
    - b. If a dispute arises between the multiple contractors over concurrently selectable but incompatible products, Architect will determine which products shall be used.
- B. Identification of Products: Except for required labels and operating data, do not attach or imprint manufacturer or product names or trademarks on exposed surfaces of products or equipment that will be exposed to view in occupied spaces or on the exterior.
1. Labels: Locate required product labels and stamps on a concealed surface, or, where required for observation following installation, on a visually accessible surface that is not conspicuous.
  2. Equipment Nameplates: Provide a permanent nameplate on each item of service-connected or power-operated equipment. Locate on a visually accessible but inconspicuous surface. Include information essential for operation, including the following:
    - a. Name of product and manufacturer.
    - b. Model and serial number.
    - c. Capacity.
    - d. Speed.
    - e. Ratings.
  3. See individual identification sections in Divisions 21, 22, 23, and 26 for additional identification requirements.

### 1.4 COORDINATION

- A. Modify or adjust affected work as necessary to integrate work of approved comparable products and approved substitutions.

### 1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, and handle products using means and methods that will prevent damage, deterioration, and loss, including theft and vandalism. Comply with manufacturer's written instructions.
- B. Delivery and Handling:
1. Schedule delivery to minimize long-term storage at Project site and to prevent overcrowding of construction spaces.
  2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.



3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
4. Inspect products on delivery to determine compliance with the Contract Documents and to determine that products are undamaged and properly protected.

C. Storage:

1. Provide a secure location and enclosure at Project site for storage of materials and equipment.
2. Store products to allow for inspection and measurement of quantity or counting of units.
3. Store materials in a manner that will not endanger Project structure.
4. Store products that are subject to damage by the elements, under cover in a weathertight enclosure above ground, with ventilation adequate to prevent condensation and with adequate protection from the wind.
5. Protect foam plastic from exposure to sunlight, except to extent necessary for period of installation and concealment.
6. Comply with product manufacturer's written instructions for temperature, humidity, ventilation, and weather-protection requirements for storage.
7. Protect stored products from damage and liquids from freezing.

## 1.6 PRODUCT WARRANTIES

- A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.
1. Manufacturer's Warranty: Written warranty furnished by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.
  2. Special Warranty: Written warranty required by the Contract Documents to provide specific rights for Owner.
- B. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution.
1. Manufacturer's Standard Form: Modified to include Project-specific information and properly executed.
  2. Specified Form: When specified forms are included with the Specifications, prepare a written document using indicated form properly executed.
  3. See other Sections for specific content requirements and particular requirements for submitting special warranties.
- C. Submittal Time: Comply with requirements in Section 01 77 00 "Closeout Procedures."

## PART 2 - PRODUCTS

### 2.1 PRODUCT SELECTION PROCEDURES

- A. General Product Requirements: Provide products that comply with the Contract Documents, are undamaged and, unless otherwise indicated, are new at time of installation.
1. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.
  2. Standard Products: If available, and unless custom products or nonstandard options are specified, provide standard products of types that have been produced and used successfully in similar situations on other projects.
  3. Owner reserves the right to limit selection to products with warranties meeting requirements of the Contract Documents.
  4. Where products are accompanied by the term "as selected," Architect will make selection.
  5. Descriptive, performance, and reference standard requirements in the Specifications establish salient characteristics of products.



6. Or Equal: For products specified by name and accompanied by the term "or equal," or "or approved equal," or "or approved," comply with requirements in "Comparable Products" Article to obtain approval for use of an unnamed product.
    - a. Submit additional documentation required by Architect in order to establish equivalency of proposed products. Evaluation of "or equal" product status is by the Architect; whose determination is final.
- B. Product Selection Procedures:
1. Sole Product: Where Specifications name a single manufacturer and product, provide the named product that complies with requirements.
    - a. Sole product may be indicated by the phrase: "Subject to compliance with requirements, provide the following: ..."
  2. Sole Manufacturer/Source: Where Specifications name a single manufacturer or source, provide a product by the named manufacturer or source that complies with requirements.
    - a. Sole manufacturer/source may be indicated by the phrase: "Subject to compliance with requirements, provide products by the following: ..."
  3. Limited List of Products: Where Specifications include a list of names of both manufacturers and products, provide one of the products listed that complies with requirements.
    - a. Limited list of products may be indicated by the phrase: "Subject to compliance with requirements, provide one of the following: ..."
  4. Limited List of Manufacturers: Where Specifications include a list of manufacturers' names, provide a product by one of the manufacturers listed that complies with requirements.
    - a. Limited list of manufacturers is indicated by the phrase: "Subject to compliance with requirements, provide products by one of the following: ..."
  5. Basis-of-Design Product: Where Specifications name a product, or refer to a product indicated on Drawings, and include a list of manufacturers, provide the specified or indicated product or a comparable product by one of the other named manufacturers. Drawings and Specifications indicate sizes, profiles, dimensions, and other characteristics that are based on the product named. Comply with requirements in "Comparable Products" Article for consideration of an unnamed product by one of the other named manufacturers.
    - a. For approval of products by unnamed manufacturers, comply with requirements in Section 01 25 00 "Substitution Procedures" for substitutions for convenience.
- C. Visual Matching Specification: Where Specifications require "match Architect's sample," provide a product that complies with requirements and matches Architect's sample. Architect's decision will be final on whether a proposed product matches.
1. If no product available within specified category matches and complies with other specified requirements, comply with requirements in Section 01 25 00 "Substitution Procedures" for proposal of product.
- D. Visual Selection Specification: Where Specifications include the phrase "as selected by Architect from manufacturer's full range" or similar phrase, select a product that complies with requirements. Architect will select color, gloss, pattern, density, or texture from manufacturer's product line that includes both standard and premium items.

## 2.2 COMPARABLE PRODUCTS

- A. Conditions for Consideration of Comparable Products: Architect will consider Contractor's request for comparable product when the following conditions are satisfied. If the following conditions are not satisfied, Architect may return requests without action, except to record noncompliance with these requirements:
1. Evidence that proposed product does not require revisions to the Contract Documents, is consistent with the Contract Documents, will produce the indicated results, and is compatible with other portions of the Work.
  2. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant product qualities include attributes such as type, function, in-



- service performance and physical properties, weight, dimension, durability, visual characteristics, and other specific features and requirements.
3. Evidence that proposed product provides specified warranty.
  4. List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners, if requested.
  5. Samples, if requested.
- B. Architect's Action on Comparable Products Submittal: If necessary, Architect will request additional information or documentation for evaluation. Architect will notify Contractor of approval or rejection of proposed comparable product within 15 days of receipt of request, or seven days of receipt of additional information or documentation, whichever is later.
1. Submittal Procedures: Comply with Section 01 33 00 "Submittal Procedures."
  2. Use product specified if Architect does not issue a decision on use of a comparable product request within time allocated.
- C. Submittal Requirements:
1. Approval by the Architect of Contractor's request for use of comparable product is not intended to satisfy other submittal requirements. Comply with specified submittal requirements in individual Specification Sections.
  2. When approved in advance by Architect, other submittal requirements specified in individual Specification Sections may be combined with comparable product submittal. Approval by the Architect of comparable product submittal and of other submittal requirements will satisfy product's submittal requirements.

### **PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 60 00**



## SECTION 01 73 00 - EXECUTION

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes general administrative and procedural requirements governing execution of the Work including, but not limited to, the following:
  - 1. Construction layout.
  - 2. Field engineering and surveying.
  - 3. Installation of the Work.
  - 4. Progress cleaning.
  - 5. Starting and adjusting.
  - 6. Repair of the Work.
  - 7. Protection of installed construction.
- B. Related Requirements:
  - 1. Section 01 10 00 "Summary" for limits on use of Project site.

#### 1.2 QUALITY ASSURANCE

- A. Land Surveyor Qualifications: A professional land surveyor who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing land-surveying services of the kind indicated.
- B. Manufacturer's Installation Instructions: Obtain and maintain on-site manufacturer's written recommendations and instructions for installation of products and equipment.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. General: Comply with requirements specified in other Sections.
- B. In-Place Materials: Use materials for patching identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.
  - 1. If identical materials are unavailable or cannot be used, use materials that, when installed, will provide a match acceptable to Architect for the visual and functional performance of in-place materials.
- C. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Existing Conditions: The existence and location of underground and other utilities and construction indicated as existing are not guaranteed. Before beginning sitework, investigate and verify the existence and location of underground utilities, mechanical and electrical systems, and other construction affecting the Work.
  - 1. Before construction, verify the location and invert elevation at points of connection of sanitary sewer, storm sewer, and water-service piping; underground electrical services; and other utilities.



2. Furnish location data for work related to Project that must be performed by public utilities serving Project site.
- B. Examination and Acceptance of Conditions: Before proceeding with each component of the Work, examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.
1. Examine roughing-in for mechanical and electrical systems to verify actual locations of connections before equipment and fixture installation.
  2. Examine walls, floors, and roofs for suitable conditions where products and systems are to be installed.
  3. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.
- C. Written Report: Where a written report listing conditions detrimental to performance of the Work is required by other Sections, include the following:
1. Description of the Work.
  2. List of detrimental conditions, including substrates.
  3. List of unacceptable installation tolerances.
  4. Recommended corrections.
- D. Proceed with installation only after unsatisfactory conditions have been corrected. Proceeding with the Work indicates acceptance of surfaces and conditions.

### 3.2 PREPARATION

- A. Existing Utility Information: Furnish information to local utility that is necessary to adjust, move, or relocate existing utility structures, utility poles, lines, services, or other utility appurtenances located in or affected by construction. Coordinate with authorities having jurisdiction.
- B. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
- C. Space Requirements: Verify space requirements and dimensions of items shown diagrammatically on Drawings.
- D. Review of Contract Documents and Field Conditions: Immediately on discovery of the need for clarification of the Contract Documents caused by differing field conditions outside the control of Contractor, submit a request for information to Architect according to requirements in Section 01 31 00 "Project Management and Coordination."

### 3.3 CONSTRUCTION LAYOUT

- A. Verification: Before proceeding to lay out the Work, verify layout information shown on Drawings, in relation to the property survey and existing benchmarks. If discrepancies are discovered, notify Architect promptly.
- B. General: Engage a land surveyor to lay out the Work using accepted surveying practices.
1. Establish benchmarks and control points to set lines and levels at each story of construction and elsewhere as needed to locate each element of Project.
  2. Establish limits on use of Project site.
  3. Establish dimensions within tolerances indicated. Do not scale Drawings to obtain required dimensions.
  4. Inform installers of lines and levels to which they must comply.
  5. Check the location, level and plumb, of every major element as the Work progresses.



6. Notify Architect when deviations from required lines and levels exceed allowable tolerances.
  7. Close site surveys with an error of closure equal to or less than the standard established by authorities having jurisdiction.
- C. Site Improvements: Locate and lay out site improvements, including pavements, grading, fill and topsoil placement, utility slopes, and rim and invert elevations.
- D. Building Lines and Levels: Locate and lay out control lines and levels for structures, building foundations, column grids, and floor levels, including those required for mechanical and electrical work. Transfer survey markings and elevations for use with control lines and levels. Level foundations and piers from two or more locations.
- E. Record Log: Maintain a log of layout control work. Record deviations from required lines and levels. Include beginning and ending dates and times of surveys, weather conditions, name and duty of each survey party member, and types of instruments and tapes used. Make the log available for reference by Architect.

### 3.4 FIELD ENGINEERING

- A. Identification: Owner will identify existing benchmarks, control points, and property corners.
- B. Reference Points: Locate existing permanent benchmarks, control points, and similar reference points before beginning the Work. Preserve and protect permanent benchmarks and control points during construction operations.
1. Do not change or relocate existing benchmarks or control points without prior written approval of Architect. Report lost or destroyed permanent benchmarks or control points promptly. Report the need to relocate permanent benchmarks or control points to Architect before proceeding.
  2. Replace lost or destroyed permanent benchmarks and control points promptly. Base replacements on the original survey control points.
- C. Benchmarks: Establish and maintain a minimum of two permanent benchmarks on Project site, referenced to data established by survey control points. Comply with authorities having jurisdiction for type and size of benchmark.
1. Record benchmark locations, with horizontal and vertical data, on Project Record Documents.
  2. Where the actual location or elevation of layout points cannot be marked, provide temporary reference points sufficient to locate the Work.
  3. Remove temporary reference points when no longer needed. Restore marked construction to its original condition.

### 3.5 INSTALLATION

- A. General: Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.
1. Make vertical work plumb and make horizontal work level.
  2. Where space is limited, install components to maximize space available for maintenance and ease of removal for replacement.
  3. Conceal pipes, ducts, and wiring in finished areas unless otherwise indicated.
  4. Maintain minimum headroom clearance of 96 inches in occupied spaces and 90 inches in unoccupied spaces.
- B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated.
- C. Install products at the time and under conditions that will ensure the best possible results. Maintain conditions required for product performance until Substantial Completion.



- D. Conduct construction operations so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy.
- E. Sequence the Work and allow adequate clearances to accommodate movement of construction items on site and placement in permanent locations.
- F. Tools and Equipment: Where possible, select tools or equipment that minimize production of excessive noise levels.
- G. Templates: Obtain and distribute to the parties involved templates for work specified to be factory prepared and field installed. Check Shop Drawings of other portions of the Work to confirm that adequate provisions are made for locating and installing products to comply with indicated requirements.
- H. Attachment: Provide blocking and attachment plates and anchors and fasteners of adequate size and number to securely anchor each component in place, accurately located and aligned with other portions of the Work. Where size and type of attachments are not indicated, verify size and type required for load conditions.
  - 1. Mounting Heights: Where mounting heights are not indicated, mount components at heights directed by Architect.
  - 2. Allow for building movement, including thermal expansion and contraction.
  - 3. Coordinate installation of anchorages. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.
- I. Joints: Make joints of uniform width. Where joint locations in exposed work are not indicated, arrange joints for the best visual effect. Fit exposed connections together to form hairline joints.

### 3.6 PROGRESS CLEANING

- A. General: Clean Project site and work areas daily, including common areas. Enforce requirements strictly. Dispose of materials lawfully.
  - 1. Comply with requirements in NFPA 241 for removal of combustible waste materials and debris.
  - 2. Do not hold waste materials more than seven days during normal weather or three days if the temperature is expected to rise above 80 deg F.
  - 3. Containerize hazardous and unsanitary waste materials separately from other waste. Mark containers appropriately and dispose of legally, according to regulations.
    - a. Use containers intended for holding waste materials of type to be stored.
  - 4. Coordinate progress cleaning for joint-use areas where Contractor and other contractors are working concurrently.
- B. Site: Maintain Project site free of waste materials and debris.
- C. Work Areas: Clean areas where work is in progress to the level of cleanliness necessary for proper execution of the Work.
  - 1. Remove liquid spills promptly.
  - 2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.
- D. Installed Work: Keep installed work clean. Clean installed surfaces according to written instructions of manufacturer or fabricator of product installed, using only cleaning materials specifically recommended. If specific cleaning materials are not recommended, use cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces.
- E. Concealed Spaces: Remove debris from concealed spaces before enclosing the space.



- F. Exposed Surfaces in Finished Areas: Clean exposed surfaces and protect as necessary to ensure freedom from damage and deterioration at time of Substantial Completion.
- G. Waste Disposal: Do not bury or burn waste materials on-site. Do not wash waste materials down sewers or into waterways. Comply with waste disposal requirements in Section 01 50 00 "Temporary Facilities and Controls."
- H. During handling and installation, clean and protect construction in progress and adjoining materials already in place. Apply protective covering where required to ensure protection from damage or deterioration at Substantial Completion.
- I. Clean and provide maintenance on completed construction as frequently as necessary through the remainder of the construction period. Adjust and lubricate operable components to ensure operability without damaging effects.
- J. Limiting Exposures: Supervise construction operations to ensure that no part of the construction, completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period.

### 3.7 STARTING AND ADJUSTING

- A. Coordinate startup and adjusting of equipment and operating components with requirements in Section 01 91 13 "General Commissioning Requirements."
- B. Start equipment and operating components to confirm proper operation. Remove malfunctioning units, replace with new units, and retest.
- C. Adjust equipment for proper operation. Adjust operating components for proper operation without binding.
- D. Test each piece of equipment to verify proper operation. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
- E. Manufacturer's Field Service: Comply with qualification requirements in Section 01 40 00 "Quality Requirements."

### 3.8 REPAIR OF THE WORK

- A. Complete repair and restoration operations before requesting inspection for determination of Substantial Completion.
- B. Repair, or remove and replace, defective construction. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment. Where damaged or worn items cannot be repaired or restored, provide replacements. Remove and replace operating components that cannot be repaired. Restore damaged construction and permanent facilities used during construction to specified condition.
  - 1. Remove and replace chipped, scratched, and broken glass, reflective surfaces, and other damaged transparent materials.
  - 2. Touch up and otherwise repair and restore marred or exposed finishes and surfaces. Replace finishes and surfaces that already show evidence of repair or restoration.
    - a. Do not paint over "UL" and other required labels and identification, including mechanical and electrical nameplates. Remove paint applied to required labels and identification.
  - 3. Replace parts subject to operating conditions during construction that may impede operation or reduce longevity.
  - 4. Replace burned-out bulbs, bulbs noticeably dimmed by hours of use, and defective and noisy starters in fluorescent and mercury vapor fixtures to comply with requirements for new fixtures.



**3.9 PROTECTION OF INSTALLED CONSTRUCTION**

- A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.
- B. Protection of Existing Items: Provide protection and ensure that existing items to remain undisturbed by construction are maintained in condition that existed at commencement of the Work.
- C. Comply with manufacturer's written instructions for temperature and relative humidity.

**END OF SECTION 01 73 00**



## **SECTION 01 77 00 - CLOSEOUT PROCEDURES**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

- A. Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:
  1. Substantial Completion procedures.
  2. Final completion procedures.
  3. Warranties.
  4. Final cleaning.

#### **1.2 DEFINITIONS**

- A. List of Incomplete Items: Contractor-prepared list of items to be completed or corrected, prepared for the Architect's use prior to Architect's inspection, to determine if the Work is substantially complete.

#### **1.3 ACTION SUBMITTALS**

- A. Contractor's List of Incomplete Items: Initial submittal at Substantial Completion.
- B. Certified List of Incomplete Items: Final submittal at final completion.

#### **1.4 CLOSEOUT SUBMITTALS**

- A. Certificates of Release: From authorities having jurisdiction.
- B. Certificate of Insurance: For continuing coverage.

#### **1.5 MAINTENANCE MATERIAL SUBMITTALS**

- A. Schedule of Maintenance Material Items: For maintenance material submittal items specified in other Sections.

#### **1.6 SUBSTANTIAL COMPLETION PROCEDURES**

- A. Contractor's List of Incomplete Items: Prepare and submit a list of items to be completed and corrected (Contractor's punch list), indicating the value of each item on the list and reasons why the Work is incomplete.
- B. Submittals Prior to Substantial Completion: Complete the following prior to requesting inspection for determining date of Substantial Completion. List items below that are incomplete at time of request.
  1. Certificates of Release: Obtain and submit releases from authorities having jurisdiction permitting Owner unrestricted use of the Work and access to services and utilities. Include occupancy permits, operating certificates, and similar releases.
  2. Submit closeout submittals specified in other Division 01 Sections, including project record documents, operation and maintenance manuals, damage or settlement surveys, property surveys, and similar final record information.
  3. Submit maintenance material submittals specified in individual Sections, including tools, spare parts, extra materials, and similar items, and deliver to location designated by Owner. Label with manufacturer's name and model number.
  4. Submit testing, adjusting, and balancing records.
  5. Submit changeover information related to Owner's occupancy, use, operation, and maintenance.



- C. Procedures Prior to Substantial Completion: Complete the following prior to requesting inspection for determining date of Substantial Completion. List items below that are incomplete at time of request.
1. Advise Owner of pending insurance changeover requirements.
  2. Make final changeover of permanent locks and deliver keys to Owner. Advise Owner's personnel of changeover in security provisions.
  3. Complete startup and testing of systems and equipment.
  4. Complete repair and restoration operations required by Section 01 73 00 "Execution".
  5. Perform preventive maintenance on equipment used prior to Substantial Completion.
  6. Instruct Owner's personnel in operation, adjustment, and maintenance of products, equipment, and systems. Submit demonstration and training video recordings specified in Section 01 79 00 "Demonstration and Training."
  7. Advise Owner of changeover in utility services.
  8. Participate with Owner in conducting inspection and walkthrough with local emergency responders.
  9. Terminate and remove temporary facilities from Project site, along with mockups, construction tools, and similar elements.
  10. Complete final cleaning requirements.
  11. Touch up paint and otherwise repair and restore marred exposed finishes to eliminate visual defects.
- D. Inspection: Submit a written request for inspection to determine Substantial Completion. On receipt of request, Architect will either proceed with inspection or notify Contractor of unfulfilled requirements. Architect will prepare the Certificate of Substantial Completion after inspection or will notify Contractor of items, either on Contractor's list or additional items identified by Architect, that must be completed or corrected before certificate will be issued.
1. Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.
  2. Results of completed inspection will form the basis of requirements for final completion.

## 1.7 FINAL COMPLETION PROCEDURES

- A. Submittals Prior to Final Completion: Before requesting final inspection for determining final completion, complete the following:
1. Submit a final Application for Payment according to Section 01 29 00 "Payment Procedures."
  2. Submit closeout submittals specified in individual Sections, including specific warranties, workmanship bonds, maintenance service agreements, final certifications, and similar documents.
  3. Certified List of Incomplete Items: Submit certified copy of Architect's Substantial Completion inspection list of items to be completed or corrected (punch list), endorsed and dated by Architect. Certified copy of the list shall state that each item has been completed or otherwise resolved for acceptance.
  4. Certificate of Insurance: Submit evidence of final, continuing insurance coverage complying with insurance requirements.
- B. Inspection: Submit a written request for final inspection to determine final completion. On receipt of request, Architect will either proceed with inspection or notify Contractor of unfulfilled requirements. Architect will prepare a final Certificate for Payment after inspection or will notify Contractor of construction that must be completed or corrected before certificate will be issued.
1. Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.

## 1.8 LIST OF INCOMPLETE ITEMS (PUNCH LIST)

- A. Organization of List: Include name and identification of each space and area affected by construction operations for incomplete items and items needing correction including, if necessary, areas disturbed by Contractor that are outside the limits of construction.



1. Organize list of spaces in sequential order, starting with exterior areas first and proceeding from lowest floor to highest floor, listed by room or space number.
2. Organize items applying to each space by major element, including categories for ceiling, individual walls, floors, equipment, and building systems.
3. Include the following information at the top of each page:
  - a. Project name.
  - b. Date.
  - c. Name of Architect.
  - d. Name of Contractor.
  - e. Page number.
4. Submit list of incomplete items in the following format:
  - a. PDF Electronic File: Architect will return annotated file.

## **1.9 SUBMITTAL OF PROJECT WARRANTIES**

- A. Time of Submittal: Submit written warranties prior to requesting final inspection.
- B. Partial Occupancy: Submit properly executed warranties within 15 days of completion of designated portions of the Work that are completed and occupied or used by Owner during construction period by separate agreement with Contractor.
- C. Organize warranty documents into an orderly sequence based on the table of contents of Project Manual.
- D. Warranty Electronic File: Provide warranties and bonds in PDF format. Assemble complete warranty and bond submittal package into a single electronic PDF file with bookmarks enabling navigation to each item. Provide bookmarked table of contents at beginning of document.
  1. Submit on digital media acceptable to Owner.
- E. Provide additional copies of each warranty to include in operation and maintenance manuals.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.

## **PART 3 - EXECUTION**

### **3.1 FINAL CLEANING**

- A. General: Perform final cleaning. Conduct cleaning and waste-removal operations to comply with local laws and ordinances and Federal and local environmental and antipollution regulations.
- B. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to condition expected in an average commercial building cleaning and maintenance program. Comply with manufacturer's written instructions.
  1. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion for entire Project or for a designated portion of Project:
    - a. Clean Project site, yard, and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and other foreign substances.
    - b. Sweep paved areas broom clean. Remove petrochemical spills, stains, and other foreign deposits.
    - c. Rake grounds that are not planted, mulched, or paved to a smooth, even-textured surface.



- d. Remove tools, construction equipment, machinery, and surplus material from Project site.
- e. Remove snow and ice to provide safe access to building.
- f. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films, and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original condition.
- g. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics, and similar spaces.
- h. Clean flooring, removing debris, dirt, and staining; clean according to manufacturer's recommendations.
- i. Vacuum and mop concrete.
- j. Vacuum carpet and similar soft surfaces, removing debris and excess nap; clean according to manufacturer's recommendations if visible soil or stains remain.
- k. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other noticeable, vision-obscuring materials. Polish mirrors and glass, taking care not to scratch surfaces.
- l. Remove labels that are not permanent.
- m. Wipe surfaces of mechanical and electrical equipment, elevator equipment, and similar equipment. Remove excess lubrication, paint and mortar droppings, and other foreign substances.
- n. Clean plumbing fixtures to a sanitary condition, free of stains, including stains resulting from water exposure.
- o. Replace disposable air filters and clean permanent air filters. Clean exposed surfaces of diffusers, registers, and grills.
- p. Clean ducts, blowers, and coils if units were operated without filters during construction or that display contamination with particulate matter on inspection.
  - 1) Clean HVAC system in compliance with NADCA ACR. Provide written report on completion of cleaning.
- q. Clean light fixtures, lamps, globes, and reflectors to function with full efficiency.
- r. Clean strainers.
- s. Leave Project clean and ready for occupancy.

C. Construction Waste Disposal: Comply with waste disposal requirements in Section 01 50 00 "Temporary Facilities and Controls."

**END OF SECTION 01 77 00**



## SECTION 01 78 23 - OPERATION AND MAINTENANCE DATA

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for preparing operation and maintenance manuals, including the following:
  - 1. Systems and equipment operation manuals.
  - 2. Systems and equipment maintenance manuals.
  - 3. Product maintenance manuals.
- B. Related Requirements:
  - 1. Section 01 33 00 "Submittal Procedures" for submitting copies of submittals for operation and maintenance manuals.
  - 2. Section 01 91 13 "General Commissioning Requirements" for verification and compilation of data into operation and maintenance manuals.

#### 1.2 DEFINITIONS

- A. System: An organized collection of parts, equipment, or subsystems united by regular interaction.
- B. Subsystem: A portion of a system with characteristics similar to a system.

#### 1.3 CLOSEOUT SUBMITTALS

- A. Submit operation and maintenance manuals indicated. Provide content for each manual as specified in individual Specification Sections, and as reviewed and approved at the time of Section submittals. Submit reviewed manual content formatted and organized as required by this Section.
  - 1. Architect and Commissioning Authority will comment on whether content of operation and maintenance submittals is acceptable.
  - 2. Where applicable, clarify and update reviewed manual content to correspond to revisions and field conditions.
- B. Format: Submit operation and maintenance manuals in the following format:
  - 1. PDF electronic file. Assemble each manual into a composite electronically indexed file. Submit on digital media acceptable to Architect.
- C. Initial Manual Submittal: Submit draft copy of each manual at least 45 days before commencing demonstration and training. Architect and Commissioning Authority will comment on whether general scope and content of manual are acceptable.
  - 1. Correct or revise each manual to comply with Architect's and Commissioning Authority's comments.
- D. Final Manual Submittal: Submit each manual in final form to Owner at least 15 days before commencing demonstration and training.
- E. Comply with Section 01 77 00 "Closeout Procedures" for schedule for submitting operation and maintenance documentation.

#### 1.4 FORMAT OF OPERATION AND MAINTENANCE MANUALS

- A. Manuals, Electronic Files: Submit manuals in the form of a multiple file composite electronic PDF file for each manual type required.



1. Electronic Files: Use electronic files prepared by manufacturer where available. Where scanning of paper documents is required, configure scanned file for minimum readable file size.
  - a. Documentation Format: Unrestricted, searchable, read-only, Portable Document Format (PDF) that allows printing, copying or extracting content, and the addition of markups using Adobe Acrobat, Bluebeam Revu, or similar PDF reading and editing software.
  - b. Electronically convert paper documents using Optical Character Recognition (OCR) software if needed to comply with specified documentation format properties.
2. File Names and Bookmarks: Bookmark individual documents based on file names. Name document files to correspond to system, subsystem, and equipment names used in manual directory and table of contents. Group documents for each system and subsystem into individual composite bookmarked files, then create composite manual, so that resulting bookmarks reflect the system, subsystem, and equipment names in a readily navigated file tree. Configure electronic manual to display bookmark panel on opening file.

## 1.5 REQUIREMENTS FOR OPERATION AND MAINTENANCE MANUALS

- A. Organization of Manuals: Unless otherwise indicated, organize each manual into a separate section for each system and subsystem, and a separate section for each piece of equipment not part of a system. Each manual shall contain the following materials, in the order listed:
  1. Title page.
  2. Table of contents.
  3. Manual contents.
- B. Title Page: Include the following information:
  1. Subject matter included in manual.
  2. Name and address of Project.
  3. Name and address of Owner.
  4. Date of submittal.
  5. Name and contact information for Contractor.
  6. Name and contact information for Architect.
  7. Name and contact information for Commissioning Authority.
  8. Names and contact information for major consultants to the Architect that designed the systems contained in the manuals.
  9. Cross-reference to related systems in other operation and maintenance manuals.
- C. Table of Contents: List each product included in manual, identified by product name, indexed to the content of the volume, and cross-referenced to Specification Section number in Project Manual.
  1. If operation or maintenance documentation requires more than one volume to accommodate data, include comprehensive table of contents for all volumes in each volume of the set.
- D. Manual Contents: Organize into sets of manageable size. Arrange contents alphabetically by system, subsystem, and equipment. If possible, assemble instructions for subsystems, equipment, and components of one system into a single binder.
- E. Identification: In the documentation directory and in each operation and maintenance manual, identify each system, subsystem, and piece of equipment with same designation used in the Contract Documents. If no designation exists, assign a designation according to ASHRAE Guideline 4, "Preparation of Operating and Maintenance Documentation for Building Systems."



## 1.6 SYSTEMS AND EQUIPMENT OPERATION MANUALS

- A. Systems and Equipment Operation Manual: Assemble a complete set of data indicating operation of each system, subsystem, and piece of equipment not part of a system. Include information required for daily operation and management, operating standards, and routine and special operating procedures.
  - 1. Engage a factory-authorized service representative to assemble and prepare information for each system, subsystem, and piece of equipment not part of a system.
  - 2. Prepare a separate manual for each system and subsystem, in the form of an instructional manual for use by Owner's operating personnel.
- B. Content: In addition to requirements in this Section, include operation data required in individual Specification Sections and the following information:
  - 1. System, subsystem, and equipment descriptions. Use designations for systems and equipment indicated on Contract Documents.
  - 2. Performance and design criteria if Contractor has delegated design responsibility.
  - 3. Operating standards.
  - 4. Operating procedures.
  - 5. Operating logs.
  - 6. Wiring diagrams.
  - 7. Control diagrams.
  - 8. Piped system diagrams.
  - 9. Precautions against improper use.
  - 10. License requirements including inspection and renewal dates.
- C. Descriptions: Include the following:
  - 1. Product name and model number. Use designations for products indicated on Contract Documents.
  - 2. Manufacturer's name.
  - 3. Equipment identification with serial number of each component.
  - 4. Equipment function.
  - 5. Operating characteristics.
  - 6. Limiting conditions.
  - 7. Performance curves.
  - 8. Engineering data and tests.
  - 9. Complete nomenclature and number of replacement parts.
- D. Operating Procedures: Include the following, as applicable:
  - 1. Startup procedures.
  - 2. Equipment or system break-in procedures.
  - 3. Routine and normal operating instructions.
  - 4. Regulation and control procedures.
  - 5. Instructions on stopping.
  - 6. Normal shutdown instructions.
  - 7. Seasonal and weekend operating instructions.
  - 8. Required sequences for electric or electronic systems.
  - 9. Special operating instructions and procedures.
- E. Systems and Equipment Controls: Describe the sequence of operation, and diagram controls as installed.
- F. Piped Systems: Diagram piping as installed and identify color coding where required for identification.

## 1.7 SYSTEMS AND EQUIPMENT MAINTENANCE MANUALS

- A. Systems and Equipment Maintenance Manuals: Assemble a complete set of data indicating maintenance of each system, subsystem, and piece of equipment not part of a system. Include manufacturers' maintenance documentation, preventive maintenance procedures and



frequency, repair procedures, wiring and systems diagrams, lists of spare parts, and warranty information.

1. Engage a factory-authorized service representative to assemble and prepare information for each system, subsystem, and piece of equipment not part of a system.
  2. Prepare a separate manual for each system and subsystem, in the form of an instructional manual for use by Owner's operating personnel.
- B. Content: For each system, subsystem, and piece of equipment not part of a system, include source information, manufacturers' maintenance documentation, maintenance procedures, maintenance and service schedules, spare parts list and source information, maintenance service contracts, and warranties and bonds as described below.
- C. Source Information: List each system, subsystem, and piece of equipment included in manual, identified by product name and arranged to match manual's table of contents. For each product, list name, address, and telephone number of Installer or supplier and maintenance service agent, and cross-reference Specification Section number and title in Project Manual and drawing or schedule designation or identifier where applicable.
- D. Manufacturers' Maintenance Documentation: Include the following information for each component part or piece of equipment:
1. Standard maintenance instructions and bulletins; include only sheets pertinent to product or component installed. Mark each sheet to identify each product or component incorporated into the Work. If data include more than one item in a tabular format, identify each item using appropriate references from the Contract Documents. Identify data applicable to the Work and delete references to information not applicable.
    - a. Prepare supplementary text if manufacturers' standard printed data are not available and where the information is necessary for proper operation and maintenance of equipment or systems.
  2. Drawings, diagrams, and instructions required for maintenance, including disassembly and component removal, replacement, and assembly.
  3. Identification and nomenclature of parts and components.
  4. List of items recommended to be stocked as spare parts.
- E. Maintenance Procedures: Include the following information and items that detail essential maintenance procedures:
1. Test and inspection instructions.
  2. Troubleshooting guide.
  3. Precautions against improper maintenance.
  4. Disassembly; component removal, repair, and replacement; and reassembly instructions.
  5. Aligning, adjusting, and checking instructions.
  6. Demonstration and training video recording, if available.
- F. Maintenance and Service Schedules: Include service and lubrication requirements, list of required lubricants for equipment, and separate schedules for preventive and routine maintenance and service with standard time allotment.
1. Scheduled Maintenance and Service: Tabulate actions for daily, weekly, monthly, quarterly, semiannual, and annual frequencies.
  2. Maintenance and Service Record: Include manufacturers' forms for recording maintenance.
- G. Spare Parts List and Source Information: Include lists of replacement and repair parts, with parts identified and cross-referenced to manufacturers' maintenance documentation and local sources of maintenance materials and related services.
- H. Maintenance Service Contracts: Include copies of maintenance agreements with name and telephone number of service agent.
- I. Warranties and Bonds: Include copies of warranties and bonds and lists of circumstances and conditions that would affect validity of warranties or bonds.



1. Include procedures to follow and required notifications for warranty claims.
- J. Drawings: Prepare drawings supplementing manufacturers' printed data to illustrate the relationship of component parts of equipment and systems and to illustrate control sequence and flow diagrams. Coordinate these drawings with information contained in record Drawings to ensure correct illustration of completed installation.
  1. Do not use original project record documents as part of maintenance manuals.

## 1.8 PRODUCT MAINTENANCE MANUALS

- A. Product Maintenance Manual: Assemble a complete set of maintenance data indicating care and maintenance of each product, material, and finish incorporated into the Work.
- B. Content: Organize manual into a separate section for each product, material, and finish. Include source information, product information, maintenance procedures, repair materials and sources, and warranties and bonds, as described below.
- C. Source Information: List each product included in manual, identified by product name and arranged to match manual's table of contents. For each product, list name, address, and telephone number of Installer or supplier and maintenance service agent, and cross-reference Specification Section number and title in Project Manual and drawing or schedule designation or identifier where applicable.
- D. Product Information: Include the following, as applicable:
  1. Product name and model number.
  2. Manufacturer's name.
  3. Color, pattern, and texture.
  4. Material and chemical composition.
  5. Reordering information for specially manufactured products.
- E. Maintenance Procedures: Include manufacturer's written recommendations and the following:
  1. Inspection procedures.
  2. Types of cleaning agents to be used and methods of cleaning.
  3. List of cleaning agents and methods of cleaning detrimental to product.
  4. Schedule for routine cleaning and maintenance.
  5. Repair instructions.
- F. Repair Materials and Sources: Include lists of materials and local sources of materials and related services.
- G. Warranties and Bonds: Include copies of warranties and bonds and lists of circumstances and conditions that would affect validity of warranties or bonds.
  1. Include procedures to follow and required notifications for warranty claims.

## PART 2 - PRODUCTS (Not Used)

## PART 3 - EXECUTION (Not Used)

## END OF SECTION 01 78 23



## SECTION 01 78 39 - PROJECT RECORD DOCUMENTS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for project record documents, including the following:
  - 1. Record Drawings.
  - 2. Record Specifications.
  - 3. Record Product Data.
  - 4. Miscellaneous record submittals.
- B. Related Requirements:
  - 1. Section 01 73 00 "Execution" for final property survey.
  - 2. Section 01 77 00 "Closeout Procedures" for general closeout procedures.
  - 3. Section 01 78 23 "Operation and Maintenance Data" for operation and maintenance manual requirements.

#### 1.2 CLOSEOUT SUBMITTALS

- A. Record Drawings: Comply with the following:
  - 1. Number of Copies: Submit one full-size set of marked-up record prints.
- B. Record Specifications: Submit annotated PDF electronic files of Project's Specifications, including addenda and contract modifications.
- C. Record Product Data: Submit annotated PDF electronic files and directories of each submittal.
- D. Miscellaneous Record Submittals: See other Specification Sections for miscellaneous record-keeping requirements and submittals in connection with various construction activities. Submit annotated PDF electronic files and directories of each submittal.

#### 1.3 RECORD DRAWINGS

- A. Record Prints: Maintain one set of marked-up paper copies of the Contract Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued.
  - 1. Preparation: Mark record prints to show the actual installation where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to provide information for preparation of corresponding marked-up record prints.
    - a. Give particular attention to information on concealed elements that would be difficult to identify or measure and record later.
    - b. Accurately record information in an acceptable drawing technique.
    - c. Record data as soon as possible after obtaining it.
    - d. Record and check the markup before enclosing concealed installations.
    - e. Cross-reference record prints to corresponding photographic documentation.
  - 2. Content: Types of items requiring marking include, but are not limited to, the following:
    - a. Dimensional changes to Drawings.
    - b. Revisions to details shown on Drawings.
    - c. Depths of foundations.
    - d. Locations and depths of underground utilities.
    - e. Revisions to routing of piping and conduits.
    - f. Revisions to electrical circuitry.
    - g. Actual equipment locations.
    - h. Duct size and routing.
    - i. Locations of concealed internal utilities.
    - j. Changes made by Change Order or Construction Change Directive.



- k. Changes made following Architect's written orders.
    - l. Details not on the original Contract Drawings.
    - m. Field records for variable and concealed conditions.
    - n. Record information on the Work that is shown only schematically.
  - 3. Mark the Contract Drawings and Shop Drawings completely and accurately. Use personnel proficient at recording graphic information in production of marked-up record prints.
  - 4. Mark record sets with erasable, red-colored pencil. Use other colors to distinguish between changes for different categories of the Work at same location.
  - 5. Mark important additional information that was either shown schematically or omitted from original Drawings.
  - 6. Note Construction Change Directive numbers, alternate numbers, Change Order numbers, and similar identification, where applicable.
- B. Format: Identify and date each record Drawing; include the designation "PROJECT RECORD DRAWING" in a prominent location.
- 1. Record Prints: Organize record prints into manageable sets. Bind each set with durable paper cover sheets. Include identification on cover sheets.
  - 2. Format: Annotated PDF electronic file with comment function enabled.
  - 3. Record Digital Data Files: Organize digital data information into separate electronic files that correspond to each sheet of the Contract Drawings. Name each file with the sheet identification. Include identification in each digital data file.
  - 4. Identification: As follows:
    - a. Project name.
    - b. Date.
    - c. Designation "PROJECT RECORD DRAWINGS."
    - d. Name of Architect.
    - e. Name of Contractor.

#### 1.4 RECORD SPECIFICATIONS

- A. Preparation: Mark Specifications to indicate the actual product installation where installation varies from that indicated in Specifications, addenda, and contract modifications.
- 1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
  - 2. Note Construction Change Directive numbers, alternate numbers, Change Order numbers, and similar identification, where applicable.

#### 1.5 RECORD PRODUCT DATA

- A. Recording: Maintain one copy of each submittal during the construction period for project record document purposes. Post changes and revisions to project record documents as they occur; do not wait until end of Project.
- B. Preparation: Mark Product Data to indicate the actual product installation where installation varies substantially from that indicated in Product Data submittal.
- 1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
  - 2. Include significant changes in the product delivered to Project site and changes in manufacturer's written instructions for installation.
  - 3. Note related Change Orders and record Drawings where applicable.

#### 1.6 MISCELLANEOUS RECORD SUBMITTALS

- A. Assemble miscellaneous records required by other Specification Sections for miscellaneous record keeping and submittal in connection with actual performance of the Work. Bind or file miscellaneous records and identify each, ready for continued use and reference.



**1.7 MAINTENANCE OF RECORD DOCUMENTS**

- A. Maintenance of Record Documents: Store record documents in the field office apart from the Contract Documents used for construction. Do not use project record documents for construction purposes. Maintain record documents in good order and in a clean, dry, legible condition, protected from deterioration and loss. Provide access to project record documents for Architect's reference during normal working hours.

**PART 2 - PRODUCTS****PART 3 - EXECUTION****END OF SECTION 01 78 39**



## SECTION 01 79 00 - DEMONSTRATION AND TRAINING

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for instructing Owner's personnel, including the following:
  1. Instruction in operation and maintenance of systems, subsystems, and equipment.
  2. Demonstration and training video recordings.

#### 1.2 INFORMATIONAL SUBMITTALS

- A. Instruction Program: Submit outline of instructional program for demonstration and training, including a list of training modules and a schedule of proposed dates, times, length of instruction time, and instructors' names for each training module. Include learning objective and outline for each training module.
  1. Indicate proposed training modules using manufacturer-produced demonstration and training video recordings for systems, equipment, and products in lieu of video recording of live instructional module.
- B. Qualification Data: For instructor.
- C. Attendance Record: For each training module, submit list of participants and length of instruction time.

#### 1.3 CLOSEOUT SUBMITTALS

- A. Demonstration and Training Video Recordings: Submit two copies within seven days of end of each training module.
  1. Identification: On each copy, provide an applied label with the following information:
    - a. Name of Project.
    - b. Name and address of videographer.
    - c. Name of Architect.
    - d. Name of Contractor.
    - e. Date of video recording.
  2. At completion of training, submit complete training manual(s) for Owner's use prepared in same format required for operation and maintenance manuals specified in Section 01 78 23 "Operation and Maintenance Data."

#### 1.4 QUALITY ASSURANCE

- A. Instructor Qualifications: A factory-authorized service representative, complying with requirements in Section 01 40 00 "Quality Requirements," experienced in operation and maintenance procedures and training.

#### 1.5 COORDINATION

- A. Coordinate instruction schedule with Owner's operations. Adjust schedule as required to minimize disrupting Owner's operations and to ensure availability of Owner's personnel.
- B. Coordinate instructors, including providing notification of dates, times, length of instruction time, and course content.
- C. Coordinate content of training modules with content of approved emergency, operation, and maintenance manuals. Do not submit instruction program until operation and maintenance data have been reviewed and approved by Architect.



## 1.6 INSTRUCTION PROGRAM

- A. Program Structure: Develop an instruction program that includes individual training modules for each system and for equipment not part of a system, as required by individual Specification Sections.
- B. Training Modules: Develop a learning objective and teaching outline for each module. Include a description of specific skills and knowledge that participant is expected to master. For each module, include instruction for the following as applicable to the system, equipment, or component:
  - 1. Basis of System Design, Operational Requirements, and Criteria: Include the following:
    - a. System, subsystem, and equipment descriptions.
    - b. Performance and design criteria if Contractor is delegated design responsibility.
    - c. Operating standards.
    - d. Regulatory requirements.
    - e. Equipment function.
    - f. Operating characteristics.
    - g. Limiting conditions.
    - h. Performance curves.
  - 2. Documentation: Review the following items in detail:
    - a. Emergency manuals.
    - b. Systems and equipment operation manuals.
    - c. Systems and equipment maintenance manuals.
    - d. Product maintenance manuals.
    - e. Project Record Documents.
    - f. Identification systems.
    - g. Warranties and bonds.
    - h. Maintenance service agreements and similar continuing commitments.
  - 3. Emergencies: Include the following, as applicable:
    - a. Instructions on meaning of warnings, trouble indications, and error messages.
    - b. Instructions on stopping.
    - c. Shutdown instructions for each type of emergency.
    - d. Operating instructions for conditions outside of normal operating limits.
    - e. Sequences for electric or electronic systems.
    - f. Special operating instructions and procedures.
  - 4. Operations: Include the following, as applicable:
    - a. Startup procedures.
    - b. Equipment or system break-in procedures.
    - c. Routine and normal operating instructions.
    - d. Regulation and control procedures.
    - e. Control sequences.
    - f. Safety procedures.
    - g. Instructions on stopping.
    - h. Normal shutdown instructions.
    - i. Operating procedures for emergencies.
    - j. Operating procedures for system, subsystem, or equipment failure.
    - k. Seasonal and weekend operating instructions.
    - l. Required sequences for electric or electronic systems.
    - m. Special operating instructions and procedures.
  - 5. Adjustments: Include the following:
    - a. Alignments.
    - b. Checking adjustments.
    - c. Noise and vibration adjustments.
    - d. Economy and efficiency adjustments.
  - 6. Troubleshooting: Include the following:
    - a. Diagnostic instructions.
    - b. Test and inspection procedures.
  - 7. Maintenance: Include the following:
    - a. Inspection procedures.



- b. Types of cleaning agents to be used and methods of cleaning.
- c. List of cleaning agents and methods of cleaning detrimental to product.
- d. Procedures for routine cleaning.
- e. Procedures for preventive maintenance.
- f. Procedures for routine maintenance.
- g. Instruction on use of special tools.
- 8. Repairs: Include the following:
  - a. Diagnosis instructions.
  - b. Repair instructions.
  - c. Disassembly; component removal, repair, and replacement; and reassembly instructions.
  - d. Instructions for identifying parts and components.
  - e. Review of spare parts needed for operation and maintenance.

## 1.7 PREPARATION

- A. Assemble educational materials necessary for instruction, including documentation and training module. Assemble training modules into a training manual organized in coordination with requirements in Section 01 78 23 "Operation and Maintenance Data."
- B. Set up instructional equipment at instruction location.

## 1.8 INSTRUCTION

- A. Engage qualified instructors to instruct Owner's personnel to adjust, operate, and maintain systems, subsystems, and equipment not part of a system.
  - 1. Owner will furnish an instructor to describe Owner's operational philosophy.
  - 2. Owner will furnish Contractor with names and positions of participants.
- B. Scheduling: Provide instruction at mutually agreed-on times. For equipment that requires seasonal operation, provide similar instruction at start of each season.
  - 1. Schedule training with Owner with at least seven days' advance notice.
- C. Training Location and Reference Material: Conduct training on-site in the completed and fully operational facility using the actual equipment in-place. Conduct training using final operation and maintenance data submittals.
- D. Cleanup: Collect used and leftover educational materials and remove from Project site. Remove instructional equipment. Restore systems and equipment to condition existing before initial training use.

## 1.9 DEMONSTRATION AND TRAINING VIDEO RECORDINGS

- A. General: Engage a qualified videographer to record demonstration and training video recordings. Record each training module separately. Include classroom instructions and demonstrations, board diagrams, and other visual aids, but not student practice.
  - 1. At beginning of each training module, record each chart containing learning objective and lesson outline.
- B. Digital Video Recordings: Provide high-resolution, digital video in MPEG format, produced by a digital camera with minimum sensor resolution of 12 megapixels and capable of recording in full HD mode with vibration reduction technology.
  - 1. Submit video recordings on CD-ROM or thumb drive.
  - 2. File Hierarchy: Organize folder structure and file locations according to Project Manual table of contents. Provide complete screen-based menu.
  - 3. File Names: Utilize file names based on name of equipment generally described in video segment, as identified in Project specifications.
  - 4. Contractor and Installer Contact File: Using appropriate software, create a file for inclusion on the equipment demonstration and training recording that describes the



following for each Contractor involved on the Project, arranged according to Project Manual table of contents:

- a. Name of Contractor/Installer.
  - b. Business address.
  - c. Business phone number.
  - d. Point of contact.
  - e. Email address.
- C. Recording: Mount camera on tripod before starting recording, unless otherwise necessary to adequately cover area of demonstration and training. Display continuous running time.
1. Film training session(s) in segments not to exceed 15 minutes.
    - a. Produce segments to present a single significant piece of equipment per segment.
    - b. Organize segments with multiple pieces of equipment to follow order of Project Manual table of contents.
    - c. Where a training session on a particular piece of equipment exceeds 15 minutes, stop filming and pause training session. Begin training session again upon commencement of new filming segment.
- D. Light Levels: Verify light levels are adequate to properly light equipment. Verify equipment markings are clearly visible prior to recording.
1. Furnish additional portable lighting as required.
- E. Narration: Describe scenes on video recording by either audio narration by microphone while video recording is recorded or dubbing audio narration off-site afterwards. Include description of items being viewed.
- F. Preproduced Video Recordings: Provide video recordings used as a component of training modules in same format as recordings of live training.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 - EXECUTION (Not Used)**

**END OF SECTION 01 79 00**



## SECTION 31 20 00 – EARTH MOVING

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- B. REFERENCED SPECIFICATION: The work identified in the summary shall be constructed in accordance with the 2023 Edition of the Iowa Statewide Urban Standard Specifications (SUDAS). The relevant Divisions and Specifications of the SUDAS Manual covering the work are listed below in the table of contents. The entire SUDAS Manual may be viewed, downloaded, or purchased at <http://www.iowasudas.org>.
  - 1. Table of Contents SUDAS Standard Specifications, 2023 Edition
    - a. Division 2 Earthwork
      - 1) Section 2010 – Earthwork, Subgrade, and Subbase

#### 1.2 SUMMARY

- A. Section Includes
  - 1. Clearing and Grubbing
  - 2. Earthwork, Excavation, and Embankment Construction
  - 3. Subgrade Preparation
  - 4. Subbase Construction

#### 1.3 SUPPLEMENTAL SPECIFICATIONS TO THE SUDAS STANDARD SPECIFICATIONS.

- A. Division 1 – General Provisions and Covenants
  - 1. Division 1 is omitted from the Specifications for this work. All references made to Division 1 – General Provisions and Covenants shall be omitted from the Specifications.
- B. Division 2 Earthwork
  - 1. Section 2010 – Earthwork, Subgrade, and Subbase
    - a. 1.08 – Measurement and Payment: Delete
    - b. 2.01 Topsoil
      - 1) **A. On-Site topsoil:** On-site topsoil material is material excavated from the top 8 inches of the site. Use of on-site topsoil material is subject to the Engineer's approval.
    - c. *Add new section as follows:*

#### **Section 2010, 2.02 EXCAVATION MATERIALS**

*B. Class 12 Excavation, item 1. Change to the following:*

- 1. Material deposits so firmly cemented together that they cannot be removed without continuous use of pneumatic tools, blasting, or rock sawing.



E. Borrow, Change to the following:

**E. Borrow:** Unless otherwise provided in the contract documents, when the quantity of fill material required is not available within the limits of the project cross –sections or specific borrow areas as indicated, the Contractor shall make up the deficiency from borrow areas provided by the Contractor.

## **Section 2010, 2.04 FOUNDATION MATERIALS**

B. Granular Stabilization Materials, change item 1. to the following:

1. Clean, crushed stone or crushed concrete, with the following gradation:

Sieve	Percent Passing
3"	90-100
2"	80-100
1 1/2"	0-70
1"	0-50
1/2"	0-25

OR – Iowa DOT Gradation Number 32 (4134 – Granular Backfill) OR Iowa DOT Gradation Number 13 (4122.02 – Macadam Stone Base).

## **C. Subgrade Treatment**

Item 6. change to the following:

- 6. Geotextiles:** Use fabric complying with Iowa DOT Article 4196.01-6.

Add item 7 as follows:

- 7. Bentonite:** Provide powdered or granular bentonite as determined necessary to achieve a bentonite soil mixture with a maximum permeability of  $1 \times 10^{-7}$  cm/s. Two grams of the base bentonite when in a powder form shall possess the ability to swell to a volume of 16 cubic centimeters, or more, when added 0.25 grams at a time to 100 cubic centimeters of distilled water. The colloid content of the base bentonite shall exceed 855 when measured by evaporating the suspended portion of a 2% suspension after the suspension has been allowed to settle for 24 hours.

## **Section 2010, 2.05 STRUCTURAL BACKFILL MATERIAL**

Add new section as follows:

### **2.05 STRUCTURAL BACKFILL MATERIAL**

#### **A. Porous Backfill:**

1. Comply with Iowa DOT Specifications Section 4131.
2. The Engineer may authorize a change in gradation subject to material available locally at time of construction.

#### **B. Structural Backfill:**

1. Comply with Iowa DOT Specifications Section 4132.02 or 4132.03.
2. The Engineer may authorize a change in gradation subject to material available locally at time of construction.



**Section 2010, 2.06 SOIL FOR BENTONITE AMEDEMMENT**

*Add new section as follows:*

**2.06 SOIL FOR BENTONITE AMEDEMMENT**

Meet the following requirements for all soils to be amended with Bentonite to form a Bentonite amended soil liner:

- A. Fines:** The soil to be amended should contain a minimum of 20 percent fines defined as the percentage, on a dry weight basis, of material passing the No. 200 Sieve.
- B. Plasticity Index:** The soil shall have a minimum plasticity index of 10 and a maximum plasticity index of 30.
- C. Particle Size:** 100 percent of the material shall pass the 2 inch sieve. No more than 10 percent shall be retained on the No. 4 sieve.

**Section 2010, 3.01 CLEARING AND GRUBBING****C. Removal**

*Item 1. change to the following:*

- 1. Trees and stumps, including roots, to a depth of at least 12 inches. Place topsoil to fill the resulting hole, incidental to clearing and grubbing.

**Section 2010, 3.02 TOPSOIL****A. On-Site Topsoil**

*Item 1.b. change to the following:*

- b. Remove the upper 8 inches of existing on-site topsoil to allow finish grading with a finished grade of 4 inches of salvaged, imported or amended topsoil. The topsoil may be moved directly to an area where it is to be used, or may be stockpiled for future use.

*Item 2.a. change to the following:*

- a. Place topsoil at least 4 inches deep; smooth and finish grade according to the contract documents. If topsoil is being amended with compost, thoroughly blend compost with on-site topsoil at the rate specified in Section 2010, 2.01.

**Section 2010, 3.03 EXCAVATION****E. Drainage:**

*Add item 4 as follows:*

- 4. When specified or indicated on the contract drawing, Contractor shall provide a detailed Dewatering Plan for excavations, including the following:
  - a. Design and provide a dewatering system using accepted and professional methods of design and engineering consistent with the best current practice to eliminate water entering the excavation under hydrostatic head from bottom and/r sides.
    - 1) Design system to prevent differential hydrostatic head because of rising water levels from adjoining or nearby bodies of water, proximity of excavation to phreatic groundwater level, or surface runoff, resulting in a "quick" condition, and continue to worsen the excavation's stability.
    - 2) System shall not be dependent solely upon sumps and/or pumping water from within excavation where differential head would result in a "quick" condition and continue to worsen the excavation's stability.
  - b. Maintain water levels below the bottom of planned excavation.



- c. Perform the dewatering operation according to the dewatering plan approved by the Engineer. The dewatering plan may be modified to meet actual field conditions, with approval of the Engineer.
- d. Ensure operation of the dewatering system does not damage adjoining structures and facilities. Cease dewatering operations and notify the Engineer if damage is observed.
- e. Discharged Water: 1. Do not discharge water into sanitary sewers. 2. Discharging water into storm sewers requires Engineer's approval.

### **Section 2010, 3.07 SUBGRADE TREATMENT**

*Add item C. and D. as follows:*

#### **C. Bentonite:**

- 1. Submit samples of each soil to be amended, and the bentonite to be incorporated, to the Engineer for permeability and suitability testing.
- 2. Incorporate the bentonite material uniformly during subgrade treatment preparation to the depth of 12 inches, or as otherwise specified in the contract documents, and at the rate specified in the contract documents.
- 3. Amended soil liner shall include the bottom and wetted sides of the lagoon dikes.
- 4. Amended soil liner shall be compacted with Moisture and Density Control (2010 3.04 D.).
- 5. The lagoon shall be filled with water from the municipal wastewater collection system for permeability testing.
- 6. Permeability testing, as required, will be determined by the Engineer. The pond(s) shall be tested in accordance with 18C.7,3,2 of the Iowa Wastewater Facilities Design Standards with a percolation rate not to exceed 1/16<sup>th</sup> of an inch per day at a water depth of 6 feet. If it is specified in the contract documents that the Contractor will conduct compaction testing, use the services of an independent testing laboratory approved by the Engineer.

#### **D. Low Strength Subgrade Soils**

- 1. Contractor shall follow the recommendations of the Geotechnical Report for the satisfactory improvement of low strength subgrade soils.

### **Section 2010, 3.08 SUBBASE**

*Item B. change to the following:*

- B. Construction:** Construct the specified type of subbase to the specified depth, plus 2 feet outside of the pavement area, or 1 foot outside of the structural foundation area.

### **Section 2010, 3.09 FIELD QUALITY CONTROL**

*Item A. change to the following:*

- A. Compaction Testing:** Contractor shall perform compaction testing as determined to be necessary by the Contractor for quality control. Engineer shall perform compaction testing as determined to be necessary by the Engineer at no cost to the Contractor, unless otherwise noted in the contract documents. However, Contractor shall make reasonable accommodations to allow the Engineer to perform any desired compaction testing. If deficiencies are found by the Engineer, the Contractor shall make all necessary corrections (rework and compact again) at no additional cost to the Owner.

*Item B. change to the following:*

- B. Moisture Content and Density:** The following requirements shall apply unless otherwise approved by the Engineer:
  - 1. Ensure that the moisture content is within 1% to plus 3% of optimum.



2. Disturbed and/or places material under, or within 5 feet of, buildings, structures, and pavement/sidewalk shall be compacted to at least 95% of maximum standard Proctor density.
3. Disturbed and/or places material in all other areas shall be compacted to at least 90% maximum standard Proctor density with an allowance for necessary surface scarification to promote root growth in grassed areas.

### **Section 2010, 3.10 STRUCTURAL BACKFILL**

*Add new section 3.10 as follows:*

#### **3.10 STRUCTURAL BACKFILL**

- A. Do all backfilling necessary to fill all excavations resulting from the work of this section, carrying such fill to the required new subgrade.
- B. Backfilling shall not begin until construction below finish grade has been approved, underground utilities systems have been inspected, tested and approved, forms removed, and the excavation cleaned of trash and debris, insulation installed if required, and structures waterproofed and damp proofed as required. Do not deposit fill until the subgrade has been checked and approved by the Engineer. In no case shall fill be placed on a subgrade that is muddy, frozen or contains frost.
- C. Place and compact backfill to minimize settlement and avoid damage to walls, waterproofing, utility lines and other work in place.
- D. The Contractor shall provide the necessary compaction of rolling equipment, or both, in order to obtain the specified compaction. Compaction by travel of grading equipment will not be considered adequate for uniform compaction.
- E. Small vibratory or hand tamping compactors will be required wherever fill may be placed adjacent to walls or around footings and columns.
- F. Any trenches dug in the compacted fill shall be backfilled firmly around the pipes in uniform layers not exceeding six inches (6") in depth, with each layer being compacted with a small vibratory or hand tamping compactor to the same density as specified herein. It shall be the responsibility of the Contractor digging the trenches to backfill said trenches in accordance with the requirements of these specifications.
- G. Place backfill simultaneously on both sides of free-standing structures. Take proper provisions to prevent wedging action against the structure.
- H. Place backfill against foundation walls enclosing interior spaces, only after sufficient construction is in place to brace the top of the wall.

**END OF SPECIAL PROVISIONS - DIVISION 2**

**END OF SECTION 31 20 00**



## SECTION 31 23 16.13 – TRENCHING

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- A. REFERENCED SPECIFICATION: The work identified in the summary shall be constructed in accordance with the 2023 Edition of the Iowa Statewide Urban Standard Specifications (SUDAS). The relevant Divisions and Specifications of the SUDAS Manual covering the work are listed below in the table of contents. The entire SUDAS Manual may be viewed, downloaded, or purchased at <http://www.iowasudas.org>.
  - 1. Table of Contents SUDAS Standard Specifications, 2023 Edition
    - a. Division 3 Trench Excavation and Backfill
      - 1) Section 3010 – Trench Excavation and Backfill

#### 1.2 SUMMARY

- A. Section Includes
  - 1. Excavating trenches for utilities from 5 feet outside building to utility service.
  - 2. Compacted fill from top of utility bedding to subgrade elevations.
  - 3. Backfilling and compaction.

#### 1.3 SUPPLEMENTAL SPECIFICATIONS TO THE SUDAS STANDARD SPECIFICATIONS.

- A. Division 1 – General Provisions and Covenants
  - 1. Division 1 is omitted from the Specifications for this work. All references made to Division 1 – General Provisions and Covenants shall be omitted from the Specifications.
- B. Division 3 Trench Excavation and Backfill
  - 1. Section 3010 – Trench Excavation and Backfill
    - a. Part 1.08 – Measurement and Payment: Delete

#### **Section 3010, 2.01 MATERIALS EXCAVATED FROM A TRENCH**

*Replace Article 2.01 A.3 with the following:*

- 3. Topsoil:** Class V material. Comply with Section 3010, 2.04.

#### **Section 3010, 2.03 BACKFILL MATERIAL**

*Add the following to end of Article 2.03 A:*

- 4. Sand and Manufactured sand may only be used if approved by the Engineer.**



**Section 3010, 2.05 STABILIZATION (FOUNDATION) MATERIALS**

*Replace Article 2.05 A with the following:*

- A. Mechanically crushed quarried stone not screened or processed after primary crushing.
- B. Nominally 2 to 5 inch average diameter.
- C. Maximum 12% passing the number 200 screen.

**Section 3010, 2.07 RIGID INSULATION BOARD**

*Add the new Article 2.07*

- A. 2" extruded polystyrene with minimum R value of 4.5 per inch of thickness.
- B. Extruded polystyrene foam shall meet ASTM 578, Type VI, 40 psi compressing strength (ASTMD1621), 0.1% Max water absorption (ASTM C272).

**Section 3010, 2.08 ENGINEERING FABRIC**

*Add new Article 2.08:*

- A. **Engineering Fabric:** Comply with the Iowa DOT Article 4196.01.

**Section 3010, 3.03 TRENCH PROTECTION**

*Add the following to end of Article 3.03:*

- C. Shall be placed in accordance with OSHA 29 CRF 1926.

**Section 3010, 3.04 DEWATERING**

*Add the following to the end of Article 3.08 D:*

- 8. Discharged Water: If dewatering discharge is overwhelming an approved sewer, waterway or street or is causing damage in any way, the Engineer may stop the dewatering efforts or require the rate of discharge to be reduced at no additional cost to the Jurisdiction.

**Section 3010, 3.05 PIPE BEDDING AND BACKFILL**

*Replace Article 3.05 A.2 with the following:*

The trench shall not be backfilled until the pipe elevations, gradient, alignment, and joints have been checked, including any necessary testing. After pipe installation and required testing, place remaining bedding material and immediately place backfill in trench.

*Add the following to the end of Article 3.05 A:*

- 7. Engineering Fabric shall be placed at the interface between the clean bedding stone and backfill containing more than 10% material passing the number 200 screen.

*Replace Article 3.05 E.3 with the following:*

- 3. Class I and II Backfill Material:
  - a. Compact to at least 95% standard proctor density within the right-of-way, under any paved surface or within two feet thereof, and within 5-ft of a building foundation. Moisture content -1% to +3% of optimum moisture content.
  - b. Compact to at least 90% of standard proctor density outside of the right-of-way. Moisture content shall be within -1% to +3% of optimum.

*Replace Article 3.05 E.4.c with the following:*

- c. Moisture content shall be within -1% to +3% of optimum.



**Section 3010, Part 3 – EXECUTION**

*Add the following to the end of Part 3:*

**3.07 RIGID INSULATION BOARD**

- A. Insulate any water mains or water services that are less than 5'-6" below existing grade. Install the full width (4') of insulation board over the entire exposed water main or service.
- B. Insulate between any water mains or water service and utility structures when pipes are less than 5'-6" from utility structure.

**Section 3020, 1.03 SUBMITTALS**

*1.03 Submittals - Delete Reference to Division 1 and replace with the following:*

All materials to be incorporated into the work must have certifications furnished which show that the materials comply with the Specifications prior to any construction

**Section 3020, 2.01 CARRIER PIPE**

*Add the following to the end of Article 2.01 A:*

- 6. Electrical Conduit: Comply with section 8010-2.01-B.
- 7. Fiber Optic Conduit: Comply with section 8010-2.01-B.

*Add the following to the end of Article 2.01 B:*

- 5. Electrical Conduit: Comply with section 8010-2.01-B.
- 6. Fiber Optic Conduit: Comply with section 8010-2.01-B.

**Section 3020, 2.03 CASING SPACERS**

*Replace Article 2.03 B with the following:*

- B. Meet the following material requirements:
  - 1. Stainless Steel Band/Panel and Riser: Type 304 stainless steel according to ASTM A 240.
  - 2. Liner: Elastomeric PVC per ASTM D 149.
  - 3. Spacer Skid/Runner: Abrasion resistant polymer with a low coefficient of friction.
  - 4. Fasteners: Type 304 (18-8) stainless steel per ASTM A 193.

*Add the following to the end of Article 2.03:*

- C. Shall be North American Made
- D. Cascade Waterworks Mfg., or approved equivalent.

**Section 3020, 3.01 EXCAVATION**

*Add the following to the end of Article 3.01 C:*

- 4. Perform work within limits indicated on Contract Drawings. Contractor shall be responsible for obtaining additional construction easements or other authorizations necessary if working outside of limits.

*Replace Article 3.04 C.7 with the following:*

- 7. Close the end of the casing pipe around the carrier pipe with a casing end seal. The uncased side of the end seal shall be pushed toward the cased side of the end seal before fastening to reduce the likelihood of damage during backfill.

**END OF SPECIAL PROVISIONS – DIVISION 3****END OF SECTION 31 20 00**

PROJECT HEAVEN - SITE DEVELOPMENT  
AND RECREATION COMPLEX  
ORIGIN #21245

TRENCHING  
31 23 16 - 3

NOT FOR CONSTRUCTION



## SECTION 31 11 23 – AGGREGATE BASE COURSES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- A. REFERENCED SPECIFICATION: The work identified in the summary shall be constructed in accordance with the 2023 Edition of the Iowa Statewide Urban Standard Specifications (SUDAS). The relevant Divisions and Specifications of the SUDAS Manual covering the work are listed below in the table of contents. The entire SUDAS Manual may be viewed, downloaded, or purchased at <http://www.iowasudas.org>.
  - 1. Table of Contents SUDAS Standard Specifications, 2023 Edition
    - a. Division 2 Earthwork
      - 1) Section 2010 – Earthwork, Subgrade, and Subbase

#### 1.2 SUMMARY

- A. Section Includes
  - 1. Aggregate subbase.
  - 2. Aggregate base course.

#### 1.3 SUPPLEMENTAL SPECIFICATIONS TO THE SUDAS STANDARD SPECIFICATIONS.

- A. Division 1 – General Provisions and Covenants
  - 1. Division 1 is omitted from the Specifications for this work. All references made to Division 1 – General Provisions and Covenants shall be omitted from the Specifications.
- B. Division 2 Earthwork
  - 1. Section 2010 – Earthwork, Subgrade, and Subbase
    - a. Part 1.08 – Measurement and Payment: Delete

#### **Section 2010, 3.08 SUBBASE**

*Item B. change to the following:*

**B. Construction:** Construct the specified type of subbase to the specified depth, plus 2 feet outside of the pavement area, or 1 foot outside of the structural foundation area.

#### **Section 2010, 3.09 FIELD QUALITY CONTROL**

*Item A. change to the following:*

**A. Compaction Testing:** Contractor shall perform compaction testing as determined to be necessary by the Contractor for quality control. Engineer shall perform compaction testing as determined to be necessary by the Engineer at no cost to the Contractor, unless otherwise noted in the contract documents. However, Contractor shall make reasonable accommodations to allow the Engineer to perform any desired compaction testing. If deficiencies are found by the Engineer, the Contractor shall make all necessary corrections (rework and compact again) at no additional cost to the Owner.



Item B. change to the following:

**B. Moisture Content and Density:** The following requirements shall apply unless otherwise approved by the Engineer:

Moisture Content and Density: The Contractor shall follow the recommendations of the Geotechnical report.

### **Section 2010, 3.10 STRUCTURAL BACKFILL**

Add new section 3.10 as follows:

#### **3.10 STRUCTURAL BACKFILL**

- A. Do all backfilling necessary to fill all excavations resulting from the work of this section, carrying such fill to the required new subgrade.
- B. Backfilling shall not begin until construction below finish grade has been approved, underground utilities systems have been inspected, tested and approved, forms removed, and the excavation cleaned of trash and debris, insulation installed if required, and structures waterproofed and damp proofed as required. Do not deposit fill until the subgrade has been checked and approved by the Engineer. In no case shall fill be placed on a subgrade that is muddy, frozen or contains frost.
- C. Place and compact backfill to minimize settlement and avoid damage to walls, waterproofing, utility lines and other work in place.
- D. The Contractor shall provide the necessary compaction of rolling equipment, or both, in order to obtain the specified compaction. Compaction by travel of grading equipment will not be considered adequate for uniform compaction.
- E. Small vibratory or hand tamping compactors will be required wherever fill may be placed adjacent to walls or around footings and columns.
- F. Any trenches dug in the compacted fill shall be backfilled firmly around the pipes in uniform layers not exceeding six inches (6") in depth, with each layer being compacted with a small vibratory or hand tamping compactor to the same density as specified herein. It shall be the responsibility of the Contractor digging the trenches to backfill said trenches in accordance with the requirements of these specifications.
- G. Place backfill simultaneously on both sides of free-standing structures. Take proper provisions to prevent wedging action against the structure.
- H. Place backfill against foundation walls enclosing interior spaces, only after sufficient construction is in place to brace the top of the wall.
- I. Moisture Content and Density: The Contractor shall follow the recommendations of the Geotechnical report.

**END OF SPECIAL PROVISIONS - DIVISION 2**

**END OF SECTION 31 11 23**



## SECTIONS 33 00 00 - UTILITIES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- A. REFERENCED SPECIFICATION: The work identified in the summary shall be constructed in accordance with the 2023 Edition of the Iowa Statewide Urban Standard Specifications (SUDAS). The relevant Divisions and Specifications of the SUDAS Manual covering the work are listed below in the table of contents. The entire SUDAS Manual may be viewed, downloaded, or purchased at <http://www.iowasudas.org>.
  - 1. Table of Contents SUDAS Standard Specifications, 2023 Edition
    - a. Division 3: Trench Excavation and Backfill
    - b. Division 4: Sewers and Drains
    - c. Division 6: Structures for Sanitary and Storm Sewers

#### 1.2 SUMMARY

- A. This Section includes storm sewers, piping, and related utility components as described on Project Drawings.

#### 1.3 SUPPLEMENTAL SPECIFICATIONS TO THE SUDAS STANDARD SPECIFICATIONS

- A. Divisions 3, 4, 5, and 6 of the IOWA STATEWIDE URBAN STANDARD SPECIFICATIONS for PUBLIC IMPROVEMENTS, 2023 EDITION and all subsequent revisions as amended below;
  - 1. All Sections:
    - a. Delete Part 1.08: MEASUREMENT AND PAYMENT.

#### **Section 3010 - 1.03 SUBMITTALS**

*Add the following to the end of Article 1.03 A:*

*All certified granular materials, specified by gradation, must have a sieve analysis report submitted to the engineer during the submittal process. The report must be from the most recent crushing operation.*

#### **Section 3010 – 2.01 MATERIALS EXCAVATED FROM A TRENCH**

*Replace Article 2.01 A.3 with the following:*

**3.Topsoil:** Class V material. Comply with Section 300, 2.04.



**Section 3010, 2.03 BACKFILL MATERIAL**

Add the following to the end of Article 2.03 A:

4. Sand and Manufactured sand may only be used if approved by the Engineer.

**Section 3010, 2.05 STABILIZATION (FOUNDATION) MATERIALS**

Replace Article 2.05 A with the following:

- A. Mechanically crushed quarried stone not screened or processed after primary crushing.
- B. Nominally 2 to 5 inch average diameter.
- C. Maximum 12% passing the number 200 screen.

**Section 3010, 2.07 RIGID INSULATION BOARD**

Add new Article 2.07

- A. 2" extruded polystyrene with minimum R value of 4.5 per inch of thickness.
- B. Extruded polystyrene foam shall meet ASTM 578, Type VI, 40 psi compressing strength (ASTMD1621), 0.1% Max water absorption (ASTM C272).

**Section 3010, 2.08 ENGINEERING FABRIC**

Add new Article 2.08:

- A. **Engineering Fabric:** Comply with the Iowa DOT Article 4196.01.

**Section 3010, 3.03 TRENCH PROTECTION**

Add the following to the end of Article 3.03:

- C. Shall be placed in accordance with OSHA 29 CFR 1926.

**Section 3010, 3.04 DEWATERING**

Add the following to the end of Article 3.08 D:

- 8. Discharged Water: If dewatering discharge is overwhelming an approved sewer, waterway or street or is causing damage in any way, the Engineer may stop the dewatering efforts or require the rate of discharge to be reduced at no additional cost to the Jurisdiction.

**Section 3010, 3.05 PIPE BEDDING AND BACKFILL**

Replace Article 3.05 A.2 with the following:

The trench shall not be backfilled until the pipe elevations, gradient, alignment, and joints have been checked, including any necessary testing. After pipe installation and required testing, place remaining bedding material and immediately place backfill in trench.



Add the following to the end of Article 3.05 A:

7. Engineering Fabric shall be placed at the interface between the clean bedding stone and backfill containing more than 10% material passing the number 200 screen.

Replace Article 3.05 E.3 with the following:

3. Class I and II Backfill Material:

- a. Compact to at least 95% standard proctor density within the right-of-way, under any paved surface or within two feet thereof, and within 5-ft of a building foundation.  
Moisture content -1% to +3% of optimum moisture content.
- b. Compact to at least 90% of standard proctor density outside of the right-of-way.  
Moisture content shall be within -1% to +3% of optimum.

Replace Article 3.05 E.4.c with the following:

- c. Moisture content shall be within -1% to +3% of optimum.

### **Section 3020, 3.01 EXCAVATION**

Add the following to the end of Article 3.01 C:

4. Perform work within limits indicated on Contract Drawings. Contractor shall be responsible for obtaining additional construction easements or other authorizations necessary if working outside of limits.

Replace Article 3.04 C.7 with the following:

7. Close the end of the casing pipe around the carrier pipe with a casing end seal. The encased side of the end seal shall be pushed toward the cased side of the end seal before fastening to reduce the likelihood of damage during backfill.

## **SECTION 4020 – STORM SEWERS**

### **Section 4020, 1.03 SUBMITTALS**

Replace 1.03, with the following:

All materials to be incorporated into the work must have certifications furnished which show that the materials comply with the Specifications prior to any construction.

### **Section 4020, 2.01 STORM SEWERS**

Replace 2.01, A., 3. with the following:

3. Use tongue and groove joints with rubber O-ring or profile gasket complying with ASTM C443 unless engineering fabric is specified.

Replace 2.01, B., 3. with the following:

3. Use tongue and groove joints wrapped with external joint seal, unless a rubber O-ring or profile gasket complying with ASTM C443 or engineering fabric is specified.

FIELD OF DREAMS MOVIE SITE  
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RDG #3005.252.04

UTILITIES  
33 00 00 - 3  
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Replace 2.01, C., 3. with the following:

4. Use tongue and groove joints with rubber O-ring or profile gasket complying with ASTM C443 unless engineering fabric is specified.

Replace 2.01, M. with the following:

- M. Bituminous Jointing Material:** Use a cold-applied mastic sewer joint sealing compound recommended by the manufacturer for the intended use and approved by the Jurisdiction complying with AASHTO M198; must be used with external joint wrap.

Replace 2.01, N. with the following:

- N. Engineering Fabric:** Comply with Iowa DOT Materials I.M. 4196.01. Use of this material for wrapping pipe joints requires specific approval of the Engineer.

Add 2.01, P. as follows:

- P. External Joint Wrap:** Comply with ASTM C877.

#### **Section 4020, 3.04 PIPE JOINTING**

Replace 3.04, B., 1. with the following:

1. Comply with manufacturer's recommendations for installation of external joint wrap. Comply with Figure 4020.211 for joints wrapped with engineering fabric. Secure engineering fabric in place to prevent displacement while placing backfill material.

#### **SECTION 4030 – PIPE CULVERTS**

##### **Section 4030, 1.03 SUBMITTALS**

Replace 1.03, C. with the following:

All materials to be incorporated into the work must have certifications furnished which show that the materials comply with the Specifications prior to any construction.

#### **SECTION 4040 – SUBDRAINGS AND FOOTING DRAIN COLLECTORS**

##### **Section 4040, 1.03 SUBMITTALS**

Replace 1.03, C. with the following:

All materials to be incorporated into the work must have certifications furnished which show that the materials comply with the Specifications prior to any construction.

#### **Section 6010, 2.01 MANHOLE AND INTAKE TYPES**

Add 2.01, A as follows:

**A. Allowable Manhole and Intake Types for Project:**

1. Manholes and Intake Types for the Project shall be as indicated in the contract documents.
2. Refer to modified SUDAS Figures in Drawings for Project-specific modifications.

#### **Section 6010, 2.05 PRECAST RISER JOINTS**

2.05, B.2 Replace with the following:

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- 2. Storm Sewers:** All joint sealants used on sanitary sewers shall be used for storm sewers.

### **Section 6010, 2.07 BASE**

*2.07, A.1 Replace with the following:*

- 1. Circular Manhole:**
  - a. Integral base and lower riser section according to ASTM C478.
  - b. Minimum base thickness of 6 inches and reinforcing shall be developed into the sidewall reinforcing.
  - c. If required by the contract documents, base shall extend past the exterior of the sidewall to dimension specified. Extended base and sidewall shall be poured monolithically.

### **Section 6010, 2.08 PIPE CONNECTIONS**

*2.08, A Replace with the following:*

- A. Flexible, Watertight Gasket:** Comply with ASTM C923. Approved manufacturer A-Lok Industries and Press-Seal PSX Direct Drive Manhole connector or equal.

### **Section 6010, 2.10 CASTINGS (Ring, Cover, Grate, and Extensions)**

*2.10, C.1 Replace with the following:*

- 1. Manholes:** Unless otherwise noted in the contract documents, the following casting types shall be used on the Project:
  - d. SW-601, A shall be used in paved areas. Casting shall be Neenah R-1642-A, or approved equivalent.
  - e. SW-601, C shall be used in non-paved areas. Casting shall be Neenah R-1916-F, or approved equivalent.

### **Section 6010, 3.01 GENERAL REQUIREMENT FOR INTALLATION OF MANHOLES AND INTAKES**

*3.01, D Add the following:*

- 3. Storm Sewer Manhole and Intakes:** Final Rim Elevations of all catch basins, manholes, and intakes shall be verified with Engineer prior to construction.

*3.01, F.2 Modify to the following:*

- 2. Storm Sewer Manhole and Intakes:** All joint sealants used on sanitary sewers shall be used for storm sewers.

### **Section 6010, 3.05 CONNECTION TO EXISTING MANHOLE OR INTAKE**

*Add 3.05, A.4 as follows:*

- 4.** All connections to sanitary sewer manholes shall be completed using a flexible connector. No concrete collars shall be used.

*Remove 3.05, C.3 - Cut and Chipped Opening (Knock-out)*

**END OF SECTION 33 00 00**

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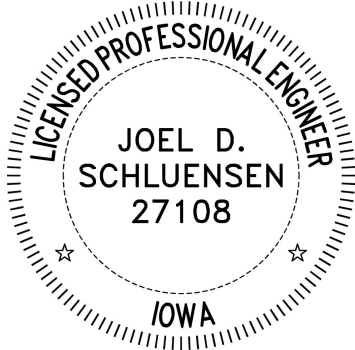


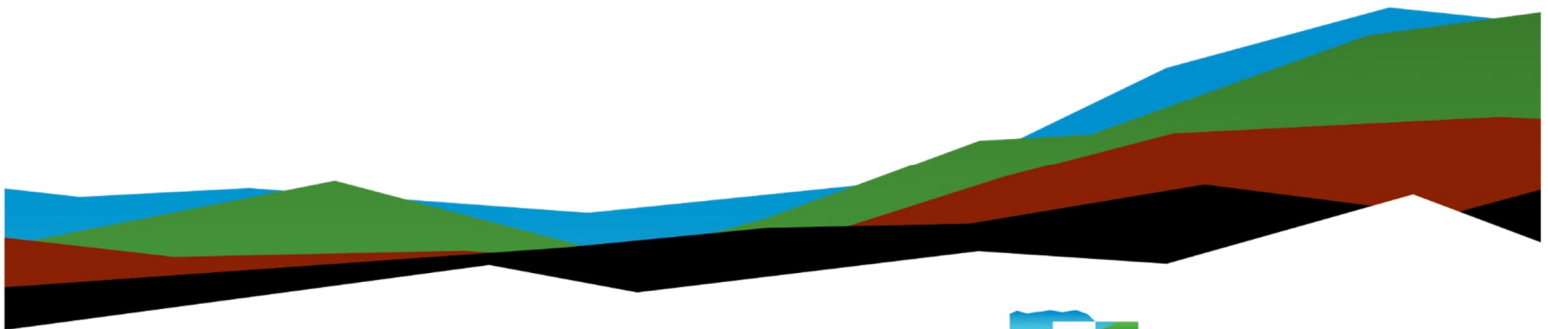
# Field of Dreams Movie Site Professional Ballpark

## Geotechnical Engineering Report

### Prepared for:

RDG Planning & Design  
PO BOX 259006  
Madison, Wisconsin 53725

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.
	September 15, 2023
	Joel D. Schluensen, P.E. Date
My license renewal date is December 31, 2024.	



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Item 17.

September 15, 2023

City of Dyersville  
340 1<sup>st</sup> Avenue E  
Dyersville, Iowa 52040

Attn: Mr. Mick Michel, City Administrator  
P: (563) 875-7724  
E: [mmichel@cityofdyersville.com](mailto:mmichel@cityofdyersville.com)

Re: Geotechnical Engineering Report  
Field of Dreams Movie Site Professional Ballpark  
28995 Lansing Road  
Dyersville, Iowa  
Terracon Project No. 07225161R

Dear Mr. Michel:

We have completed the scope of geotechnical engineering services for the above referenced project in general accordance with Terracon Proposal No. P07225161 dated December 9, 2022. Subsequent to issuing our previous Geotechnical Engineering Report dated March 1, 2023, RDG Planning & Design (RDG) requested information regarding support of the proposed building(s) on shallow foundations bearing on in-situ soils improved through ground improvements. This updated report presents the findings of the subsurface exploration and provides geotechnical recommendations concerning earthwork and the design and construction of foundations, floor slabs, and pavements for the proposed project. In addition, this report supersedes our previous report (Terracon Project No. 07225161, dated March 1, 2023) for this project.

We appreciate the opportunity to be of service to you on this project and look forward to providing the recommended testing and observation services during construction. If you have any questions concerning this report or if we may be of further service, please contact us.

Sincerely,

**Terracon**

Joel D. Schluensen, P.E.  
Project Engineer  
Iowa No. 27108

Sara J. Somsy, P.E.  
Geotechnical Department Manager  
Iowa No. 23543



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## Attachments

Exploration and Testing Procedures

Site Location and Exploration Plan

Exploration and Laboratory Results

Supporting Information

Note: This report was originally delivered in a web-based format. **Blue Bold** text in the report indicates a referenced section heading. The PDF version also includes hyperlinks which direct the reader to that section and clicking on the  logo will bring you back to this page. For more interactive features, please view your project online at [client.terracon.com](http://client.terracon.com).

Refer to each individual Attachment for a listing of contents.



## Introduction

This report presents the results of our subsurface exploration and geotechnical engineering services performed for the proposed improvements to the existing stadium within the Field of Dreams movie site located at 28995 Lansing Road in Dyersville, Iowa. The purpose of these services was to provide information and geotechnical engineering recommendations relative to:

- Subsurface soil and rock conditions
- Groundwater conditions
- Seismic site classification per IBC
- Site preparation and earthwork
- Foundation design and construction
- Floor slab design and construction
- Lateral earth pressures
- Pavement design and construction
- Estimated infiltration rate considerations
- Frost considerations

The geotechnical engineering Scope of Services for this project included the advancement of test borings, laboratory testing, engineering analysis, and preparation of this report.

Subsequent to issuing our Geotechnical Engineering Report dated March 1, 2023, RDG Planning & Design (RDG) requested information regarding support of the proposed building(s) on shallow foundations bearing on in-situ soils improved through ground improvements. This report provides recommendations regarding the support of the building with ground improvements as an alternative to deep foundations. In addition, this report supersedes our previous report (Terracon Project No. 07225161, dated March 1, 2023) for this project.

Drawings showing the site and boring locations are shown on the [Site Location](#) and [Exploration Plan](#), respectively. The results of the laboratory testing performed on soil samples obtained from the site during our field exploration are included on the boring logs and/or as separate graphs in the [Exploration Results](#) section.



## Project Description

Our understanding of the project conditions is as follows:

Item	Description
Information Provided	<ul style="list-style-type: none"> <li>■ RDG provided Terracon a Request for Proposal (RFP), provided via email on November 14, 2022, for the Field of Dreams Movie Site Professional Ballpark. The RFP included information regarding the proposed structures and also a provided a site plan.</li> <li>■ Conference call with RDG and Origin Design on February 16, 2023</li> </ul>
Project Description	<p>Improvements to the existing Field of Dreams major league baseball field will consist of increased seating capacity and more permanent structures and facilities. These improvements are further described in Proposed Structures.</p> <p>Improvements/reconstruction of portions of the existing natural turf field are not anticipated and were not considered in our analyses.</p>
Proposed Structure	<p>Structures associated with the project include:</p> <ul style="list-style-type: none"> <li>■ Below-grade dugouts</li> <li>■ Precast concrete bleacher seating</li> <li>■ Team clubhouse</li> <li>■ Upper concourse with concessions, restrooms, suite, and broadcast booths</li> <li>■ Batter's eye, located beyond center field</li> </ul>
Building Construction	<p>The type of construction will be dependent on the proposed structure. This information was not provided at this time, but the type of construction is anticipated to be precast concrete, reinforced cast-in-place concrete, steel or wood framing.</p>
Finished Floor Elevation	<p>The following finished floor elevations were provided by RDG:</p> <ul style="list-style-type: none"> <li>■ Level 1 (main ground level) = 997.50 feet</li> <li>■ Receiving (ground level north) = 994.00 feet</li> <li>■ Maintenance (ground level east) = 996.60 feet</li> <li>■ Dugouts (1<sup>st</sup> base and 3<sup>rd</sup> base) = 994.17 feet</li> <li>■ Batter's Eye (outfield) = 996.00 feet</li> </ul>



Item	Description
Maximum Loads	<p>The following anticipated structural loads were not provided. In the absence of information provided by the design team, we will use the following loads in estimating settlement based on our experience with similar projects.</p> <p>Precast bleacher seating:</p> <ul style="list-style-type: none"> <li>Columns: 200 to 250 kips</li> <li>Walls: 10 to 15 kips per linear foot (klf)</li> </ul> <p>The following anticipated structural loads were provided by RDG Team Clubhouse and Ancillary Facilities:</p> <ul style="list-style-type: none"> <li>Columns: 750 kips</li> <li>Walls: 10 kips per linear foot (klf)</li> <li>Slabs: 150 pounds per square foot (psf)</li> </ul>
Maximum Loads (continued)	<p>Scoreboard and batter's eye:</p> <ul style="list-style-type: none"> <li>Axial: less than 20 kips</li> <li>Shear: less than 10 kips</li> <li>Moment: Less than 1,500 ft-kips</li> </ul>
Grading	<p>A grading plan was not provided at this time. We anticipate the majority of cuts and fills will be on the order of 5 feet or less to develop final grades.</p>
Stormwater Detention	<p>A stormwater detention pond will be constructed. The location and depth of this pond has not yet been determined but is anticipated to be in the vicinity of Boring 13 based on the preliminary site plan provided in the RFP.</p>
Below-Grade Structures	<p>Dugouts, anticipated to be approximately 2½ feet below adjacent grades.</p> <p>Elevator shafts will extend 4 to 5 feet below finished floor elevation for Level 1 in the Team Clubhouse Building.</p>
Free-Standing Retaining Walls	<p>None anticipated</p>
Pavements	<p>New parking lots and access roads are planned for the facility improvements. Decorative pavements/landscaping is also planned around the west and south sides of the stadium. Pavements are anticipated to be portland cement concrete. Specific information regarding the type and volume of traffic was not available at this time.</p>



Item	Description
Pavements (continued)	<p>The following anticipated ACI traffic categories and daily truck traffic were assumed to consist of:</p> <ul style="list-style-type: none"> <li>Category A: Car parking areas and access lanes; 1 truck per day</li> <li>Category B &amp; C: Entrance, truck service lanes, and buses; 10 trucks per day</li> <li>Category E: Garbage or fire truck lanes</li> </ul> <p>The pavement design period is 20 years.</p>

Terracon should be notified if any of the above information is inconsistent with the planned construction, especially the grading limits, as modifications to our recommendations may be necessary.

## Site Conditions

The following description of site conditions is derived from our site visit in association with the field exploration.

Item	Description
Parcel Information	The project is planned within the existing Field of Dreams site, located at 28995 Lansing Road in Dyersville, Iowa. 42.4991°, -91.0589° (approximate, see <a href="#">Site Location</a> )
Existing Improvements	The site currently consists of a major league baseball field. Metal bleachers and other facilities installed for a previous MLB game have subsequently been removed from the site.
Current Ground Cover	Based on our field exploration, the site consists of gravel surfacing and grass in the areas of the proposed boring locations.
Existing Topography	The provided site plan indicates that elevations on the south, east, and west sides of the existing stadium are relatively level and range from elevations 993 to 996 feet. On the north side of the stadium, elevations increase from elevation 995 at the outfield wall to 1,008 feet northeast of the stadium lights. The ground surface elevation at the boring locations ranges from approximately 994 to 1007 feet.
Site History	Terracon prepared a geotechnical engineering report, Terracon Project No. 07195128, dated November 13, 2019, for the light pole foundations prior to the construction of the existing stadium.



## Geotechnical Characterization

We have developed a general characterization of the subsurface conditions based upon our review of the subsurface exploration, laboratory data, geologic setting and our understanding of the project. This characterization, termed GeoModel, forms the basis of our geotechnical calculations and evaluation of the site. Conditions observed at each exploration point are indicated on the individual logs. The individual logs can be found in the [Exploration Results](#) and the GeoModel can be found in the [Figures](#) attachment of this report.

As part of our analyses, we identified the following model layers within the subsurface profile. For a more detailed view of the model layer depths at each boring location, refer to the GeoModel.

Model Layer	Layer Name	General Description
1	Surface	Topsoil Crushed Limestone
2	Existing Fill	Lean Clay with varying amounts of silt and sand; Poorly Graded Sand with varying amounts of clay and silt, Clayey Sand
3	Native Cohesive Soils	Lean Clay and Lean to Fat Clay with varying amounts of sand and silt
4	Native Granular Soils	Poorly Graded Sand with varying amounts of clay, silt, and gravel; Clayey Sand, Silty Sand, Silty Gravel
5	Bedrock	Limestone, moderately to highly weathered

The borings were advanced using a drilling technique that allow short term groundwater observations to be made while drilling. Groundwater seepage was encountered at depths ranging from about 5½ to 13 feet below existing grades at the time of our field exploration at some boring locations. Groundwater conditions may be different at the time of construction. Groundwater conditions may change because of seasonal variations in rainfall, runoff, and other conditions not apparent at the time of drilling. Long-term groundwater monitoring was outside the scope of services for this project. Please refer to [Earthwork](#) for recommendations addressing dewatering during construction

## Seismic Site Class

The seismic design requirements for buildings and other structures are based on Seismic Design Category. Site Classification is required to determine the Seismic Design Category for a structure. The Site Classification is based on the upper 100 feet of the site profile defined by a weighted average value of either shear wave velocity, standard



penetration resistance, or undrained shear strength in accordance with Section 20.4 of ASCE 7 and the International Building Code (IBC). Based on the soil and bedrock properties observed at the site and as described on the exploration logs and results, our professional opinion is for that a Seismic Site Classification of D be considered for the project. Subsurface explorations at this site were extended to a maximum depth of 41½ feet. The site properties below the boring depth to 100 feet were estimated based on our experience and knowledge of geologic conditions of the general area. Additional deeper borings or geophysical testing may be performed to confirm the conditions below the current boring depth.

## Geotechnical Overview

Based on the subsurface conditions encountered at the boring locations, it is our opinion that the lightly loaded proposed structures (e.g. ancillary buildings; maximum loads less than 100 kips as outlined in [Project Description](#)) can be supported using shallow foundations. At some shallow foundation locations, it should be anticipated that removal of unsuitable native soils from within the zone of influence beneath the foundation and replacement with structural fill will be required. More heavily loaded structures (e.g. precast stadium bleachers, team club house; maximum loads greater than 100 kips) should be supported on deep foundations. As an alternative to supporting these structures on deep foundations, we understand consideration may be given to supporting more heavily loaded structures on in-situ soils modified using a ground improvement system. Please refer to [Shallow Foundations](#), [Ground Improvements](#), and [Deep Foundations](#) for further information. We recommend that the following geotechnical considerations be addressed in the design and construction of the facility:

- Stripping Depths
- Foundation Support
- Existing Fill
- General

### Stripping Depths

Topsoil was present at some of the boring locations (generally in unmodified areas) to depths of about 12 inches below current grades. Based on our experience with similar site conditions, a thicker B-horizon layer (similar in appearance to “topsoil”, but with a lower organic content) may be present within this zone at some locations across the site. In areas where grading has been previously completed, topsoil thicknesses generally ranged from 6 to 8 inches. For budgeting purposes, a stripping depth on the order of 6 inches could be used; however, greater removal depths could be required where soils containing high organic matter, such as previously unmodified (i.e. minimal to no previous grading) areas drainage swales, are present. Variations in the thickness



of topsoil/organic materials are expected across the site and could extend to greater depths in other areas of the site not explored; actual stripping depths are expected to vary across the site. Additional testing of the topsoil layer could be performed during construction to further define the organic portion of the uppermost strata. In general, soils with organic contents above 5% should be removed wherever encountered below areas to receive new fill, shallow footings, floor slabs, and pavements, particularly where they will be exposed to freezing temperatures and/or higher foundation/floor loads.

## Existing Fill

Existing fill materials were encountered at most boring locations to depths of approximately 3½ to 5½ feet below existing grades. The existing fill could extend to greater depths in areas not explored. We understand that the majority of the existing fill was placed during the construction of the existing field, reportedly built to MLB standards. Based on our communication with RDG, we understand that distress has not been observed by others at the existing field to date. However, documentation regarding placement and compaction of the existing fill was not available for our review. Based on the result of our field exploration and our communication with RDG, it appears the existing fill encountered at the boring locations may have placed with some compactive effort; however, the fill varies in consistency, moisture content, and material type across the site. Structures and pavements supported over undocumented fills often do not perform predictably. Although portions of the fill have been in place for some time, without documentation of testing during placement, there is a risk of unpredictable performance and larger than normal settlements of foundations, floor slabs, and pavements supported over the undocumented fill. We recommend that documentation regarding placement and compaction of the existing fill be provided to the design team/owner to aid in the evaluation of the risk associated with undocumented existing fill.

To remove the risk associated with undocumented fill, it is our opinion that the existing undocumented fill should be removed and replaced with structural fill placed and compacted as discussed in this report. Based on the depth of existing fill and proximity to the existing improvements, removal of undocumented existing fill may not be practical. If the owner accepts the possible risk of larger than normal settlements and associated damage to floor slabs, walls supported on floor slabs, etc. and pavements in exchange for reduced construction costs, the existing fill could be left in place below the floor slabs and pavement areas. The Geotechnical Engineer should be retained to observe and test the existing fill during floor slab subgrade preparation to help identify low-density fill zones. We recommend undocumented existing fill be removed below shallow foundations and backfilled as outlined in [Shallow Foundations](#). The on-site soils and existing fill materials encountered in our borings generally appear suitable for placement as structural fill. Please refer to [Earthwork](#) for additional details.



If unsuitable fill or native soils are encountered during construction, they must be improved, or removed and replaced with structural fill. Removal and replacement of the existing fill to a depth of 12 inches below the floor slab/pavement subgrade elevation could also be considered to possibly increase the uniformity of support beneath the floor slabs/pavements. If the owner is not willing to accept the risks discussed, then the existing fill should be removed from below the building and/or pavement areas and replaced with structural fill placed and compacted as recommended in this report. In our opinion, the Geotechnical Engineer should further evaluate the existing fill soils once the surface materials have been removed. Based on our conversations with RDG, we understand the owner is willing to accept the risks associated with support of the floor slabs and pavements on/above existing fill.

Alternatively, the building loads can be supported on deep foundations or in-situ soils modified using a ground improvement system, as discussed below and in [Ground Improvements](#) and [Deep Foundations](#). The floor slabs could then consist of a structural slab or also be supported on in-situ soils modified using a ground improvement system. Please refer to [Floor Slabs](#) and [Ground Improvements](#) for additional details.

## Foundation Support

Based on the results of our exploration and analysis, the on-site soils present at the boring locations are generally suitable for conventional shallow foundations for lightly loaded column (100 kips or less) and wall loads (4 kips per lineal foot or less) using a relatively low bearing pressure. However, moderate (e.g., bleachers) to high structural loads (greater than 100 kips and 4 kips per foot for columns and walls, respectively), are expected to result in settlements greater than 1 inch. Heavy structural loads (e.g., Team Club House), i.e., those exceeding 250 kips and 6 kips per foot for columns and walls, respectively, are recommended to be supported on deep foundations, such as auger cast-on-place piles or straight-sided drilled shafts, extending to suitable native soils and/or bedrock. Please refer to [Deep Foundations](#) for additional details.

As an alternative to supporting the proposed structure(s) on deep foundations, consideration could be given to supporting the structure(s) on in-situ soils modified using a ground improvement system such as aggregate piers or stone columns that extend through the lower strength soils into suitable underlying native soils. Please refer to [Ground Improvements](#) for further information.

## General

Prior to placing any new fill and subsequent to developing final subgrades in cut areas of the site, the exposed soils should be scarified to depths of at least 9 inches, adjusted to recommended moisture contents and compacted. The subgrades should also be proofrolled



with heavy construction equipment, and any weak or unstable soils removed and replaced with new structural fill.

Underground utilities/piping supported in/above existing undocumented fill may experience larger than normal and differential settlements, which could result in damage to the utilities. A greater potential for corrosion of metal structures buried in undocumented fill is also possible.

The on-site soils are easily disturbed by construction traffic. Light weight construction equipment should be used as much as practical. Care must be taken by the contractor to reduce disturbance of the subgrade soils; however, it will likely be necessary to improve the in-place subgrade soils in some areas of the site for support of construction equipment required to construct the building and to place and compact structural fill. Subgrade support can be improved as outlined in [Earthwork](#).

The recommendations contained in this report are based upon the results of field and laboratory testing (presented in the [Exploration Results](#)), engineering analyses, and our current understanding of the proposed project. The [General Comments](#) section provides an understanding of the report limitations.

## Earthwork

Earthwork is anticipated to include demolition, clearing and grubbing, excavations, and structural fill placement. The following sections provide recommendations for use in the preparation of specifications for the work. Recommendations include critical quality criteria, as necessary, to render the site in the state considered in our geotechnical engineering evaluation for foundations, floor slabs, and pavements.

### Demolition

The proposed structures will be constructed within the footprint of former bleacher structures. We recommend existing foundations, slabs, and utilities be removed from within the proposed structure footprint(s) and at least 5 feet beyond the outer edge of foundations/floor slabs.

For areas outside the proposed structure footprints and foundation bearing zones, existing foundations, floor slabs, and utilities should be removed where they conflict with proposed utilities and pavements. In such cases, existing foundations, floor slabs, and utilities should be removed to a depth of at least 2 feet below the affected utility or design pavement subgrade elevation.



## Site Preparation

Prior to placing fill, existing vegetation, topsoil, and root mats should be removed. Stripping of the topsoil should be performed in the proposed building and parking/driveway areas as discussed in [Geotechnical Overview](#).

## Subgrade Preparation

Existing fill, and any loose, soft or otherwise unsuitable soils present within the proposed construction areas should be stripped as discussed in [Geotechnical Overview](#).

After removing the unsuitable materials as discussed above and in [Geotechnical Overview](#), but before placing structural fill, the exposed soils should be observed and tested by the Geotechnical Engineer. Depending upon the conditions encountered, it may be necessary scarify and compact the subgrade as recommended in this report. Scarification/compaction and/or densification of subgrade soils will help provide a firmer base for the compaction of new fill sections and help delineate soft or disturbed materials that may exist at shallow depths below grade.

Low strength subgrade soils, which cannot be satisfactorily compacted in place, could be encountered and will require improvement. Subgrade improvement methods will depend upon on factors including the time of year improvements are needed, the final use of the subgrade, soil type, subsurface water levels, weather conditions, the proposed grading plan, the construction schedule and methods of construction that will be used. Typical alternatives for improving subgrades include the following:

- Scarification and Compaction – Soils can be scarified, moisture condition (i.e., dried or wetted), and compacted. The success of this procedure depends primarily on favorable weather and sufficient time to manipulate the soils. Even with adequate time and favorable weather, stable subgrades may not be achieved if the thickness of the unstable material is greater than about 1 to 1½ feet.
- Undercut and Replacement with Crushed Stone/Aggregate – The use of crushed stone (similar to Iowa Department of Transportation (IaDOT) Modified Subbase Section 4123 Gradation 14), crushed concrete, and/or gravel could be given consideration for this project to improve subgrade stability. To limit depths of potential undercuts, the use of a geogrid could also be considered after underground work, such as utility construction, is completed. The specifications of the reinforcement product manufacturer should be verified prior to material purchase/delivery and placement at the site.
- Chemical Treatment – Unstable or high moisture content clay soils could be chemically treated with hydrated lime, fly ash or portland cement. Chemical treatment should be performed by a pre-qualified contractor having experience with successfully stabilizing subgrades on similar sized projects with similar soil



conditions. The use of chemical agents can impact the operation of adjacent facilities (e.g., wind-blown dust), and this should be considered by the designer and contractor. The Geotechnical Engineer should be notified prior to selection of a chemical stabilization agent to allow time for a review the material's source and chemical constituents data sheet. For estimating purposes, the incorporation rates for either hydrated lime or portland cement are typically 4 to 6 percent (on a dry soil unit rate basis), and about 14 to 16 percent for Class C fly ash. Additional testing could include, but not be limited to, determining the most suitable stabilizing agent, the optimum amounts required, the potential for sulfate induced heave, and freeze-thaw durability of the subgrade. We have observed problems on sites where dust from stabilization operations has migrated off-site and caused problems with building ventilation systems, paint on vehicles in parking lots, etc.

## Fill Material Types

Fill required to achieve design grade should be classified as structural fill and general fill. Structural fill is material used below, or within 10 feet of structures, pavements or constructed slopes. General fill is material used to achieve grade outside of these areas.

Reuse of On-Site Soil: Excavated on-site soil, including the existing fill, may be selectively reused as fill for the project. Portions of the on-site soil will be sensitive to moisture conditions (particularly during seasonally wet periods) and may not be suitable for reuse when above optimum moisture content.

Material property requirements for on-site soil for use as general fill and structural fill are noted in the table below:

Property	Structural Fill	General Fill
Composition	Free of deleterious material	Free of deleterious material
Maximum particle size	3 inches	6 inches (or 2/3 of the lift thickness)
Plasticity	Maximum liquid limit of 45 Maximum plasticity index of 20	Not limited
GeoModel Layer Expected to be Suitable <sup>1</sup>	2, 3, 4	2, 3, 4

1. Based on subsurface exploration. Actual material suitability should be determined in the field at time of construction.

Imported Fill Materials: We understand consideration is being given to utilizing a nearby area for borrow material. Based on our experience at the Field of Dreams site



and in the vicinity of the project, suitable borrow material is anticipated at/near the site. Suitability and quantity of the in-situ materials should be evaluated by the Contractor and Civil Engineer prior to commencement of construction. Imported fill materials should meet the following material property requirements. Regardless of its source, compacted fill should consist of approved materials that are free of organic matter and debris. Frozen material should not be used, and fill should not be placed on a frozen subgrade.

Soil Type <sup>1</sup>	USCS Classification	Acceptable Parameters (for Structural Fill)
Low Plasticity Cohesive	CL, CL-ML ML, SM, SC	Maximum liquid limit of 45 Maximum plasticity index of 20
Granular	GW, GP, GM, GC, SW, SP, SM, SC	Maximum particle size of 3 inches

1. Structural and general fill should consist of approved materials free of organic matter and debris. Frozen material should not be used, and fill should not be placed on a frozen subgrade. A sample of each material type should be submitted to the Geotechnical Engineer for evaluation prior to use on this site. Additional geotechnical consultation should be provided prior to use of uniformly graded gravel on the site.

## Fill Placement and Compaction Requirements

Structural and general fill should meet the following compaction requirements.

Item	Structural Fill	General Fill
Maximum Lift Thickness	9 inches or less in loose thickness when heavy, self-propelled compaction equipment is used 4 inches in loose thickness when hand-guided equipment (i.e. jumping jack or plate compactor) is used	Same as structural fill
Minimum Compaction Requirements <sup>1,2</sup>	98% of max. below foundations and within 1 foot of finished pavement subgrade 95% of max. above foundations, below floor slabs, and more than 1 foot below finished pavement subgrade	92% of max.
Water Content Range <sup>1</sup>	Low plasticity cohesive: -2% to +3% of optimum Granular: -3% to +3% of optimum	As required to achieve min. compaction requirements



1. Maximum density and optimum water content as determined by the standard Proctor test (ASTM D 698).
2. If the granular material is a coarse sand or gravel, or of a uniform size, or has a low fines content, compaction comparison to relative density may be more appropriate. In this case, granular materials should be compacted to at least 70% relative density (ASTM D 4253 and D 4254). Materials not amenable to density testing should be placed and compacted to a stable condition observed by the Geotechnical Engineer or representative.

## Grading and Drainage

All grades must provide effective drainage away from the building during and after construction and should be maintained throughout the life of the structure. Water retained next to the building can result in soil movements greater than those discussed in this report. Greater movements can result in unacceptable differential floor slab and/or foundation movements, cracked slabs and walls, and roof leaks. The roof should have gutters/drains with downspouts that discharge onto splash blocks at a distance of at least 10 feet from the building or connect to the stormwater system at the site.

Exposed ground should be sloped and maintained at a minimum 5% away from the building for at least 10 feet beyond the perimeter of the building. Locally, flatter grades may be necessary to transition ADA access requirements for flatwork. After building construction and landscaping have been completed, final grades should be verified to document effective drainage has been achieved. Grades around the structure should also be periodically inspected and adjusted, as necessary, as part of the structure's maintenance program. Where paving or flatwork abuts the structure, a maintenance program should be established to effectively seal and maintain joints and prevent surface water infiltration.

## Earthwork Construction Considerations

Shallow excavations for the proposed structure are anticipated to be accomplished with conventional construction equipment. Upon completion of filling and grading, care should be taken to maintain the subgrade water content prior to construction of grade-supported improvements such as floor slabs and pavements. Construction traffic over the completed subgrades should be avoided. The site should also be graded to prevent ponding of surface water on the prepared subgrades or in excavations. Water collecting over or adjacent to construction areas should be removed. If the subgrade freezes, desiccates, saturates, or is disturbed, the affected material should be removed, or the materials should be scarified, moisture conditioned, and recompacted prior to floor slab construction.

During construction groundwater could be present in excavations. In our opinion groundwater should be kept at last 2 feet below the excavation bottom during



construction. Any water that collects in excavations should be removed prior to placement of foundation concrete or structural fill. Although the contractor is responsible for the means and methods to dewater excavations, in our opinion, water that accumulates in excavations extending into clay soils, that is due to direct precipitation and runoff, could possibly be removed using sump pits and pumps. A greater dewatering effort could be required for excavations extending below the water table.

As a minimum, excavations should be performed in accordance with OSHA 29 CFR, Part 1926, Subpart P, "Excavations" and its appendices, and in accordance with any applicable local and/or state regulations.

Construction site safety is the sole responsibility of the contractor who controls the means, methods, and sequencing of construction operations. Under no circumstances shall the information provided herein be interpreted to mean Terracon is assuming responsibility for construction site safety or the contractor's activities; such responsibility shall neither be implied nor inferred.

Excavations or other activities resulting in ground disturbance have the potential to affect adjoining properties and structures. Our scope of services does not include review of available final grading information or consider potential temporary grading performed by the contractor for potential effects such as ground movement beyond the project limits. A preconstruction/ precondition survey should be conducted to document nearby property/infrastructure prior to any site development activity. Excavation or ground disturbance activities adjacent or near property lines should be monitored or instrumented for potential ground movements that could negatively affect adjoining property and/or structures.

## Construction Observation and Testing

The earthwork efforts should be observed by the Geotechnical Engineer (or others under their direction). Observation should include documentation of adequate removal of surficial materials (vegetation, topsoil, and pavements), evaluation and remediation of existing fill materials, as well as proofrolling and mitigation of unsuitable areas delineated by the proofroll.

Each lift of compacted fill should be tested, evaluated, and reworked, as necessary, as recommended by the Geotechnical Engineer prior to placement of additional lifts. Each lift of fill should be tested for density and water content at a frequency of at least one test for every 5,000 square feet of compacted fill in the building areas and 10,000 square feet in pavement areas. Where not specified by local ordinance, one density and water content test should be performed for every 150 linear feet of compacted utility trench backfill and a minimum of one test performed for every 12 vertical inches of compacted backfill.



In areas of foundation excavations, the bearing subgrade should be evaluated by the Geotechnical Engineer. If unanticipated conditions are observed, the Geotechnical Engineer should prescribe mitigation options.

In addition to the documentation of the essential parameters necessary for construction, the continuation of the Geotechnical Engineer into the construction phase of the project provides the continuity to maintain the Geotechnical Engineer's evaluation of subsurface conditions, including assessing variations and associated design changes.

## Shallow Foundations

Based on the results of our exploration and analysis, the shallow soils present at the boring locations are generally suitable for supporting lightly loaded column (100 kips or less) or wall loads (4 kips per lineal foot or less) and using a relatively low bearing pressure using shallow footing foundations. To reduce post construction settlements in areas of high loads, the use of deep foundations should be considered for support of heavily loaded structures as discussed in [Geotechnical Overview](#). However, structural load exceeding 100 kips and 4 kips per foot for column and wall loads, respectively, are generally expected to be supported on [Deep Foundations](#).

As an alternative to the use of deep foundations, the structure could be supported on soils modified using ground improvement methods to improve the on-site soils and stabilize the subgrade soils. Design recommendations and construction considerations for shallow foundations supported on approved native soils or structural fill are presented in the following sections. Considerations for support of structures supported on soils modified through ground improvement are presented in the [Ground Improvement](#) section.

If the site has been prepared in accordance with the requirements noted in [Earthwork](#), the following design parameters are applicable for shallow foundations.

### Design Parameters – Compressive Loads

Item	Description
Maximum Net Allowable Bearing Pressure <sup>1, 2</sup>	<ol style="list-style-type: none"> <li>2,000 psf – Foundations supporting lightly loaded column or wall loads</li> <li>3,000 to 6,000 psf – Foundations supporting heavily loaded columns or walls bearing on soils modified using ground improvements; determined by designer<sup>3</sup></li> </ol>



Item	Description
Required Bearing Stratum <sup>4</sup>	<ol style="list-style-type: none"> <li>1. GeoModel Layer 3 or structural fill extending to suitable native soils</li> <li>2. Soil improvement system; determined by designer<sup>3</sup></li> </ol>
Minimum Foundation Dimensions	Per IBC 1809.7
Ultimate Passive Resistance <sup>5</sup> (equivalent fluid pressures)	See <a href="#">Lateral Earth Pressures</a>
Sliding Resistance <sup>6</sup>	See <a href="#">Lateral Earth Pressures</a>
Minimum Embedment below Finished Grade <sup>7</sup>	Exterior footings in unheated areas: 54 inches Exterior footings in heated areas: 42 inches Interior footings in heated areas: 36 inches
Estimated Total Settlement from Structural Loads <sup>2</sup>	<ul style="list-style-type: none"> <li>■ Scoreboard and Batter's Eye: Less than about 1 inch <sup>8</sup></li> <li>■ Precast Bleacher Seating: On the order of 1½ to 2 inches <sup>9</sup></li> </ul>
Estimated Differential Settlement <sup>2, 10</sup>	About ¼ to ¾ of total settlement

1. The maximum net allowable bearing pressure is the pressure in excess of the minimum surrounding overburden pressure at the footing base elevation. Values assume that exterior grades are no steeper than 20% within 10 feet of structure.
2. Values provided are for maximum loads noted in [Project Description](#). Additional geotechnical consultation will be necessary if higher loads are anticipated.
3. The design bearing pressure and resulting load settlement relationship will be determined by the ground improvement designer/installer.
4. Unsuitable or soft soils should be overexcavated and replaced per the recommendations presented in [Earthwork](#).
5. Use of passive earth pressures require the sides of the excavation for the spread footing foundation to be nearly vertical and the concrete placed neat against these vertical faces or that the footing forms be removed and compacted structural fill be placed against the vertical footing face. Assumes no hydrostatic pressure.
6. Can be used to compute sliding resistance where foundations are placed on suitable soil/materials. Frictional resistance for granular materials is dependent on the bearing pressure which may vary due to load combinations. For fine-grained materials, lateral resistance using cohesion should not exceed ½ the dead load.
7. Embedment necessary to minimize the effects of frost and/or seasonal water content variations. For sloping ground, maintain depth below the lowest adjacent exterior grade within 5 horizontal feet of the structure.
8. Based on a maximum isolated spread footing width of 5 feet.
9. Based on a maximum isolated spread footing width of 12 feet.
10. Differential settlements are noted for equivalent-loaded foundations and bearing elevation as measured over a span of 50 feet.



## Design Parameters – Overturning and Uplift Loads

Shallow foundations subjected to overturning loads, such as for the proposed scoreboard, should be proportioned such that the resultant eccentricity is maintained in the center-third of the foundation (e.g.,  $e < b/6$ , where  $b$  is the foundation width). This requirement is intended to keep the entire foundation area in compression during the extreme lateral/overturning load event. Foundation oversizing may be required to satisfy this condition.

Uplift resistance of spread footings can be developed from the effective weight of the footing and the overlying soils with consideration to the IBC basic load combinations.

Item	Description
Soil Moist Unit Weight	110 pcf
Soil Effective Unit Weight <sup>1</sup>	50 pcf
Soil weight included in uplift resistance	Soil included within the prism extending up from the top perimeter of the footing at an angle of 20 degrees from vertical to ground surface

1. Effective (or buoyant) unit weight should be used for soil above the foundation level and below a water level. The high groundwater level should be used in uplift design as applicable.

## Foundation Construction Considerations

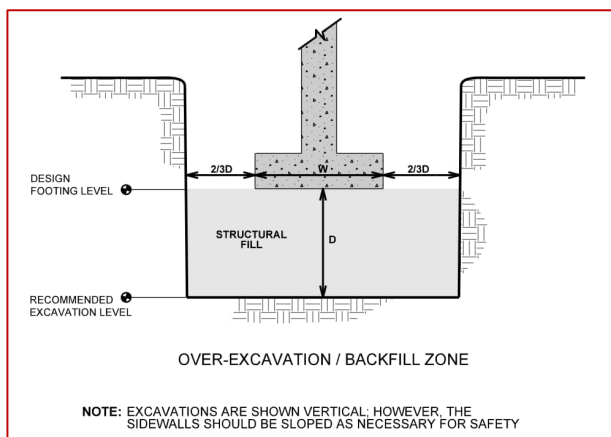
As noted in [Earthwork](#), the footing excavations should be evaluated under the observation of the Geotechnical Engineer. The base of all foundation excavations should be free of water and loose soil, prior to placing concrete. Concrete should be placed soon after excavating to reduce bearing soil disturbance. Care should be taken to prevent wetting or drying of the bearing materials during construction. Excessively wet or dry material or any loose/disturbed material in the bottom of the footing excavations should be removed/reconditioned before foundation concrete is placed.

Sensitive soils exposed at the surface of footing excavations may require surficial compaction with hand-held dynamic compaction equipment prior to placing structural fill, steel, and/or concrete. Should surficial compaction not be adequate, construction of a working surface consisting of either crushed stone or a lean concrete mud mat may be required prior to the placement of reinforcing steel and construction of foundations.

If unsuitable bearing soils are observed at the base of the planned footing excavation, the excavation should be extended deeper to suitable soils, and the footings could bear directly on these soils at the lower level or on structural fill backfill placed in the excavations. Overexcavation for structural fill placement below footings should be



conducted as shown below. The overexcavation should be backfilled up to the footing base elevation, with crushed limestone placed, as recommended in the [Earthwork](#) section.



## Ground Improvement

As an alternative to supporting a structure on deep foundations or removing and replacing undocumented fill as discussed in [Geotechnical Overview](#), foundations and potentially floor slabs could be supported on lower strength/lower density native soils and/or undocumented fill if ground improvement methods are utilized. Ground improvement methods are proprietary systems designed by licensed contractors who could provide further information regarding support options.

A possible ground improvement alternative that may allow more efficient shallow foundation support (i.e. higher allowable bearing pressures and/or lower estimated settlement) includes the installation of aggregate piers. An aggregate pier consists of a stone-filled column constructed by excavating a cylindrical hole and backfilling it with crushed stone placed in lifts and applying a high degree of compactive effort resulting in stone-filled piers. The aggregate pier construction process not only results in a rigid stone-filled column that lends support to structures, it also helps to densify the soils surrounding the pier. Aggregate pier foundations are a proprietary product and, if considered, should be designed and installed by a specialty contractor. Therefore, we recommend that a performance specification be used for this system.

We understand if aggregate pier foundations are utilized, the aggregate pier design firm will be the Geotechnical Engineer of record for these foundations. As such, the design firm would provide the necessary design parameters for the planned foundation system including, but not limited to, allowable bearing capacity, settlement estimates and foundation-specific earthwork recommendations.



## Deep Foundations

Based on the subsurface conditions encountered at the boring locations, it is our opinion that auger cast-in-place (ACIP) piles or straight-sided drilled shafts could be used for support of the proposed structures as an alternative to shallow foundations. Design information is provided in the following sections of this report. As an alternative to deep foundations, we understand consideration is being given to supporting the building with ground improvements as discussed in [Geotechnical Overview](#).

### Design Parameters

Soil design parameters are provided below in the Design Summary tables for the design of drilled shaft and/or (ACIP) foundations. The values presented for allowable side friction and end bearing include a factor of safety of 2 and 3, respectively. Bedrock was encountered within the planned boring depths at Borings 9, 10, 11, and 12. Bedrock was not encountered within the planned boring depths at the remaining locations.

Design Summary – No Bedrock<sup>1, 2</sup>

Depth (feet)	Stratigraphy <sup>3</sup>		Allowable Skin Friction (psf) <sup>4, 5</sup>	Allowable End Bearing Pressure (psf) <sup>5, 6</sup>
	GeoModel Layer No.	Material		
4½	2	Frost Zone	---	---
8	3	Lean Clay	400	---
12	3	Lean Clay	200	2,000
23	4	Poorly Graded Sand	500 to 650	2,000
33	4	Poorly Graded Sand	650 to 750	5,000
40	4	Poorly Graded Sand	750 to 800	5,000

1. Based on conditions encountered at Borings 1 to 8.
2. Design capacities are dependent upon the method of installation and quality control parameters. The values provided are estimates and should be verified when installation protocol have been finalized.
3. See subsurface profile in [Geotechnical Characterization](#) for more details on stratigraphy.
4. Applicable for compressive loading only. Reduce to 2/3 of values shown for uplift loading. The effective weight of the shaft can be added to uplift load resistance to the extent permitted by IBC.
5. Considers a water table 5 feet below existing grades or deeper.



6. Shafts/piles should extend at least one diameter into the bearing stratum for end bearing to be considered.

Design Summary – With Bedrock<sup>1, 2</sup>

Depth (feet)	Stratigraphy <sup>3</sup>		Allowable Skin Friction (psf) <sup>4, 5</sup>	Allowable End Bearing Pressure (psf) <sup>5, 6</sup>
	GeoModel Layer No.	Material		
4½	2	Frost Zone	---	---
6	3	Lean Clay	400	---
12½	4	Poorly Graded Sand	350 to 500	1,500
21½	4	Silty Gravel	500 to 600	2,000
41½	5	Limestone	600 to 1,000	30,000 <sup>7</sup>

1. Based on conditions encountered at Borings 9 to 12.
2. Design capacities are dependent upon the method of installation and quality control parameters. The values provided are estimates and should be verified when installation protocol have been finalized.
3. See subsurface profile in [Geotechnical Characterization](#) for more details on stratigraphy.
4. Applicable for compressive loading only. Reduce to 2/3 of values shown for uplift loading. The effective weight of the shaft/pile can be added to uplift load resistance to the extent permitted by IBC. Uplift resistance in un-reinforced portions of ACIP foundations should be ignored.
5. Shafts/piles should extend at least one diameter into the bearing stratum for end bearing to be considered.
6. Considers a water table 5 feet below existing grades or deeper.
7. Considers drilled shafts will extend into bedrock with at least a "fair" RQD rating; encountered at an approximate depth of 25 feet at Borings 10 and 12.

Shafts/piles should be adequately reinforced as designed by the Structural Engineer for both tension and shear to sufficient depths. Buoyant unit weights of the soil and concrete should be used in the calculations below the highest anticipated groundwater elevation.

Foundations should have a minimum (center-to-center) spacing of three diameters. Closer spacing may require a reduction in axial load capacity. Axial capacity reduction can be determined by comparing the allowable axial capacity determined from the sum of individual piles in a group versus the capacity calculated using the perimeter and base of the pile group acting as a unit. The lesser of the two capacities should be used in design.



A minimum shaft diameter of 30 inches should be used. Drilled shafts should have a minimum length of 12 feet and should extend into the bearing strata at least one shaft/pile/bell diameter for the allowable end-bearing pressures listed in the above table. Additional embedment would be required where the bedrock is more highly weathered (e.g. at Boring 10).

Post-construction settlements of drilled shafts and/or ACIP designed and constructed as described in this report are estimated to range from about ½ to 1 inch. Differential settlement between individual shafts is expected to be ½ to ¾ of the total settlement.

## Lateral Loading

The following table lists input values for use in LPILE analyses. Modern versions of LPILE provide estimated default values of  $k_h$  and  $E_{50}$  based on strength and are recommended for the project. Since deflection or a service limit criterion will most likely control lateral capacity design, no safety/resistance factor is included with the parameters.

Design Summary – No Bedrock

Stratigraphy <sup>1</sup>		L-Pile Soil Model	$S_u$ (psf) <sup>2</sup>	$\phi$ <sup>2</sup>	$\gamma'$ (pcf) <sup>2, 3</sup>	$E_{50}$	K (pci)	
Depth	GeoModel Layer No.						Static	Cyclic
4½	2	Stiff Clay w/o Free Water	50	---	120	Soil Parameters should be ignored due to the effects of frost		
8	3	Stiff Clay w/o Free Water	1,200	---	60	Use Default Value		
12	3	Stiff Clay w/o Free Water	600	---	55	Use Default Value		
23	3	Sand (Reese)	---	28	55	Use Default Value		
33	3	Sand (Reese)	---	30	55	Use Default Value		
40	3	Sand (Reese)	---	31	55	Use Default Value		

1. See Subsurface Profile in [Geotechnical Characterization](#) for more details on Stratigraphy.

2. Definition of Terms:

$S_u$ : Undrained shear strength

$\phi$ : Internal friction angle

$\gamma'$ : Effective unit weight

3. Considers a water table 5 feet below existing grades or deeper.



### Design Summary – With Bedrock

Stratigraphy <sup>1</sup>		L-Pile Soil Model	S <sub>u</sub> (psf) <sup>2</sup>	φ <sup>2</sup>	γ' (pcf) <sup>2, 3</sup>	ε <sub>50</sub>	K (pci)	
Depth	GeoModel Layer						Static	Cyclic
4½	2	Stiff Clay w/o Free Water	50	---	120	Soil Parameters should be ignored due to the effects of frost		
6	3	Stiff Clay w/o Free Water	1,200	---	55	Use Default Value		
12½	3	Sand (Reese)	---	27	60	Use Default Value		
21½	3	Sand (Reese)	---	28	60	Use Default Value		
41½	5	Weak Rock (Reese)	---	---	90	Use Default Value		

1. See Subsurface Profile in [Geotechnical Characterization](#) for more details on Stratigraphy.
2. Definition of Terms:  
 S<sub>u</sub>: Undrained shear strength  
 φ: Internal friction angle  
 γ': Effective unit weight
3. Considers a water table 5 feet below existing grades or deeper.

Group action for lateral resistance of piles/shafts should be considered when spacing is less than six diameters (center to center). Group effects can be roughly estimated with the design parameters for allowable passive resistance in the direction of the load reduced in accordance with the table below; p-y multipliers can also be used in LPILE as a rough estimate for group load behavior. We can provide guidance for p-y multipliers if detailed analyses using LPILE are planned.

Pile/Shaft Spacing <sup>1</sup>	Reduction Factors
6D	1.0
4D	0.85
3D	0.65

1. Where D is the diameter of the shaft

The shafts/piles should be spaced at least three shaft diameters apart (center-to-center) if they will be used to resist lateral loads. Pile caps and/or grade beams could be subject to uplift loading due to frost action; thus, perimeter foundation elements beneath exterior and interior foundations for heated areas should extend at least 3½ and 3 feet, respectively below the lowest adjacent finished grade for frost protection.



The load capacities provided herein are based on the stresses induced in the supporting soil strata. The structural capacity of the shafts/piles should be checked to assure they can safely accommodate the combined stresses induced by axial and lateral forces. Lateral deflections of shafts/piles should be evaluated using an appropriate analysis method, and will depend upon the pile's diameter, length, configuration, stiffness and "fixed head" or "free head" condition. We can provide additional analyses and estimates of lateral deflections for specific loading conditions upon request. The load-carrying capacity of shafts/piles may be improved by increasing the diameter and possibly the length.

## Drilled Shaft Construction Considerations

The drilling contractor should be experienced in the subsurface conditions observed at the site, and the excavations should be performed with equipment capable of providing a clean bearing surface. The drilled straight-shaft foundation system should be installed in general accordance with the procedures presented in "Standard Specification for the Construction of Drilled Piers", ACI Publication No. 336.1-01.

Shallow water and sand soils were encountered at the borings. Subsurface water levels are influenced by seasonal and climatic conditions, which result in fluctuations in subsurface water elevations. Additionally, it is common for water to be present after periods of significant rainfall. Casing or slurry drilling procedures should be anticipated to reduce the potential for excavation sidewall collapse.

The drilling contractor should remove all soft and disturbed soils from the base of the drilled pier prior to placing concrete. The drilled shaft installation process should be performed under the observation of the Geotechnical Engineer. The Geotechnical Engineer should document the shaft installation process including soil/rock and groundwater conditions observed, consistency with expected conditions, and details of the installed shaft.

A full-depth temporary steel casing should be anticipated to shore the sides of the shaft excavations in the overburden. Difficult drilling conditions should be expected within both the sand and gravel layers above the bedrock and in the weathered bedrock, and the potential for hard bedrock drilling conditions should also be anticipated. If casing is removed during concrete placement, care should be exercised to maintain concrete inside the casing at a sufficient level to resist earth and hydrostatic pressures present on a casing exterior. Water or loose soil should be removed from the bottom of the drilled shafts prior to placement of the concrete.

Use of a telescoping casing arrangement can be considered to avoid handling long casing lengths. The lower casing should be of sufficient length and stiffness and have an appropriate cutting edge to allow it to be firmly seated into the bedrock to seal out



groundwater. If possible, excess water should be evacuated from the casing to place concrete in the “dry.”

Care should be taken to not disturb the sides and bottom of the excavation during construction. The bottom of the shaft excavation should be free of loose material before concrete placement. Concrete should be placed as soon as possible after the foundation excavation is completed, to reduce potential disturbance of the bearing surface.

While withdrawing casing, care should be exercised to maintain concrete inside the casing at a sufficient level to resist earth and hydrostatic pressures acting on the casing exterior. Arching of the concrete, loss of seal and other problems can occur during casing removal and result in contamination of the drilled shaft. These conditions should be considered during the design and construction phases. Placement of loose soil backfill should not be permitted around the casing prior to removal.

The drilled shaft installation process should be performed under the observation of the Geotechnical Engineer. The Geotechnical Engineer should document the shaft installation process including soil/rock and groundwater conditions observed, consistency with expected conditions, and details of the installed shaft.

### ACIP Pile Construction Considerations

Installation of adjacent piles with a clear distance spacing of less than ten pile diameters should be delayed until grout in the initial pile has set to avoid possible grout intrusion between the piles which could jeopardize pile integrity.

Proper ACIP pile installation is highly operator-dependent and requires a greater than average dependence on quality workmanship and quality control monitoring. In addition, the successful ACIP pile completion largely depends on the equipment and installation procedures. The auger should be withdrawn in a controlled manner and a sufficient head of grout should always be maintained in the augers to prevent necking of fluid grout due to hydrostatic pressures.

If practical drilling refusal is experienced above the planned termination depth, then a boulder or other obstruction may be present, and a replacement pile should be installed. The situation should be evaluated by the Geotechnical Engineer and the Structural Engineer during the pile driving operations. Continued “hard” drilling to attempt to extend through an obstruction should not be performed due to the possibility of excessive soil removal.

The ACIP pile installation process should be performed under observation of the Geotechnical Engineer. The Geotechnical Engineer should document the pile installation process including soil/rock and groundwater conditions observed, consistency with expected conditions, and details of the installed pile.



## Floor Slabs

Settlement of floor slabs supported on existing fill materials cannot be accurately predicted but could be larger than normal and result in some cracking. Any unsuitable subgrade materials observed during construction should be overexcavated and replaced with new structural fill. The recommendations provided in the following sections are based on supporting the floor slab over a portion of the existing fill, and the owner accepting the risk of larger than normal settlements and damage in exchange for reduced construction costs. Mitigation measures, as noted in Existing Fill within [Earthwork](#), are critical to the performance of floor slabs. To help control cracking, frequent joints in the floor slab are recommended. For additional recommendations, refer to the ACI Design Manual. A higher than normal percentage of steel reinforcement should be considered in the floor slab to provide additional strength and help control crack displacement. A high modulus geogrid placed between the subgrade and base course could also be considered to improve the degree and uniformity of subgrade support, however, all below-grade construction should be completed before the geogrid is placed.

Design parameters for floor slabs assume the requirements for [Earthwork](#) have been followed. Specific attention should be given to positive drainage away from each structure and positive drainage of the aggregate base beneath the floor slab.

If a structural slab is planned for the Team Clubhouse structure, as discussed in [Geotechnical Overview](#), the building slab will not rely on the subgrade for support. The recommendations provided in [Earthwork](#) should be followed to provide a working platform during construction. Placement of an approximately 6-inch-thick layer of base course material as outlined in the following table could be considered to provide a capillary break below the slab. As an alternative to removal and replacement of undocumented fill or use of a structural slab, consideration could be given to supporting the floor slab on in-situ soil modified using a ground improvement system such as aggregate piers or other specialty systems. Please refer to [Ground Improvement](#) for additional information.

### Floor Slab Design Parameters

Item	Description
Floor Slab Support <sup>1</sup>	Use 6 inches base course meeting material specifications of ACI 302 Subgrade compacted to recommendations in <a href="#">Earthwork</a>
Estimated Modulus of Subgrade Reaction <sup>2</sup>	100 pounds per square inch per inch (psi/in) for point loads



1. Floor slabs should be structurally independent of building footings or walls to reduce the possibility of floor slab cracking caused by differential movements between the slab and foundation.
2. Modulus of subgrade reaction is an estimated value based upon our experience with the subgrade condition, the requirements noted in [Earthwork](#), and the floor slab support as noted in this table. It is provided for point loads. For large area loads the modulus of subgrade reaction would be lower.

The use of a vapor retarder should be considered beneath concrete slabs on grade covered with wood, tile, carpet, or other moisture sensitive or impervious coverings, when the project includes humidity-controlled areas, or when the slab will support equipment sensitive to moisture. When conditions warrant the use of a vapor retarder, the slab designer should refer to ACI 302 and/or ACI 360 for procedures and cautions regarding the use and placement of a vapor retarder.

Saw-cut contraction joints should be placed in the slab to help control the location and extent of cracking. For additional recommendations, refer to the ACI Design Manual. Joints or cracks should be sealed with a waterproof, non-extruding compressible compound specifically recommended for heavy duty concrete pavement and wet environments.

Where floor slabs are tied to perimeter walls or turn-down slabs to meet structural or other construction objectives, our experience indicates differential movement between the walls and slabs will likely be observed in adjacent slab expansion joints or floor slab cracks beyond the length of the structural dowels. The Structural Engineer should account for potential differential settlement through use of sufficient control joints, appropriate reinforcing or other means.

## Floor Slab Construction Considerations

Finished subgrade, within and for at least 10 feet beyond the floor slab, should be protected from traffic, rutting, or other disturbance and maintained in a relatively moist condition until floor slabs are constructed. If the subgrade should become damaged or desiccated prior to construction of floor slabs, the affected material should be removed, and structural fill should be added to replace the resulting excavation. Final conditioning of the finished subgrade should be performed immediately prior to placement of the floor slab support course.

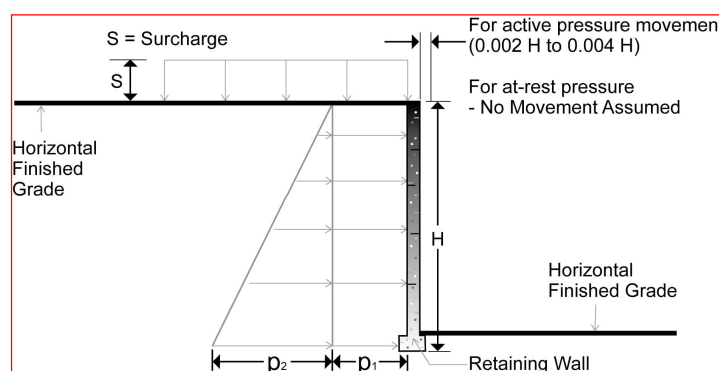
The Geotechnical Engineer should observe the condition of the floor slab subgrades immediately prior to placement of the floor slab support course, reinforcing steel, and concrete. Attention should be paid to high traffic areas that were rutted and disturbed earlier, and to areas where backfilled trenches are located.



## Lateral Earth Pressures

### Design Parameters

Structures with unbalanced backfill levels on opposite sides, such as the team dugouts, should be designed for earth pressures at least equal to values indicated in the following table. Earth pressures will be influenced by structural design of the walls, conditions of wall restraint, methods of construction, and/or compaction and the strength of the materials being restrained. Two wall restraint conditions are shown in the diagram below. Active earth pressure is commonly used for design of free-standing cantilever retaining walls and assumes wall movement. The "at-rest" condition assumes no wall movement and is commonly used for basement walls, loading dock walls, or other walls restrained at the top. The recommended design lateral earth pressures do not include a factor of safety and do not provide for possible hydrostatic pressure on the walls (unless stated).



Lateral Earth Pressure Design Parameters

Earth Pressure Condition <sup>1</sup>	Coefficient for Backfill Type <sup>2</sup>	Surcharge Pressure <sup>3</sup> $p_1$ (psf)	Equivalent Fluid Pressures (psf) <sup>2,4</sup>	
			Unsaturated <sup>5</sup>	Submerged <sup>5</sup>
Active ( $K_a$ )	Granular - 0.33	$(0.33)S$	$(40)H$	$(80)H$
	Fine Grained - 0.42	$(0.42)S$	$(50)H$	$(85)H$
At-Rest ( $K_o$ )	Granular - 0.50	$(0.50)S$	$(60)H$	$(90)H$
	Fine Grained - 0.59	$(0.59)S$	$(70)H$	$(95)H$
Passive ( $K_p$ )	Granular - 3.0	---	$(360)H$	$(240)H$
	Fine Grained - 2.4	---	$(285)H$	$(200)H$

1. For active earth pressure, wall must rotate about base, with top lateral movements  $0.002 H$  to  $0.004 H$ , where  $H$  is wall height. For passive earth



pressure, wall must move horizontally to mobilize resistance. Fat clay or other expansive soils should not be used as backfill behind the wall.

2. Uniform, horizontal backfill, with a maximum unit weight of 120 pcf and a friction angle of 24 and 30 degrees for fine grained and granular, respectively.
3. Uniform surcharge, where S is surcharge pressure.
4. Loading from heavy compaction equipment is not included.
5. To achieve "Unsaturated" conditions, follow guidelines in Subsurface Drainage for Below-Grade Walls below. "Submerged" conditions are recommended when drainage behind walls is not incorporated into the design.

Backfill placed against structures should consist of granular soils or low plasticity cohesive soils. For the granular values to be valid, the granular backfill must extend out and up from the base of the wall at an angle of at least 30, 45, and 60 degrees from vertical for the at-rest, active, and passive cases, respectively. To calculate the resistance to sliding, a value of 0.3 should be used as the ultimate coefficient of friction between the footing and the underlying soil.

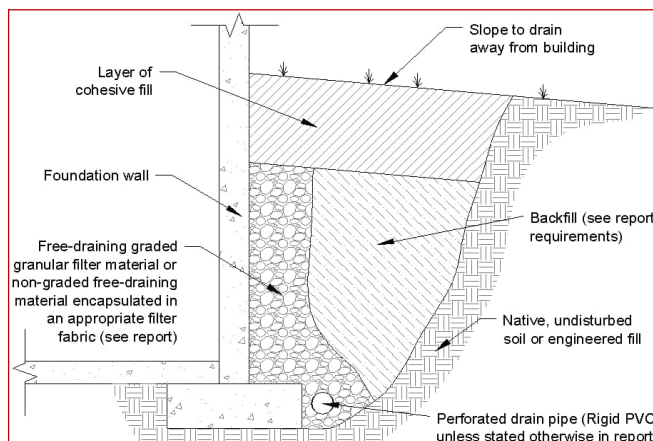
Footings, floor slabs or other loads bearing on backfill behind walls may have a significant influence on the lateral earth pressure. Placing footings within wall backfill and in the zone of active soil influence on the wall should be avoided unless structural analyses indicate the wall can safely withstand the increased pressure.

The lateral earth pressure recommendations given in this section are applicable to the design of rigid retaining walls subject to slight rotation, such as cantilever, or gravity type concrete walls. These recommendations are not applicable to the design of modular block - geogrid reinforced backfill walls (also termed MSE walls). Recommendations covering these types of wall systems are beyond the scope of services for this assignment. However, we would be pleased to develop a proposal for evaluation and design of such wall systems upon request.

### Subsurface Drainage for Below-Grade Walls

A perforated rigid plastic drain line installed behind the base of walls, below adjacent grade, is recommended to prevent hydrostatic loading on the walls, as indicated in the following figure. The invert of a drain line around a below-grade building area or exterior retaining wall should be placed near foundation bearing level. The drain line should be sloped to provide positive gravity drainage to daylight or to a sump pit and pump. The drain line should be surrounded by clean, free-draining granular material having less than 5% passing the No. 200 sieve, such as No. 57 aggregate. The free-draining aggregate should be encapsulated in a filter fabric. The granular fill should extend to within 2 feet of final grade, where it should be capped with compacted cohesive fill to reduce infiltration of surface water into the drain system.





As an alternative to free-draining granular fill, a prefabricated drainage structure may be used. A prefabricated drainage structure is a plastic drainage core or mesh which is covered with filter fabric to prevent soil intrusion and is fastened to the wall prior to placing backfill.

## Pavements

Support of pavements on/above existing fill is discussed in this section. Even with the construction observation/testing recommended in this report, a risk remains for the owner that unsuitable materials within or buried by the fill will not be discovered. This may result in larger than normal settlement and damage to the overlying pavements, requiring additional maintenance. The recommendations presented in the following sections consider the owner is willing to accept the risks associated with supporting the pavements on/above existing fill in exchange for reduced construction costs. This risk can be reduced (but not eliminated) by thorough observation and testing as discussed herein. RDG should consider the following recommendations in the design and layout of pavements.

### General Pavement Comments

Pavement designs are provided for the traffic conditions and pavement life conditions as noted in [Project Description](#) and in the following sections of this report. A critical aspect of pavement performance is site preparation. Pavement designs noted in this section must be applied to the site which has been prepared as recommended in the [Earthwork](#) section.

### Pavement Design Parameters

A modulus of subgrade reaction of 100 pci was used for the estimated portland cement concrete (PCC) pavement thicknesses. The value was empirically derived based upon our



experience with the sandy cohesive subgrade soils and our expectation of the quality of the subgrade as prescribed by the Site Preparation conditions as outlined in [Earthwork](#).

## Pavement Section Thicknesses

The following table provides our estimated minimum thickness of PCC pavements.

### Portland Cement Concrete Design

Layer	Thickness (inches)		
	Traffic Category A <sup>1</sup>	Traffic Category B & C <sup>1</sup>	Traffic Category E <sup>1</sup>
PCC <sup>2</sup>	5	6	6½
Aggregate Base	4	4	4

1. See [Project Description](#) for more specifics regarding traffic classifications.
2. All materials should meet the current IaDOT requirements.

Areas for parking of heavy vehicles, concentrated turn areas, and start/stop maneuvers could require thicker pavement sections. Edge restraints (i.e. concrete curbs or aggregate shoulders) should be planned along curves and areas of maneuvering vehicles.

Although not required for structural support, a minimum 4-inch thick base course layer is recommended to help reduce potential for slab curl, shrinkage cracking, and subgrade pumping through joints. Proper joint spacing will also be required to prevent excessive slab curling and shrinkage cracking. Joints should be sealed to prevent entry of foreign material and doweled where necessary for load transfer. PCC pavement details for joint spacing, joint reinforcement, and joint sealing should be prepared in accordance with ACI 330 and ACI 325.

Where practical, we recommend early-entry cutting of crack-control joints in PCC pavements. Cutting of the concrete in its “green” state typically reduces the potential for micro-cracking of the pavements prior to the crack control joints being formed, compared to cutting the joints after the concrete has fully set. Micro-cracking of pavements may lead to crack formation in locations other than the sawed joints, and/or reduction of fatigue life of the pavement.

Openings in pavements, such as decorative landscaped areas, are sources for water infiltration into surrounding pavement systems. Water can collect in the islands and migrate into the surrounding subgrade soils thereby degrading support of the pavement. Islands with raised concrete curbs, irrigated foliage, and low permeability near-surface



soils are particular areas of concern. The civil design for the pavements with these conditions should include features to restrict or collect and discharge excess water from the islands. Examples of features are edge drains connected to the stormwater collection system, longitudinal subdrains, or other suitable outlets and impermeable barriers preventing lateral migration of water such as a cutoff wall installed to a depth below the pavement structure.

## Pavement Drainage

Pavements should be sloped to provide rapid drainage of surface water. Water allowed to pond on or adjacent to the pavements could saturate the subgrade and contribute to premature pavement deterioration. In addition, the pavement subgrade should be graded to provide positive drainage within the granular base section. Appropriate sub-drainage or connection to a suitable daylight outlet should be provided to remove water from the granular subbase.

Based on the possibility of shallow and/or perched groundwater, we recommend installing a pavement subdrain system to control groundwater, improve stability, and improve long-term pavement performance.

Due to frost-susceptible soils near the ground surface and the possibility of perched groundwater, consideration should be given to installing a pavement subdrain system to control subgrade moisture, improve stability, and improve long-term pavement performance.

We recommend at least 4 inches of free-draining granular material be placed beneath the pavements. The use of a free draining granular base will also reduce the potential for frost action. We recommend pavement subgrades be crowned at least 2% to promote the flow of water towards the subdrains, and to reduce the potential for ponding of water on the subgrade. The design recommendations for the subdrains are provided in the following table:

Subdrain Design Recommendations

Item	Value
Free Draining Granular Base Thickness below Pavement	A minimum of 4 inches of material meeting the specifications for IaDOT granular subbase (Section 4121), modified subbase (Section 4123), or special backfill (Section 4132).
Minimum Drainpipe Diameter	4 inches
Drain Trench Width	16 inches or greater to provide minimum 6-inch annulus of drainage aggregate around drainpipe.



### Subdrain Design Recommendations

Item	Value
Invert Depth below Subgrade Elevation	3½ feet
Drainpipe Spacing	50 to 60 feet on-center
Subdrain Trench Backfill Material	<ul style="list-style-type: none"> <li>■ IaDOT porous backfill (Section 4131), or</li> <li>■ Free-draining coarse-grained material encapsulated with a non-woven geotextile filter fabric (Contech C60NW or equivalent)</li> </ul>

The subdrains should be hydraulically connected to the free-draining granular base layer. Subdrains should be sloped to provide positive gravity drainage to reliable discharge points such as the stormwater detention basin. Periodic maintenance of subdrains is required for long-term proper performance.

### Pavement Maintenance

The pavement sections represent minimum recommended thicknesses and, as such, periodic upkeep should be anticipated. Preventive maintenance should be planned and provided for through an on-going pavement management program. Maintenance activities are intended to slow the rate of pavement deterioration and to preserve the pavement investment. Pavement care consists of both localized (e.g., crack and joint sealing and patching) and global maintenance (e.g., surface sealing). Additional engineering consultation is recommended to determine the type and extent of a cost-effective program. Even with periodic maintenance, some movements and related cracking may still occur, and repairs may be required.

Pavement performance is affected by its surroundings. In addition to providing preventive maintenance, the civil engineer should consider the following recommendations in the design and layout of pavements:

- Final grade adjacent to paved areas should slope down from the edges at a minimum 2%.
- Subgrade and pavement surfaces should have a minimum 2% slope to promote proper surface drainage.
- Install pavement drainage systems surrounding areas anticipated for frequent wetting.
- Install joint sealant and seal cracks immediately.
- Seal all landscaped areas in or adjacent to pavements to reduce moisture migration to subgrade soils.



- Place compacted, low permeability backfill against the exterior side of curb and gutter.
- Place curb, gutter and/or sidewalk directly on clay subgrade soils rather than on unbound granular base course materials.

## Estimated Infiltration Rates

Using the information obtained from the grain size analyses performed (see [Exploration Results](#)), the soil samples tested were classified in accordance with the USCS system and the USDA textural system. These classification systems differ slightly based on the particle size range for sand, silt and clay, and how the gravel size and other over-sized particles are incorporated in the sample. Based on the USDA textural classification, the approximate design infiltration rate was obtained from the Iowa Stormwater Management Manual (ISMM), Section 2E-7 Soils Testing Requirements for Infiltration Practices. The estimated design infiltration rates provided in the ISMM are as follows:

Soil Textural Classification	Design Infiltration Rate (inches/hour) <sup>1</sup>
Coarse sand or coarser	3.6
Loamy coarse sand	3.6
Sand	3.6
Loamy sand	1.6
Sandy loam	0.5
Loam	0.24
Silt loam	0.13
Sandy clay loam	0.11
Clay loam	0.09
Silty clay loam	0.06 <sup>2</sup>
Sandy clay	0.05
Silty clay	0.04
Clay	0.02

1. Infiltration rates represent the lowest value for each textural class presented in Table 2 of Rawls <sup>3</sup>, 1998
2. Infiltration rate is an average based on Rawls <sup>4</sup>, 1982
3. Rawls, W.J., D. Gimenez, and R. Grossman. Use of Soil Texture, Bulk Density, and Slope of Water Retention Curve to Predict Saturated Hydraulic Conductivity. 1998. Transactions of the ASAE. Vol. 41(4):983-988
4. Rawls, W.J., D.L Brakensiek, and K.E. Saxton, K. E. Estimation of Water Properties.1982, Transactions of ASAE. Vol 25 (5):1316-1320 &1328



## Frost Considerations

The soils on this site are frost susceptible, and small amounts of water can affect the performance of the slabs on-grade, sidewalks, and pavements. Exterior slabs should be anticipated to heave during winter months. If frost action needs to be eliminated in critical areas, we recommend the use of non-frost susceptible (NFS) fill or structural slabs (for instance, structural stoops in front of building doors). Placement of NFS material in large areas may not be feasible; however, the following recommendations are provided to help reduce potential frost heave:

- Provide surface drainage away from the building and slabs, and toward the site drainage system.
- Install drains around the perimeter of the building, stoops, below exterior slabs and pavements, and connect them to the site drainage system.
- Grade clayey subgrades so groundwater potentially perched in overlying fill or aggregate base, slope toward a site drainage system.
- Place NFS fill as backfill beneath slabs and pavements critical to the project.
- Place a 3 horizontal to 1 vertical (3H:1V) transition zone between NFS fill and other soils.
- Place NFS materials in critical sidewalk areas.

As an alternative to extending NFS fill to the full frost depth, consideration can be made to placing extruded polystyrene or cellular concrete under a buffer of at least 2 feet of NFS material.

## General Comments

Our analysis and opinions are based upon our understanding of the project, the geotechnical conditions in the area, and the data obtained from our site exploration. Variations will occur between exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction. We recommended that Terracon be retained as the Geotechnical Engineer, where noted in this report, to provide observation and testing services during pertinent construction phases. If variations appear, we can provide further evaluation and supplemental recommendations. If variations are noted in the absence of our observation and testing services on-site, we should be immediately notified so that we can provide evaluation and supplemental recommendations.

Support of the floor slab and pavements above existing undocumented fill is discussed in this report. Even with the construction observation/testing recommended in this report, a risk remains for the owner and/or RDG that unsuitable materials within or buried by the fill will not be discovered. This may result in a larger than normal settlement of the



floor slab and pavements supported above existing fill. This risk cannot be eliminated without removing and replacing the existing fill with structural fill from below the addition's area. Terracon does not accept any risk if the owner and/or RDG chooses to support the slab over the existing fill.

Our Scope of Services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third-party beneficiaries intended. Any third-party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance upon the services and any work product is limited to our client and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

Site characteristics as provided are for design purposes and not to estimate excavation cost. Any use of our report in that regard is done at the sole risk of the excavating cost estimator as there may be variations on the site that are not apparent in the data that could significantly effect excavation cost. Any parties charged with estimating excavation costs should seek their own site characterization for specific purposes to obtain the specific level of detail necessary for costing. Site safety and cost estimating including excavation support and dewatering requirements/design are the responsibility of others. Construction and site development have the potential to affect adjacent properties. Such impacts can include damages due to vibration, modification of groundwater/surface water flow during construction, foundation movement due to undermining or subsidence from excavation, as well as noise or air quality concerns. Evaluation of these items on nearby properties are commonly associated with contractor means and methods and are not addressed in this report. The owner and contractor should consider a preconstruction/precondition survey of surrounding development. If changes in the nature, design, or location of the project are planned, our conclusions and recommendations shall not be considered valid unless we review the changes and either verify or modify our conclusions in writing.



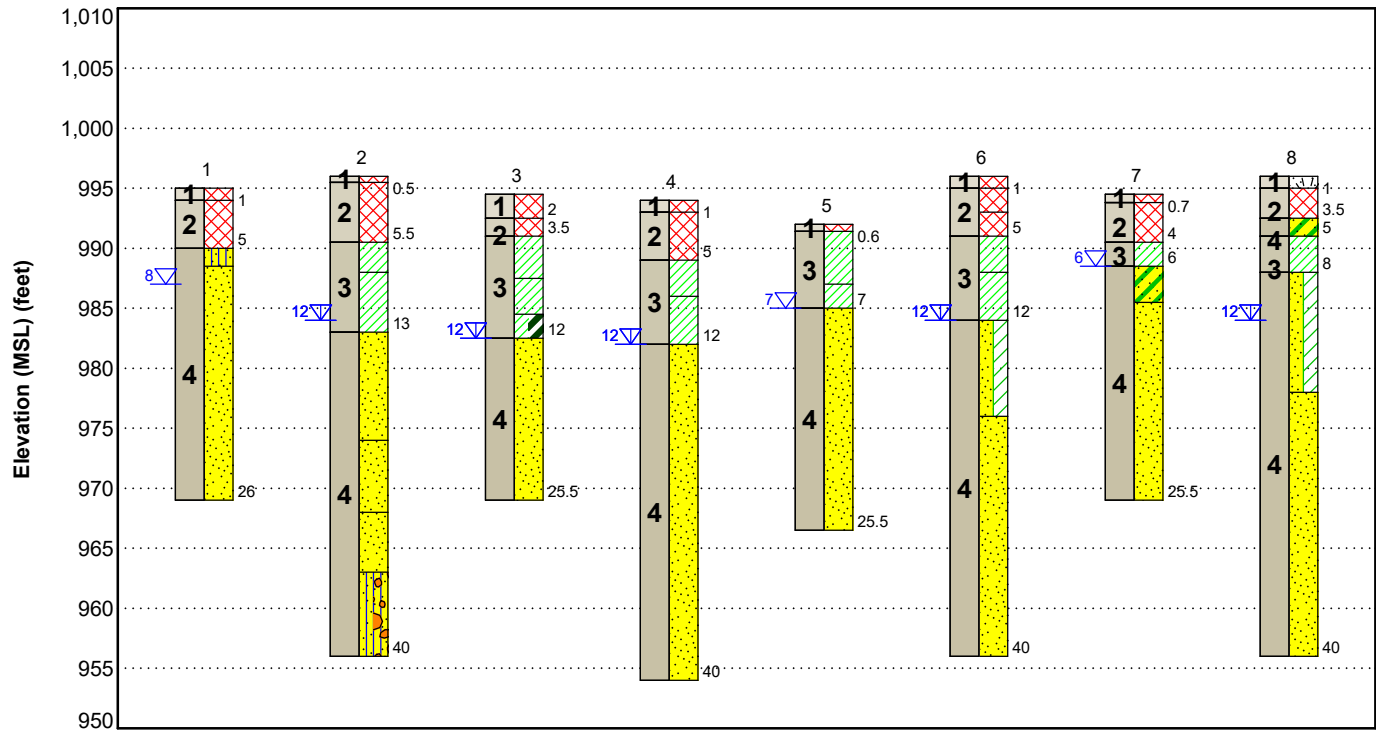
## Figures

Contents:

GeoModel (2 pages)



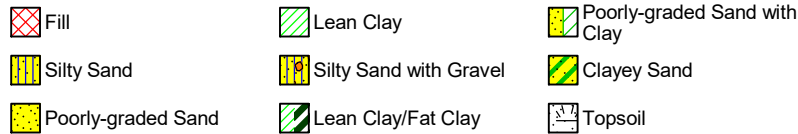
GeoModel



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Topsoil Crushed Limestone
2	Existing Fill	Lean Clay with varying amounts of silt and sand; Poorly Graded Sand with varying amounts of clay and silt, Clayey Sand
3	Native Cohesive Soils	Lean Clay and Lean to Fat Clay with varying amounts of sand and silt
4	Native Granular Soils	Poorly Graded Sand with varying amounts of clay, silt, and gravel; Clayey Sand, Silty Sand, Silty Gravel
5	Bedrock	Limestone, moderately to highly weathered

LEGEND



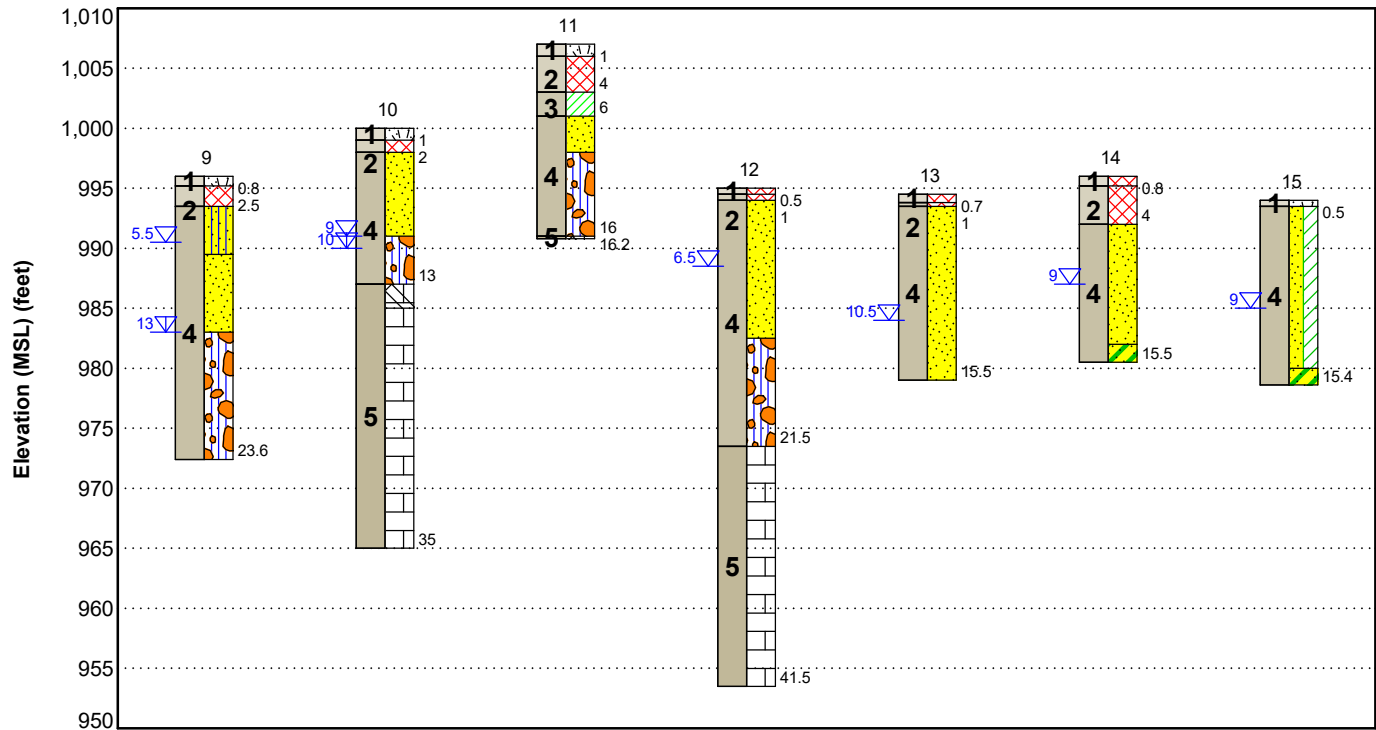
First Water Observation  
Second Water Observation

The groundwater levels shown are representative of the date and time of our exploration. Significant changes are possible over time. Water levels shown are as measured during and/or after drilling. In some cases, boring advancement methods mask the presence/absence of groundwater. See individual logs for details.

NOTES:  
Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project. Numbers adjacent to soil column indicate depth below ground surface.



GeoModel



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surface	Topsoil Crushed Limestone
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5	Bedrock	Limestone, moderately to highly weathered

LEGEND

 Topsoil	 Poorly-graded Sand	 Limestone	 Poorly-graded Sand with Clay
 Fill	 Silty Gravel	 Lean Clay	
 Silty Sand	 Weathered Limestone	 Clayey Sand	

▽ First Water Observation  
▽ Second Water Observation

The groundwater levels shown are representative of the date and time of our exploration. Significant changes are possible over time.  
Water levels shown are as measured during and/or after drilling. In some cases, boring advancement methods mask the presence/absence of groundwater. See individual logs for details.

NOTES:  
Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project.  
Numbers adjacent to soil column indicate depth below ground surface.



## Attachments



## Exploration and Testing Procedures

### Field Exploration

Boring Number	Approximate Boring Depth (feet)	Location
1	26	Concession, restroom, and team clubhouse areas
3, 5, 7	25½	
2, 4, 6, 8	40	Stadium Seating
12	41½	
9	23½	Batter's eye, scoreboard, relocated lighting
10	35	
11	16½	
13, 14, 15	15½	Pavement / parking areas

**Boring Layout and Elevations:** Terracon personnel provided the boring layout using handheld GPS equipment (estimated horizontal accuracy of about ±10 feet) and referencing existing site features. Approximate ground surface elevations were obtained by interpolation from the topographic site plan provided in the RFP.

**Subsurface Exploration Procedures:** We advanced the borings with an ATV-mounted rotary drill rig using continuous flight augers (solid stem and/or hollow stem, as necessary, depending on soil conditions). Soil sampling was performed using thin-wall tube and/or split-barrel sampling procedures. Four samples were obtained in the upper 10 feet of each boring and at intervals of 5 feet thereafter. In the thin-walled tube sampling procedure, a thin-walled, seamless steel tube with a sharp cutting edge was pushed hydraulically into the soil to obtain a relatively undisturbed sample. In the split-barrel sampling procedure, a standard 2-inch outer diameter split-barrel sampling spoon was driven into the ground by a 140-pound automatic hammer falling a distance of 30 inches. The number of blows required to advance the sampling spoon the last 12 inches of a normal 18-inch penetration is recorded as the Standard Penetration Test (SPT) resistance value. The SPT resistance values, also referred to as N-values, are indicated on the boring logs at the test depths. For safety purposes, all borings were backfilled with auger cuttings after their completion.

Upon encountering bedrock or refusal-to-drilling conditions, a minimum of 20 feet of rock coring using NQ2 rock core barrel was performed at select borings. Water was used as a drilling fluid for rock coring and the spent water will be discharged on site.



We also observed the boreholes while drilling and at the completion of drilling for the presence of groundwater. The groundwater levels are shown on the attached boring logs.

The sampling depths, penetration distances, and other sampling information were recorded on the field logs. The samples were placed in appropriate containers and taken to our laboratory for testing and classification by a project engineer or geologist. Our exploration team prepared field logs as part of the drilling operations. These field logs included visual classifications of the materials observed during drilling and our interpretation of the subsurface conditions between samples. Boring logs included in this report were prepared from the field logs, represent the project engineer's interpretation of the field logs, and include modifications based on observations and tests of the samples in our laboratory.

## Laboratory Testing

The project engineer reviewed the field data and assigned laboratory tests. The laboratory testing program included the following types of tests:

- Water content
- Unit dry weight
- Unconfined compressive strength (soil)
- Atterberg limits
- Grain size analysis
- Moisture-density relationship
- California Bearing Ratio (CBR)
- Unconfined compressive strength (rock)

The laboratory testing program included examination of soil samples by an engineer. Based on the results of our field and laboratory programs, we described and classified the soil samples in accordance with the Unified Soil Classification System.

Rock classification was conducted using locally accepted practices for engineering purposes; petrographic analysis may reveal other rock types. Rock core samples typically provide an improved specimen for this classification. Boring log rock classification was determined using the Description of Rock Properties.



## Site Location and Exploration Plan

### Contents:

Site Location  
Exploration Plan

Note: All attachments are one page unless noted above.



Site Location

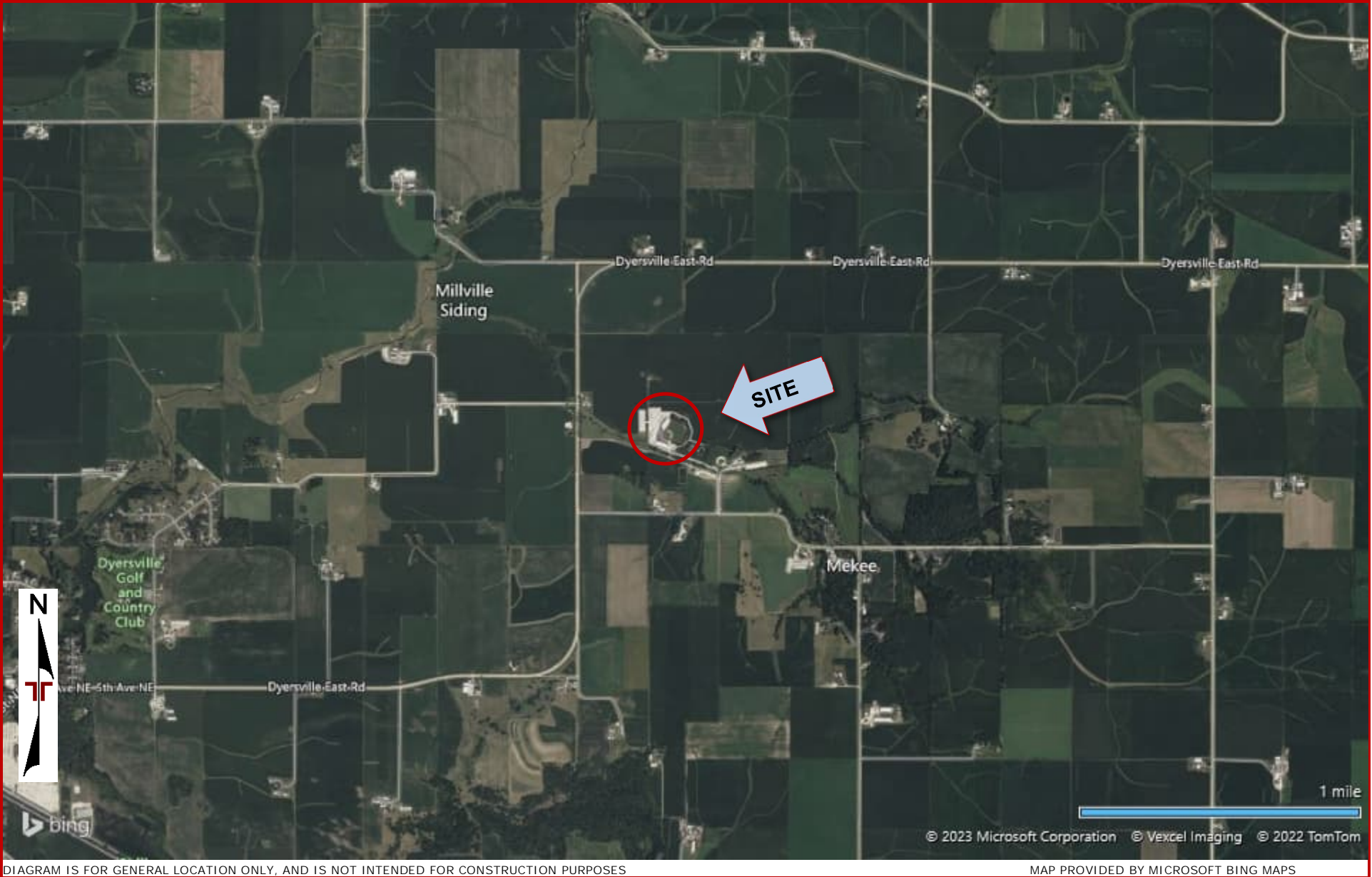


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS



Field of Dreams

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

Field of Dreams

250 feet

© 2023 Microsoft Corporation © Vexcel Imaging © 2022 TomTom

Location	Latitude	Longitude
1	32.8411	-96.7811
2	32.8411	-96.7811
3	32.8411	-96.7811
4	32.8411	-96.7811
5	32.8411	-96.7811
6	32.8411	-96.7811
7	32.8411	-96.7811
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13	32.8411	-96.7811
14	32.8411	-96.7811
15	32.8411	-96.7811



## Exploration and Laboratory Results

### Contents:

Boring Logs (B-1 through B-15)  
Atterberg Limits  
Grain Size Distribution (2 pages)  
Moisture Density Relationships  
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USDA Classifications

Note: All attachments are one page unless noted above.



## Boring Log No. 1

Model Layer	Graphic Log	Location: See Exploration Plan		Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
		Latitude: 42.4996° Longitude: -91.0593°												LL-PL-PI	Percent Fines
		Depth (Ft.)	Elevation: 995 (Ft.) +/-												
1		1.0	<b>CRUSHED LIMESTONE</b> , approx. 12"	994											
2		<b>FILL - SANDY LEAN CLAY</b> , trace crushed limestone, brown and dark brown				X	12	5-6-4 N=10	1			11.2			
		5.0		990			17		2			11.5			
		6.5	<b>SILTY SAND (SM)</b> , fine grained, brown	988.5											
4		<b>POORLY GRADED SAND (SP)</b> , trace clay, fine to medium grained, brown, medium dense				X	14	3-5-7 N=12	3			7.0			

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).  
See Supporting Information for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

8' while drilling

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL

**Logged by**  
ZS

**Boring Started**  
12-20-2022

**Boring Completed**  
12-20-2022

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.



## Boring Log No. 2

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4994° Longitude: -91.0590° Depth (Ft.) Elevation: 996 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
													LL-PL-PI	Percent Fines
1		0.5 <b>CRUSHED LIMESTONE</b> , approx. 995.5												
2		6" <b>FILL - SANDY LEAN CLAY</b> , trace crushed limestone, brown and dark brown												
						18	7-6-6 N=12	1			18.0			
						16	3-7-8 N=15	2			18.4			
		5.5 990.5	5											
		<b>LEAN CLAY (CL)</b> , trace organics, dark brown, stiff				18	3-6-7 N=13	3	5.0		31.5			
3		8.0 988												
		<b>LEAN CLAY (CL)</b> , gray and brown, medium stiff				16	2-3-3 N=6	4			22.9			
			10											
		13.0 983												
		<b>POORLY GRADED SAND (SP)</b> , trace clay and gravel, fine to coarse grained, gray, loose to medium dense				4	3-6-3 N=9	5			16.4			
			15											
4						15	5-6-9 N=15	6			17.7			
		22.0 974	20											
		<b>POORLY GRADED SAND (SP)</b> , trace clay, fine to medium grained, brown, loose to medium dense				15	3-3-5 N=8	7			16.6			
			25											

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

▽ 12' while drilling

▽ 12' after drilling

12' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
748

**Hammer Type**  
Automatic

**Driller**  
LW




**Logged by**  
RP

**Boring Started**  
12-28-2022

**Boring Completed**  
12-28-2022



870 40th Ave  
Bettendorf, IA

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p>	<p><b>Water Level Observations</b></p> <p> 12' while drilling</p> <p> 12' after drilling</p> <p> 12' cave in after drilling</p>	<p><b>Drill Rig</b> 748</p> <p><b>Hammer Type</b> Automatic</p> <p><b>Driller</b> LW</p>
<p><b>Notes</b></p> <p>Elevation Reference: Elevations were interpolated from a topographic site plan.</p>	<p><b>Advancement Method</b> Continuous-Flight Hollow-Stem Auger</p> <p><b>Abandonment Method</b> Boring backfilled with auger cuttings upon completion.</p>	<p><b>Logged by</b> RP</p> <p><b>Boring Started</b> 12-28-2022</p> <p><b>Boring Completed</b> 12-28-2022</p>



## Boring Log No. 3

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4991° Longitude: -91.0595° Depth (Ft.) Elevation: 994.5 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		<b>CRUSHED LIMESTONE</b> , approx. 24"												
2		<b>FILL - LEAN CLAY WITH SILT</b> , trace sand, dark brown	2.0 992.5 3.5 991		X	12	7-7-6 N=13	1	5.6		6.4 17.0			
3		<b>LEAN CLAY (CL)</b> , trace sand, dark brown	5			15		2		2120	25.4	89		
		<b>LEAN CLAY (CL)</b> , gray and brown, soft to medium stiff	7.0 987.5		X	12	1-2-2 N=4	3			26.8			
		<b>LEAN TO FAT CLAY (CL/CH)</b> , dark gray, medium stiff	10.0 984.5			24		4		1260	35.9	82	36-19-17	
		<b>POORLY GRADED SAND (SP)</b> , trace clay and gravel, fine to coarse grained, gray brown, very loose to loose	12.0 982.5											
4			15		X	3	0-1-1 N=2	5			15.6			
			20		X	14	1-2-4 N=6	6			18.6			
			25		X	12	2-3-5 N=8	7			18.4			
		<b>Boring Terminated at 25.5 Feet</b>	25.5 969											

See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).

See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

12' while drilling

12' after drilling

12' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL

**Logged by**  
ZS

**Boring Started**  
12-19-2022

**Boring Completed**  
12-19-2022



## Boring Log No. 4

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4991° Longitude: -91.0591° Depth (Ft.) Elevation: 994 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		<b>CRUSHED LIMESTONE</b> , approx. 12"	1.0 993											
2		<b>FILL - SANDY LEAN CLAY</b> , trace crushed limestone, dark brown and brown	5.0 989		X	17	24-20-18 N=38	1			16.8			
					X	15	6-7-9 N=16	2			13.8			
		<b>LEAN CLAY (CL)</b> , trace organics, gray, medium stiff to stiff	8.0 986		X	8	3-4-4 N=8	3	4.8		31.1			
3		<b>LEAN CLAY (CL)</b> , gray and brown, soft to medium stiff	12.0 982		X	17	1-2-2 N=4	4			19.7			
		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine to coarse grained, gray to brown, loose to medium dense			X	4	0-2-3 N=5	5			14.5			
4		with clay at Sample 6			X	18	5-2-3 N=5	6			18.9			
					X	18	5-8-11 N=19	7			13.3			

See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).

See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

12' while drilling

12' after drilling

12' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
748

**Hammer Type**  
Automatic

**Driller**  
LW




**Logged by**  
RP

**Boring Started**  
12-28-2022

**Boring Completed**  
12-28-2022



870 40th Ave  
Bettendorf, IA

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p>	<p><b>Water Level Observations</b></p> <p> 12' while drilling</p> <p> 12' after drilling</p> <p> 12' cave in after drilling</p>	<p><b>Drill Rig</b> 748</p> <p><b>Hammer Type</b> Automatic</p> <p><b>Driller</b> LW</p> <p><b>Logged by</b> RP</p> <p><b>Boring Started</b> 12-28-2022</p> <p><b>Boring Completed</b> 12-28-2022</p>
<p><b>Notes</b></p> <p>Elevation Reference: Elevations were interpolated from a topographic site plan.</p>	<p><b>Advancement Method</b> Continuous-Flight Hollow-Stem Auger</p> <p><b>Abandonment Method</b> Boring backfilled with auger cuttings upon completion.</p>	



## Boring Log No. 5

Model Layer	Graphic Log	Location: See <a href="#">Exploration Plan</a>		Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
		Latitude: 42.4988° Longitude: -91.0592°	Elevation: 992 (Ft.) +/-											LL-PL-PI	Percent Fines
1		0.6	991.4												
3		<b>CRUSHED LIMESTONE</b> , approx. 7"													
		<b>LEAN CLAY (CL)</b> , with organics, dark gray					19		1	5.5		36.0		35-22-13	87
		5.0	987				10	2-1-3 N=4	2			25.2			
4		<b>LEAN CLAY (CL)</b> , gray and brown													
		7.0	985				9		3			23.3			
		<b>POORLY GRADED SAND (SP)</b> , trace clay and gravel, fine to coarse grained, brown, loose to medium dense													
				10			8	3-5-3 N=8	4			16.7			
		with clay at Sample 5													
				15			10	5-7-7 N=14	5			19.8			
				20			12	2-2-4 N=6	6			15.7			
				25			14	7-8-12 N=20	7			13.0			
		25.5	966.5												
		<b>Boring Terminated at 25.5 Feet</b>													

See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).

See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

7" while drilling

11' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL






**Logged by**  
ZS

**Boring Started**  
12-20-2022

**Boring Completed**  
12-20-2022



## Boring Log No. 6

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4988° Longitude: -91.0586° Depth (Ft.) Elevation: 996 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
													LL-PL-PI	Percent Fines
1		<b>CRUSHED LIMESTONE</b> , approx. 12"	995											
2		<b>FILL - CLAYEY SAND</b> , trace crushed limestone, dark gray	993			16	13-19-12 N=31	1			16.1			
		<b>FILL - SANDY LEAN CLAY</b> , trace crushed limestone, brown and dark gray	991			16	5-7-9 N=16	2			26.7			
3		<b>LEAN CLAY (CL)</b> , trace sand and fine roots, gray to dark gray, stiff	988			18	3-6-6 N=12	3			22.5			
		<b>LEAN CLAY (CL)</b> , with sand, gray and brown, medium stiff				13	2-3-4 N=7	4			16.5			
4		<b>POORLY GRADED SAND (SP-SC)</b> , with clay, trace gravel, fine grained, brown gray, loose to medium dense	984			6	8-8-6 N=14	5			11.6			
						4	2-2-2 N=4	6			20.1			
		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine to coarse grained, brown, medium dense	976			13	5-10-12 N=22	7			16.8			


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).


See [Supporting Information](#) for explanation of symbols and abbreviations.


### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

 12' while drilling

 12' after drilling

 12' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

### Drill Rig

748

### Hammer Type

Automatic

### Driller

LW

### Logged by

RP

### Boring Started





12-28-2022

### Boring Completed

12-28-2022



## Boring Log No. 6



Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4988° Longitude: -91.0586° Depth (Ft.) Elevation: 996 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	Percent Fines
													LL-PL-PI	
4		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine to coarse grained, brown, medium dense (continued)	30		18		5-9-16 N=25	8			14.7			
			35		16		9-6-12 N=18	9			16.4			
		40.0 956	40		16		5-6-6 N=12	10			19.1			
		<b>Boring Terminated at 40 Feet</b>												


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).  
See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

-  12' while drilling
-  12' after drilling

 12' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
748

**Hammer Type**  
Automatic

**Driller**  
LW

**Logged by**  
RP

**Boring Started**  
12-28-2022

**Boring Completed**  
12-28-2022



## Boring Log No. 7

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4987° Longitude: -91.0587° Depth (Ft.) Elevation: 994.5 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		<b>CRUSHED LIMESTONE</b> , approx. 8"	0.7											
2		<b>FILL - SANDY LEAN CLAY</b> , trace crushed limestone, brown				10	5-4-3 N=7	1			18.6		35-20-15	
3		<b>LEAN CLAY (CL)</b> , gray to dark gray, very stiff	4.0			18		2		4080	19.0	102		
		<b>CLAYEY SAND (SC)</b> , fine grained, gray brown, medium dense	6.0			12	3-8-7 N=15	3			12.8			
		<b>POORLY GRADED SAND (SP)</b> , trace clay and gravel, fine to coarse grained, brown gray, loose to medium dense	9.0			10	5-5-3 N=8	4			13.8			
4						12	6-5-7 N=12	5			17.3			
						10	3-8-8 N=16	6			17.0			
						14	10-8-7 N=15	7			13.7			
		<b>Boring Terminated at 25.5 Feet</b>	25.5											

See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).  
See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

6' while drilling

13' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL

**Logged by**  
ZS

**Boring Started**  
12-20-2022

**Boring Completed**  
12-20-2022



## Boring Log No. 8

Model Layer	Graphic Log	Location: See <a href="#">Exploration Plan</a> Latitude: 42.4988° Longitude: -91.0581° Depth (Ft.) Elevation: 996 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
													LL-PL-PI	Percent Fines
1		<b>TOPSOIL</b> , approx. 12"	1.0 995											
2		<b>FILL - POORLY GRADED SAND</b> , with clay, trace gravel, fine to medium grained, brown, medium dense	3.5 992.5		X	13	4-6-7 N=13	1			9.8			
4		<b>CLAYEY SAND (SC)</b> , fine to medium grained, dark brown, loose	5.0 991		X	15	3-3-4 N=7	2			17.2			
3		<b>LEAN CLAY (CL)</b> , with sand, dark brown, medium stiff	8.0 988		X	16	3-3-4 N=7	3			21.8			
4		<b>POORLY GRADED SAND (SP-SC)</b> , with clay, trace gravel, fine grained, brown and gray, medium dense	10		X	13	3-4-6 N=10	4			18.8			
		loose at Sample 5	15		X	5	3-4-5 N=9	5			19.6			
			20		X	13	2-2-2 N=4	6			14.0			
		medium grained at Sample 7	25		X	18	5-10-11 N=21	7			15.2			

See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).

See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

12' while drilling

12' after drilling

12' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
748

**Hammer Type**  
Automatic

**Driller**  
LW




**Logged by**  
RP

**Boring Started**  
12-28-2022

**Boring Completed**  
12-28-2022



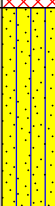







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<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p>		<p><b>Drill Rig</b> 748</p> <p><b>Hammer Type</b> Automatic</p> <p><b>Driller</b> LW</p> <p><b>Logged by</b> RP</p> <p><b>Boring Started</b> 12-28-2022</p> <p><b>Boring Completed</b> 12-28-2022</p>
<p><b>Notes</b></p> <p>Elevation Reference: Elevations were interpolated from a topographic site plan.</p>	<p><b>Water Level Observations</b></p> <div>  12' while drilling         </div> <div>  12' after drilling         </div> <div>  12' cave in after drilling         </div> <p><b>Advancement Method</b> Continuous-Flight Hollow-Stem Auger</p>  <p><b>Abandonment Method</b> Boring backfilled with auger cuttings upon completion.</p>	<p>317</p>



## Boring Log No. 9

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4991° Longitude: -91.0574° Depth (Ft.) Elevation: 996 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
													LL-PL-PI	Percent Fines
1		<b>TOPSOIL</b> , approx. 10"	0.8 995.2											
2		<b>FILL - LEAN CLAY</b> , trace gravel, dark brown	2.5 993.5			12	3-2-6 N=8	1			12.4			
		<b>SILTY SAND (SM)</b> , trace gravel, fine to medium grained, brown, loose												
						10	3-3-4 N=7	2			15.6			19
			6.5 989.5											
		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine to medium grained, brown, loose to medium dense				8	4-7-7 N=14	3			17.4			
						14	3-4-3 N=7	4			19.6			
4		<b>SILTY GRAVEL (GM)</b> , with clay seams, brown, loose (residual soil)	13.0 983											
						9		5			20.4			
														
						6	2-2-3 N=5	6			17.9			
			23.6 972.4											
		<b>Boring Terminated at 23.6 Feet</b>					50/1"	7						


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).


See [Supporting Information](#) for explanation of symbols and abbreviations.


### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

 5 1/2' while drilling

 13' after drilling

 18' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL




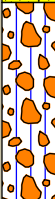


**Logged by**  
ZS

**Boring Started**  
12-21-2022

**Boring Completed**  
12-21-2022



## Boring Log No. 10

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4997° Longitude: -91.0572° Depth (Ft.) Elevation: 1000 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
													LL-PL-PI	Percent Fines
1		<b>TOPSOIL</b> , approx. 12"	1.0 999											
2		<b>FILL - LEAN CLAY</b> , dark brown and gray	2.0 998											
4		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine grained, brown, medium dense				12		1			8.1			
						12	5-5-5 N=10	2			7.0			
						14	5-6-18 N=24	3			11.3			
4		<b>SILTY GRAVEL (GM)</b> , light brown, dense (residual soil)	9.0 991											
						12	6-21-20 N=41	4			13.4			
5		<b>WEATHERED LIMESTONE</b> , with silt and sand, light brown	13.0 987			1	50/3"	5						
			15.0 985											
						47	REC: 78% RQD: 8%	R1						
						59	REC: 98% RQD: 17%	R2						
5		<b>LIMESTONE</b> , light brown to grayish brown, thin bedding, moderately weathered												
		vertical fracture at about 20½ feet	20											
		fractured at about 25 feet	25											


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).


See [Supporting Information](#) for explanation of symbols and abbreviations.


### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

 9; while drilling

 10' after drilling

 10' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger from 0 to 15 feet.  
Rock Core from 15 feet to end of boring.

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719/748

**Hammer Type**  
Automatic

**Driller**  
DL


**Logged by**  
ZS

**Boring Started**  
12-21-2022

**Boring Completed**  
12-29-2022



## Boring Log No. 10



Model Layer	Graphic Log	Location: See <a href="#">Exploration Plan</a> Latitude: 42.4997° Longitude: -91.0572° Depth (Ft.) Elevation: 1000 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	Percent Fines
													LL-PL-PI	
5		<b>LIMESTONE</b> , light brown to grayish brown, thin bedding, moderately weathered ( <i>continued</i> ) fractured at about 28 and 29 feet  vertical joint at about 32½ and 33 feet	30			60	REC: 100% RQD: 50%	R3						
			35.0			55	REC: 92% RQD: 83%	R4						
		<b>Boring Terminated at 35 Feet</b>	35											


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).  
See [Supporting Information](#) for explanation of symbols and abbreviations.

#### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

#### Water Level Observations

-  9; while drilling
-  10' after drilling

 10' cave in after drilling

#### Advancement Method

Continuous-Flight Hollow-Stem Auger from 0 to 15 feet.  
Rock Core from 15 feet to end of boring.

#### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719/748

**Hammer Type**  
Automatic

**Driller**  
DL




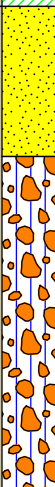

**Logged by**  
ZS

**Boring Started**  
12-21-2022

**Boring Completed**  
12-29-2022



## Boring Log No. 11

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.5000° Longitude: -91.0579° Depth (Ft.) Elevation: 1007 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	
													LL-PL-PI	Percent Fines
1		<b>TOPSOIL</b> , approx. 12"	1.0 1006											
2		<b>FILL - LEAN CLAY</b> , trace organics, dark brown	4.0 1003			12	2-2-3 N=5	1			28.2			
3		<b>LEAN CLAY (CL)</b> , dark brown to brown, stiff	6.0 1001			13		2		2330	17.4	93		
4		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine grained, brown, loose	9.0 998			10	3-3-2 N=5	3			15.7			
		<b>SILTY GRAVEL (GM)</b> , brown, medium dense (residual soil)				12	8-13-17 N=30	4			11.6			
5		<b>WEATHERED LIMESTONE</b> , with silt and sand	16.0 991											
		<b>Boring Terminated at 16.2 Feet</b>	16.2 990.8				50/2"	6						


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).  
See [Supporting Information](#) for explanation of symbols and abbreviations.

#### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

#### Water Level Observations

Not recorded during or after drilling

 13' cave in after drilling

#### Advancement Method

Continuous-Flight Hollow-Stem Auger

#### Abandonment Method

Boring backfilled with auger cuttings upon completion.

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL

**Logged by**  
ZS

**Boring Started**  
12-21-2022

**Boring Completed**  
12-21-2022



870 40th Ave  
Bettendorf, IA

See **Exploration and Testing Procedures** for a description of field and laboratory procedures used and additional data (If any).

See **Supporting Information** for explanation of symbols and abbreviations.

Elevation Reference: Elevations were interpolated from a topographic site plan.

\*Soil description is based on the driller's field classification of disturbed samples and on drilling characteristics.

6 1/2' while drilling

16' cave in after drilling


Continuous-Flight Hollow-Stem Auger from 0 to 9 feet.  
Mud Rotary from 13 feet to 21.5 feet.  
Rock Core from 21.5 feet to end of boring.

**Abandonment Method**  
Boring backfilled with auger cuttings and bentonite-cement grout.

**Boring Comp**  
12-19-2022



## Boring Log No. 12


Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4999° Longitude: -91.0588° Depth (Ft.) Elevation: 995 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	Percent Fines
													LL-PL-PI	
5		<b>LIMESTONE</b> , light brown to light gray, thin bedding, moderately weathered ( <i>continued</i> )  clay seam at about 30½ feet   rock unconfined compressive strength: 13,490 psi at about 37.5 feet	30			88	REC: 92% RQD: 57%	R2						
						12	REC: 100% RQD: 100%	R3						
						120	REC: 100% RQD: 98%	R4						
		41.5 953.5 <b>Boring Terminated at 41.5 Feet</b>												


See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).  
See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.  
\*Soil description is based on the driller's field classification of disturbed samples and on drilling characteristics.

### Water Level Observations

 6 1/2' while drilling

 16' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger from 0 to 9 feet.  
Mud Rotary from 13 feet to 21.5 feet.  
Rock Core from 21.5 feet to end of boring.

### Abandonment Method

Boring backfilled with auger cuttings and bentonite-cement grout.

**Drill Rig**  
719

**Hammer Type**  
Automatic

**Driller**  
DL



**Logged by**  
ZS

**Boring Started**  
12-19-2022

**Boring Completed**  
12-19-2022



870 40th Ave  
Bettendorf, IA

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p>	<p><b>Water Level Observations</b></p> <p> 10 1/2' while drilling</p>	<p><b>Drill Rig</b> 719</p>
	<p> 9' cave in after drilling</p>	<p><b>Hammer Type</b> Automatic</p>
<p><b>Notes</b></p> <p>Elevation Reference: Elevations were interpolated from a topographic site plan.</p> <p>*Soil description is based on the driller's field classification of disturbed samples and on drilling characteristics.</p>	<p><b>Advancement Method</b> Continuous-Flight Hollow-Stem Auger</p>	<p><b>Driller</b> DL</p>
	<p><b>Abandonment Method</b> Boring backfilled with auger cuttings upon completion.</p>	<p><b>Logged by</b> ZS</p>
		<p><b>Boring Started</b> 12-21-2022</p>
		<p><b>Boring Completed</b> 12-21-2022</p>



## Boring Log No. 14

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 42.4996° Longitude: -91.0603° Depth (Ft.) Elevation: 996 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (In.)	Field Test Results	Sample Number	Organic Content (%)	Unconfined Compressive Strength (psf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits	Percent Fines
													LL-PL-PI	
1		<b>CRUSHED LIMESTONE</b> , approx. 0.8 10" 995.2												
2		<b>FILL - LEAN CLAY</b> , trace gravel, dark brown 4.0 992			X	11	4-3-4 N=7	1			13.5			
4		<b>POORLY GRADED SAND (SP)</b> , trace gravel, fine grained, brown, medium dense 14.0 982	5			12		2			5.2			
					X	10	3-4-6 N=10	3			8.6			
			10		X	14	4-7-6 N=13	4			15.1			
					X	12	3-5-5 N=10	5			21.8			
		<b>CLAYEY SAND (SC)</b> , fine to medium grained, brown, medium dense 15.5 980.5	15											
		<b>Boring Terminated at 15.5 Feet</b>												

See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).

See [Supporting Information](#) for explanation of symbols and abbreviations.

### Notes

Elevation Reference: Elevations were interpolated from a topographic site plan.

### Water Level Observations

9' while drilling

9' cave in after drilling

### Advancement Method

Continuous-Flight Hollow-Stem Auger

### Abandonment Method

Boring backfilled with auger cuttings upon completion.

### Drill Rig

719

### Hammer Type

Automatic

### Driller

DL

### Logged by

ZS

### Boring Started


12-21-2022

### Boring Completed

12-21-2022



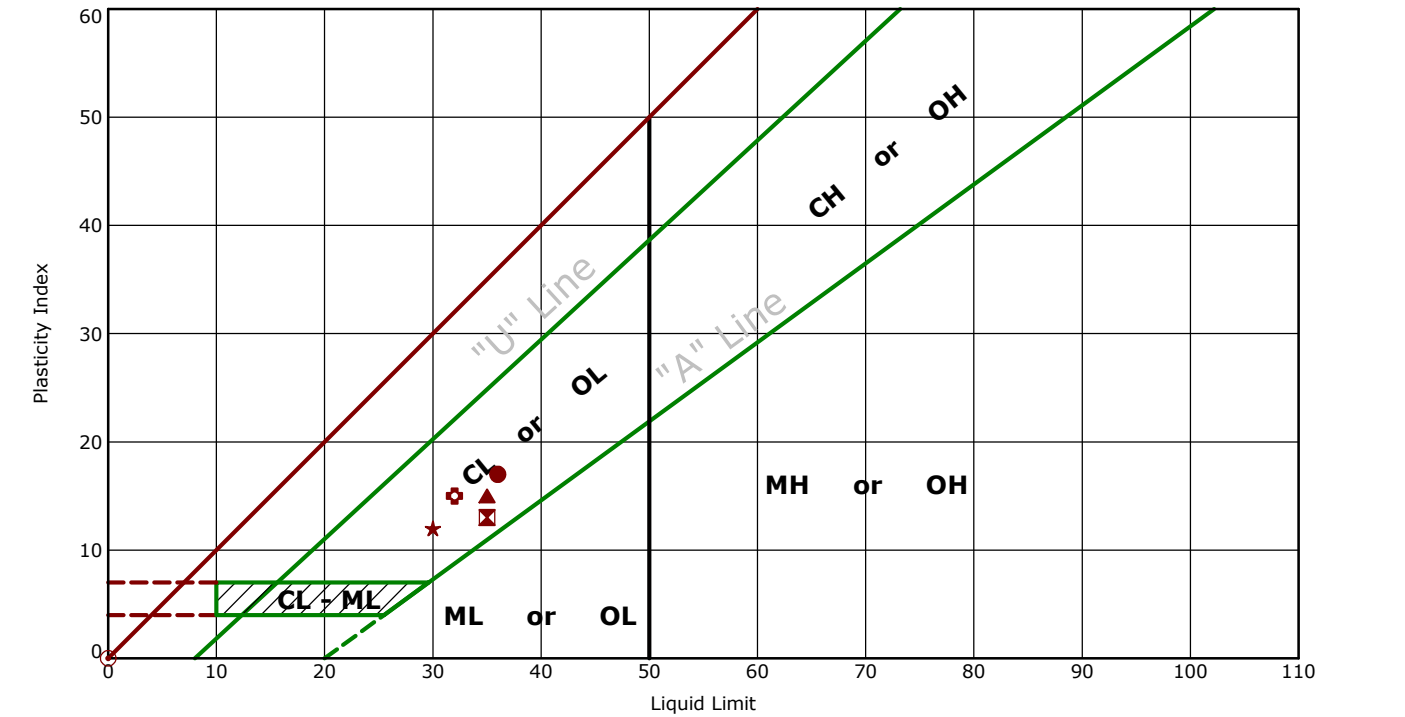
870 40th Ave  
Bettendorf, IA

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p>	<p><b>Water Level Observations</b></p> <p> 9' while drilling</p>	<p><b>Drill Rig</b></p> <p>719</p>
	<p><b>Advancement Method</b></p> <p>Continuous-Flight Hollow-Stem Auger</p>	<p><b>Hammer Type</b></p> <p>Automatic</p>
<p><b>Notes</b></p> <p>Elevation Reference: Elevations were interpolated from a topographic site plan.</p>	<p><b>Abandonment Method</b></p> <p>Boring backfilled with auger cuttings upon completion.</p>	<p><b>Driller</b></p> <p>DL</p>
		<p><b>Logged by</b></p> <p>ZS</p>
		<p><b>Boring Started</b></p> <p>12-21-2022</p>
		<p><b>Boring Completed</b></p> <p>12-21-2022</p>



# Atterberg Limit Results

ASTM D4318

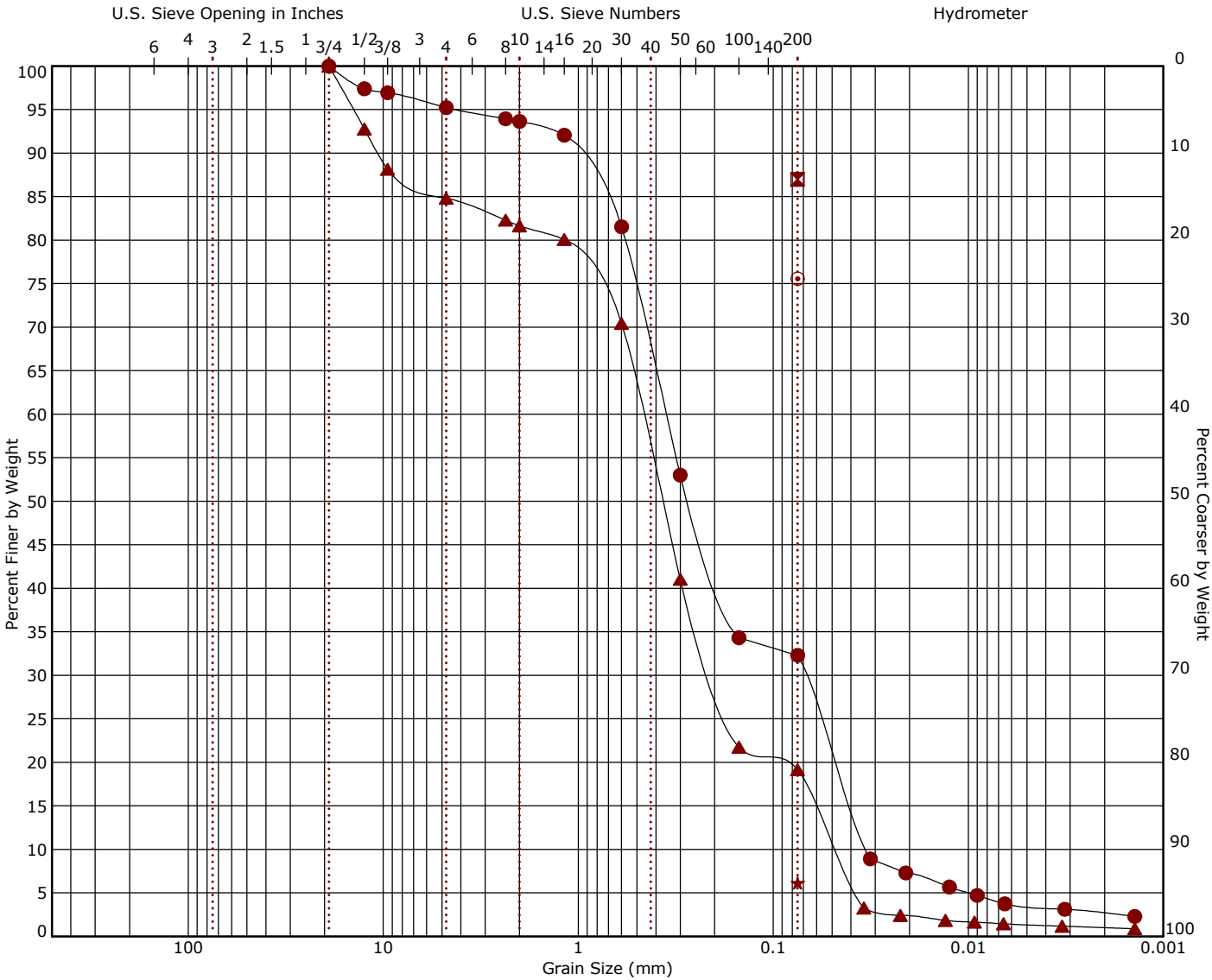


	Boring ID	Depth (Ft)	LL	PL	PI	Fines	USCS	Description
●	3	9 - 11	36	19	17		CL	LEAN CLAY
⊠	5	1.5 - 3.5	35	22	13	87.0	CL	LEAN CLAY
▲	7	1.5 - 3	35	20	15		CL	SANDY LEAN CLAY
★	Boring 7 Bulk	6 - 11.2	30	18	12	75.6	CL	LEAN CLAY with SAND
⊙	Boring 13 Bulk	1 - 5	NP	NP	NP	10.6	SP-SC	POORLY GRADED SAND with CLAY
⊕	Boring 14 Bulk	1 - 4	32	17	15	59.1	CL	SANDY LEAN CLAY



# Grain Size Distribution

## ASTM D422 / ASTM C136

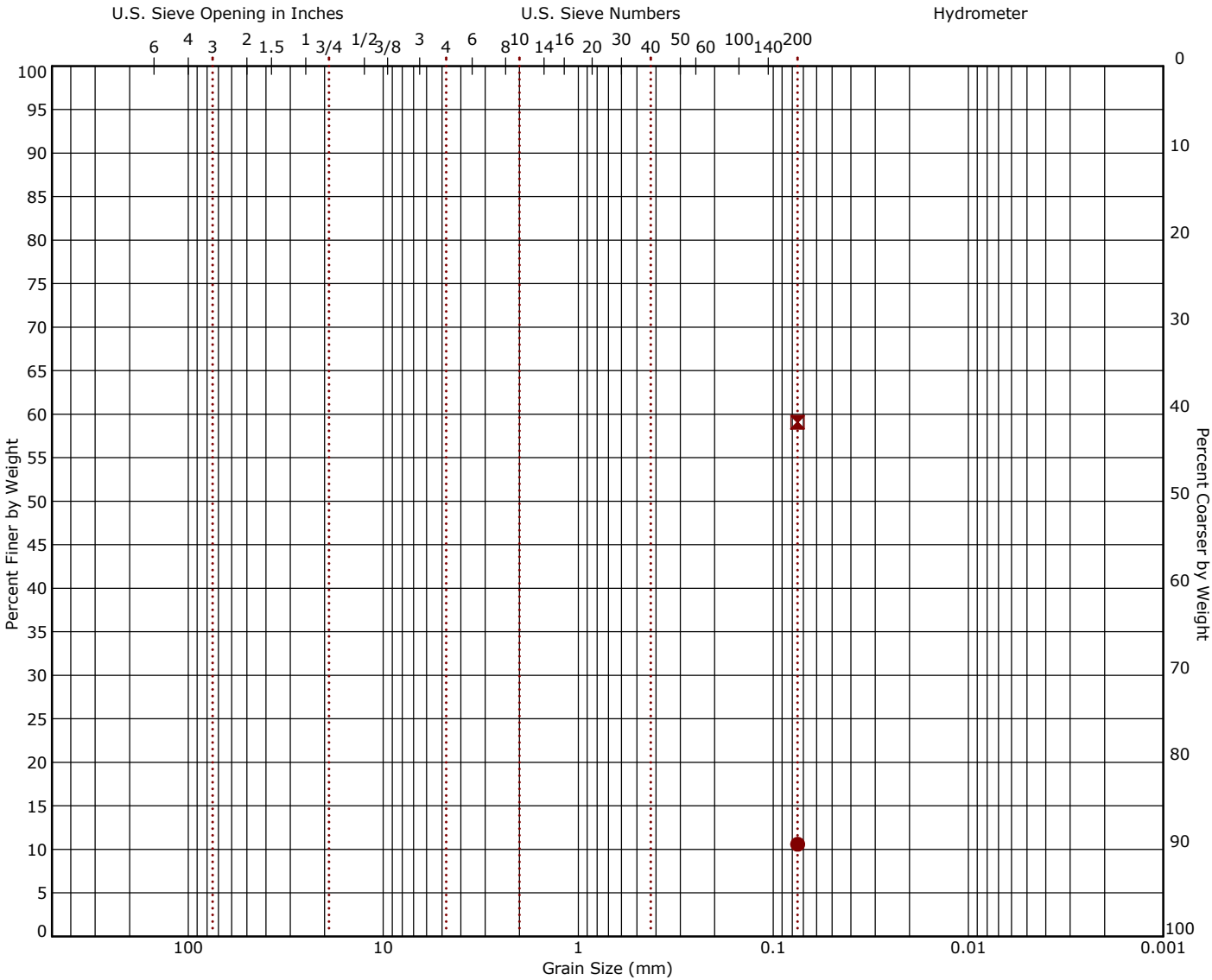


Cobbles		Gravel		Sand			Silt or Clay						
		coarse	fine	coarse	medium	fine							
Boring ID	Depth (Ft)	Description						USCS	LL	PL	PI	Cc	Cu
● 1	4 - 6	SILTY SAND						SM				0.40	10.74
✘ 5	1.5 - 3.5	LEAN CLAY						CL	35	22	13		
▲ 9	4 - 5.5	SILTY SAND						SM				1.82	9.82
★ 15	1.5 - 3	POORLY GRADED SAND with CLAY						SP-SC					
⊗ Boring 7 Bulk	6 - 11.2	LEAN CLAY with SAND						CL	30	18	12		
Boring ID	Depth (Ft)	D <sub>100</sub>	D <sub>60</sub>	D <sub>30</sub>	D <sub>10</sub>	%Cobbles	%Gravel	%Sand	%Fines	%Silt	%Clay		
● 1	4 - 6	19	0.356	0.069	0.033	0.0	4.8	62.9		28.8	3.5		
✘ 5	1.5 - 3.5	0.075							87.0				
▲ 9	4 - 5.5	19	0.469	0.202	0.048	0.0	15.2	65.7		17.8	1.3		
★ 15	1.5 - 3	0.075							6.1				
⊗ Boring 7 Bulk	6 - 11.2	0.075							75.6				



# Grain Size Distribution

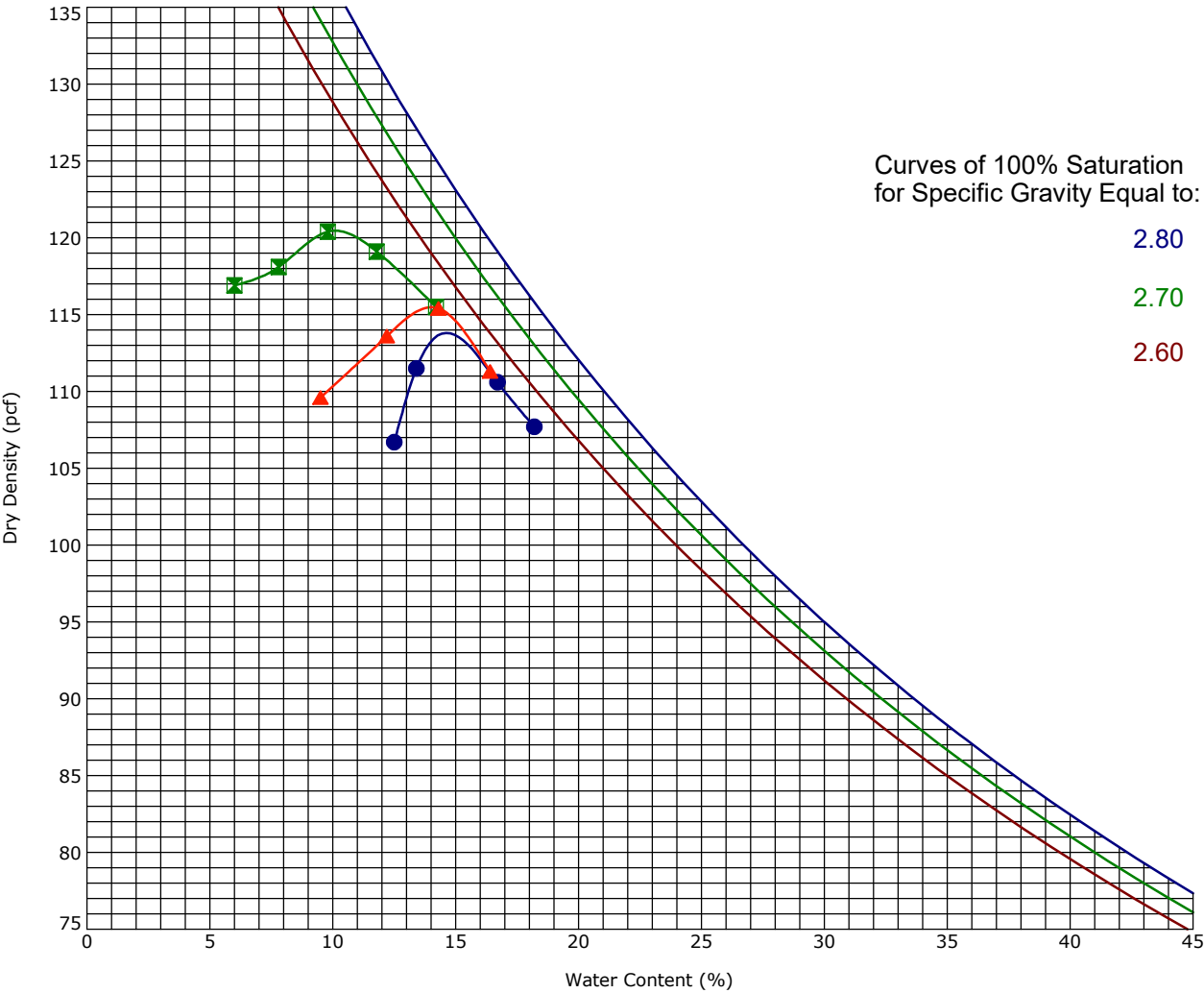
## ASTM D422 / ASTM C136



Cobbles		Gravel		Sand			Silt or Clay						
		coarse	fine	coarse	medium	fine							
Boring ID	Depth (Ft)	Description						USCS	LL	PL	PI	Cc	Cu
Boring 13 Bulk	1 - 5	POORLY GRADED SAND with CLAY						SP-SC	NP	NP	NP		
Boring 14 Bulk	1 - 4	SANDY LEAN CLAY						CL	32	17	15		
Boring ID	Depth (Ft)	D <sub>100</sub>	D <sub>60</sub>	D <sub>30</sub>	D <sub>10</sub>	%Cobbles	%Gravel	%Sand	%Fines	%Silt	%Clay		
Boring 13 Bulk	1 - 5	0.075							10.6				
Boring 14 Bulk	1 - 4	0.075							59.1				



Moisture-Density Relationship  
ASTM D698/D1557



Boring ID	Depth (Ft)	Fines (%)	LL	PL	PI	Description of Materials
Boring 7 Bulk	6 - 11.2	76	30	18	12	LEAN CLAY with SAND (CL)
Boring 13 Bulk	1 - 5	11	NP	NP	NP	POORLY GRADED SAND with CLAY (SP-SC)
Boring 14 Bulk	1 - 4	59	32	17	15	SANDY LEAN CLAY (CL)

Boring ID	Depth (Ft)	Test Method	Max DD (pcf)	Optimum WC (%)
Boring 7 Bulk	6 - 11.2	ASTM D698 Method B	113.8	14.6
Boring 13 Bulk	1 - 5	ASTM D698 Method B	120.5	10.1
Boring 14 Bulk	1 - 4	ASTM D698 Method B	115.5	14.0



California Bearing Ratio Test (CBR)

2640 12th Street SW  
Cedar Rapids, Iowa 52404  
(319) 366-8321

Client Name:City of Dyersville

Project Name:Field of Dreams - Stadium Study

Location:Dyersville, Iowa

Boring NumberB-7

Depth6-11.5

Sample Description:Lean Clay with Sand, dark brown

Project No.:07225161

Date:1/10/2023

Proctor Compaction Data:

Proctor Test Procedure:ASTM D 698

Maximum Dry Density113.2pcf

Optimum Moisture Content14.5%

USCS ClassificationCL

CBR Specimen Compaction Data:

CBR Test Procedure:ASTM D 1883

Initial Moisture Content14.6%

Dry Density Before Soaking107.7pcf

Percent Compaction95.1%

Moisture Content After Compaction14.3%

Dry Density After Soaking104.1pcf

Moisture Content After Soaking24.2%

CBR at 0.100 inches penetration4.0%

CBR at 0.200 inches penetration3.9%

Soaked

Soil Index Properties:

Liquid Limit:30

Plasticity Index:12

Plastic Limit:18

% Passing No. 20076%

Specimen Swell Data:

Surcharge Load10lb

Compaction92.0%

Swell (96 Hours)1.961%





## California Bearing Ratio Test (CBR)

2640 12th Street SW  
Cedar Rapids, Iowa 52404  
(319) 366-8321

Client Name: City of Dyersville  
Project Name: Field of Dreams - Stadium Study  
Location: Dyersville, Iowa  
  
Boring Number: B-13  
Depth: 1-5 ft.  
Sample Description: Poorly Graded Sand with Clay, Dark Brown

Project No.: 07225161 Date: 1/10/2023

### Proctor Compaction Data:

Proctor Test Procedure: ASTM D 698  
Maximum Dry Density: 120.6 pcf  
Optimum Moisture Content: 10.5 %  
USCS Classification: SP-SC

### CBR Specimen Compaction Data:

CBR Test Procedure: ASTM D 1883  
Initial Moisture Content: 10.4 %  
Dry Density Before Soaking: 114.6 pcf  
Percent Compaction: 95.1% %  
Moisture Content After Compaction: 10.4 %  
Dry Density After Soaking: 116.9 pcf  
Moisture Content After Soaking: 10.7 %  
CBR at 0.100 inches penetration: 4.0 %  
CBR at 0.200 inches penetration: 6.5 %

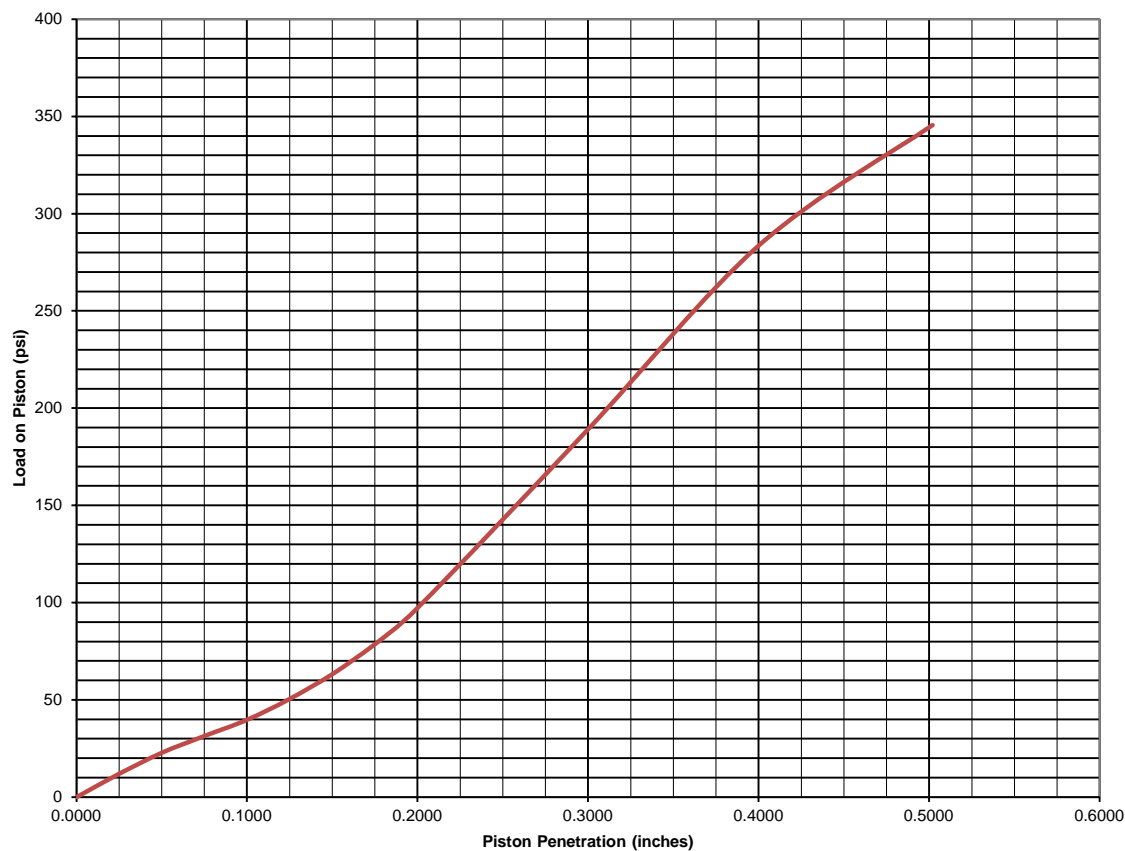
### Soaked

### Soil Index Properties:

Liquid Limit: NP % Passing No. 200 11 %  
Plasticity Index: NP  
Plastic Limit: NP

### Specimen Swell Data:

Surcharge Load: 10 lb  
Compaction: 97.0 %  
Swell (96 Hours): -0.087 %





California Bearing Ratio Test (CBR)

2640 12th Street SW  
Cedar Rapids, Iowa 52404  
(319) 366-8321

Client Name:City of Dyersville

Project Name:Field of Dreams - Stadium Study

Location:Dyersville, Iowa

Boring NumberB-14

Depth1-4 ft.

Sample Description:Sandy Lean Clay trace Gravel, dark gray

Project No.:07225161

Date:1/10/2023

Proctor Compaction Data:

Proctor Test Procedure:ASTM D 698

Maximum Dry Density115.9pcf

Optimum Moisture Content14.0%

USCS ClassificationCL

CBR Specimen Compaction Data:

CBR Test Procedure:ASTM D 1883

Initial Moisture Content13.8%

Dry Density Before Soaking110.0pcf

Percent Compaction95.0%

Moisture Content After Compaction14.1%

Dry Density After Soaking108.3pcf

Moisture Content After Soaking18.9%

CBR at 0.100 inches penetration6.1%

CBR at 0.200 inches penetration5.8%

Soaked

Soil Index Properties:

Liquid Limit:32

Plasticity Index:15

Plastic Limit:17

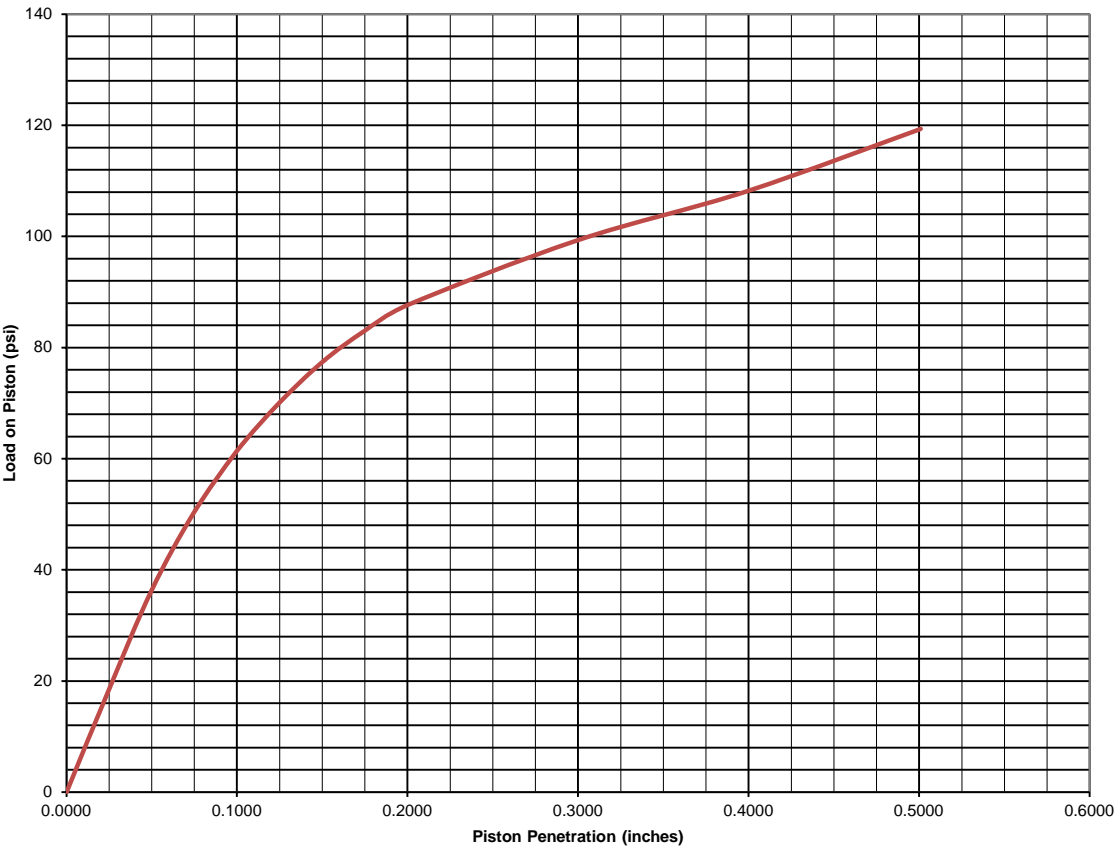
% Passing No. 20059%

Specimen Swell Data:

Surcharge Load10lb

Compaction93.4%

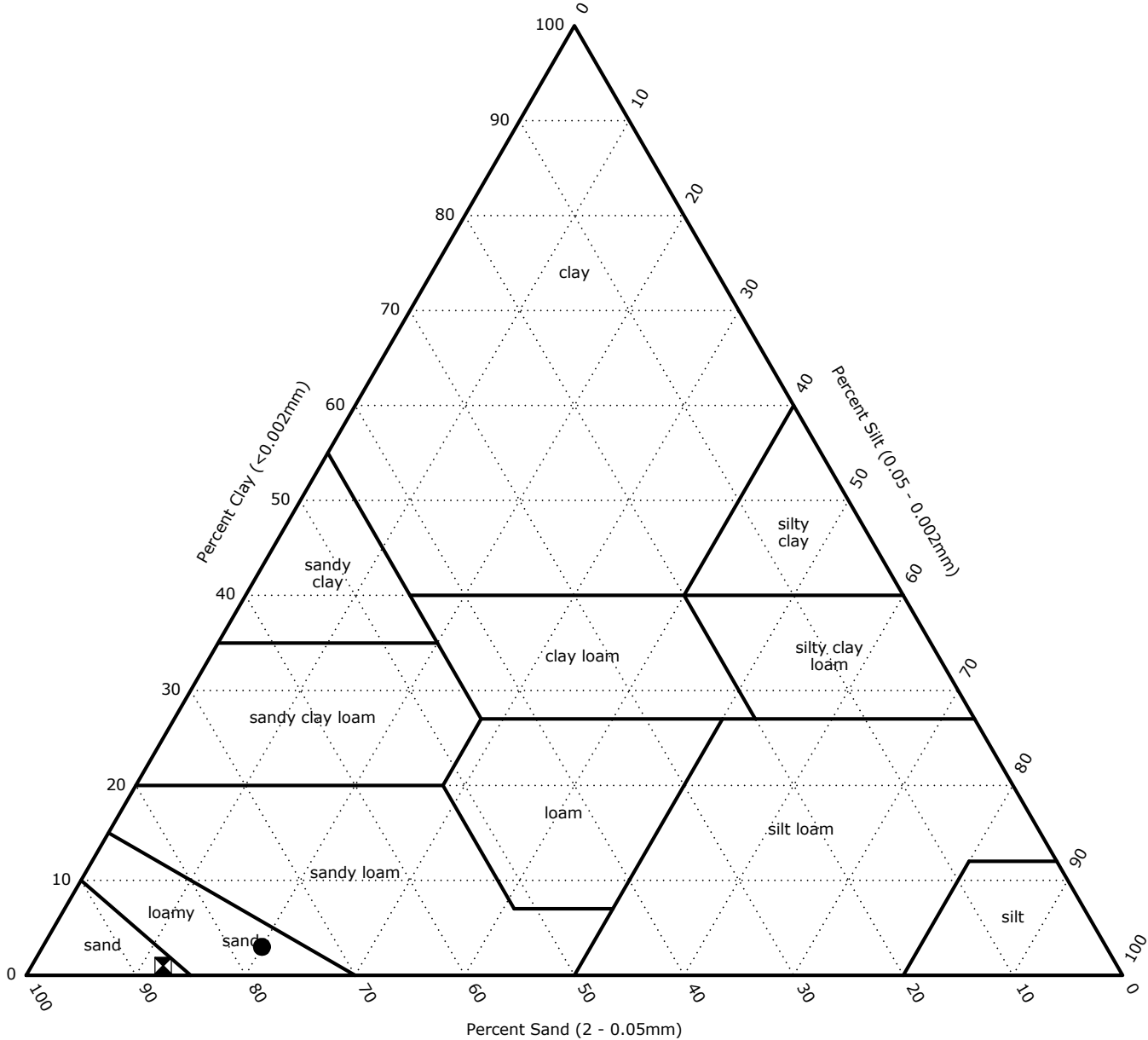
Swell (96 Hours)0.632%





USDA Textural Classification

Fractions normalized to 100% passing  
the 2mm (#10) sieve



	Borehole	Depth (ft)	USDA Classification	Sand (%)	Silt (%)	Clay (%)
●	1	4 - 6	LOAMY SAND	77.3	19.9	2.8
■	9	4 - 5.5	SAND	86.6	12.1	1.2



## Supporting Information

### Contents:

General Notes









Unified Soil Classification System

Description of Rock Properties

Note: All attachments are one page unless noted above.



## General Notes

Sampling	Water Level	Field Tests
 Auger Cuttings  Rock Core  Shelby Tube  Standard Penetration Test	 Water Initially Encountered  Water Level After a Specified Period of Time  Water Level After a Specified Period of Time  Cave In Encountered <p>Water levels indicated on the soil boring logs are the levels measured in the borehole at the times indicated. Groundwater level variations will occur over time. In low permeability soils, accurate determination of groundwater levels is not possible with short term water level observations.</p>	N Standard Penetration Test Resistance (Blows/Ft.) (HP) Hand Penetrometer (T) Torvane (DCP) Dynamic Cone Penetrometer UC Unconfined Compressive Strength (PID) Photo-Ionization Detector (OVA) Organic Vapor Analyzer

### Descriptive Soil Classification

Soil classification as noted on the soil boring logs is based Unified Soil Classification System. Where sufficient laboratory data exist to classify the soils consistent with ASTM D2487 "Classification of Soils for Engineering Purposes" this procedure is used. ASTM D2488 "Description and Identification of Soils (Visual-Manual Procedure)" is also used to classify the soils, particularly where insufficient laboratory data exist to classify the soils in accordance with ASTM D2487. In addition to USCS classification, coarse grained soils are classified on the basis of their in-place relative density, and fine-grained soils are classified on the basis of their consistency. See "Strength Terms" table below for details. The ASTM standards noted above are for reference to methodology in general. In some cases, variations to methods are applied as a result of local practice or professional judgment.

### Location And Elevation Notes

Exploration point locations as shown on the Exploration Plan and as noted on the soil boring logs in the form of Latitude and Longitude are approximate. See Exploration and Testing Procedures in the report for the methods used to locate the exploration points for this project. Surface elevation data annotated with +/- indicates that no actual topographical survey was conducted to confirm the surface elevation. Instead, the surface elevation was approximately determined from topographic maps of the area.

### Strength Terms

Relative Density of Coarse-Grained Soils (More than 50% retained on No. 200 sieve.) Density determined by Standard Penetration Resistance		Consistency of Fine-Grained Soils (50% or more passing the No. 200 sieve.) Consistency determined by laboratory shear strength testing, field visual-manual procedures or standard penetration resistance		Bedrock		
Relative Density	Standard Penetration or N-Value (Blows/Ft.)	Consistency	Unconfined Compressive Strength Qu (psf)	Standard Penetration or N-Value (Blows/Ft.)	Standard Penetration or N-Value (Blows/Ft.)	Consistency
Very Loose	0 - 3	Very Soft	less than 500	0 - 1	< 20	Weathered
Loose	4 - 9	Soft	500 to 1,000	2 - 4	20 - 29	Firm
Medium Dense	10 - 29	Medium Stiff	1,000 to 2,000	4 - 8	30 - 49	Medium Hard
Dense	30 - 50	Stiff	2,000 to 4,000	8 - 15	50 - 79	Hard
Very Dense	> 50	Very Stiff	4,000 to 8,000	15 - 30	> 79	Very Hard
		Hard	> 8,000	> 30		

### Relevance of Exploration and Laboratory Test Results

Exploration/field results and/or laboratory test data contained within this document are intended for application to the project as described in this document. Use of such exploration/field results and/or laboratory test data should not be used independently of this document.



## Unified Soil Classification System

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests <sup>A</sup>				Soil Classification	
				Group Symbol	Group Name <sup>B</sup>
Coarse-Grained Soils: More than 50% retained on No. 200 sieve	Gravels: More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels: Less than 5% fines <sup>C</sup>	Cu≥4 and 1≤Cc≤3 <sup>E</sup>	GW	Well-graded gravel <sup>F</sup>
			Cu<4 and/or [Cc<1 or Cc>3.0] <sup>E</sup>	GP	Poorly graded gravel <sup>F</sup>
		Gravels with Fines: More than 12% fines <sup>C</sup>	Fines classify as ML or MH	GM	Silty gravel <sup>F, G, H</sup>
			Fines classify as CL or CH	GC	Clayey gravel <sup>F, G, H</sup>
	Sands: 50% or more of coarse fraction passes No. 4 sieve	Clean Sands: Less than 5% fines <sup>D</sup>	Cu≥6 and 1≤Cc≤3 <sup>E</sup>	SW	Well-graded sand <sup>I</sup>
			Cu<6 and/or [Cc<1 or Cc>3.0] <sup>E</sup>	SP	Poorly graded sand <sup>I</sup>
		Sands with Fines: More than 12% fines <sup>D</sup>	Fines classify as ML or MH	SM	Silty sand <sup>G, H, I</sup>
			Fines classify as CL or CH	SC	Clayey sand <sup>G, H, I</sup>
Fine-Grained Soils: 50% or more passes the No. 200 sieve	Silts and Clays: Liquid limit less than 50	Inorganic:	PI > 7 and plots above "A" line <sup>J</sup>	CL	Lean clay <sup>K, L, M</sup>
			PI < 4 or plots below "A" line <sup>J</sup>	ML	Silt <sup>K, L, M</sup>
		Organic:	$\frac{LL\text{ oven dried}}{LL\text{ not dried}} < 0.75$	OL	Organic clay <sup>K, L, M, N</sup>
					Organic silt <sup>K, L, M, O</sup>
	Silts and Clays: Liquid limit 50 or more	Inorganic:	PI plots on or above "A" line	CH	Fat clay <sup>K, L, M</sup>
			PI plots below "A" line	MH	Elastic silt <sup>K, L, M</sup>
		Organic:	$\frac{LL\text{ oven dried}}{LL\text{ not dried}} < 0.75$	OH	Organic clay <sup>K, L, M, P</sup>
					Organic silt <sup>K, L, M, Q</sup>
Highly organic soils:	Primarily organic matter, dark in color, and organic odor			PT	Peat

<sup>A</sup> Based on the material passing the 3-inch (75-mm) sieve.

<sup>B</sup> If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

<sup>C</sup> Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

<sup>D</sup> Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay.

$$E \quad Cu = D_{60}/D_{10} \quad Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$$

<sup>F</sup> If soil contains  $\geq 15\%$  sand, add "with sand" to group name.

<sup>G</sup> If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

<sup>H</sup> If fines are organic, add "with organic fines" to group name.

<sup>I</sup> If soil contains  $\geq 15\%$  gravel, add "with gravel" to group name.

<sup>J</sup> If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

<sup>K</sup> If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

<sup>L</sup> If soil contains  $\geq 30\%$  plus No. 200 predominantly sand, add "sandy" to group name.

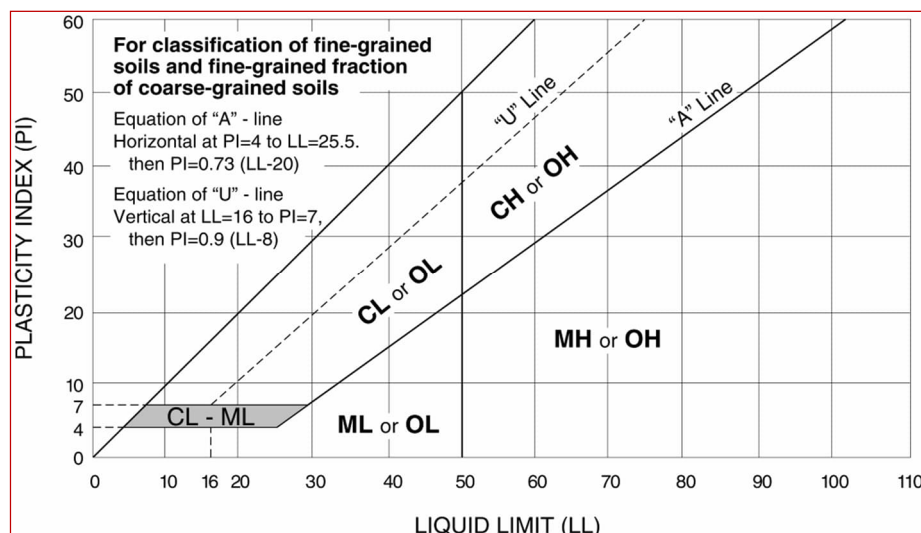
<sup>M</sup> If soil contains  $\geq 30\%$  plus No. 200, predominantly gravel, add "gravelly" to group name.

<sup>N</sup>  $PI \geq 4$  and plots on or above "A" line.

<sup>O</sup>  $PI < 4$  or plots below "A" line.

<sup>P</sup> PI plots on or above "A" line.

<sup>Q</sup> PI plots below "A" line.





## Rock Classification Notes

WEATHERING			
Term	Description		
Fresh	Mineral crystals appear bright; show no discoloration. Features show little or now staining on surfaces. Discoloration does not extend into intact rock.		
Slightly weathered	Rock generally fresh except along fractures. Some fractures stained and discoloration may extend <0.5 inches into rock.		
Moderately weathered	Significant portions of rock are dull and discolored. Rock may be significantly weaker than in fresh state near fractures. Soil zones of limited extent may occur along some fractures.		
Highly weathered	Rock dull and discolored throughout. Majority of rock mass is significantly weaker and has decomposed and/or disintegrated; isolated zones of stronger rock and/or soil may occur throughout.		
Completely weathered	All rock material is decomposed and/or disintegrated to soil. The rock mass or fabric is still evident and largely intact. Isolated zones of stronger rock may occur locally.		
STRENGTH OR HARDNESS			
Description	Field Identification	Uniaxial Compressive Strength, psi	
Extremely strong	Can only be chipped with geological hammer. Rock rings on hammer blows. Cannot be scratched with a sharp pick. Hand specimens require several hard hammer blows to break.	>36,000	
Very strong	Several blows of a geological hammer to fracture. Cannot be scratched with a 20d common steel nail. Can be scratched with a geologist's pick only with difficulty.	15,000-36,000	
Strong	More than one blow of a geological hammer needed to fracture. Can be scratched with a 20d nail or geologist's pick. Gouges or grooves to ¼ inch deep can be excavated by a hard blow of a geologist's pick. Hand specimens can be detached by a moderate blow.	7,500-15,000	
Medium strong	One blow of geological hammer needed to fracture. Can be distinctly scratched with 20d nail. Can be grooved or gouged 1/16 in. deep by firm pressure with a geologist's pick point. Can be fractured with single firm blow of geological hammer. Can be excavated in small chips (about 1-in. maximum size) by hard blows of the point of a geologist's pick;	3,500-7,500	
Weak	Shallow indent by firm blow with geological hammer point. Can be gouged or grooved readily with geologist's pick point. Can be excavated in pieces several inches in size by moderate blows of a pick point. Small thin pieces can be broken by finger pressure.	700-3,500	
Very weak	Crumbles under firm blow with geological hammer point. Can be excavated readily with the point of a geologist's pick. Pieces 1-in. or more in thickness can be broken with finger pressure. Can be scratched readily by fingernail.	150-700	
DISCONTINUITY DESCRIPTION			
Fracture Spacing (Joints, Faults, Other Fractures)		Bedding Spacing (May Include Foliation or Banding)	
Description	Spacing	Description	Spacing
Intensely fractured	< 2.5 inches	Laminated	< ½-inch
Highly fractured	2.5 – 8 inches	Very thin	½ – 2 inches
Moderately fractured	8 inches to 2 feet	Thin	2 inches – 1 foot
Slightly fractured	2 to 6.5 feet	Medium	1 – 3 feet
Very slightly fractured	> 6.5 feet	Thick	3 – 10 feet
		Massive	> 10 feet
ROCK QUALITY DESIGNATION (RQD) <sup>1</sup>			
Description		RQD Value (%)	
Very Poor		0 - 25	
Poor		25 – 50	
Fair		50 – 75	
Good		75 – 90	
Excellent		90 - 100	

1. The combined length of all sound and intact core segments equal to or greater than 4 inches in length, expressed as a percentage of the total core run length.



BID PACKAGE 01

BP01 - BID PACKAGE 01

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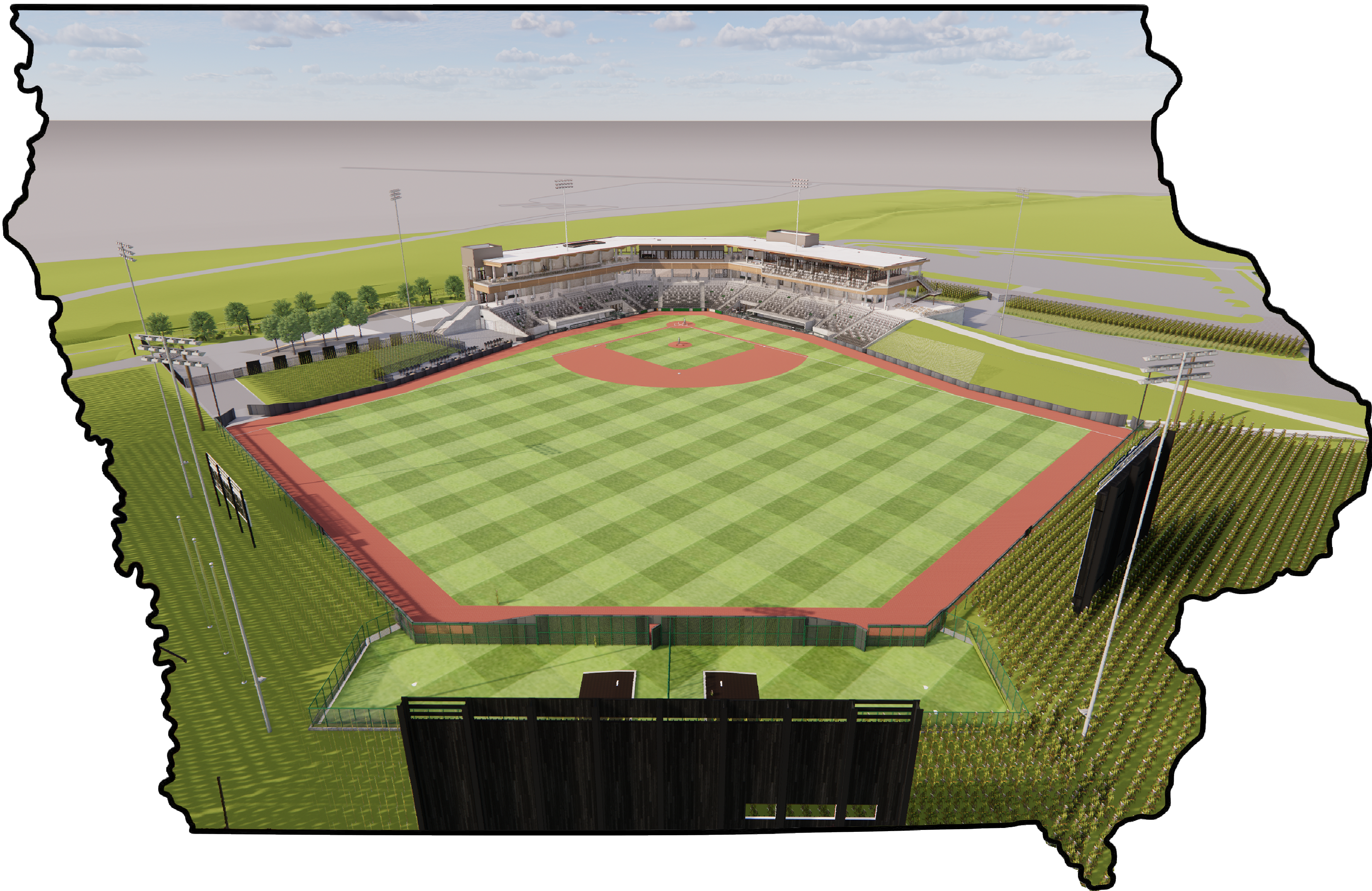
PROJECT NUMBER: **R3005.252.04**

DATE: **2023-09-27**

PROJECT TEAM: CIVIL ENGINEER - Origin Design Co., 137 Main Street Ste. 100, Dubuque, IA 52001

ARCHITECT - RDG Planning & Design, 301 Grand Avenue, Des Moines, IA 50309

CONSTRUCTION MANAGER - Miron Construction, 335 French Court SW, Cedar Rapids, IA 52404



CIVIL

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. My license expiration date is: 12/31/2023

Cody T. Austin

License #P19027

Date

Pages or Sheets covered by this seal:

As listed in the Volume 1 Drawing Index under CIVIL

A circular professional engineer seal for Cody T. Austin, License #P19027, State of Iowa. The seal includes the text 'LICENSED PROFESSIONAL ENGINEER', 'CODY T. AUSTIN', '19027', and 'IOWA'.

ARCHITECT

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the State of Iowa.

Jack Douglas Patton

License # 14263

Date Issued

Signature of Jack Douglas Patton

License Expiration Date

Pages or Sheets covered by this seal:

As listed in the Volume 1 Drawing Index under LIFE SAFETY and ARCHITECTURE

A circular professional architect seal for Jack Douglas Patton, License # 14263, State of Iowa. The seal includes the text 'LICENSED PROFESSIONAL ARCHITECT', 'JACK D. PATTON', '03193', and 'IOWA'.





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FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

28995 LANSING ROAD

DYERSVILLE, IA 52040

BID PACKAGE 01

BP01 - BID PACKAGE 01

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PROJECT NUMBER: R3005.252.04

DATE: 2023-09-27

DRAWING INDEX: VOLUME 1 OF 2

GENERAL		
NUMBER	NAME	
G01.00.BP01	COVER - BID PACKAGE 01	
G01.01.BP01	VOLUME 1 DRAWING INDEX - BID PACKAGE 01	

CIVIL	
NUMBER	NAME
C00.01	ABBREVIATIONS AND LEGENDS
C01.01	EXISTING CONDITIONS
C01.02	DEMOLITION PLAN
C02.01	EROSION CONTROL NOTES
C02.02	EROSION CONTROL DETAILS
C02.10	EROSION CONTROL PLAN
C02.20	OVERALL GRADING PLAN
C02.21	GRADING TYPICAL SECTIONS
C02.22	GRADING TYPICAL SECTIONS
C02.23	GRADING PLAN
C02.24	GRADING PLAN
C02.25	GRADING PLAN
C07.01	STORM DETAILS
C07.02	STORM DETAILS
C07.03	STORM DETAILS
C07.10	OVERALL STORM PLAN
C07.11	STORM PLAN AND PROFILE
C07.12	STORM PLAN AND PROFILE
C07.13	STORM PLAN AND PROFILE
C07.14	STORM PLAN AND PROFILE
C07.15	STORM PLAN AND PROFILE
C07.16	STORM PLAN AND PROFILE
C07.17	STORM PLAN AND PROFILE
C07.18	STORM PLAN AND PROFILE
C07.19	STORM PLAN AND PROFILE
C07.20	DETENTION POND DETAIL



**STRUCTURAL**  
Wayne P. Moore and Assoc., Inc.  
201 East Kennedy Boulevard Suite 700  
Tampa, FL 33602  
Phone: 813-221-1424

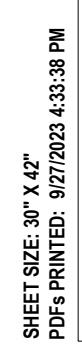
**CMaR**  
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Cedar Rapids, IA 52404  
Phone: 319-298-5200

**FPPMET**  
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8345 Lenexa Drive, Suite 300  
Lenexa, KS 66214  
Phone: 913-742-5000









**DEMOLITION PLAN LEGEND**

- X- X- X- UTILITY REMOVAL

X MISC REMOVAL

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28995 LANISING RD  
DYERSVILLE IA 52040

KEY PLAN

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**DEMOLITION PLAN**

C01.02

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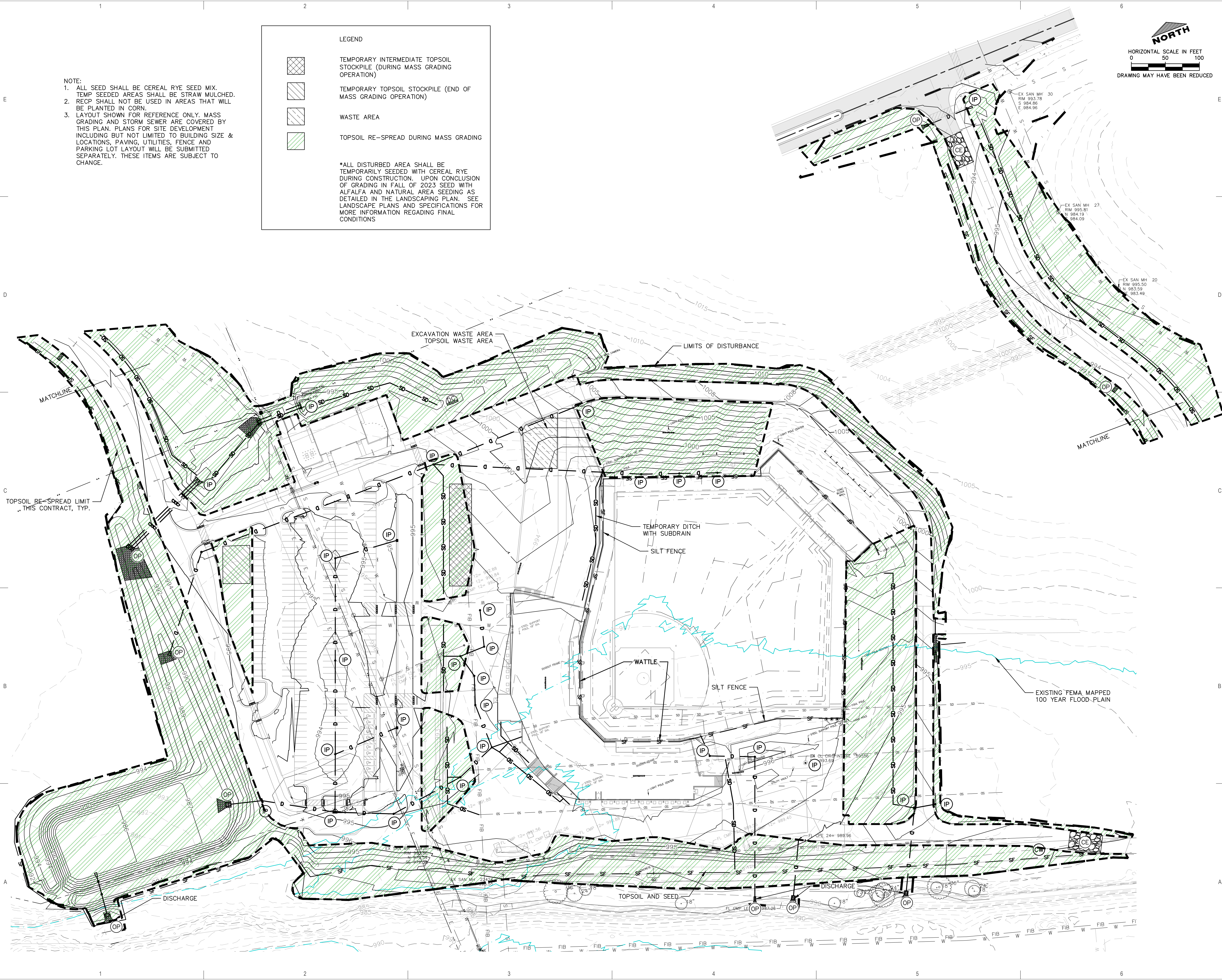








SHEET 002 OF 37  
PDS PRINTED: 03/2023 12:45:17 AM



NOTE:  
1. ALL SEED SHALL BE CEREAL RYE SEED MIX.  
2. TEMP SEEDED AREAS SHALL BE STRAW MULCHED.  
3. RECP SHALL NOT BE USED IN AREAS THAT WILL BE PLANTED IN CORN.  
4. LAYOUT SHOWN FOR REFERENCE ONLY. MASS GRADING AND STORM SEWER ARE COVERED BY THIS PLAN. PLANS FOR SITE DEVELOPMENT INCLUDING BUT NOT LIMITED TO BUILDING SIZE & LOCATIONS, PAVING, UTILITIES, FENCE AND PARKING LOT LAYOUT WILL BE SUBMITTED SEPARATELY. THESE ITEMS ARE SUBJECT TO CHANGE.

LEGEND

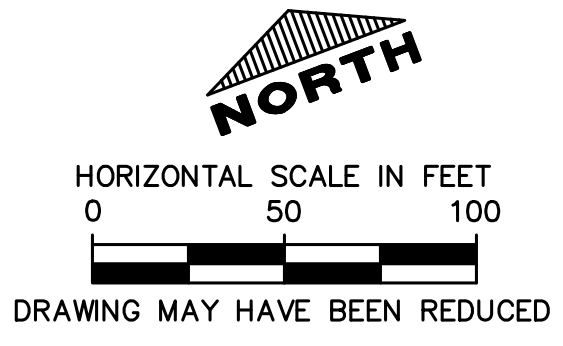
TEMPORARY INTERMEDIATE TOPSOIL STOCKPILE (DURING MASS GRADING OPERATION)

TEMPORARY TOPSOIL STOCKPILE (END OF MASS GRADING OPERATION)

WASTE AREA

TOPSOIL RE-SPREAD DURING MASS GRADING

\*ALL DISTURBED AREA SHALL BE TEMPORARILY SEEDED WITH CEREAL RYE DURING CONSTRUCTION. UPON CONCLUSION OF GRADING IN FALL OF 2023 SEED WITH ALFALFA AND NATURAL AREA SEEDING AS DETAILED IN THE LANDSCAPING PLAN. SEE LANDSCAPE PLANS AND SPECIFICATIONS FOR MORE INFORMATION REGARDING FINAL CONDITIONS



**FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK**

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KEY PLAN

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**AV / BROADCAST**  
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**LIGHTING**  
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Dyersville, Iowa 52009  
Phone: 515-285-1441

**FOOD & BEVERAGE**  
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**ACOUSTICAL**  
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**PP/MEET**  
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Phone: 515-242-0000

**CMAR**  
Metro Construction Co., Inc.  
2555 Peach Court SW  
Dyersville, Iowa 52009  
Phone: 319-598-6200

DATE: 03/2023  
PROJECT NO: R3005.2202.04

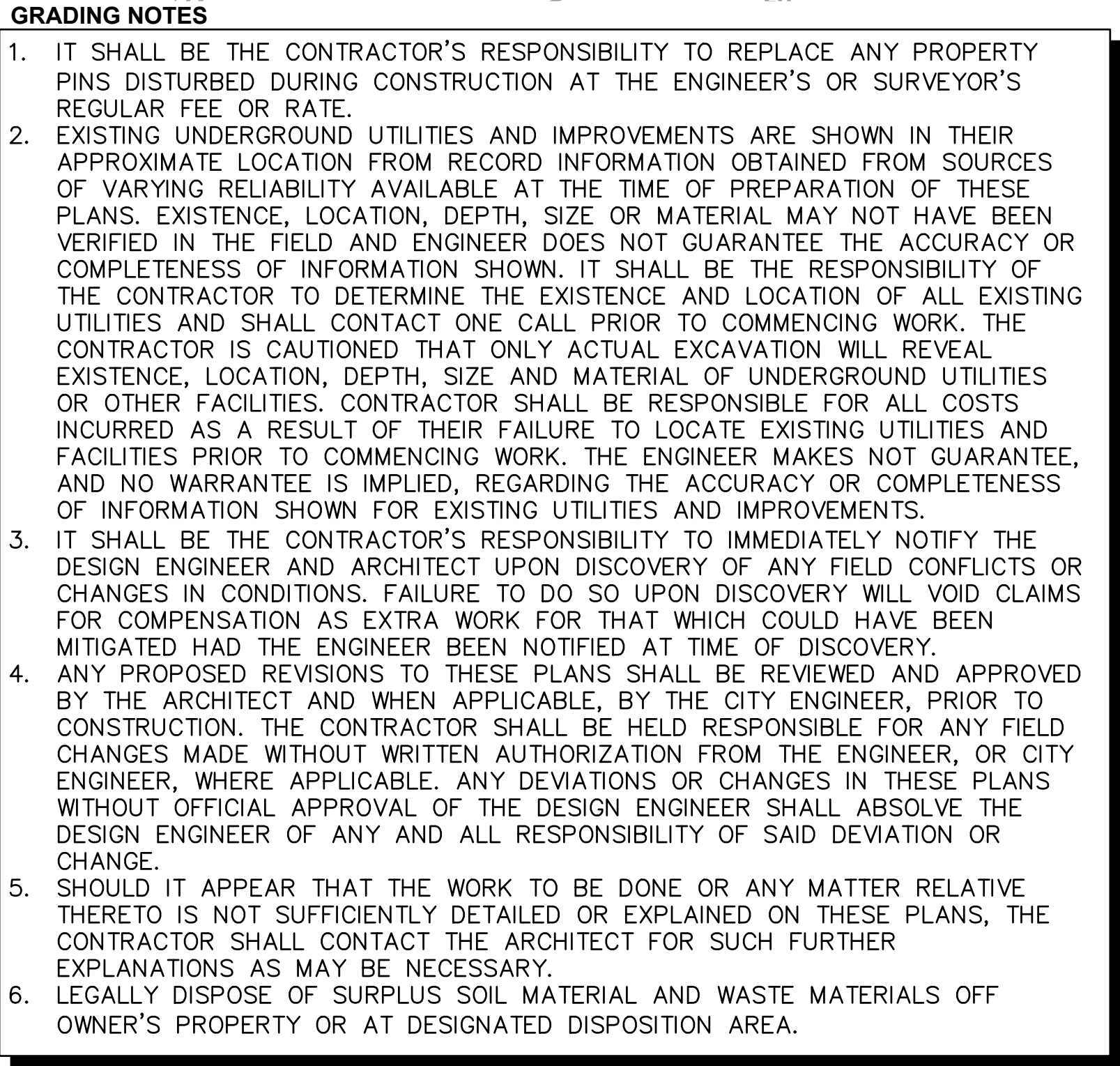
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EROSION CONTROL PLAN

C02.10

346





  
HORIZONTAL SCALE IN FEET  
0 60 120  
DRAWING MAY HAVE BEEN REDUCED

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## STRUCTURAL

**IRRIGATION**  
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CAPE ARC

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ARCHITECT  
REG. PLANNING & I

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## BALL

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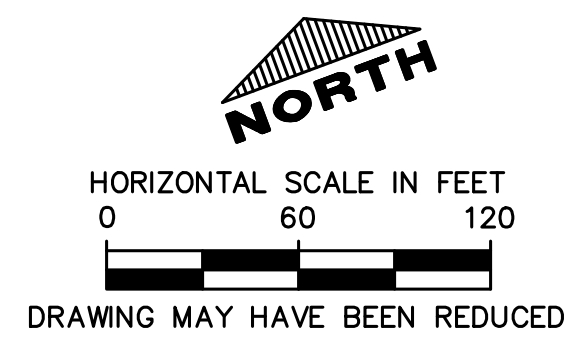
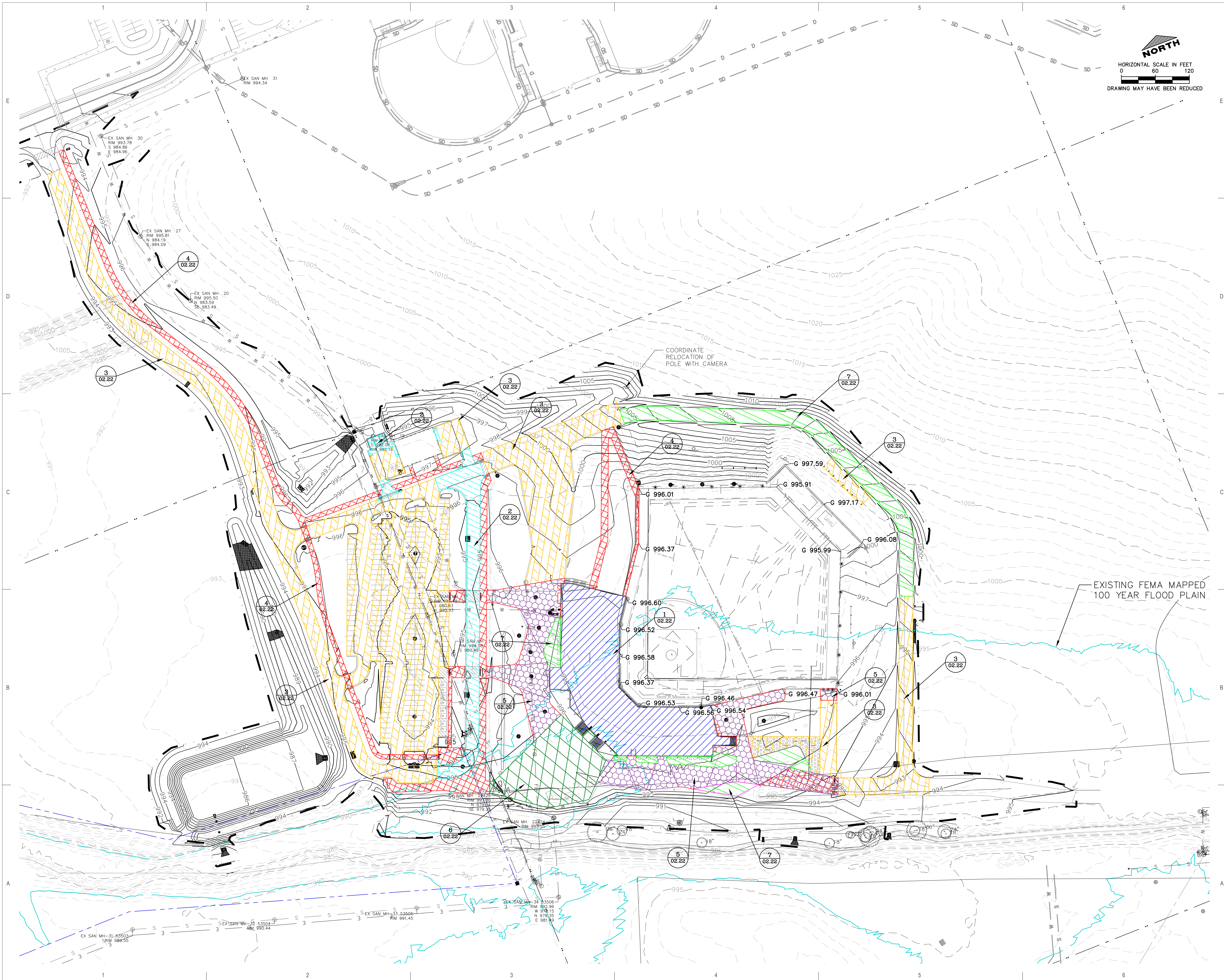
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DYERSVILLE, IA 52040

ARCHITECT		LANDSCAPE ARCH		CIVIL		IRRIGATION		STRUCTURAL		FPP/NET	
RDG Planning & Design RDG Planning & Design 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		RDG Planning & Design RDG Planning & Design 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		RDG Planning & Design RDG Planning & Design 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		RDG Planning & Design RDG Planning & Design 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		White P. Adams and Assoc., Inc. 201 East Kennedy Boulevard, Suite 100 Dyersville, Iowa 52009 Phone: 515-286-5141		Henderson Engineers, Inc. Henderson Engineers, Inc. 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141	
LIGHTING		AV / BROADCAST		FOOD & BEVERAGE		ACOUSTICAL		CMAR			
RDG Planning & Design RDG Planning & Design 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		Henderson Engineers, Inc. Henderson Engineers, Inc. 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		RDG Planning & Design RDG Planning & Design 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		Henderson Engineers, Inc. Henderson Engineers, Inc. 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141		Micro Construction Co., Inc. 201 Main Street, Ste. 100 Dyersville, Iowa 52009 Phone: 515-286-5141			

GRADING  
TYPICAL  
SECTIONS

C02.21





SUBBASE STONE: MODIFIED MACADAM IOWA DOT SECTION 4122.02  
MACADAM STONE BASE MATERIAL, GRADATION 13 WITH CHOKE STONE  
MATERIAL RETAINED ON A  $\frac{3}{4}$ " SIEVE INCLUDED WITH NO MORE THAN  
10% PASSING A #200 SIEVE.



# FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

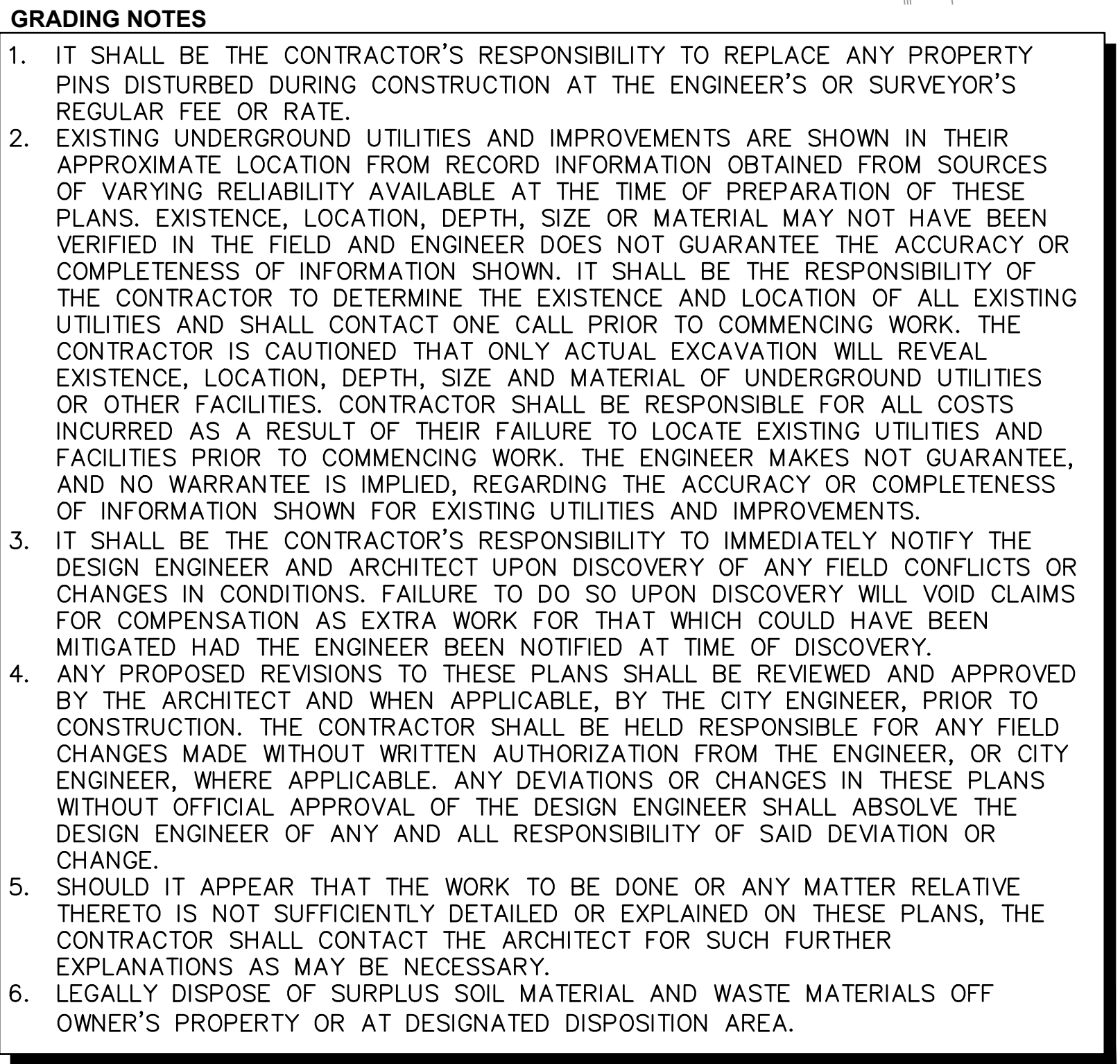
**THIS IS IOWA BAL**  
**CITY OF DYERSV**  
28995 LANSING RD  
DYERSVILLE, IA 52040

BPD1	BID PACKAGE 01	2023-09-
ISSUANCE		DAY
PROJECT NO:		R3005.252

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C02.22





**NORTH**

HORIZONTAL SCALE IN FEET

0 30 60

DRAWING MAY HAVE BEEN REDUCED

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PROFESSIONAL BALLPARK  
THIS IS IOWA BALLPARK, INC.  
CITY OF DYERSVILLE

28995 LANSING RD  
DYERSVILLE, IA 52040

BPO1	BID PACKAGE 01	2023-09-2
ISSUANCE		DATE
PROJECT NO:		R3005.252.0

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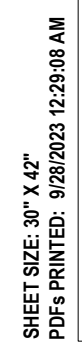
## GRADING PLAN

C02.23

\_\_\_\_\_

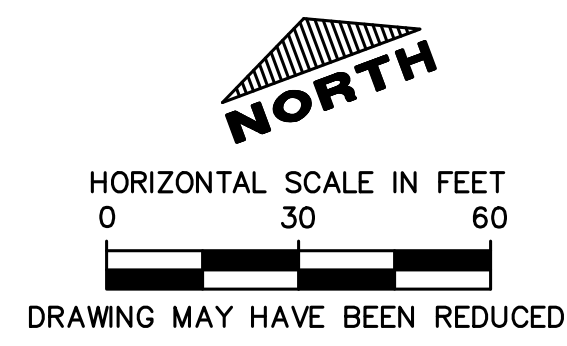
<b>ARCHITECT</b> BCH Associates, Inc. 1500 West 12th Street Suite 200 Anchorage, Alaska 99501 Phone: 282-3145	<b>LANDSCAPE ARCH.</b> Landscape Co. 1714 Main Street, Ste. 100 Anchorage, Alaska 99501 Phone: 552-0644	<b>CIVIL</b> Civ. Engrs. & Architects 1000 W. 12th Street Anchorage, Alaska 99501 Phone: 552-0644	<b>FOOD &amp; BEVERAGE</b> Catering 3011 South Central Drive Anchorage, Alaska 99508 Phone: 552-0644	<b>AV / BROADCAST</b> Lemars, Inc. 5245 Lemars Drive, Suite 200 Anchorage, Alaska 99508 Phone: 552-0644	<b>ACoustical</b> Acoustical Services, Inc. 245 Leaning Tower Drive Anchorage, Alaska 99508 Phone: 552-0644	<b>IRRIGATION</b> Irrigation Systems, Inc. 1131 South Elmwood Street Anchorage, Alaska 99508 Phone: 552-0644	<b>STRUCTURAL</b> Structural Steel Erection, Inc. 201 East Northern Boulevard, Suite 100 Anchorage, Alaska 99508 Phone: 552-0644	<b>FPHHET</b> FPHHET 8484 Lemars Drive, Suite 200 Anchorage, Alaska 99508 Phone: 552-0644
--	---	---	--	---	---	--	--	---





1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE ANY PROPERTY PINS DISTURBED DURING CONSTRUCTION AT THE ENGINEER'S OR SURVEYOR'S REGULAR FEE OR RATE.
2. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATION FROM RECORD INFORMATION OBTAINED FROM SOURCES OF VARYING RELIABILITY AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. EXISTENCE, LOCATION, DEPTH, SIZE OR MATERIAL MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND ENGINEER DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF ALL EXISTING UTILITIES AND SHALL CONTACT ONE CALL PRIOR TO COMMENCING WORK. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL EXISTENCE, LOCATION, DEPTH, SIZE AND MATERIAL OF UNDERGROUND UTILITIES OR OTHER FACILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED AS A RESULT OF THEIR FAILURE TO LOCATE EXISTING UTILITIES AND FACILITIES PRIOR TO COMMENCING WORK. THE ENGINEER MAKES NO GUARANTEE, AND NO WARRANTIES IS IMPLIED, REGARDING THE ACCURACY OR COMPLETENESS OF INFORMATION SHOWN FOR EXISTING UTILITIES AND IMPROVEMENTS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCOVERY OF ANY FIELD CONFLICTS OR CHANGES IN CONDITIONS. FAILURE TO DO SO UPON DISCOVERY WILL VOID CLAIMS FOR COMPENSATION AS EXTRA WORK FOR THAT WHICH COULD HAVE BEEN MITIGATED HAD THE ENGINEER BEEN NOTIFIED AT TIME OF DISCOVERY.
4. ANY PROPOSED REVISIONS TO THESE PLANS SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT AND WHEN APPLICABLE, BY THE CITY ENGINEER, PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER, OR CITY ENGINEER, WHERE APPLICABLE. ANY DEVIATIONS OR CHANGES IN THESE PLANS WITHOUT OFFICIAL APPROVAL OF THE DESIGN ENGINEER SHALL ABSOLVE THE DESIGN ENGINEER OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION OR CHANGE.
5. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
6. LEGALLY DISPOSE OF SURPLUS SOIL MATERIAL AND WASTE MATERIALS OFF OWNER'S PROPERTY OR AT DESIGNATED DISPOSITION AREA.

FUTURE SITE  
IMPROVEMENTS  
ARE SHOWN FOR  
REFERENCE ONLY



# FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

28995 LANSING RD  
DYERSVILLE, IA 52040


BP01	BID PACKAGE 01	2023-09-2
ISSUANCE		DATE
PROJECT NO.		R3005.252.0

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## GRADING PLAN

C02.24

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201 East Kennedy Boulevard, Suite 700  
Tampa, FL 33602  
Phone: 813-221-2424

**CMAA**  
Mirco Construction Co., Inc.  
335 French Court SW  
Cedar Rapids, IA 52404  
Phone: 319-298-8200

**IRRIGATION**  
FRS Design Group  
167 South Lexington Street  
Spring Green, WI 53588  
Phone: 608-588-7868

**ACOUSTICAL**  
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Lenexa, KS 66214  
Phone: 913-742-5000

**H CIVIL**  
Origin Design Co.  
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Dubuque, IA 52001  
Phone: 563-556-2464

**FOOD & BEVERAGE**  
Rapids Foodservice  
6201 South Gateway Drive  
Marion, IA 52302  
Phone: 319-447-3515

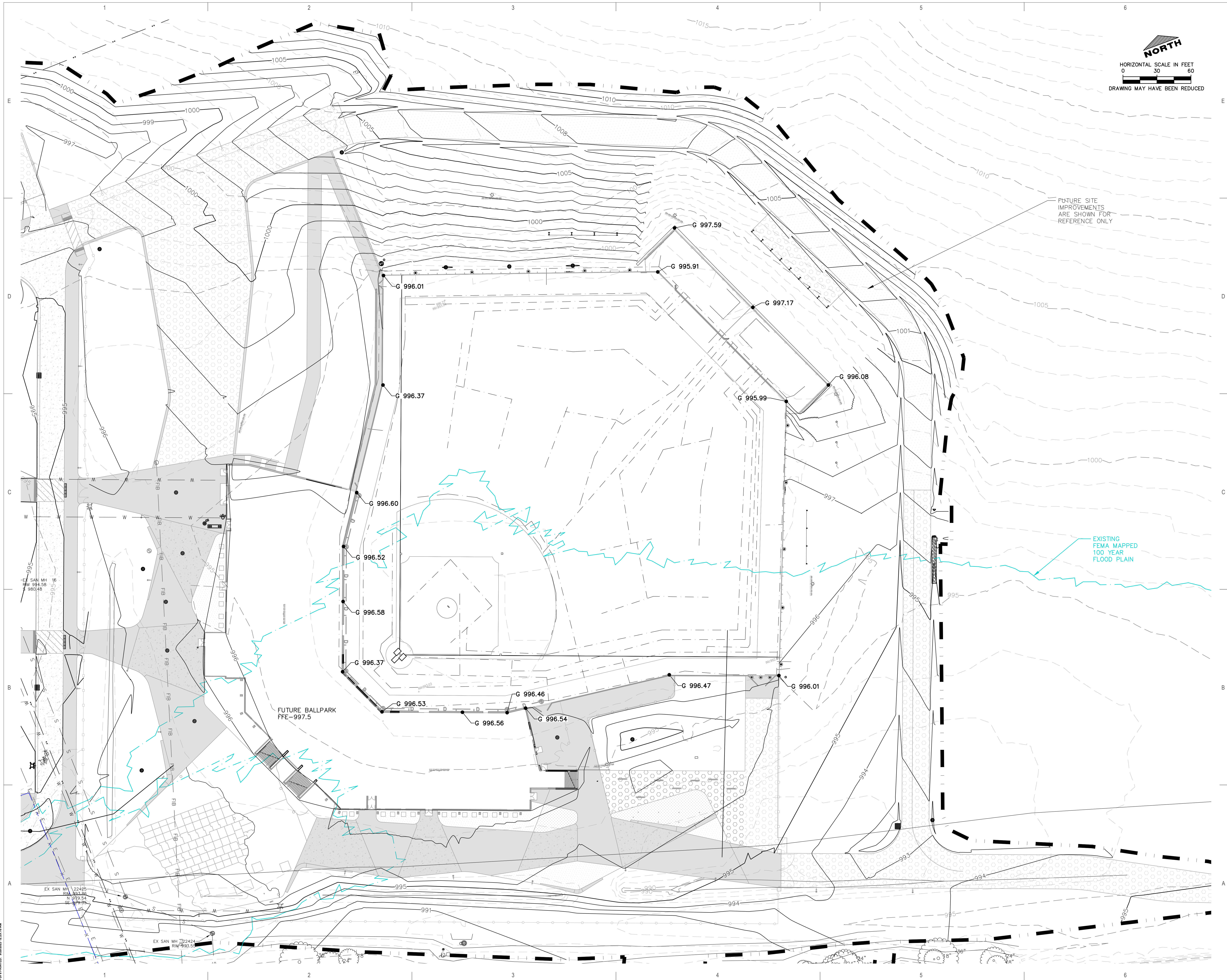
**LANDSCAPE ARCHITECTS**  
RDG Planning & Design  
301 Grand Avenue  
Des Moines, Iowa 50309  
Phone: 515-288-3141

**AV / BROADCAST**  
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**ARCHITECT**  
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Des Moines, Iowa 50309  
Phone: 515-288-3141

**LIGHTING**  
RDG Planning & Design  
331 Grand Avenue  
Des Moines, Iowa 50309  
Phone: 515-288-3141



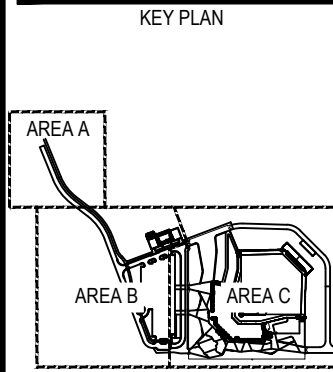


FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

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ISSUANCE	DATE
PROJECT NO.	DATE
PROJECT NO.	DATE

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GRADING  
PLAN

C02.25

STRUCTURAL  
White P. Adams and Assoc., Inc.  
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Dyersville, Iowa 52008  
Phone: 815-221-2424

IRIGATION  
FES Design Group  
197 South University Street  
Dyersville, Iowa 52008  
Phone: 815-221-2424

ACCOUSTICAL  
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844 Leavenworth, Suite 300  
Dyersville, Iowa 52008  
Phone: 815-242-5000

FOOD & BEVERAGE  
Ragland Foodservice  
6201 South University Drive  
Dyersville, Iowa 52008  
Phone: 815-242-5000

AV / BROADCAST  
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844 Leavenworth, Suite 300  
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Phone: 815-242-5000

LANDSCAPE ARCH  
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RDG Planning & Design  
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Dyersville, Iowa 52008  
Phone: 815-221-2424

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Cody Design Co.  
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Dyersville, Iowa 52008  
Phone: 815-221-2424

ARCHITECT  
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201 East Kennedy Boulevard, Suite 100  
Dyersville, Iowa 52008  
Phone: 815-221-2424

LIGHTING  
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Heardman Engineers, Inc.  
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Phone: 815-242-5000

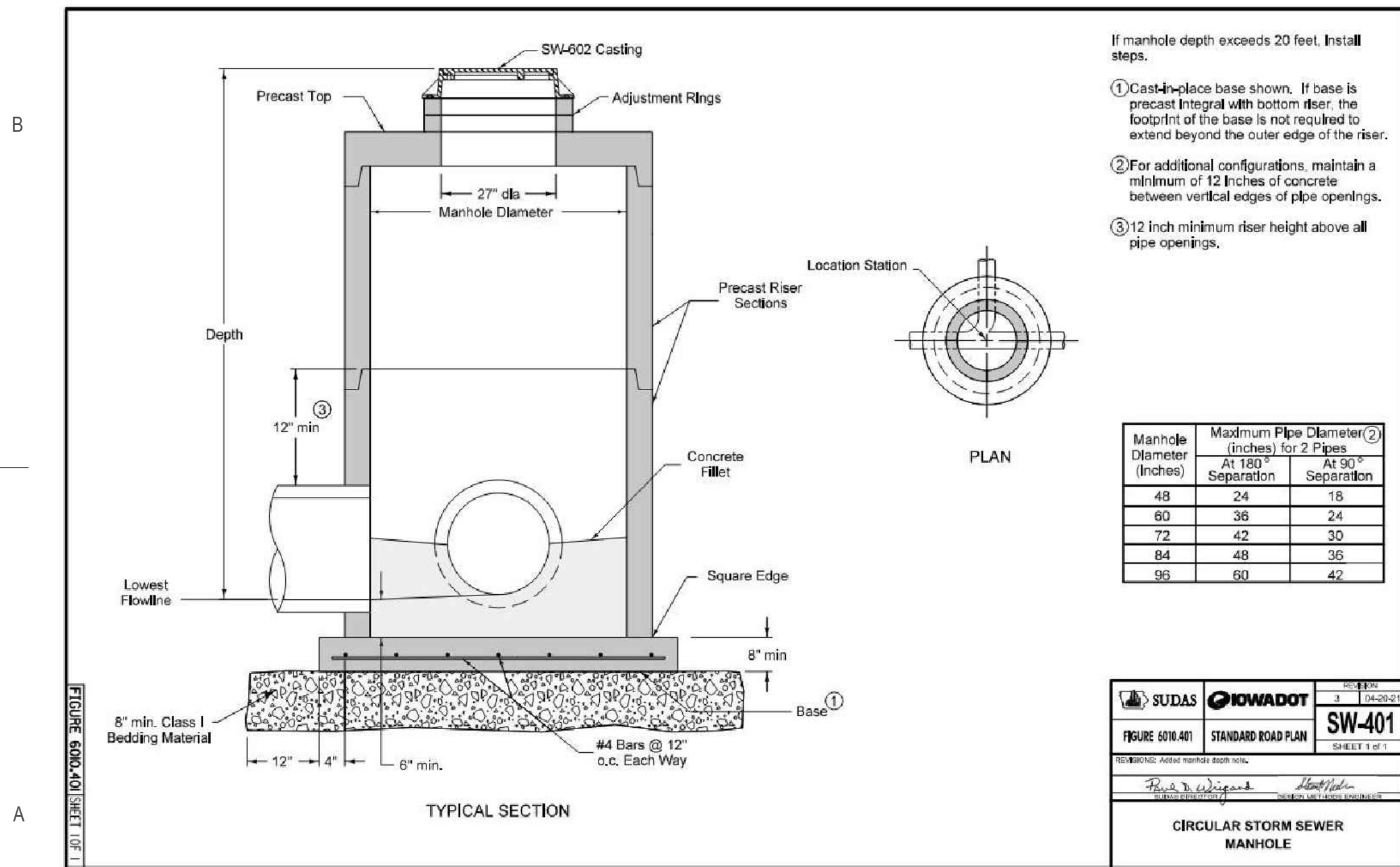
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White P. Adams and Assoc., Inc.  
201 East Kennedy Boulevard, Suite 100  
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Phone: 815-221-2424

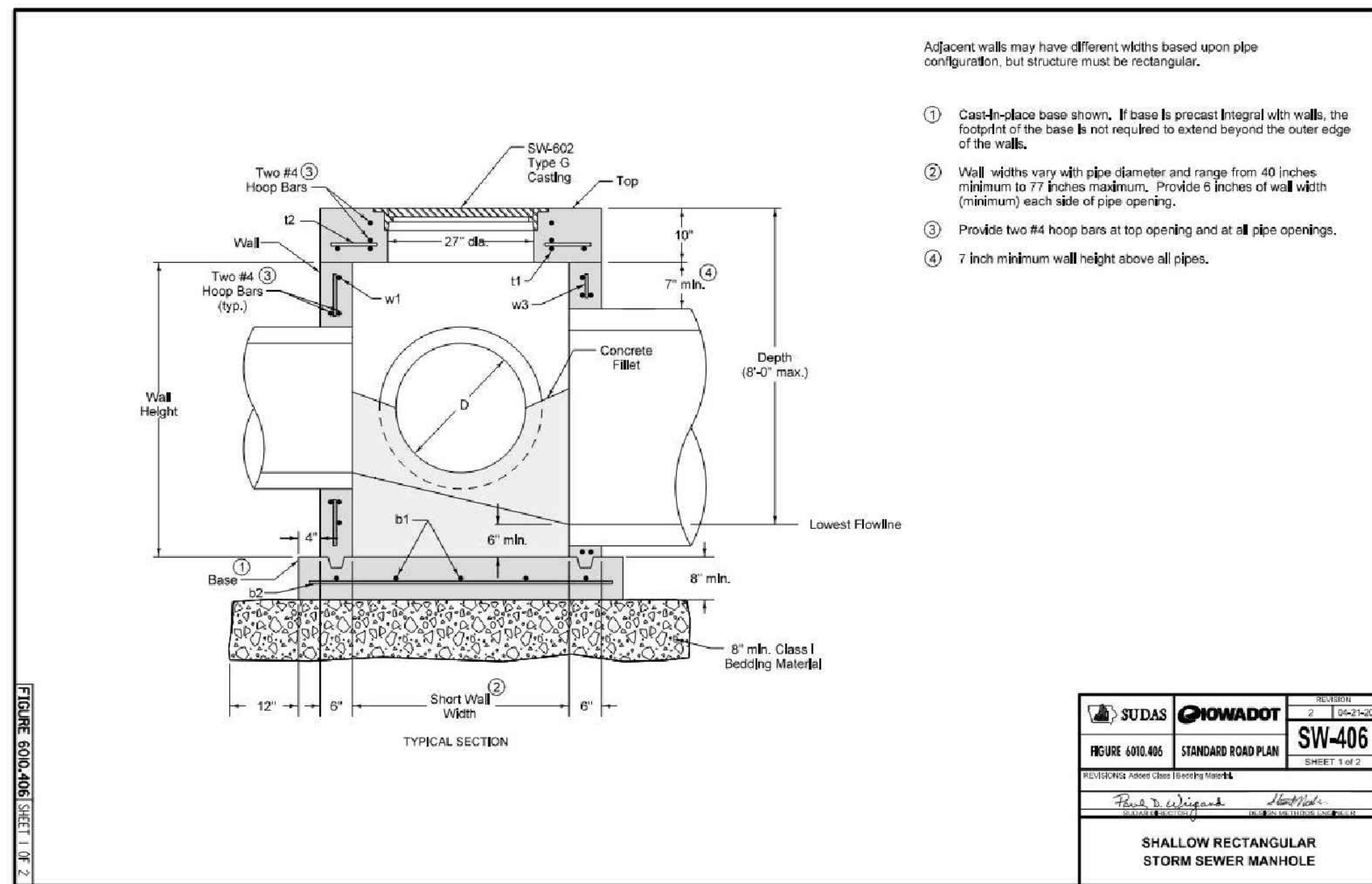
FP/INET  
Heardman Engineers, Inc.  
844 Leavenworth, Suite 300  
Dyersville, Iowa 52008  
Phone: 815-242-5000

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PLANNING • DESIGN

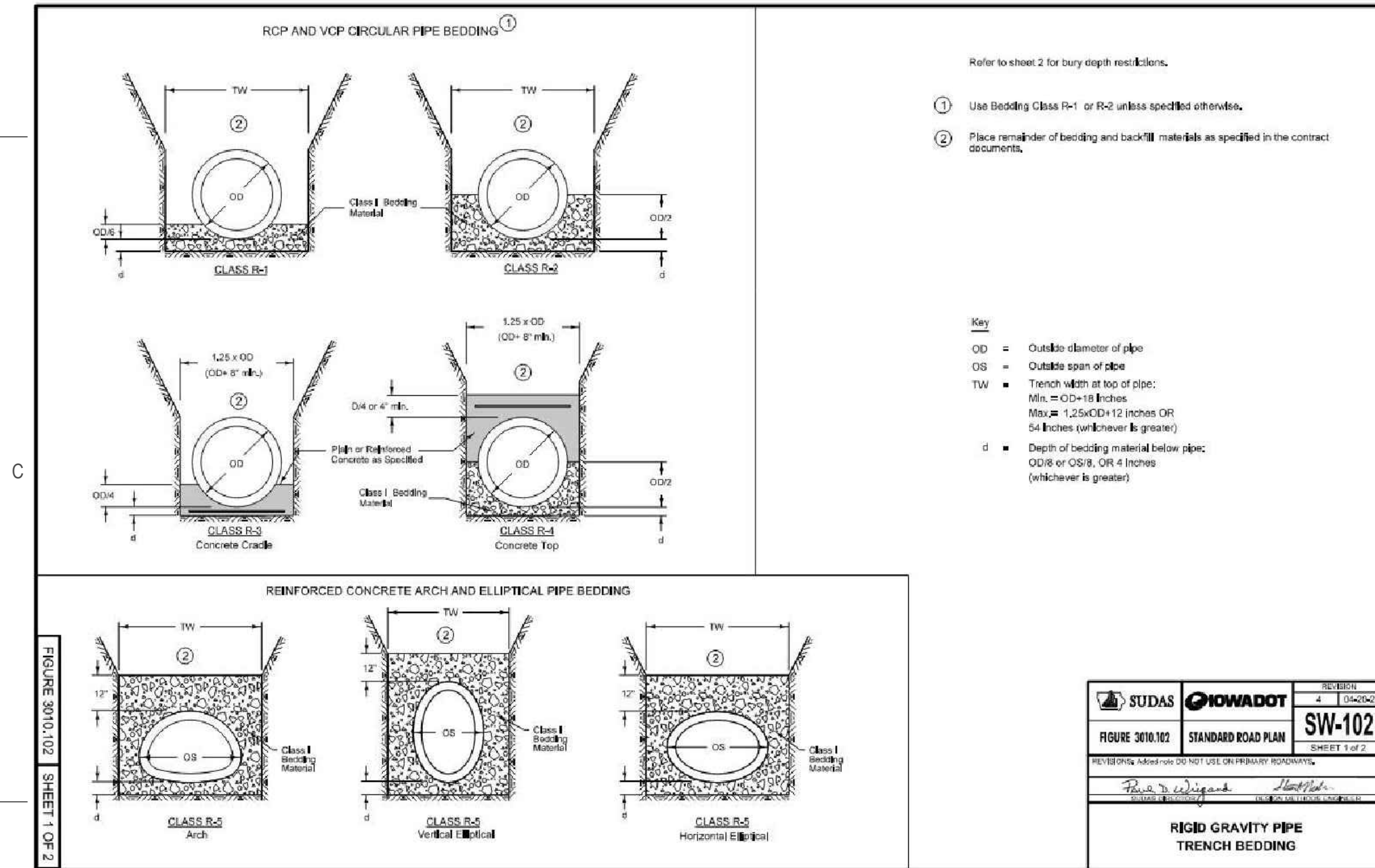




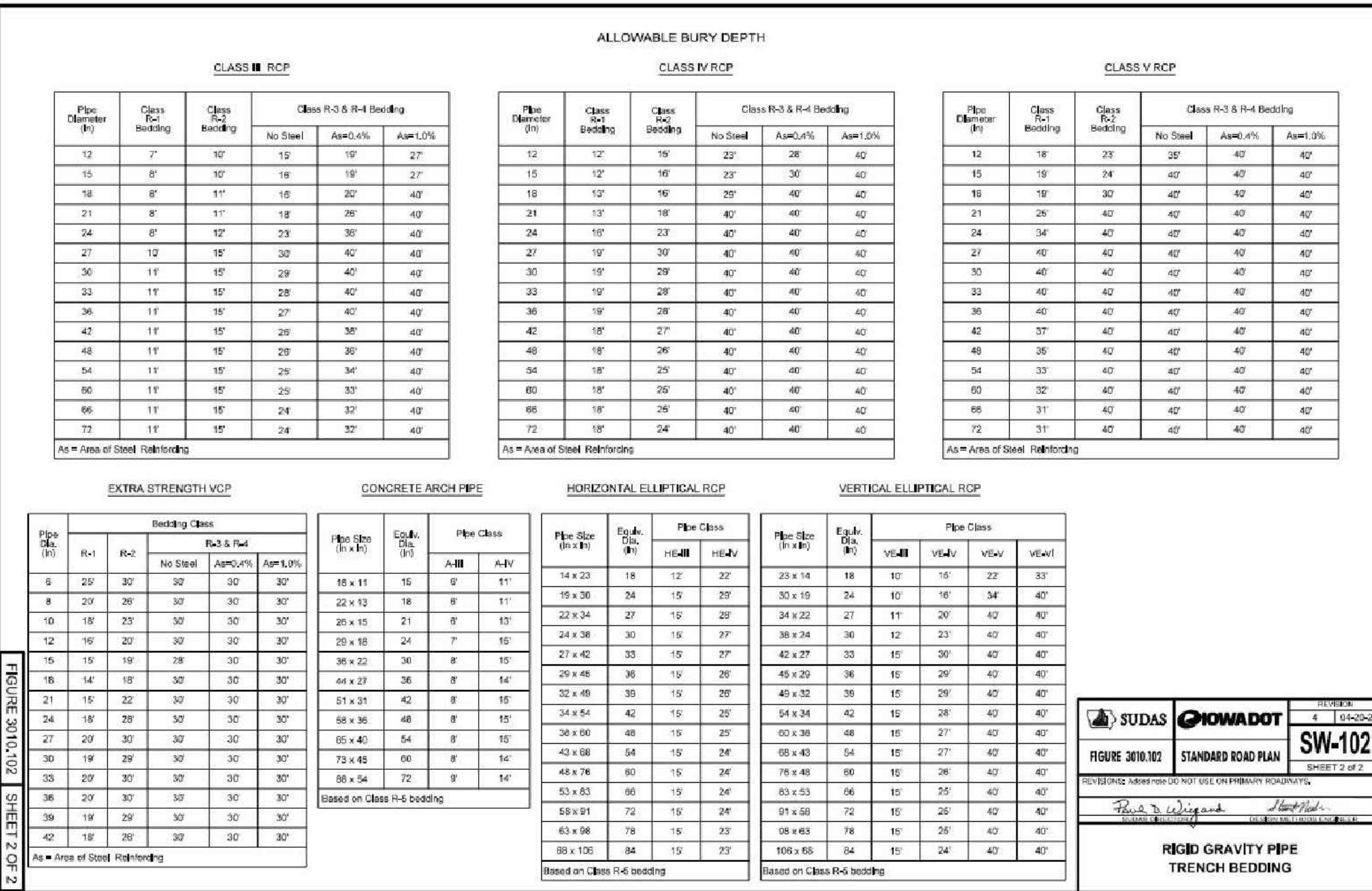
6 STORM MANHOLE  
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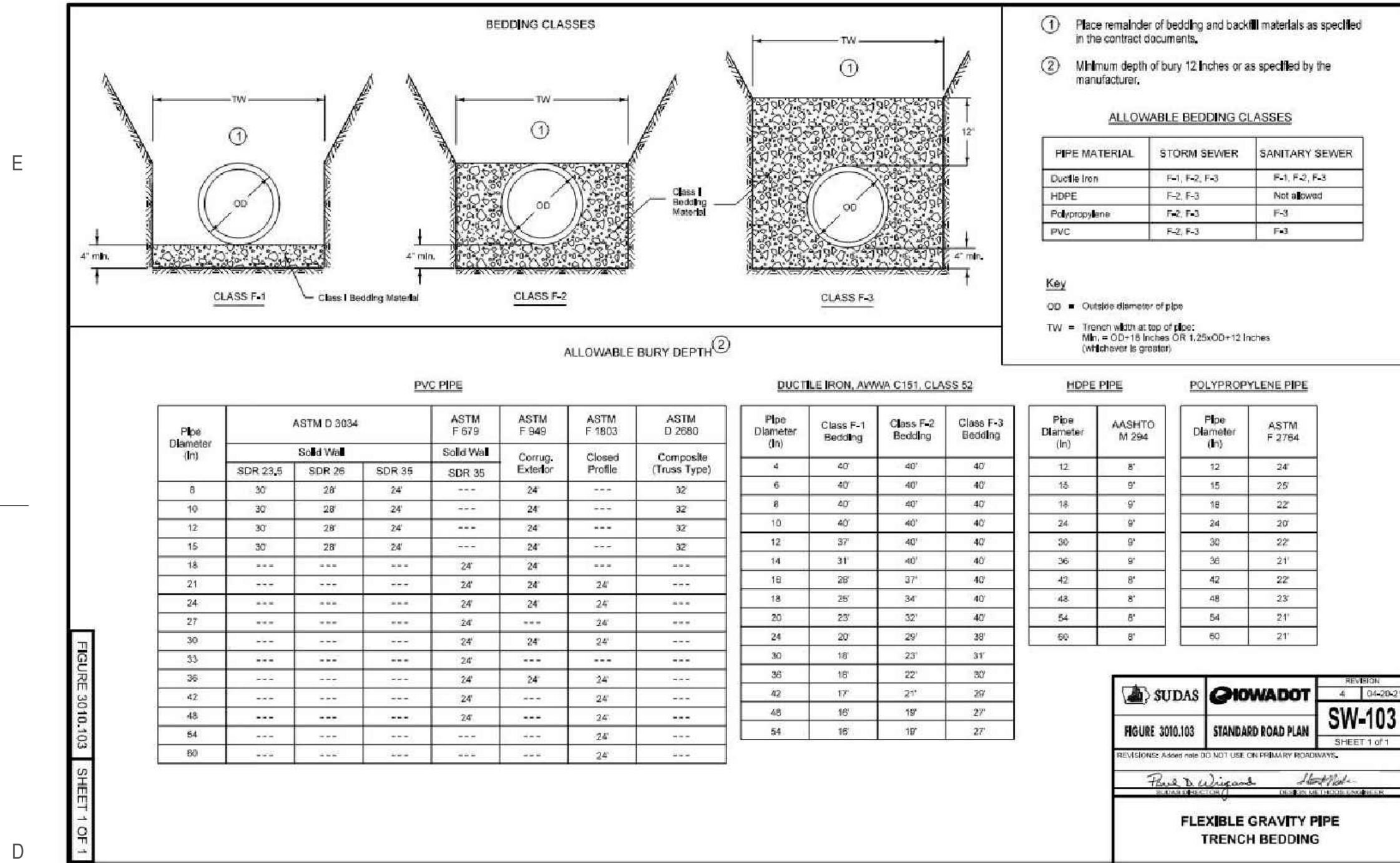
7 SHALLOW RECTANGULAR STORM SEWER MANHOLE  
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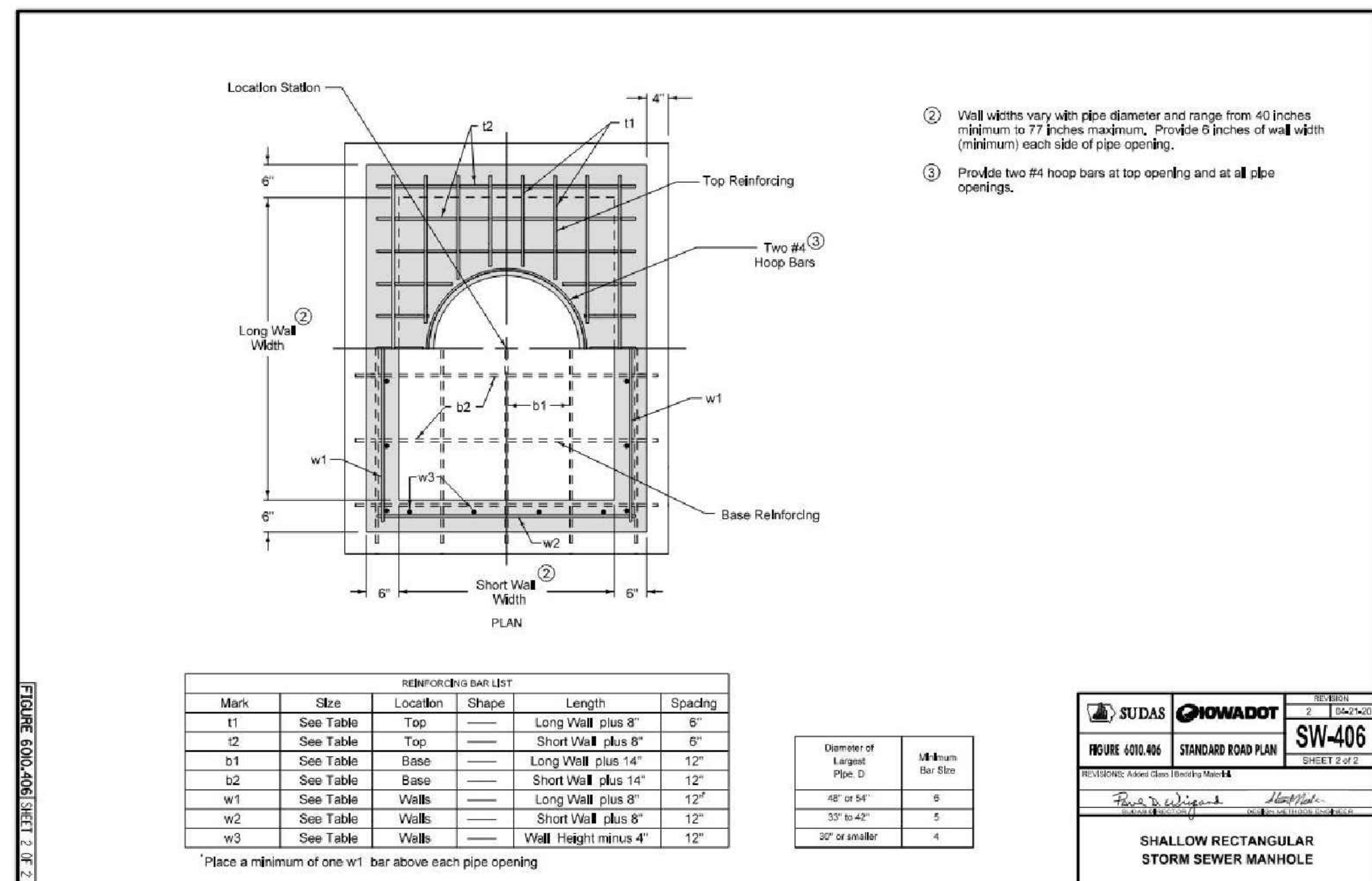
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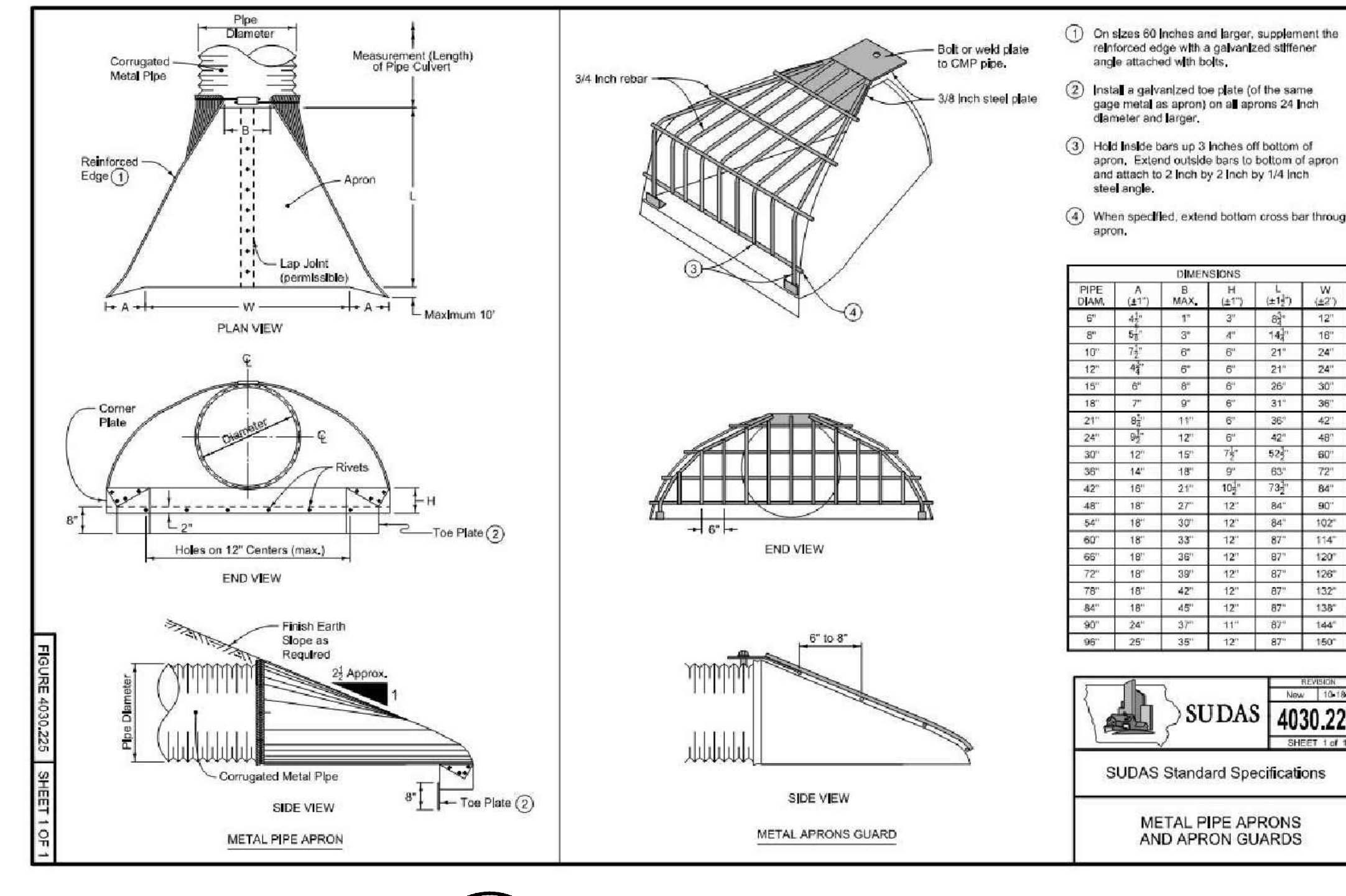
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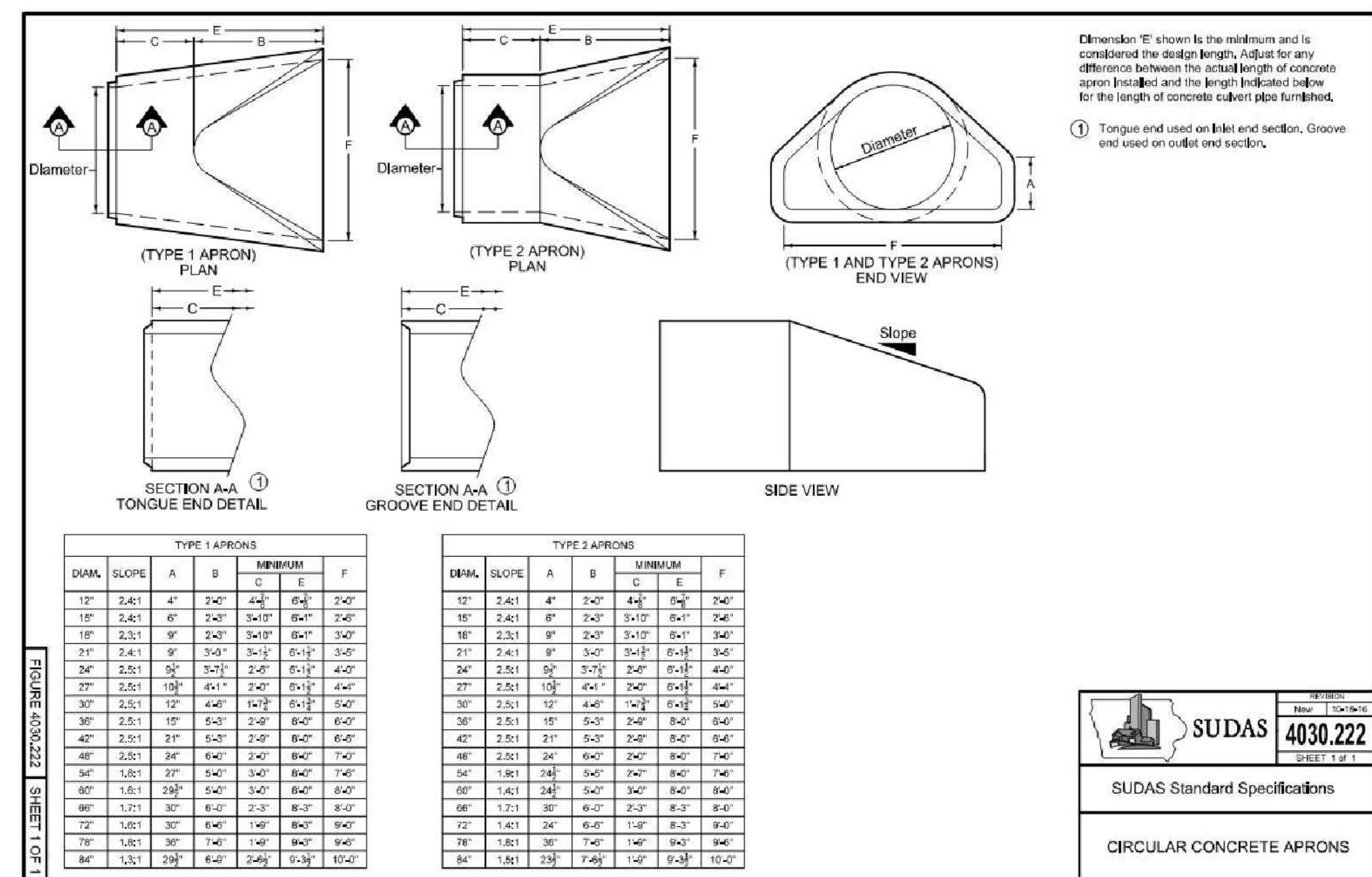
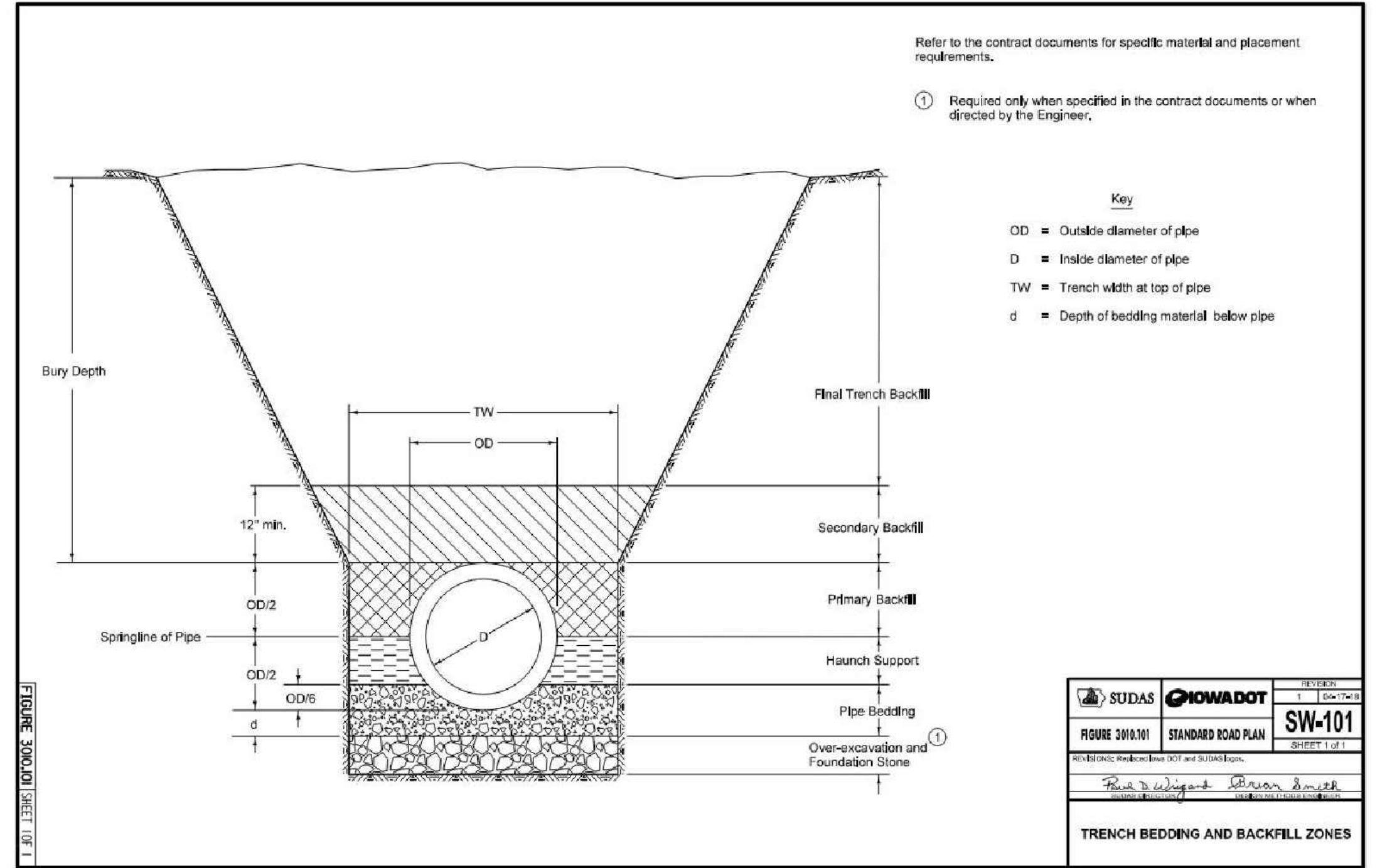
1 TRENCH BEDDING  
C07.01 SUDAS 3010.103 NOT TO SCALE



5 METAL PIPE APRON  
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3 CONCRETE PIPE APRON  
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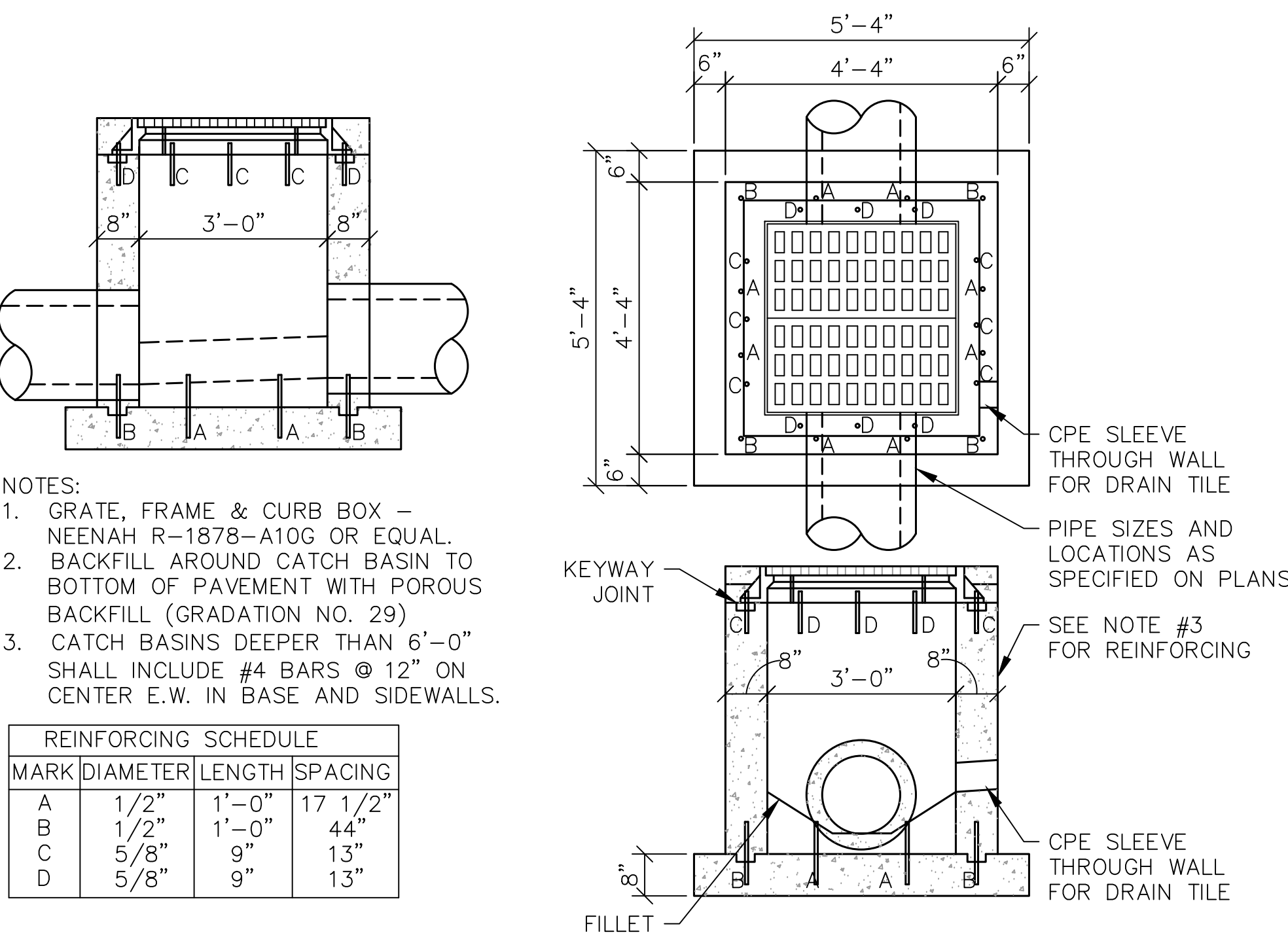




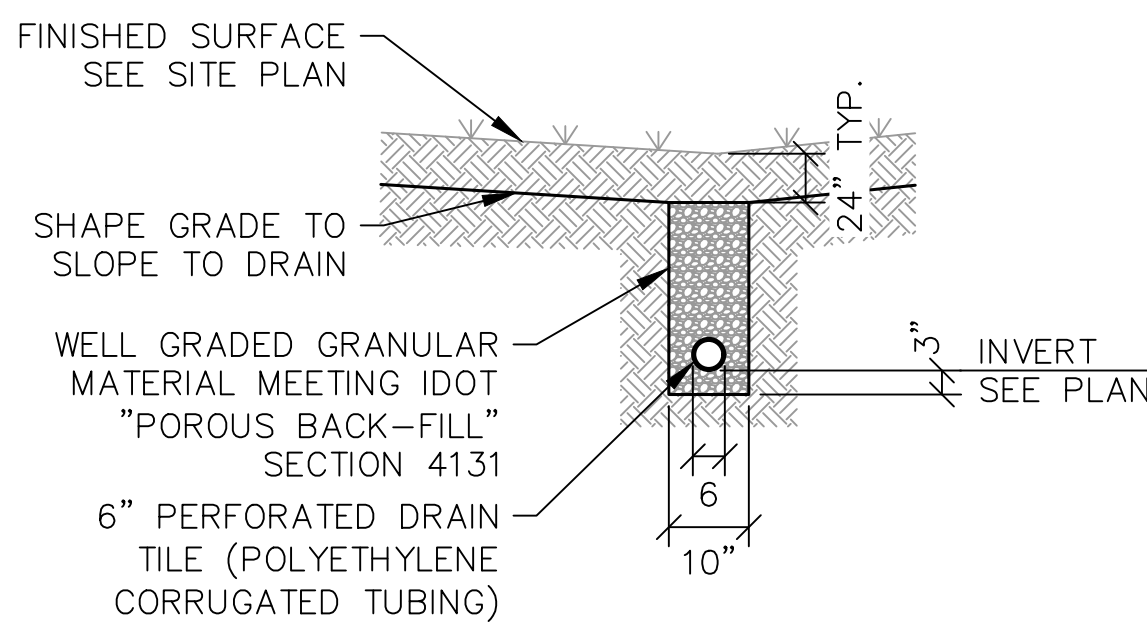


MARK	DIAMETER	LENGTH	SPACING
A	1 1/2"	1'-0"	17 1/2"
B	1 1/2"	1'-0"	44"
C	5/8"	9"	13"
D	5/8"	9"	13"

- NOTES:
1. GRATE, FRAME & CURB BOX - NEENAH R-1878-A10G OR EQUAL.
  2. BACKFILL AROUND CATCH BASIN TO BOTTOM OF PAVEMENT WITH POROUS BACKFILL (GRADATION NO. 29)
  3. CATCH BASINS DEEPER THAN 6'-0" SHALL INCLUDE #4 BARS @ 12" ON CENTER E.W. IN BASE AND SIDEWALLS.

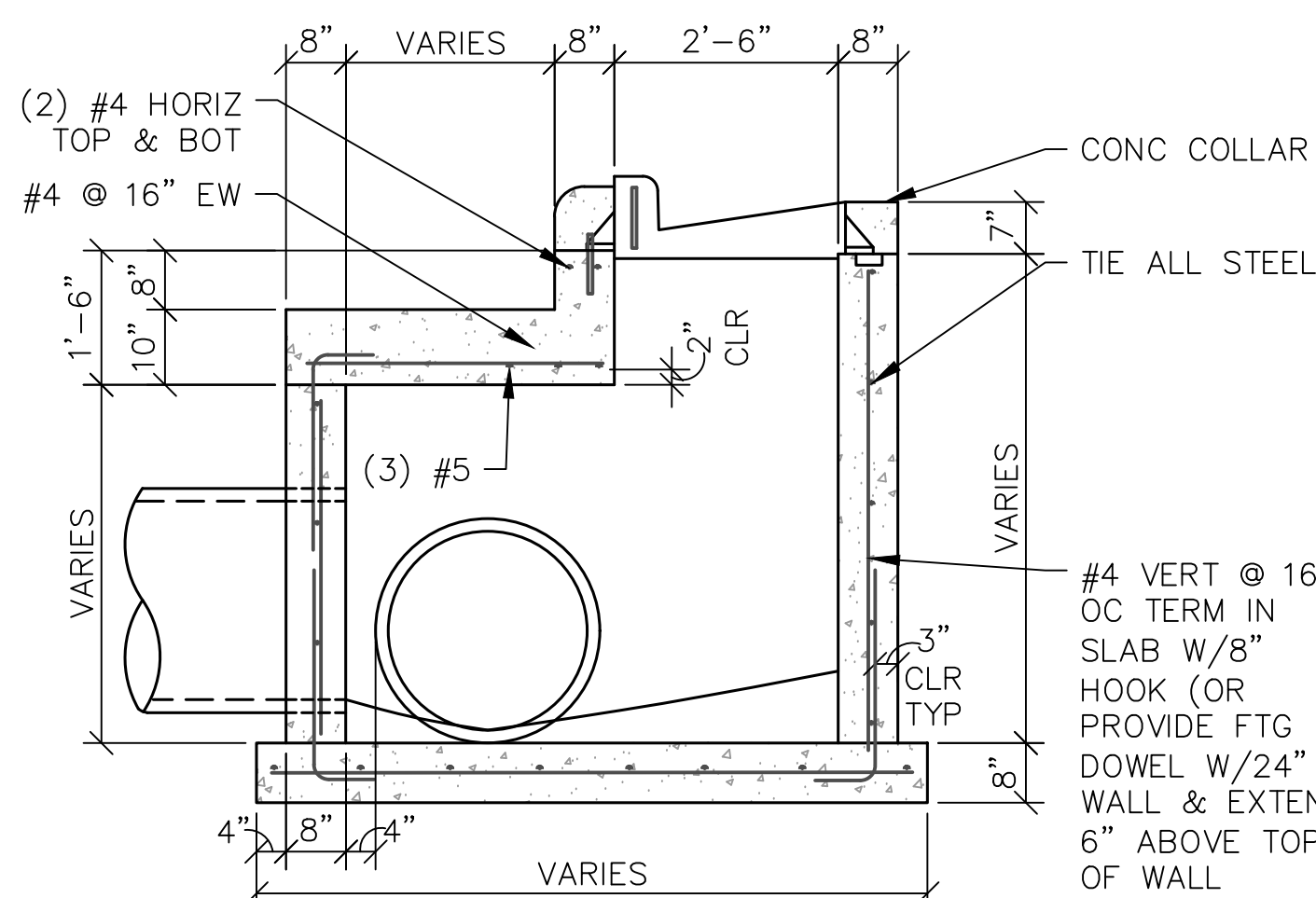
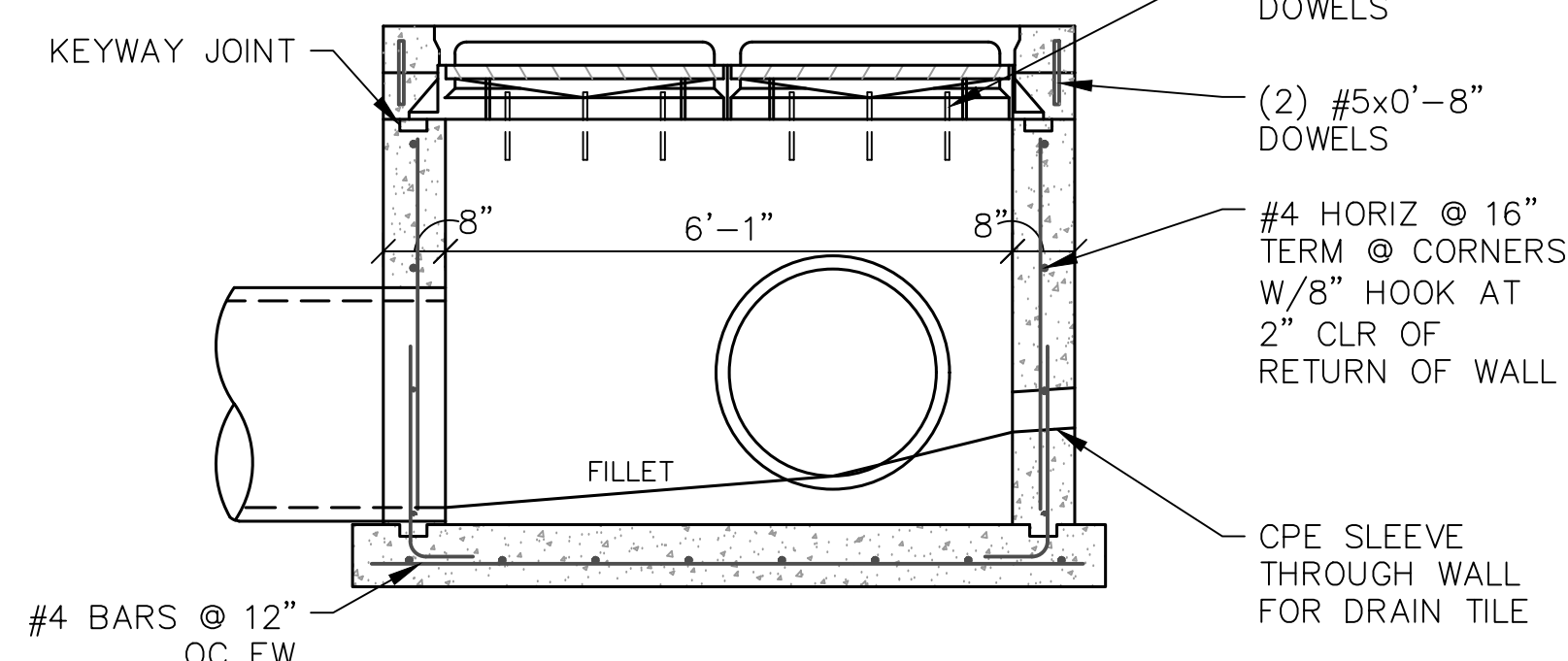


6 STORM INTAKE 101-C  
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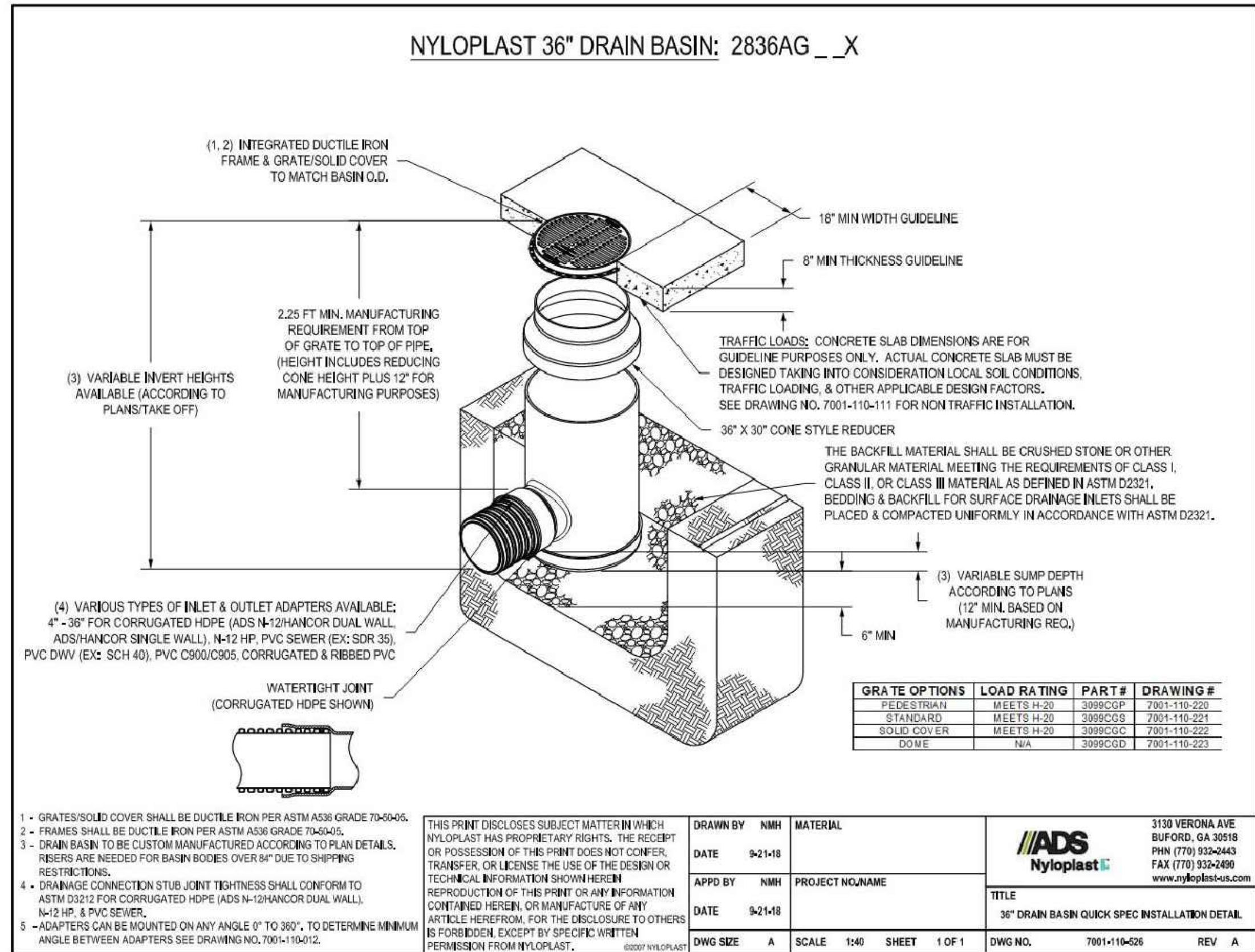


7 SUBDRAIN  
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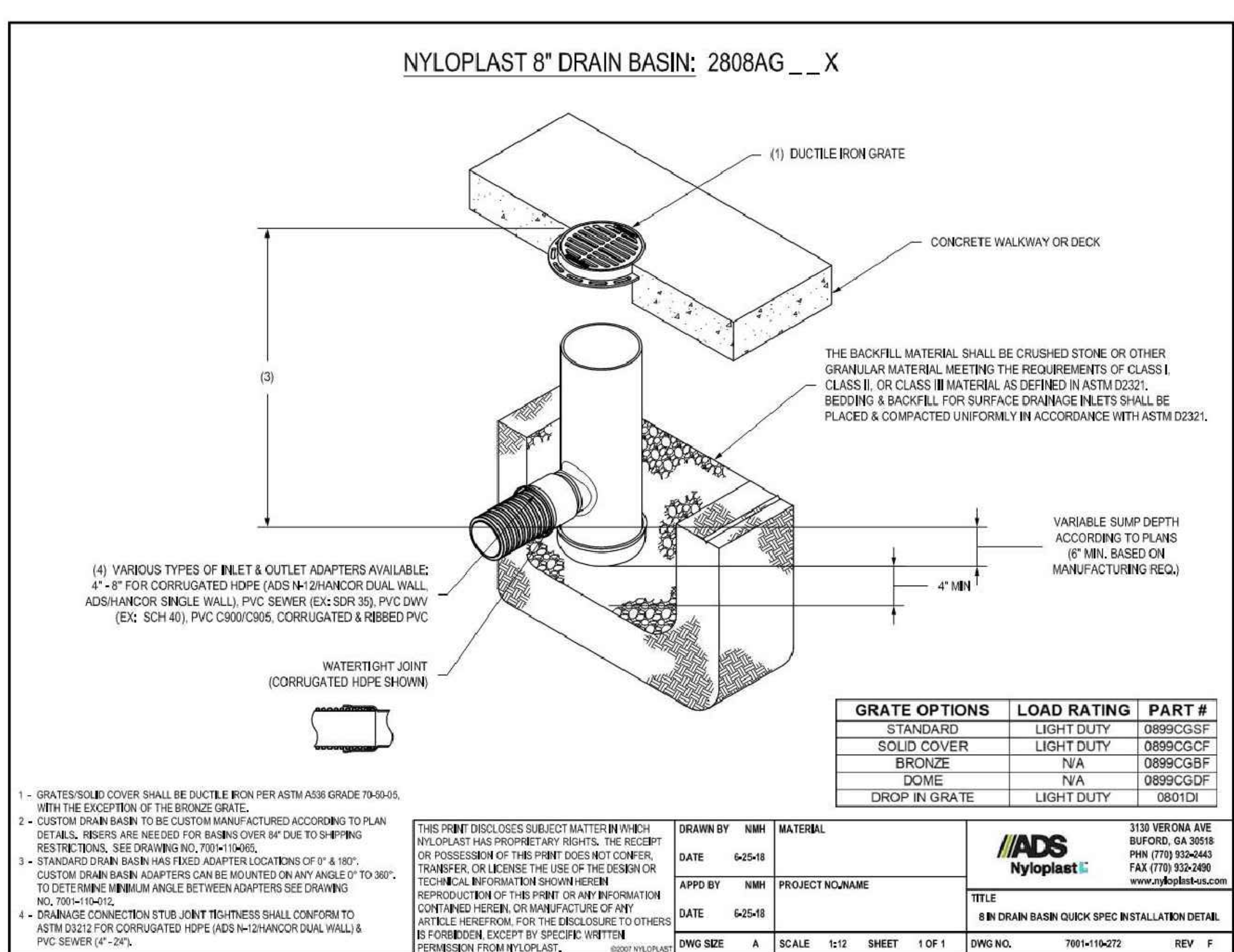
5 STORM INTAKE 104-B SPECIAL  
NOT TO SCALE



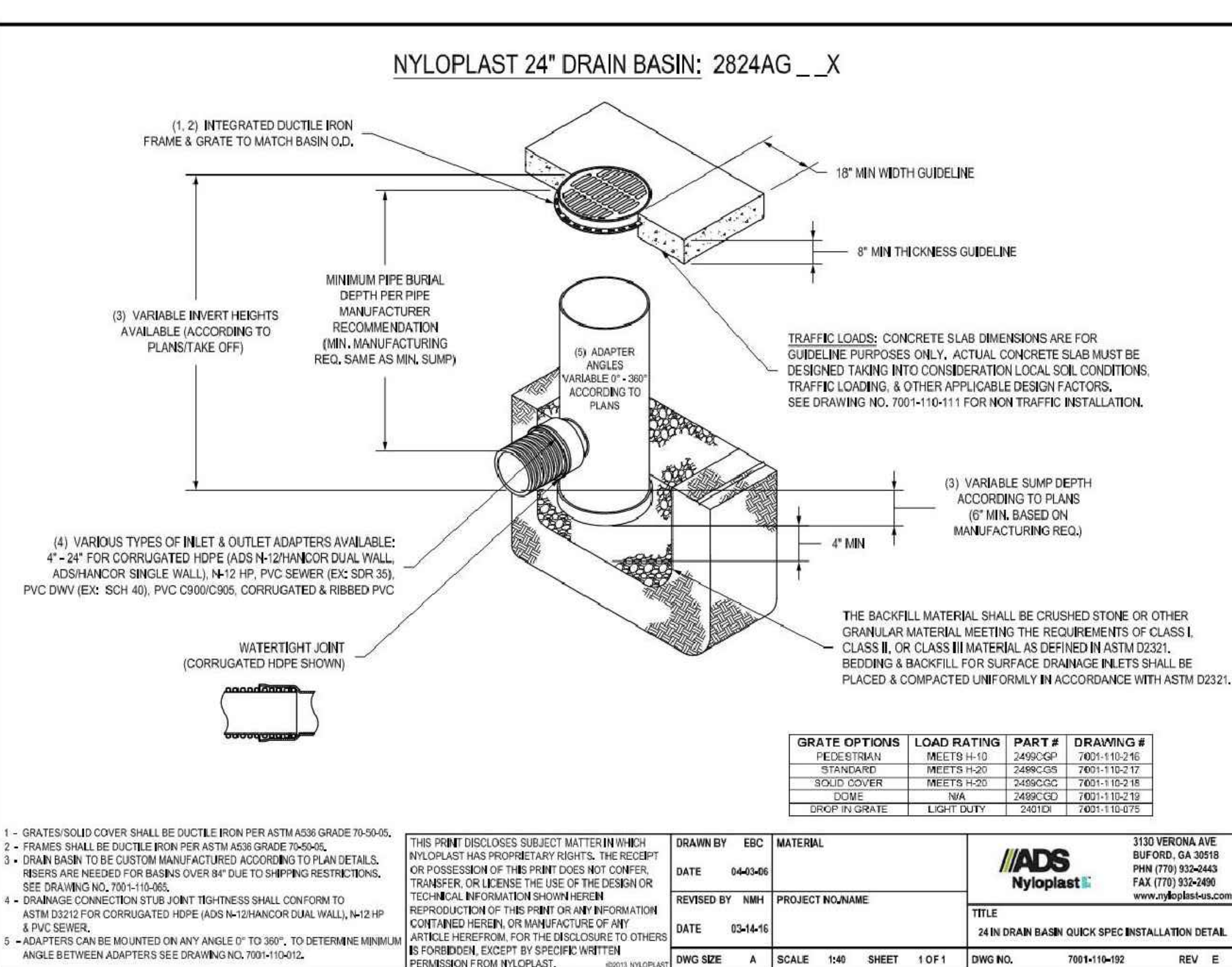
- NOTES:
1. BACKFILL AROUND CATCH BASIN TO BOTTOM OF PAVEMENT WITH POROUS BACKFILL (GRADATION NO. 29)
  2. CONSTRUCTION OF INTAKES SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE CPE SLEEVE THROUGH THE WALL OF THE INTAKE STRUCTURE, THE PERFORATED SUBDRAIN, FITTINGS AND THE COST TO CONNECT THE ROADWAY SUBDRAIN TO THE INTAKE SUBDRAIN AND ALL TOOLS AND LABOR NECESSARY TO CONSTRUCT THE SUBDRAIN AND CONNECTIONS.
  3. ROADWAY SUBDRAIN SHALL CONNECT TO THE INTAKE SUBDRAIN AT THE LOCATIONS SHOWN ON THE ROADWAY STORM SEWER SHEETS.
  4. ALL LOCATIONS ALONG THE INTAKE SUBDRAIN MUST DRAIN TOWARDS THE FABRICATED TEE FITTING.
  5. PLACE GRATE TOWARD DIRECTION OF FLOW ACCORDING TO MANUFACTURE'S INSTRUCTION.
  6. THE CAST IRON GRATE SHOWN IN THE CONTRACT DOCUMENTS SHALL BE INCLUDED IN THE COST OF THE INTAKE.
  7. CAST IRON GRATE AND FRAME SHALL BE NEENAH R-3246 AL, DEETER 2064, EJIW 7510Z1, OR APPROVED EQUAL. FRAMES USED IN THIS CATCH BASIN REQUIRE FLANGES TO BE REMOVED WHERE THEY BUTT TOGETHER. FRAMES SHALL BE FASTENED TOGETHER USING STAINLESS STEEL BOLTS, 5/8"x1 1/2" LENGTH, IN TWO LOCATIONS ALONG THE BUTTED EDGE.
  8. DIMENSIONS SHOWN ARE FOR THE CONSTRUCTION OF A 6 INCH STANDARD CURB AS A PART OF THE PAVEMENT.
  9. ALL BARS SHALL BE ASTM A 615, GRADE 60.
  10. PRECAST CONCRETE UNITS WITH THESE DIMENSIONS MAY BE UTILIZED. PIPE CONNECTIONS TO PRECAST UNITS SHALL BE GROUTED.
  11. WHEN INTAKE IS CONSTRUCTED OVER EXISTING PIPE, THE PIPE SHALL BE CUT TO PROPER LENGTH. THE COST OF CUTTING THE PIPE IS INCIDENTAL TO THE COST OF CONSTRUCTING THE INTAKE.



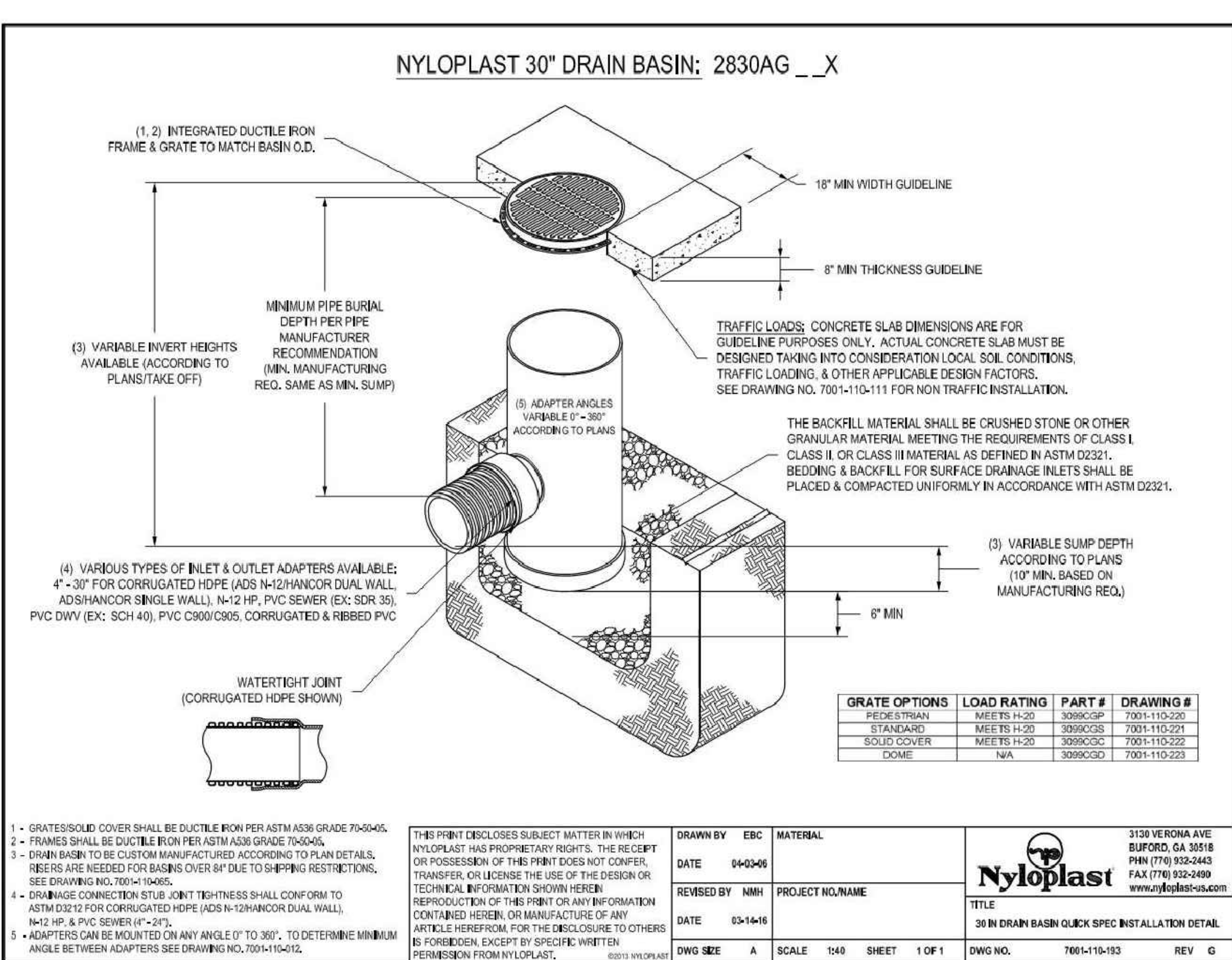
4 36" NYLOPLAST DRAIN BASIN  
NOT TO SCALE



1 8" NYLOPLAST DRAIN BASIN  
NOT TO SCALE



2 24" NYLOPLAST DRAIN BASIN  
NOT TO SCALE



3 30" NYLOPLAST DRAIN BASIN  
NOT TO SCALE

FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

THIS IS IOWA BALLPARK, INC.  
CITY OF DYERSVILLE

28995 LANSING RD  
DYERSVILLE, IA 52040

KEY PLAN

ISSUED	8/27/2023	DATE	8/27/2023
PROJECT NO.	R3065.222.04	DATE	8/27/2023

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STORM  
DETAILS

C07.03

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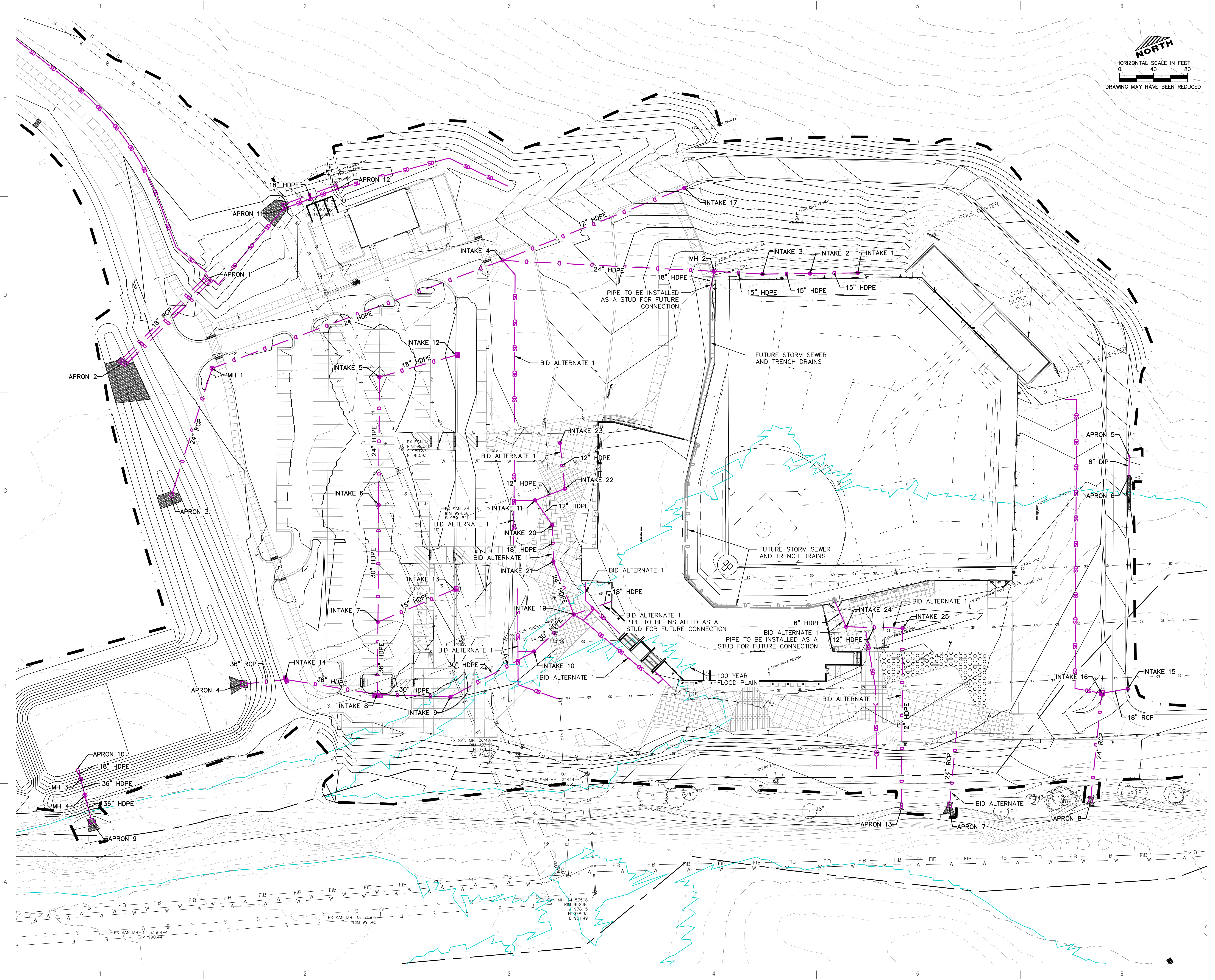
STRUCTURAL	IRIGATION	ACQUISITION	AV/BROADCAST	FOOD & BEVERAGE
RDG Planning & Design 101 Main Street, Ste. 100 Dyersville, Iowa 52040 Phone: 515.285.2441	RDG Planning & Design 101 Main Street, Ste. 100 Dyersville, Iowa 52040 Phone: 515.285.2441	RDG Planning & Design 101 Main Street, Ste. 100 Dyersville, Iowa 52040 Phone: 515.285.2441	RDG Planning & Design 101 Main Street, Ste. 100 Dyersville, Iowa 52040 Phone: 515.285.2441	RDG Planning & Design 101 Main Street, Ste. 100 Dyersville, Iowa 52040 Phone: 515.285.2441

RDG  
PLANNING • DESIGN

STRUCTURAL	IRIGATION	ACQUISITION	AV/BROADCAST	FOOD & BEVERAGE
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SHEET 002 OF 17  
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FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

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28995 LANSING RD  
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**AV / BROADCAST**  
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**LIGHTING**  
RDG Planning & Design  
101 Main Street, Ste. 100  
Dyersville, Iowa 52009  
Phone: 515-285-1441

**FOOD & BEVERAGE**  
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Dyersville, Iowa 52009  
Phone: 515-285-1441

**ACOUSTICAL**  
RDG Planning & Design  
101 Main Street, Ste. 100  
Dyersville, Iowa 52009  
Phone: 515-285-1441

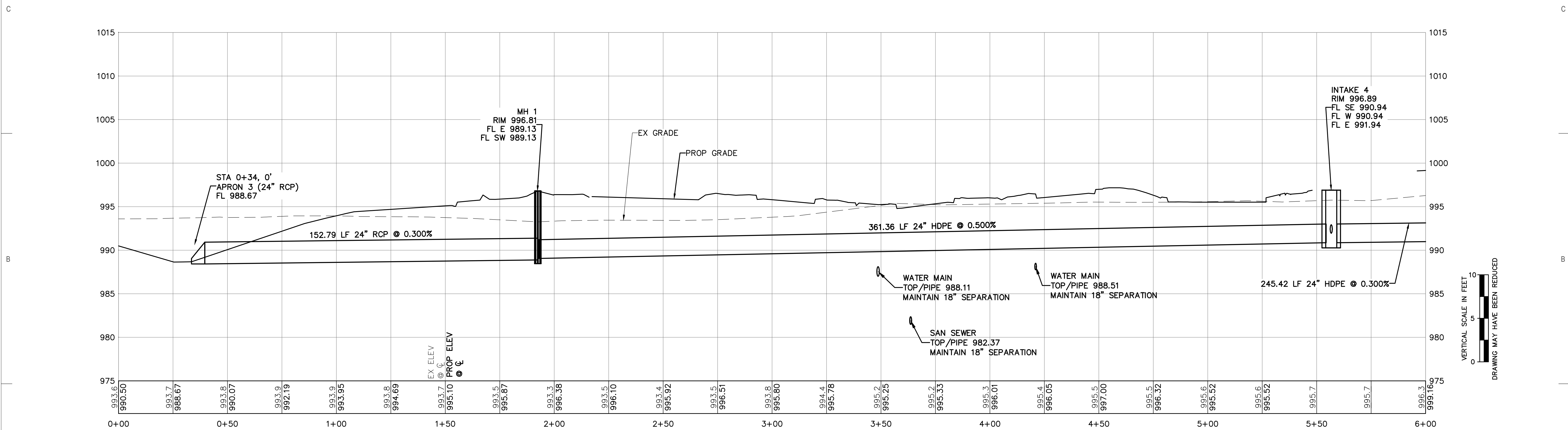
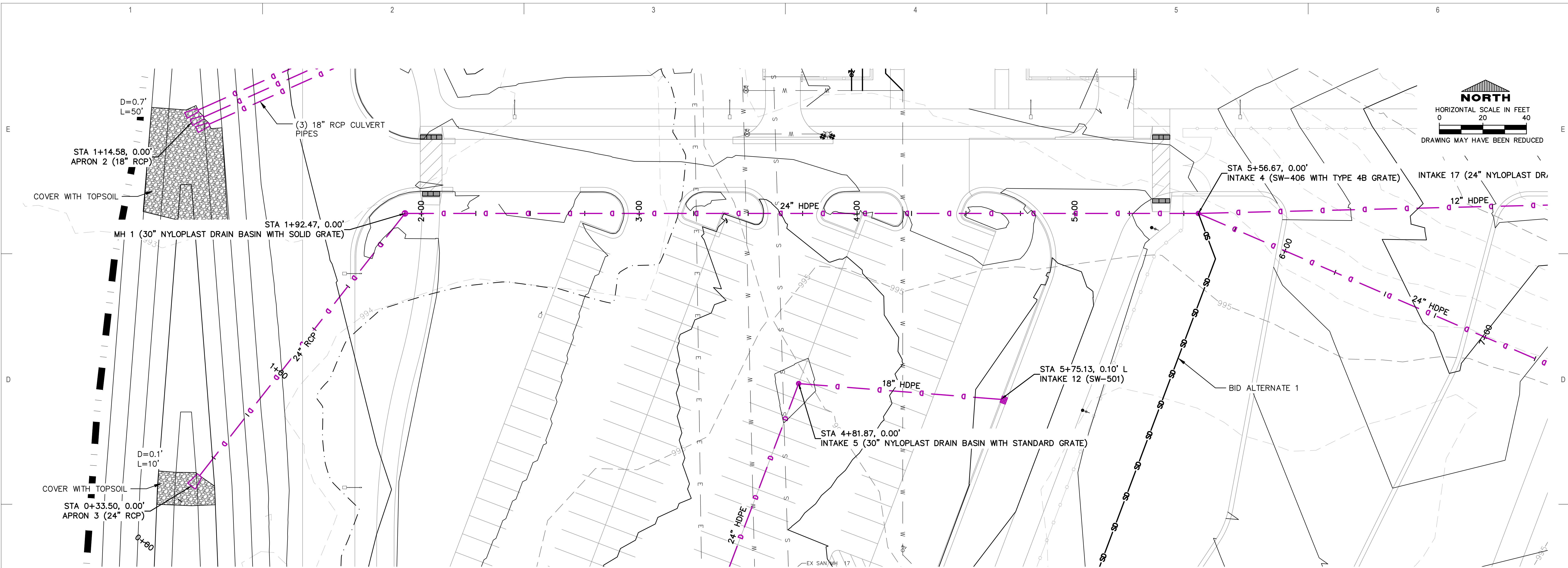
**STRUCTURAL**  
White & Associates, Inc.  
201 East Second Street  
Dyersville, Iowa 52009  
Phone: 515-282-2454

**FPPIET**  
Henderson Engineers, Inc.  
844 Leona Drive, Suite 300  
Dyersville, Iowa 52009  
Phone: 515-242-0000

**STORM PLAN OVERALL**

C07.10





BID PACKAGE 01

NOT FOR CONSTRUCTION

FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

THIS IS IOWA BALLPARK, INC.  
CITY OF DYERSVILLE

28995 LANSING RD  
DYERSVILLE, IA 52040

KEY PLAN

DATE	03/20/23
PROJECT NO.	R3065.292.24
PROJECT NAME	FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK
PROJECT LOCATION	28995 LANSING RD, DYERSVILLE, IA 52040
PROJECT OWNER	CITY OF DYERSVILLE
PROJECT DESIGNER	RDG Planning & Design
PROJECT ENGINEER	RDG Planning & Design
PROJECT ARCHITECT	RDG Planning & Design
PROJECT LANDSCAPE ARCHITECT	RDG Planning & Design
PROJECT CIVIL ENGINEER	RDG Planning & Design
PROJECT STRUCTURAL ENGINEER	RDG Planning & Design
PROJECT IRRIGATION ENGINEER	RDG Planning & Design
PROJECT ACoustical ENGINEER	RDG Planning & Design
PROJECT FOOD & BEVERAGE ENGINEER	RDG Planning & Design
PROJECT AV / BROADCAST ENGINEER	RDG Planning & Design
PROJECT LIGHTING ENGINEER	RDG Planning & Design

STORM PLAN  
& PROFILE

C07.11

RDG...  
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STRUCTURAL  
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Phone: 815.221.2424

LANDSCAPE ARCHITECT  
RDG Planning & Design  
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Dyersville, IA 52040  
Phone: 815.221.2424

ARCHITECT  
RDG Planning & Design  
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Dyersville, IA 52040  
Phone: 815.221.2424

AV / BROADCAST  
RDG Planning & Design  
101 East Kentucky Boulevard, Suite 100  
Dyersville, IA 52040  
Phone: 815.221.2424

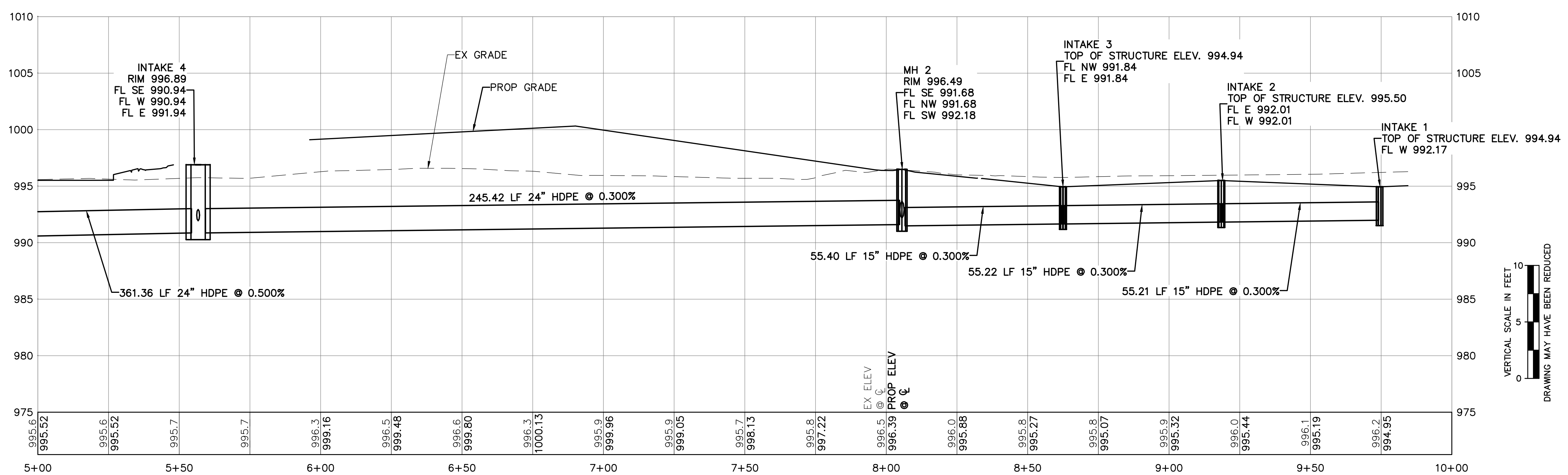
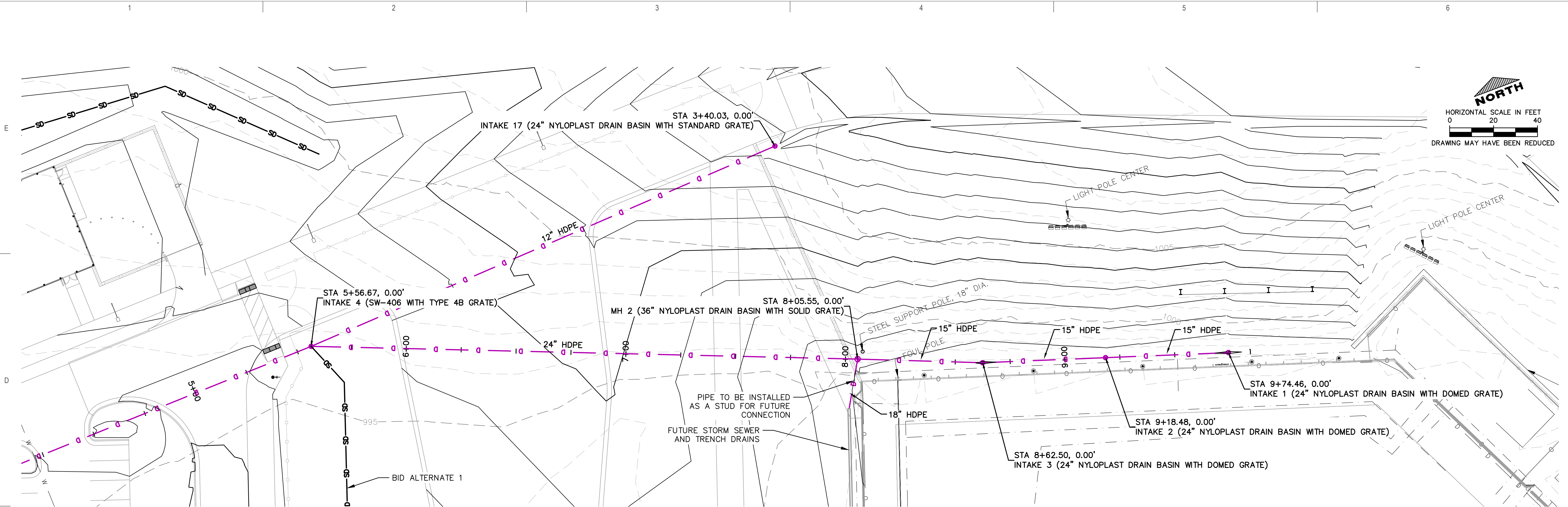
FOOD & BEVERAGE  
RDG Planning & Design  
101 East Kentucky Boulevard, Suite 100  
Dyersville, IA 52040  
Phone: 815.221.2424

ACoustical  
RDG Planning & Design  
101 East Kentucky Boulevard, Suite 100  
Dyersville, IA 52040  
Phone: 815.221.2424

CMAR  
RDG Planning & Design  
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Dyersville, IA 52040  
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FPPIET  
RDG Planning & Design  
101 East Kentucky Boulevard, Suite 100  
Dyersville, IA 52040  
Phone: 815.221.2424





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28995 LANSING RD  
DYERSVILLE, IA 52040

RDG Planning & Design  
FIELD OF DREAMS MOVIE SITE  
PROFESSIONAL BALLPARK

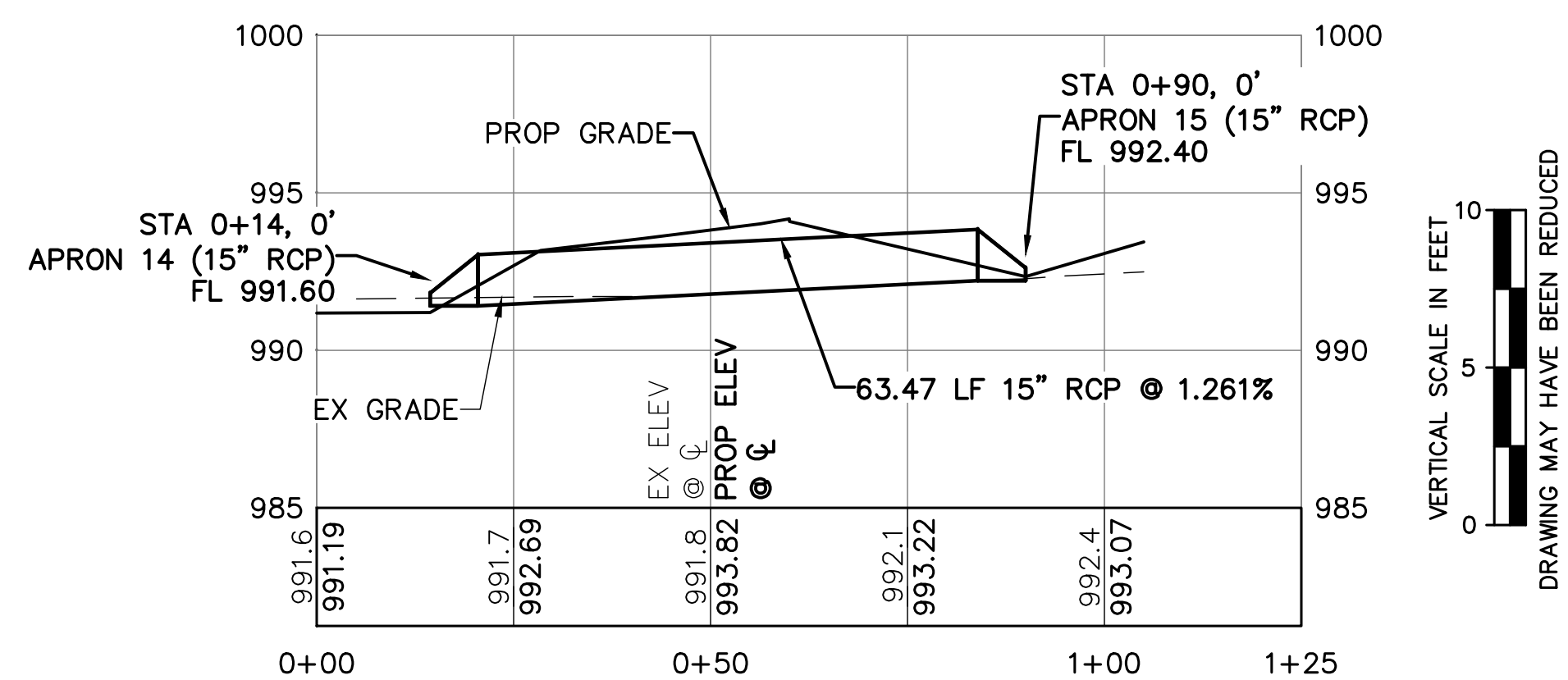
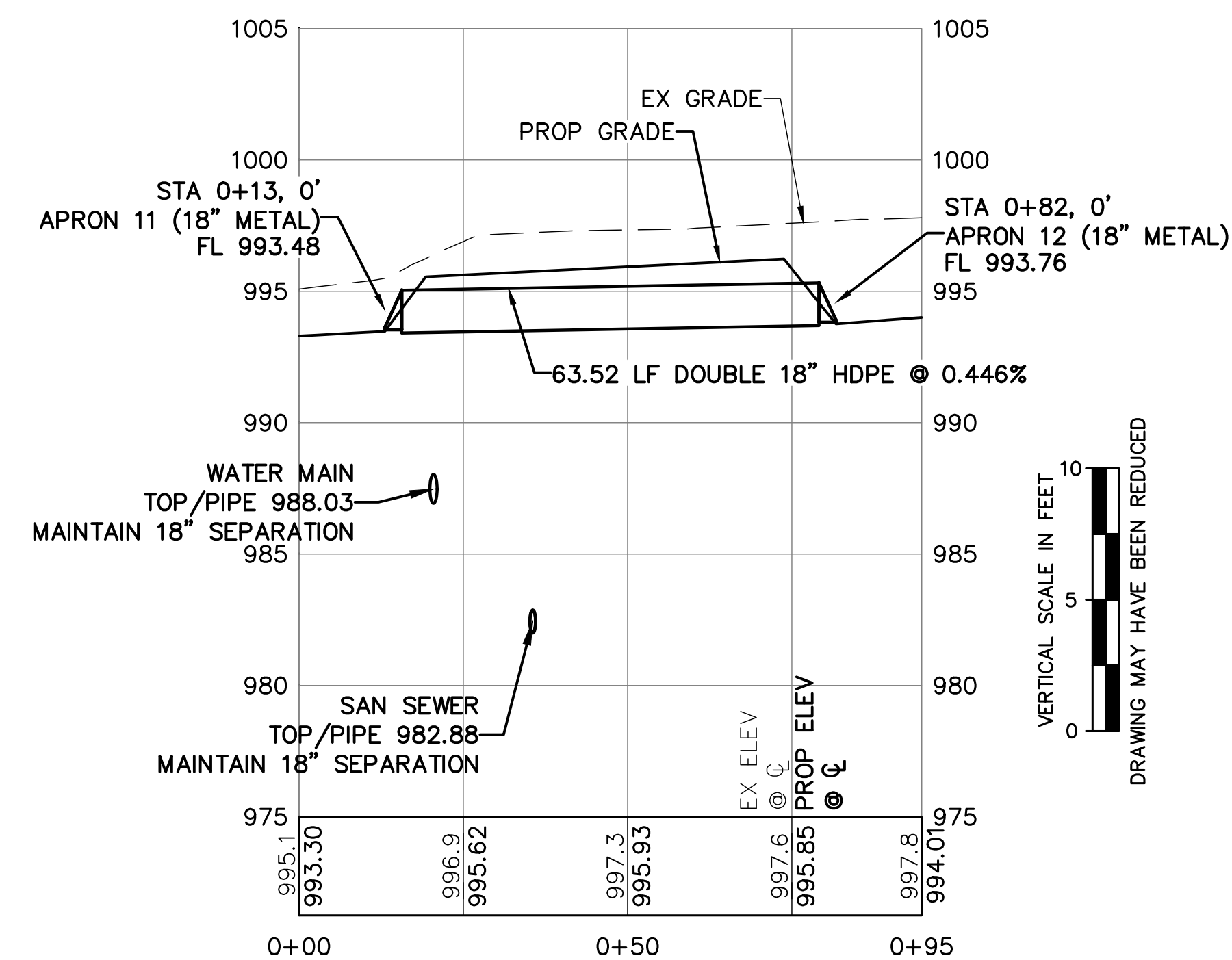
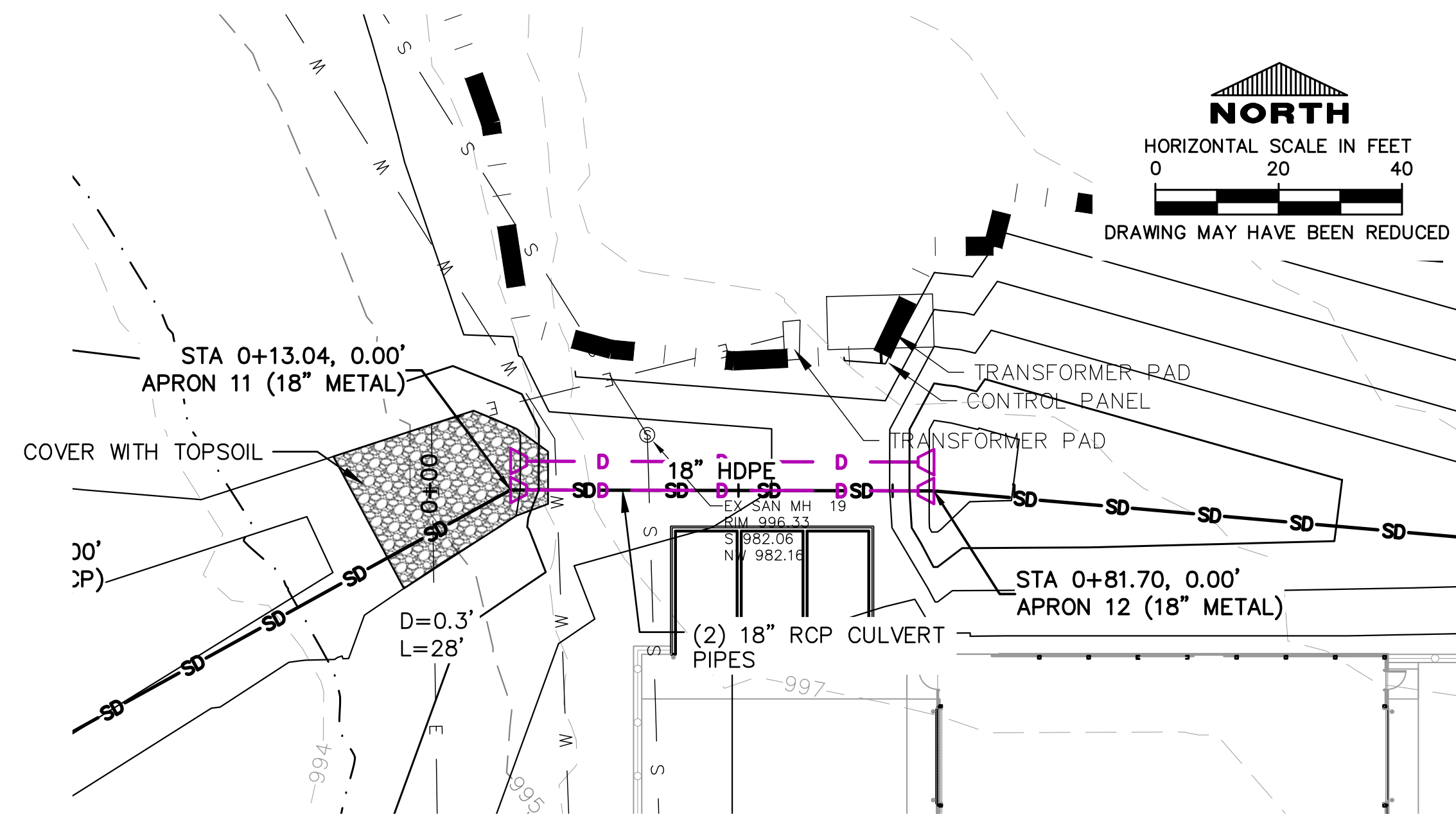
STORM PLAN  
& PROFILE

C07.12

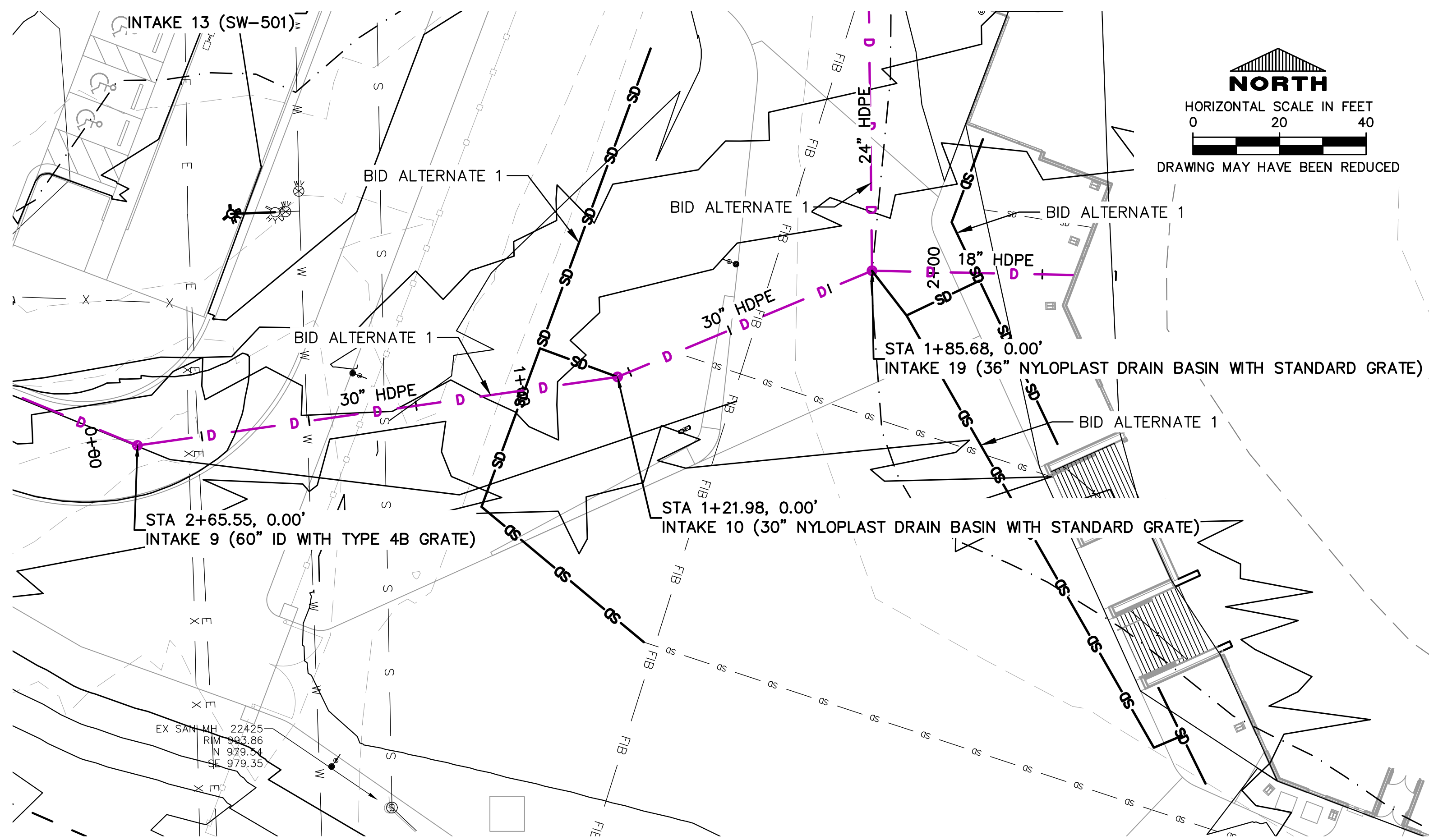
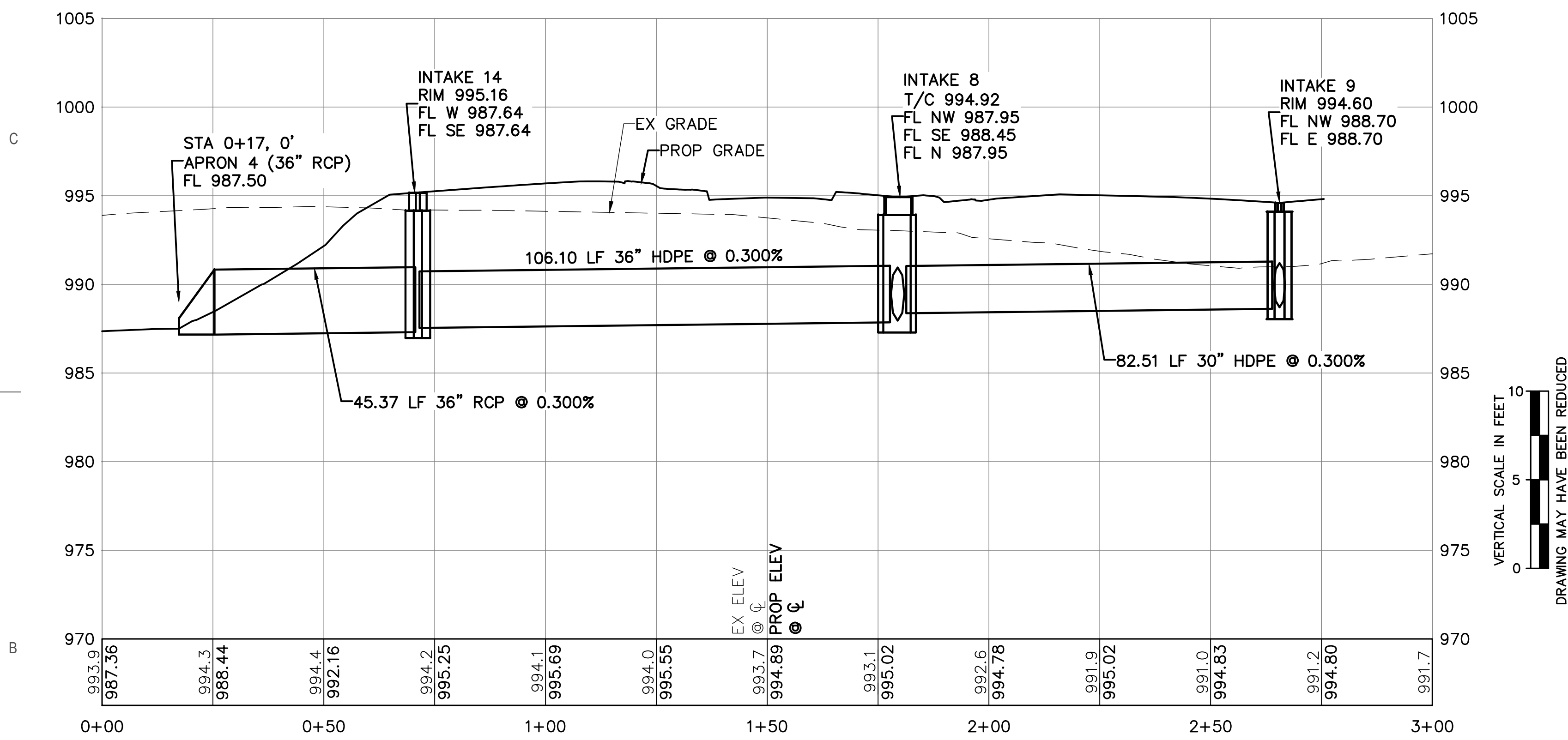
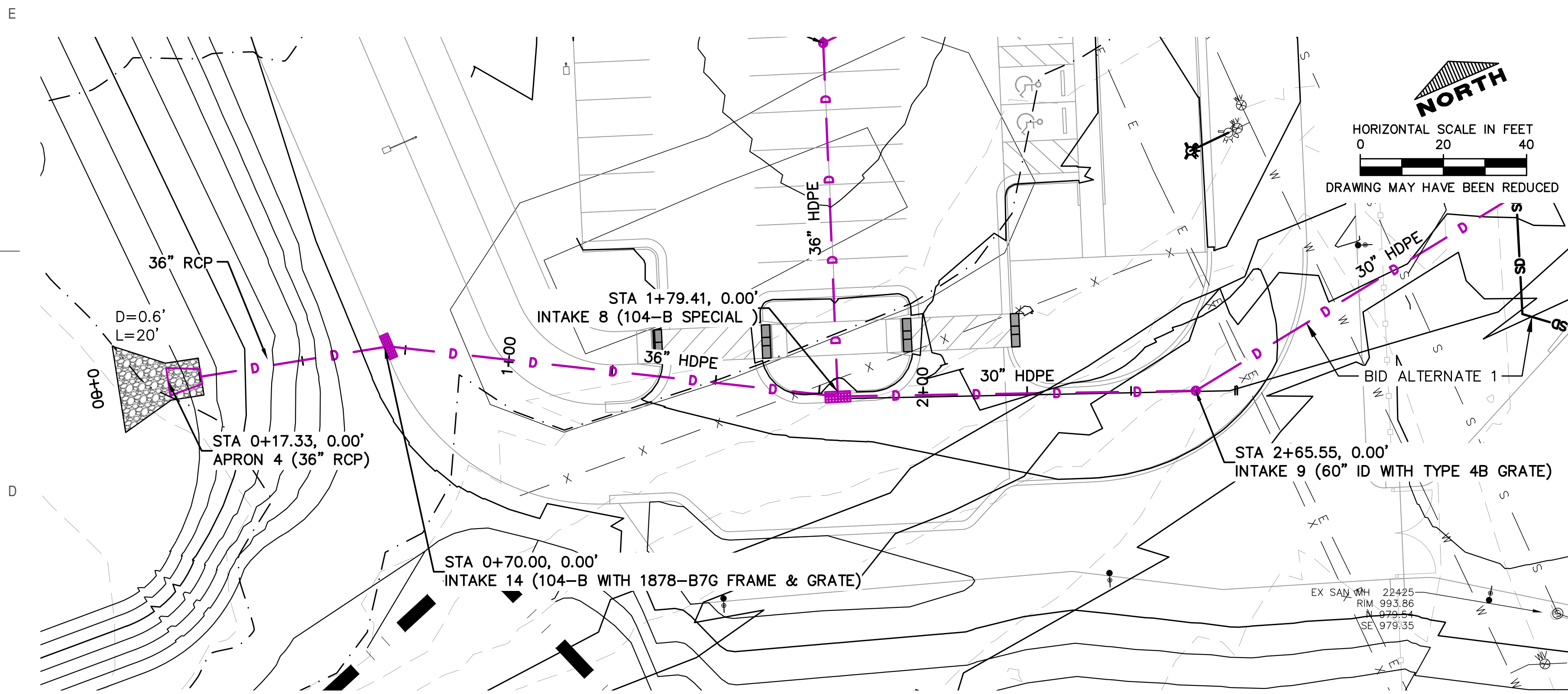




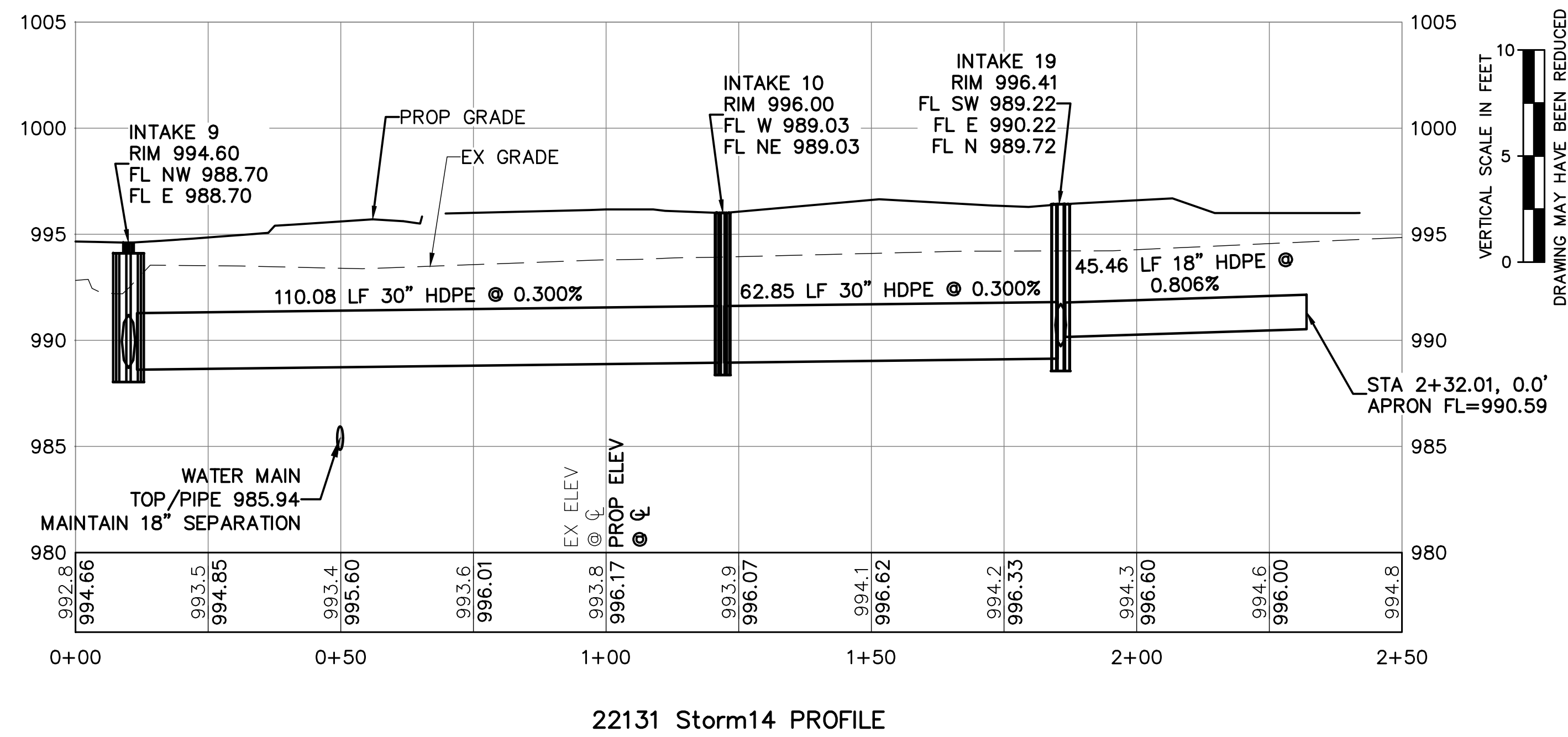








INTAKE 9 APART OF BASE BID.  
REMAINING STORM IN PROFILE  
APART OF ALTERNATE BID.



22131 Storm14 PROFILE

BID PACKAGE 01

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28995 LANSING RD  
DYERSVILLE, IA 52040

KEY PLAN

DATE	03/20/23
PROJECT NO.	R3065.202.04
ISSUANCE	03/20/23
DATE	03/20/23

RDG Planning & Design  
FIELD OF DREAMS MOVIE SITE  
PROFESSIONAL BALLPARK

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STORM PLAN  
& PROFILE

C07.15

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IRRIGATION  
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Dyersville, Iowa 52040  
Phone: 515-285-2444

LANDSCAPE ARCH  
RDG Planning & Design  
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Dyersville, Iowa 52040  
Phone: 515-285-2444

AV / BROADCAST  
RDG Planning & Design  
201 East Second Street, Suite 200  
Dyersville, Iowa 52040  
Phone: 515-285-2444

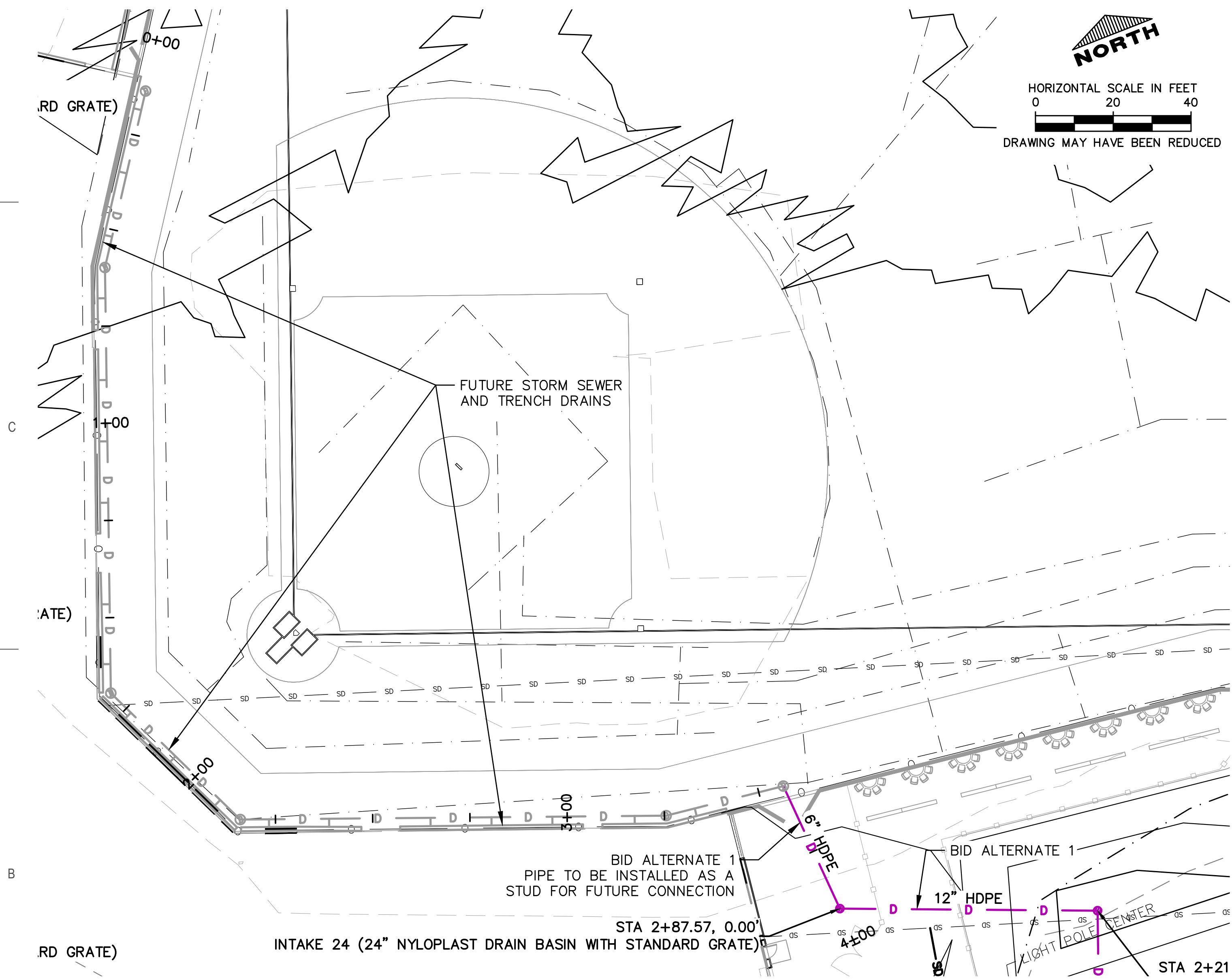
FOOD & BEVERAGE  
RDG Planning & Design  
201 East Second Street, Suite 200  
Dyersville, Iowa 52040  
Phone: 515-285-2444

ACoustical  
RDG Planning & Design  
201 East Second Street, Suite 200  
Dyersville, Iowa 52040  
Phone: 515-285-2444

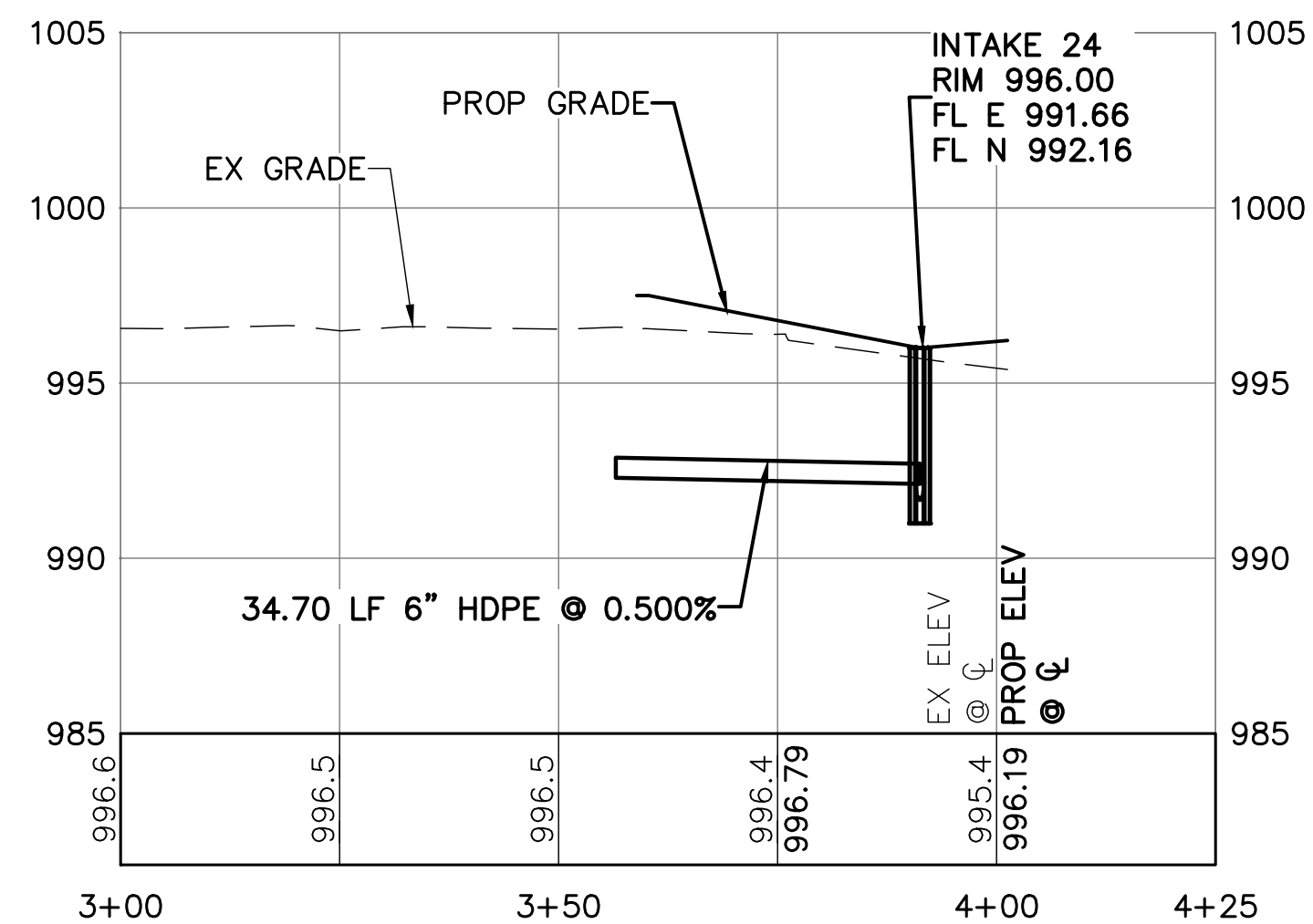
CMAR  
RDG Planning & Design  
201 East Second Street, Suite 200  
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Phone: 515-285-2444

FPPIET  
RDG Planning & Design  
201 East Second Street, Suite 200  
Dyersville, Iowa 52040  
Phone: 515-285-2444

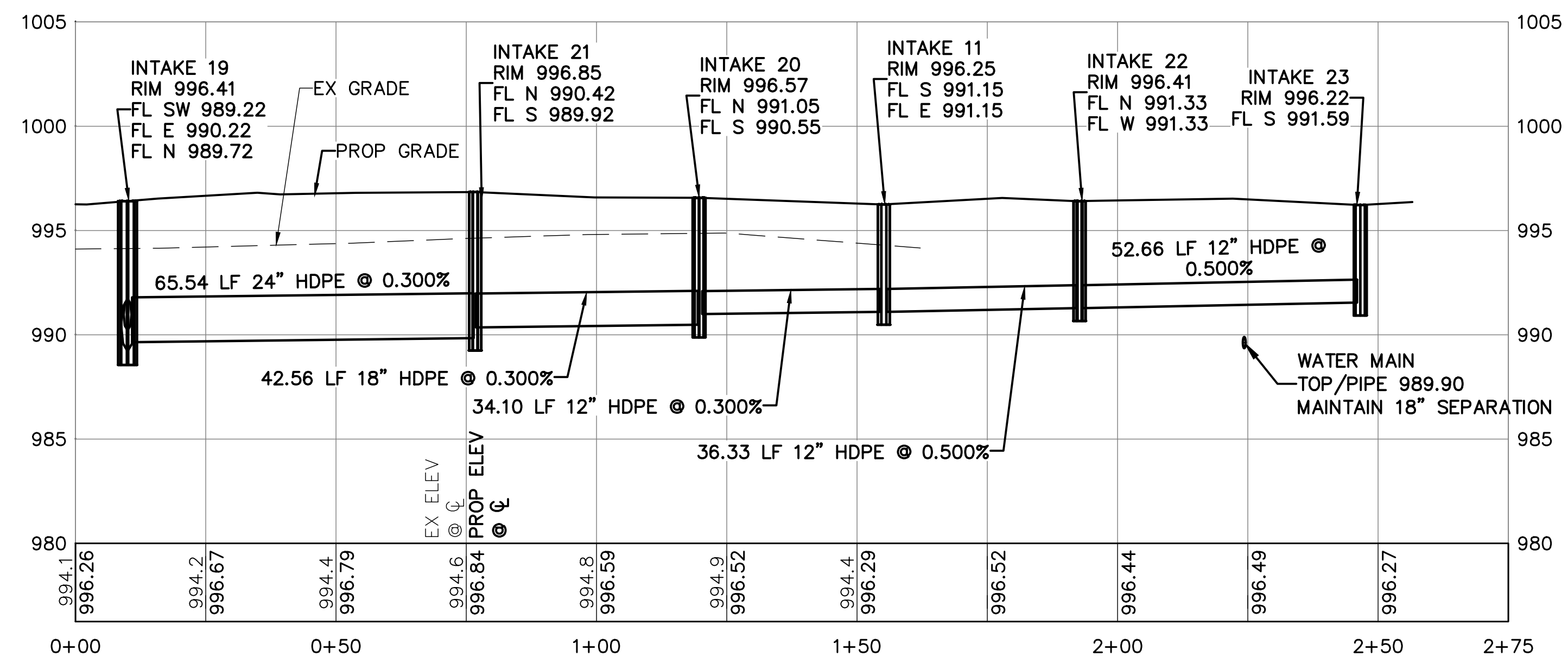




STORM IN PROFILE APART  
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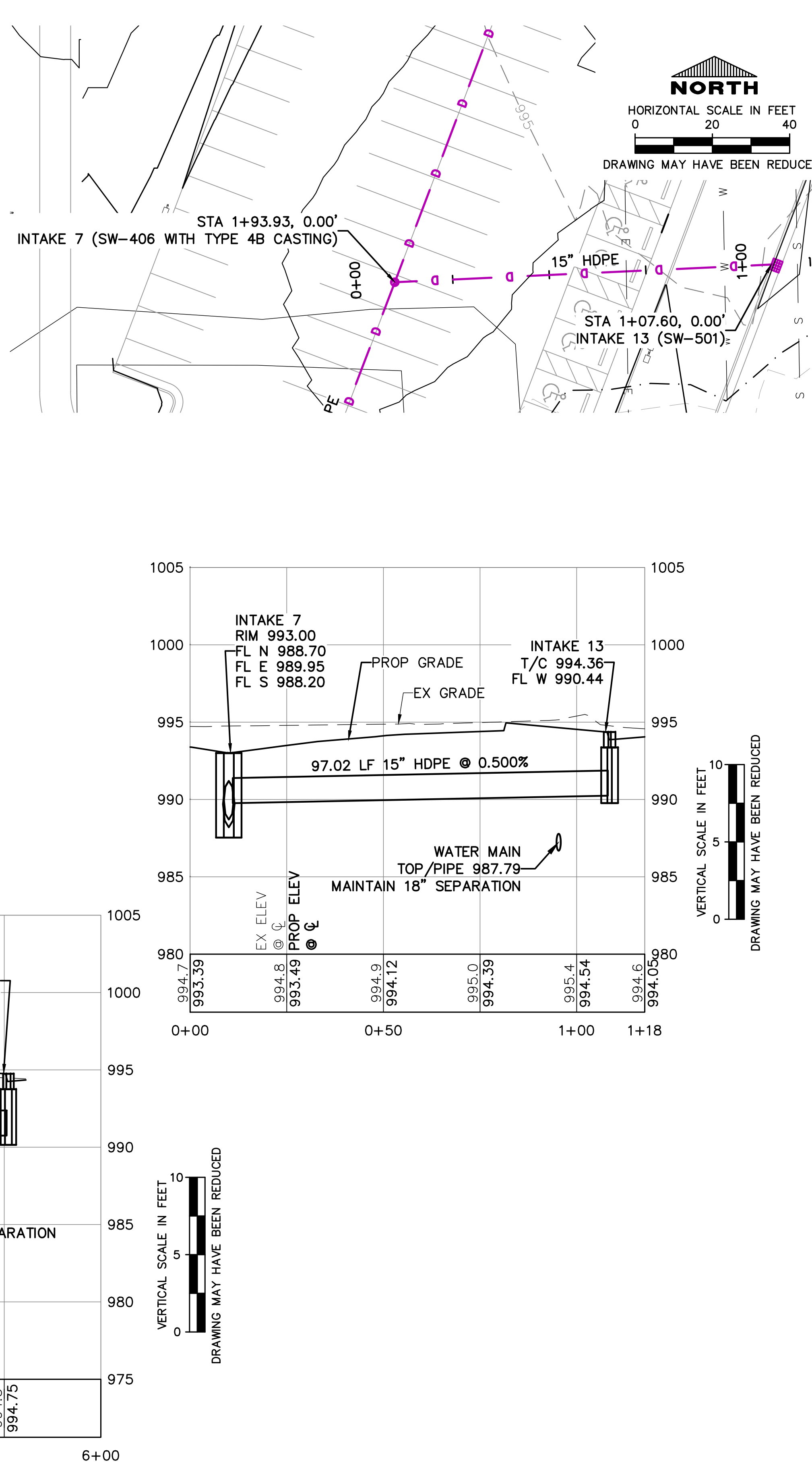
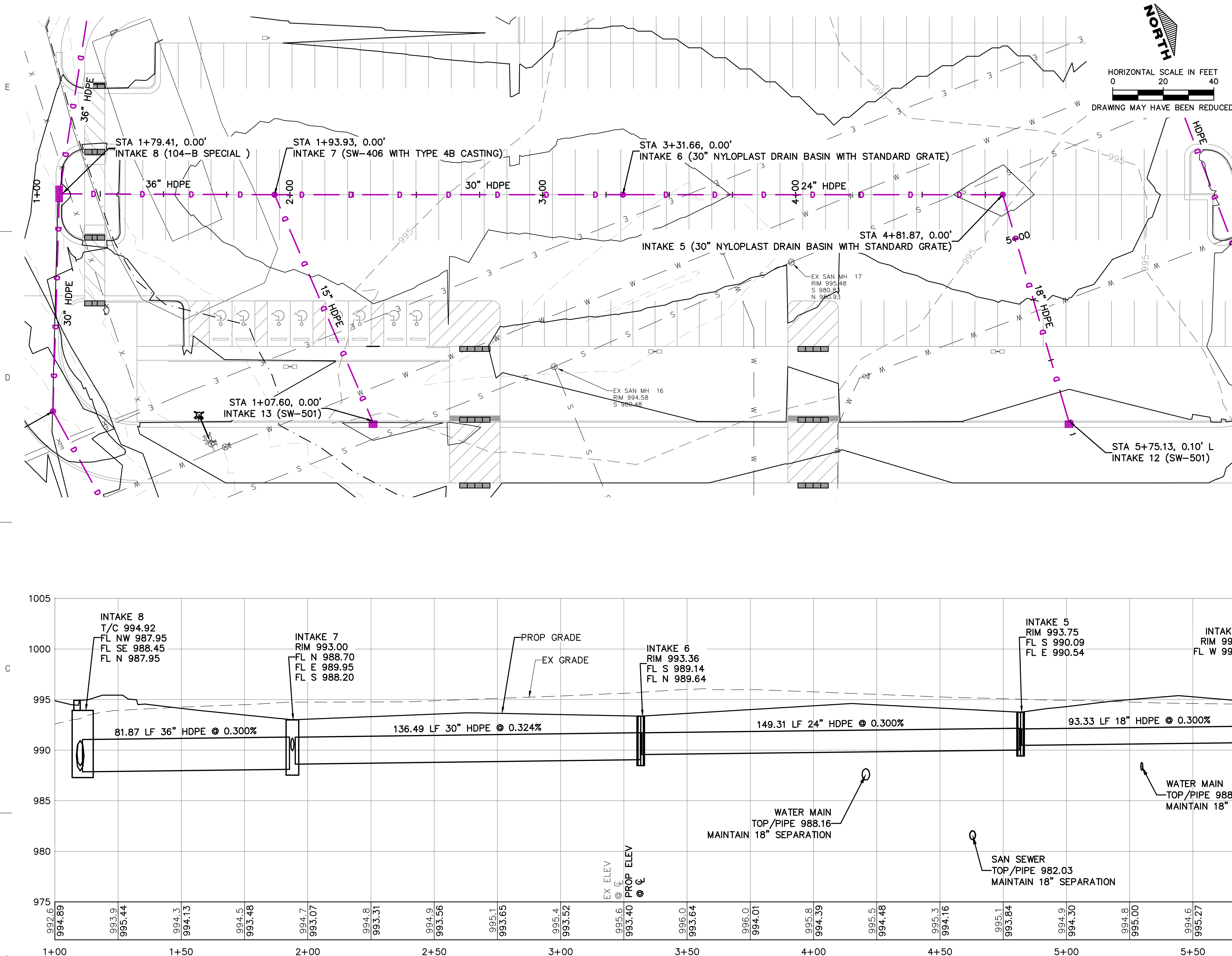


STORM IN PROFILE APART  
OF BID ALTERNATE 1.



VERTICAL SCALE IN FEET  
0 5 10  
DRAWING MAY HAVE BEEN REDUCED





FIELD OF DREAMS MOVIE SITE PROFESSIONAL BALLPARK

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BID PACKAGE 01

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28995 LANSING RD  
DYERSVILLE, IA 52040

STORM PLAN  
& PROFILE  
C07.17

RDG  
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PLANNING • DESIGN

ARCHITECT

LANDSCAPE ARCH

CIVIL

IRRIGATION

STRUCTURAL

FP/PIET

RDG Planning & Design  
201 Grand Avenue, Suite 200  
Dyersville, Iowa 52009  
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Dyersville, Iowa 52009  
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Dyersville, Iowa 52009  
Phone: 515-285-5141

RDG Planning & Design  
201 Grand Avenue, Suite 200  
Dyersville, Iowa 52009  
Phone: 515-285-5141

KEY PLAN

DATE

PROJECT NO.

ISSUANCE

03/20/23

03/20/23

R3005.232.04

03/20/23

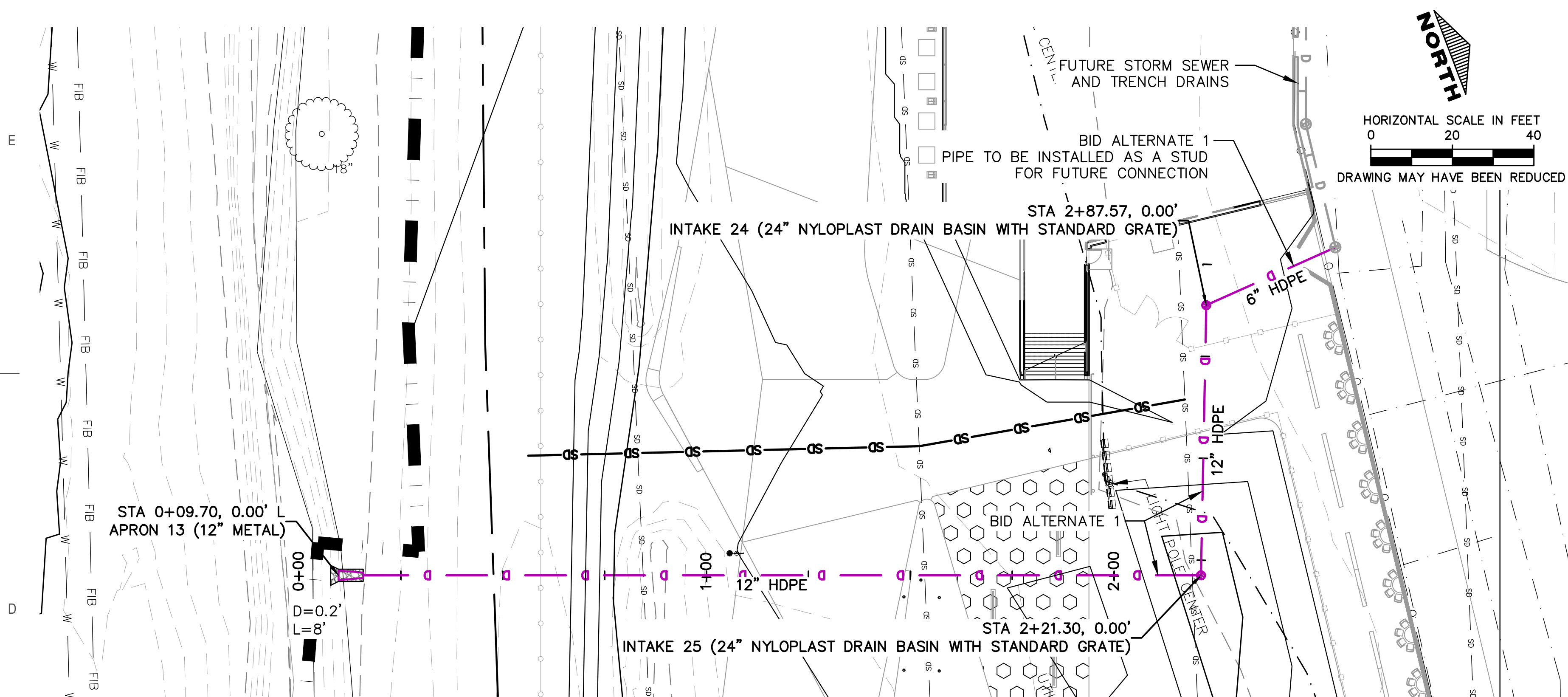
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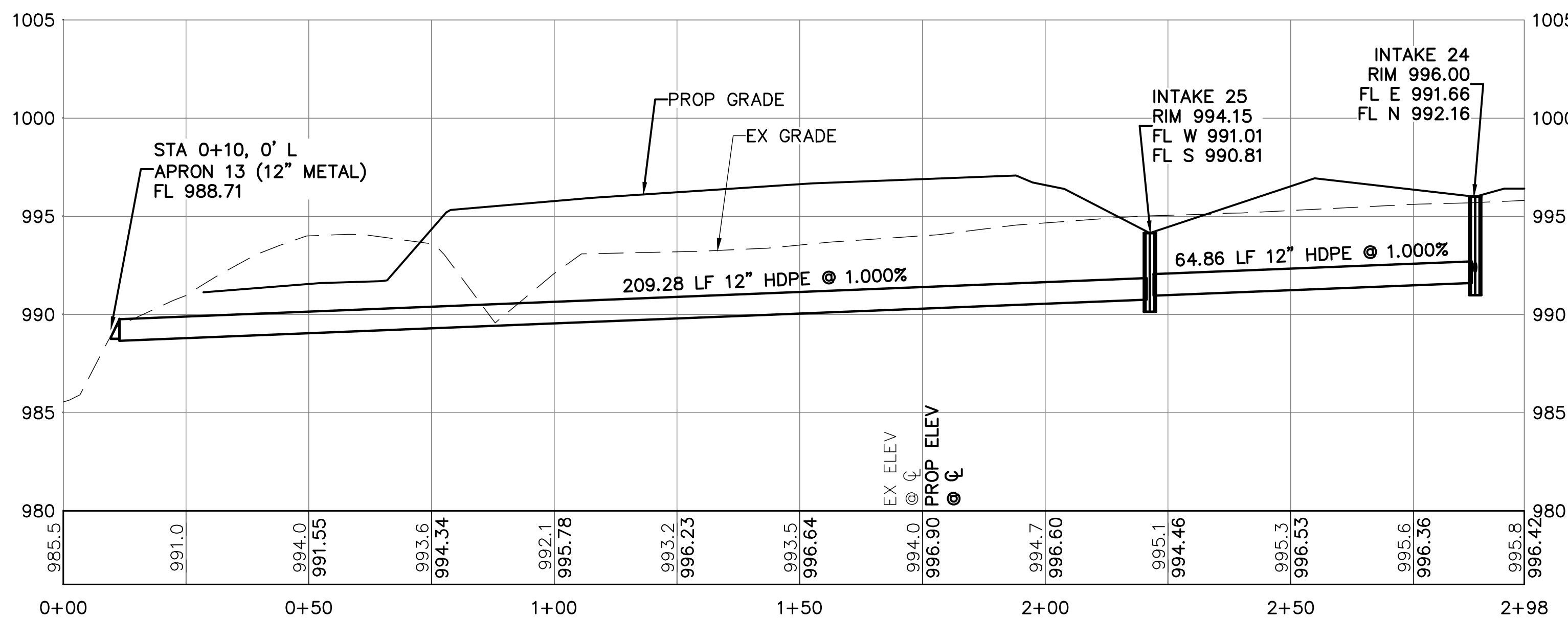
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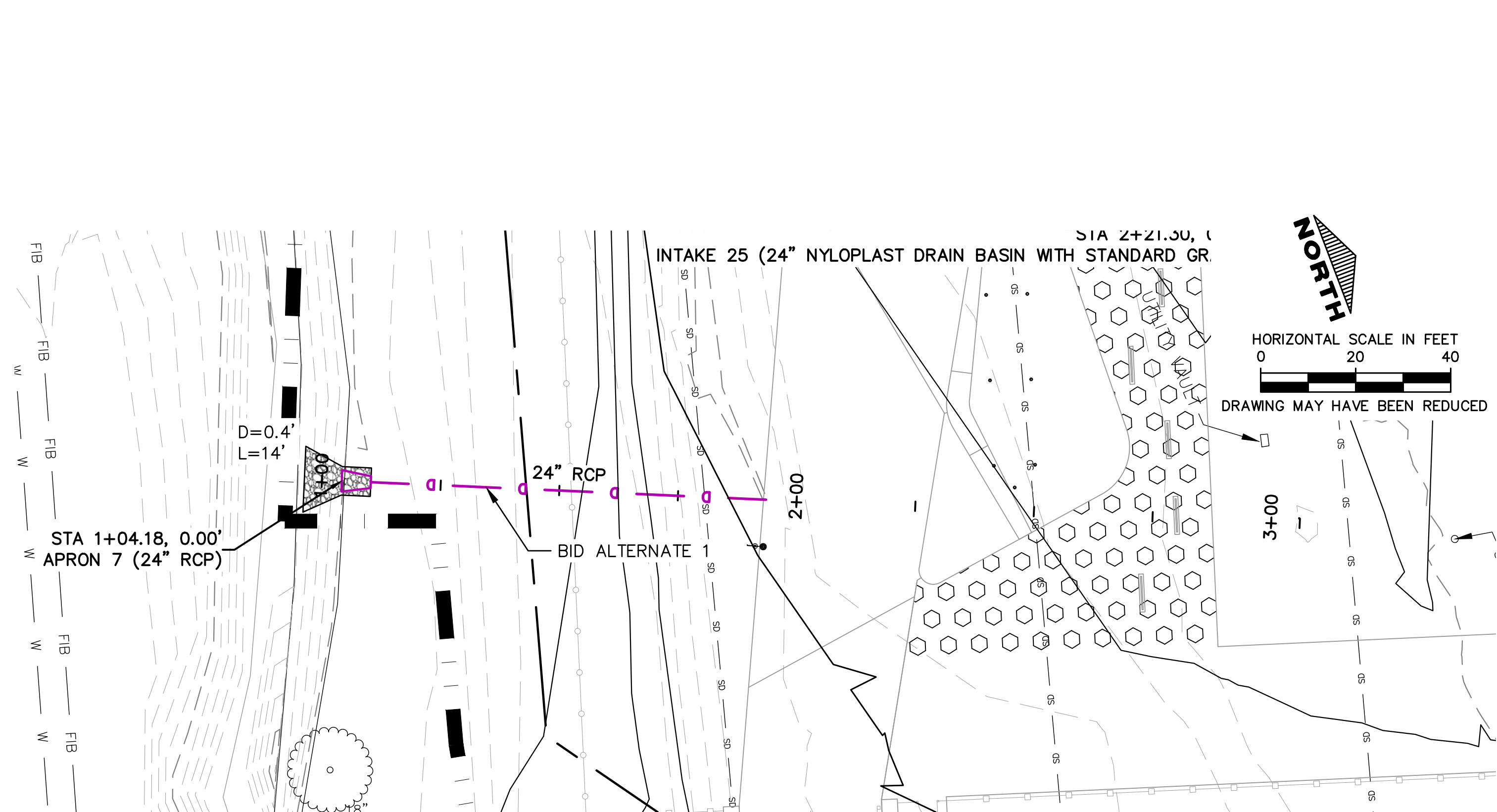




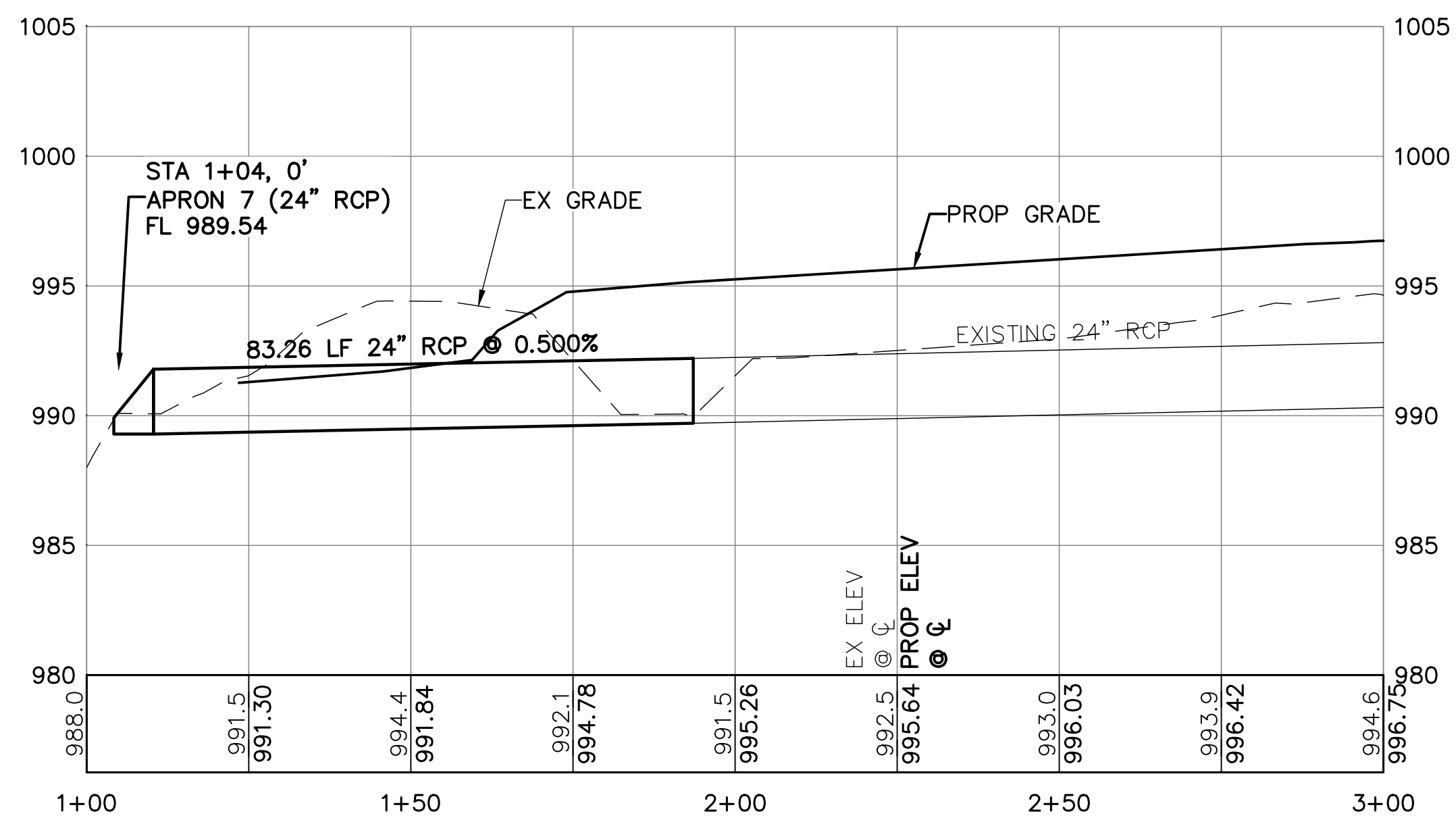
STORM IN PROFILE APART  
OF BID ALTERNATE 1.



VERTICAL SCALE IN FEET  
10  
5  
0  
DRAWING MAY HAVE BEEN REDUCED



STORM IN PROFILE APART  
OF BID ALTERNATE 1.



VERTICAL SCALE IN FEET  
10  
5  
0  
DRAWING MAY HAVE BEEN REDUCED

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**CITY OF DYERSVILLE**  
28995 LANSING RD  
DYERSVILLE, IA 52040

**STORM PLAN  
& PROFILE**

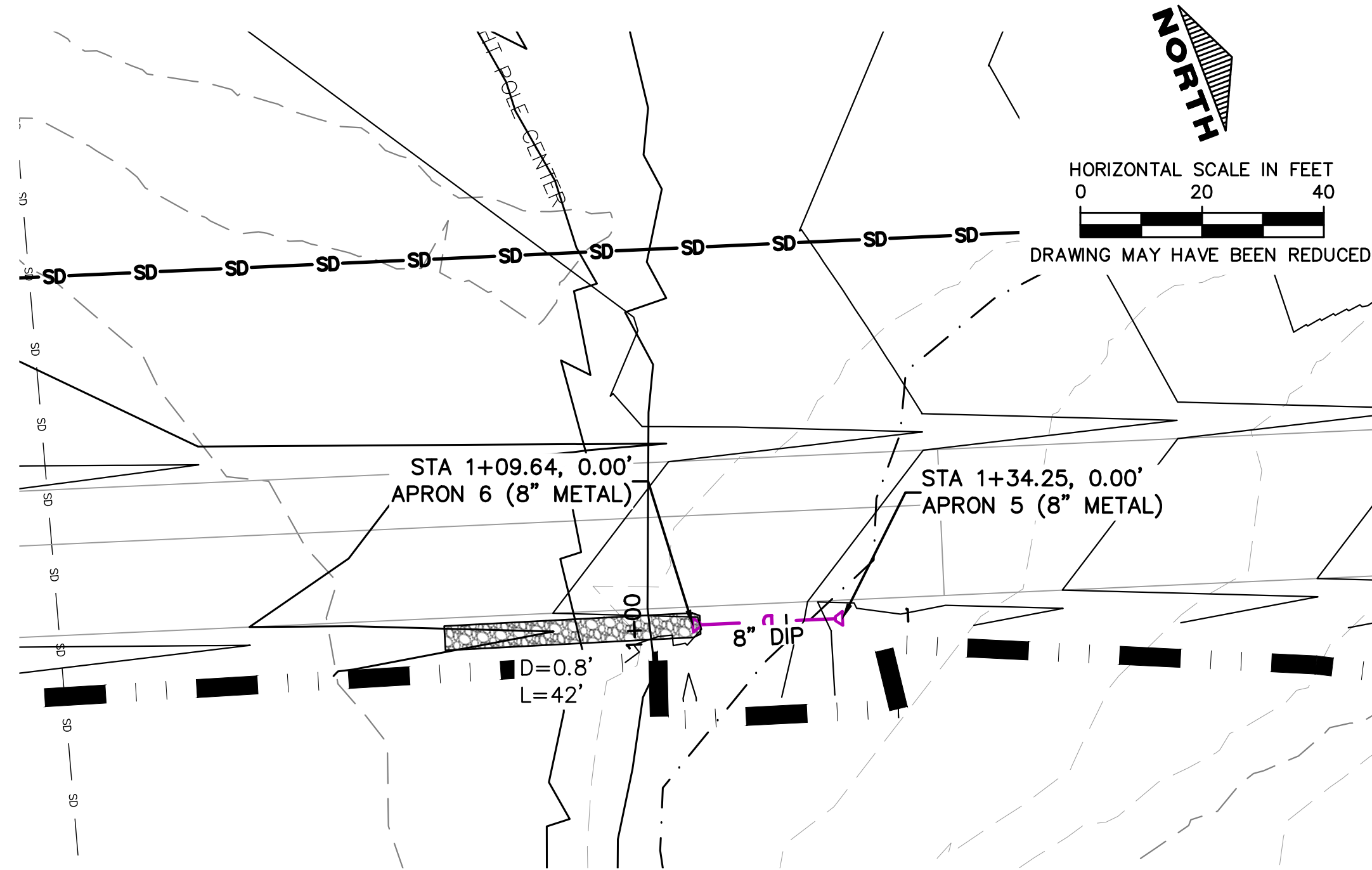
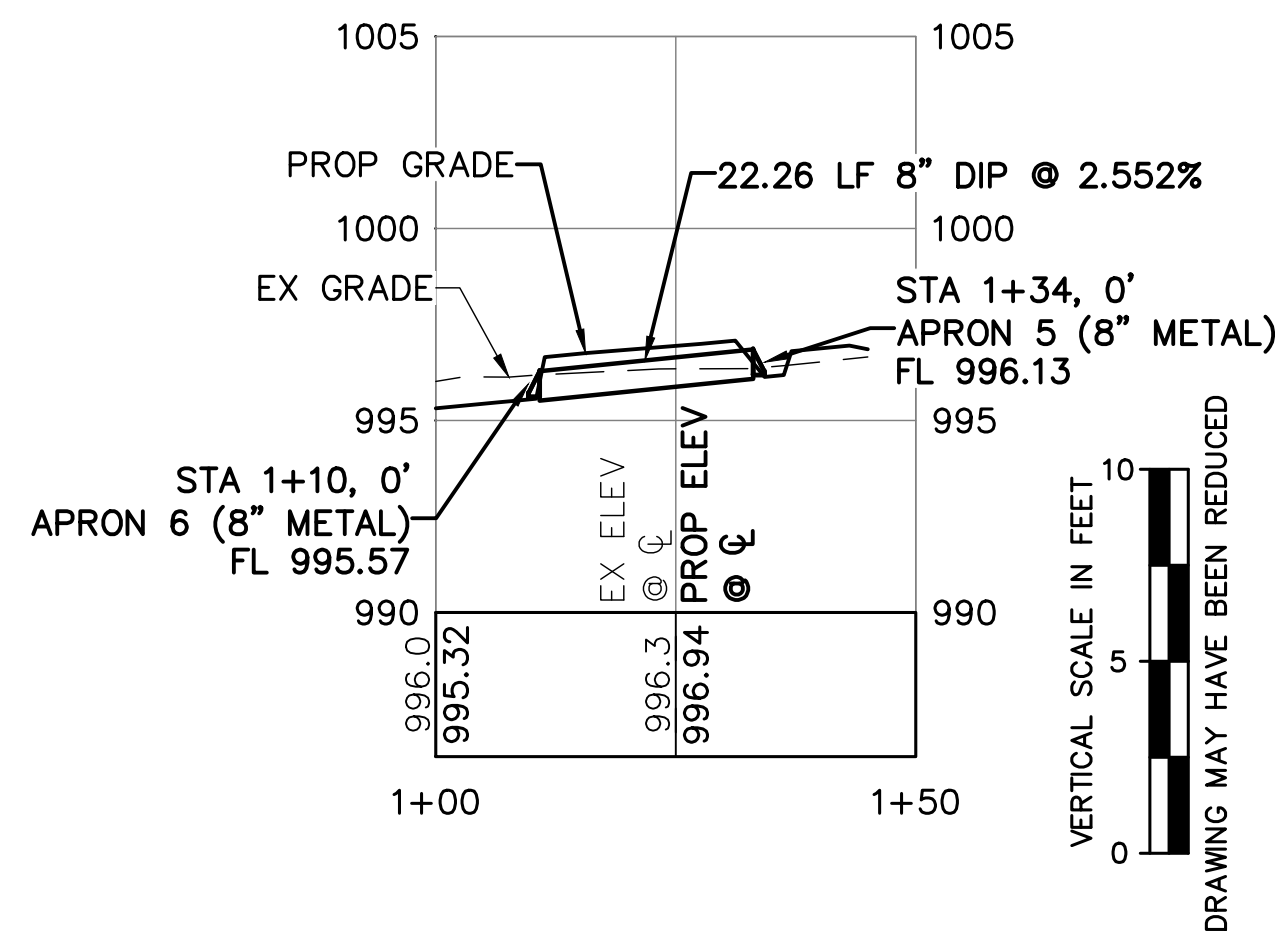
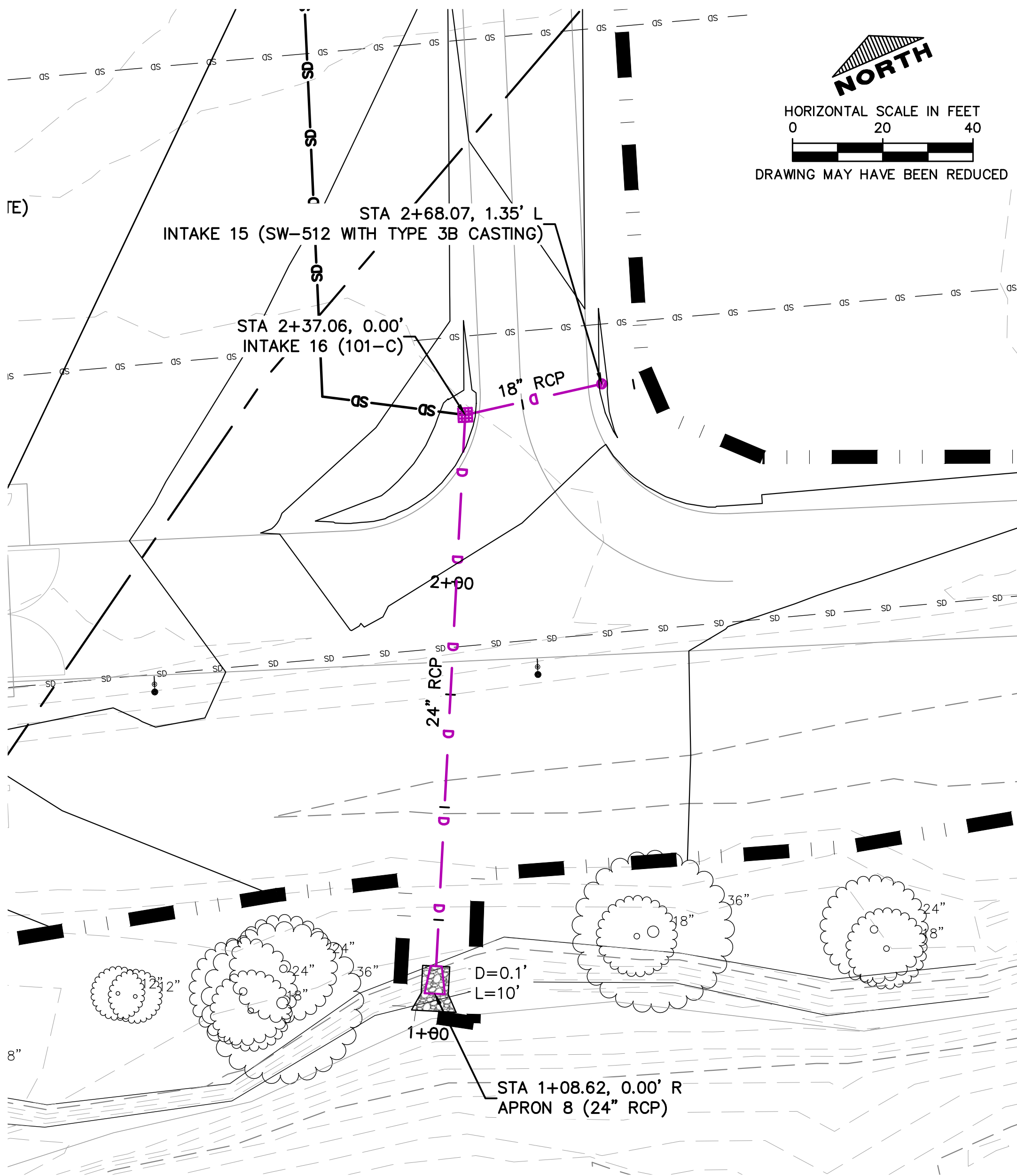
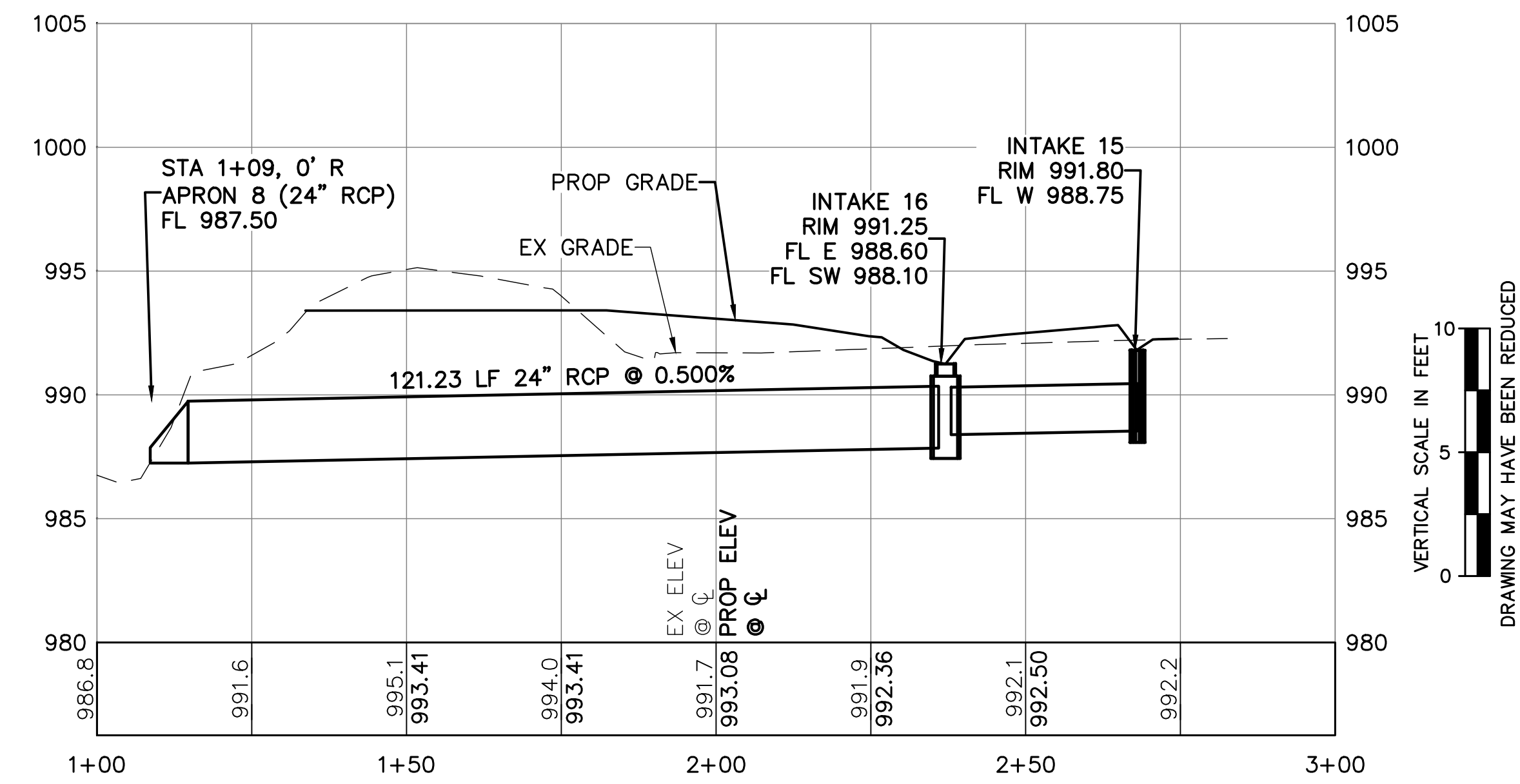
**C07.18**

ARCHITECT	LANDSCAPE ARCH	CIVIL	IRRIGATION	STRUCTURAL	FPPI/NET
RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 100 Des Moines, Iowa 50309 Phone: 515-286-5141	RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 100 Des Moines, Iowa 50309 Phone: 515-286-5141	RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 100 Des Moines, Iowa 50309 Phone: 515-286-5141	RDG Design Group RDG Design Group 197 South University Street Des Moines, Iowa 50309 Phone: 515-286-5141	White & Associates, Inc. White & Associates, Inc. 201 East Kennedy Boulevard, Suite 200 Des Moines, Iowa 50309 Phone: 515-286-5141	Heideman Engineers, Inc. Heideman Engineers, Inc. 8441 Leavenworth Drive, Suite 300 Des Moines, Iowa 50309 Phone: 515-286-5141

**RDG**  
PLANNING • DESIGN

Item 17





ARCHITECT	LANDSCAPE ARCH	CIVIL	IRRIGATION	STRUCTURAL	FPPI/NET
RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 200 Des Moines, Iowa 50309 Phone: 515-285-1441	RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 200 Des Moines, Iowa 50309 Phone: 515-285-1441	RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 200 Des Moines, Iowa 50309 Phone: 515-285-1441	RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 200 Des Moines, Iowa 50309 Phone: 515-285-1441	White P. Moore and Assoc., Inc. 201 East Kentucky Boulevard, Suite 200 Des Moines, Iowa 50309 Phone: 683-221-2424	Heideman Engineers, Inc. 8440 Leavenworth Drive, Suite 300 Des Moines, Iowa 50309 Phone: 915-742-5000
AV / BROADCAST	FOOD & BEVERAGE	ACQUISITION	CMAR		
RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 200 Des Moines, Iowa 50309 Phone: 515-285-1441	RDG Planning & Design RDG Planning & Design 201 Grand Avenue, Suite 200 Des Moines, Iowa 50309 Phone: 515-285-1441	Heideman Engineers, Inc. 8440 Leavenworth Drive, Suite 300 Des Moines, Iowa 50309 Phone: 915-742-5000	Micro Construction Co., Inc. 235-F Fifth Street SW Des Moines, Iowa 50309 Phone: 319-598-6200		



