

#### TOWN COUNCIL REGULAR MEETING AGENDA

January 16, 2024 at 6:00 PM

Town Hall - 1941 E. Jeter Road, Bartonville, TX 76226

#### A. CALL MEETING TO ORDER

#### **B. CLOSED SESSION**

Pursuant to the Open Meetings Act, Chapter 551, the Town Council will meet in a Closed Executive Session in accordance with the Texas Government Code.

1. Section 551.074 Personnel Matters to deliberate and consider the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee, to wit: Chief of Police.

#### C. RECONVENE OPEN MEETING

The Town Council to reconvene into an open meeting and consider action, if any, on items discussed in closed session.

#### D. PLEDGE OF ALLEGIANCE

#### E. PUBLIC PARTICIPATION

If you wish to address the Council, please fill out a "Public Meeting Appearance Card" and present it to the Town Secretary, preferably before the meeting begins. Pursuant to Section 551.007 of the Texas Government Code, citizens wishing to address the Council for items listed as public hearings will be recognized when the public hearing is opened. For citizens wishing to speak on a non-public hearing item, they may either address the Council during the Citizen Comments portion of the meeting or when the item is considered by the Town Council.

#### F. PROCLAMATION

1. Proclamation of Appreciation to Interim Chief of Police Wendell Mitchell.

#### G. APPOINTED REPRESENTATIVE/LIAISON REPORTS

- 1. Upper Trinity Regional Water District Report.
- 2. Denton County Emergency Services District #1.
- 3. Police Department Statistics/Activities December 2023.
- 4. Town Administrator December 2023 Reports: Financial including quarterly investment report, Animal Control, Code Enforcement, Engineering, Municipal Court, Permits, and Board Member Attendance.
- 5. 2023 Traffic Study

#### H. CONSENT AGENDA

This agenda consists of non-controversial, or "housekeeping" items required by law. Items may be approved with a single motion. Items may be removed from the Consent Agenda by any Councilmember by making such request prior to a motion and vote on the Consent Agenda.

- 1. Consider approval of the December 19, 2023, Regular Meeting Minutes.
- 2. Discuss and consider approval of a Resolution of the Town Council of the Town of Bartonville ordering a General Election to be held on May 4, 2024, for the purpose of electing one Mayor and two Council Members Place 2 and 4, for two-year terms each; providing for a joint services contract with Denton County and authorizing the Town Administrator to execute the joint services contract on behalf of the Town.

#### I. PUBLIC HEARINGS AND REGULAR ITEMS

- 1. Conduct a Public Hearing and consider an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through and approving an accompanying Site Plan on a 1.34-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas. The subject property is located west of the intersection of Justin Road and E Jeter Road, in Bartonville, Texas. The applicant is Jennifer Gansert of Kimley-Horn and Associates, Inc. on behalf of Andy's Frozen Custard. [Town File #CUP-2023-006 and SP-2023-003]. (The Planning & Zoning Commission recommended approval, with conditions, by a vote of 5-0 at its January 3, 2024, meeting.)
- 2. Conduct a Public Hearing and consider an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through and approving an accompanying Site Plan on a 0.75-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas. The subject property is located west of the intersection of Justin Road and E Jeter Road, in Bartonville, Texas. The applicant is Rama Madanat of Bowman Engineering & Consulting, Inc. on behalf of Swig Bartonville. [Town File #CUP-2023-007 and SP-2023-004]. (The Planning & Zoning Commission recommended approval, with conditions, by a vote of 5-0 at its January 3, 2024, meeting.)
- 3. Discuss and consider approval of a Resolution appointing new member(s) to the Bartonville Crime Control and Prevention District.

#### J. CLOSED SESSION

Pursuant to the Open Meetings Act, Chapter 551, the Town Council will meet in a Closed Executive Session in accordance with the Texas Government Code.

 Section 551.071 Consultation with Town Attorney to seek legal advice of its attorney concerning pending or contemplated litigation regarding the sanitary sewer nuisance at 1287 Gibbons Road, Town of Bartonville, Texas v. Paula Harvey, Cause No. 23-11429-467 pending in the 467th District Court of Denton County, Texas.

#### K. RECONVENE OPEN MEETING

The Town Council to reconvene into an open meeting and consider action, if any, on items discussed in closed session.

#### L. FUTURE ITEMS

#### **M. ADJOURNMENT**

The Town Council reserves the right to adjourn into a closed meeting or executive session as authorized by Texas Government Code, Sections 551.001, et seq. (the Texas Open Meetings Act) on any item on its open meeting agenda in accordance with the Texas Open Meetings Act, including, without limitation Sections 551.071-551.088 of the Texas Open Meetings Act. Any final action, decision, or vote on a matter deliberated in a closed meeting will only be taken in an open meeting that is held in compliance with Texas Government Code, Chapter 551.

#### CERTIFICATION

I hereby certify that this Notice of Meeting was posted on the Town Website, and on the bulletin board, at Town Hall of the Town of Bartonville, Texas, a place convenient and readily accessible to the public at all times. Said Notice was posted on the following date and time; and remained posted continuously prior to the scheduled time of said meeting and shall remain posted until meeting is adjourned.

/s/ Shannon Montgomery, Town Secretary

Posted: Friday, January 12, 2024 prior to 5:00 pm.

Agenda Removed from Town of Bartonville Bulletin Board on:

By: \_\_\_\_\_, Title: \_\_\_\_\_



# TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

**AGENDA ITEM:** Proclamation of Appreciation to Interim Chief of Police Wendell Mitchell.

# Office of the Mayor



September 25, 2023 – January 16, 2024

**WHEREAS** Jaclyn Carrington, Mayor of the Town of Bartonville, on behalf of the Town Council, wishes to express the Town's sincere appreciation to Wendell Mitchell for invaluable service to the Town of Bartonville in his capacity as Interim Chief of Police; and

**WHEREAS** Chief Mitchell was hired to lead the Town of Bartonville Police Department in the absence of a Chief; and

WHEREAS Chief Wendell Mitchell served with distinction and honor; and

**WHEREAS** Chief Mitchell's dedication has been instrumental to the enhanced welfare of the Town of Bartonville citizens; and

**WHEREAS** Chief Mitchell has been an invaluable asset to the hiring of a permanent Chief of Police; and

**NOW, THEREFORE,** I, Jaclyn Carrington, Mayor of the Town of Bartonville, Texas, and on behalf of the Mayor and the Town Council, do hereby proclaim, Tuesday, January 16, 2024, as,

### "CHIEF WENDELL MITCHELL DAY"

in the Town of Bartonville and call upon the appreciation of all our citizens.

**PROCLAIMED AND SIGNED** on this the 16th day of January 2024.

Jaclyn Carrington, MAYOR



# TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

FROM: Ricky Vaughan, Fire Chief, Denton County ESD No. 1

AGENDA ITEM: Denton County Emergency Services District #1 Monthly Report

#### SUMMARY:

Department Statistics/Activities Update.

#### ATTACHMENTS:

Monthly Report

# Denton County ESD No. 1

# **Monthly Report**



# **Monthly Activity Report**

**DECEMBER 2023** 



#### **DECEMBER 2023**

# **Table of Contents**

Basic Analytics	Page
DCESD 1 Personnel	3
Incident Counts	4-5
Municipality Volume	6
Response Times – 90 <sup>th</sup> Percentile and Average Response Times	7
Community Outreach Events & Fire Inspection Reports & Training Division	8



## **DCESD1** Personnel

#### **Operations**

	Total 56
Injuries/light duty/inactive	2
Part-Time Employees (active)	16
Full-Time Firefighters (active)	20
Apparatus Operators (Engineers)	9
Captains	9

#### **Fire Administration**

	1
	1
	1
	1
	1
Total _	5
	Total

# Department Paid Total61Department Total65

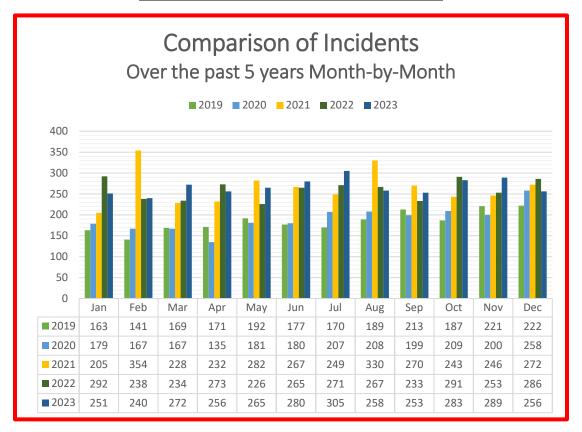
Sworn Staff	59
Civilians	2
Operational Volunteers	2



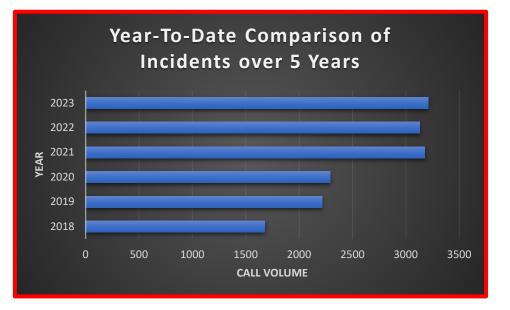
#### **Denton County ESD No. 1**

DECEMBER 2023

## **DCESD Total Incident Count**



#### Year-to-Date Totals



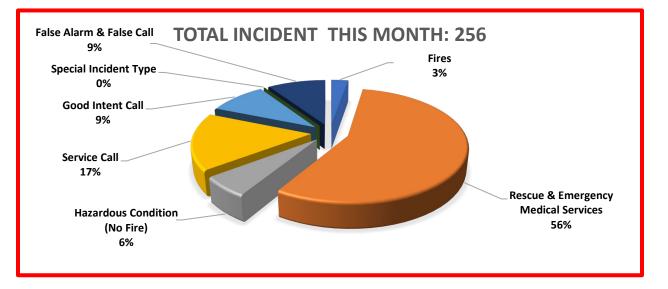
DCESD	YTD
2018	1680
2019	2215
2020	2290
2021	3178
2022	3129
2023	3208



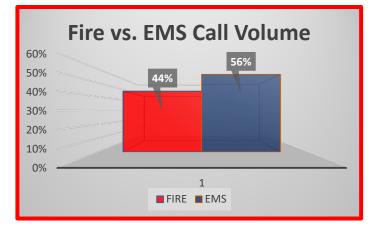
## **Denton County ESD No. 1**

#### **DECEMBER 2023**

## **INCIDENT STATISTICS**



Major Incident Types		
Fires	7	
Rescue & Emergency Medical Services	144	
Overpressure rupture, explosion – no fire	0	
Hazardous Condition (No Fire)	15	
Service Call	42	
Good Intent Call	24	
False Alarm & False Call	24	
Severe Weather & Natural Disaster	0	
Special Incident	0	



### **Percentage of Overlapping Calls**

<b>Overlapping Calls</b>					
# OVERLAPPING	% OVERLAPPING				
56	22%				



			NA, 3	8, 15%		17%	
16% CORRAL CITY, 3, 1% COPPER CANYON, 11,			NOR	THLAK	(E, 4 <b>2</b> ,	17%	
BARIONVILLE, 14, 6%	16% CORRAL CITY, 3, 1%						
INCIDENT TYPE	ARGYLE	BARTONVILLE	COPPER CANYON	CORRAL CITY	LANTANA	NORTHLAKE	UNNICORPORATED
111 - Building fire	1					1	1
131 - Passenger vehicle fire	1						1
142 - Brush or brush-and-grass mixture fire						1	
154 - Dumpster or other outside trash receptacle fire		1					
311 - Medical assist, assist EMS crew							1
321 - EMS call, excluding vehicle accident with injury	19	3	5	3	22	20	24
322 - Motor vehicle accident with injuries	1		1			1	4
324 - Motor vehicle accident with no injuries.	2	2	1			2	3
411 - Gasoline or other flammable liquid spill							1
412 - Gas leak (natural gas or LPG)			2			3	2
413 - Oil or other combustible liquid spill	1						1
444 - Power line down	1					1	
445 - Arcing, shorted electrical equipment	1						
480 - Attempted burning, illegal action, other	2						
500 - Service Call, other					1	2	
511 - Lock-out	2	1			1		1
512 - Ring or jewelry removal					1		1
522 - Water or steam leak	1						
553 - Public service						1	
531 - Smoke or oder removal					1		
550 - Public service assistance, other					1		
551 - Assist police or other governmental agency					1		1
552 - Police matter	1	1					
553 - Public service					1		4
JJJ - FUDIIC SELVICE	1				3		3
555 - Fublic service 554 - Assist invalid							
		1		-	1	1	6
554 - Assist invalid	3	1	1		1		
554 - Assist invalid 561 - Unauthorized burning	3	1	1		-		2
554 - Assist invalid 561 - Unauthorized burning 511 - Dispatched & cancelled en route	-	1	1		2		2
554 - Assist invalid 561 - Unauthorized burning 611 - Dispatched & cancelled en route 622 - No incident found on arrival at dispatch address 651 - Smoke scare, odor of smoke 700 - False alarm or false call, other	4	1	1				2
554 - Assist invalid 561 - Unauthorized burning 611 - Dispatched & cancelled en route 622 - No incident found on arrival at dispatch address 651 - Smoke scare, odor of smoke 700 - False alarm or false call, other 733 - Smoke detector activation due to malfunction	4		1		2	5	2
554 - Assist invalid 561 - Unauthorized burning 511 - Dispatched & cancelled en route 522 - No incident found on arrival at dispatch address 551 - Smoke scare, odor of smoke 700 - False alarm or false call, other 733 - Smoke detector activation due to malfunction 735 - Alarm system sounded due to malfunction	4	1	1		2	5	
554 - Assist invalid 561 - Unauthorized burning 511 - Dispatched & cancelled en route 522 - No incident found on arrival at dispatch address 551 - Smoke scare, odor of smoke 700 - False alarm or false call, other 733 - Smoke detector activation due to malfunction 735 - Alarm system sounded due to malfunction 740 - Unintentional transmission of alarm, other	4	1	1		2		2
554 - Assist invalid 561 - Unauthorized burning 511 - Dispatched & cancelled en route 522 - No incident found on arrival at dispatch address 551 - Smoke scare, odor of smoke 700 - False alarm or false call, other 733 - Smoke detector activation due to malfunction 735 - Alarm system sounded due to malfunction 740 - Unintentional transmission of alarm, other 742 - Extinguishing system activation	4	1			2	1	1
<ul> <li>554 - Assist invalid</li> <li>561 - Unauthorized burning</li> <li>5611 - Dispatched &amp; cancelled en route</li> <li>622 - No incident found on arrival at dispatch address</li> <li>6551 - Smoke scare, odor of smoke</li> <li>700 - False alarm or false call, other</li> <li>733 - Smoke detector activation due to malfunction</li> <li>735 - Alarm system sounded due to malfunction</li> <li>740 - Unintentional transmission of alarm, other</li> <li>742 - Extinguishing system activation</li> <li>743 - Smoke detector activation, no fire - unintentional</li> </ul>	4 1 1 1	1	1		2 2	1	
554 - Assist invalid 561 - Unauthorized burning 511 - Dispatched & cancelled en route 522 - No incident found on arrival at dispatch address 551 - Smoke scare, odor of smoke 700 - False alarm or false call, other 733 - Smoke detector activation due to malfunction 735 - Alarm system sounded due to malfunction 740 - Unintentional transmission of alarm, other 742 - Extinguishing system activation	4	1			2	1	1



Item G2.

#### **Incident Response Times**

#### 90th Percentile Assessment

Lights and Sirens – 90 <sup>TH</sup> Percentile Time (Dispatch to Arrival)		
Overall	10:06	
FIRE	8:56	
EMS	10:48	

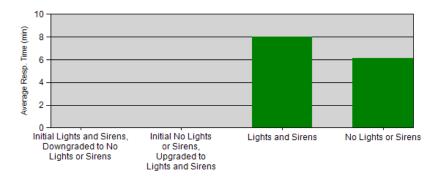
**Internal Compliance Goal:** Less than 8-minute response time from dispatch to first unit on arrival time. Assessment is performed by taking the total number of incidents where lights and sirens were utilized while responding to the incident.

NFPA 1710 Response Recommendations: Key performance objectives for...

**<u>FIRE Response</u>**: (bunker gear required)

- 1. Turnout time: < 80 seconds (1 minute: 20 seconds)
- 2. First Unit on scene: < 240 seconds (4 minutes)
- **EMS Response**: (no bunker gear required)
  - 1. Turnout time: < 60 seconds (1 minute)
  - 2. First Unit on scene: < 240 seconds (4 minutes)

## **Average Response and Turnout Time Assessment**



RESPONSE MODE	TOTAL RESPONDING UNITS	AVERAGE RESPONSE TIME (minutes)
Initial Lights and Sirens, Downgraded to No Lights or Sirens	0	0
Initial No Lights or Sirens, Upgraded to Lights and Sirens	0	0
Lights and Sirens	393	8.04
No Lights or Sirens	26	6.12



## **Public Education**

#### **<u>Community Outreach Events</u>**

Fire Station Tours	5
Public Education Events	19
SANTA DRIVES	10
Community CPR Classes	0
- Total CPR Students	0
т	otal Events 34

#### **Training Division**

Tot	al ISO Training Hours Logged / Month	1153
-	EMS Training Hours Logged / Month	103
-	FIRE Training Hours Logged / Month	1014
-	Administrative Training / Month	36

## **Fire Inspection Report**

OCCUPANCY	COUNT	
INSPECTION TYPE: Certificate of Occupancy		
Business Office	2	
Medical/Denton Office	1	
Salon	1	
INSPECTION TYPE: Complaint		
Intermediate School	1	
INSPECTION TYPE: Fire Protection System Inspection		
Business Office	1	
Medical/Denton Office	1	
Single Family Residence	13	
INSPECTION TYPE: Reinspection		
Medical/Denton Office	1	
Mercantile	1	
Total # of Inspections:	22	

## **<u>Year-To-Date Fire Inspection Report</u>**

	YTD 2023	YTD 2022
Total # of Inspections:	386	288

# Denton County ESD No. 1

# **Annual Report**



### **Year End Activity Report**

<u>2023</u>



# **Denton County ESD No. 1**

2023

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2023

## **DCESD1** Personnel

#### **Operations**

	Total	56
Injuries/light duty/inactive		2
Part-Time Employees (active)		16
Full-Time Firefighters (active)		20
Apparatus Operators (Engineers)		9
Captains		9

#### **Fire Administration**

	1
	1
	1
	1
	1
Total _	5
	Total _

# Department Paid Total61Department Total65

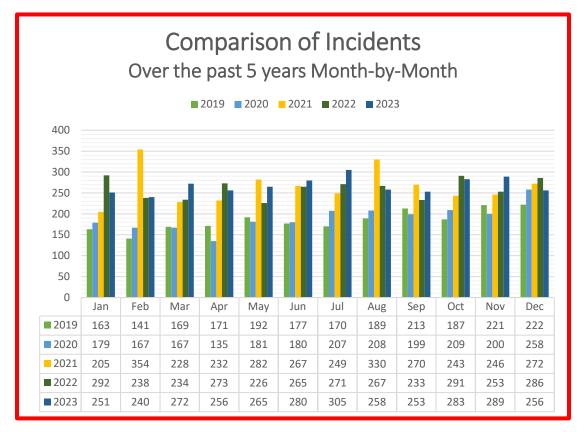
Sworn Staff	59
Civilians	2
Operational Volunteers	2



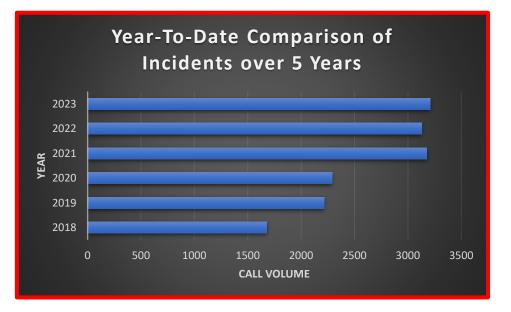
#### **Denton County ESD No. 1**

2023

### **DCESD Total Incident Count**



#### **Trending Annual Totals**



DCESD	YTD
2018	1680
2019	2215
2020	2290
2021	3178
2022	3129
2023	3208

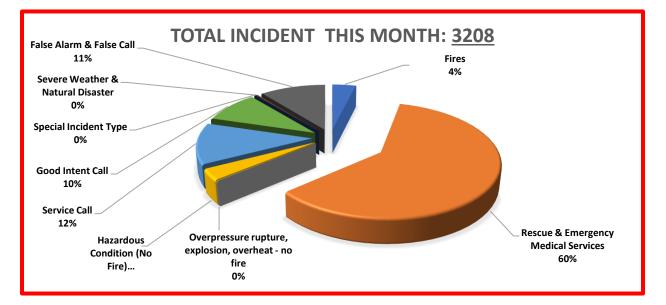
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## **Denton County ESD No. 1**

2023

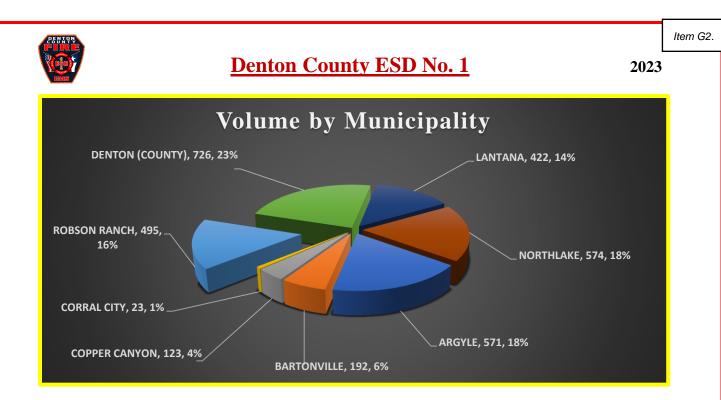
#### **INCIDENT STATISTICS**



Major Incident Types			Fire vs.	EMS	<b>Call Volume</b>	5
Fires	123	70%				
Rescue & Emergency Medical Services	1935	60%			60%	
Overpressure rupture, explosion – no fire	3	50%		39%		
Hazardous Condition (No Fire)	106	40%				
Service Call	392	30% 20%				
Good Intent Call	298	10%				
False Alarm & False Call	340	0%				
Severe Weather & Natural Disaster	4				1	
Special Incident	7			FIRE	EMS	

## **Percentage of Overlapping Calls**

Overlapping Calls		
# OVERLAPPING % OVERLAPPING		
1005	31.47%	



Volume per Municipality			
MUNICIPALITY # INCIDENTS			
ARGYLE	571		
BARTONVILLE 192			
COPPER CANYON 123			
CORRAL CITY 23			
ROBSON RANCH 495			
DENTON (COUNTY) 726			
LANTANA	422		
NORTHLAKE 574			



Item G2.

#### **Incident Response Times**

#### 2023 90th Percentile Assessment

Lights and Sirens – 90 <sup>TH</sup> Percentile Time (Dispatch to Arrival)		
Overall	10:49	
FIRE	11:24	
EMS	10:26	

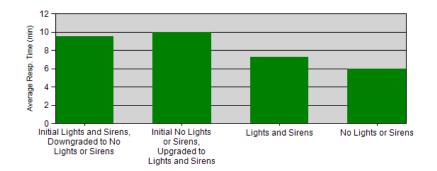
**Internal Compliance Goal:** Less than 8-minute response time from dispatch to first unit on arrival time. Assessment is performed by taking the total number of incidents where lights and sirens were utilized while responding to the incident.

NFPA 1710 Response Recommendations: Key performance objectives for...

**<u>FIRE Response</u>**: (bunker gear required)

- 1. Turnout time: < 80 seconds (1 minute: 20 seconds)
- 2. First Unit on scene: < 240 seconds (4 minutes)
- **EMS Response**: (no bunker gear required)
  - 1. Turnout time: < 60 seconds (1 minute)
  - 2. First Unit on scene: < 240 seconds (4 minutes)

## **Average Response and Turnout Time Assessment**



RESPONSE MODE	TOTAL RESPONDING UNITS	AVERAGE RESPONSE TIME (minutes)
Initial Lights and Sirens, Downgraded to No Lights or Sirens	11	9.55
Initial No Lights or Sirens, Upgraded to Lights and Sirens	4	10
Lights and Sirens	4,882	7.26
No Lights or Sirens	285	6.01



Item G2.

#### **Public Education**

#### **Community Outreach Events**

Total Events	168
- Total CPR Students	202
Community CPR Classes	11
Public Education Events	142
Fire Station Tours	15

#### **Training Division**

Tota	14,963	
-	2,157	
-	FIRE Training Hours Logged / Month	12,319
-	Administrative Training / Month	487

#### **Fire Inspection Report**

INSPECTION TYPE: Alarm System Test					
Bank	1				
Low Hazard Storage	1				
Single Family Residence	1				
<b>INSPECTION TYPE:</b> Annual					
Assembly	1				
Auto Sales and Maintenance	2				
Day Care	2				
Mercantile	1				
<b>INSPECTION TYPE: Certifica</b>	ate of Occupancy				
Assembly	9				
Auto Sales and Maintenance	1				
Bank	2				
Business Office	38				
Day Care	3				
Elementary School	1				
High School	1				
Intermediate School	4				
Low Hazard Storage	9				
Medical, Surgical, Psychiatric	2				
Medical/Dental Office	10				
Mercantile	10				
Multi-Family Residential	5				
Salon	3				
Sports Complex	1				

#### **INSPECTION TYPE: Complaint** Auto Sales and Maintenance 1 2 Intermediate School **INSPECTION TYPE: Fire Protection System** Inspection 9 Assembly Auto Sales and Maintenance 3 3 Bank **Business Office** 8 Church/Places of Worship 6 2 Day Care **Elementary School** 3 7 Intermediate School Low Hazard Storage 6 Medical, Surgical, Psychiatric 1 Medical/Dental Office 9 5 Mercantile Multi-Family Residential 15 3 Salon Single Family Residence 192 **INSPECTION TYPE: Hood and Duct Inspection** Assembly 1 **INSPECTION TYPE: Reinspection** Medical/Dental Office 1 Mercantile 1

Total # of Inspections:

386



# TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

FROM: Wendell Mitchell, Interim Chief of Police

AGENDA ITEM: Police Chief– Department Statistics/Activities September 2023

#### SUMMARY:

Department Statistics/Activities December 2023.

#### ATTACHMENTS:

Monthly Report

# **Town of Bartonville Police Department**

**December 2023 Monthly Report** 



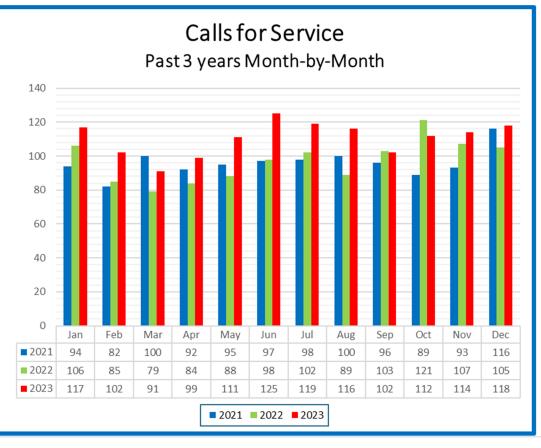
#### December 2023

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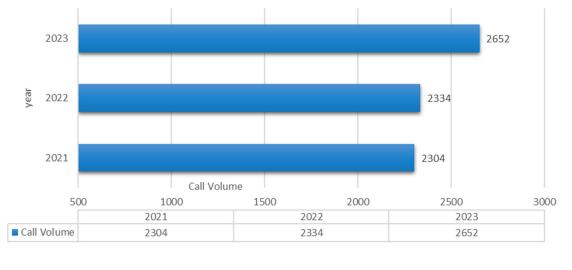
	Page
Total yearly calls for service	3
Types of calls for service	4
Officer initiated activity	5
Misc Information/Upcoming events	6

Item G3.

#### **Total Calls for Service**



Total Year-To-Date Calls for Service over 3 Years



Abandoned Vehicle	1
Agency Assist	24
Alarm	14
Animal Bite Report	1
Animal Complaint	1
Animal Cruelty	
Assault	1
Auto Theft	
Burglary	
Citizen Assist	1
Civil Standby	1
Criminal Mischief	2
Criminal Trespass	2
Disturbance	2
Domestic Disturbance	
Fireworks Complaint	
Follow-up Investigation	2
Forgery/Fraud	1
Gunshots Heard	2
Hang-up 911	2
Harassment	
Illegal Dumping	
Indecent Exposure	
Intoxicated Person	1
Juvenile Complaint	
Loose Livestock	3
Meet Complainant	13
Motorist Assist	4
Narcotics	
Noise Complaint	4
Open Door Investigation	1
Ordinance Violance	
Person with a Gun	1
Reckless Driver	7
Road Blockage/Hazard	5
Suspicious Person/Veh/Activity	12
Theft	2
Traffic Complaint	2
Traffic Transport Incident (Accidents)	4
Vehicle Complaint	
Welfare Concern	2

Item G3.

#### December 2023

# **Officer Initiated Activity**

Officer Activity by Type	Total
Admin Duty (Reports, Court, Clerical)	13
Building Checks	15
Close Patrols (Special Patrols Included)	97
Investigations (Sus veh/activity)	9
Traffic Stops	114
Vacation Watch	25
Walk Thru (Business contacts)	19
Total	292

# **Misc. Information/Upcoming Events**



# TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

FROM: Thad Chambers, Town Administrator

AGENDA ITEM: Town Administrator - Monthly Reports December 2023: Financial, Animal Control, Code Enforcement, Engineering, Municipal Court, and Permits.

#### SUMMARY:

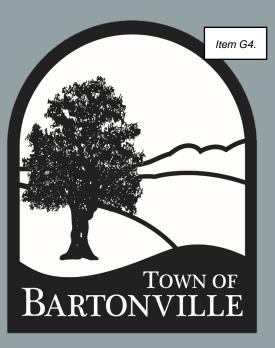
Monthly Reports December 2023.

#### ATTACHMENTS:

- Monthly Financial Report
- Monthly Animal Control Report
- Monthly Code Enforcement Report
- Monthly Engineering Report
- Monthly Municipal Court Report
- Monthly Permits Report

# Town of Bartonville Monthly Financial Report

Month Ending December 31, 2023



PRESENTED: JANUARY 16, 2023 31

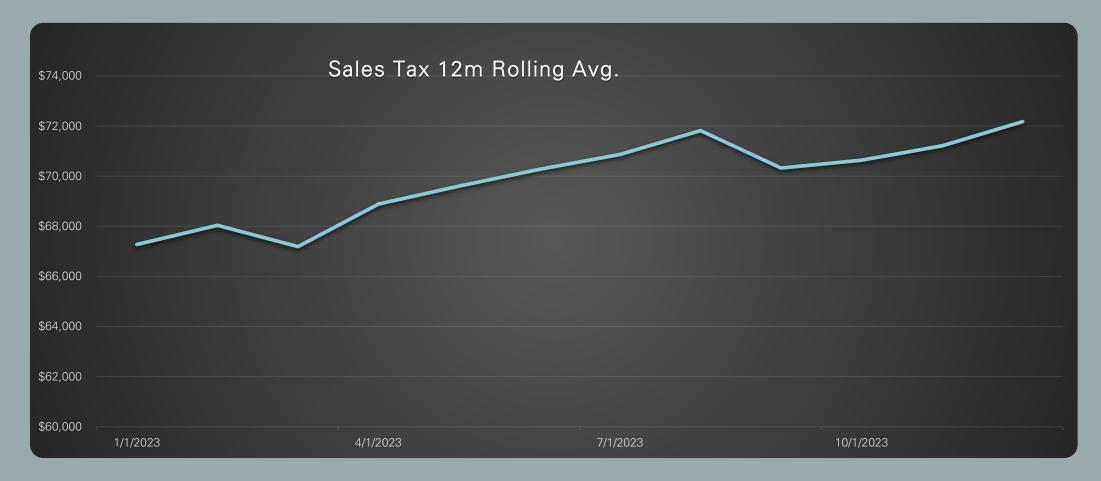
# All General Fund Revenues

	December 2023 Revenue	Year to Date Revenue	Current Year Budget	Projected Revenue Remaining	% of Budgeted Revenue Remaining	Prior year YTD	Prior year ending balance
Property Tax	\$307,114.82	\$330,703.59	\$1,050,000.00	\$719,296.41	68.50%	\$306,455.33	\$986,183.68
Sales Tax	\$65,803.87	\$235,477.04	\$785,000.00	\$549,522.96	70.00%	\$213,276.64	\$843,911.57
Franchise Fees	\$1,778.89	\$70,070.78	\$200,000.00	\$129,929.22	64.96%	\$71,451.60	\$238,380.27
Other/Transfer	\$13,091.98	\$48,699.23	\$169,300.00	\$120,600.77	71.23%	\$37,488.43	\$187,497.39
Development Fees	\$0.00	\$0.00	\$30,000.00	\$30,000.00	100.00%	\$0.00	\$105,414.24
Permit Fees	\$20,639.40	\$49,357.40	\$150,000.00	\$100,642.60	67.10%	\$60,897.48	\$226,727.21
Municipal Court	\$7,694.00	\$32,298.29	\$85,000.00	\$52,701.71	62.00%	\$21,949.51	\$109,218.14
Total Revenue	\$416,122.96	\$766,606.33	\$2,469,300.00	\$1,702,693.67	68.95%	\$711,518.99	\$2,697,332.50

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2

# Sales Tax Collections



3

# All General Fund Expenditures

	December 2023 Expenditures	Year to Date Expenditures	Current Year Budget	Budget Balance Remaining	% of Balance Remaining	Prior Year YTD Balance	Prior year FY Ending Balance
Administration	\$74,973.60	\$196,851.65	\$1,183,858.77	\$987,007.12	83.37%	\$217,667.25	\$1,226,739.03
Police	\$68,979.63	\$193,567.70	\$912,990.09	\$719,422.39	78.80%	\$163,024.83	\$730,121.30
Municipal Court	\$800.00	\$2,400.00	\$6,600.00	\$4,200.00	63.64%	\$1,100.00	\$4,700.00
Transfers	\$8,029.83	\$62,183.10	\$314,000.00	\$251,816.90	80.20%	\$90,221.80	\$303,294.84
Total Expenses	\$152,783.06	\$455,002.45	\$2,417,448.86	\$1,962,446.41	81.18%	\$472,013.88	\$2,264,855.17

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# Expenditures by Department

## Administration

	December 2023 Expenditures	YTD Expenditures	Current Year Budget	Budget Balance Remaining	% Balance Remaining	Prior Year YTD Balance	Prior Year FY End Bal.
Salary & Benefits	\$39,224.05	\$120,662.43	\$517,668.77	\$397,006.34	76.69%	\$106,179.82	\$437,431.83
Other	\$2,690.10	\$12,648.45	\$112,800.00	\$100,151.55	88.79%	\$23,890.97	\$118,334.82
Contracted Service	\$28,102.69	\$35,782.54	\$368,290.00	\$332,507.46	90.28%	\$62,667.72	\$429,278.96
Fees & Service Charges	\$127.50	\$261.50	\$1,170.00	\$908.50	77.65%	\$135.00	\$1,180.42
Supplies	\$2,802.60	\$23,054.73	\$75,430.00	\$52,375.27	69.44%	\$15,062.11	\$48,073.96
Maintenance	\$2,026.66	\$4,442.00	\$58,500.00	\$54,058.00	92.41%	\$9,731.63	\$42,398.44
Capital Improvements	\$0.00	\$0.00	\$50,000.00	\$50,000.00	100.00%	\$0.00	\$150,040.60
Total Administration:	\$74,973.60	\$196,851.65	\$1,183,858.77	\$987,007.12	83.37%	\$217,667.25	\$1,226,739.03

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# Expenditures by Department

## Police

	December 2023 Expenditures	YTD Expenditures	Current Year Budget	Budget Balance Remaining	% Balance Remaining	Prior Year YTD Balance	Prior Year FY End Bal.
Salary & Benefits	\$51,791.28	\$165,368.92	\$819,859.09	\$654,490.17	79.83%	\$138,731.53	\$660,506.81
Maintenance	\$15,832.15	. ,		. ,	8.74%	· · ·	
Contracted Service	\$0.00	\$1,776.50	\$10,000.00	\$8,223.50	82.24%	\$6,722.00	\$6,722.00
Other	\$0.00	\$30.00	\$4,500.00	\$4,470.00	99.33%	\$635.63	\$2,534.93
Supplies	\$1,356.20	\$2,543.95	\$52,500.00	\$49,956.05	95.15%	\$4,702.49	\$24,984.40
Total Police Department:	\$68,979.63	\$193,567.70	\$912,990.09	\$719,422.39	78.80%	\$163,024.83	\$730,121.30

6



Town of Bartonville, Texas Quarterly Investment Report October 1, 2023 to December 31, 2023 Portfolio Summary Management Report

Item G4.

## This quarterly report is in full compliance with the investment policy and strategy as established for the Town of Bartonville, Texas, and the Public Funds Investment Act (Chapter 2256, Government Code)

#### <u>10/1/2023</u>

#### <u>12/31/2023</u>

Beginning Book Value	\$ 4,326,678	Ending Book Value	\$ 3,935,197
Beginning Market Value	\$ 4,326,678	Ending Market Value	\$ 3,935,197

Interest Earned for This Qua	rter	Increase/(Decrease) in Investment Holdings Market Va	lue
\$	54,184	\$	(391,481)

Page 1 of 3

#### TOWN OF BARTONVILLE, TEXAS CURRENT INVESTMENT PORTFOLIO AS OF December 31, 2023

#### ALL FUND TYPES (EXCPET BCDC & CCD) AS DEFINED IN TOWN'S INVESTMENT POLICY

	Type of Secuirty	PAR	Current Rate	Purchase Settlement Date	Maturity Date	Term	Days Held 10/01/2023	Days to Maturity 12/31/2023	% TOTAL	Weighted Average Maturity
Cash Positions: Bank Cash Investments Independent Bank (Consolidated Cash) Independent Bank (Reserve Fund) Subtotal Cash Positions	DDA DDA	\$ 3,592,048 \$ 343,021 <b>\$ 3,935,070</b>	5.64% 5.64%	12/31/2023 12/31/2023	1/1/2024 1/1/2024		(		91.28% 8.72%	1 1
Cash Positions: Pooled Investments LOGIC	Pool	\$ 128	5.54%	12/31/2023	1/1/2024	1	(	) 1	0.00%	53
Grand Total		\$ 3,935,197							100.00%	

Page 2 of 3

#### TOWN OF BARTONVILLE, TEXAS CURRENT INVESTMENT PORTFOLIO AS OF December 31, 2023

#### ALL FUND TYPES (EXCPET BCDC & CCD) AS DEFINED IN TOWN'S INVESTMENT POLICY

							Book Value			Market Value		
CUSIP	Type of Security	PAR	Current Rate	Purchase Settlement Date	Maturity Date	Beginning 10/01/2023	Ending 12/31/2023	Change	Beginning 10/01/2023	Ending 12/31/2023		Change
Cash Positions: Bank Cash Investments												
Independent Bank (Consolidated Cash)	DDA	\$ 3,592,048	5.64%	12/31/2023	1/1/2024	\$ 3,988,243	\$ 3,592,048	\$ (396,194)	\$ 3,988,243	\$ 3,592,048	\$	(396,194)
Independent Bank (Reserve Fund)	DDA	\$ 343,021	5.64%	12/31/2023	1/1/2024	\$ 338,310	\$ 343,021	\$ 4,712	\$ 338,310	\$ 343,021	\$	4,712
Subtotal Cash Positions		\$ 3,935,070				\$ 4,326,552	\$ 3,935,070	\$ (391,483)	\$ 4,326,552	\$ 3,935,070	\$	(391,483)
Cash Positions: Pooled Investments LOGIC	Pool	\$ 128	5.54%	12/31/2023	1/1/2024	\$ 126	\$ 128	\$ 2	\$ 126	\$ 128	\$	2

Grand Total	\$ 3,935,070	\$ 4,326,678 \$ 3,935,197 \$ (391,481) \$ 4,326,678 \$ 3,935,197 \$ (391,481)

#### INTEREST EARNED FOR QUARTER

Pool

Pool

Pool

Month	Type of	Average	Average	Interest									
wonth	Security	Balance	Rate	Earned	_								
					_		Average		Average	Interest		Interest	
							Collected	(	Colleted	Earned		Earned	
							GF	F	RESERVE	GF	ľ	RESERVE	
Cash Positions: B	ank Cash Investments												
Oct-23	DDA	\$ 4,214,245	5.64%	\$ 19,05	. \$	4,214,245	\$ 3,875,936	\$	338,310	\$ 17,521	\$	1,529	\$ 19,051
Nov-23	DDA	\$ 3,832,901	5.64%	\$ 17,32	\$	3,832,901	\$ 3,493,010	\$	339,890	\$ 15,790	\$	1,536	\$ 17,327
Dec-23	DDA	\$ 3,811,651	5.64%	\$ 17,80	\$	3,811,651	\$ 3,470,224	\$	341,427	\$ 16,210	\$	1,595	\$ 17,805
		Subtot	al	\$ 54,18									
			-		-								
Cash Positions: P	ooled Investments												

TOTAL INTEREST EARNED FOR THIS QUARTER	\$	54,184
--	----	--------

\$

\$

\$

126

127

127

Subtotal

5.54% \$

5.56% \$

5.54% \$

\$

1

1

1

2

Page 3 of 3

Oct-23

Nov-23

Dec-23

## All American Dogs, Inc.

City Of Bartonville Report Item G4.

Dec 1, 2023 - Dec 31, 2023

Address	Notes	Code
Dec 28, 2023 10:55 AM 1941 JETER RD E	Patrolled city focusing on stray animals. Spoke to Sheri at city hall	Animal Control
Dec 19, 2023 3:17 PM 1941 JETER RD E	Patrolled city focusing on stray animals. Spoke to Thad at city hall	Animal Control
Dec 18, 2023 1:56 PM	Bite follow up	Animal Control
158 Green Oaks	158 Green Oaks Bartonville	
	Liver and white pointer bit victim on back of left thigh while she was making a delivery. Bite did break skin. Officer attempted contact at residence but there was no answer.	
	Vic Kayla Marquez 8175831489	
Dec 12, 2023 10:10 AM 1941 JETER RD E	Patrolled city focusing on stray animals. Spoke to Thad at city hall	Animal Control
Dec 8, 2023 11:52 AM 1201 redbud	we picked up a contained stray dog from this address	Animal Control

## All American Dogs, Inc.

Dec 1, 2023 - Dec 31, 2023

Address	Notes	Code
Dec 5, 2023 10:43 AM 1941 JETER RD E	Patrolled city focusing on stray animals. spoke to thad at city hall	Animal Control
Dec 4, 2023 10:30 AM 912 dove creek	we removed a sick/injured possum from this address	Animal Control



## Westwood

## **Town of Bartonville**

**Status Report** 

Date: January 12, 2023

#### **Plat Review**

- Swig
- Andy's Frozen Custard

#### **ROW Permits**

• CoServ – Noah Shah

#### **Subdivision Construction**

o N/A

#### Street Fund

- Street Rehabilitation E. Jeter & Stonewood Construction Completed December 6, 2023
- Traffic Counts Completed Week of November 13-17

#### **General Consultation**

• Prepared Fall Work Order to begin after completion of Jeter and Stonewood – Still need to approve or let Andy know what we are going to do on this WO.

westwoodps.com (888) 937-5150

## Town of Bartonville Municipal Court Council Report From 12/1/2023 to 12/31/2023

		Violations	by Туре								
Traffic	Penal	City Ordinance	Parking	Other	Total						
64	1	2	0	0	67						
		Finan									
State Fees	Court Costs	Fines	Tech Fund	Building Security	Total						
\$4,603.00	\$1,609.00	\$6,586.00	\$200.00	\$243.10	\$13,241.10						
		Warra	nts								
Issued	Served	Closed			Total						
0	0	1			1						
FTAs/VPTAs											
FTAs	VPTAs				Total						
0	0				0						
		Diamasi	4:								
		Disposi									
Paid	Non-Cash Credit	Dismissed	Driver Safety	Deferred	Total						
22	0	18	28	38	106						
		<b>T</b> : 1. 0 11									
		Trials & H	earings								
Jury	Bench	Appeal			Total						
0	0	1			1						
		0									
<b>a</b> .		Omni/Scofflaw									
Omni	Scofflaw	Collections			Total						
27	0	27			54						

1

#### PermitReport

Permit #	Contact	Property	Permit Type	Issued Date	Estimated Value	Square Footage	Paid Amount
23-00422-01	Guidance Preparatory Academy	64 McMakin Rd	Commercial - Certificate of Occupancy	12/28/2023		1584	
23-00423-01	Guidance Preparatory Academy	64 McMakin Rd	Food Establishment Permit	12/27/2023			\$300.00
23-00426-01	Guidance Preparatory Academy	64 McMakin Rd	Food Establishment Plan Review	12/27/2023		15842.00	\$350.00
23-00434-01	Stir-Ups Liquor	1842 FM 407 Suite 2	Commercial - Certificate of Occupancy	12/7/2023		4500.00	\$250.00
23-00442-01	Frisco Contractors LLC dba Alair Homes Frisco		Contractor Registration - General	12/1/2023			\$125.00
23-00448-01	On the Hook Fish & Chips	2201 E. FM 407	Temporary Food Permit	12/12/2023			\$35.00
23-00450-01	PentaVia Custom Homes		Contractor Registration - General	12/18/2023			\$125.00
23-00451-01	Houk AC Inc		Contractor Registration - Mechanical	12/1/2023			\$0.00
23-00452-01	Work Environmental Systems	2200 E Jeter Rd	Mechanical Permit (Outdoor Condensers)	12/1/2023	\$17,005.32		\$130.00
23-00453-01	AquaTerra Outdoors		Contractor Registration - General	12/5/2023			\$125.00
23-00454-01	EZLectrical LLC		Contractor Registration - Electrical	12/5/2023			\$0.00
23-00455-01	Frisco Contractors LLC dba Alair Homes Frisco	408 Country Ct	Electrical Permit	12/5/2023			\$130.00
23-00456-01	AquaTerra Outdoors	531 W Jeter Rd	Pool/Spa (inground)	12/6/2023	\$154,000.00	69	6 \$725.00
23-00457-01	Fox Electric		Contractor Registration - Electrical	12/6/2023			\$0.00
23-00458-01	Barnett Signs	1842 FM 407 Unit 1	Sign Permit Canopy North Side	12/8/2023			\$75.00
23-00459-01	Barnett Signs	1842 FM 407 Suite 1	Sign Permit Canopy East Side	12/8/2023			\$75.00
23-00460-01	Barnett Signs	1842 FM 407 Suite 1	Sign Permit Canopy West Side	12/7/2023			\$75.00
23-00461-01	Snow Fox Sushi	3400 FM 407	Food Establishment Permit	12/7/2023			\$300.00
23-00462-01	Nova Air LLC		Contractor Registration - Mechanical	12/7/2023			\$0.00
23-00463-01	Ran Davis	1649 Barrington Hills Blvd	Accessory Bldg (201 - 1000 sq ft)	12/15/2023	\$3,000.00	43	2 \$220.00
23-00464-01	Phoenix Plumbing, LLC.		Contractor Registration - Plumbing	12/11/2023			\$0.00
23-00465-01	Helton-Ingram Septic	737 Stonewood Boulevard	OSSF Permit - Residential	12/13/2023			\$410.00
23-00466-01	Knee Deep Plumbing		Contractor Registration - Plumbing	12/12/2023			\$0.00
23-00470-01	VNN Master Construction LLC		Contractor Registration - General	12/27/2023			\$125.00
23-00471-01	C&G Electric,Inc.		Contractor Registration - Electrical	12/14/2023			\$0.00
23-00472-01	AStar Heat and Air, Inc.		Contractor Registration - Mechanical	12/14/2023			\$0.00
23-00473-01	Alvarado Plumbing		Contractor Registration - Plumbing	12/14/2023			\$0.00
23-00474-01	Verde Outdoor Solutions	1032 Hat Creek Road	Sprinkler/Irrigation Permit	12/19/2023	\$3,000.00		\$110.00
23-00475-01	Gary & Jaclyn Carrington	1361 E Jeter Rd	Tree Removal Permit	12/18/2023			\$125.00
23-00476-01	The Barrel	2648 FM 407 Suite 150	Food Establishment Permit	12/19/2023			\$300.00
23-00477-01	Sainton Custom Homes		Contractor Registration - General	12/19/2023			\$125.00
23-00478-01	Domino's Pizza	3000 FM 407 E 200	Food Establishment Permit	12/18/2023			\$300.00
23-00479-01	DPI Irrigation	30001101407 2 200	Contractor Registration - Irrigation	12/19/2023			\$125.00
23-00480-01	G signs and Graphics		Contractor Registration - Electrical	12/18/2023			\$0.00
23-00481-01	Kosmos Solar		Contractor Registration - Electrical	12/18/2023			\$0.00
23-00481-01	Eco Construction Group	950 Briarwood Cir	New Residence Permit	12/19/2023	\$600,000.00	338	
23-00482-01	Eco Construction Group	950 Briarwood Cir	New Residence (Non AC)	12/19/2023	\$000,000.00	202	
23-00482-02	-	950 Briarwood Cir	Culvert/Driveway	12/19/2023		202	\$120.00
23-00482-04	Eco Construction Group	950 Briarwood Cir	Grading and Drainage Permit	12/19/2023			\$275.00
23-00482-03	Eco Construction Group					240	
	Eco Construction Group	950 Briarwood Cir	Accessory Bldg (1,001 +) Non AC	12/19/2023		240	
23-00485-01	Aqua Tech Electric		Contractor Registration - Electrical	12/19/2023			\$0.00
23-00486-01	S&T Plumbing		Contractor Registration - Plumbing	12/19/2023			\$0.00
23-00487-01	G.O. Electrical LLC	700 0 1 1	Contractor Registration - Electrical	12/20/2023	<u> </u>		\$0.00
23-00488-01	DPI Irrigation	780 Rockgate	Sprinkler/Irrigation Permit	12/27/2023	\$4,000.00	105	\$110.00
23-00489-01	Fourteen Construction, LLC	2005 High Meadow Ct	New Residence Permit	12/21/2023	\$1,000,000.00	485	
23-00489-02	Fourteen Construction, LLC	2005 High Meadow Ct	New Residence (Non AC)	12/21/2023		211	
23-00489-04	Fourteen Construction, LLC	2005 High Meadow Ct	Grading and Drainage Permit	12/21/2023			\$275.00
23-00489-05	Fourteen Construction, LLC	2005 High Meadow Ct	Culvert/Driveway	12/21/2023			\$120.00
23-00490-01	Absolute Plumbing		Contractor Registration - Plumbing	12/20/2023			\$0.00
23-00491-01	Absolute Plumbing	1239 Porter Rd	Plumbing Permit	12/21/2023	\$4,700.00		\$130.00
23-00495-01	Work Environmental Systems	498 Wolf Run Rd	Mechanical Permit	12/22/2023	\$4,180.39		\$130.00
23-00496-01	Cathedral Plumbing of Texas		Contractor Registration - Plumbing	12/27/2023			\$0.00
23-00497-01	L&S Plumbing Partnership LTD DBA L&S Mechanical		Contractor Registration - Electrical	12/27/2023			\$0.00
23-00498-01	L&S Plumbing Partnership LTD DBA L&S Mechanical (Mechanical)		Contractor Registration - Mechanical	12/27/2023			\$0.00
23-00499-01	L&S Plumbing Partnership Ltd. DBA L&S Mechanical		Contractor Registration - Plumbing	12/27/2023			\$0.00
23-00500-01	The Bartonville Tavern	2652 FM 407 Suite 155	Food Establishment Permit	12/27/2023			\$300.00
23-00501-01	TLC Electrical		Contractor Registration - Electrical	12/27/2023			\$0.00
23-00502-01	Southwestern Plumbing Company, Inc.		Contractor Registration - Plumbing	12/27/2023			\$0.00
23-00503-01	TLC Electrical	568 Wolf Run Rd	Electrical Permit	12/28/2023	\$800.00		\$130.00
	Marty B's To Go	2652 E. FM 407 Suite 100	Food Establishment Permit	12/29/2023			\$300.00
23-00504-01			Food Establishment Permit	12/29/2023			\$300.00
	Marty Bs	2664 FIVI 407					
23-00505-01	Marty Bs Golden Egg Cafe	2664 FM 407 2650 FM 407 Suite 165	Food Establishment Permit				
	Marty Bs Golden Egg Cafe Taylor Garden Pool & Patio LLC			12/28/2023 12/29/2023			\$300.00 \$300.00 \$125.00

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		FY2024 Board	ds and Co	ommiss	sion A	ttenda	nce R	eport					Γ	Item G4
			Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24
Board of Adj	ustment (B	BOA)												
Postion	Term	Current Member												
Chair	2022-2024	Donna Baumgarner (2014)												
Board Member	2022-2024	Kathy Daum (2003)	z	z	z									
Alternate #1	2022-2024	Rebecca Jenkins (2022)	0	NON	NON									
Vice Chair	2023-2025	Jim Lieber (2016)		<b>JEE</b>	MEETING									
Board Member	2023-2025	Del Knowler (2011)		MEETING										
Board Member	2023-2025	Siobhan O'Brien (2022)	٦ ۵		ā									
Alternate #2	2023-2025	Heather Head (2023)												
All Terms are two			P - Prese	nt	Þ	<mark>- Abse</mark> i	nt	E	- Excus	ed - Staf	f Notifie	ed		
			Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24
Planning & Z	oning Com	mission (P&Z)												
Position	Term	Current Member												
Chair	2022-2024	Gloria McDonald (1998)		Р	Р	Р								
Vice Chair	2022-2024	Ralph Arment (1988)	z	Р	Р	Р								
Commissioner	2022-2024	Brenda Hoyt-Stenovich (2014)		Р	Р	Р								
Alternate #1	2022-2024	Pat Adams (2022)		Р	Р	Р								
Commissioner	2023-2025	Don Abernathy (2000)	TIN	Р	Р	Р								
Commissioner	2023-2025	Larry Hayes (2021)	ā	Р	Р	Р								
Alternate #2	2023-2025	Rick Lawrence (2023)		Р	Р	Ε								
All Terms are two	o (2) Years		P - Prese	nt	A	- Absei	nt	E	- Excus	ed - Staf	f Notifie	ed		



## FY2024 Boards and Commission Attendance Report

													L	
			Oct 23	Nov 23	Dec 23	Jan 24*	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24
Bartonville	Community	Development Corporation												
Position	Term	Current Member												
Director	2022-2024	Jim Foringer (2006)	Α	Р	Α									
Vice Chair	2022-2024	Terry Rock (2014)	Р	Р	Р									
Director	2022-2024	Brenda Latham (2021)	Р	Р	Р									
Director	2022-2024	Lacy Burrhus (2023)												
Director	2023-2025	Jim Langford (2015)	Р	Р	Р									
Chair	2023-2025	Randy Van Alstine (2014)	Р	Р	Р									
Director	2023-2025	Jennifer Buck(2023)												
		_	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24
Crime Con	trol and Prev	ention District (CCPD)												
Position	Term	Current Member												
Director	2022-2024	Lori Van Alstine (2014)												
Director	2022-2024	VACANT (12/2023)	N	N	NO									
Director	2022-2024	Johnny Jones (2012)												
Director	2022-2024	Kevin Oldham (2018)		MEETING	MEETING									
Director	2023-2025	Chris Colbert (2011)												
Director	2023-2025	Donald (Deke) Dunlap (2021)	G	G	G									
Chair	2023-2025	Jeff Grubb (2011)												
All Terms are	two (2) Years		P - Prese	nt	ŀ	<mark>- Abse</mark> i	nt	E	- Excus	ed - Staf	f Notifie	ed		

Item G4.



# TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

FROM: Shannon Montgomery, Town Secretary

**AGENDA ITEM:** Consider approval of the December 19, 2023, Regular Meeting Minutes.

#### SUMMARY:

The Town Council held a Regular Meeting on December 19, 2023.

#### **RECOMMENDED MOTION OR ACTION:**

Approve the December 19, 2023, Regular Meeting Minutes as presented.

#### ATTACHMENT:

• December 19, 2023, Regular Meeting Minutes.

THE TOWN COUNCIL OF THE TOWN OF BARTONVILLE MET IN REGULAR SESSION ON THE 19TH DAY OF DECEMBER 2023 AT THE TOWN OF BARTONVILLE TOWN HALL, LOCATED AT 1941 E JETER ROAD, BARTONVILLE, TEXAS WITH THE FOLLOWING COUNCIL MEMBERS PRESENT, CONSTITUTING A QUORUM:

Jaclyn Carrington, Mayor

Matt Chapman, Mayor Pro Tem/Place 2 Jim Roberts, Council Member Place 1 Clay Sams, Council Member Place 3 Keith Crandall, Council Member Place 4 Margie Arens, Council Member Place 5

Town Staff Present:

Thad Chambers, Town Administrator Shannon Montgomery, Town Secretary Ed Voss, Town Attorney Wendell Mitchell, Interim Chief of Police

#### A. CALL MEETING TO ORDER

Mayor Carrington called the Regular Session to order at 6:30 pm.

#### B. PLEDGE OF ALLEGIANCE

Mayor Carrington led the Pledge of Allegiance.

### C. PUBLIC PARTICIPATION

If you wish to address the Council, please fill out a "Public Meeting Appearance Card" and present it to the Town Secretary, preferably before the meeting begins. Pursuant to Section 551.007 of the Texas Government Code, citizens wishing to address the Council for items listed as public hearings will be recognized when the public hearing is opened. For citizens wishing to speak on a non-public hearing item, they may either address the Council during the Citizen Comments portion of the meeting or when the item is considered by the Town Council.

There was no public participation.

#### D. APPOINTED REPRESENTATIVE/LIAISON REPORTS

- 1. Upper Trinity Regional Water District Report No Report
- 2. Denton County Emergency Services District #1.

Chief Vaughn provided an update and addressed questions from Council.

#### 3. Police Department Statistics/Activities - November 2023.

Chief Wendell provided an update and addressed questions from Council.

4. Town Administrator – November 2023 Reports: Financial, Animal Control, Code Enforcement, Engineering, Municipal Court, Permits, and Board Member Attendance.

Town Administrator Chambers provided an update and addressed questions from Council.

#### E. CONSENT AGENDA

This agenda consists of non-controversial, or "housekeeping" items required by law. Items may be approved with a single motion. Items may be removed from the Consent Agenda by any Councilmember by making such request prior to a motion and vote on the Consent Agenda.

#### 1. Consider approval of the November 21, 2023, Regular Meeting Minutes.

Motion made by Council Member Sams, seconded by Council Member Arens to approve the November 21, 2023, Regular Meeting Minutes as amended at the dais.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

#### F. PUBLIC HEARINGS and ACTION ITEMS

Mayor Carrington and Council Member Sams recused themselves from the dais at 6:55 pm; Mayor Pro Tem Chapman provided over the meeting for agenda item #1:

1. Discuss and consider a Preliminary Plat for an 81.789-acre tract of land situated in the A.M. Feltus Survey, Abstract Number 1594, and the Daniel Cook Survey, Abstract No. 230, in the Town of Bartonville, Denton County, Texas. The tract of land is located on the north side of E Jeter Road, approximately 2,063 feet north of its intersection with Porter Road, in Bartonville, Texas. The applicant is Mycoskie Associates, Inc., on behalf of Rob Knight. (*The Planning & Zoning Commission recommended approval by a vote of 5-0 at its December 6, 2023, meeting.*)

Town Administrator Chambers provided a brief presentation, stating that this item meets the criteria, the Planning and Zoning Commission recommended approval with conditions, and listed the conditions.

Motion made by Council Member Crandall, seconded by Council Member Arens, to approve the Preliminary Plat for an 81.789-acre tract of land situated in the A.M. Feltus Survey, Abstract Number 1594, and the Daniel Cook Survey, Abstract No. 230, in the Town of Bartonville, Denton County, Texas. The tract of land is located on the north side of E Jeter Road, approximately 2,063 feet north of its intersection with Porter Road, in Bartonville, Texas, with the following conditions:

- 1. <u>Prior to recordation of the final plat, the two "Offsite Drainage Easements" depicted on the</u> <u>Preliminary Utility Plan shall be recorded as separate instruments.</u>
- 2. <u>Prior to recordation of the final plat, all easements to be established via the plat shall be</u> <u>labeled "by this plat."</u>
- 3. <u>Prior to recordation of the final plat, the front, side, and rear yard setbacks (building lines)</u> <u>shall be set at 50 feet, as established by Chart 4.2 of the Bartonville Zoning Ordinance. These</u> <u>setbacks shall apply to all property lines of each lot, including both portions of Lot 3.</u>
- 4. <u>Prior to recordation of the final plat, any existing buildings located within a regulatory setback</u> <u>shall be removed or relocated such that no existing buildings are located within any new yard</u> <u>setbacks to be established by the plat.</u>

- 5. <u>The final plat shall include an approval block as depicted in Section 2.7.c. of the Bartonville</u> <u>Development Ordinance.</u>
- 6. <u>Prior to submittal of a final plat, the proposed location and design of the on-site septic</u> <u>facilities (OSSF) for each proposed lot shall be approved by the Town of Bartonville, in</u> <u>accordance with Bartonville Development Ordinance Section 2.6.c.</u>
- 7. <u>A complete engineering/construction plan set shall accompany the final plat application, in accordance with Bartonville Development Ordinance Section 2.7.d.</u>
- 8. <u>The final plat shall depict a 10-foot-wide utility easement along one side and along the entire length of the private road.</u>

### VOTE ON THE MOTION

AYES: Roberts, Chapman, Crandall, and Arens NAYS: None VOTE: 4/0

### Mayor Carrington and Council Member Sams returned to the dais at 7:04 pm.

2. Discuss and make a recommendation regarding a Preliminary Plat for a 99.744-acre tract of land situated in the A.R. Loving Survey, Abstract Number 0736A, Tracts 5, 5A, 6, and 7A in the Town of Bartonville, Denton County, Texas. The tract of land is located on the west side of FM 407, directly opposite the intersection of FM 407 and Rayzor Road, in Bartonville, Texas. The applicant is CCM Engineering, on behalf of the Education Leads to Success Foundation. (*The Planning & Zoning Commission recommended approval by a vote of 5-0 at its December 6, 2023, meeting.*)

Town Administrator Chambers provided a brief presentation, stating that this item meets the criteria, the Planning and Zoning Commission recommended approval with conditions, and listed the conditions.

Motion made by Council Member Arens, seconded by Council Member Crandall, to approve the Preliminary Plat for a 99.744-acre tract of land situated in the A.R. Loving Survey, Abstract Number 0736A, Tracts 5, 5A, 6, and 7A in the Town of Bartonville, Denton County, Texas. The tract of land is located on the west side of FM 407, directly opposite the intersection of FM 407 and Rayzor Road, in Bartonville, Texas, with the following conditions:

- 1. <u>On the final plat, the fire lane easement shall be a minimum of 24 feet in width and all internal</u> <u>turn radii shall be a minimum of 30 feet.</u>
- The final plat shall show Driveway #2 and the associated drive aisle, as indicated in the August 10, 2023, Traffic Impact Analysis. The drive aisle may be labeled as "Private Access Road." It is recommended that this also be identified as a fire lane since it will offer direct turning access from FM 407.
- 3. <u>Driveway #2 shall be served by a left turn bay cut in the median</u>. Prior to construction of any public improvements in the TxDOT right-of-way, a TxDOT construction permit shall be obtained by the applicant.

- 4. <u>Prior to submittal of a final plat, the proposed location and design of an on-site septic facility</u> (OSSF) shall be approved by the Town of Bartonville, in accordance with Bartonville <u>Development Ordinance Section 2.6.c.</u>
- 5. <u>Prior to any construction on the site within the Zone AE floodplain or floodway, a Conditional</u> <u>Letter of Map Revision (CLOMR) shall be submitted to and approved by FEMA.</u>
- 6. <u>The final plat shall contain an additional note under General Notes that reads, "The Zone AE</u> <u>floodplain and floodway shall be maintained and shall remain free of obstructive debris by</u> <u>the property owner, in accordance with the Bartonville Code of Ordinances.</u>
- 7. <u>A complete engineering/construction plan set shall accompany the final plat application, in accordance with Bartonville Development Ordinance Section 2.7.d.</u>
- 8. Include, as part of the construction plan set, a turning exhibit for a WB 50 vehicle.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

3. Conduct a Public Hearing and consider a Resolution adopting and ratifying plat application submittal list posting requirements set forth by new legislation HB 3699.

Town Administrator Chambers stated that this is required by House Bill 3699, requiring municipalities to adopt and make publicly available a complete written list of all documentation and other information that is required to submit a plat application, including publication on the Town's website.

Mayor Carrington opened the Public Hearing at 7:16 pm. After recognizing that no one was present to speak on this agenda item, closed the Public Hearing at 7:16 pm.

Motion made by Council Member Roberts, seconded by Council Member Crandall, approving a Resolution adopting and ratifying plat application submittal list posting requirements set forth by new legislation HB 3699 as presented.

### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

# 4. Discuss and consider approval of a Resolution accepting the Town's Investment Policy for Fiscal Year 2023-2024.

Town Administrator Chambers that this is the mandated annual review of the Town's Investment Policy, and that Staff does not recommend any changes.

Motion made by Council Member Chapman, seconded by Council Member Crandall, to approve a Resolution accepting the Town's Investment Policy for Fiscal Year 2023-2024 as presented.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

5. Discuss and consider appointment(s) to the Bartonville Community Development Corporation, including the consideration of removing a member due to absenteeism.

Town Secretary Montgomery stated one of her duties is to notify Council of appointed officials' absences and referred to Section 1.04.003, Attendance at Meetings, of the Town's Code of Ordinances.

Motion made by Crandall, seconded by Council Member Chapman, to remove James Kennemer from the Bartonville Community Development Corporation immediately due to his three consecutive absences.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

6. Discuss and consider approval of a Resolution appointing new member(s) to the Bartonville Community Development Corporation.

Town Secretary Montgomery stated that during the annual appointment process, a vacancy was left on the Bartonville Community Development Corporation Board and Staff has advertised the vacancy with a deadline of Friday, December 8, 2023. Montgomery stated that two applications were received.

Motion made by Council Member Crandall, seconded by Council Member Roberts, to appoint Jennifer Buck to the position expiring September 2025.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

Motion made by Council Member Sams, seconded by Council Member Arens, to appoint Lacy Burrhus to the position expiring September 2024.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

7. Discuss and consider an agreement with MWH Group for external auditing services for the Fiscal Year ending September 30, 2023, and authorize the Town Administrator to execute same on behalf of the Town.

Town Administrator Chambers stated we have received the proposal and engagement letter from our past Auditors, MWH Group, and addressed questions from Council.

Motion made by Council Member Arens, seconded by Council Member Robers, to approve the agreement with MWH Group for external auditing services for the Fiscal Year ending September 30, 2023, and authorize the Town Administrator to execute same.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

8. Discuss and consider a Master Services and Purchasing Agreement with Axon Enterprise, Inc. for the purchase of tasers and associated equipment in an amount not to exceed \$17,526.00; and authorize the Town Administrator to execute same on behalf of the Town.

Police Chief Mitchell provided a summary of the Purchasing Agreement with Axon Enterprise, Inc and addressed questions from Council.

Motion made by Council Member Crandall, seconded by Council Member Sams, to approve the Master Services and Purchasing Agreement with Axon Enterprise, Inc for the purchase of tasers and associated equipment in an amount not to exceed \$17,526.00 and authorize the Town Administrator to execute same on behalf of the Town.

#### VOTE ON THE MOTION

AYES: Roberts, Chapman, Sams, Crandall, and Arens NAYS: None VOTE: 5/0

#### G./H. CONVENE INTO CLOSED SESSION and RECONVENE INTO OPEN MEETING

Pursuant to the Open Meetings Act, Chapter 551, the Town Council convened into a Closed Executive Session at 7:37 pm and reconvened into open session at 8:13 pm in accordance with the Texas Government Code regarding:

Council Member Crandall recused himself from the Executive Session Agenda Item #1 discussion.

1. Section 551.071 Consultation with Town Attorney to seek legal advice of its attorney regarding legal issues related to the Town's Extraterritorial Jurisdiction (ETJ), issues related to the Furst Ranch Development, and any and all legal issues related thereto.

No action taken.

Council Member Crandall attended Executive Session Agenda Item #2 discussion.

2. Section 551.071 Consultation with Town Attorney to seek legal advice of its attorney concerning pending or contemplated litigation regarding the sanitary sewer nuisance at 1287 Gibbons Road, Town of Bartonville, Texas v. Paula Harvey, Cause No. 23-11429-467 pending in the 467th District Court of Denton County, Texas.

No action taken.

#### I. FUTURE ITEMS

Discussion only; no action taken.

#### J. ADJOURNMENT

Mayor Carrington declared the meeting adjourned at 8:15 pm.

APPROVED this the 16th day of January 2024.

**APPROVED:** 

Jaclyn Carrington, Mayor

ATTEST:

Shannon Montgomery, TRMC, Town Secretary



# TOWN COUNCIL COMMUNICATION

DATEJanuary 16, 2024FROM:Shannon Montgomery, Town SecretaryAGENDA ITEM:Discuss and consider approval of a Resolution of the Town Council of the Town of<br/>Bartonville ordering a General Election to be held on May 4, 2024, for the purpose<br/>of electing one Mayor and two Council Members Place 2 and 4, for two-year terms<br/>each; providing for a joint services contract with Denton County and authorizing the<br/>Town Administrator to execute the joint services contract on behalf of the Town.

#### SUMMARY:

State law requires the General Election to be held on the first Saturday of May – May 4, 2024. A Mayor and two Council Members Place 2 and Place 4 shall be elected.

In accordance with Section 271.002 of the Texas Election Code, the Town's election will be conducted jointly with other political subdivisions of Denton County. The proposed resolution calls for the May 4, 2024, election, and provides for a joint services agreement with Denton County. The County will determine all early voting and election day polling places once it has identified all entities participating in the May 4, 2024, General Election.

#### **FISCAL IMPACT:**

\$10,000 - \$15,000

The Town will be entering a joint election services agreement with Denton County and the costs of the election will be shared with other entities participating in the joint services agreement for the May 4, 2024, General Election.

#### **RECOMMENDED MOTION OR ACTION:**

Move to approve a Resolution of the Town Council of the Town of Bartonville ordering a General Election to be held on May 4, 2024, for the purpose of electing a Mayor and two Council Members Places 2 and 4, for two-year terms each; and providing for a joint services contract with Denton County and authorizing the Town Administrator to execute agreement on behalf of the Town.

#### ATTACHMENT:

• Draft Resolution.

#### TOWN OF BARTONVILLE, TEXAS RESOLUTION 2024-01

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF BARTONVILLE, TEXAS, ORDERING A GENERAL ELECTION TO BE HELD ON MAY 4, 2024, FOR THE PURPOSE OF ELECTING A MAYOR AND TWO COUNCILMEMBERS PLACES 2 AND 4, FOR TWO-YEAR TERMS EACH; PROVIDING FOR A JOINT SERVICES CONTRACT WITH DENTON COUNTY TO CONDUCT THE ELECTION; PROVIDING FOR THE POSTING AND PUBLICATION OF NOTICE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town of Bartonville, Texas is a Type "A" General Law Municipality located in Denton County, Texas, created in accordance with the provisions of the Texas Local Government Code and operating pursuant to the enabling legislation of the State of Texas; and

WHEREAS, Title 2A, Section 22.003 of the Local Government Code provides that an election for officers of Type "A" General Law Municipality shall be held annually on an authorized uniform election day; and

WHEREAS, Section 41.001a (2) of the Texas Election Code, as amended by the 87<sup>TH</sup> Texas Legislature, establishes the first Saturday of May 2024, as a Uniform Election Day for the purposes of conducting a General Election; and

WHEREAS, Section 3.004b of the Texas Election Code provides that the governing body of a municipality shall be the authority to order a General Election for electing Municipal Officers; and

**WHEREAS,** in accordance with Section 271.002 of the Texas Election Code, the Town General Election will be conducted jointly with other political subdivisions of Denton County, Texas.

NOW, THEREFORE, BE IT ORDERED AND RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF BARTONVILLE, TEXAS, THAT:

#### SECTION 1

The Town Council of the Town of Bartonville hereby orders that a General Election be held on May 4, 2024, being the first Saturday in May of 2024, for the purposes of electing a Mayor and two Council Members Places 2 and 4, for two-year terms each.

#### SECTION 2

The election precinct for said election shall be the regular precinct of Denton County (Precinct 4207) to the extent that they are within the corporate limits of the Town of Bartonville.

The election will be conducted jointly with other political subdivisions in Denton County on May 4, 2024, pursuant to Chapters 31 and 271, Texas Election Code. The Town Administrator and the Town Secretary are hereby authorized to sign the contract with the Denton County Elections Administrator for the purpose of having Denton County furnish all or any portion of the election services and equipment needed to conduct the election.

### SECTION 4

Such election shall be held at the polling places established by Denton County. The polls for said election shall be open from 7:00 am to 7:00 pm.

## SECTION 5

In accordance with Sections 31.097 and 271.006 of the Texas Election Code, Frank Phillips, Denton County Election Administrator, shall be appointed to serve as the Early Voting Clerk and his permanent county employees are appointed as deputy early voting clerks.

Frank Phillips, Early Voting Clerk Denton County Elections 701 Kimberly Drive, Suite A101 Denton, Texas 76208

Applications for ballots by mail must be received no later than the close of business on Tuesday, April 23, 2024.

### **SECTION 6**

Early Voting by personal appearance will be held jointly with other Denton County public entities at Denton County's Main Early Voting Site located at the Denton County Administration Building, 701 Kimberly Drive, Denton, Texas 76208 beginning on April 22, 2024, and continuing through April 30, 2024, at the dates and times set forth below:

## Denton County Administration Building 701 Kimberly Drive, Denton, TX

Date	<u>Time</u>
Monday, April 22 – Saturday, April 27, 2024	8:00 am – 5:00 pm
Sunday, April 28, 2024	11:00 am – 5:00 pm
Monday, April 29 – Tuesday, April 30, 2024	7:00 am – 7:00 pm

Additional early voting locations will be identified in the contract executed with the Denton County Elections Administrator.

#### SECTION 7

The polling place for all of Precinct 4027 within the corporate limits of the Town of Bartonville will be located at a location determined by the Denton County Elections Administrator to be identified in the joint services agreement. The polls for said election shall be open from 7:00 am – 7:00 pm.

#### SECTION 8

The election materials as outlined in Chapter 272, TEXAS ELECTION CODE, shall be printed in both English and Spanish for use at the polling places and for early voting for said election.

#### SECTION 9

The Mayor is authorized to sign the Order of Election and Notice of General Election. The Notice of General Election shall be published in accordance with the provisions of the TEXAS ELECTION CODE. The Town Secretary, in consultation with the Town Attorney, is hereby authorized and directed to take any and all actions necessary to comply with the provisions of federal law, state law, in conducting the election, whether or not expressly authorized herein.

### SECTION 10

The election shall be conducted pursuant to the election laws of the State of Texas.

#### PASSED APPROVED this the 16th day of January 2024.

**APPROVED:** 

ATTEST:

Jaclyn Carrington, Mayor

Shannon Montgomery, TRMC, Town Secretary



## TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

FROM: Thad Chambers, Town Administrator

AGENDA ITEM: Conduct a Public Hearing and consider an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through and approving an accompanying Site Plan on a 1.34-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas. The subject property is located west of the intersection of Justin Road and E Jeter Road, in Bartonville, Texas. The applicant is Jennifer Gansert of Kimley-Horn and Associates, Inc. on behalf of Andy's Frozen Custard. [Town File #CUP-2023-006 and SP-2023-003]. (The Planning & Zoning Commission recommended approval, with conditions, by a vote of 5-0 at its January 3, 2024, meeting.)

Applicant: Jennifer Gansert of Kimley-Horn and Associates, Inc.

#### Zoning: General Commercial District (GC)

**Summary:** The applicant has applied for a Conditional Use Permit (CUP) to authorize a drive through use on an approximately 1.34-acre site located within the Lantana Town Center. The specific location for the site is Lot 3, Block A, of DCFWSD #7 Retail Center Addition. The proposed development is for a 1,949 square-foot Andy's Frozen Custard restaurant with drive through.

#### Conditional Use Permit

Bartonville Zoning Ordinance Section 16.10 lists the criteria for approval of a proposed conditional use permit:

- 1. The proposed use at the specified location is consistent with the policies embodied in the adopted Comprehensive Plan;
- 2. The proposed use is consistent with the general purpose and intent of the applicable zoning district regulations;
- 3. The proposed use is compatible with and preserves the character and integrity of adjacent development and neighborhood and includes improvements either on-site or within the public rights-of-way to mitigate development-related adverse impacts, such as traffic, noise, odors, visual nuisances, drainage or other similar adverse effects to adjacent development and neighborhoods;

- The proposed use does not generate pedestrian and vehicular traffic which will be hazardous conflict with the existing and anticipated traffic in the neighborhood;
- 5. The proposed use incorporates roadway adjustments, traffic-control devices or mechanisms, and access restrictions to control traffic flow or divert traffic as may be needed to reduce or eliminate development generated traffic on neighborhood streets;
- 6. The proposed use incorporates features to minimize adverse effects, including visual impacts, of the proposed conditional use on adjacent properties; and
- 7. The proposed use meets the standards for the zoning district, or to the extent variations from such standards have been requested, that such variations are necessary to render the use compatible with adjoining development and the neighborhood.

The CUP application is for a proposed drive-through restaurant. Bartonville Comprehensive Plan Objective 3.1 advises the Town to limit non-residential uses to nodal development targeted at appropriate intersections along the FM 407 corridor and the McMakin Road/East Jeter Road intersection. The Lantana Town Center Development is found within this location, with the proposed site being at the intersection of FM 407 and E Jeter Road. With a land use designation of General Commercial, the proposed use is in line with the Bartonville Comprehensive Plan. In addition, with a zoning classification of the subject property of General Commercial, which is described as providing "for larger scale office, retail and service uses intended to serve a regional consumer base," the proposed use is in conformance with the current zoning. With these findings, approval criteria 1 and 2 are met.

The proposed drive-through restaurant use is to be located within a highly confined commercial node within Lantana Town Center. Its location along FM 407 provides for a regional customer base and is complementary to the surrounding commercial development. The proposed use would not be compatible in other zoning districts or locations within the town. The northern access drive to the site contains sidewalks and crosswalks for pedestrian use. The driveway into the site is located approximately 59 feet from the intersection of the primary access drive and FM 407; the minimum spacing for driveways from an intersection is 50 feet. The required driveway spacing and maintenance internal drive aisle with two access points ensures mitigation of traffic impacts on local streets. With these findings, and application of conditions of approval for the site plan, criteria 3 through 7 are met.

#### Site Plan

The Site Plan submitted with the CUP application was reviewed concurrently with the CUP in reference to the following approval criteria:

- 1. The plan's compliance with all provisions of the Zoning Ordinance and other ordinances of the Town of Bartonville.
- 2. The impact of the development relating to the preservation of existing natural resources on the site and the impact on the natural resources of the surrounding properties and neighborhood.
- 3. The relationship of the development to adjacent uses in terms of harmonious design, facade treatment, setbacks, building materials, maintenance of property values, and any possible negative impacts.
- 4. The provision of a safe and efficient vehicular and pedestrian circulation system.

- 5. The design and location of off-street parking and loading facilities to ensure that all such spaces are usable and are safely and conveniently arranged.
- 6. The sufficient width and suitable grade and location of streets designed to accommodate prospective traffic and to provide access for firefighting and emergency equipment to buildings.
- 7. The coordination of streets so as to arrange a convenient system consistent with the Thoroughfare Plan of the Town of Bartonville, as amended.
- 8. The use of landscaping and screening to provide adequate buffers to shield lights, noise, movement, or activities from adjacent properties when necessary, and to complement and integrate the design and location of buildings into the overall site design.
- 9. Exterior lighting to ensure safe movement and for security purposes, which shall be arranged so as to minimize glare and reflection upon adjacent properties.
- 10. The location, size, accessibility, and configuration of open space areas to ensure that such areas are suitable for intended recreation and conservation uses.
- 11. Protection and conservation of soils from erosion by wind or water or from excavation or grading.
- 12. Protection and conservation of watercourses and areas that are subject to flooding.
- 13. Provision of the adequate capacity of public or private facilities for water, sewer, paved access to and through the development, electricity, storm drainage, and adequate traffic management.
- 14. Consistency with the Comprehensive Plan of the Town of Bartonville, as amended.
- 15. In approving a Site Plan, the Town Council may impose additional reasonable conditions necessary to protect the public interest and welfare of the community.

Conformance with approval criteria 1, 7, and 14 have already been addressed in the CUP section above. Criteria 2, 10, 11, and 12 are not applicable to this project. The building is oriented such that the drivethrough is perpendicular to FM 407 and the parking is located within the site, separated by landscaped areas. These landscaped areas (see Exhibit 1) provide a dense screen of trees and shrubs from FM 407 and the primary access drive in Lantana Town Center. The site plan meets all development standards listed for the General Commercial zoning district.

The Lantana Town Center site contains an existing 30-foot fire lane that will provide sufficient coverage for the subject property. The site provides 27 parking spaces attributed to the proposed use, with two of the spaces being marked for handicapped visitors. Per BZO section 17.6, a minimum of 20 spaces are required. In addition, the site plan provides for sufficient queuing depth to meet the Town's standard of no less than five vehicle spaces.

The Lantana Town Center has been developed to provide adequate utilities for the site. The Utility Plan (Exhibit 1, sheet C-11) shows private utility services connecting to existing water and sewer services from the southwest. Storm water drainage is collected and is transmitted to an existing storm drain line that runs through the site. With a condition of approval ensuring compliance with design standards, driveway spacing will provide adequate traffic management for ingress and egress to the site. With these findings, and application of conditions for approval, criteria 3, 4, 5, 6, 8, 9, and 13 are met.

**Planning & Zoning Commission Recommendation:** CUP-2023-006: Approve. SP-2023-003: Approve with conditions. The following conditions of approval are recommended:

#### CUP-2023-006:

1. No recommended conditions of approval.

#### SP-2023-003:

- 1. All parking area lighting shall be installed and operated so as not to reflect or shine on adjacent properties and in accordance with the standards established in BZO Section 13.3.7 and Chapter 28.
- 2. The trash receptacle shall be screened with an eight-foot-tall screen constructed of masonry materials of like and similar materials to those of the primary structure.

#### Public Comment: None.

**Financial Information:** Approval of the conditional use permit and site plan will permit the construction of a 1,949-sf drive-through restaurant. The Town will benefit from additional property tax and sales tax collections from the commercial use.

#### Exhibits:

- 1. Andy's Frozen Custard CUP & SP Application
- 2. Letter mailed to property owners within 200' with location map and mailing list
- 3. Published Legal Notice
- 4. Ordinance approving CUP

# Exhibit 1



All applications must be submitted in accordance with the Submission Schedule attached hereto. Please complete the attached checklist. A site plan application must be submitted with all Conditional Use Permit Applications.

Applicant (Owner or Agent, Specify):Jennifer Gansert, Kimley-Horn and Associates, Inc.
Mailing Address: 801 Cherry St, Unit 11, Suite 1300
Phone: Fax:
Email Address*: jennifer.gansert@kimley-horn.com (*This will be the primary method of communication)
Owner's Name(s) if different <sup>1</sup> :A-S 114 Lantana Town Center LP
Owner's Address:8827 W Sam Houston Pkwy N Suite 200, Houston, Tx, 77040
Phone: Fax:
General Location of Property:
Current Zoning:GC/PD1
Legal Description of Property: DCFWSD#7 RETAIL CENTER ADDITION BLK A LOT 3
(Attach Complete Metes and Bounds Description)
Use Being Requested (In accordance with Appendix C:Land Use Table, of the Town of Bartonville's Comprehensive Zoning Ordinance: Restaurant (Quick Service) w/ Drive-Through
I hereby certify that the information concerning this proposed zoning change is true and correct and that I am the owner of record or the authorized for the owner of the above described property. Signature of Applicant/Owner Date
STAFF USE ONLY:

Date Submitted:	Fee Paid:	
Accepted By:	Check No. :	
P& Z Public Hearing:	Metes & Bounds Attached: 🛛 Yes	🗆 No
Council Public Hearing:	Notarized Statement:  Ves  No	□ N/A

<sup>&</sup>lt;sup>1</sup> A NOTARIZED statement that authorizes the agent to represent the owner(s) in this matter must be attached to this application.



State of Texas

County of Harris

§ §

## NOTARY FORM Town of Bartonville

THE FOLLOWING IS TO BE COMPLETED BY EACH OWNER THAT IS NOT SIGNING THIS APPLICATION.

Dated: 11 6 23	
1. Jay K. Sonrs, Masagor 3800 FM 407 do hereb	, owner of the Property located at y certify that I have given my permission to
KIMLEY. HORS AND ASSOCIATES	, to submit this conditional use permit
application. Jay K. SEARS, MANNOOK	She
Print Name	Signature of Owner
8827 W. SAM HOUSEN PLOS N; SUME 200, HOUSED TX 77	040 281.640.7195
Address	Phone No.

Before me, <u>Juny Hunter</u>, a Notary Public in and for said County and State, on this day personally appeared <u>Gy Sears</u> known to me to be the person whose name is subscribed to the foregoing certificate, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

JUDY HUNTER Notary Public, State of Texas Comm. Expires 10-18-2026 Notary ID 128417863	Julitte
	Notary

Zip:



## TOWN OF BARTONVILLE SITE PLAN APPLICATION/SITE PLAN AMENDMENT APPLICATION

#### 1. Applicant:

Name: Jennifer Gansert, Kimley-Horn and Associates, Inc.

Address: 801 Cherry St, Unit 11, Suite 1300

City/State: Fort Worth, Texas

Office #: 972-770-1343 Cell #: 281-413-3570 Fax #:\_\_\_\_\_

Zip: 77040

Email Address:\_jennifer.gansert@kimley-horn.com

#### 2. Property Owner:

Name: A-S 114 Lantana Town Center LP

Address: 8827 W Sam Houston Pkwy N Suite 200

City/State: Houston, Tx

Office #: 281.640,7195 Cell #: \_\_\_\_\_ Fax #:\_\_\_\_\_

Email Address: MHARNEY & NEW QUEST. COM

#### 3. Site Location: Street Address: 3800 FM 407, Bartonville, Tx 76226

Lot, Block, & Subdivision Name: DCFWSD#7 RETAIL CENTER ADDITION BLK A LOT 3

4. Summarize the proposed development. If necessary, use a separate sheet.

	Proposed Andy's F	rozen Custard	- Drive thru		
5.	Present Zoning:	GC/PD1	Present Land Use:	Vacant	
	Future Land Use D	Designation:	Commercial Business		

**6.** All applications must contain the required information as specified in the Town of Bartonville's Comprehensive Zoning Ordinance, (Code of Ordinances, Chapter 14, Exhibit "A").

## I UNDERSTAND THAT IT IS NCESSARY FOR ME OR MY AGENT TO BE PRESENT AT BOTH THE PLANNING AND ZONING COMMISSION MEETING AND TOWN COUNCIL MEETING

**FAILURE TO APPEAR** before the Planning and Zoning Commission or Town Council for more than one (1) hearing without an approved delay by the Town Administrator or his/her designee shall constitute sufficient grounds to table or deny the request unless the Town is notified at least 72 hours prior to the hearing.

**DENIALS BY THE PLANNING AND ZONING COMMISSION** shall be forwarded to Town Council, along with the Commission's reasons for denial and will require a ¾ favorable vote of all members of Town Council.

**TABLED BY THE PLANNING AND ZONING COMMISSION:** The Commission may not defer its report for more than 90 days from the time it was posted on the agenda, or until it has had an opportunity to consider other proposed changes, which may have a direct bearing, unless a postponement is requested by the applicant.

Applicant Name (print or type):	
Applicant signature: Sur Cart	
Owner Name (print or type): Jay K. Serres, Masagor	
Owner signature:	

Date Received\_\_\_\_\_Date Paid\_\_\_\_\_Receipt Number\_\_\_\_\_



## NOTARY FORM Town of Bartonville

THE FOLLOWING IS TO BE COMPLETED BY EACH OWNER THAT IS NOT SIGNING THIS APPLICATION.

Dated:11/6/2023	
	ertify that I have given my permission to submit this conditional use permit application.
Print Name	Signature of Owner
8827 W. San HOUSTER PROV N. ; SUITE 200; HOUSTED TX 77040 Address	231.640.7195 Phone No.

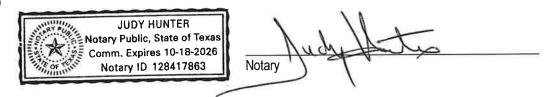
#### State of Texas County of Harris

§

§

Before me, <u>Judy Hunfer</u>, a Notary Public in and for said County and State, on this day personally appeared <u>Joy Sears</u>, known to me to be the person whose name is subscribed to the foregoing certificate, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

(Seal)



# PLANS SUBMITTAL/REVIEW LOG

**1ST CITY SUBMITTAL** 90% CD SUBMITTAL 100% CD SUBMITTAL

11/06/2023 11/10/2023 11/17/2023

**DEVELOPER:** ANDY'S FROZEN CUSTARD 211 E WATER STREET SPRINGFIELD, MO 65806 PH. (417) 380-8007 CONTACT: JOSH BRAUN

# **ARCHITECT:**

HUFFT 3612 KARNES BLVD KANSAS CITY, MO 64111 PH. (816)513-0200 CONTACT: JEFFERY KLOCH

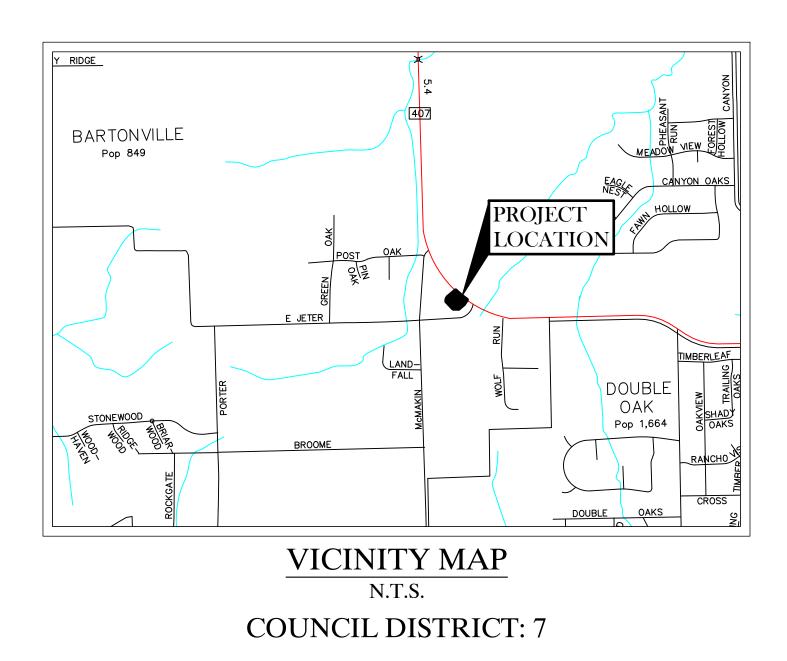


FORT WORTH, TEXAS 76102 PH (972) 770-1343 CONTACT: JENNIFER GANSERT, P.E.

LANDSCAPE ARCHITECT **Kimley**»Horn 6160 WARREN PKWY, SUITE 210 FRISCO, TEXAS, 75034

PH (469) 287-5285 CONTACT: ALYSA GAPINSKI

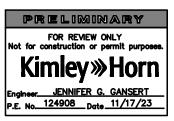
# CIVIL CONSTRUCTION PLANS FOR ANDY'S LANTANA 3800 FM 407 BARTONVILLE, TX 76226



NOVEMBER 2023

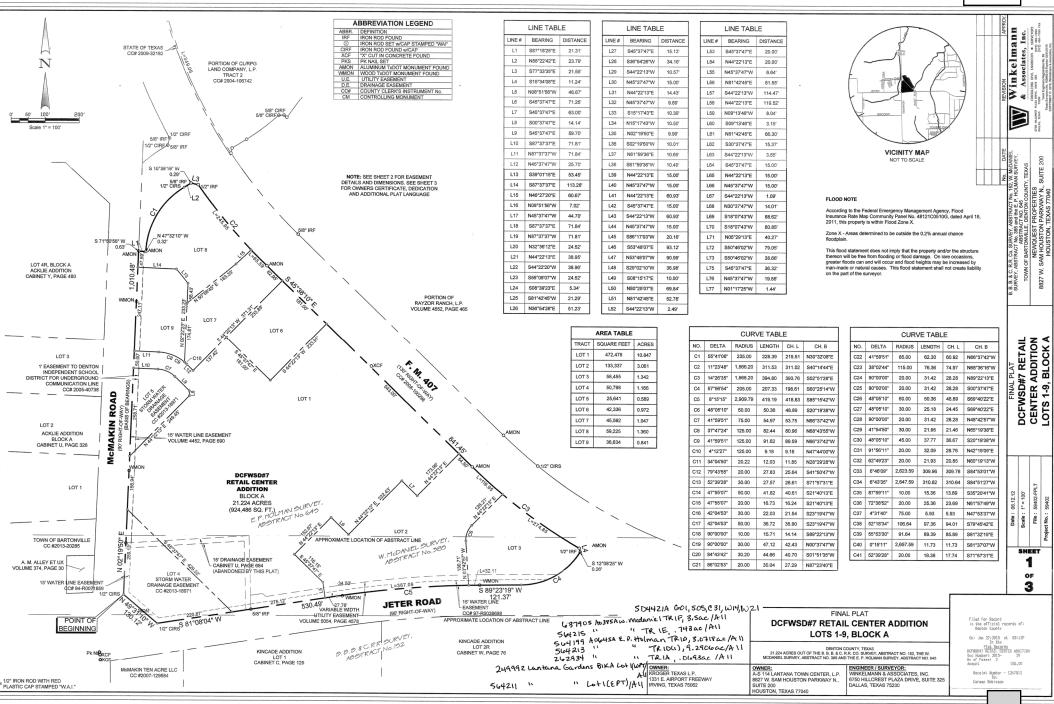
# **INDEX OF SHEETS**

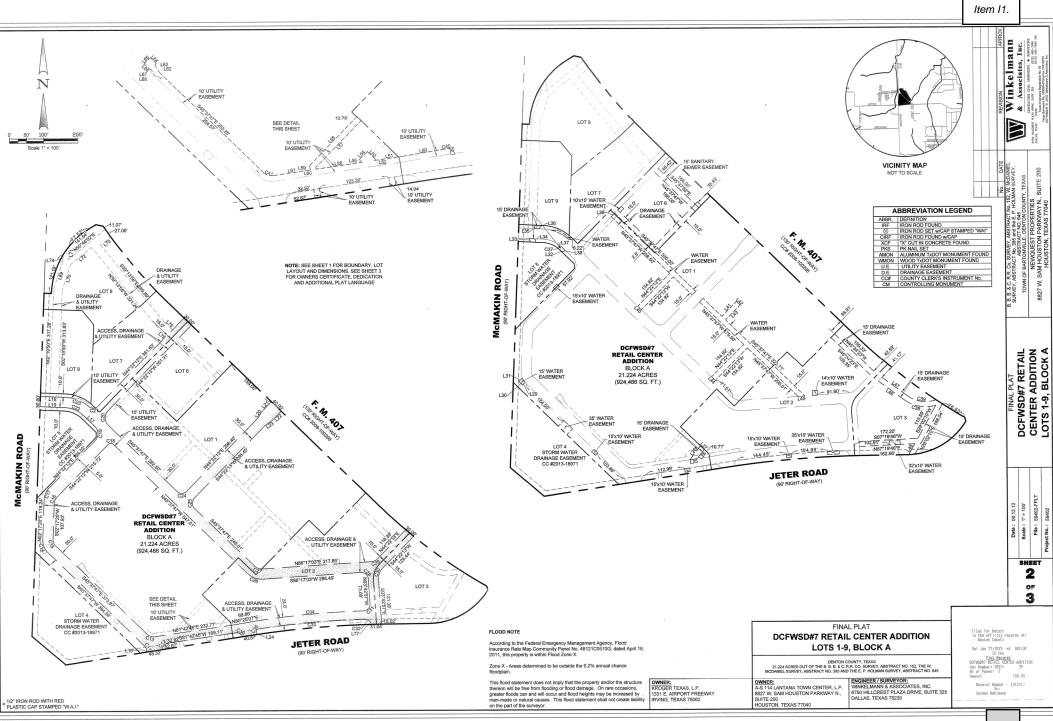
SHEET NO.	DESCRIPTION
C-00	COVER SHEET
	RECORDED PLAT
C-01	GENERAL NOTES
C-02	DEMOLITION PLAN
C-03	SITE PLAN
C-04	PAVING & DIMENSION CONTROL
C-05	CONSTRUCTION DETAILS (1 OF 2)
C-06	CONSTRUCTION DETAILS (2 OF 2)
C-07	GRADING PLAN
C-08	EXISTING DRAINAGE AREA MAP
C-09	PROPOSED DRAINAGE AREA MAP
C-10	STORM SEWER PLAN
C-11	UTILITY PLAN
C-12	EROSION CONTROL PLAN
C-13	EROSION CONTROL DETAILS
LP 1.01	LANDSCAPE PLAN
LP 2.01	PLANTING DETAILS
LP2.02	PLANTING DETAILS
LP 2.03	PLANTING SPECIFICATIONS





Item I1.





#### OWNERS CERTIFICATE

#### STATE OF TEXAS COUNTY OF DENTON

WHEREAS, Wie, Kroger Texas, L.P., and A-S 114 Lantana Town Center, L.P., are the sole owners of a tract of land situated in the B. B. & C. R.P. Co. SURVEY, ABSTRACT No. 152, W. McDANIEL, SURVEY, ABSTRACT No. 355 and the E. P. HOLLANS UNIVEY. ABSTRACT NO. 645, Denton County, Texas, being all of two tractol land described in deed to Kroger Texas, L.P. as recorded in County Clear's Instrument Nos. 2013-16914 and 2015-24086, Official Public recorded in County Olarish shall among an Unit of the described in describe in Association 15 and Town Center, L.P. as particularly described by metes and bounds as follows:

BEGINNING at a 122-inch inon roof board for comer on the Bast injert-of-range line of Modularin Roust, a 39-0-on right-of-way and point tenier in worknehm root on comer one tait the Intersection of a size at right-of-way line of Modularin Root are and the North right-of-way line of Jeter Roast, a 90-foot right-of-way, said point also being the most Northerly Southwest comer of said Lot 1;

THENCE North 02 deg 19 min 50 sec East, along the East line of said McMakin Road and the Westerly line of said Tractors want be begin an in ou see bas, along the basis me of saip MoNakin Roda and the Vestery line of said Regard tract, a diskine of 1,010-46 tet to a 112-bit for nor dwi hat plates to a stamped WLA. The for correr, said point being 3 buttly setting to the set of the said test and test and the said test and test and the said test and the said test and tes right-of-way of F\_M\_403

THENCE along the South and Westerly line of said State of Texas tract (F. M. 407), the following courses and distances:

South 87 deg 18 min 25 sec East, a distance of 21.31 feet to a 1/2-inch iron rod with a plastic cap stamped "W.A.F set for corner from which an aluminum TxDOT monument found for corner beam Nerth 47 deg 32 min 10 aes West, a distance of 0.32 defs.tasi point also being the beingtinn of a non-tangent cure to the right having a radius of 235.00 feet, a contral angle 65 deg 41 min 06 sec, a chord bearing of North 30 deg 32 min 06 sec East, and a chord length of 219.51 feet;

Along said non-tangent curve to the right, an arc distance of 228.39 feet to a 1/2-inch iron rod with a plastic cap stamped "W.A.I" set for come

North 58 deg 22 min 42 sec East, a distance of 23.79 feet to a 1/2-inch iron rod with a plastic cap stamped "W.A.I" set for corner from which a 5/8-inch iron rod found for corner bears South 10 deg 39 min 19 sec West, a distance of 0.29 feet;

South 77 deg 33 min 35 sec East, a distance of 21.55 feet to a 1/2-ionh iron rod found for corner from which a 5/8-inch iron rod found for corner bears South 10 deg 38 min 19 sec West, a distance of 0.29 feet, said point being the beginning of a non-tangent curve to the left having a radius of 1,562 0.04 e.e. contral angle of 11 deg 23 min 48 sec, a chord bearing of South 40 deg 14 min 44 sec East, and a chord length of 311.02 feet;

Along said non-tangent curve to the left, an arc distance of 311.53 feet to an aluminum TxDOT monument found for

South 45 deg 38 min 10 sec East, a distance of 841.45 feet to an aluminum TxDOT monument found for corner, said point being the beginning of a curve to the left having a radius of 1,566.20 feet, a central angle of 4 deg 26 min 35 sec, a chord bearing of South 52 deg 51 min 28 sec East, and a chord length of 393.76 feet;

Along said curve to the left, an arc distance of 394.80 feet to an aluminum TxDOT monument found for corner

South 15 deg 34 min 08 sec East, a distance of 11.24 feet to 1/2-inch iron rod with a plastic cap stamped "W A /I set for comer from which a 1/2-hoh iron rod found for comer bears South 12 deg 08 min 25 sec West, 0.26 feet, said point being the beginning of a non integrior turve to the right howing a rakue 302000 feet, a contrat langle of 37 deg 56 min 54 sec, a chord bearing of South 60 deg 25 min 14 sec West, and a chord length of 198.61 feet;

Along said non-tangent curve to the right, an arc distance of 207.33 feet to a 1/2-inch iron rod with a plastic cap stamped "W.A.I" set for corner on said North right-of-way line of Jeter Road;

THENCE South 89 deg 23 min 19 sec West, along said North right-of-way line of said Jeter Road, a distance of 121.37 feet to a 1/2-inch iron rod with a plastic cash stamped "W.A.I" set for comer, said point being the beginning of a curve to the left having a radius of 2,909.79 feet, a central angle of 08 deg 15 min 15 sec, a chord bearing of South 85 deg 15 min 42 sec West, and a chord length of 418.83 feet

THENCE continuing along the North line of said Jeter Road and said curve to the left, an arc distance of 419.19 feet 1/2-inch iron rod with a plastic cap stamped "W.A.I" set for corner;

THENCE South 81 deg 08 min 04 sec West, continuing along the North line of said Jeter Road, a distance of 530.49 feet to a 56-anch rion nod found for corner, said point being the Southerly end of a corner clip at the intersection of the North line of said Jeter Road with the East line of said McMatin Road;

THENCE North 49 deg 31 min 10 sec West, along said corner clip, a distance of 130.12 feet to the POINT OF

CONTAINING within these metes and bounds 924,486 square feet or 21.224 acres of land, more or less

#### NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS

That Kroger Texas L.P., and A-S 114 Lantana Town Center, L.P., acting herein by and through its duly authorized That Kroper Texas L P., and A-S 114 Lantams Town Center, L P., acting herein by and through its duty authorized officers, do hereiny adoct this plat designating the herein have described proteives a **DCFROM TETAL CENTER ADDITION**, an addition to the Town of Bartonville, Texas, and do hereby desclicate the essement as shown herein to benin Occurity FreeN Water Supply Distort (#T. The essements herein created are not exclusive, and Kroper Texas L P., and A-S 114 Lantama Town Center, L P. hereby expressly reserve the right, for Itself and its auccessors and assigns, without the prior within occused To Heron Occurity Free Mater Supply District 77. To use the essement areas in a mammer and for such purposes which are not inconsistent with the terms of this grant (including, without limitation, the right to pave (including ouchs) of landanceape over, across, upon and under any undergrund inleger and/or grant such obver, similar of distributing, assements, rights, benefits, rights, be

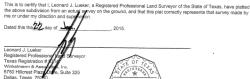
That the undersigned does hereby covenant and agree that he (they) shall construct upon the five lane essements, as decidated and shown hereon, a hard surface in accordance with the Town of Bartonville's paiving standards for five lane, and that he (they) shall maintain the same in a state of good repair at all times and keep the same free and dear of any structures, fences, trees, shrubs, or other improvements or obstruction, including but not limited to the parking of motor whiches, traiters, boats or other improvements or obstruction, including but not limited to the parking of motor whiches, traiters, boats or other improvements or barbacessibility of free agreements. The maintenance of paving on the fire lane essements is the responsibility of the owner, and the owner shall post and maintain appropriate signs in

ous places along such fire lanes, stating "Fire Lane, No Parking." The local law enforcement agency(s) is hereby authorized to enforce parking regulations within the fire lanes, and to cause such fire lanes and utility easements to be maintained free and unobstructed at all times for fire department and emergency use.

The undersigned does covenant and agree that the access easement may be utilized by any person or the general public for ingress and egress to other real property, and for the purpose of general public vehicular and pedestrian use and access, and for the department and energency use in, along, uson and access said premises, with the right and privlege at all times of the Town of Bettorwile, its agents, employees, workmen and representatives having ingress, eagress, and regress h, along, upon and across said premises.



(972) 490-709



STATE OF TEXAS COUNTY OF DALLAS

Before me, a notary public, on this day personally appeared Leonard J. Lueker, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes an name is subscribed to the foregoing instrument and ack consideration therein expre

OWNER: KROGER TEXAS L.P.

IRVING, TEXAS 75062

1331 E. AIRPORT FREEWAY

Given under my hand and seal of office, this 22 say of January, 2015. Mm. Durins Edwards Wm. Dennis Edwards Notary Public, Nater of Texas Expires: 10-31-2018 10-31-2018 My Commission Expires

res On



Approved for preparation of final plat for the subdivision shown on this plat.

1122/15

APPROVED BY: Planning and Zoning Commission

ams Signature of Chairman

Townof Bartonyille, Texas

Item I1.

Winkelmann & Associates, Inc. coreured cont boundars = superpoint a sone, sone contents = superpoint a sone content of the sone of the son

DALLAS,

SUITE 200

8827 W. S

FINAL PLAT DCFWSD#7 RETAIL CENTER ADDITION LOTS 1-9, BLOCK A

59402-FPLT

Date : cale : File : No. :

SHEET

150.00

Number - 1247013

72

. Receir

Canaen

C. R.R. O., SILPER, MaSTRAC, T.N., T.S., MADMI S., ASTRACTIAN, SIG, SHOUMAN BLWC, Y., SHOUTAN, SHOUTAN, SHOUTAN, TEXAS WAY, SHARTOWILLE, BERTONACOUNT, TEXAS MENDULES PROPRETIES W. SAM HOUSTON PARKWAY N., SUITE 200 W. SAM HOUSTON TEXAS 77040

		B. B. B. & C. F SURVEY. A	TOWN	
		FINAL PLAT	-85	CENTED ADDITION
		Date: 06.12.12	Scale : N/A	
NOTICE: Selling a portion of this addition by metes and bounds is a violation of Town ordinance and State lies, on is augient to three and/or withholding of utilities and building permits.			SHE	F
FINAL PLAT DCFWSD#7 RETAIL CENTER ADDITION LOTS 1-9, BLOCK A DENTON COUNTY, TEXAS 91.524 ADRES OUT OF THE B. B. J. C. R.J. GO EUROPY, ABSTRUCT NO. 152, THE W. MCOMES. BURYEY, ABSTRUCT NO. 554 OD THE 7. HOLMMAN SURVEY, ABSTRUCT NO. 665	Filed for Recor in the official Deston Coant On 27,000 Plat Rec DCFUSD#7 RETAIL Dec Number 2015 No of Passar 30	9		ж

OWNER: A-S 114 LANTANA TOWN CENTER, L.P.

8827 W. SAM HOUSTON PARKWAY N., SUITE 200 HOUSTON, TEXAS 77040

ENGINEER / SURVEYOR: WINKELMANN & ASSOCIATES, INC. 6750 HILLCREST PLAZA DRIVE, SUITE 325 DALLAS, TEXAS 75230

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the Town of Bartonville, Texas. WITNESS, my hand, this the 21st day of Sanvary, 2015. KROGER TEXAS L.P.

an Ohio limited partnership
BY: KRGPINC., A Opto corporation, its general partr
R. S. M.
Rick D. Landnum, Vice President

STATE OF DHTD S

Before me, the undersigned authority, a Notary Public in and for the State of <u>hot</u>, on this day personally separated <u>huck J</u>. Under the second seco \_\_\_, on this day personally



WITNESS, my hand, this the \_\_\_\_ day of

A-S 114 Lantana Town Center, L.P., an Texas limited partnership A 114, L.C., Texas mite hability company, its general partner

Steven D. Alvis, Manager STATE OF TEXAS

COUNTY OF HARRIS

Before me, the undersigned authority, a Notary Public in and for the State of Toxat, or this day personally appeared Swort D. Avik, stanger of AS 114, LC, Cenneral Person of AS 114 (authority Toxatan Town Centers L. P., inform to the to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and considerations therein expressed.



n Expires C

GENERAL NOTES

AND REQUIREMENTS

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS, THE DENTON COUNTY FRESH WATER SUPPLY DISTRICT #6 AND #7 STANDARDS AND NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS
- 3. CONTRACTOR SHALL CONTACT ALL FRANCHISE UTILITY COMPANIES TO HAVE THEM LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND DEPTH OF ALL FRANCHISE UTILITY SERVICES AND ANY REQUIRED RELOCATION AND/OR EXTENSIONS. SERVICES SHOWN ON THE PLANS ARE CONCEPTUAL.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING RELOCATION AND INSTALLATION OF FRANCHISE UTILITIES NECESSARY FOR ON AND OFF SITE CONSTRUCTION.
- BRACING OF UTILITY POLES MAY BE REQUIRED BY UTILITY COMPANIES WHEN TRENCHING OR EXCAVATION IS IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE VARIOUS PAY ITEMS FOR INSTALLATION OF PIPE.
- THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY RECORDS AND PLANS AND ARE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION IN ORDER THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE CONTRACTOR SHALL PRESERVE AND PROTECT PUBLIC AND PRIVATE UTILITIES AT ALL TIMES DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES RESULTING FROM CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT THEIR EXPENSE. THE ENGINEER SHALL BE NOTIFIED WHEN PROPOSED FACILITY GRADES CONFLICT WITH EXISTING UTILITY GRADES.
- 7. CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
- 8. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND REVIEW ALL FIELD CONDITIONS, INCLUDING EXISTING GRADES AND UTILITY FLOW LINES, AND SHOULD DISCREPANCIES OCCUR. THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
- THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY, INCLUDING, BUT NOT LIMITED TO FENCES, WALLS, PAVEMENT, GRASS, TREES, LAWN SPRINKLER AND IRRIGATION SYSTEMS AT NO COST TO THE OWNER. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT (UNLESS OTHERWISE NOTED) AND IS NOT A SEPARATE PAY ITEM.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
- 11. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE APPROVED CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
- 12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN NEAT AND ACCURATE CONSTRUCTION RECORD PLANS.
- 13. CONNECTIONS TO EXISTING FACILITIES SHALL BE ACCOMPLISHED IN A NEAT AND PROFESSIONAL MANNER. WHEN FIELD CONDITIONS INDICATE ANY VARIANCE FROM DETAILED METHODS, THE CONTRACTOR SHALL PROVIDE COMPREHENSIVE AND DETAILED DRAWINGS (FOR APPROVAL) OF METHODS PROPOSED.
- 14. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND ENGINEER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
- 15. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
- 16. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO THE FINAL CONNECTION OF SERVICES.
- 17. CONTRACTOR SHALL VERIFY BENCHMARKS AND DATUM PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS.
- 18. ALL HORIZONTAL DIMENSIONS GIVEN ARE TO FACE OF CURB AND TO PIPE CENTERLINES, UNLESS OTHERWISE NOTED ON PLANS 19. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING. CONSTRUCTION STAKING SHALL BE PERFORMED BY A

REGISTERED PUBLIC SURVEYOR IN THE STATE OF TEXAS.

- 20. THE CONTRACTOR SHALL TOPSOIL, SEED AND FERTILIZE ALL AREAS DISTURBED BY CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE WHATEVER MEASURES ARE NEEDED INCLUDING TEMPORARY IRRIGATION TO ENSURE FULL COVERAGE OF GRASSING. UNLESS OTHERWISE NOTED, PRIVATE LAWN AREAS AND PARKWAYS IN FRONT OF PRIVATE LAWN AREAS DISTURBED BY CONSTRUCTION SHALL BE REPLACED WITH BLOCK SOD OF A SIMILAR GRASS TO THAT EXISTING. ALL SEEDED OR SODDED AREAS SHALL RECEIVE SIX(6) INCHES OF TOPSOIL. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 21. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH. THE AREAS SHALL THEN BE SEEDED, IRRIGATED, AND STABILIZED AS SPECIFIED IN THE PLANS, AND MAINTAINED UNTIL SOIL IS STABILIZED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE STABILIZED AND MULCHED AS SHOWN ON THE LANDSCAPE, GRADING, AND EROSION CONTROL PLANS.
- 22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- 23. SOD MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
- 24. CONTRACTOR IS TO CONSTRUCT A STABILIZED CONSTRUCTION EXIT AT ALL PRIMARY POINTS OF ACCESS. THIS STABILIZED EXIT SHALL BE CONSTRUCTED PER N.C.T.O.N.G STANDARDS.
- 25. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE SWPPP MUST BE MADE READILY AVAILABLE AT THE TIME OF AN ON-SITE INSPECTION TO: THE EXECUTIVE DIRECTOR: A FEDERAL. STATE, OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, GRADING PLANS, OR STORMWATER MANAGEMENT PLANS; LOCAL GOVERNMENT OFFICIALS; AND THE OPERATOR OF A MUNICIPAL SEPARATE STORM SEWER (MS4) RECEIVING DISCHARGES FROM THE SITE.
- 26. ANY ENTITY THAT MEETS THE DEFINITION OF A "PRIMARY OPERATOR" FOR A LARGE CONSTRUCTION ACTIVITY (FIVE OR MORE ACRES) SHALL BE RESPONSIBLE FOR COMPLETING AND SUBMITTING A NOTICE OF INTENT (NOI) AND A NOTICE OF TERMINATION (NOT) WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ).
- 27. THE CONTRACTOR MUST CONSTRUCT AND MAINTAIN A PERMANENT STABLE PROTECTIVE COVER (GRASS) FOR EROSION AND SEDIMENT CONTROL ON ALL LAND SURFACES EXPOSED OR DISTURBED BY CONSTRUCTION OF THE PERMITTED PROJECT. THE PROTECTIVE COVER MUST BE INSTALLED WITHIN FOURTEEN DAYS AFTER FINAL GRADING OF THE AFFECTED LAND SURFACE. A PERMANENT STABLE COVER MUST BE ESTABLISHED WITHIN 60 DAYS OF IT'S INSTALLATION.
- 28. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE AS-BUILT PLANS IDENTIFYING ALL DEVIATIONS OR VARIATIONS OF ORIGINAL PLANS. AS-BUILT PLANS ARE SUBSIDIARY TO ALL OTHER BID ITEMS AND SHALL NOT BE PAID FOR AS A SEPARATE LINE ITEM.
- 29. DURING CONSTRUCTION, ALL MATERIAL TESTING SHALL BE COORDINATED WITH THE CITY OF BARTONVILLE CONSTRUCTION INSPECTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CITY STANDARD SPECIFICATIONS. ALL SOILS TESTING IS THE RESPONSIBILITY OF AND WILL BE PAID FOR BY THE CONTRACTOR. MATERIAL TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY.
- 30. ALL EXISTING TRAFFIC AND STREET SIGNS DISTURBED SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
- 31. ALL EXISTING SHRUBS, TREES, PLANTING, AND OTHER VEGETATION, OUTSIDE OF PROPERTY LIMITS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST.
- 32. THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. DURING ALL CONSTRUCTION PHASES.
- 33. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS OFFSITE FROM THE EXISTING ROADWAYS AND PROJECT SITE THAT ARE A RESULT OF THE PROPOSED CONSTRUCTION AS REQUESTED BY THE CITY OF BARTONVILLE AND THE LANTANA WATER DISTRICT. AT A MINIMUM, THIS TASK SHOULD OCCUR ONCE A WEEK.
- 34. WATER SHALL NOT BE PERMITTED IN OPEN TRENCHES DURING CONSTRUCTION.
- 35. CONTRACTOR SHALL CONTACT THE DESIGNATED CONSTRUCTION INSPECTOR ASSIGNED TO THIS PROJECT AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION.
- 36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A TRENCH SAFETY PLAN TO THE CITY OF BARTONVILLE AT THE TIME OF THE PRECONSTRUCTION MEETING, OR PRIOR TO BEGINNING CONSTRUCTION OF THESE IMPROVEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION IN EXCESS OF FIVE FEET IN DEPTH. NO OPEN TRENCHES WILL BE ALLOWED OVERNIGHT WITHOUT THE PRIOR SPECIFIC WRITTEN APPROVAL OF THE CITY OF BARTONVILLE, OR DESIGNATED REPRESENTATIVE. ONSITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 37. CONTRACTOR TO REVIEW DESIGN INTENT OF THESE PLANS AND SUBMIT REQUESTS-FOR-INFORMATION IN A TIMELY MANNER PRIOR TO COMMENCING THAT WORK.
- 38. ALL APPURTENANCES INSTALLED IN PAVEMENT AREAS SHALL BE ADJUSTED AS REQUIRED TO BE FLUSH WITH FINISHED PAVEMENT.
- 39. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR COMPLETING AND IMPLEMENTING TRAFFIC CONTROL PLAN.

### PAVING & STRIPING NOTES

1. ALL CONSTRUCTION SHALL BE IN GENERAL ACCORDANCE WITH THESE PLANS, CITY OF BARTONVILLE, TX AND LANTANA WATER DISTRICT STANDARD SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS.

2. TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN APPROVED AGENCY FOR TESTING MATERIALS. THE NOMINATION OF THE TESTING LABORATORY AND THE PAVEMENT OF SUCH TESTING SERVICES SHALL BE MADE BY THE CONTRACTOR. THE OWNER SHALL APPROVE THE LABORATORY NOMINATED TO DO THE TESTING OF MATERIALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW BY STANDARD TESTING PROCEDURES THAT THE WORK CONSTRUCTED DOES MEET THE REQUIREMENTS OF THE CITY'S SPECIFICATIONS AND THESE PLANS.

3. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAY APPROACHES PER CITY STANDARDS. 4. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS

5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT FOR PAVEMENT MARKINGS SHALL ADHERE TO SECTION 2.9 OF THE

6. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN.

7. REFER TO GEOTECHNICAL REPORT FOR REINFORCEMENT STEEL

N.C.T.C.O.G. STANDARD SPECIFICATIONS UNDER "TRAFFIC PAINT".

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

8. REFER TO GEOTECHNICAL REPORT FOR SOIL COMPACTION SPECIFICATION.

9. FIRE LANES SHALL BE DESIGNATED BY CONTINUOUS PAINTED LINES FOUR (4) INCHES IN WIDTH ON EACH SIDE OF THE FIRE LANE STARTING AT THE ENTRANCE FROM THE STREET AND TO BE CONTINUED TO THE EXIT. SUCH LINES SHALL BE BRIGHT RED IN COLOR.

10. FIRE LANES ADJACENT TO CURBS SHALL BE OUTLINED BY A FOUR (4) INCH WIDE STRIP PAINTED BRIGHT RED IN COLOR ALONG THE CURB'S GUTTER LINE.

11. THE WORDS "FIRE LANE" AND "NO PARKING" SHALL BE STENCILED IN FOUR (4) INCH HIGH WHITE LETTERS ALTERNATELY EVERY FIFTEEN (15) FEET ALONG THE RED FIRE LANE STRIPES.

12. ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT THAT IS MOST CURRENT.

13. REFERENCE LANDSCAPE PLANS FOR LOCATION AND TYPE OF HANDICAP RAMPS TO BE PROVIDED AND FOR FLATWORK.

14. CONTRACTOR RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY CITY OF BARTONVILLE, TX OF TRAFFIC CONTROL PLAN PRIOR TO START OF CONSTRUCTION.

15. SIDEWALKS ADJACENT TO CURB SHALL BE CONNECTED TO BACK OF CURB USING LONGITUDINAL BUTT JOINT.

16. UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE LOCATED OUT OF THE PEDESTRIAN AND AUTOMOBILE ROUTES AND SHALL BE LOCATED BETWEEN THREE TO FIVE FEET BEHIND THE NEAREST BACK OF CURB. SIGN HEIGHT, LOCATION, AND STRUCTURE SHALL BE SUCH THAT THE SIGNS POSE NO THREAT TO PUBLIC SAFETY.

17. UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED, FIELD ADJUSTMENTS OF LOCATION AND ORIENTATION OF THE SIGNS ARE TO BE MADE TO ACCOMPLISH THIS.

18. THE CONTRACTOR FOR THE PROJECT SHALL NOT PLACE ANY PERMANENT PAVEMENT UNTIL ALL SLEEVING FOR ELECTRIC, GAS, TELEPHONE, CABLE TV, SITE IRRIGATION, OR ANY OTHER UNDERGROUND UTILITY HAS BEEN INSTALLED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THAT ALL SLEEVING IS IN PLACE PRIOR TO PLACEMENT OF PERMANENT PAVEMENT.

19. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE HANDICAPPED ROUTES (PER A.D.A. & T.A.S) EXIST TO AND FROM EVERY DOOR. IN NO CASE SHALL HANDICAP RAMP SLOPES EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPES EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPES EXCEED 5.0 PERCENT. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR A.D.A. AND T.A.S. COMPLIANCE ISSUES.

20. CONTRACTOR TO INSTALL CONSTRUCTION JOINTS IN CONCRETE PAVEMENT AT ALL PC'S AND AS CONVENIENT TO PHASING OF POURS, WITH EXPANSION JOINTS EVERY 150 FEET IN BOTH DIRECTIONS AND SAWED DUMMY JOINTS EVERY 15 FEET IN BOTH DIRECTIONS.

21. FIRE LANES SHALL REMAIN OPEN/ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION: FIRE LANE SHALL BE INSTALLED & ACCEPTED BY THE CITY PRIOR TO ANY CONSTRUCTION ABOVE THE FOUNDATION.

22. ALL CONCRETE FOR PAVING SHALL BE AIR ENTRAINED WITH A TOTAL AIR CONTENT OF 4.5% PLUS OR MINUS 1.5%.

### **GRADING NOTES**

1. ALL CONSTRUCTION SHALL BE IN GENERAL ACCORDANCE WITH THESE PLANS, LANTANA WATER DISTRICT, N.C.T.C.O.G. STANDARD SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS.

2. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREAS REFLECT TOP OF PAVEMENT SURFACE. ADD .50' TO PAVING GRADE FOR TOP OF CURB GRADE. THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF PAVEMENT.

3. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES (OR OTHER METHODS APPROVED BY THE ENGINEER AND CITY) AS REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, OR LOCAL EROSION, CONSERVATION, AND SILTATION REQUIREMENTS. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION. CONTRACTOR IS RESPONSIBLE FOR FILING N.O.I. AND N.O.T. WITH THE TCEQ. CONTRACTOR SOLELY RESPONSIBLE FOR ALL MANDATED SWPPP RECORD KEEPING AND REPORTING.

4. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY THE GRADING CONTRACTOR AT HIS EXPENSE.

5. BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF PAVEMENT AND OTHER ITEMS ESTABLISHED BY THE PLANS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.

6. REFERENCE STRUCTURAL DRAWINGS AND SPECIFICATIONS AND GEOTECHNICAL REPORT FOR BUILDING PAD AND PAVING SUBGRADE INFORMATION.

7. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND MOISTURE CONDITION ALL FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.

8. GRADING CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS.

9. TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN APPROVED AGENCY FOR TESTING MATERIALS. THE NOMINATION OF THE TESTING LABORATORY AND THE PAYMENTS FOR SUCH TESTING SERVICES SHALL BE MADE BY THE CONTRACTOR. THE OWNER SHALL APPROVE THE LABORATORY NOMINATED TO DO THE TESTING OF MATERIALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW BY STANDARD TESTING PROCEDURES THAT THE WORK CONSTRUCTED DOES MEET THE REQUIREMENTS OF THE CITY'S SPECIFICATIONS AND THESE PLANS.

10. PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY.

11. REFER TO SITE PLAN AND/OR DIMENSION CONTROL PLAN AND FINAL PLAT FOR HORIZONTAL DIMENSIONS.

12. REFER TO EROSION CONTROL PLAN FOR EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION.

13. NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES SHALL BE PRESERVED WHENEVER POSSIBLE.

14. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO COMMENCING CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BEFORE CONSTRUCTION COMMENCES.

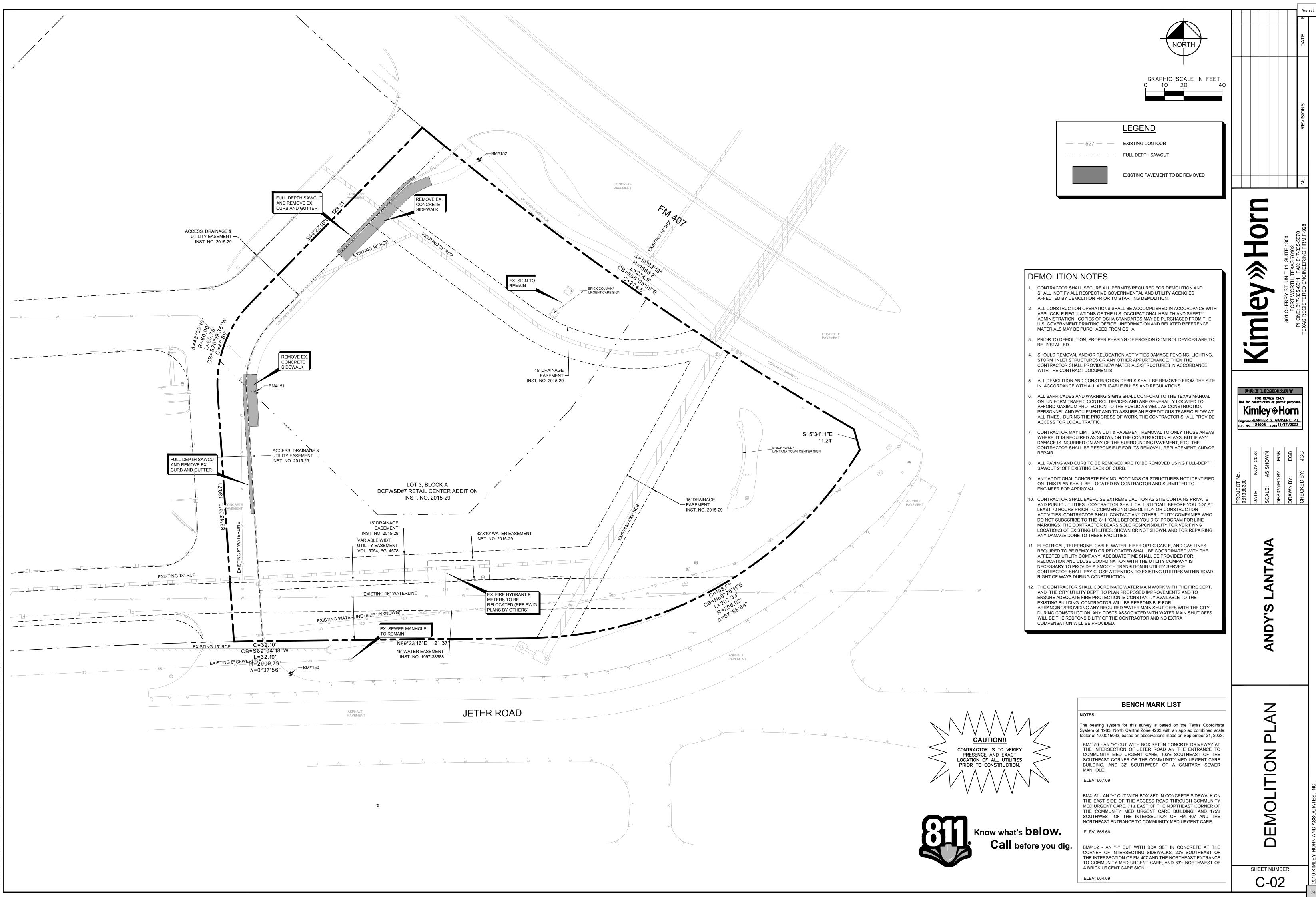
15. AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT. CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO CONVEY STORM RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.

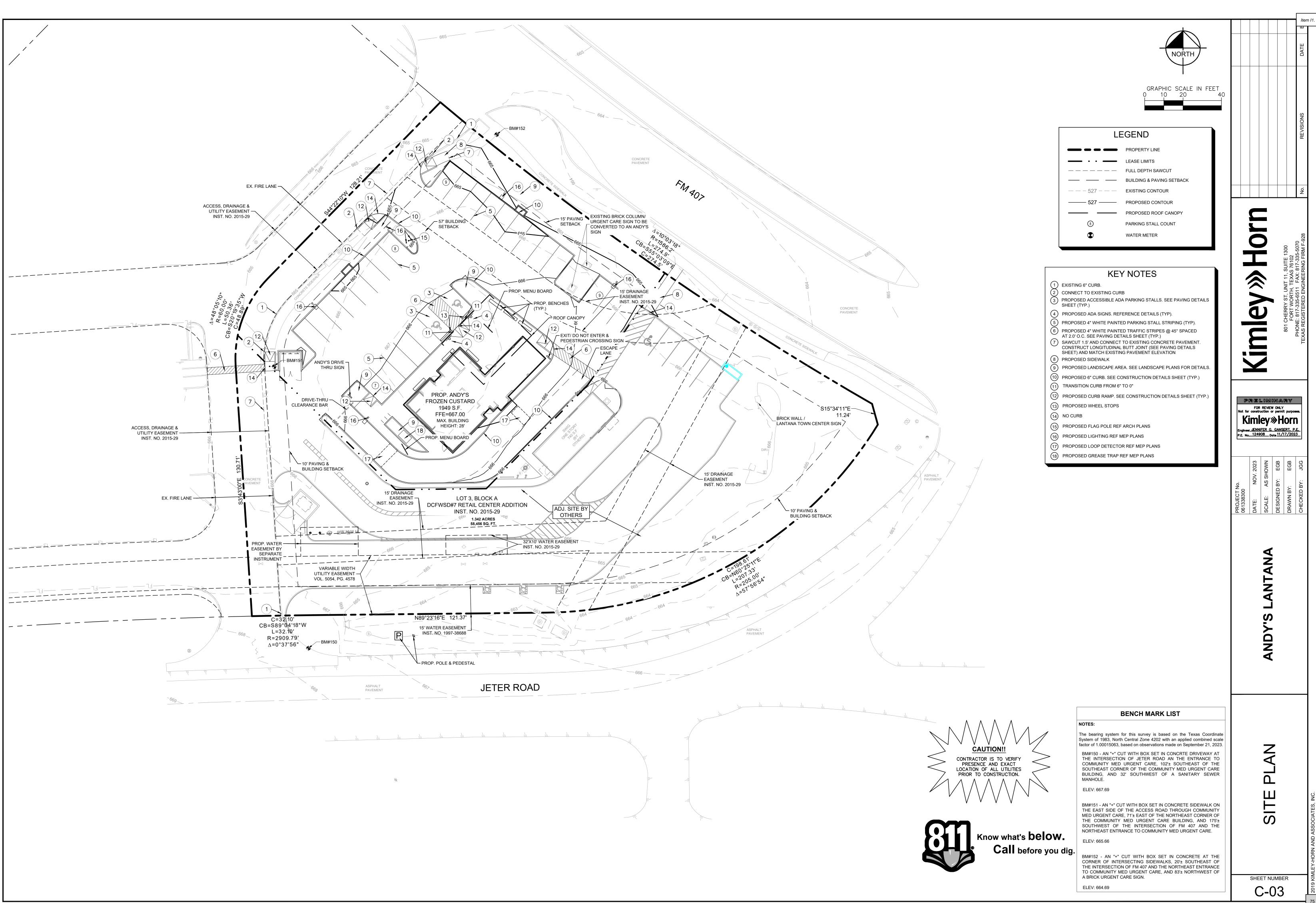
			Item I1.
<b>ст</b> 2	RM SEWER NOTES		
<u>SIC</u> 1.	THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL		DATE
••	EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR		
	PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN		
2.	EXPENSE. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER.		
3.	THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER.		SNOI
4.	THE INSPECTOR SHALL INSPECT ALL "PUBLIC" CONSTRUCTION. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.		REVISIONS
5.	ALL PVC TO RCP CONNECTIONS SHALL BE CONSTRUCTED WITH CONCRETE COLLARS.		
6.	ALL OFFSITE STORM SEWER LINES SHALL BE MINIMUM CLASS III RCP. ONSITE STORM SEWER LINES 18" AND GREATER MAY BE CLASS III RCP. ALL PRIVATE STORM SHALL BE NOTED AS ON PLANS. CONTRACTOR TO CONTACT ENGINEER WITH QUESTIONS ABOUT PIPE MATERIAL PRIOR TO ORDERING. IF USING HDPE, CONTRACTOR SHALL SUBMIT TECHNICAL DATA TO PROJECT ENGINEER AND CITY ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIAL.		
7.	ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS, LATEST EDITION, AND ANY SPECIAL PROVISION AS APPROVED BY THE CITY OF BARTONVILLE, TX.		<u> </u>
8.	THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR ALL STORM SEWER LINES AND OTHER UTILITIES.		
9.	EMBEDMENT FOR ALL ONSITE SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER N.C.T.C.O.G.		
10			1300 5-5070 IRM F-928
	REFER TO TCEQ DESIGN GUIDELINES (CHAPTER 290) FOR ALL UTILITY CROSSINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND IMPLEMENTING A TRENCH		JITE 1. 76102 17-335 NG FIF
	PROTECTION PLAN FOR ALL OPEN TRENCH EXCAVATION.		11, SL XAS 7 AX: 81 LEERIN
12.	USE 4 FOOT JOINTS WITH BEVELED ENDS IF RADIUS OF STORM SEWER IS LESS THAN 100 FEET.		UNIT 111, TE 511 F ENGIN
13.	ALL PRIVATE LANDSCAPE AREA DRAINS SHALL BE OF MATERIAL APPROVED BY BOTH ENGINEER AND LANDSCAPE ARCHITECT.		KY ST, WOR <sup>335-66</sup>
			HERF SORT SIT-1
			801 C
<u>WA1</u> 1	ER AND SANITARY SEWER NOTES ALL MATERIALS AND WORKMANSHIP TO CONFORM TO THE N.C.T.C.O.G. STANDARDS AND DETAILS.		
2.	WATER MAINS SHALL BE PVC C-900 DR 14, EXCEPT WHEN OTHERWISE NOTED.		
3.	SEWER PIPE SHALL BE MINIMUM SDR 35 PVC OR ULTRA RIB PVC SDR 26.		
4.	WATER MAINS SHALL HAVE THE FOLLOWING MINIMUM COVER BELOW STREET GRADES: SIZE COVER		
	6"     4.0'       8"     4.0'		Preliminary
	10" 4.0' 12" 4.0' LARGER AS SHOWN ON PLANS		FOR REVIEW ONLY Not for construction or permit purposes.
5.	PLASTIC TAPE FOR UTILITY SERVICES SHALL BE ATTACHED TO THE ENDS OF ALL WATER AND SEWER SERVICE LINES AND EXTEND ABOVE GROUND LEVEL. THE TAPE SHALL MEET THE FOLLOWING SPECIFICATION: A. "NCTCOG MARKING TAPE" OR APPROVED EQUAL.		Kimley » Horn Engineer_JENNIFER G. GANSERT, P.E. P.E. No. 124908 Date 11/17/2023
	<ul> <li>B. ROLL MARKED CONTINUOUSLY, "CAUTION WATER LINE" OR "CAUTION SEWER LINE".</li> <li>C. SIX (6) INCHES IN WIDTH.</li> <li>D. RED TAPE FOR SEWER SERVICES.</li> <li>E. BLUE TAPE FOR WATER SERVICES.</li> </ul>		JV. 2023 SHOWN EGB JGG JGG
6.	IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY EXACT LOCATIONS OF EXISTING PUBLIC AND PRIVATE UTILITIES AND SERVICES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL CALL 811 FOR FIELD LOCATION OF EXISTING UTILITIES. CALL AT LEAST 48 HOURS BEFORE LOCATIONS ARE NEEDED. NOTE THAT THE DIG TESS SERVICE DOES NOT LOCATE ALL UTILITIES, ONLY THOSE REGISTERED WITH THE SERVICE.		PROJECT No. 061338300 DATE: NOV. SCALE: AS SH SCALE: AS SH DESIGNED BY: DRAWN BY: CHECKED BY:
7.	REFER TO SITE GRADING PLANS, PAVING PLANS, AND LANDSCAPE PLANS FOR FINAL GRADES FOR DETERMINING PROPOSED MANHOLE RIM ELEVATIONS.		DA CH DR SC A
8.	LOCATIONS AND SIZES OF EXISTING PUBLIC AND PRIVATE UTILITIES SHOWN ON THESE PLANS ARE FROM CITY AND UTILITY COMPANY RECORDS ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING ALL UTILITIES AND FOR DAMAGES RESULTING FROM FAILURE TO DO SO.		
9.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "RECORD" PLANS TO THE ENGINEER SHOWING THE LOCATION OF WATER AND SEWER SERVICES AND ANY DEVIATIONS FROM PLANS MADE DURING CONSTRUCTION.		ANA
10.			
11.	ALL WATER AND SANITARY SEWER SERVICES SHALL TERMINATE FIVE (5) FEET OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE.		
12.	THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE UTILITIES. ALL PUBLIC PIPE, STRUCTURES, AND FITTINGS SHALL BE INSPECTED BY THE CITY INSPECTOR PRIOR TO BEING COVERED. THE INSPECTOR MUST ALSO BE PRESENT DURING DISINFECTION AND PRESSURE TESTING OF ALL MAINS. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.	ANY DISCREPANCIES BETWEEN THE GENERAL NOTES ON THIS SHEET AND THE CITIES GENERAL NOTES, SPECIFICATIONS, OR STANDARD DETAILS SHALL BE WHICHEVER IS MORE RESTRICTIVE AS DETERMINED BY THE CITY INSPECTOR.	ANDY'S
13.	THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE TRENCH SAFETY DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A TRENCH EXCAVATION PROTECTION PLAN, SEALED BY A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF TEXAS, FOR ALL TRENCHES DEEPER THAN FIVE (5) FEET.		<b>A</b>
14.	THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR ALL WATER AND SANITARY SEWER LINES AND OTHER UTILITIES.	UTILITY CONTACTS	
15.		COSERV ELECTRIC	
16.	CONTRACTOR TO SEQUENCE CONSTRUCTION AS TO AVOID INTERRUPTION OF WATER OR SANITARY SEWER SERVICE TO SURROUNDING AREAS.	CONTACT: KEVITT VALLEY (940) 321-7800 ASTOUND	
17.	EXISTING MANHOLE TOPS, VALVE BOXES, ETC. ARE TO BE ADJUSTED AS REQUIRED TO MATCH	CONTACT: MARIO PRIBADI (214) 618-5544 FRONTIER	
4.0	PROPOSED GRADES.	CONTACT: TERI WENTWORTH (214) 701-1658	
	FIRE HYDRANTS SHALL BE LOCATED A MINIMUM OF TWO (3) FEET AND A MAXIMUM OF SIX (6) FEET BEHIND THE CURB LINE OF FIRE LANE AND STREET. ALL FIRE HYDRANTS SHALL BE MUELLER CENTURION.	COSERV GAS CONTACT: AFTON REEVES (940) 321-7800	
19.	ANY WATER OR SANITARY SEWER SERVICE LOCATED OUTSIDE OF A STREET, ALLEY OR EASEMENT SHALL BE INSTALLED BY A PLUMBER AND BE INSPECTED BY A LANTANA PLUMBING INSPECTOR.		
			BHEET NUMBER INCLEA-HORN AND ASSOCIATES, INC
			Y-HOR

6"	4.0'	
8"	4.0'	
10"	4.0'	
12"	4.0'	
LARGER	AS SHOWN ON PLANS	

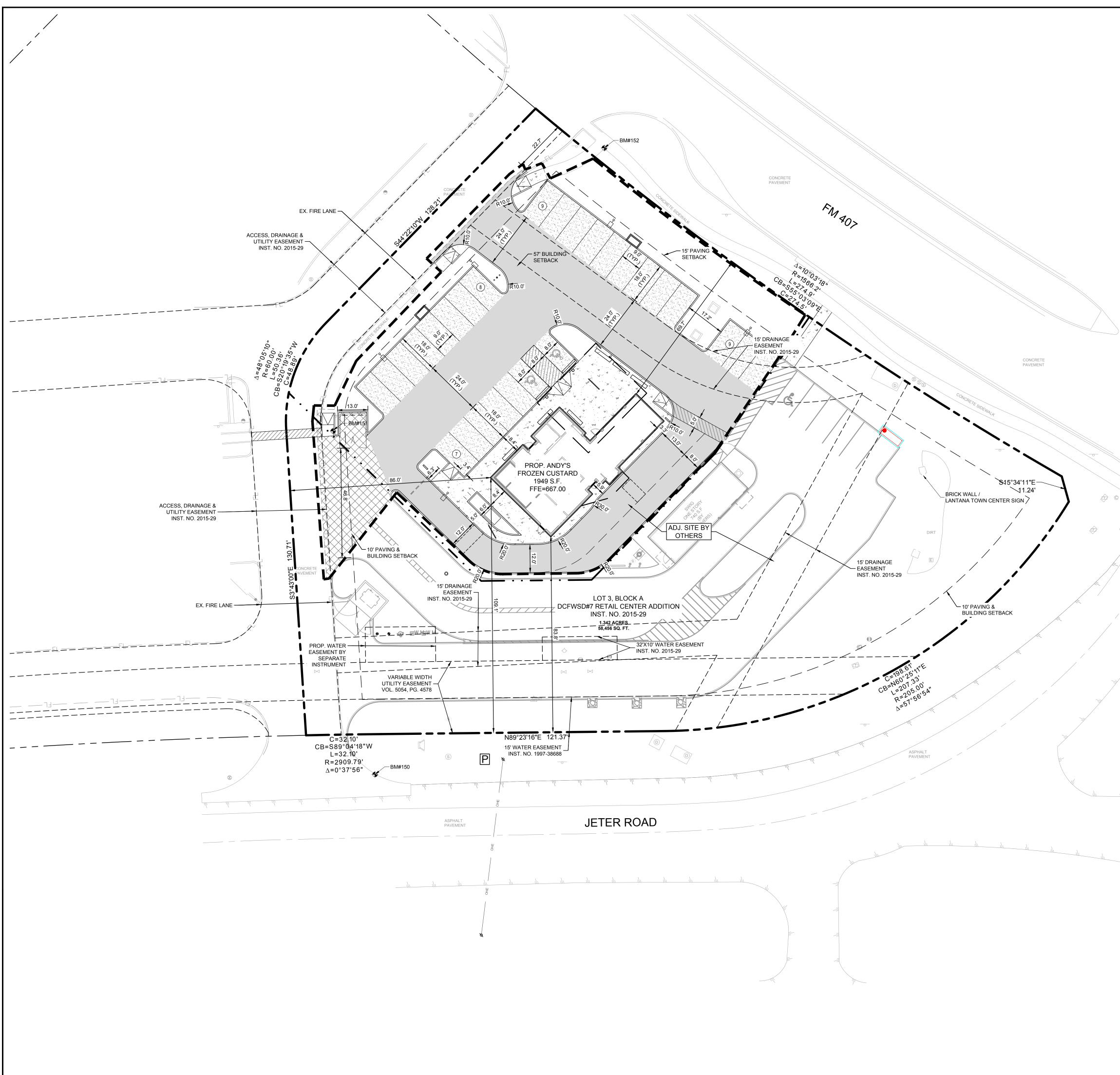
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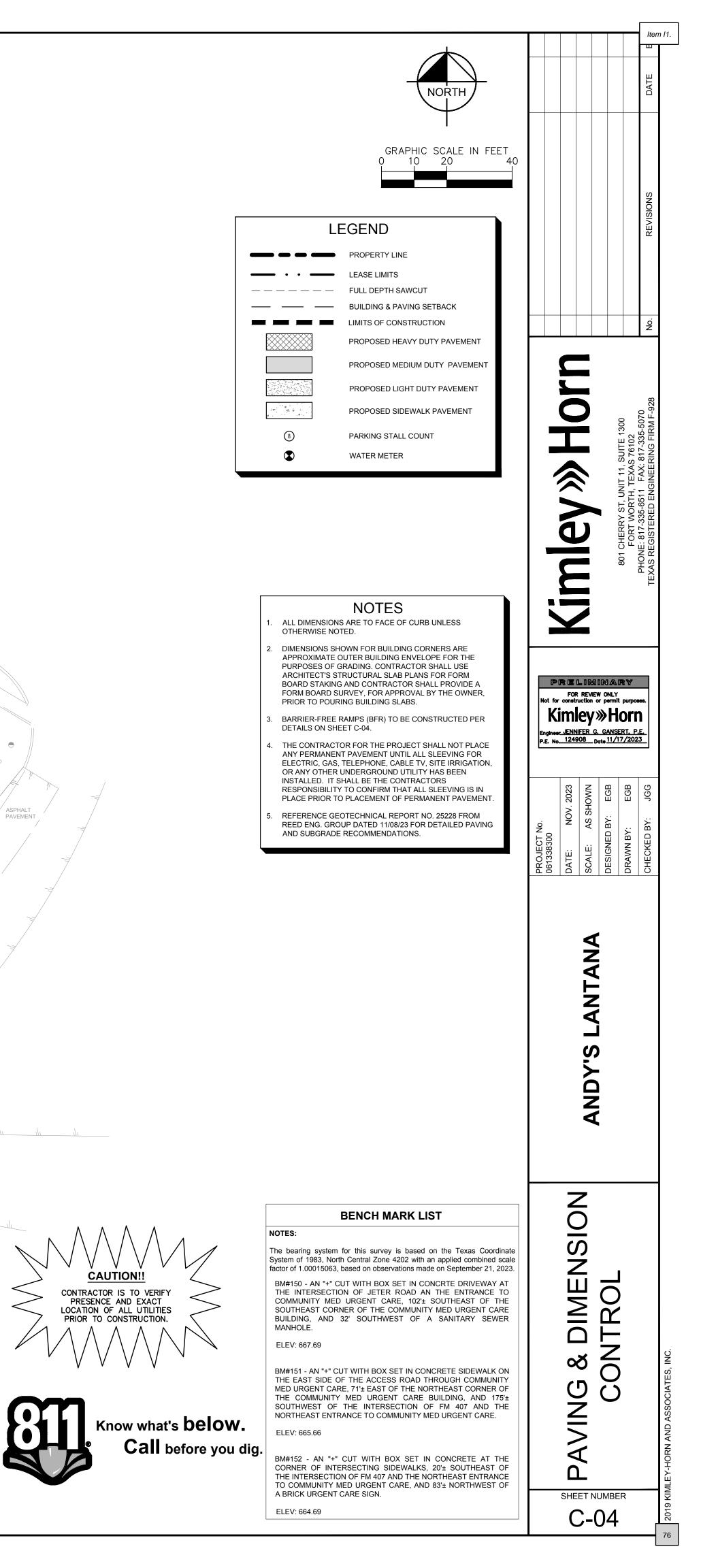


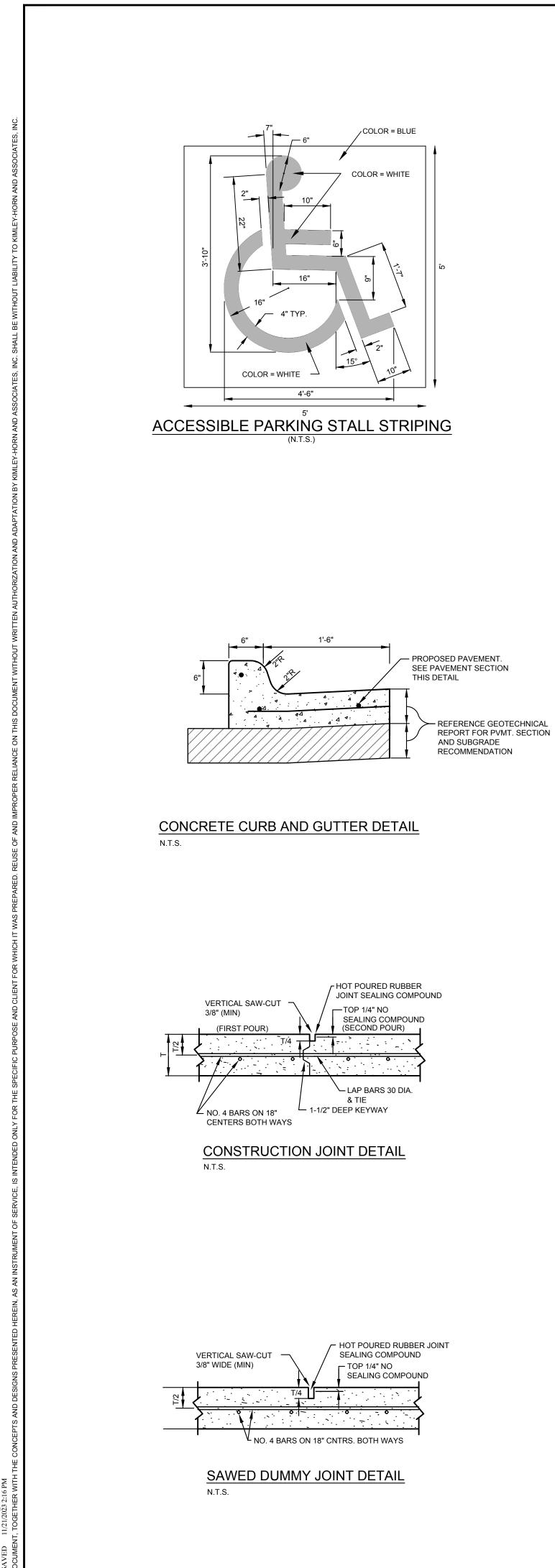




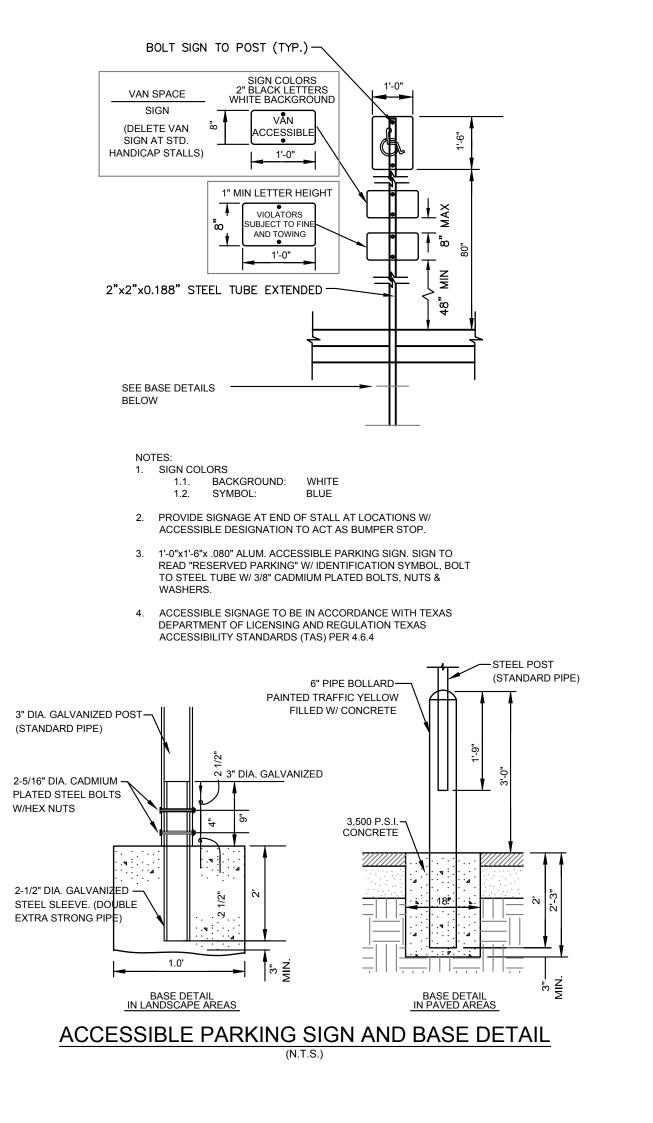
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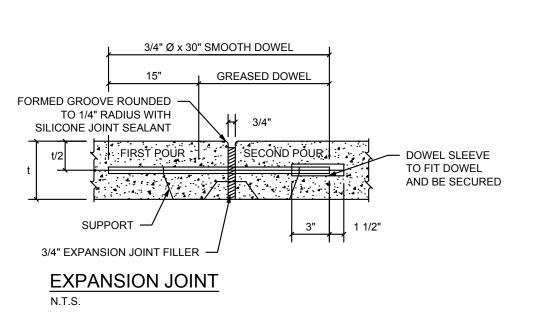


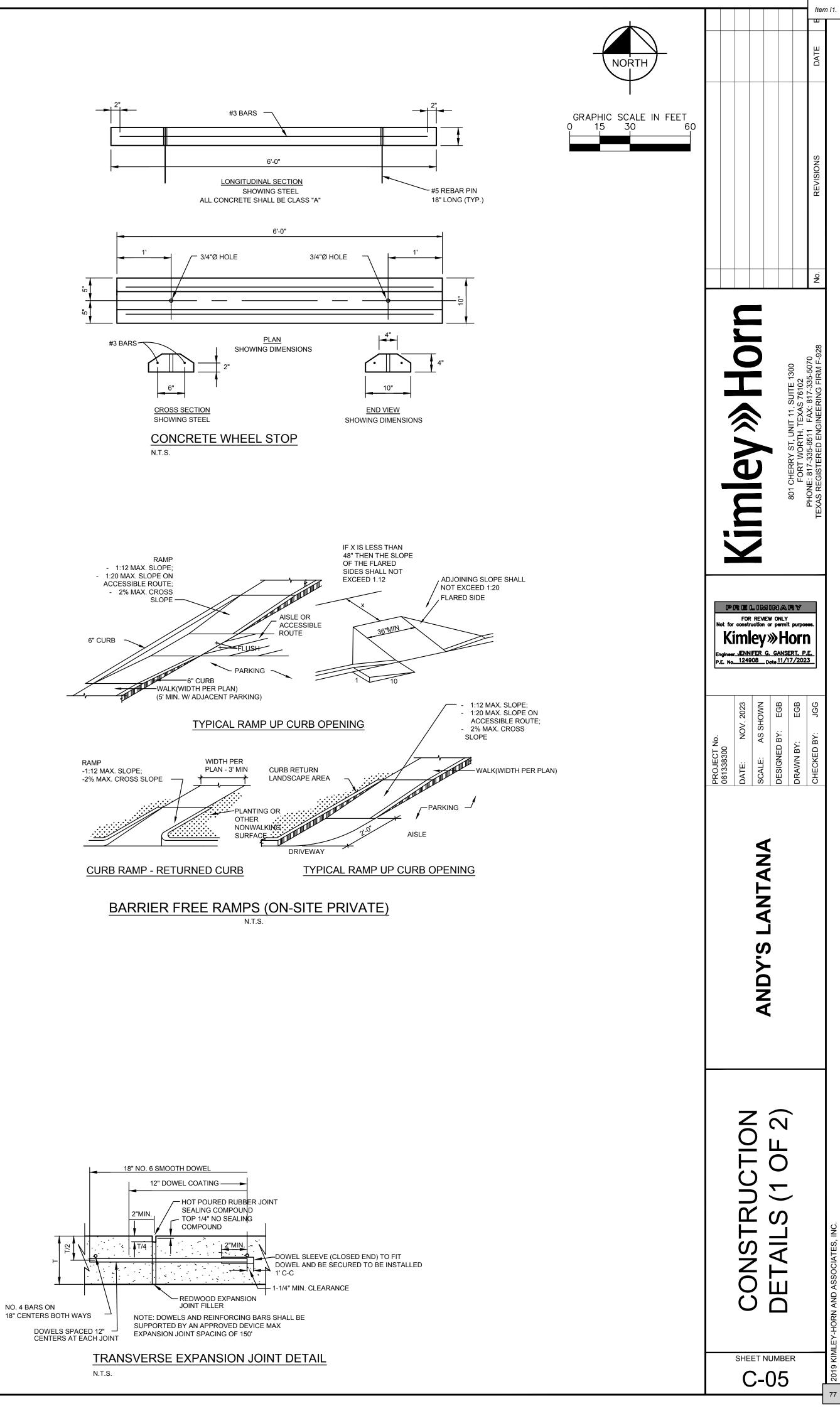


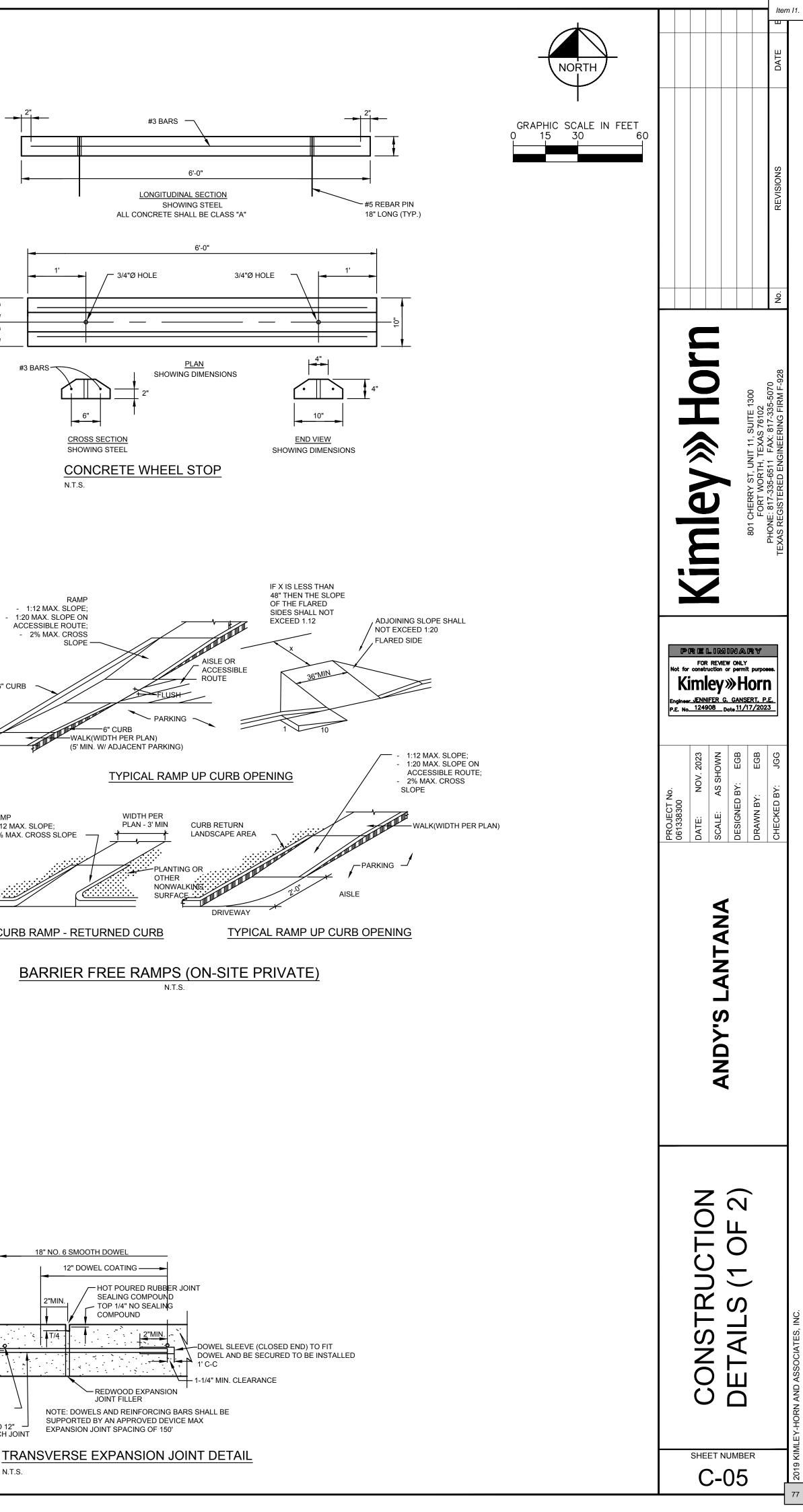


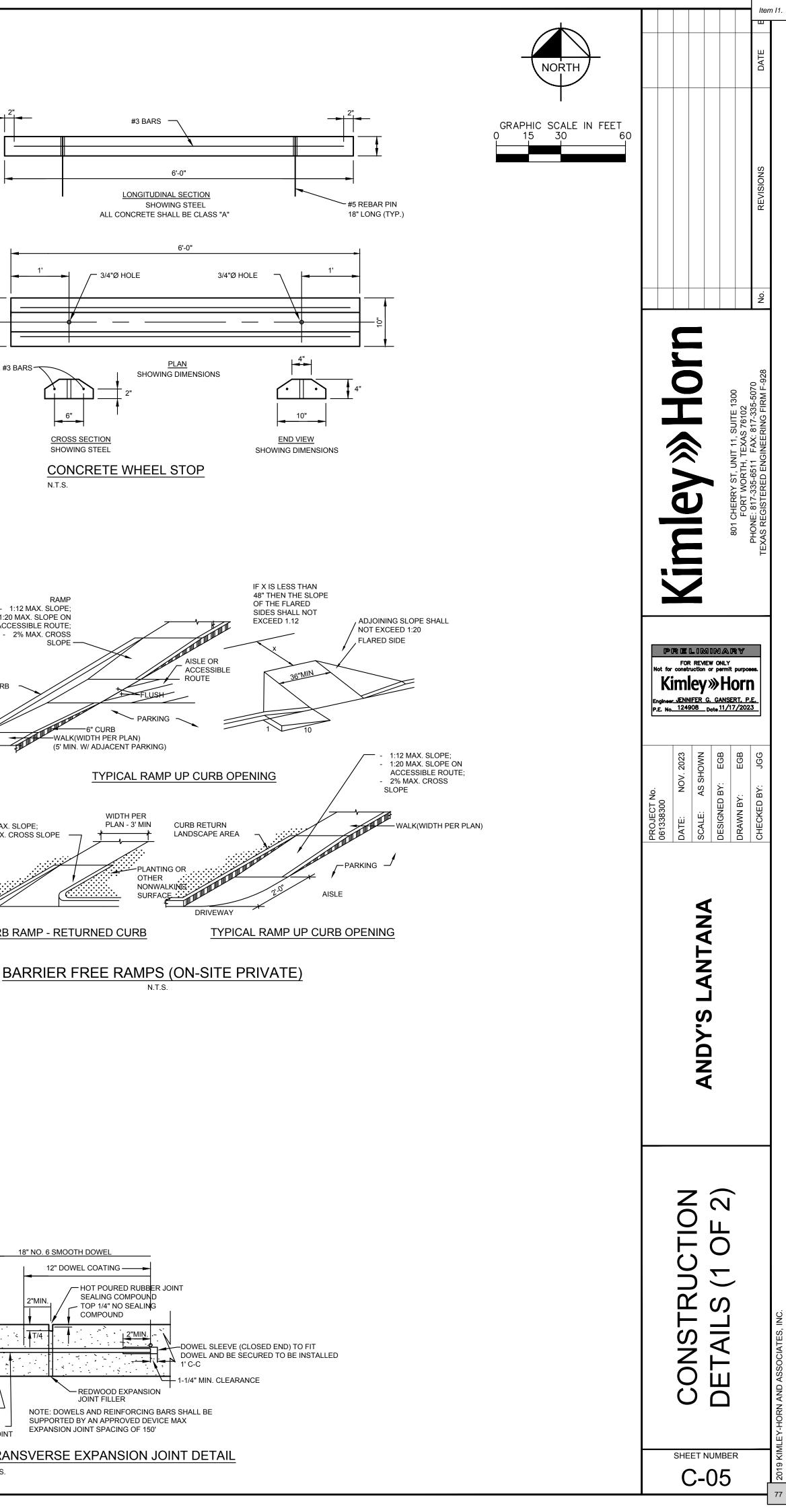
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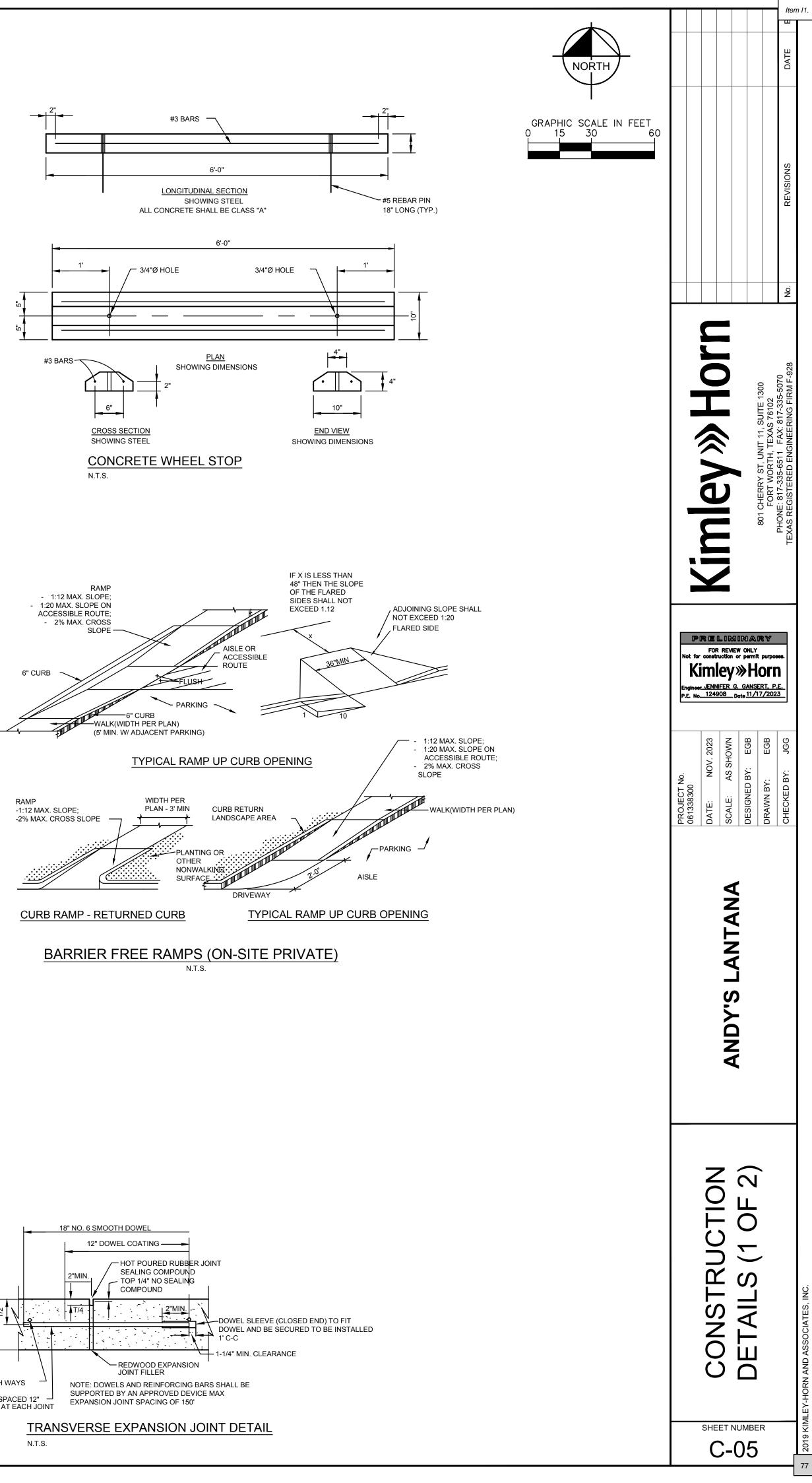


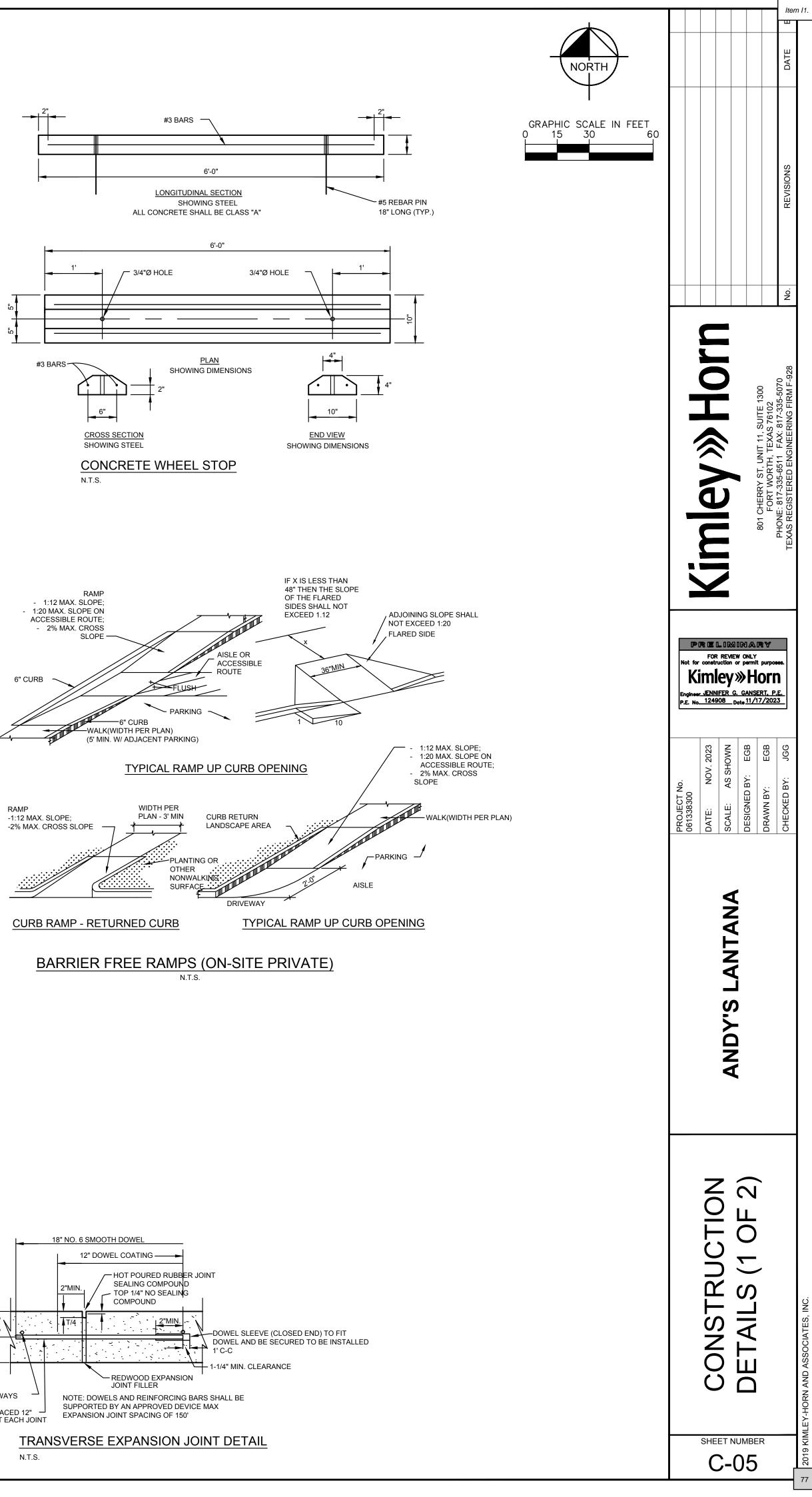


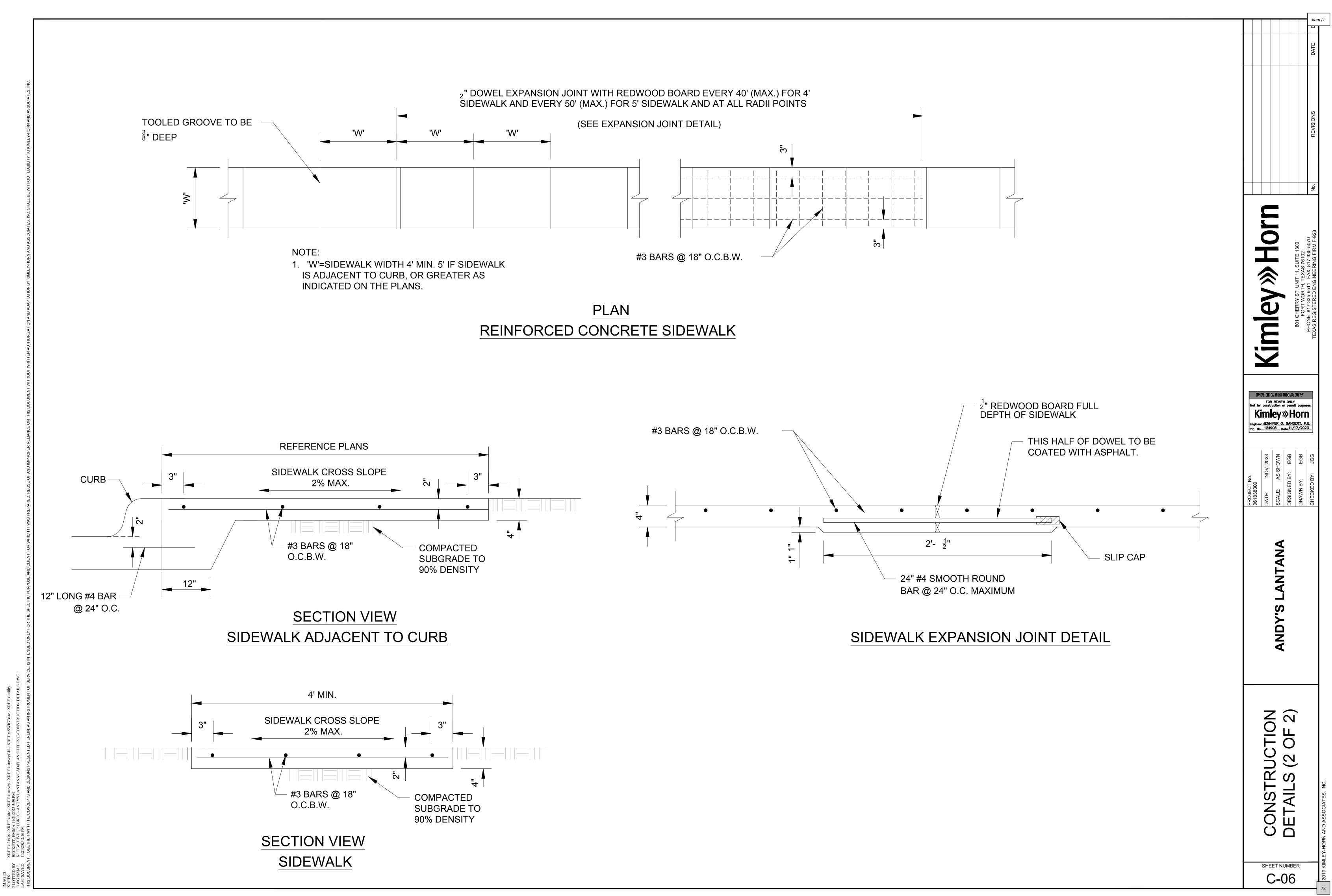




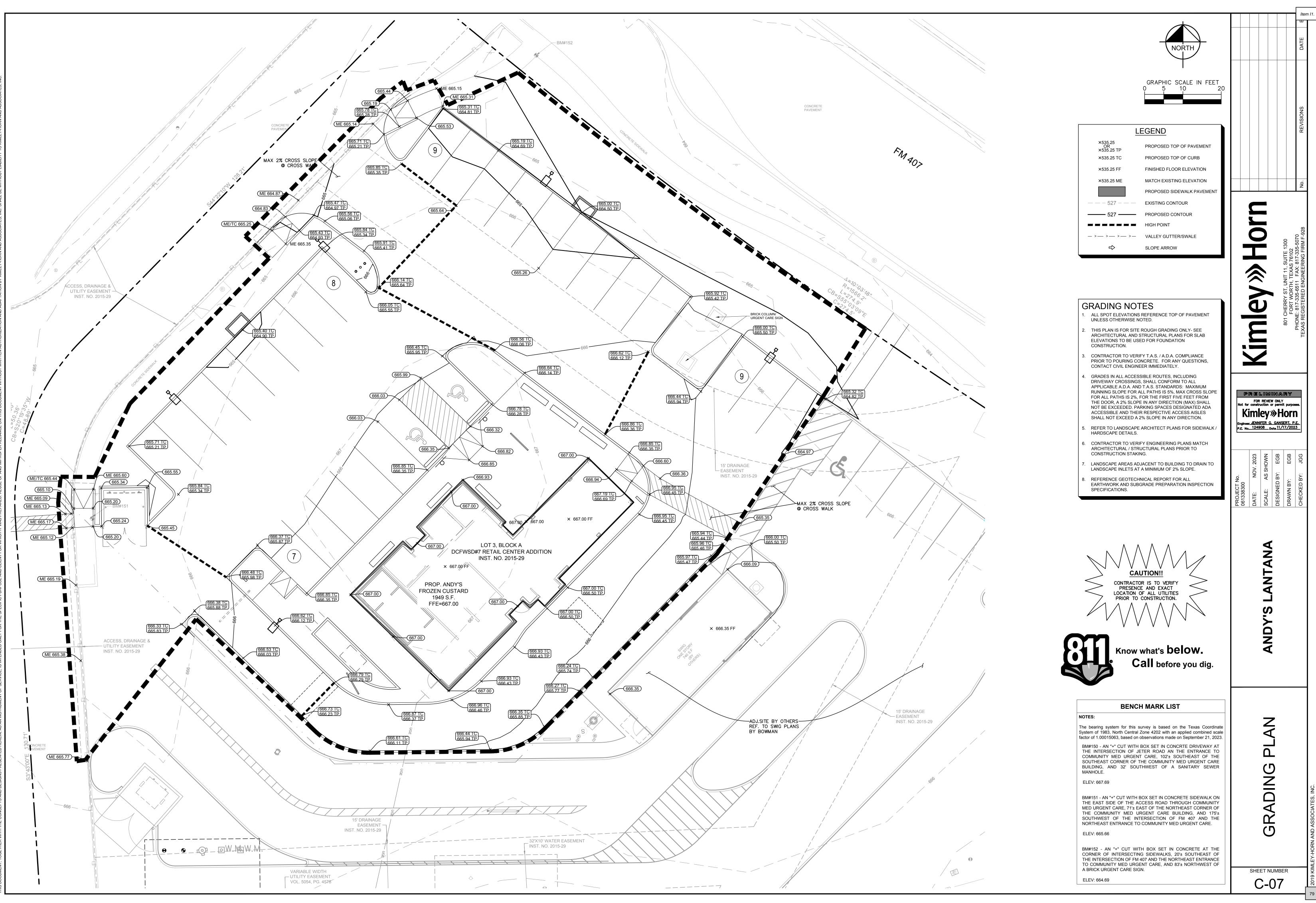




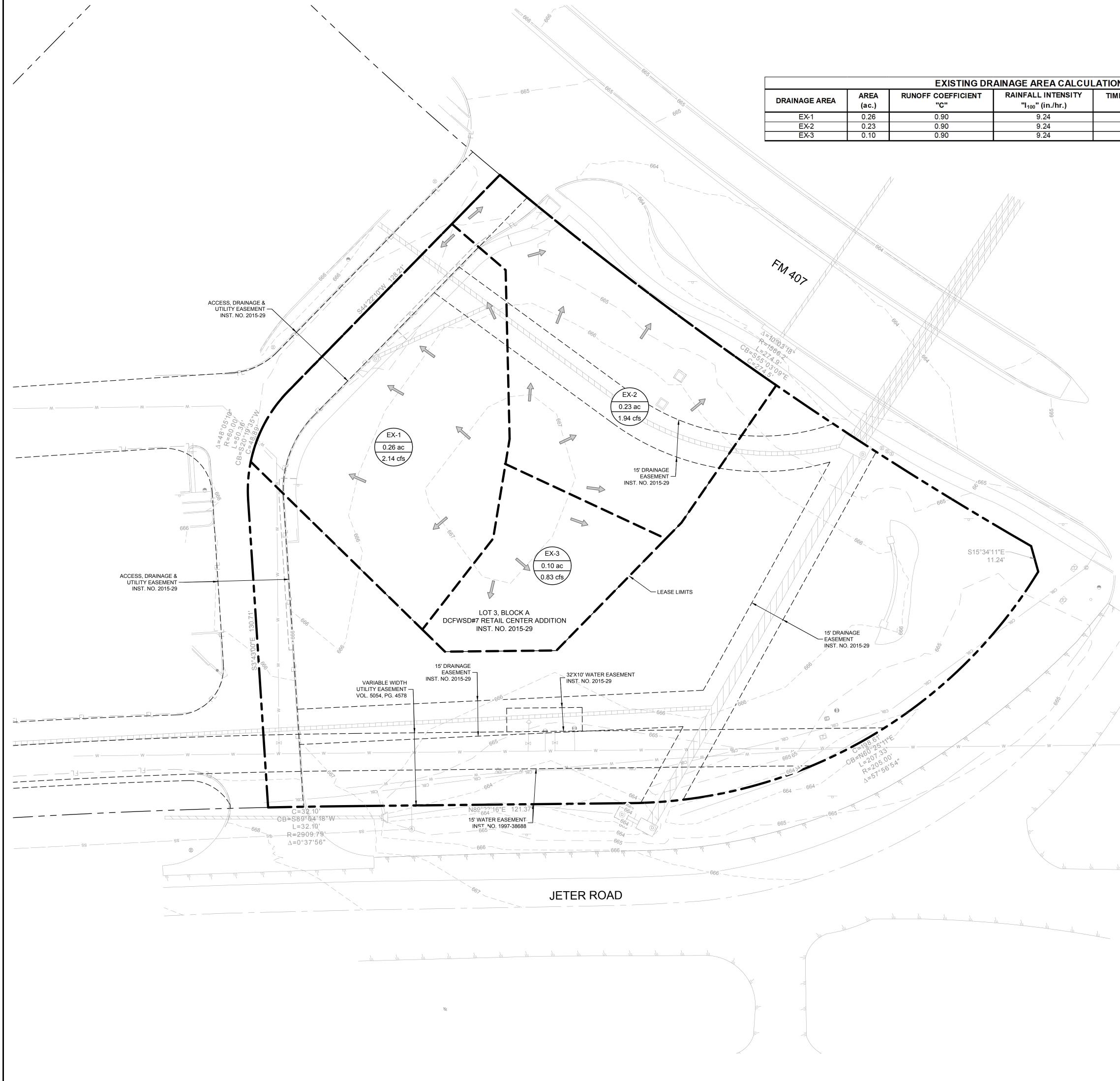




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	ONS		
10       1.94         10       0.83	TOTAL FLOW Que (cts)		
LEGEND With the second	10 1.94		
	10 0.83	DA-X DA-X DA-X DRAINAGE AREA NUMBER ACREAGE DO-YEAR FLOW DO-YEAR FLOW DRAINAGE DIVIDE DIRECTION OF FLOW Q=C*C <sub>A</sub> *I*A Q=DESIGN DISCHARGE (CFS) C=RATIONAL METHOD RUNOFF COEFFICIENT C <sub>A</sub> =RATIONAL METHOD ANTECEDENT PRECIPITATION FACTOR I=RAINFALL INTENSITY (INCHES/HOUR) A=DRAINAGE AREA (ACRES) <b>NOTES</b> 1. RAINFALL INTENSITIES BASED ON AS-BUILT PLANS FOR LANTANA TOWN CENTER, BY WINKELMEN & ASSOCIATES, INC. DATED 11/25/2013. 2. RUNOFF COEFFICIENT BASED ON AS-BUILT PLANS	
		FOR LANTANA TOWN CENTER, BY WINKELMEN &	
W W			
	W W		
NOTES: NOTES:	CAUTION!! CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES	The bearing system for this survey is based on the Texas Coordinate System of 1983, North Central Zone 4202 with an applied combined scale factor of 1.00015063, based on observations made on September 21, 2023. BM#150 - AN "+" CUT WITH BOX SET IN CONCRTE DRIVEWAY AT THE INTERSECTION OF JETER ROAD AN THE ENTRANCE TO COMMUNITY MED URGENT CARE, 102'± SOUTHEAST OF THE SOUTHEAST CORNER OF THE COMMUNITY MED URGENT CARE BUILDING, AND 32' SOUTHWEST OF A SANITARY SEWER MANHOLE. ELEV: 667.69 BM#151 - AN "+" CUT WITH BOX SET IN CONCRETE SIDEWALK ON	

Item I1.

Kimley»Horn

PRELIMINARY FOR REVIEW ONLY Not for construction or permit purposes.

Kimley»Horn

Engineer JENNIFER G. GANSERT. P.E. P.E. No. 124908 Date 11/17/2023

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BM#151 - AN "+" CUT WITH BOX SET IN CONCRETE SIDEWALK ON THE EAST SIDE OF THE ACCESS ROAD THROUGH COMMUNITY MED URGENT CARE, 71'± EAST OF THE NORTHEAST CORNER OF THE COMMUNITY MED URGENT CARE BUILDING, AND 175'± SOUTHWEST OF THE INTERSECTION OF FM 407 AND THE NORTHEAST ENTRANCE TO COMMUNITY MED URGENT CARE. ELEV: 665.66

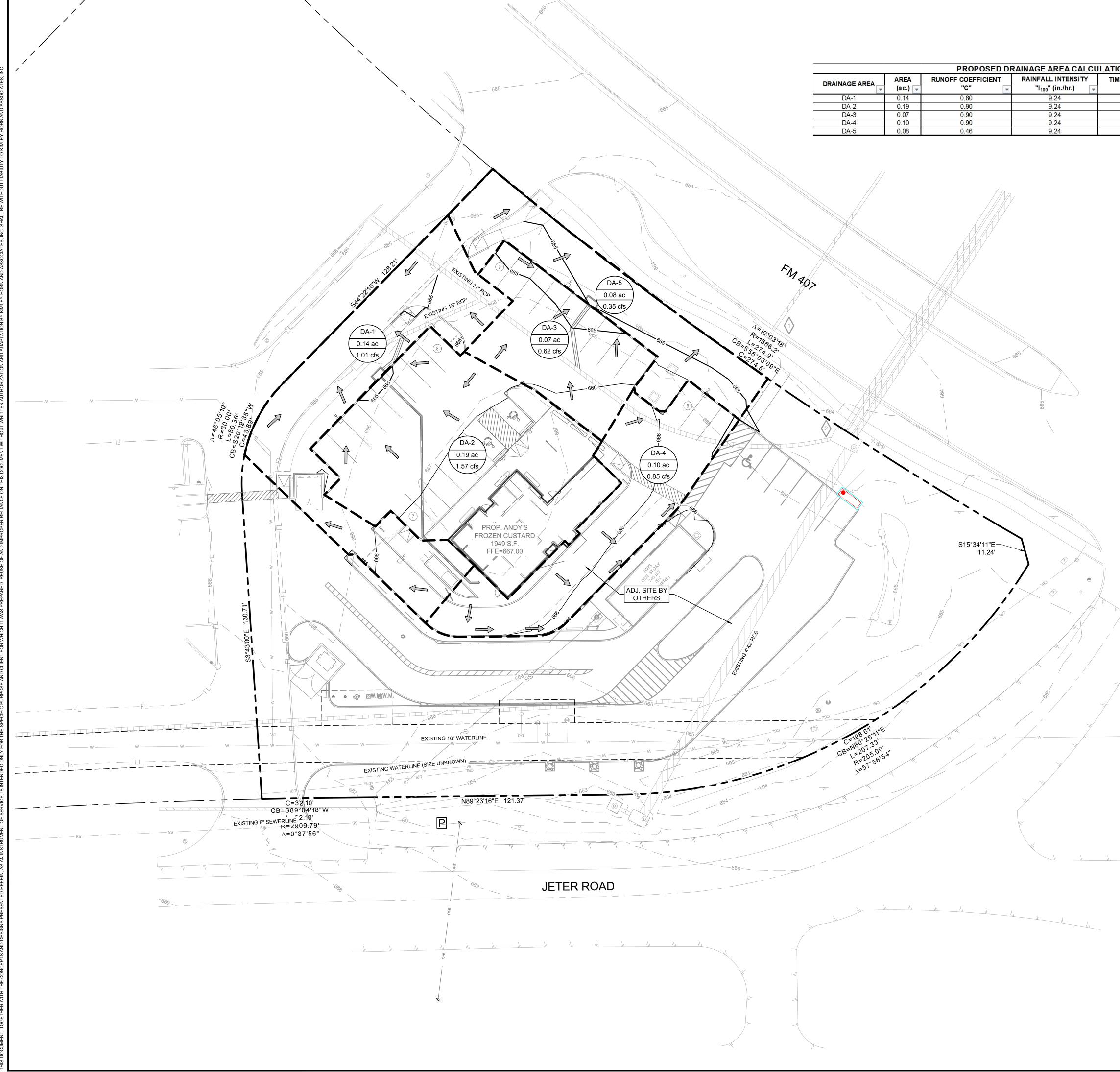
BM#152 - AN "+" CUT WITH BOX SET IN CONCRETE AT THE CORNER OF INTERSECTING SIDEWALKS, 20'± SOUTHEAST OF THE INTERSECTION OF FM 407 AND THE NORTHEAST ENTRANCE TO COMMUNITY MED URGENT CARE, AND 83'± NORTHWEST OF A BRICK URGENT CARE SIGN.

ELEV: 664.69

Know what's **below.** 

Call before you dig.

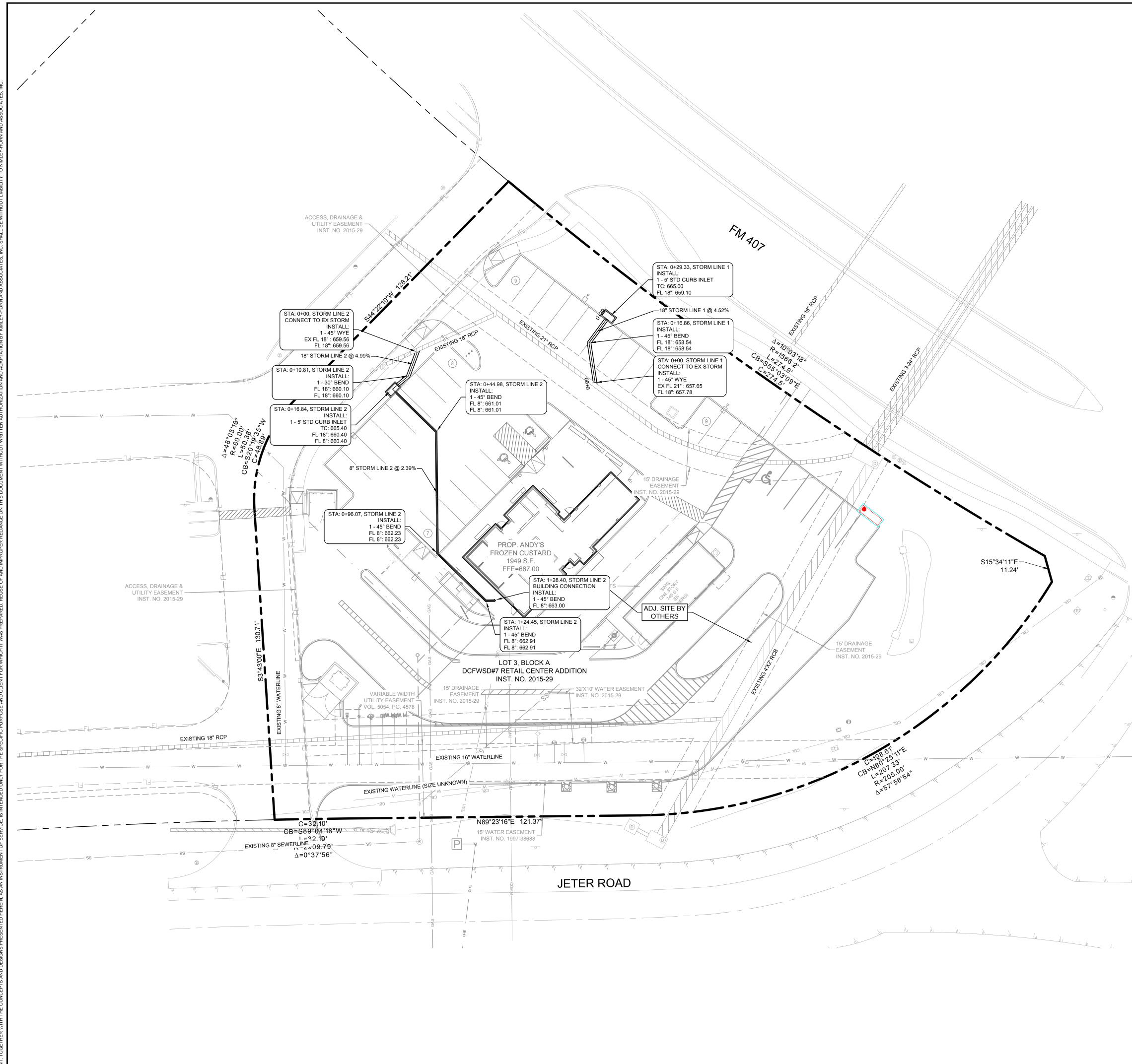
# rad - XREF x-2023 4:00 PM ) - ANDY'S L/ XREF x-24x36 - XREF x-grad BECKETT, EMMA 11/21/20 K:FTW CIVIL061338300 -11/21/2023 3:54 PM IMAGES XREFS PLOTTED BY DWG NAME LAST SAVED

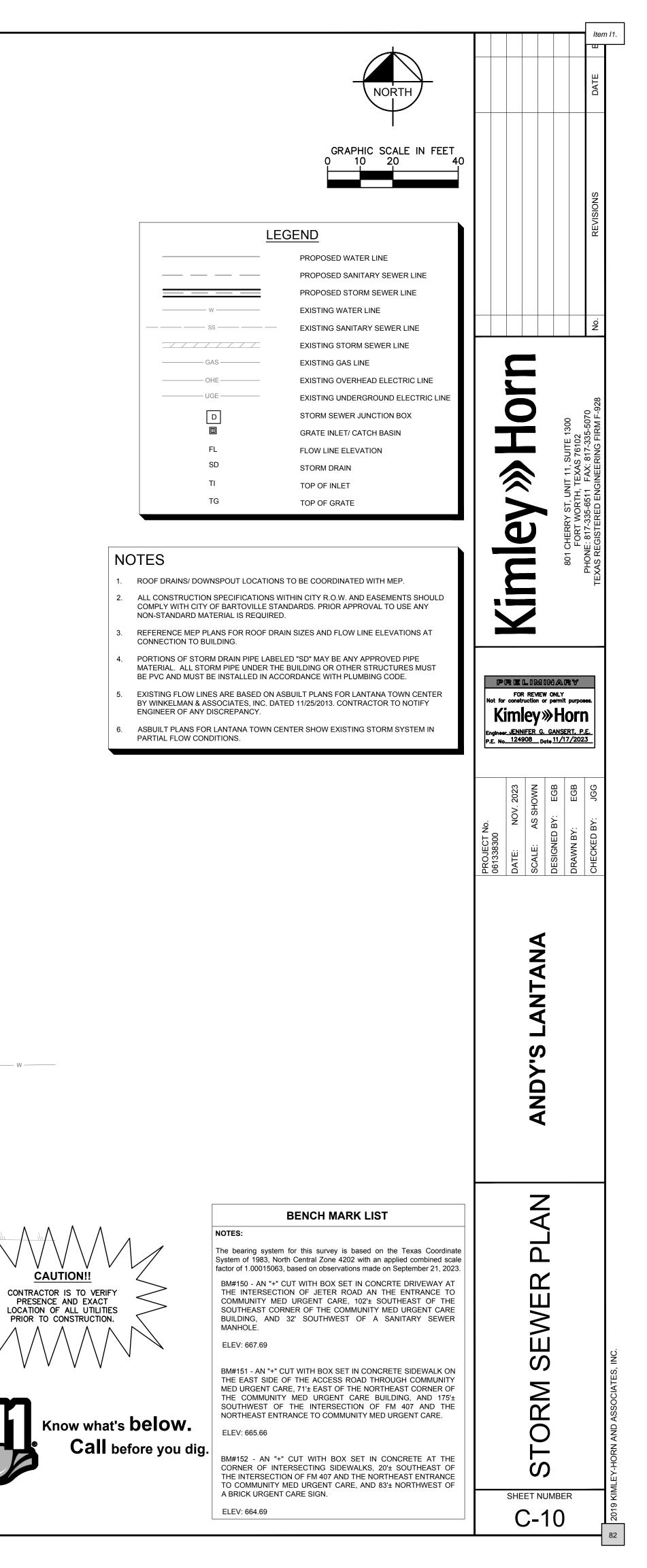


ONS	
ME OF CONCENTRATION	TOTAL FLOW
(minutes)	Q <sub>100</sub> (cfs) 🚽
10	1.01
10	1.57
10	0.62
10	0.85
10	0.35

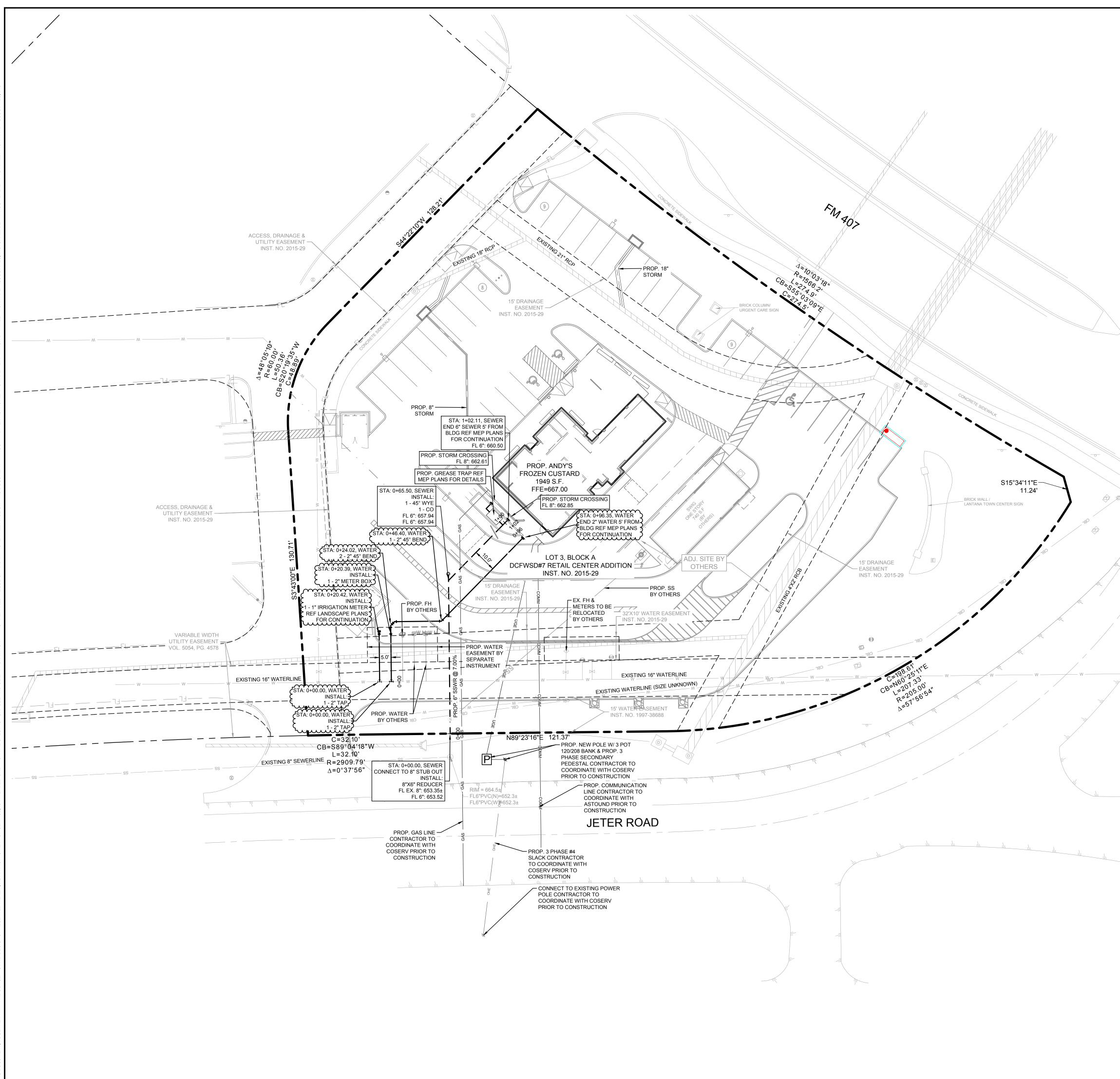
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

	Know what's <b>below.</b> Call before you d	CAUTION!! NTRACTOR IS TO VERIFY RESENCE AND EXACT ATION OF ALL UTILITIES IOR TO CONSTRUCTION.					N         TOTAL FLOW           ▼         Q <sub>100</sub> (cfs)         ▼           1.01         1.57           0.62         0.85           0.35         ,	
ELEV: 664.69	BM#152 - AN "+" CUT WITH BOX SET IN CONCRETE AT THE CORNER OF INTERSECTING SIDEWALKS, 20'± SOUTHEAST OF THE INTERSECTION OF FM 407 AND THE NORTHEAST ENTRANCE TO COMMUNITY MED URGENT CARE, AND 83'± NORTHWEST OF A BRICK URGENT CARE SIGN.	BENCH MARK LIST         NOTES:         The bearing system for this survey is based on the Texas Coordinate System of 1983, North Central Zone 4202 with an applied combined scale factor of 1.00015063, based on observations made on September 21, 2023.         BM#150 - AN "+" CUT WITH BOX SET IN CONCRTE DRIVEWAY AT THE INTERSECTION OF JETER ROAD AN THE ENTRANCE TO COMMUNITY MED URGENT CARE, 102'± SOUTHEAST OF THE SOUTHEAST CORNER OF THE COMMUNITY MED URGENT CARE BUILDING, AND 32' SOUTHWEST OF A SANITARY SEWER MANHOLE.         ELEV: 667.69			<ul> <li>C<sub>A</sub>=RATIONAL METHOD ANTECEDENT PRECIPITATION FACTOR I=RAINFALL INTENSITY (INCHES/HOUR) A=DRAINAGE AREA (ACRES)</li> <li>1. RAINFALL INTENSITIES BASED ON AS-BUILT PLANS FOR LANTANA TOWN CENTER, BY WINKELMEN &amp; ASSOCIATES, INC. DATED 11/25/2013.</li> <li>2. RUNOFF COEFFICIENT BASED OFF IMPERVIOUS COEFFICIENT OF 0.9 &amp; PERVIOUS COEFFICIENT OF 0.3.</li> <li>3. RUNOFF FROM SITE IS LESS THAN ALLOWABLE RELEASE RATE SHOWN ON PLANS FOR LANTANA TOWN CENTER, BY WINKELMEN &amp; ASSOCIATES, INC. DATED 11/25/2013.</li> </ul>	$\begin{array}{c c} \hline \\ \hline $	GRAPHIC SCALE IN FEET 0 10 20 40 LEGEND	NORTH
C-09	A A A A A A A A A A A A A A A A A A A	OPOSED GE AREA MAP	ANDY'S LANTANA	IP IR IE LIMIUN AIRY         FOR REVIEW ONLY         FOR REVIEW ONLY         Not for construction or permit purposes.         Kimley >> Horn         Construction or permit purposes.         Kimley >> Horn         Engineer JENNIFER G. GANSERT, P.E.         P.E. No.       124908       Date 11/17/2023         DESIGNED BX.       RGB       SC       NON         DESIGNED BX.       RGB       SC       SC         DESIGNED BX.       RGB       SC       SC         DESIGNED BX.       RGB       SC       SC         DECKED BX.       NON       SC       SC         DECKED BX.       SC       SC       SC	Kimley » Hone: 817-335-6511 FAX: 817-335-5070 TEXAS REGISTERED ENGINE FING FIGHT FOR THE FIGHT FOR THIS FIGHT FOR THIS FIGHT F			
81 81	2019 KIMLEY-HORN AND ASSOCIATES, INC	, INC.				-		m I1.

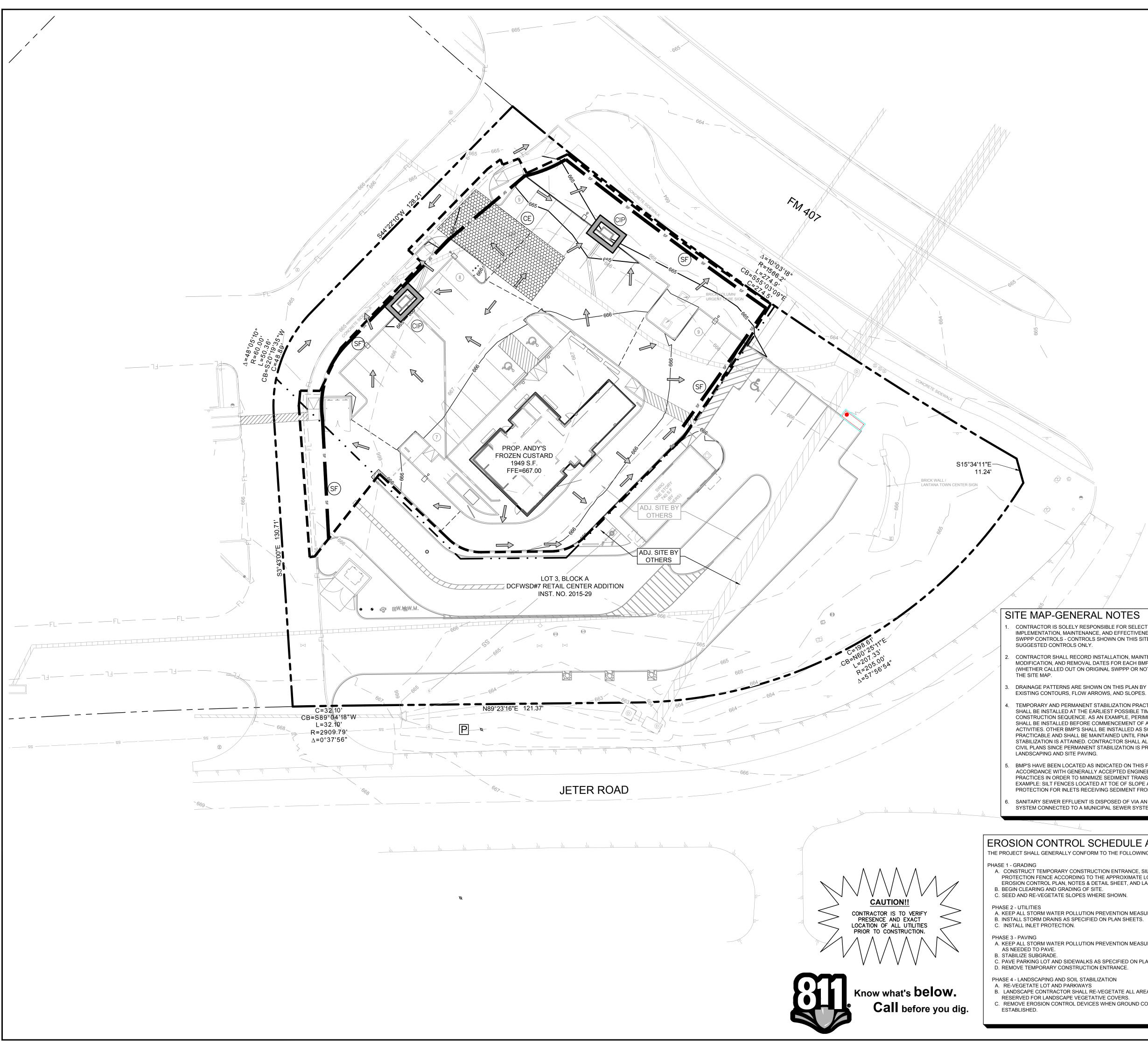


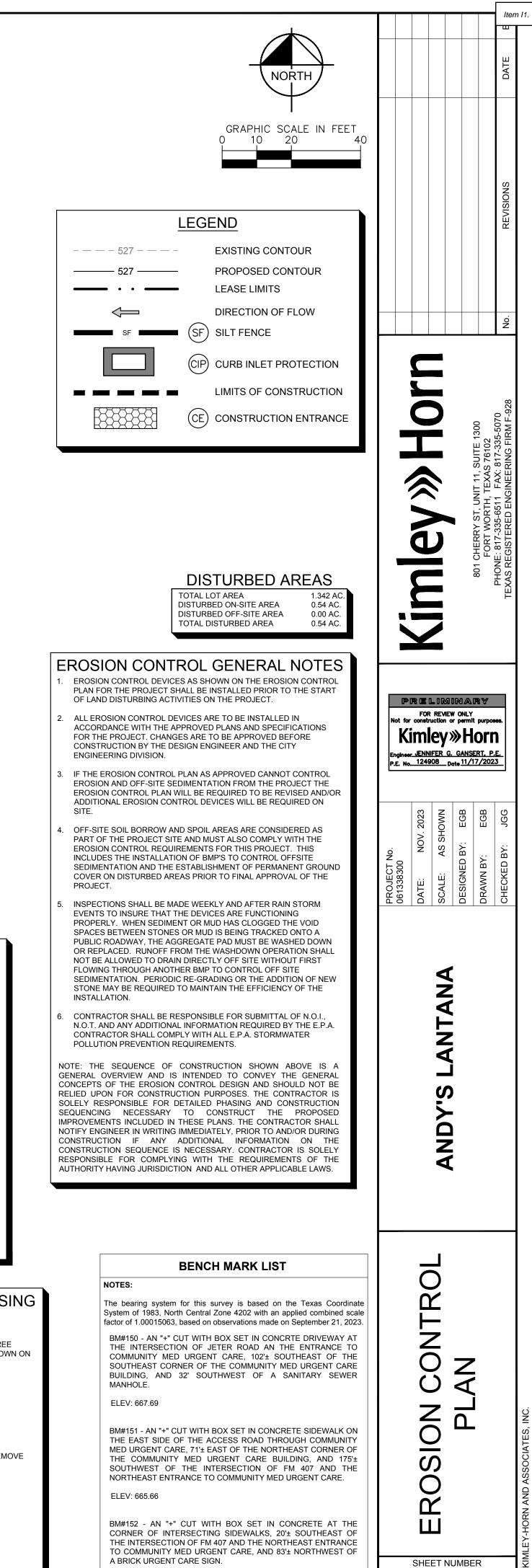






	GRAPHIC SCALE IN FEET	Item I1.
COMM — COMM — OHE — UCE — W — SS — CEL — CE	GRAPHIC SCALE IN FEET         10       20         40         11         12         14         15         16         17         18         19         10         10         10         10         11         11         11         11         12         12         13         14         15         16         17         18         19         19         10         11         11         12         13         14         15         16         17         18         18         18         19         19         10         10         11         11         12         12         13         14         14         14         14	Boldey >> Hour       Hour       Image: Second Second Figure 1300         Bold CHERY ST, UNIT 11, SUITE 1300       Image: Second Second Figure 1300         Bold CHERY ST, UNIT 11, SUITE 1300       Image: Second Figure 1300         Bold CHERY ST, UNIT 11, SUITE 1300       Image: Second Figure 1300         Bold CHERY ST, UNIT 11, SUITE 1300       Image: Second Figure 1300         Bold CHERY ST, UNIT 11, SUITE 1300       Image: Second Figure 1300         Bold CHERY ST, UNIT 11, SUITE 1300       Image: Second Figure 1300         Figure Store Second Figure 1300       Image: Second Figure 1300         Figure Store Second Figure 1300       Image: Second Figure 1300         Figure Store Second Figure 1300       Image: Second Figure 1300         Figure Store Second Figure 1300       Image: Second Figure 1300         Figure Store Store Store Store Store Store Store Figure 1300       Image: Second Figure 1300         Figure Store
	<ol> <li>UTILITY NOTES</li> <li>REFER TO SHEET C-01 FOR GENERAL NOTES.</li> <li>REFER TO TCEQ DESIGN GUIDELINES (CHAPTER 290) FOR WATER AND SANITARY SEWER CROSSINGS.</li> <li>UTILITY CONNECTIONS TERMINATE 5' FROM BUILDING ENVELOPE SEE MEP PLANS FOR CONTINUATION.</li> <li>REFER TO IRRIGATION PLANS FOR EXACT LOCATION AND SIZE OF IRRIGATION SLEEVES.</li> <li>CONTRACTOR TO ADJUST EXISTING SANITARY SEWER MANHOLES, ELECTRICAL MANHOLES, FIRE HYDRANTS, VALVE BOXES, WATER METERS, ETC. TO MATCH PROPOSED FINISHED GRADES IF NECESSARY.</li> <li>ANY WATER OR SANITARY SEWER SERVICE LOCATED OUTSIDE OF A STREET, ALLEY OR EASEMENT SHALL BE INSTALLED BY A PLUMBER AND BE INSPECTED BY CODE ENFORCEMENT.</li> <li>WATER METERS 2" AND SMALLER TO BE INSTALLED BY CITY WATER DEPARTMENT AT OWNERS EXPENSE. METERS LARGER THAN 2" TO BE INSTALLED BY CONTRACTOR.</li> <li>ALL CONSTRUCTION SPECIFICATIONS WITHIN CITY R.O.W. AND EASEMENTS SHOULD COMPLY WITH CITY OF BARTONVILLE STANDARDS. PRIOR APPROVAL TO USE ANY NON-STANDARD MATERIAL IS REQUIRED.</li> </ol>	BROTECT NO.         0613388300         DATE:         DATE
		ANDY'S LANTANA
CAUTION!! CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. PRIOR TO CONSTRUCTION.	ELEV: 005.00	C11 DILITY PLAN BHEET NUMBER C11
	A BRICK URGENT CARE SIGN. ELEV: 664.69	SHEET NUMBER C-11

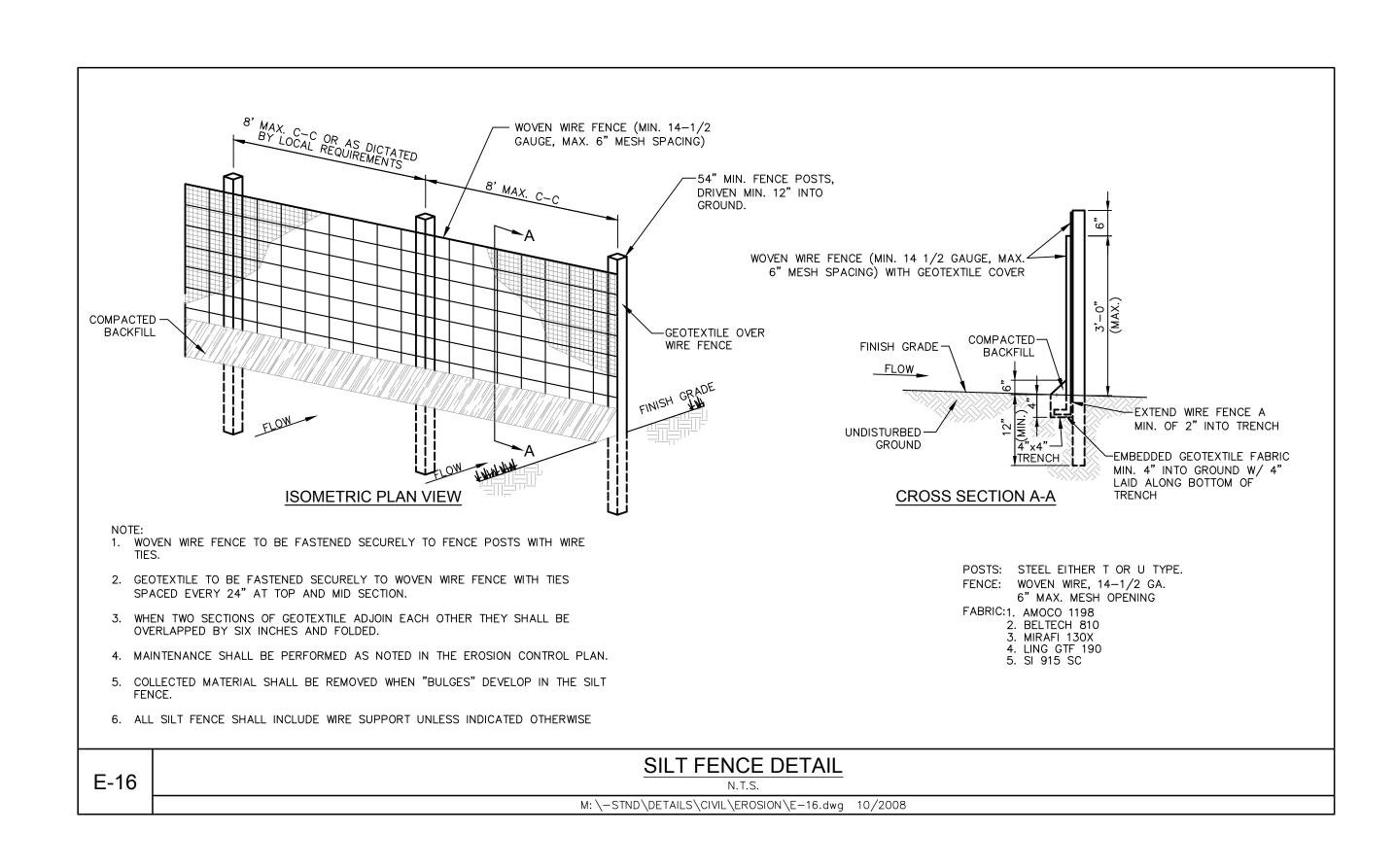


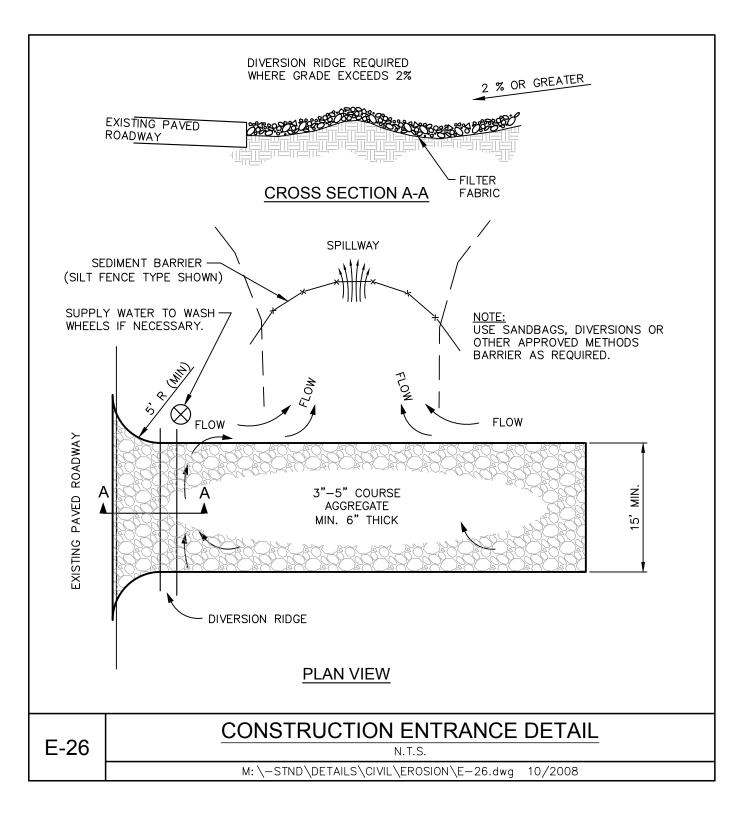


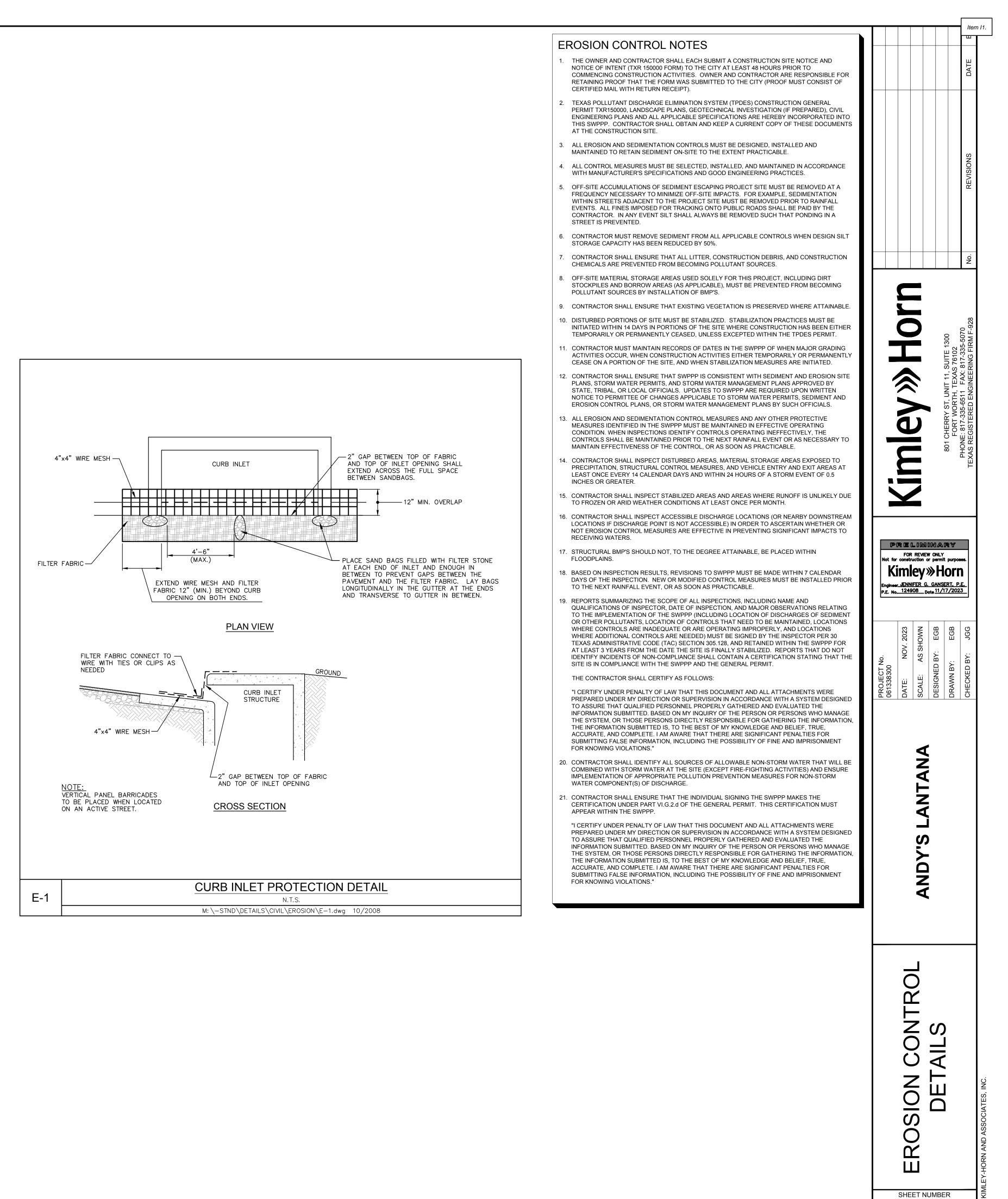
ELEV: 664.69

C-12

- CONTRACTOR IS SOLELY RESPONSIBLE FOR SELECTION,
- IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON THIS SITE MAP ARE
- CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT ON ORIGINAL SWPPP OR NOT) DIRECTLY ON
- DRAINAGE PATTERNS ARE SHOWN ON THIS PLAN BY PROPOSED AND
- TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY
- BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF. SANITARY SEWER EFFLUENT IS DISPOSED OF VIA AN ONSITE SEWER
- SYSTEM CONNECTED TO A MUNICIPAL SEWER SYSTEM.
- EROSION CONTROL SCHEDULE AND PHASING THE PROJECT SHALL GENERALLY CONFORM TO THE FOLLOWING:
- A. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE, SILT FENCE, AND TREE PROTECTION FENCE ACCORDING TO THE APPROXIMATE LOCATION AND SHOWN ON EROSION CONTROL PLAN, NOTES & DETAIL SHEET, AND LANDSCAPE PLANS.
- A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE. B. INSTALL STORM DRAINS AS SPECIFIED ON PLAN SHEETS.
- A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE. REMOVE
- C. PAVE PARKING LOT AND SIDEWALKS AS SPECIFIED ON PLAN SHEETS. D. REMOVE TEMPORARY CONSTRUCTION ENTRANCE.
- B. LANDSCAPE CONTRACTOR SHALL RE-VEGETATE ALL AREAS RESERVED FOR LANDSCAPE VEGETATIVE COVERS. C. REMOVE EROSION CONTROL DEVICES WHEN GROUND COVER

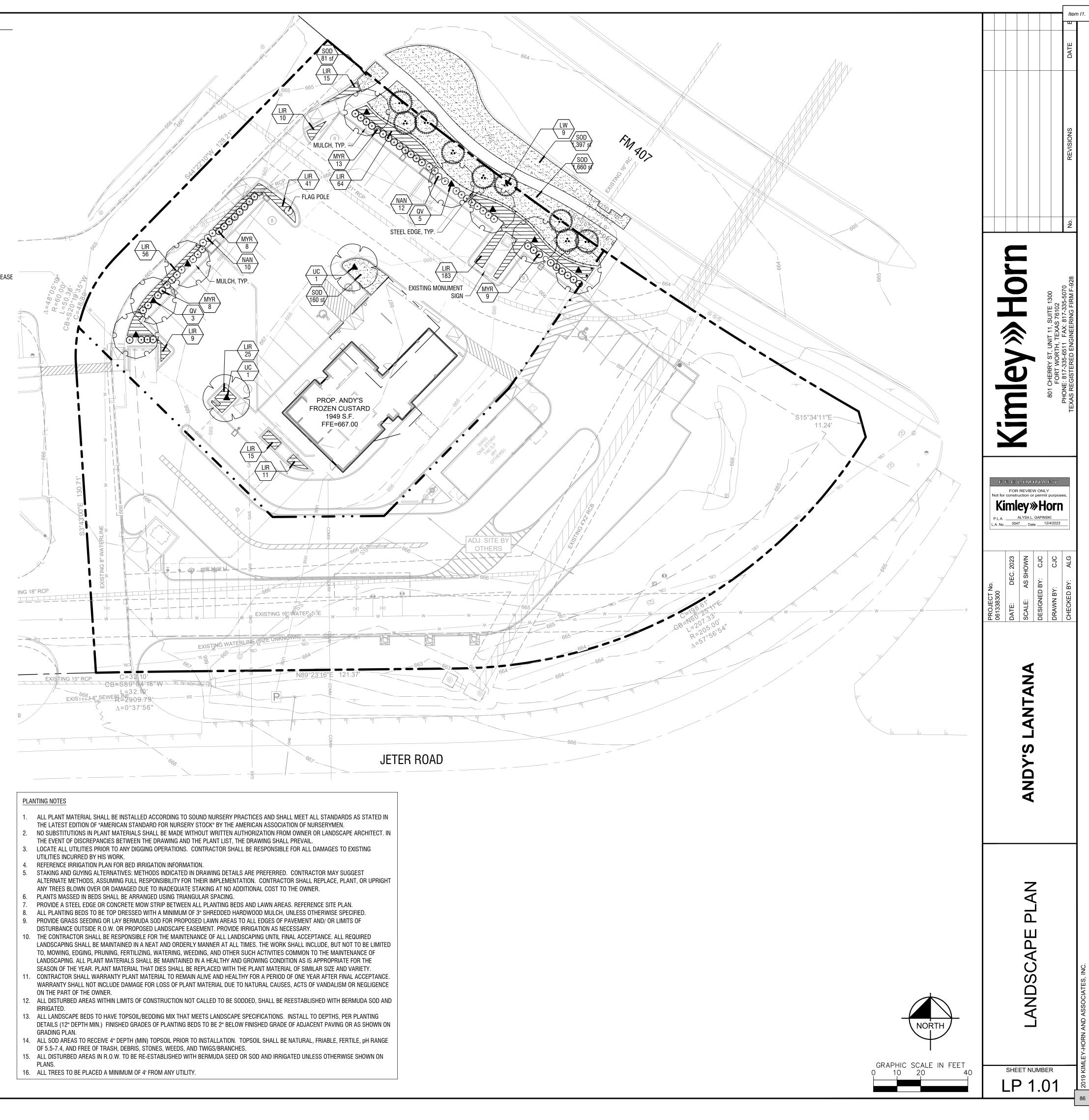




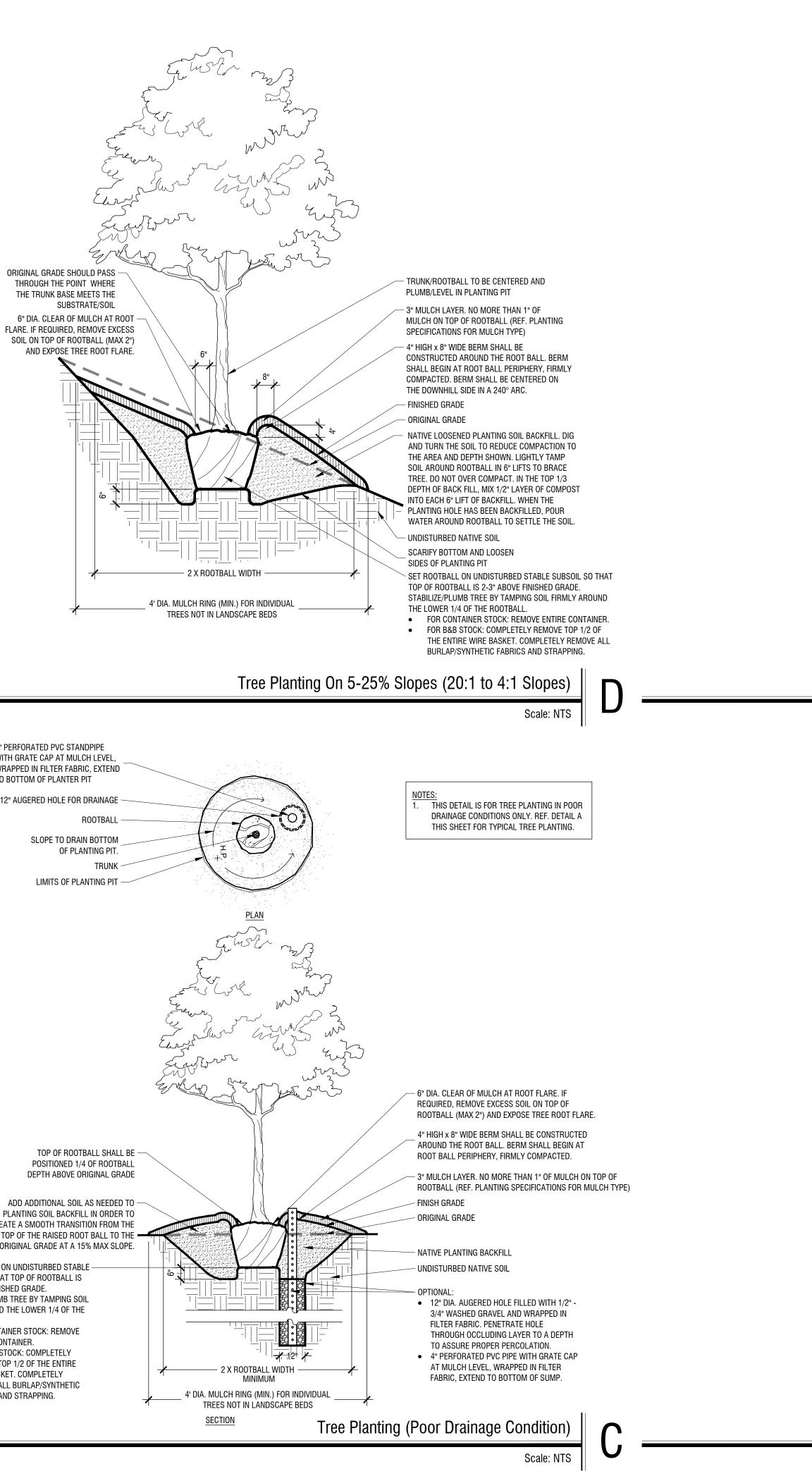


DI ANT OOLEE						
PLANT SCHEE	DULE					
SYMBOL	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME		SIZE	REMARKS
TREES						
	0.7	0			3" CAL, 16` HT, 6` SPR	
	QV	8	QUERCUS VIRGINIANA / SOUTHERN LIVE C	JAK	3" UAL, 10 HI, 0 SPK	FULL, STRAIGHT, SINGLE LEADER
	UC	2	ULMUS CRASSIFOLIA / CEDAR ELM		3" CAL, 14` HT, 6` SPR	FULL, STRAIGHT, SINGLE LEADER
DRNAMENTAL TR	EE					
ŏ ŏ	LW	9	LAGERSTROEMIA X `NATCHEZ` / WHITE C	RAPE MYRTLE	8` HT, 4` SPR	FULL. 3 CANE MINIMUM, 1" PER CANE.
00000000						
SHRUBS	MYR	38	MYRICA PUSILLA / DWARF WAX MYRTLE		24" HT, 18" SPR, 36" OC	FULL. MINIMUM 5 GALLON AND 24" HIGH AT TIME OF
<sup>V</sup> uuu <sup>y</sup>	NAN	22	NANDINA DOMESTICA 'LEMON-LIME' / LEM		24" HT 18" SPR 36" OC	PLANTING. FULL. MINIMUM 5 GALLON AND 24" HIGH AT TIME OF
(		22			24 m, 10 om, 00 00	PLANTING.
GROUND COVERS	<u>}</u>					SOD TO HAVE TIGHT, SAND FILLED JOINTS. WEED, DISE
	SOD	3,298 SF	CYNODON DACTYLON / COMMON BERMU	DA GRASS	N/A	AND PEST FREE.
	LIR	429	LIRIOPE MUSCARI / LIRIOPE		12" HT, 12" SPR, 18" OC	FULL, 1 GALLON MIN.
1ISCELLANEOUS						
• • • • • • •	STEEL	130 LF	STEEL EDGING			3/16" x 4" BLACK
	EDGE	трр				
	MULCH	TBD	SHREDDED HARDWOOD MULCH			3" DEPTH, ALL PROPOSED TREES IN SOD TO HAVE 4' DIAMETER MULCH RING
<u>NOTE:</u> PLANT QUAN	TITIES ARE PRO	OVIDED FOR CO	INVENIENCE ONLY. IN THE			
CASE OF A DISCREF	PANCY, THE DR	AWING SHALL	TAKE PRECEDENCE.			
<u>NOTE:</u> PLANTS ARE CONTAINER SIZE. A			-			
SPECIFICATIONS PF						
			TOWN OF BARTONVILLE, TX			7
			REQUIREMENTS	REQUIRED	PROVIDED	_
	,					
		•	30) FEET, OR MAJOR FRACTION THEREOF,	5 TREES	5 TREES	
	OF STREET I 147.16 L	Frontage. <i>F   30 = 4.91 =</i>	= 5 TREES	5 TREES	5 TREES	
	OF STREET I <u>147.16 L</u> (J.1) A MINI AREAS SHA	FRONTAGE. <i>F   30 = 4.91 =</i> MUM OF TEN ( <sup>*</sup> LL BE DEVOTEL	= <i>5 TREES</i> 10) PERCENT OF THE GROSS PARKING D TO LIVING LANDSCAPING THAT INCLUDES	5 TREES 647 SF	5 TREES 971 SF	
	OF STREET ( <u>147.16 L</u> (J.1) A MINI AREAS SHA GRASS, GR <u>6,469.23</u>	FRONTAGE. <i>F / 30 = 4.91 =</i> MUM OF TEN ( LL BE DEVOTEL OUND COVER, <i>P SF x 0.10 = 64</i>	<i>5 TREES</i> 10) PERCENT OF THE GROSS PARKING D TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.			
	OF STREET I <u>147.16 L</u> (J.1) A MINI AREAS SHA GRASS, GR <u>6,469.23</u> (J.1.b) THEF TREE PLANT	FRONTAGE. <u>F / 30 = 4.91 =</u> MUM OF TEN ( LL BE DEVOTEL OUND COVER, <u>2 SF x 0.10 = 64</u> RE SHALL BE A FED FOR EACH	<i>= 5 TREES</i> 10) PERCENT OF THE GROSS PARKING D TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES. 47 SF			
	OF STREET I <u>147.16 L</u> (J.1) A MINI AREAS SHA GRASS, GR <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLAN	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2 SF x 0.10 = 64 RE SHALL BE A FED FOR EACH HEREOF OF REF 400 = 1.62 = NTER ISLANDS	= 5 TREES 10) PERCENT OF THE GROSS PARKING D TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES. 47 SF MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA. 2 TREES MUST BE LOCATED NO FURTHER APART	647 SF	971 SF	
(18.6) LANDSCAPING	OF STREET I 147.16 L (J.1) A MINI AREAS SHA GRASS, GR 6,469.23 (J.1.b) THEF TREE PLANT FRACTION T 647 SF / (J.1.c) PLAN THAN EVER OF ALL ROV	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2 SF x 0.10 = 64 RE SHALL BE A TED FOR EACH HEREOF OF REN 400 = 1.62 = NTER ISLANDS Y TWELVE (12) VS OF PARKING	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>D TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS S. SUCH ISLANDS SHALL CONTAIN AT LEAST</li> </ul>	647 SF YES	971 SF	
REQUIREMENTS FOR NON-RESIDENTIAL	OF STREET I <u>147.16 Li</u> (J.1) A MINI AREAS SHA GRASS, GRI <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLANT THAN EVER OF ALL ROV ONE (1) OVE <u>5 PLANT</u>	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2F x 0.10 = 64 RE SHALL BE A TED FOR EACH HEREOF OF REF 400 = 1.62 = NTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS =	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS S. SUCH ISLANDS SHALL CONTAIN AT LEAST</li> <li>5 TREES</li> </ul>	647 SF YES	971 SF YES *	
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REQUIREMENTS FOR NON-RESIDENTIAL	OF STREET I <u>147.16 L</u> (J.1) A MINI AREAS SHA GRASS, GRI <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLAN THAN EVER OF ALL ROW ONE (1) OVE <u>5 PLANT</u> (J.2.a) A PE FEET IN DEP PUBLIC RIGI VEHICULAR (J.b) THE FC WITHIN A LA	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, $SF \times 0.10 = 64$ RE SHALL BE A TED FOR EACH HEREOF OF RED 400 = 1.62 = JTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND TH SHALL BE M HT-OF-WAY AN USE AREA. DLLOWING PLAN ANDSCAPE BAR	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS A. SUCH ISLANDS SHALL CONTAIN AT LEAST</li> <li>5 TREES</li> <li>SCAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED BRIER AS SPECEFIED HEREIN:</li> </ul>	647 SF YES 5 TREES	971 SF YES * 5 TREES **	
REQUIREMENTS FOR NON-RESIDENTIAL	OF STREET I <u>147.16 Li</u> (J.1) A MINI AREAS SHA GRASS, GRI <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLAN THAN EVER OF ALL ROW ONE (1) OVE <u>5 PLANT</u> (J.2.a) A PE FEET IN DEP PUBLIC RIGI VEHICULAR (J.b) THE FC WITHIN A LA - ONE (1) (0 FRONTAG	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2F x 0.10 = 64 RE SHALL BE A FED FOR EACH HEREOF OF REF 400 = 1.62 = NTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND TH SHALL BE N HT-OF-WAY AN USE AREA. DLLOWING PLAN ANDSCAPE BAR OVERSTORY TREE ER	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS S. SUCH ISLANDS SHALL CONTAIN AT LEAST SCAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED BRIER AS SPECEFIED HEREIN: BE PER FIFTY (50) LINEAR FEET OF</li> </ul>	647 SF YES 5 TREES YES 9	971 SF YES * 5 TREES ** YES	
REQUIREMENTS FOR NON-RESIDENTIAL	OF STREET I <u>147.16 L</u> (J.1) A MINI AREAS SHA GRASS, GRI <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLAN THAN EVER OF ALL ROW ONE (1) OVE <u>5 PLANT</u> (J.2.a) A PE FEET IN DEP PUBLIC RIGI VEHICULAR (J.b) THE FC WITHIN A LA - ONE (1) (0 FRONTAG - THREE (3) FRONTAG	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, $SF \times 0.10 = 64$ RE SHALL BE A TED FOR EACH HEREOF OF REH 400 = 1.62 = JTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND TH SHALL BE N HT-OF-WAY AN USE AREA. DLLOWING PLAI ANDSCAPE BAR OVERSTORY TREE E DUNDERSTORY TREE DUNDERSTORY	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10) TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS A. SUCH ISLANDS SHALL CONTAIN AT LEAST STAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED REIER AS SPECEFIED HEREIN: REE PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> </ul>	647 SF YES 5 TREES YES 9 UNDERSTORY TRI	971 SF         YES *         5 TREES **         YES         YES         UNDERSTORY TREE	
REQUIREMENTS FOR NON-RESIDENTIAL	OF STREET I <u>147.16 Li</u> (J.1) A MINI AREAS SHA GRASS, GRI <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLAN THAN EVER OF ALL ROV ONE (1) OVE <u>5 PLANT</u> (J.2.a) A PE FEET IN DEP PUBLIC RIGI VEHICULAR (J.b) THE FC WITHIN A LA - ONE (1) (0 FRONTAG - THREE (3) FRONTAG - CURVILIN HEIGHT 0	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2F x 0.10 = 64 RE SHALL BE A FED FOR EACH HEREOF OF REF 400 = 1.62 = NTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND YTWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND YTH SHALL BE N HT-OF-WAY AN USE AREA. OLLOWING PLAN ANDSCAPE BAR OVERSTORY TR E EAR BERM MEA R A HEDGE RO	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS</li> <li>SUCH ISLANDS SHALL CONTAIN AT LEAST</li> <li>5 TREES</li> <li>SCAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED BRIER AS SPECEFIED HEREIN: BEE PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> <li>ASURING A MINIMUM OF THREE (3) FEET IN W CREATING A SOLID VEGETATIVE SCREEN</li> </ul>	647 SF YES 5 TREES YES 9	971 SF         YES *         5 TREES **         YES         YES         UNDERSTORY TREE         VEGETATIVE SCREE	
REQUIREMENTS FOR NON-RESIDENTIAL	OF STREET I 147.16 L (J.1) A MINI AREAS SHA GRASS, GRI 6,469.23 (J.1.b) THEF TREE PLANT FRACTION T 647 SF / (J.1.c) PLAN THAN EVER OF ALL ROV ONE (1) OVE 5 PLANT (J.2.a) A PE FEET IN DEP PUBLIC RIGE VEHICULAR (J.b) THE FC WITHIN A L/ - ONE (1) ( FRONTAGE - THREE (3) FRONTAGE - CURVILIN HEIGHT O AT MATUF 147.16 L	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, $SF \times 0.10 = 64$ RE SHALL BE A TED FOR EACH HEREOF OF REU 400 = 1.62 = ITER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND OF STORY TREE ER ISLANDS = CONTON 1000000000000000000000000000000000000	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS A. SUCH ISLANDS SHALL CONTAIN AT LEAST</li> <li>5 TREES</li> <li>SCAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED RIER AS SPECEFIED HEREIN: REE PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> <li>ASURING A MINIMUM OF THREE (3) FEET IN W CREATING A SOLID VEGETATIVE SCREEN ANT MATERIALS.</li> <li>3 OVERSTORY TREES ***</li> </ul>	647 SF YES 5 TREES YES 9 UNDERSTORY TRI BERM OR	971 SF         YES *         5 TREES **         YES         YES         UNDERSTORY TREE         VEGETATIVE SCREE	
REQUIREMENTS FOR NON-RESIDENTIAL DEVELOPMENTS	OF STREET I <u>147.16 Li</u> (J.1) A MINI AREAS SHA GRASS, GRI <u>6,469.23</u> (J.1.b) THEF TREE PLANT FRACTION T <u>647 SF /</u> (J.1.c) PLAN THAN EVER OF ALL ROW ONE (1) OVE <u>5 PLANT</u> (J.2.a) A PE FEET IN DEP PUBLIC RIGI VEHICULAR (J.b) THE FC WITHIN A LA - ONE (1) (0 FRONTAG - THREE (3) FRONTAG - CURVILIN HEIGHT O AT MATUF <u>147.16 Li</u> <u>147.16 Li</u>	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2SF x 0.10 = 64 RE SHALL BE A FED FOR EACH HEREOF OF REF 400 = 1.62 = NTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = NUNDERSTORY TREE EAR BERM MEA R A HEDGE RO RITY OF THE PL F / 50 = 2.94 = F / 50 = 2.94 x	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS A. SUCH ISLANDS SHALL CONTAIN AT LEAST</li> <li>5 TREES</li> <li>SCAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED RIER AS SPECEFIED HEREIN: REE PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> <li>ASURING A MINIMUM OF THREE (3) FEET IN W CREATING A SOLID VEGETATIVE SCREEN ANT MATERIALS.</li> </ul>	647 SF YES 5 TREES YES 9 UNDERSTORY TRI BERM OR VEGEATIVE SCRE	971 SF         YES *         5 TREES **         YES         VES         UNDERSTORY TREE         EN	
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* PER SECTION 1 SECTION OF TH REQUIRED LAN ** PLANTER ISLAN *** PER SECTION 18 SECTION OF TH	OF STREET I 147.16 L (J.1) A MINI AREAS SHA GRASS, GRI 6,469.23 (J.1.b) THEF TREE PLANT FRACTION T 647 SF / (J.1.c) PLAN THAN EVER OF ALL ROV ONE (1) OVE 5 PLANT (J.2.a) A PE FEET IN DEP PUBLIC RIGI VEHICULAR (J.b) THE FC WITHIN A L/ - ONE (1) O FRONTAG - THREE (3) FRONTAG - CURVILIN HEIGHT O AT MATUF 147.16 L 147.16 L 147.16 L 147.16 L SCAPE AREA D TREES PROV 5.K, PLANTING CORDINANCE M	FRONTAGE. F / 30 = 4.91 = MUM OF TEN ( LL BE DEVOTED OUND COVER, 2SF x 0.10 = 64 RE SHALL BE A TED FOR EACH HEREOF OF REF 400 = 1.62 = NTER ISLANDS Y TWELVE (12) VS OF PARKING ERSTORY TREE ER ISLANDS = RIMETER LAND TH SHALL BE N HT-OF-WAY AN USE AREA. OLLOWING PLAI ANDSCAPE BAF OVERSTORY TREE EAR BERM MEA NDSCAPE BAF OVERSTORY TREE EAR BERM MEA R A HEDGE RO RITY OF THE PL F / 50 = 2.94 = F / 50 = 2.94 =	<ul> <li>5 TREES</li> <li>10) PERCENT OF THE GROSS PARKING</li> <li>10 TO LIVING LANDSCAPING THAT INCLUDES PLANTS, SHRUBS AND TREES.</li> <li>47 SF</li> <li>MINIMUM OF ONE (1) NATIVE OVERSTORY FOUR HUNDRED (400) SQUARE FEET OR QUIRED INTERIOR LANDSCAPE AREA.</li> <li>2 TREES</li> <li>MUST BE LOCATED NO FURTHER APART PARKING SPACES AND AT THE TERMINUS S. SUCH ISLANDS SHALL CONTAIN AT LEAST .</li> <li>5 TREES</li> <li>SCAPE AREA OF AT LEAST FIFTEEN (15) MAINTAINED BETWEEN THE ABUTTING D THE OFF-STREET PARKING OR</li> <li>NTING MATERIALS SHALL BE REQUIRED REE PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> <li>Y TREES PER FIFTY (50) LINEAR FEET OF</li> <li>ASURING A MINIMUM OF THREE (3) FEET IN W CREATING A SOLID VEGETATIVE SCREEN ANT MATERIALS.</li> <li>3 OVERSTORY TREES ***</li> <li>3 = 8.82 = 9 UNDERSTORY TREES</li> </ul>	647 SF YES 5 TREES 9 UNDERSTORY TRI BERM OR VEGEATIVE SCRE ING MATERIALS REQ OTHER SECTIONS OF TREES. T. VG MATERIALS REQ DTHER SECTIONS OF	971 SF         YES *         5 TREES **         YES         YES	
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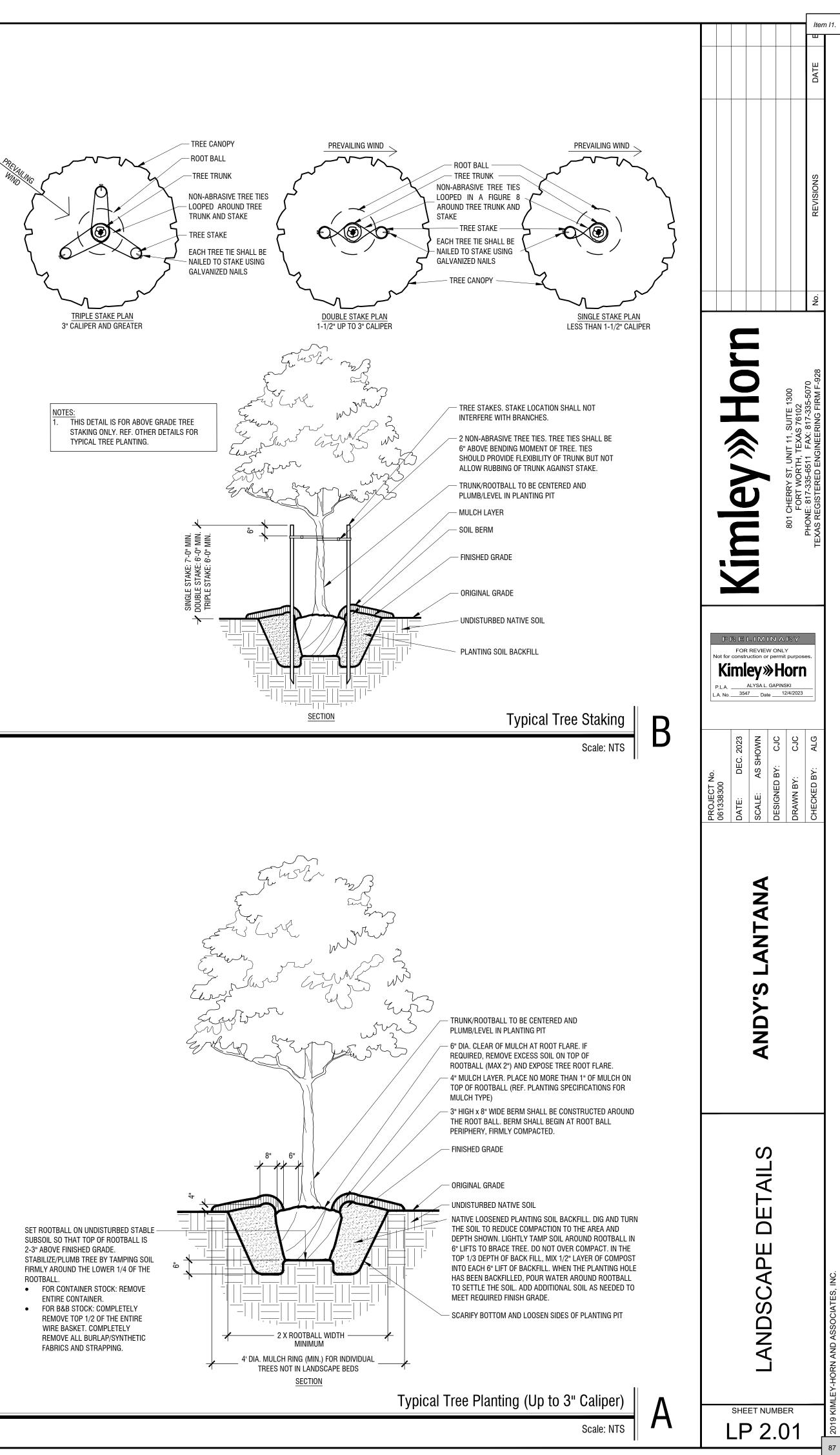


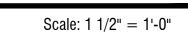


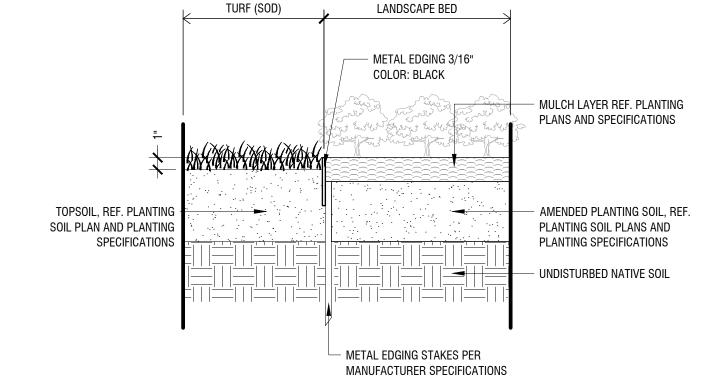


4" PERFORATED PVC STANDPIPE WITH GRATE CAP AT MULCH LEVEL, WRAPPED IN FILTER FABRIC, EXTEND TO BOTTOM OF PLANTER PIT	_
12" AUGERED HOLE FOR DRAINAGE	
ROOTBALL	
SLOPE TO DRAIN BOTTOM OF PLANTING PIT.	
TRUNK	_
LIMITS OF PLANTING PIT	
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	J. C.
TOP OF ROOTBALL SHALL BE POSITIONED 1/4 OF ROOTBALL DEPTH ABOVE ORIGINAL GRADE	
ADD ADDITIONAL SOIL AS NEEDED TO PLANTING SOIL BACKFILL IN ORDER TO CREATE A SMOOTH TRANSITION FROM THE TOP OF THE RAISED ROOT BALL TO THE ORIGINAL GRADE AT A 15% MAX SLOPE.	
SET ROOTBALL ON UNDISTURBED STABLE SUBSOIL SO THAT TOP OF ROOTBALL IS 2-3" ABOVE FINISHED GRADE. STABILIZE/PLUMB TREE BY TAMPING SOIL FIRMLY AROUND THE LOWER 1/4 OF THE ROOTBALL. • FOR CONTAINER STOCK: REMOVE ENTIRE CONTAINER. • FOR B&B STOCK: COMPLETELY REMOVE TOP 1/2 OF THE ENTIRE WIRE BASKET. COMPLETELY REMOVE ALL BURLAP/SYNTHETIC FABRICS AND STRAPPING.	

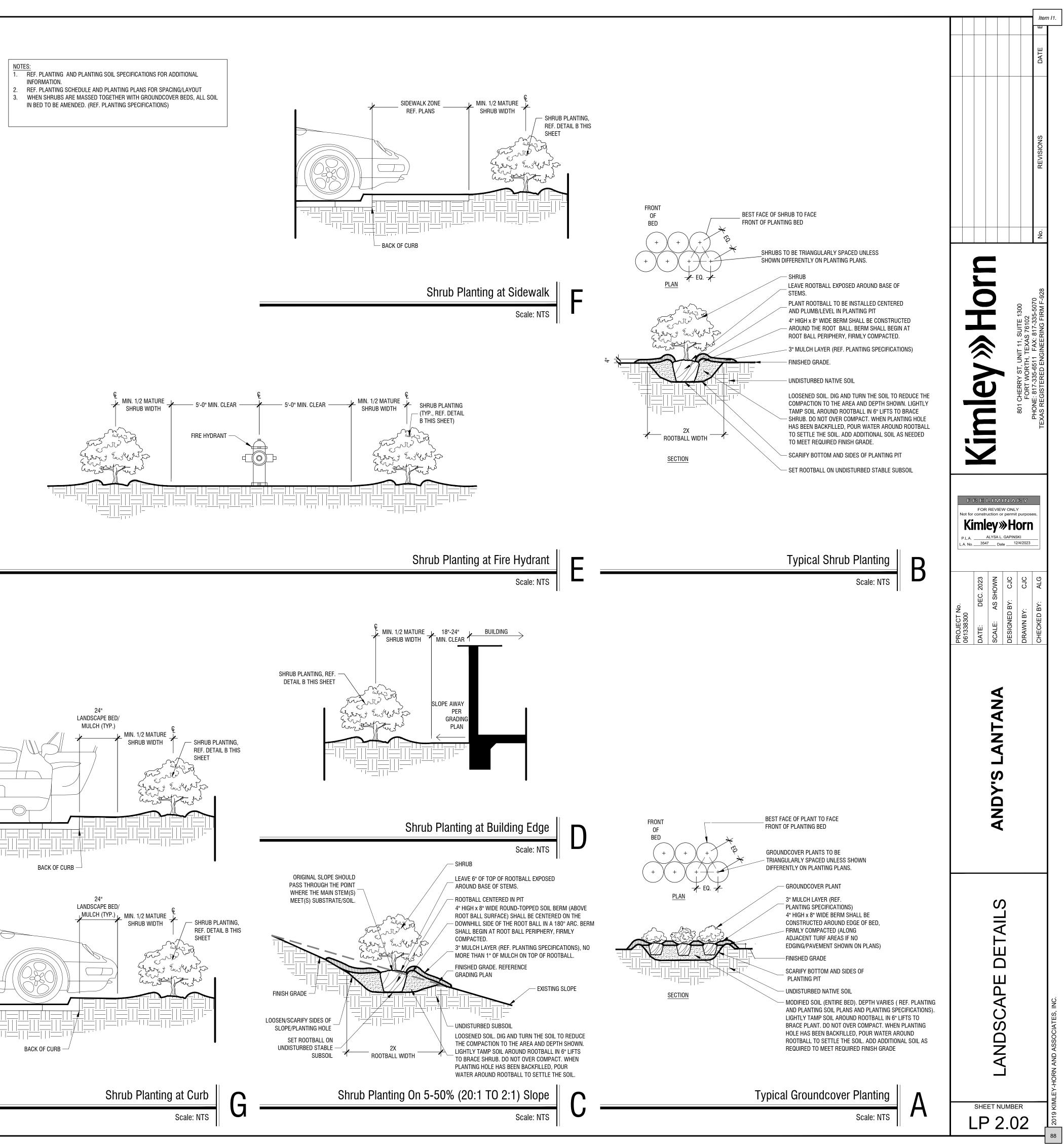
ENTIRE CONTAINER. REMOVE TOP 1/2 OF THE ENTIRE WIRE BASKET. COMPLETELY

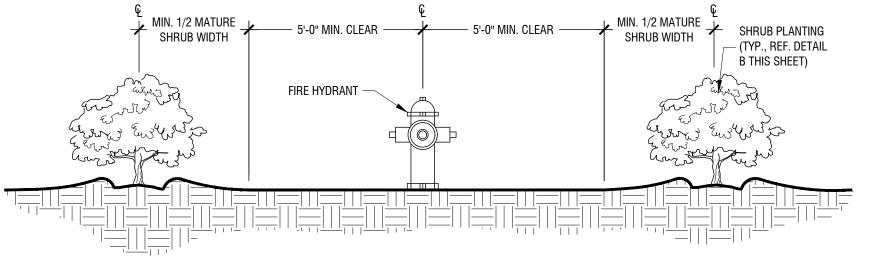


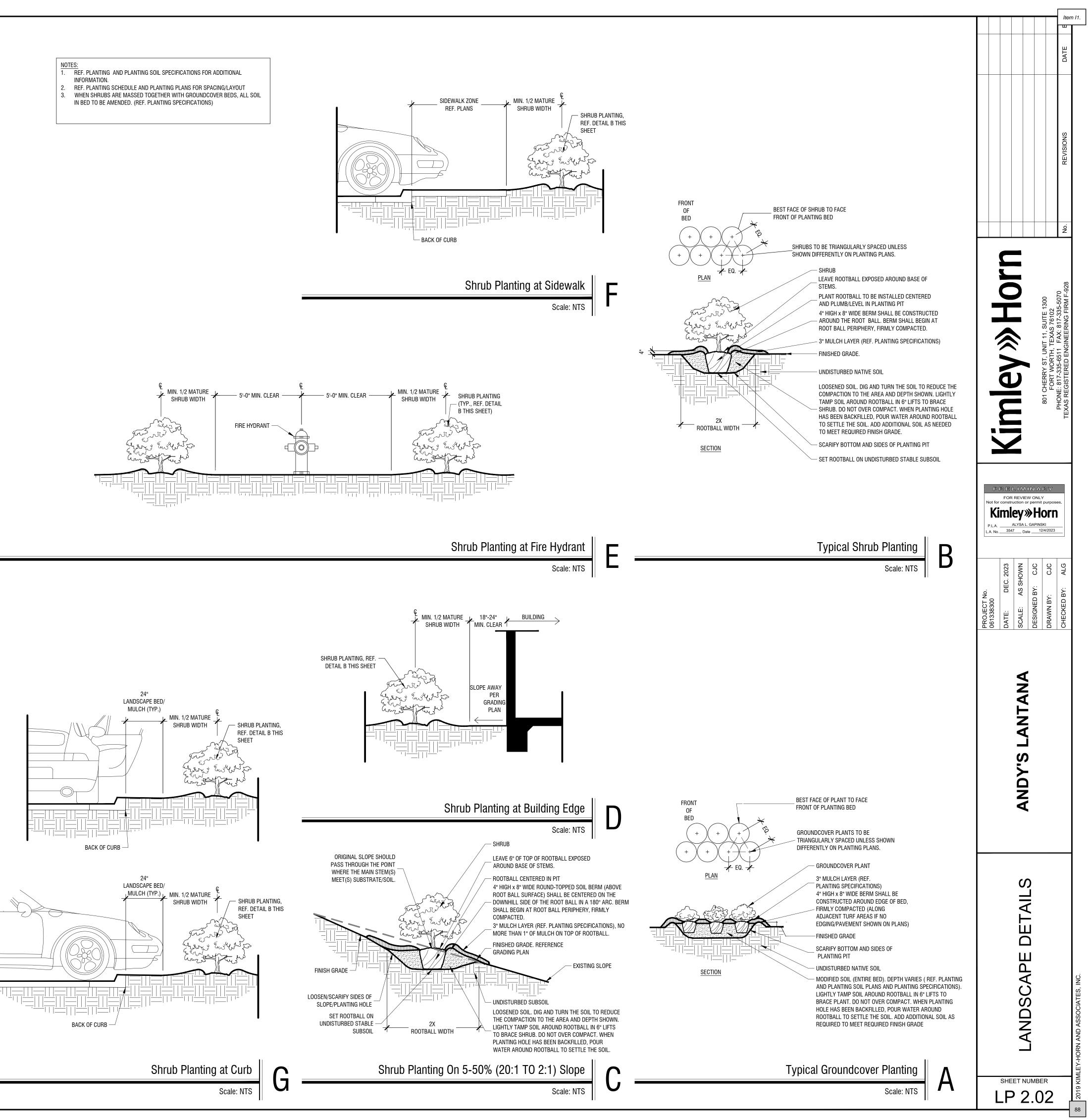




METAL EDGING (AT TURF & LANDSCAPE BED)







### GENERAL LANDSCAPE SPECIFICATIONS AND NOTES A SCOPE OF WORK

- 1. THE WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS AS INCLUDED IN THE PLANT LIST AND AS HEREIN SPECIFIED. 2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL PLANTING AREAS OF THIS CONTRACT UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.
- **B. PROTECTION OF EXISTING STRUCTURES** ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, AND OTHER ITEMS OF CONSTRUCTION AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THIS CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS OPERATION OF EQUIPMENT STOCKPILING OF MATERIALS, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE OR THE SPILLING OF OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE THE HEAT WILL DAMAGE ANY PLANT. TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PER CENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

### D. MATERIALS 1 GENERAL

SAMPLES OF MATERIALS AS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON THE SITE OR AS OTHERWISE DETERMINED BY THE OWNER. UPON APPROVAL OF SAMPLES, DELIVERY OF MATERIALS MAY BEGIN.

### MATERIALS SAMPLES MULCH ONE (1) CUBIC FOOT TOPSOIL ONE (1) CUBIC YARD

PLANTS ONE (1) OF EACH VARIETY 2. PLANT MATERIALS

A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS AS STATED IN THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST THE PLANTS. FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE OWNER.

B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH, PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF

GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF BALLS OR ROOTS. LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

- E. TOPSOIL
- 1. ASTM D5268, NATURAL, FRIABLE, FERTILE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH. TOPSOIL SHALL HAVE A PH RANGE OF 5.5 TO 7.4 PERCENT, FREE FROM SUBSOIL, OBJECTIONABLE WEEDS, LITTER, SODS, STIFF CLAY, STONES LARGER THAN 1-INCH IN DIAMETER STUMPS BOOTS TRASH HERBICIDES TOXIC SUBSTANCES OR ANY OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT GROWTH OR HINDER PLANTING OPERATIONS TOP SOIL SHALL CONTAIN A MINIMUM OF THREE PERCENT ORGANIC MATERIAL
- 2. SALVAGED OR EXISTING TOPSOIL: REUSE SUITABLE TOPSOIL STOCKPILED ON-SITE OR EXISTING TOPSOIL UNDISTURBED BY GRADING OR EXCAVATION OPERATIONS. CLEAN TOPSOIL OF ROOTS, PLANTS, SOD STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH.
- 3. VERIFY AMOUNT OF SUITABLE TOPSOIL STOCKPILED IF ANY, AND SUPPLY ADDITIONAL IMPORTED TOPSOIL AS NEEDED. FOUR (4) INCHES OF TOPSOIL TO BE PROVIDED FOR ALL TURF AREAS. TWENTY FOUR (24 INCHES OF TOPSOIL TO BE PROVIDED FOR ALL PLANTING AREAS WITHIN INTERIOR LANDSCAPE ISLANDS AND FOUNDATION PLANTINGS. FOR ALL OTHER PLANTING AREAS, TWELVE (12) INCHES OF TOPSOIL MINIMUM TO BE PROVIDED
- 4. IMPORTED TOPSOIL: SUPPLEMENT SALVAGED TOPSOIL WITH IMPORTED TOPSOIL FROM OFF-SITE SOURCES WHEN EXISTING QUANTITIES ARE INSUFFICIENT
- 5. OBTAIN TOPSOIL DISPLACED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST 6 INCHES DEEP: DO NOT OBTAIN FROM AGRICULTURAL LAND, BOGS, OR MARSHES
- 6. VERIFY BORROW AND DISPOSAL SITES ARE PERMITTED AS REQUIRED BY STATE AND LOCAL REGULATIONS. OBTAIN WRITTEN CONFIRMATION THAT PERMITS ARE CURRENT AND ACTIVE. 7. OBTAIN PERMITS REQUIRED BY STATE AND LOCAL REGULATIONS FOR TRANSPORTING TOPSOIL. PERMITS
- SHALL BE CURRENT AND ACTIVE
- 8. AMEND EXISTING AND IMPORTED TOPSOIL AS INDICATED BELOW. a. ORGANIC SOIL AMENDMENTS
  - 1. MANURE: WELL-ROTTED, UNLEACHED, STABLE OR CATTLE MANURE CONTAINING NOT MORE THAN 25 PERCENT BY VOLUME OF STRAW, SAWDUST, OR OTHER BEDDING MATERIALS; FREE NCES, STONES, STICKS, SOIL, WEED SEED, AND MATERIAL HARMFUL TO PLANT GROWTH.
  - 2. BACK TO NATURE COTTON BURR COMPOST OR APPROVED EQUIVALENT.
  - 3. COMPOST: DECOMPOSED ORGANIC MATERIAL INCLUDING LEAF LITTER, MANURE, SAWDUST,
  - PLANT TRIMMINGS AND/OR HAY, MIXED WITH SOIL. 4. PECAN HULLS: COMPOSTED PECAN HULLS FOR LOCAL SOURCE
  - 5. BIOSOLIDS: USE GRADE 1 CONTAINING LOWER PATHOGEN LEVELS.
  - 6. WORM CASTINGS: EARTHWORMS.
- b. INORGANIC SOIL AMENDMENTS
- 1. LIME: ASTM C602, CLASS O AGRICULTURAL LIMESTONE CONTAINING A MINIMUM OF 80 PERCENT CALCIUM CARBONATE EQUIVALENT WITH A MINIMUM OF 95 PERCENT PASSING NO. 8 SIEVE AND MINIMUM OF 55 PERCENT PASSING NO. 60 SIEVE. 2. SULFUR: GRANULAR, BIODEGRADABLE, CONTAINING A MINIMUM OF 90 PERCENT SULFUR,
- WITH A MINIMUM OF 99 PERCENT PASSING NO. 6 SIEVE AND A MAXIMUM OF 10 PERCENT PASSING NO. 40 SIEVE 3. IRON SULFATE: GRANULATED FERROUS SULFATE CONTAINING A MINIMUM OF 20 PERCENT IRON AND 10 PERCENT SULFUR.
- 4. AGRICULTURAL GYPSUM: FINELY GROUND, CONTAINING A MINIMUM OF 90 PERCENT CALCIUM
- 5. SAND: CLEAN, WASHED, NATURAL OR MANUFACTURED, FREE OF TOXIC MATERIALS.
- c. PLANTING SOIL MIX
- 1. PLANTING MIX MAY BE PROVIDED BY LIVING EARTH OR MINICK MATERIALS OR APPROVED FOUAL 2. PLANTING MEDIUM CONTAINING 75 PERCENT SPECIFIED TOPSOIL MIXED WITH 15 PERCENT
- ORGANIC SOIL AMENDMENTS AND 10 PERCENT SHARP WASHED SAND. INSTALL TO DEPTHS PER PLANTING DETAILS (12" MIN.) FINISHED GRADES OF PLANTING BEDS TO BE 2" BELOW FINISHED GRADE OF ADJACENT PAVING OR AS SHOWN ON GRADING PLAN. 2. SOD/SEED AREA TOPSOIL
- ALL SOD AREAS TO RECEIVE 4" DEPTH (MIN) TOPSOIL PRIOR TO INSTALLATION. TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, WITH 25% (MIN.) ORGANIC MATERIAL, AND FREE OF TRASH, DEBRIS, STONES, WEEDS, AND TWIGS/BRANCHES. THE PARTICLE SIZES SHALL BE SUCH THAT 98.5% OF THE TOPSOIL WILL PASS THROUGH A 1/2 INCH SCREEN, AND 99% MORE SHALL PASS THROUGH A 3/4 INCH SCREEN. TOPSOIL SHALL BE REVIEWED/APPROVED BY OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. CONTRACTOR TO SUBMIT SAMPLES IN 1 GAL (MIN.) CONTAINER.
- I. WATER

SPECIFICATIONS

- WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE GROWTH OF PLANTS AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER. IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS. FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SUCH SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER. J. COMMERCIAL FERTILIZER
- COMMERCIAL FERTILIZER SHALL BE A COMPLETE FORMULA; IT SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED CONTAINERS, EACH BEARING THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS. FIFTY PERCENT (50%) OF THE NITROGEN SHALL BE DERIVED FROM NATURAL ORGANIC SOURCES. THE FOLLOWING FERTILIZERS SHALL BE USED AND APPLIED AT RATES AS SUGGESTED BY MANUFACTURER'S
- 1. SHRUBS AND TREES MILORGANITE, OR APPROVED EQUAL ANNUALS AND GROUNDCOVERS - OSMOCOTE/SIERRA BLEND 14-14-14
- 3. SOD 8-8-8 FERTILIZER IN ADDITION TO SURFACE APPLIED FERTILIZERS, ALL CONTAINER GROWN AND FIELD GROWN PLANT MATERIAL SHALL RECEIVE "AGRIFORM" PLANTING TABLETS 24-10-5 FORMULA, 21 GRAM OR EQUAL THESE TABLETS SHALL BE PLACED AT A DEPTH OF ROOT BALL AT THE RATE AS SPECIFIED BY MANUFACTURER.
- K. MULCH MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF 3 INCHES. SEE PLANT LIST FOR TYPE OF MATERIAL AND GRADE

- L. DIGGING AND HANDLING
- 1. PROTECT ROOTS OR BALLS OF PLANTS AT ALL TIMES FROM SUN AND DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT BREAKAGE AND DRYING OUT DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTI-TRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
- 2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.
- 3 PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. THE ROOTS SHALL NOT BE CUT WITHIN THE MINIMUM SPREAD SPECIFIED IN THE PLANT LIST. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT IN MOVING AND PRIOR TO PLANTING 4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE
- AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PFR DFTAI 5. EXCAVATION OF TREE PITS SHALL BE DONE USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB- BASES.
- M. CONTAINER GROWN STOCK 1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION. 2 AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS. 3. PLANT ROOTS BOUND IN CONTAINERS SHALL NOT BE ACCEPTABLE 4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE OWNER
- AND LANDSCAPE ARCHITECT. N COLLECTED STOCK WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED ON THE PLANT LIST SCHEDULE THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY
- O. NATIVE STOCK PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSEULLY REESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.
- P. MATERIALS LIST QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE BIDDERS TAKE OFF AND THE PLANT LIST QUANTITY. THE LANDSCAPE ARCHITECT SHALL BE
- NOTIFIED FOR CLARIFICATION PRIOR TO THE SUBMISSIONS OF BIDS. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE Q. FINE GRADING 1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND
- PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR, UNLESS OTHERWISE NOTED. 2. THE LANDSCAPE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE. 3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
- R. PLANTING PROCEDURES
- 1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN UP WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR OWNER. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR 2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT
- LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER LINES, CABLE AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES.
- 3. SUBGRADE EXCAVATION: SITE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". SITE CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY SITE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, LANDSCAPE CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT OR OWNER.
- 4 FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING
- 5. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. PLANTS SHALL BE PROTECTED UPON ARRIVAL AT THE SITE BY BEING THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS SHALL NOT REMAIN UNPROTECTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
- 6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE THE PLANTING WITH THE IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION ITEMS AND PLANTS.
- 7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1. UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL AS SPECIFIED HEREIN BEFORE (SECTION H). TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IE POOR DRAINAGE EXISTS UTILIZE PLANTING DETAIL THAT ADDRESSES THIS CONDITION. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURE AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED 8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES
- WHILE INSTALLING TREES 9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION H OF THESE SPECIFICATIONS. IN ADDITION. EACH PLANTING PIT SHALL RECEIVE 21-GRAM "AGRIFORM" PLANTING TABLETS PER MANUFACTURER'S SPECIFICATIONS OR AS FOLLOWS:
- TWO (2) TABLETS PER 1 GAL. PLANT THREE (3) TABLETS PER 3 GAL, PLAN - FOUR (4) TABLETS PER 10 GAL PLAN
- LARGER MATERIAL TWO (2) TABLETS PER 1/2" OF TRUNK CALIPER 10. TREES AND SHRUBS SHALL BE SET STRAIGHT AND AT SUCH A LEVEL THAT AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED AND THOROUGHLY TAMPED AROUND THE BALL AND SHALL BE SETTLED BY WATER AFTER TAMPING. 11. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH
- WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH 12. PRUNING: EACH TREE SHALL BE PRUNED TO PRESERVE THE NATURAL CHARACTER OF THE PLANT AS
- SHOWN ON THE DRAWINGS. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT 13. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. TILL INTO TOP 4" THE PLANTING SOIL MIX AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- 14. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE LANDSCAPE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE LANDSCAPE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF THEIR INTENTIONS AND AGREE TO HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT ANY TREES FALL DOWN AND DAMAGE PERSON OR PROPERTY
- 15. MULCHING: PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED. GROUND COVER AND VINE BED AND TREE PI 16. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER
- PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER

MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION. TREAT ALL

S. LAWN SODDING 1. THE WORK CONSISTS OF LAWN BED PREPARATION. SOIL PREPARATION, AND SODDING COMPLETE. IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A GRASS LAWN ACCEPTABLE TO THE OWNER.

2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE WHOLE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING. ALL DEPRESSIONS CAUSED BY SETTLEMENT OF ROLLING SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH THAT IS UP TO THE REQUIRED GRADE 3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. APPLY FERTILIZER AT RATE OF VENTY (20) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. APPLICATION SHALL BE UNIFORM UTILIZING APPROVED MECHANICAL SPREADERS. MIX FERTILIZER THOROUGHLY WITH THE SOIL TO A DEPTH OF THREE (3) INCHES. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY 4 SODDING

A THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS. UNLESS SPECIFICALLY NOTED OTHERWISE. B. THE SOD SHALL BE CERTIFIED TO MEET THE STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY RUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA.

SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A FOUR INCH MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING. THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND AS APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN

D. DURING DELIVERY, PRIOR TO AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE. 5. SEEDING

A PROVIDE FRESH CLEAN NEW CROP LAWN SEED MIXTURE FURNISH TO OWNER DEALERS GUARANTEED STATEMENT OF COMPOSITION OF MIXTURE AND PERCENTAGE OF PURITY AND GERMINATION OF EACH VARIETY. B. SEED MIXTURE: PROVIDE SEED OF GRASS SPECIES AND VARIETIES, PROPORTIONS BY WEIGHT AND MINIMUM PERCENTAGES OF PURITY, GERMINATION, AND MAXIMUM PERCENTAGE OF WEED SEED, SEED MIXTURES VARY BY REGION AND SEASON AND SHALL COMPLY WITH STATE DO AND LOCAL SOIL CONSERVATION SERVICE STANDARDS FOR LAWN TURF

C. DO NOT PERFORM SEEDING IN WINDY CONDITIONS.

D. SEEDING SHALL BE DISPERSED IN 2 DIRECTIONS AT RIGHT ANGLES TO EACH OTHER. E. PERMANENTLY SEED AND MULCH CUT AND FILL SLOPES AS CONSTRUCTION PROCEEDS TO EXTENT CONSIDERED DESIRABLE AND PRACTICAL. IN THE EVENT IT IS NOT PRACTICAL TO SEED AREAS, SLOPES SHALL BE STABILIZED WITH STRAW MULCH AND TACKIFIER, BONDED FIBER MATRIX, NETTING, BLANKETS OR OTHER MEANS TO REDUCE THE EROSIVE POTENTIAL OF THE AREA.

F. SEED LAWN AREAS BY SOWING EVENLY WITH APPROVED MECHANICAL SEEDER AT RATE OF MINIMUM OF 6 POUNDS PER 1,000 SQUARE FEET. AMOUNT WILL VARY BASED ON VARIETY AND/OR SPECIES. CULTI-PACKER OR APPROVED SIMILAR EQUIPMENT MAY BE USED TO COVER SEED AND TO FORM SEEDBED IN ONE OPERATION. IN AREAS INACCESSIBLE TO CUTI-PACKER. LIGHTLY RAKE SEEDED GROUND WITH FLEXIBLE RAKES AD ROLL WITH WATER BALLAST ROLLER. AFTER ROLLING, MULCH WITH STRAW MULCH AT THE RATE OF 2 TONS PER ACRE.

G. SURFACE LAYER OF SOIL FOR SEEDED AREAS SHALL BE KEPT MOIST DURING GERMINATION PERIOD, WATER SEEDED AREAS TWICE FIRST WEEK TO MINIMUM DEPTH OF 6 INCHES WITH FINE SPRAY AND ONCE PER WEEK HEREAFTER AS NECESSARY TO SUPPLEMENT NATURAL RAIN TO EQUIVALENT OF 6 INCHES DEPTH. H. CONTRACTOR TO REAPPLY SEED AS NECESSARY IN ORDER TO GET ALL SEEDED AREAS ESTABLISHED AS INTENDED.

6. LAWN MAINTENANCE A. WITHIN THE CONTRACT LIMITS. THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED. SUNKEN OR BARE SPOTS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING II NECESSARY)

B. WATER EVERY DAY FOR TEN (10) SUCCESSIVE DAYS, THEN WATER THREE (3) TIMES PER WEEK (AT EVEN INTERVALS) FOR TWO (2) ADDITIONAL WEEKS. ALL WATERING SHALL BE OF SUFFICIENT QUANTITY TO WET OR RESTORE WATER TO DEPTH OF FOUR (4) INCHES. CONTRACTOR TO DETERMINE IF SITE IS IN A DROUGHT RESTRICTION AREA AND MUST FOLLOW CITY/ COUNTY PROTOCOL IF ANY ARE IN PLACE. T. CLEAN-UP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

U. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

V. MAINTENANCE (ALTERNATE BID ITEM) 1. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST PER MONTH BASIS. W. GUARANTEE

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER.

2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF 90 CALENDAR DAYS, COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER. 3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE

GUARANTEE PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING". AT NO ADDITIONAL COST TO THE OWNER

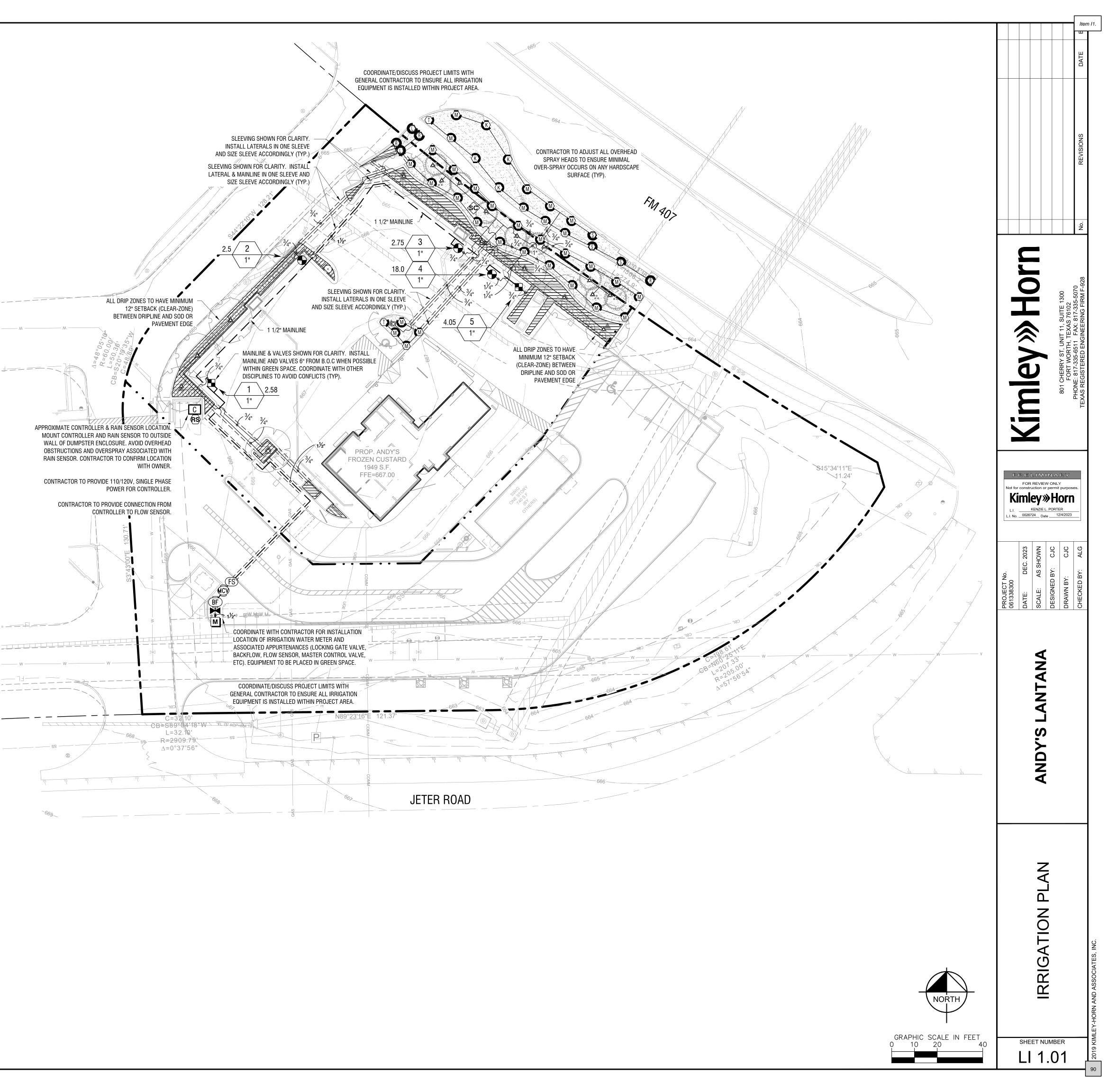
4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE. PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTH PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE. X. FINAL INSPECTION AND ACCEPTANCE OF WORK

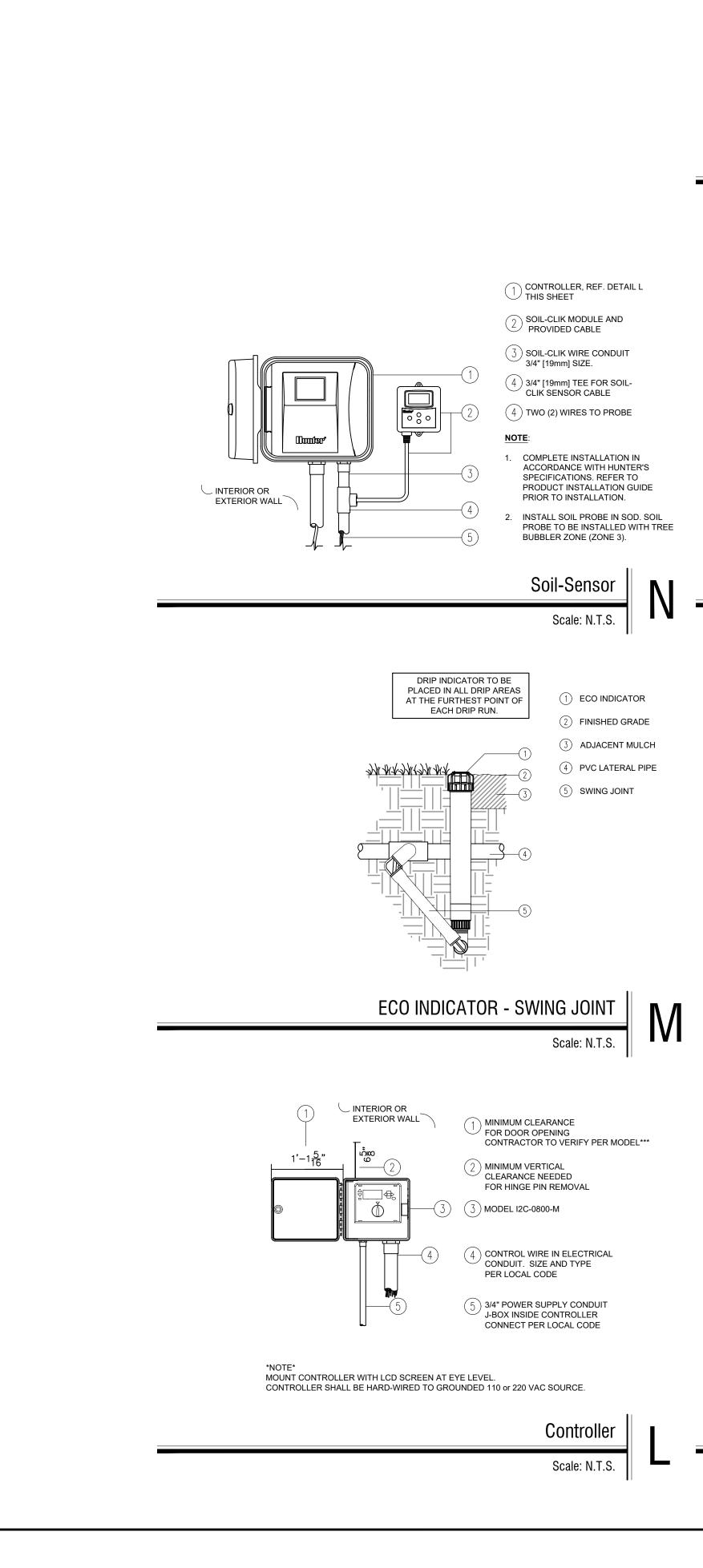
FINAL INSPECTION AT THE END OF THE GUARANTEE PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR GUARANTEE (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED

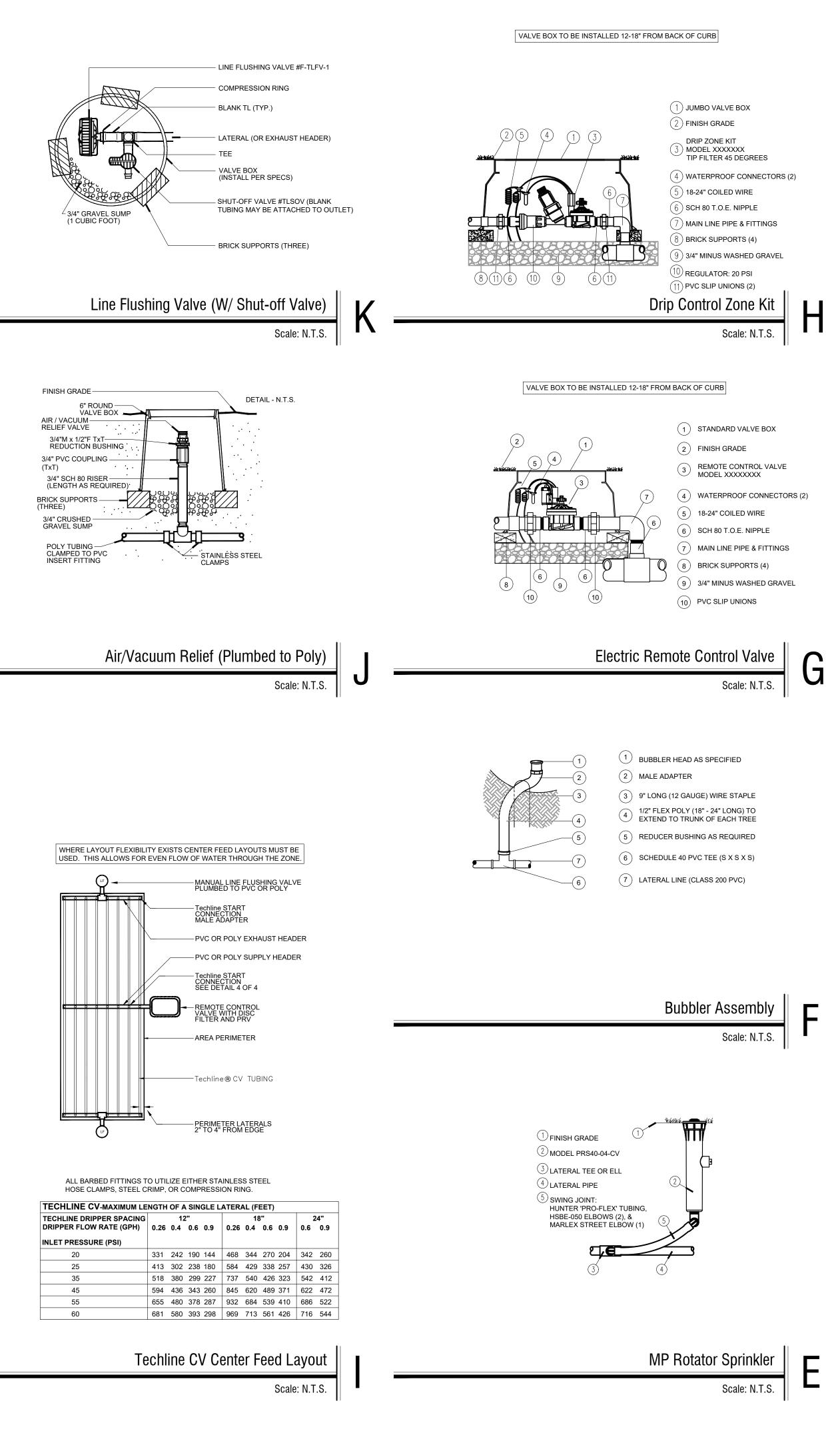
ltem I1  $\bigcirc$  $\widehat{\ }$ PRELIMINARY FOR REVIEW ONLY lot for construction or permit purpose Kimley»Horn P.L.A. ALYSA L. GAPINSKI ...A. No. <u>3547</u> Date <u>12/4/2023</u> 

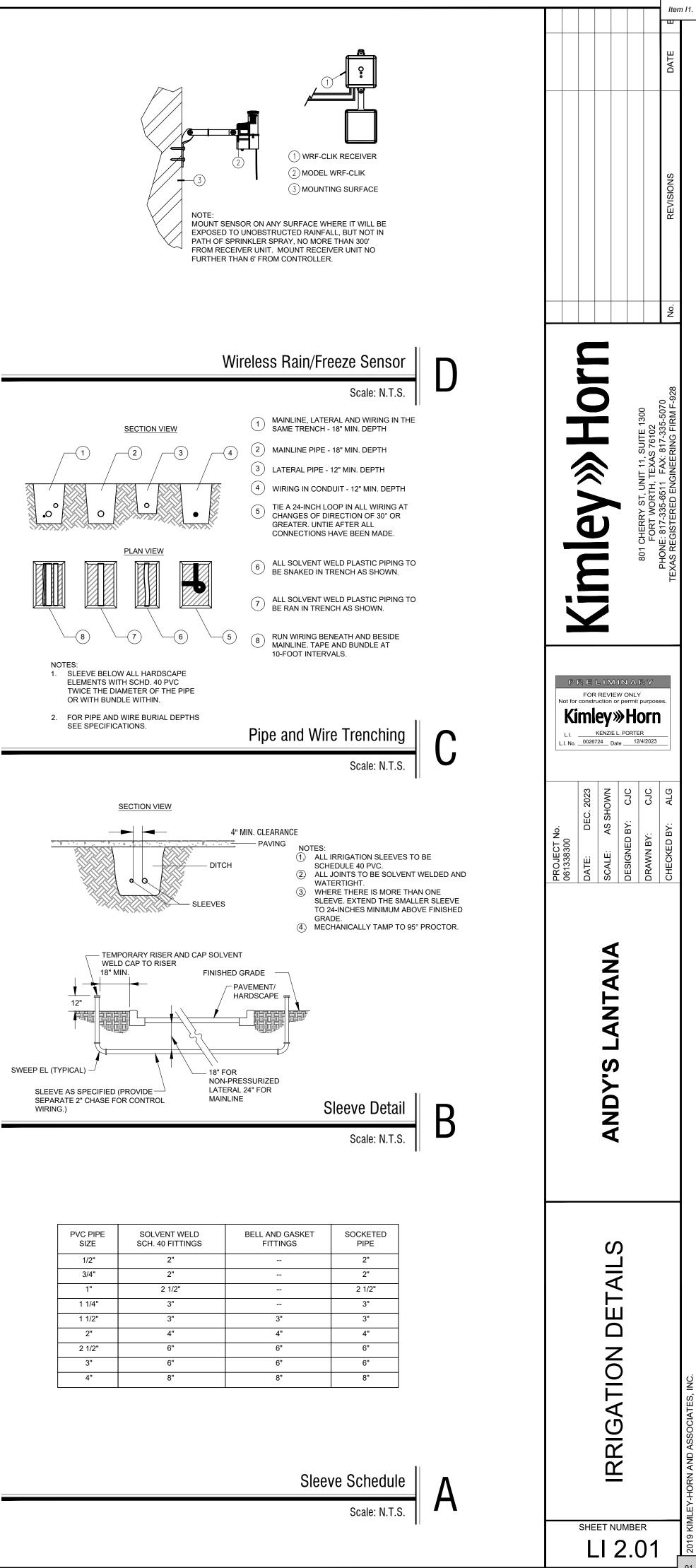
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	<u>QTY</u>
$\langle \overline{1} \rangle$	HUNTER MP CORNER PROS-04-PRS40-CV TURF ROTATOR, 4IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. $T=TURQUOISE$ ADJ ARC 45-105 ON PRS40 BODY.	2
LST SST RST	HUNTER MP STRIP PROS-04-PRS40-CV TURF ROTATOR, 4IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP.	8
$\overline{\mathbb{O}}$	HUNTER MP1000 PROS-04-PRS40-CV TURF ROTATOR, 4IN. POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. $M=MAROON ADJ ARC$ 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.	32
$\langle \mathbf{K} \rangle \langle \mathbf{G} \rangle \langle \mathbf{R} \rangle$	HUNTER MP2000 PROS-04-PRS40-CV TURF ROTATOR, 4IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.	4
<b>▲ ○</b> ▲ □ 25 50 10 20	HUNTER PCB FLOOD BUBBLER, 1/2IN. FIPT.	19
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	<u>QTY</u>
	HUNTER ICZ-101-25-LF DRIP CONTROL ZONE KIT. 1IN. ICV GLOBE VALVE WITH 1IN. HY100 FILTER SYSTEM. PRESSURE REGULATION: 25 PSI. FLOW RANGE: .5 GPM - 15 GPM. 150 MESH STAINLESS STEEL SCREEN.	2
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-026-12	1,540 L.F.
	TECHLINE PRESSURE COMPENSATING LANDSCAPE DRIPLINE WITH CHECK VALVE. 0.26 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. 17MM.	1,010 E.I.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION HUNTER ICV-G	<u>QTY</u>
•	1IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	3
X	ISOLATION VALVE	1
<b>C</b>	HUNTER ICV-G 1" 1 IN. PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1
BF	FEBCO 850 1-1/2" DOUBLE CHECK BACKFLOW PREVENTION	1
С	HUNTER I2C-0800-M 8 STATION OUTDOOR MODULAR CONTROLLER. NO MODULE REQUIRED. COMMERCIAL USE. METAL CABINET.	1
ŚĊ	HUNTER SOIL-CLIK THE SOIL-CLIK PROBE USES PROVEN TECHNOLOGY TO MEASURE MOISTURE WITHIN THE ROOT ZONE. WHEN THE PROBE SENSES THAT THE SOIL HAS REACHED ITS DESIRED MOISTURE LEVEL, IT WILL SHUT DOWN IRRIGATION, PREVENTING WATER WASTE.	1
(RS)	HUNTER WRF-CLIK RAIN/FREEZE SENSOR, INSTALL WITHIN 1000 FT OF CONTROLLER, IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED. INCLUDES GUTTER MOUNT.	1
(FS)	HUNTER HC-100-FLOW 1IN. FLOW METER FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR	1
Μ	COMMERCIAL IRRIGATION SYSTEM. WATER METER 1"	1
	- IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	1,539 L.F.
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21	373.7 L.F.
	PIPE SLEEVE: PVC SCHEDULE 40	
=======	<ul> <li>TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SIZE SHALL</li> <li>ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVES 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION.</li> <li>Valve Callout</li> </ul>	327.9 L.F.
#• #•	Valve Number Valve Flow	
#"•	Valve Size	
WATER PRESSURE DOES REQUIRED AT COST OF CO	DESIGNED TO THE FOLLOWING STATS: 65 PSI AND 37.5 GPM. IF NOT MEET DESIGN SPECIFICATIONS A BOOSTER PUMP WILL BE DNTRACTOR. CONTACT LANDSCAPE ARCHITECT PRIOR TO HAS +/- 5 PSI THAN DESIGN PRESSURE.	
ABOVE QUANTITIES PROV QUANTITIES PRIOR TO BID	IDED FOR CONVENIENCE ONLY. CONTRACTOR TO CONFIRM ALL DDING.	
REFERENCE MAXIMUM LA POINTS OF CONNECTION F	TERAL DRIPLINE CHART TO DETERMINE MINIMUM NUMBER OF PER DRIP LINE ZONE.	
WHERE LAYOUT FLEXIBILI FOR EVEN FLOW OF WATE	TY EXISTS CENTER FEED LAYOUTS MUST BE USED. THIS ALLOWS R THROUGH THE ZONE.	
Hunter Eco-Indicator Drip Run.	TO BE PLACED IN ALL DRIP AREAS AT THE FURTHEST POINT OF EACH	
	CAPACITY OF THE FLOW SENSOR ARE TO BE WIRED IN THE HER ZONE SO THAT THE FLOW SENSOR READS BOTH ZONES AS	

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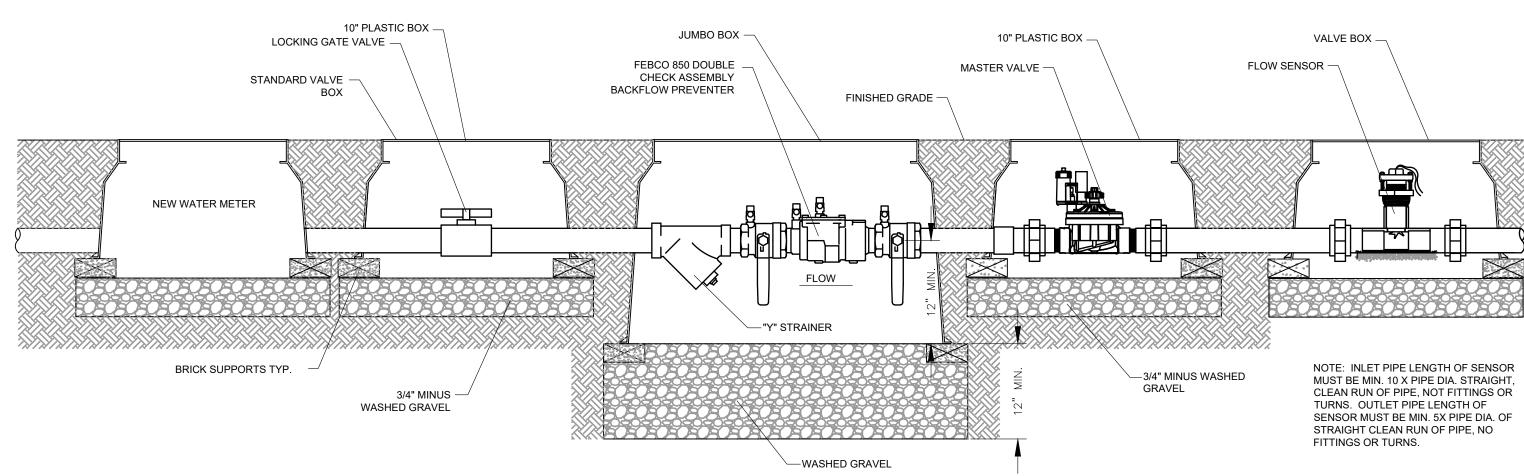








CONSTRUCTION.



### **IRRIGATION NOTES**

RRIGATION CONTRACTOR SHALL TEST EXISTING STATIC PRESSURE ON SITE PRIOR TO CONSTRUCTION. SHOULD EXISTING SITE PRESSURE BE BELOW 65 PSI, CONTRACTOR SHALL CONTACT THE IRRIGATION DESIGNER PRIOR TO COMMENCEMENT OF

COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE 100% COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER

ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS PRIOR TO COMMENCEMENT OF OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. LATERAL PIPE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 12 INCHES. MAINLINE PIPE AND WIRES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 18 INCHES.

ELECTRICAL POWER SHALL BE PROVIDED WITHIN 5 FEET OF CONTROLLER LOCATION BY GENERAL CONTRACTOR. LICENSED IRRIGATION CONTRACTOR TO PROVIDE FINAL HARD WIRE TO CONTROLLER.

24 VOLT VALVE WIRE SHALL BE A MINIMUM OF 14 GAUGE, U.L. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR "IRRIGATION WIRE". CONTRACTOR TO CONFIRM WIRE SIZE PRIOR TO INSTALLATION. WIRE SPLICES SHALL BE ENCASED IN A WATERPROOF WIRE CONNECTOR UL APPROVED AND FILLED WITH SILICONE.

IRRIGATION VALVES AND VALVE BOXES SHALL BE LOCATED IN LANDSCAPE BEDS OR GROUNDCOVER AREAS WHENEVER POSSIBLE. ALL REMOTE VALVE BOXES SHALL BE SET FLUSH WITH FINISHED GRADE AND CONTAIN ONE CUBIC FOOT OF CLEAN GRAVEL BENEATH VALVE. LABEL REMOTE BOXES WITH ONE-INCH ALPHA NUMERIC NOTATION CORRESPONDING TO THE APPLICABLE ALPHA CONTROLLER AND NUMERIC STATION. USE 10" ROUND VALVE BOXES FOR ELECTRIC VALVES AND QUICK COUPLING VALVES. USE 15" X 9.5" RECTANGULAR BOX FOR DRIP VALVES UNLESS NOTED OTHERWISE. DOUBLE CHECK ASSEMBLY SHALL BE BOXED ACCORDING TO LOCAL CODES.

USE PVC SWING JOINT ASSEMBLIES TO CONNECT ALL SPRAY AND ROTOR HEADS.

CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK. SLEEVES SHALL BE INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. SLEEVE MATERIAL SHALL BE PVC, SCHD. 40. CONTRACTOR SHALL EXTEND SLEEVES 18 INCHES BEYOND EDGE OF ALL PAVEMENT. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. SEE SLEEVING DETAIL. ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE PLACED WITHIN SLEEVES AS NOTED.

. DRIP LINE SHALL BE PLACED A MINIMUM OF 2" UNDER MULCH. 2. LICENSED IRRIGATION CONTRACTOR SHALL ADJUST SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE AND ADJUST FOR MINIMUM OVERSPRAY ONTO PAVEMENT. NO OVERSPRAY IS PERMITTED ONTO STREETS OR SIDEWALKS.

IRRIGATION CONTRACTOR SHALL SUPPLY AND CONSTRUCT IRRIGATION SYSTEM WITH ALL MATERIALS AND PER MANUFACTURER SPECIFICATIONS SHOWN ON THIS PLAN. IF CONTRACTOR PREFERS MATERIALS THAT DIFFER FROM THE THIS PLAN, THEY SHALL BE APPROVED BY THE IRRIGATION DESIGNER PRIOR TO CONSTRUCTION.

4. VERIFY CONTROLLER AND RAIN SENSOR LOCATION AND MAINLINE POINT OF CONNECTION AT PROJECT SITE WITH OWNER. 5. EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.

6. IRRIGATION LATERAL LINES. MAIN LINES AND EQUIPMENT MAY BE SHOWN OUTSIDE PROPERTY LINES ON THIS PLAN, ALL IRRIGATION LINES AND EQUIPMENT ARE TO BE WITHIN AND INSTALLED WITHIN THE LIMITS OF THE PROPERTY LINE.

2. SUPPLY LINE AND METER TO BE PROVIDED BY GENERAL CONTRACTOR. BACKFLOW PREVENTER TO BE PROVIDED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN AFTER THE IRRIGATION WATER METER. 8. IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNERS

REPRESENTATIVE. 19. ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED. 20. MAINLINE, VALVES, AND WIRING ARE SHOWN ON DRAWINGS FOR CLARITY, SHOULD BE LOCATED IN ACCESSIBLE GREEN SPACE.

CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES TO AVOID CONFLICTS WITH UTILITIES/ STRUCTURES, ETC. I. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.

22. SET SPRAY HEADS 4" FROM BACK OF CURB OR 24" IF PAVEMENT HAS NO CURB.

23. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT. "AS-BUILT" DRAWINGS TO BE COLOR CODED BY ZONE ON 8.5" X 11", LAMINATED, AND PLACED

24. ALL DRIP ZONES SHALL BE INSTALLED WITH A SELF-FLUSHING DISC FILTER, OR APPROVED EQUAL.

25. INSTALL ALL IRRIGATION COMPONENTS AS PER MANUFACTURERS REQUIREMENTS.

26. IRRIGATION HEADS AND COMPONENTS SHALL BE LOCATED A MINIMUM OF 24" FROM ALL BUILDINGS TO AVOID ADVERSE PERFORMANCE OF FOUNDATIONS AND SLABS.

27. NO LATERALS LESS THAN 3/4" DIAMETER.

IN CONTROLLER.

### 6. PROTECTION OF EXISTING PLANTS AND SITE CONDITIONS: THE CONTRACTOR SHALL PRECAUTIONS TO PROTECT SITE CONDITIONS TO REMAIN. SHOULD DAMAGE BE INCURR SHALL REPAIR THE DAMAGE TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPEN 7. THE OWNER RESERVES THE RIGHT TO SUBSTITUTE, ADD, OR DELETE ANY MATERIAL PROGRESSES. ADJUSTMENTS TO THE CONTRACT PRICE SHALL BE NEGOTIATED IF DEEN OWNER ON A PER DIEM BASIS. 8. THE OWNER RESERVES THE RIGHT TO REJECT MATERIAL OR WORK WHICH DOES NO CONTRACT DOCUMENTS. REJECTED WORK SHALL BE REMOVED OR CORRECTED AT TH 9. WORK SCHEDULE: WITHIN 10 DAYS AFTER AWARD OF THE CONTRACT, THE CONTRACT OWNER A WORK SCHEDULE. 10. "AS-BUILT" IRRIGATION DRAWINGS: PREPARE AN "AS-BUILT" DRAWING ON A FULL-SIZ

SHOW DEVIATIONS FROM THE BID DOCUMENTS MADE DURING CONSTRUCTION AFFECT CONTROLLER LOCATIONS, REMOTE CONTROL VALVES AND QUICK COUPLING VALVES. INDICATE AND SHOW APPROVED SUBSTITUTIONS OF SIZE, MATERIAL AND MANUFACTU NAME AND CATALOG NUMBER. THE DRAWINGS SHALL BE DELIVERED TO THE TENANT'S REPRESENTATIVE BEFORE FINAL ACCEPTANCE OF WORK 11. FINAL ACCEPTANCE: FINAL ACCEPTANCE OF THE WORK MAY BE OBTAINED FROM T

Double Check Assembly Backflow Preventer with Flow Sensor

		Item 11
		DATE
GENERAL IRRIGATION SPECIFICATIONS AND NOTES	E. INSTALLATION:	
<ul> <li>A. EXTENT:</li> <li>INCLUDES FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT FOR THE PROPER INSTALLATION OF THE IRRIGATION SYSTEM. THE WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: (1) TRENCHING AND BACKFILL, (2) AUTOMATICALLY CONTROLLED LOW VOLUME IRRIGATION SYSTEM, (3) TEST ALL SYSTEMS AND MAKE OPERATIVE, (4) "AS-BUILT" DRAWINGS.</li> </ul>	<ol> <li>INSTALLATION.</li> <li>EXCAVATION AND TRENCHING:         <ul> <li>A. PERFORM ALL EXCAVATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK INCLUDING UNDER THIS SECTION, INCLUDING SHORING OF EARTH BANKS TO PREVENT CAVE-INS. RESTORE ALL SURFACES, EXISTING UNDERGROUND INSTALLATIONS, ETC., DAMAGED OR CUT AS A RESULT OF THE EXCAVATIONS TO AND IN A MANNER APPROVED BY THE OWNER.</li> </ul> </li> </ol>	SN S
B. GENERAL: 1. PERMITS AND FEES: OBTAIN ALL PERMITS AND PAY REQUIRED FEES TO ANY GOVERNMENTAL AGENCY HAVING JURISDICTION OVER THE WORK. INSPECTIONS REQUIRED BY LOCAL ORDINANCES DURING THE COURSE OF CONSTRUCTION SHALL BE ARRANGED AS REQUIRED. ON COMPLETION OF THE WORK, SATISFACTORY EVIDENCE SHALL BE FURNISHED TO THE OWNER'S CONSTRUCTION REPRESENTATIVE TO SHOW THAT ALL WORK HAS BEEN INSTALLED IN ACCORDANCE WITH THE STATE AND LOCAL BUILDING/ PLUMBING CODE AND ALL OTHER CODE REQUIREMENTS.	<ul> <li>B. TRENCHES SHALL BE MADE WIDE ENOUGH TO ALLOW A MINIMUM OF 6 INCHES BETWEEN PARALLEL PIPE LINES. TRENCHES FOR PIPE LINES SHALL BE MADE OF SUFFICIENT DEPTHS TO PROVIDE THE MINIMUM COVER FROM FINISH GRADE AS FOLLOWS: <ol> <li>24" MINIMUM BELOW BOTTOM PAVEMENT PER SLEEVING INSTALLATION DETAIL FOR MAIN LINE.18" MINIMUM FO NON-PRESSURIZED LATERALS.</li> <li>MINIMUM COVER OVER IRRIGATION LINES TO HEADS/ DRIPLINE EXCEPT VEHICLE TRAFFIC AREAS ARE AS FOLLOWS:</li> </ol> </li> </ul>	REVISIONS
<ol> <li>2. APPROVAL: WHEREVER THE TERMS "APPROVE" OR "APPROVED" ARE USED IN THE SPECIFICATIONS, THEY SHALL MEAN THE APPROVAL OF THE OWNER'S CONSTRUCTION REPRESENTATIVE IN WRITING.</li> <li>3. BEFORE ANY WORK IS STARTED, A CONFERENCE SHALL BE HELD BETWEEN THE CONTRACTOR AND THE OWNER'S CONSTRUCTION REPRESENTATIVE CONCERNING THE WORK UNDER THIS CONTRACT.</li> </ol>	<ul> <li>18" COVER OVER MAINLINE</li> <li>C. MAINTAIN ALL WARNING SIGNS, SHORING, BARRICADES, FLARES AND RED LANTERNS AS REQUIRED BY THE SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY AND LOCAL ORDINANCES.</li> <li>2. PIPE LINE ASSEMBLY:</li> <li>A. INSTALL REMOTE CONTROL VALVES WHERE SHOWN AND GROUP TOGETHER WHERE PRACTICAL, PLACE NO</li> </ul>	Ř.
<ol> <li>COORDINATION: COORDINATE AND COOPERATE WITH OTHER CONTRACTORS TO ENABLE THE WORK TO PROCEED AS RAPIDLY AND EFFICIENTLY AS POSSIBLE</li> <li>INSPECTION OF SITE:         <ul> <li>A. CONTRACTOR SHALL ACQUAINT THEMSELVES WITH ALL SITE CONDITIONS. SUBMISSION OF THEIR PROPOSAL</li> </ul> </li> </ol>	<ul> <li>A. INSTALL REMOTE CONTROL VALVES WHERE SHOWN AND GROUP TOGETHER WHERE FRACTICAL, PLACE NO CLOSER THAN 12-18 INCHES TO WALK EDGES, WALLS, AND OTHER PAVEMENTS. PLACE A MINIMUM OF 24" FROM BUILDINGS.</li> <li>B. PLASTIC PIPE AND FITTINGS SHALL BE SOLVENT WELDED USING SOLVENTS AND METHODS RECOMMENDED BY MANUFACTURER OF THE PIPE, EXCEPT WHERE SCREWED CONNECTIONS ARE REQUIRED. PIPE AND FITTINGS SHALL</li> </ul>	
SHALL BE CONSIDERED EVIDENCE THAT THE EXAMINATION HAS BEEN CONDUCTED. SHOULD UTILITIES NOT SHOWN ON THE PLANS BE FOUND DURING EXCAVATIONS, CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S CONSTRUCTION REPRESENTATIVE FOR INSTRUCTIONS AS TO FURTHER ACTION. FAILURE TO DO SO WILL MAKE CONTRACTOR LIABLE FOR ANY AND ALL DAMAGE THERETO ARISING FROM HIS OPERATIONS SUBSEQUENT TO DISCOVERY OF SUCH UTILITIES NOT SHOWN IN PLANS.	BE THOROUGHLY CLEANED OF DIRT, DUST AND MOISTURE BEFORE APPLYING SOLVENT WITH A NON-SYNTHETIC BRISTLE BRUSH. C. PIPE MAY BE ASSEMBLED AND WELDED ON THE SURFACE. SNAKE PIPE FROM SIDE TO SIDE OF TRENCH BOTTOM TO ALLOW FOR EXPANSION AND CONTRACTION.	<b>D</b> F-928
B. CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS IN THE LAYOUT AS MAY BE REQUIRED TO CONNECT TO EXISTING STUBOUTS, SHOULD SUCH STUBS NOT BE LOCATED EXACTLY AS SHOWN, AND AS MAY BE REQUIRED TO WORK AROUND EXISTING WORK AT NO INCREASE IN COST TO THE OWNER'S CONSTRUCTION REPRESENTATIVE.	<ul> <li>D. MAKE ALL CONNECTIONS BETWEEN PLASTIC PIPE AND METAL VALVES OR STEEL PIPE WITH THREADED FITTINGS USING PLASTIC MALE ADAPTERS.</li> <li>E. JOINTS: <ol> <li>PIPE SIZES 2 1/2 INCH OR SMALLER SHALL HAVE BELL AND SOCKET JOINTS.</li> </ol> </li> </ul>	SUITE 1300 S 76102 : 817-335-507 : RING FIRM F
6. PROTECTION OF EXISTING PLANTS AND SITE CONDITIONS: THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT SITE CONDITIONS TO REMAIN. SHOULD DAMAGE BE INCURRED, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.	<ol> <li>2. PIPE SIZES LARGER THAN 2 1/2 INCH SHALL HAVE SNAP CONNECTIONS WITH RUBBER GASKET JOINTS.</li> <li>3. THRUST BLOCKING SHALL BE REQUIRED WHEN PIPE SIZE IS 4" OR GREATER.</li> <li>3. SPRINKLER HEADS/ DRIPLINE:         <ul> <li>A. INSTALL ALL SPRINKLERS/ DRIPLINE AS DETAILED ON DRAWINGS.</li> </ul> </li> </ol>	UNIT 11, SI TH, TEXAS 1 511 FAX: 8 ENGINEERI
<ol> <li>THE OWNER RESERVES THE RIGHT TO SUBSTITUTE, ADD, OR DELETE ANY MATERIAL OR WORK AS THE WORK PROGRESSES. ADJUSTMENTS TO THE CONTRACT PRICE SHALL BE NEGOTIATED IF DEEMED NECESSARY BY THE OWNER ON A PER DIEM BASIS.</li> <li>THE OWNER RESERVES THE RIGHT TO REJECT MATERIAL OR WORK WHICH DOES NOT CONFORM TO THE</li> </ol>	<ul><li>B. DO NOT SCALE PLANS FOR EXACT HEAD LOCATION.</li><li>4. CLOSING OF PIPE AND FLUSHING LINES:</li></ul>	RY ST, WOR 335-66
CONTRACT DOCUMENTS. REJECTED WORK SHALL BE REMOVED OR CORRECTED AT THE EARLIEST TIME POSSIBLE. 9. WORK SCHEDULE: WITHIN 10 DAYS AFTER AWARD OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT TO THE OWNER A WORK SCHEDULE.	<ul> <li>A. CAP OR PLUG ALL OPENINGS AS SOON AS LINES HAVE BEEN INSTALLED TO PREVENT THE ENTRANCE OF MATERIALS THAT WOULD OBSTRUCT THE PIPE. LEAVE IN PLACE UNTIL REMOVAL IS NECESSARY FOR COMPLETION OF INSTALLATION.</li> <li>B. THOROUGHLY FLUSH OUT ALL WATER LINES BEFORE INSTALLING HEADS, DRIPLINE, VALVES AND OTHER HYDRANTS.</li> </ul>	801 CHERF FORT PHONE: 817- EXAS REGISTE
10. "AS-BUILT" IRRIGATION DRAWINGS: PREPARE AN "AS-BUILT" DRAWING ON A FULL-SIZE PLAN SET WHICH SHALL SHOW DEVIATIONS FROM THE BID DOCUMENTS MADE DURING CONSTRUCTION AFFECTING THE MAIN LINE PIPE, CONTROLLER LOCATIONS, REMOTE CONTROL VALVES AND QUICK COUPLING VALVES. THE DRAWINGS SHALL ALSO INDICATE AND SHOW APPROVED SUBSTITUTIONS OF SIZE, MATERIAL AND MANUFACTURERS NAME AND CATALOG NAME AND CATALOG NUMBER. THE DRAWINGS SHALL BE DELIVERED TO THE TENANT'S CONSTRUCTION	<ul> <li>C. TEST IN ACCORDANCE WITH PARAGRAPH ON HYDROSTATIC TESTS.</li> <li>D. UPON COMPLETION OF THE TESTING, THE CONTRACTOR SHALL COMPLETE ASSEMBLY AND ADJUST SPRINKLER HEADS FOR PROPER DISTRIBUTION.</li> <li>5. INSPECTIONS:</li> </ul>	
REPRESENTATIVE BEFORE FINAL ACCEPTANCE OF WORK 11. FINAL ACCEPTANCE: FINAL ACCEPTANCE OF THE WORK MAY BE OBTAINED FROM THE OWNER'S CONSTRUCTION REPRESENTATIVE UPON THE SATISFACTORY COMPLETION OF ALL WORK. 12. GUARANTEE: ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF ACCEPTANCE AGAINST ALL	<ul> <li>A. SPRINKLER/ DRIPLINE LAYOUT AND SPACING INSPECTION: VERIFICATION THAT THE IRRIGATION DESIGN IS</li> <li>ACCURATELY INSTALLED IN THE FIELD. IT WILL ALSO PROVIDE FOR ALTERATION OR MODIFICATION OF THE SYSTEM</li> <li>TO MEET FIELD CONDITIONS. SPACING SHOULD BE WITHIN 5% OF THE DESIGN SPACING.</li> <li>B. PIPE INSTALLATION DEPTH INSPECTION: ALL PIPES IN THE SYSTEM SHALL BE INSTALLED TO DEPTHS AS</li> </ul>	
DEFECTS IN MATERIAL, EQUIPMENT AND WORKMANSHIP. GUARANTEE SHALL ALSO COVER REPAIR OF DAMAGE TO ANY PART OF THE PREMISES RESULTING FROM LEAKS OR OTHER DEFECTS IN MATERIAL, EQUIPMENT AND WORKMANSHIP TO THE SATISFACTION OF THE TENANT'S CONSTRUCTION REPRESENTATIVE. REPAIRS, IF REQUIRED, SHALL BE DONE PROMPTLY AT NO COST TO THE OWNER.	PREVIOUSLY DESCRIBED IN SECTION 'E' OF THESE SPECIFICATIONS. C. OPEN TRENCH INSPECTION: THE TRENCH AND ALL JOINTS AND EVERY TRANSITION IN PIPE SIZE, WILL BE OPEN WHERE OPEN TRENCH INSPECTION IS REQUIRED. D. INSPECTIONS WILL BE PERFORMED THROUGHOUT THE DURATION OF THE INSTALLATION. INSPECTION MAY BE	PRELIMINARY FOR REVIEW ONLY Not for construction or permit purposes.
<ul> <li>13. A LAMINATED PLAN (8 1/2 X 11) SHOWING THE DIFFERENT IRRIGATION ZONES IN COLOR, PREPARED BY THE IRRIGATION CONTRACTOR, SHALL BE POSTED IN THE MECHANICAL ROOM OR WITHIN CONTROLLER CABINET.</li> <li>C. MATERIALS:         <ol> <li>1. GENERAL: ALL MATERIALS THROUGHOUT THE SYSTEM SHALL BE NEW AND IN PERFECT CONDITION.</li> </ol> </li> </ul>	MADE BY THE GOVERNING AGENCY/ OWNER TO ENSURE COMPLIANCE WITH DESIGN INTENT, SPECIFICATIONS, AND THE IRRIGATION CODES. 6. HYDROSTATIC TESTS: A. REQUEST THE PRESENCE OF THE OWNER AND/OR OWNERS REPRESENTATIVE IN WRITING AT LEAST 48 HOURS IN	Kimley         Horn           L.I.         KENZIE L. PORTER           L.I. No.         0026724           Date         12/4/2023
2. PLASTIC PIPING: ALL MAIN LINES AND LATERAL LINES SHALL BE CLASS 200 POLYVINYL CHLORIDE (PVC) PIPE AND SHALL COMPLY WITH ONE OF THE FOLLOWING STANDARDS: ASTM D 1785, ASTM D-2241, AWWA C-900, OR AWWA C-905. SDR-PR PIPE SHALL HAVE A MINIMUM WALL THICKNESS AS REQUIRED BY SDR-26. PVC GASKETS FITTINGS SHALL CONFORMING TO ASTM D 3139. GASKETS SHALL CONFORM TO ASTM F 477. SOLVENT-WELD PVC FITTINGS SHALL MEET THE REQUIREMENTS OF SCHEDULE 40 AS SET FORTH IN ASTM D 2466. THREADED PVC PIPE FITTINGS	ADVANCE OF TESTING. B. TESTING TO BE ACCOMPLISHED AT THE EXPENSE OF THE CONTRACTOR AND IN THE PRESENCE OF THE OWNER. C. CENTER LOAD PIPING WITH SMALL AMOUNT OF BACKFILL TO PREVENT ARCHING OR SLIPPING UNDER PRESSURE.	
SHALL MEET THE REQUIREMENTS OF SCHEDULE 40 AS SET FORTH IN ASTM D 2464. CONFORMING TO ASTM D-1784 AND D-2241 3. PLASTIC FITTINGS: ALL SOLVENT-WELD PVC FITTINGS SHALL MEET THE REQUIREMENTS OF SCHEDULE 40 AS SET FORTH IN ASTM D 2466. SCHEDULE 40 SOLVENT-WELD, POLYVINYL CHLORIDE (PVC) STANDARD WEIGHT AS	D. APPLYING A CONTINUOUS AND STATIC WATER PRESSURE OF 125 PSI WHEN WELDED PLASTIC JOINTS HAVE CURED AT LEAST 3 HOURS AND WITH THE RISERS CAPPED AS FOLLOWS: 1) MAIN LINES AND SUBMAINS TO BE TESTED FOR 2 HOURS.	No. DEC. 2023 AS SHOWN DBY: CJC Y: CJC BY: ALG
MANUFACTURED BY SLOANE, LASCO, OR APPROVED EQUAL. 4. SOLVENT CEMENT: PVC CEMENT SHALL MEET ASTM D 2564 AND PVC CLEANER-TYPE SHALL MEET ASTM F 656.	2) NO PRESSURE LOSS IS ALLOWED FOR SOLVENT WELD MAINLINE/ PIPE. E. FOR PVC AND O-RING GASKET PIPE THE ALLOWABLE LEAKAGE SHALL NOT EXCEED THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FOLLOWING FORMULA:	PROJECT N 061338300 DATE: SCALE: DESIGNED DRAWN BY: CHECKED E
5. SPRINKLER HEAD RISERS: SCHEDULE 40 PVC FOR RISERS. PIPE SHALL BE CUT WITH A STANDARD PIPE CUTTING TOOL WITH SHARP CUTTERS. REAM ONLY TO FULL DIAMETER OF PIPE AND CLEAN ALL ROUGH EDGES OR BURRS. CUT ALL THREADS ACCURATELY WITH SHARP DIES. NOT MORE THAN THREE(3) FULL THREADS SHALL SHOW BEYOND FITTINGS WHEN PIPE IS MADE UP. ASSEMBLIES SHALL BE AS DETAILED.	L=NPD <sup>1/2</sup> 1,850 IN WHICH: L=ALLOWABLE LEAKAGE, IN GALLONS PER HOUR N=NUMBER OF JOINTS D=PIPE DIAMETER IN INCHES	
<ol> <li>6. AUTOMATIC CONTROLLER: SEE LEGEND</li> <li>7. REMOTE CONTROL VALVES: SEE LEGEND</li> <li>8. CONTROL WIRING: CONVENTIONAL SYSTEMS TO USE 24 VOLT SOLID UL APPROVED FOR DIRECT BURIAL IN GROUND. MINIMUM WIRE SIZE: 14 GAUGE. ALL SPLICES SHALL BE MADE WITHIN VALVE BOX. TWO-WIRE SYSTEMS TO UTILIZE CONTROL WIRING PER MANUFACTURER STANDARDS.</li> </ol>	P=AVERAGE TEST PRESSURE IN PSI GAUGE F. REPAIR LEAKS RESULTING FROM TESTS. 7. AUTOMATIC CONTROLLERS:	<b>A</b>
<ol> <li>SLEEVES FOR CONTROL WIRING PER MANUFACTURER STANDARDS.</li> <li>SLEEVES FOR CONTROL WIRING: UNDER ALL WALKS AND PAVED AREAS AND WHERE INDICATED ON DRAWINGS. MINIMUM PVC SCHEDULE 40 PLASTIC PIPE.</li> <li>SPRINKLER HEADS/ DRIP LINE: SEE LEGEND</li> </ol>	<ul> <li>A. CONNECT REMOTE CONTROL VALVES TO CONTROLLER IN A CLOCKWISE SEQUENCE TO CORRESPOND WITH STATION SETTING BEGINNING WITH STATIONS 1, 2, 3, ETC.</li> <li>8. AUTOMATIC CONTROL WIRING:</li> <li>A. INSTALL CONTROL WIRING. SPRINKLER MAINS AND LATERALS IN COMMON TRENCHES WHEREVER POSSIBLE.</li> </ul>	TAN
11. QUICK COUPLING VALVES: SHALL BE NOTED ON DRAWINGS. D. WORKMANSHIP:	B. INSTALL CONTROL WIRES AT LEAST 18" BELOW FINISHED GRADE AND SNAKE WIRE SIDE TO SIDE IN TRENCH BELOW MAIN LINE. EXPANSION CURLS SHALL BE PROVIDED WITHIN THREE (3') FEET OF EACH WIRE CONNECTION TO SOLENOID AND AT LEAST EVERY THREE HUNDRED (300') FEET IN LENGTH.	LAN
<ol> <li>LAY OUT WORK AS ACCURATELY AS POSSIBLE TO THE DRAWINGS. THE DRAWINGS, THOUGH CAREFULLY DRAWN, ARE GENERALLY DIAGRAMMATIC TO THE EXTENT THAT SWING JOINTS, OFFSETS, AND ALL FITTINGS ARE NOT SHOWN.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULL AND COMPLETE COVERAGE OF ALL IRRIGATED AREAS AND SHALL MAKE ANY NECESSARY MINOR ADJUSTMENTS AT NO ADDITIONAL COST TO THE OWNER'S CONSTRUCTION</li> </ol>	(EXPANSION CURLS ARE FORMED BY WRAPPING AT LEAST FIVE (5) TURNS OF WIRE AROUND A ROD OR PIPE 1" OR MORE IN DIAMETER, THEN WITHDRAWING THE ROD). C. CONTROL WIRE SPLICES WILL BE ALLOWED ONLY RUNS OVER 1000 FT. CONNECTIONS SHALL BE IN VALVE BOX AND LOCATION TO BE SHOWN ON AS-BUILT PLANS.	Y'S
REPRESENTATIVE. 3. ANY MAJOR REVISIONS TO THE IRRIGATION SYSTEM MUST BE SUBMITTED AND ANSWERED IN WRITTEN FORM, ALONG WITH ANY CHANGE IN CONTRACT PRICE.	D. ALL WIRING PASSING UNDER EXISTING OR FUTURE PAVING, CONSTRUCTION, ETC., SHALL BE ENCASED IN PLASTIC OR GALVANIZED STEEL CONDUIT EXTENDING AT LEAST 24" BEYOND EDGES OF PAVING OR CONSTRUCTION. E. CONTRACTOR SHALL RUN TWO SPARE WIRES IN EACH DIRECTION FROM CONTROLLER TO FARTHEST VALVE TO SERVE AS BACKUP WIRES.	AND
	9. BACKFILL AND COMPACTING: A. AFTER SYSTEM IS OPERATING AND REQUIRED TESTS AND INSPECTIONS HAVE BEEN MADE, BACKFILL EXCAVATIONS AND TRENCHES WITH CLEAN SOIL, FREE OF RUBBISH. INITIAL BACKFILL MATERIAL TO 6 INCHES ABOVE THE TOP OF PIPE SHALL BE FREE OF ROCKS OR STONES LARGER THAN ONE INCH IN DIAMETER FINAL DESCRIPTION OF DESCRIPTION OF DESCRIPTION OF DESCRIPTION OF DESCRIPTION.	
	BACKFILL MATERIAL SHALL BE FREE OF ROCKS OR STONES LARGER THAN 3 INCHES IN DIAMETER. B. BACKFILL FOR ALL TRENCHES, REGARDLESS OF THE TYPE OF PIPE COVERED, SHALL BE COMPACTED TO MINIMUM 90% DENSITY.	
	<ul> <li>C. COMPACT TRENCHES IN AREAS TO BE PLANTED BY THOROUGHLY FLOODING THE BACKFILL. JETTING PROCESS MAY BE USED IN THOSE AREAS.</li> <li>D. DRESS OFF ALL AREAS TO FINISH GRADES.</li> <li>10. PROTECTIVE RADIUS OF EXISTING TREES:</li> </ul>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	<ul> <li>A. AN AUGER IS TO BE USED TO TUNNEL UNDER EXISTING TREES IF IRRIGATION IS INSTALLED WITHIN THE PROTECTIVE RADIUS OF EXISTING TREES AND ONLY IF THERE IS NO OTHER OPTION OR TO DO SO CREATES AN UNREASONABLE HARDSHIP.</li> <li>F. CLEAN-UP:</li> </ul>	TES
	1. REMOVE FROM THE SITE ALL DEBRIS RESULTING FROM WORK OF THIS SECTION.	CS
		S PE
		SF SF
Flow Sensor		SHEET NUMBER
Scale: N.T.S.		

LI 2.02

### FIXTURE "RH10" SLD6128xxWH SLD6129xxWH page 2 LED DRIVER COMPLIANCE Airtight certified per ASTM E283 • Driver is a 120V input, high efficiency, dimmable electronic cULus Listed ceiling and wall cULus Damp Location listed (not exceeding 2.0 CFM under § Pascals pressure difference) power supply providing DC ceiling and wall 90 CRI: Can be used to compl power to the LED arrays cULus Wet Location Listed, ceiling with California Title 24 High Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal Suitable for use in closets, compliant with NFA® 70, NEA® 70, N (C)(5) Code high efficiency luminaire failure Driver is replaceable if it should be required SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation DIMMING DIMMING Spray foam insulation STAR® Certified Product List capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase May be installed in IC recessed STAR® Certified Product List SLD 1200 Series capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% SLD6128xxWH 80CRI and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for use. (Note some dimmers require a neutral in the wallbox.) Intervention of the source of 2700K, 3000K, 3500K, and 4000K SLD6129xxWH 90CRI 2700K, 3000K, 3500K, use in residential and commercial and 4000K installations 6″ Surface LED Downlight DIMENSIONS gh Lumen 1200 Series Suitable fo ceiling or wall ectrical junction boxes Suitable for 5″ & 6″ recessed housing retrofit (IC, Non-IC & AIR-TITE™) ORDERING INFORMATION SAMPLE NUMBER: SLD612927WH SLD6TRMSN Junction Box Installation: Order junction box separately, as supplied by others, to complete installation Recessed installation: Order Housing separately to complete installation. 27=2700K 30=3000K 35=3500K 40=4000K SLD612= 6" Surface LED Downlight, 120V 8=80 CRI 1200 Series 9=90 CRI WH=White Designer Trims Fit over the SLD for a designer finish California non-E26 Models SLD612927WH-CA SLD612930WH-CA SLD612935WH-CA SLD612936WH-CA SLD6TRMSN=6" SLD Satin Nickel SLD6TRMTBZ=6" SLD Tuscan Bronze SLD6TRMWH=6" SLD White (paintable) \*SLD accessory trims attach with permanent adhesion and are not interchangable after installation J-Box Spacer Extension Ring Add 15/16" depth when SLD driver cannot fit into installed junction SLD6EXT=6" Surface LED J-Box Extender, 9.5" O.D. RAD Adapters When junction box is mounted flat on a ceiling or beam surface (not recessed in ceiling) SLD6RAD=6" SLD Round Surface J-Box Adapter, 7.92" O.D. (for 4-inch round or octagon junction boxes.) SLD65ADPLT=6" SLD Square Surface J-Box Adapter Plate (For 4-inch square junction boxes, use with SLD6RAD.) Spare Parts SLD6ACCKIT=6" Accessory Parts Replacement Kit (Screwbase adapter, torsion springs, friction blades) SLD68RKT=6" Junction Box Bracket & Screws

FIXTURE "RH09"

Refer to SLD Accessories specification sheet for further information.

6DR LED 6" Downlight – Round Illiams 🏈 L10 - L40: 6-5/8" L50 - L80: 7-3/8" TYPE: 1/2″ min 2-1/4″ max ,\_\_\_\_ø6″\_\_\_→ — 16-1/2″———> NEW CONSTRUCTION AND REMODEL ORDERING EXAMPLE: 6DR - TL - L20/835 - OPTIONS - DIM - UNV - 10W - OF - CS - TRIM OPTIONS - N - F1 FEATURES HOUSING \_\_\_\_\_\_ TRIM \_\_\_\_\_ TRIM \_\_\_\_\_ TrimLock® Innovative TrimLock reflector retention system ensures trim remains flush with ceiling plane
 Available on QuickShip HOUSING SERIES LUMENS<sup>[1]</sup> CRI CCT OPTIONS CONTROL<sup>[2]</sup> VOLTAGE DIM Dimming driver, 0-10V 347 347V <sup>[6]</sup> SPECIFICATIONS HOUSING – Die-cast aluminum trim housing with forged aluminum heat sink. Galvanized steel splice compartment with driver mounting plate/enclosure. Swing-out mounting arms field adjust for ceiling thickness from 1/2" – 2-144". out mounting arms field adjust for ceiling thickness from 1/2" – 2-14f.
 TRIMLOCK – Innovative TimLock reflector retention system ensures the trim remains flush with the ceiling plane.
 OPEN REFLECTOR – Low-iridescent anod2ed aluminum. Clear semi-specular finish standard.
 LENSED TRIM – Die-cast aluminum frame with micro-prismatic, acrylic lens.
 ELECTRICAL – High-performance Class 2
 C.O.B. LED array. Modular quick-connection of LED light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. LED light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. StD L 2006 for remete assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage plications (1s) assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp locations. Certage for the cast light assembly conforms to UL STD 1598; Certified to CAWCSA TD C22. No. 250.00 for damp location TRIM OPTIONS REFLECTOR FINISH
 RIM OP TIONS
 Open trim types
 CS Clear semi-specular anodize
 SG Satin-glow anodize
 CG Champagne gold anodize
 PW Pewter anodize
 SPC Clear specular anodize
 RG Rose gold anodize
 Black texture powder coat
 Lens trim types
 CS Clear specular powder coat
 Lens trim types
 Anti-microbial [26] Lens trim types AM CS Clear semi-specular powder coat 
 WH
 White texture powder coat

 BL
 Black texture powder coat

 MB
 Black texture splay with white flange <sup>[27]</sup>
 F1 Integral 2-position fixed pan bracket, universal bar hanger included [32] BA1 Adjustable butterfly pan bracket, bar hanger not included CA1 Adjustable caterpillar pan bracket, universal bar hanger included [34] installation. Suitable for wet location under covered ceiling when specified with WET/CC or TD options. ENERGY STAR® certified in select configurations, see www.energystar.gov IC carefic end restore with incruding NOTES <sup>11</sup> May be required for 347V, see product 22 Not available with O trim type. W and WW <sup>1</sup> Lumen output based on 0 trim type, W distribution and CS finish, 3500K/80CRI May be required for 347V, see product builder at hew.com/product-builder.
 Tim ships separately.
 Beam angle based on CS or WH reflector finish. See page 2 for FIXTURE PERFORMANCE DATA.
 Available with WD Distribution only.
 W Distribution. OF Flange Type and WH Reflector Finish only. Standard with AD diffuse acrylic lens. IP and WETICC options standard. distributions only. <sup>23</sup> Not available with 0 trim type. W and WW distributions only. <sup>24</sup> 0 Trim Type only. WET/CC standard unless ordered with EM/RTS. L50 lumen package Actual lumens may vary +/-5%.See page 2 for FIXTURE PERFORMANCE DATA. IC-rated for direct contact with insulation when specified with I Mounting Type. See page 3 for ADDITIONAL CONTROL OPTIONS. When specified with Mouthing Type.
 City of Chicago Environmental Air approved when specified with CP option.
 Comples with ASTM-E283 when specified with ATH option.
 RoHS compliant.
 Title 24 (JA8) compliant in select configurations, see www.ccacetrappliances.energy.ca.gov. ot available with EM/10W emergency tteries. max. 26 L50 lumen package max with O Trim Type. Not available with PD trim option. 26 WH and BL Reflector Finishes only. Not available with S Trim Type. 27 R Trim Type only. Not available with MWT. 28 Mounting hardware required (N and I only), ordered separately, see MOUNTING HARDWARE ordering info. See page 4 for MOUNTING TYPE DETAILS. 29 Additional mounting hardware ontions batteries. Extended lead times may apply. Consult factory for availability. 11/12<sup>27</sup> apertures. specify degrees of slope in 5<sup>°</sup> increments, 05<sup>°</sup>-30<sup>°</sup>. Not available with 1 Mounting Type. ATH or WET/CC options. Painted white. Other colors available, consult factory. See page 3 for SLOPED CELIUNG ADAPTOR DETALS. Not available with EM batteries or DMX controls. WET/CC options standard. 16 Not available with lumen stops L50 and higher when specified with flush or regressed trim types. 17 Not available with lumen stops L50 and higher when specified with flush or regressed trim types only. 19 For use with mud-in plaster construction only, supplied with mud flange installation kit. See page 4 for FLANGE TYPE DETAILS. Not available with ATH or IP \_\_\_\_\_\_options. nergy.ca.gov WARRANTY – 5-year limited warranty, see hew.com/warranty. Energy STAR Additional mounting hardware options available. See page 5 or MOUNTING HARDWARE DETALS.
 L30 lumen package max.
 L31 kaso used in new construction sheetrock ceilings.
 N and I Mounting Types only. I Mounting requires everyal hyperkets. bios N and R Mounting Types only.
 Not available with ATH or IP options.
 N and R Mounting Types only.
 Not available with ATH or IP options.
 Not available with WET/CC, ATH or IP options. Available with BIOS® consult factory Not available with WEINCO, MIN options. N and R Mounting Types only. See page 5 for EM/10W/RTS DETAILS. 10 I Mounting Type required. Not available with WH Reflector Finish, L or S requires external brack
 <sup>33</sup> N Mounting Type only.
 <sup>34</sup> N Mounting Type only. vpes only.

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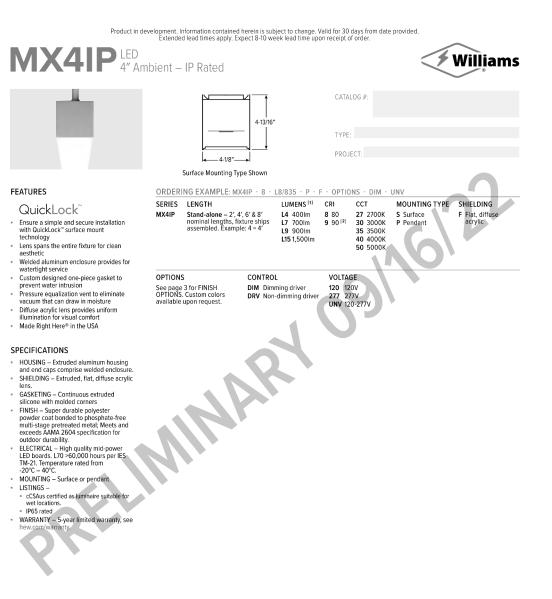
H.E. Williams, Inc. = Carthage, Missouri = www.hew.com = 417-358-4065 = Designed and Manufactured in the USA Information contained herein is subject to channe without police

bject to change without notice.

Luminaire RZR-G -----RZR 🗌 RZR-MAF \_\_\_\_\_ RZRM

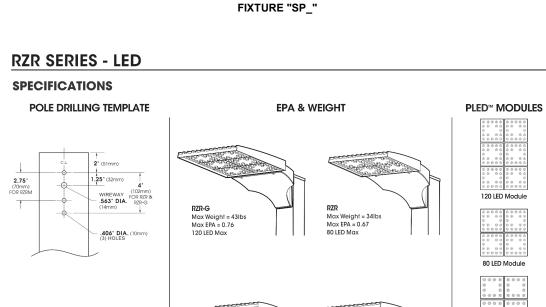
Downlights Page 1 of 5







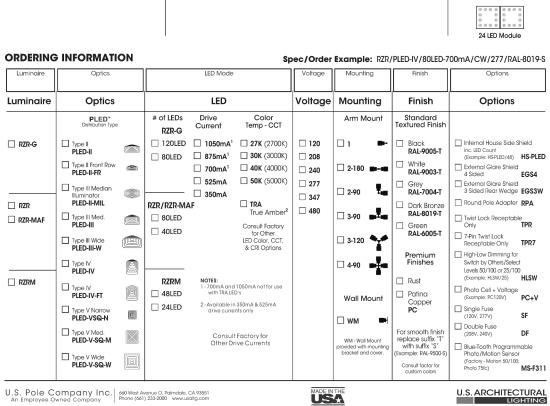




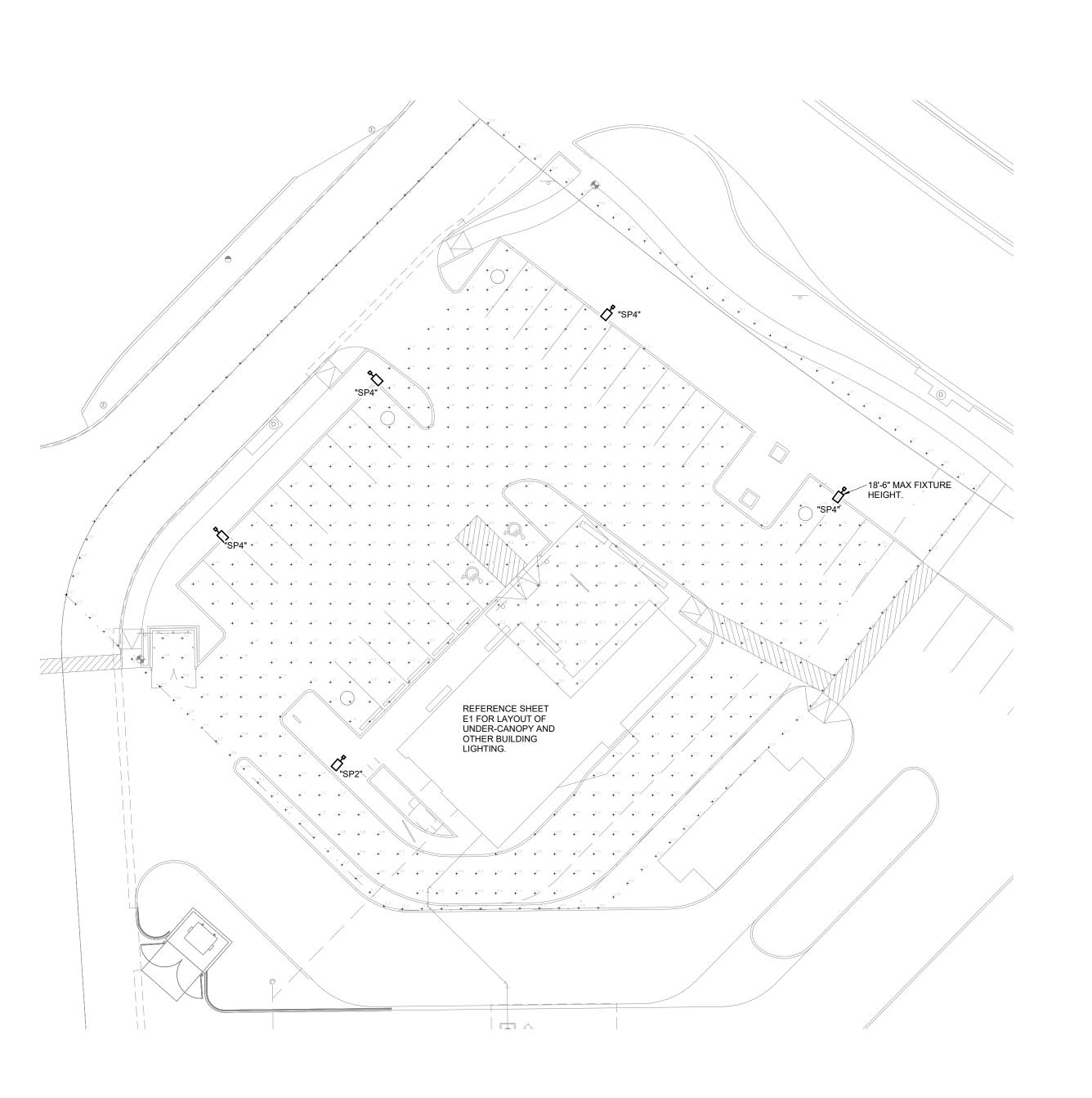
**RZRM** Max Weight = 26lbs Max EPA = 0.45 48 LED Max

48 LED Module

40 LED Module



**RZR-MAF** Max Weight = 36lbs Max EPA = 0.56 80 LED Max





Hufft

PROJECT INFORMATION: Andy's Frozen Custard -Lantana

3800 FM 407, Bartonville, TX 76226 OWNER: ANDY'S FROZEN CUSTARD

211 E. Water Street Springfield, MO 65806

ARCHITECT: HUFFT

eatandy's.com

3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200 www.hufft.com

STRUCTURAL: METTEMEYER ENGINEERING, LLC 2101 W. Chesterfield Blvd., Suite B105 Springfield, MO 65807 P: 417-890-8002

CIVIL: KIMLEY-HORN 801 Cherry Street, Suite 1300 Forth Worth, TX 76102 P: 817-335-6511

MEP:

RTM ENGINEERING CONSULTANTS 3333 F Battelfield Boad Suite 1000 Springfield, MO 65804 P: 417-881-0020

MO COA: 2014035826 LANDSCAPE ARCHITECT: KIMLEY-HORN 801 Cherry Street, Suite 1300 Fort Worth, TX 76102 P: 817-335-6511

ISSUE: 100% CDs

11-17-2023

**REVISION SCHEDULE:** NO. DATE

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Engineer: Cameron K. Collins License Number: E-24493 Drawn By: Author Project Number: 697 SITE PHOTOMETRIC PLAN



x-survey :38 PM XREI 2023 TW REF x-24) ANSERT UMLEY-₿Å₿ ME IMAGES XREFS PLOTTEI DWG NA



	NORTH		DATE
	GRAPHIC SCALE IN FEET 0 20 40 80		
1	EGEND		REVISIONS
	PROPERTY LINE LEASE LIMITS FULL DEPTH SAWCUT		
 527	BUILDING & PAVING SETBACK EXISTING CONTOUR PROPOSED CONTOUR		, Z
 ⑧ ✿	PROPOSED ROOF CANOPY PARKING STALL COUNT WATER METER	L L	80
		H	SUITE 1300 76102 317-335-5070
		<im>K</im>	801 CHERRY ST, UNIT 11, SUITE 1300 FORT WORTH, TEXAS 76102 PHONE: 817-335-6511 FAX: 817-335-5070 TEXAS REGISTERED ENGINEFEING FIRM F-9
		le	801 CHERRY FORT W( HONE: 817-33
		(in	PI TFXA
		FOR REVIEW OF FOR REVIEW OF Not for construction or p <b>Kimley</b> Engineer_ <u>JENNIFER G. G</u> P.E. No. 124908_Date	Horn
		SHO SHO	DESIGNED BY: EGB DRAWN BY: EGB CHECKED BY: JGG
		ANA	
		ANDY'S LANTANA	
		Y'S L	
		AND	
NOTES:	BENCH MARK LIST		
The bearing system System of 1983, No factor of 1.00015063 BM#150 - AN "+"	n for this survey is based on the Texas Coordinate rth Central Zone 4202 with an applied combined scale 8, based on observations made on September 21, 2023. CUT WITH BOX SET IN CONCRTE DRIVEWAY AT ION OF JETER ROAD AN THE ENTRANCE TO	HIBIT	

1.00015063, based on observations made on September 21, 2023. BM#150 - AN "+" CUT WITH BOX SET IN CONCRTE DRIVEWAY AT THE INTERSECTION OF JETER ROAD AN THE ENTRANCE TO COMMUNITY MED URGENT CARE, 102'± SOUTHEAST OF THE SOUTHEAST CORNER OF THE COMMUNITY MED URGENT CARE BUILDING, AND 32' SOUTHWEST OF A SANITARY SEWER MANHOLE. ELEV: 667.69

BM#151 - AN "+" CUT WITH BOX SET IN CONCRETE SIDEWALK ON THE EAST SIDE OF THE ACCESS ROAD THROUGH COMMUNITY MED URGENT CARE, 71'± EAST OF THE NORTHEAST CORNER OF THE COMMUNITY MED URGENT CARE BUILDING, AND 175'± SOUTHWEST OF THE INTERSECTION OF FM 407 AND THE NORTHEAST ENTRANCE TO COMMUNITY MED URGENT CARE.

ELEV: 665.66

BM#152 - AN "+" CUT WITH BOX SET IN CONCRETE AT THE CORNER OF INTERSECTING SIDEWALKS, 20'± SOUTHEAST OF THE INTERSECTION OF FM 407 AND THE NORTHEAST ENTRANCE TO COMMUNITY MED URGENT CARE, AND 83'± NORTHWEST OF A BRICK URGENT CARE SIGN.

ELEV: 664.69

X

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RIA

Ш 

SHEET NUMBER

EΧ









# Hufft

PROJECT INFORMATION: Andy's Frozen Custard Lantana 3800 FM 407, Bartonville, TX 76226 OWNER: ANDY'S FROZEN CUSTARD 211 E. Water Street Springfield, MO 65806

www.eatandys.com ARCHITECT: HUFFT 3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200

www.hufft.com STRUCTURAL: METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

CIVIL: KIMLEY-HORN 13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

MEP: RTM ENGINEERING CONSULTANTS 3333 E. Battelfield Road, Suite 1000 Springfield, MO 65804 P: 417-881-0020

LANDSCAPE ARCHITECT: KIMLEY-HORN 13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

ISSUE: CONSTRUCTION DOCUMENTS 11/6/2023

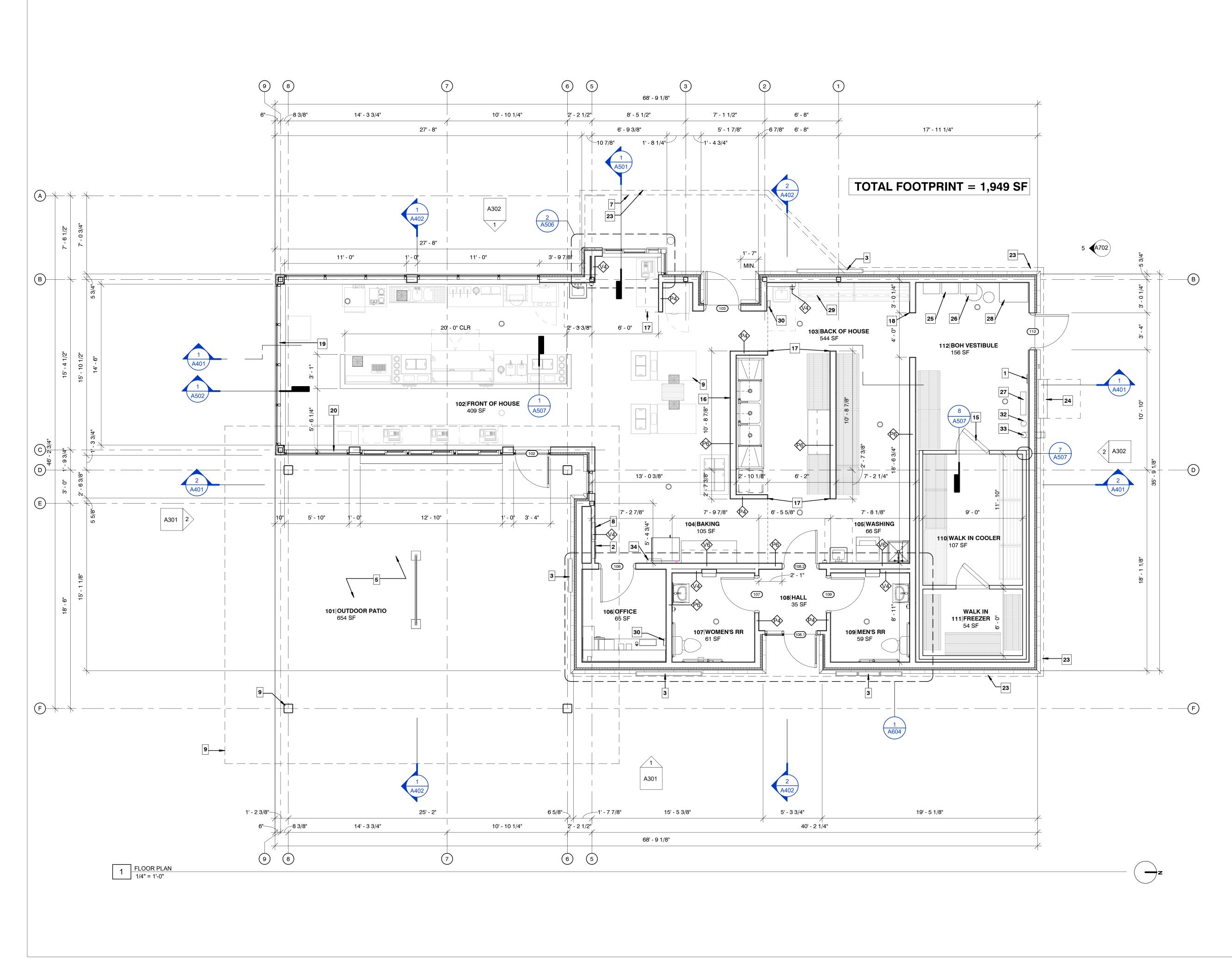
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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 RENDERINGS







### PROJECT INFORMATION: Andy's Frozen Custard

### Lantana

3800 FM 407,

Bartonville, TX 76226 <u>owner:</u>

ANDY'S FROZEN CUSTARD

Springfield, MO 65806 www.eatandys.com

ARCHITECT:

HUFFT 3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200

www.hufft.com STRUCTURAL:

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13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

LANDSCAPE ARCHITECT: KIMLEY-HORN 13455 Noel Road - Suite 700

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 FLOOR PLAN





- 1 FIRE EXTINGUISHER CABINET, RE: A507
- PANELBOARD(S), RE: ELECT DWGS BUILDING SIGNAGE, RE: ELECT DWGS
- OUTDOOR PATIO, CONCRETE SLAB W/ SEALER
- PATIO CANOPY AND STRUCTURE. RE: STRUCT DWGS. STEEL COLUMNS, PTD
- 7 DRIVE-THRU CANOPY, RE: STRUCT DWGS8 CUSTARD MACHINE SHUT-OFF SWITCH, RE: MEP
- DWGS
- 9 CUSTARD MACHINE TO STRADDLE FLOOR SINKS15 WALK-IN COOLER/FREEZER, COORDINATE WITH
- SUPPLIER
- 16 PROVIDE HOT AND COLD WATER HOSE BIB ON WALL BEHIND AND ADJACENT TO CUSTARD MACHINES, RE: MEP DWGS
- 17 INSTALL STAINLESS STEEL CORNER GUARDS THROUGHOUT, TYP. ALL EXPOSED CORNERS RE: A507
- 18 CASED OPENING FOR BOH ACCES
- 19 ANDYS FROZEN CUSTARD NEON CONE SIGN -LOCATED INSIDE STORE IN FRONT OF STOREFRONT GLAZING, SUSPENDED. CONSEAL POWER SUPPLY ALONG INSIDE FACE OF MULLION.
- ANDYS FROZEN CUSTARD "SPRECHER ROOT BEER" NEON SIGN - LOCATED INSIDE STORE IN FRONT OF STOREFRONT GLAZING, SUSPENDED. CONSEAL POWER SUPPLY ALONG INSIDE FACE OF MULLION.
   SIGNAGE LIGHTING BAND, BY PINNACLE SIGN GROUP.
- RE: ELEC DWGS & SIGNAGE DWGS
- 24 MPD, RE: ELECT DWGS
- 25 TANKLESS WATER HEATERS, RE: MEP DWGS
  26 WATER SOFTENER, RE: MEP DWGS, KEEP CLOSE TO WALL
- 27 BACK FLOW PREVENTOR, RE: MEP DWGS
- 28 PRESSURE WASHER, RE: MEP DWGS
- 29 WALL SHELVES ABOVE DUNNAGE RACKS
- 30 IPAD HOLDER
- ROOF DRAIN DOWN TO BELOW GRADE, RE: PLUMB DWGS, KEEP PIPE CLOSE TO WALL
  OVERFLOW ROOF DRAIN, STUBOUT AT 12" AFF W/ DRAIN NOZZLE, RE: PLUMB DWGS, KEEP PIPE CLOSE
- TO WALL
- 34 SECURITY PANEL, RE: ELECT

### NOTE:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING STRUCTURE, MECHANICAL, ELECTRICAL, PLUMBING, ETC. AND NOTIFY ARCHITECT OF ANY DISCREPENCIES.

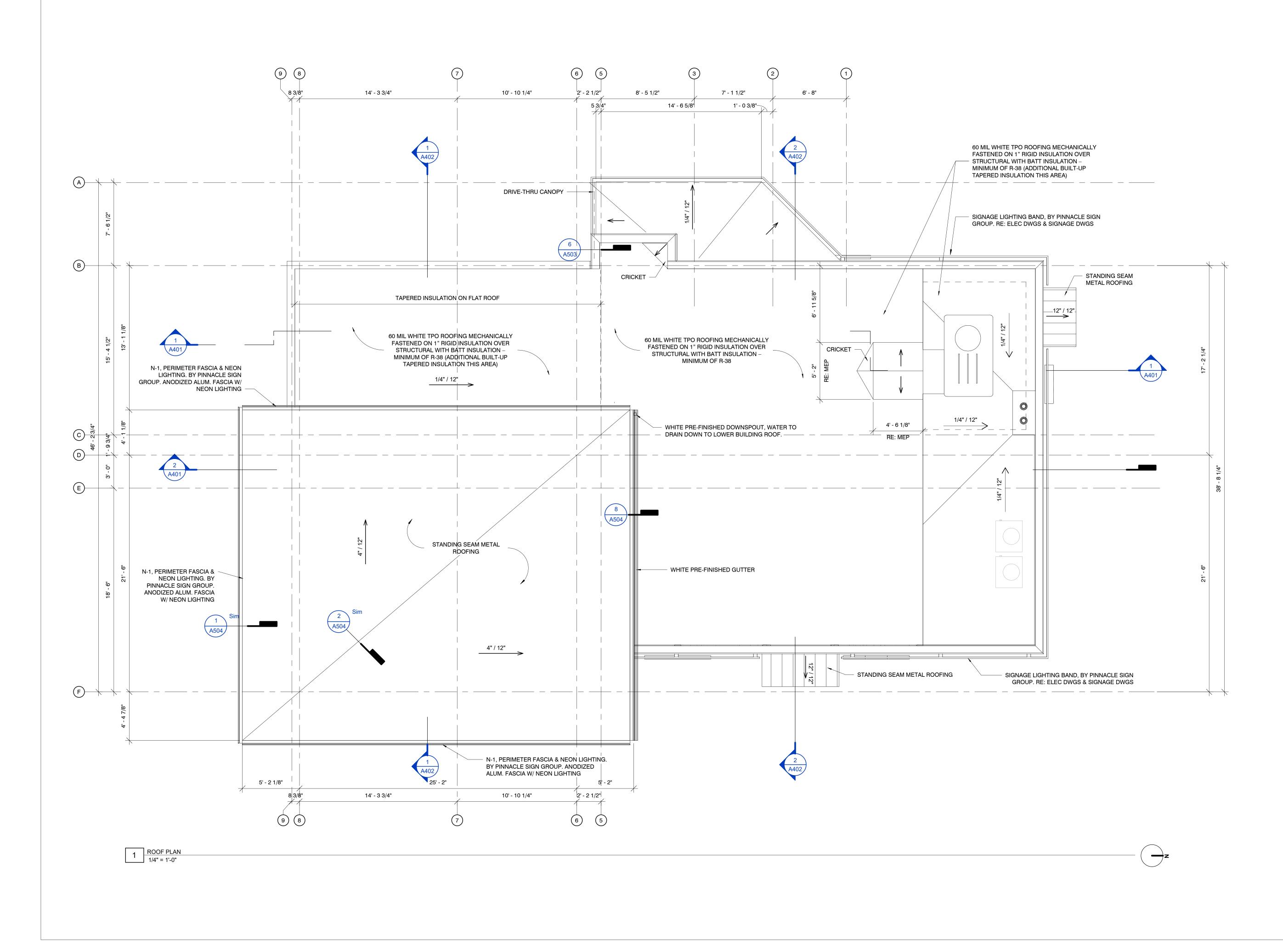
2. DIMENSIONS ARE FROM GRIDLINES TO FINISH FACE OF NEW PARTITIONS, U.O.N.

3. REFER TO A701 FOR ADDITIONAL NOTES PERTAINING TO **11/6/2023** WALL TYPE CONSTRUCTION AND DETAILING.

4. REFER TO EQUIPMENT PLAN FOR ALL EQUIPMENT.

5. REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION.

6. REFERENCE CIVIL SITE PLAN FOR BUILDING LOCATION AND ORIENTATION ON SITE.



# Hufft

PROJECT INFORMATION: Andy's Frozen Custard Lantana 3800 FM 407, Bartonville, TX 76226

OWNER: ANDY'S FROZEN CUSTARD 211 E. Water Street Springfield, MO 65806

www.eatandys.com

HUFFT 3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200

www.hufft.com <u>STRUCTURAL:</u> METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

CIVIL: KIMLEY-HORN 13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

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LANDSCAPE ARCHITECT: KIMLEY-HORN

13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 ROOF PLAN







2 NORTHEAST ELEVATION 1/4" = 1'-0"



### EXTERIOR FINISH SCHEDULE

<u>#</u>	DESCRIPTION
AS-1	<b>PATIO &amp; DRIVE-THRU CANOPY MATERIAL:</b> 6" V-GROOVE EXTRUDED ALUM SOFFIT PANELS COLOR: BONE WHITE
C-1	COPING/ROOF EDGE TYPE 1: PRE-FINISHED ALUMINUM CAP AND SILL FLASHING AT MASONRY VENEER AND, TYP. COLOR: MATCH MASONRY COLOR
C-2	COPING/ROOF EDGE TYPE 2: ANNODIZED ALUMINUM CAP AND SILL FLASHING AT STOREFRONT, TYP. COLOR: MATCH STOREFRONT FRAMING
CS-1	CAST STONE TRIM: CONTINENTAL CAST STONE COLOR: #4025
GL-1	GLAZING TYPE 1: STOREFRONT MNFR: KAWNEER 451T COLOR: DARK BRONZE
M-1	MASONRY TYPE 1: CULTURED STONE COBBLEFIELD COLOR: TEXAS CREAM GROUT: TO MATCH STONE
N-1	PERIMETER FASCIA & SHIELDED LED LIGHTING: BY PINNACLE SIGN GROUP ANODIZED ALUM. FASCIA W/ LED LIGHTING
R-1	STANDING SEAM ROOFING: METAL SALES, MINI BATTEN 1" PANEL SIZE: 12" 24 GAUGE
S-1	STUCCO: STO ELASTOMERIC FINISH, TEXTURE: MEDIUM COLOR: MORTAR #31435

# Hufft

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 ELEVATIONS









Lantana

OWNER:

3800 FM 407,

211 E. Water Street

www.eatandys.com

ARCHITECT:

HUFFT

Springfield, MO 65806

3612 Karnes Boulevard

Kansas City, MO 64111 P: 816-531-0200

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STRUCTURAL:

CIVIL:

MEP:

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LANDSCAPE ARCHITECT:

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KIMLEY-HORN

PROJECT INFORMATION:

Bartonville, TX 76226

Andy's Frozen Custard

ANDY'S FROZEN CUSTARD

METTEMEYER ENGINEERING, LLC

RTM ENGINEERING CONSULTANTS

2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

C-1
D. UPPER ROOF 16' - 6"

# M-1 -<u>DATUM</u> 10' - 0" - R-1 \_\_\_\_\_GL-1

MASONRY\_KNEE WALL 3' - 0"

<u>LEVEL 1 -FF</u> <u>0' - 0"</u>

— N-1

- C-1

- S-1

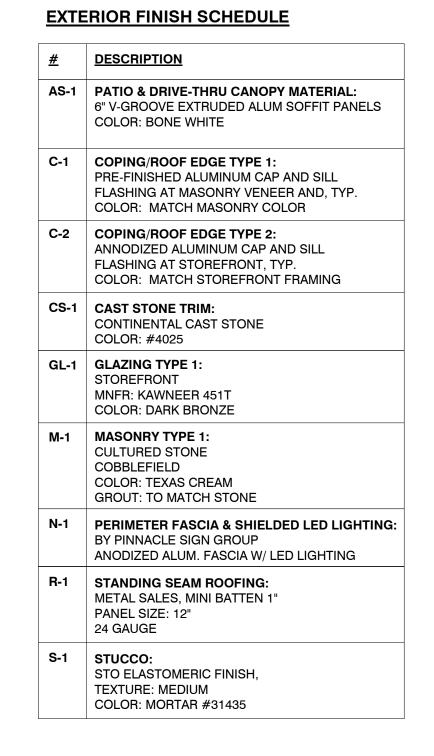
GL-1

CS-1 

— M-1

\_<u>DATUM</u>\_\_\_\_\_\_

<u>LEVEL 1 -FF</u> 0' - 0"



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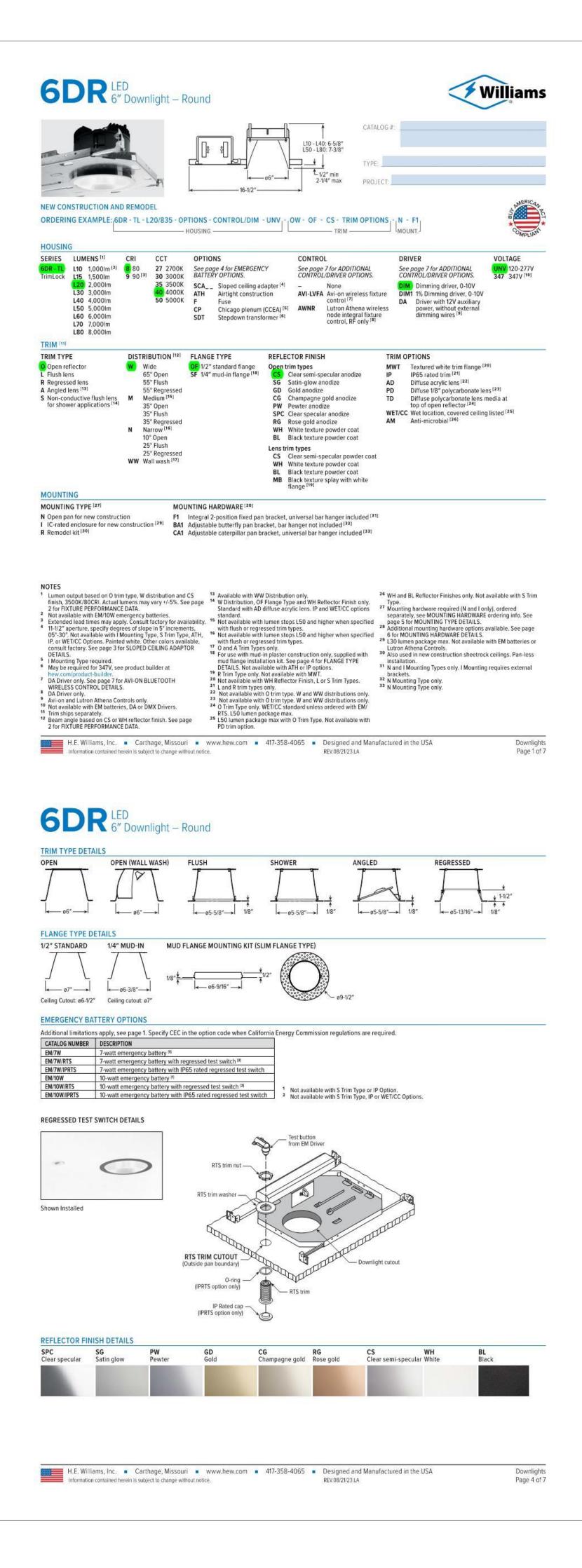
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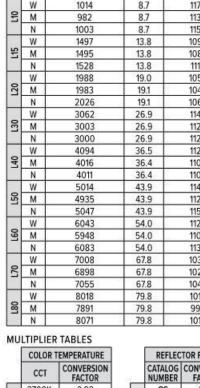




### FEATURES

- TrimLock Innovative TrimLock reflector retention system ensures trim
- remains flush with ceiling plane Wide range of lumen options for general illumination
- Beam angles ranging from 10[]narrow to 65[]wide for tailored performance
- Industry-leading efficacies as high as 116 lm/W New construction mounting pan, IC-rated, or pan-less remodel kit available
- Fully room-side accessible Available on QuickShip
- Wireless in-fixture control solutions available
  - bios ILLUMINATED





31	M	/891	/9	8	99		
	N	8071	79	.8	101		
U		TABLES					
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=	3000K	0.98		SG <sup>1</sup>	0.92		
2000	3500K	1.00		GD	0.93		
ō	4000K	1.01	z	CG	0.96		
	5000K	1.02	O TRIM	PW	0.86		
	270.01/	0.76	0	SPC	1.02		
	2700K	0.76		RG	0.88		
Ę	3000K	0.79		WH <sup>1</sup>	0.89		
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	5000K	0.88	×	WH	1.00		
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			~	BL	0.79		

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REV.08/21/23.LA

TRIM

CATALOG CONVERSION NUMBER FACTOR

H.E. Williams, Inc. 
Carthage, Missouri
www.hew.com
HIT-358-4065
Designed and Manufactured in the USA

HOUSING – Die-cast aluminum trim housing with forged
 LISTINGS –

aluminum heat sink. Galvanized steel splice compartment

with driver mounting plate/enclosure. Swing-out mounting

arms field adjust for ceiling thickness from 1/2" - 2-1/4".

system ensures the trim remains flush with the ceiling

TRIMLOCK – Innovative TrimLock reflector retention

ACY (Im/W)	- 10 - 10	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (Im/
89	1.00	W	716	8.7	82
105	L10	М	883	8.7	102
105		N	897	8.7	103
85		W	1090	13.8	79
100	115	М	1344	13.8	97
100	12200	N	1366	13.8	99
80		W	1445	19.5	74
96	120	М	1782	19.1	93
94	_	N	1812	19.5	93
87		W	2160	26.9	80
103	L30	М	2699	26.9	100
101		N	2683	26.9	100
86		W	2889	36.5	79
102	L40	М	3609	36.4	99
100	13.5	Ν	3587	36.4	99
87		W	3537	43.9	81
-	L50	М	-	-	-
-		N			273
85		W	4264	54.0	79
	L60	M	<u>2</u>	123	
2 J		N	<u> </u>	-	-
79		W	4945	67.8	73
4	L70	М	-	-	-
-	1000	N	-	-	
77		W	5657	79.8	71
-	L80	М	-		
-		N	-		

cCSAus conforms to UL STD 1598; Certified to CAN/CSA STD C22.2 No. 250.0 for dry and damp locations. LED light assembly conforms to UL 2108 for remote installation.

IC-rated for direct contact with insulation when specified with

City of Chicago Environmental Air approved when specified

Complies with ASTM-E283 when specified with ATH option.

Title 24 (JA8) compliant in select configurations, see

Complies with the Buy American Act and other federal

regulations. Request certification at hew.com/baa.

WARRANTY - 5-year limited warranty, see

Suitable for wet location under covered ceiling when specified with WET/CC or TD options.

ENERGY STAR® certified in select configurations, see

Distribution will also be affected, consult factory. Use multiplier when specified with O Trim Type. Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25[C ambient

Wattage shown is based on 120V input. Results based on 3500K, 80 CRI, actual lumens may vary +/-5%

To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy. Use multiplier tables to calculate additional options.

Downlights Page 2 of 7

# 6DR LED 6" Downlight – Round

nformation contained herein is subject to change without notice.

### MOUNTING TYPE DETAILS NEW CONSTRUCTION IC-RATED REMODEL **Cross Section** \_\_\_\_ B \_\_\_\_ <--- ø6″-----Receiver Bracket - 16-1/2" ---> 3-1/4" -Driver and Junction Box

### APERTURE ADAPTOR ORDERING INFO

SEF	RIES	CATALOG NUMBER	CEILING CUTOUT		FINISH
4AR 4DR 4DS 4PR 4PS	6AR 6DR 6DS 6PR 6PS 8DR	GR	Specify ceiling cutout in 1/8" increments. Example: 5.75" = <b>0575</b> See Kit Components for application limits.	CS WH BL	Clear semi-specula powder coat White texture powder coat Black texture powder coat

# MOUNTING HARDWARE DETAILS or nailer ba

14" minimur 24" maximun F1 with I Mounting Type

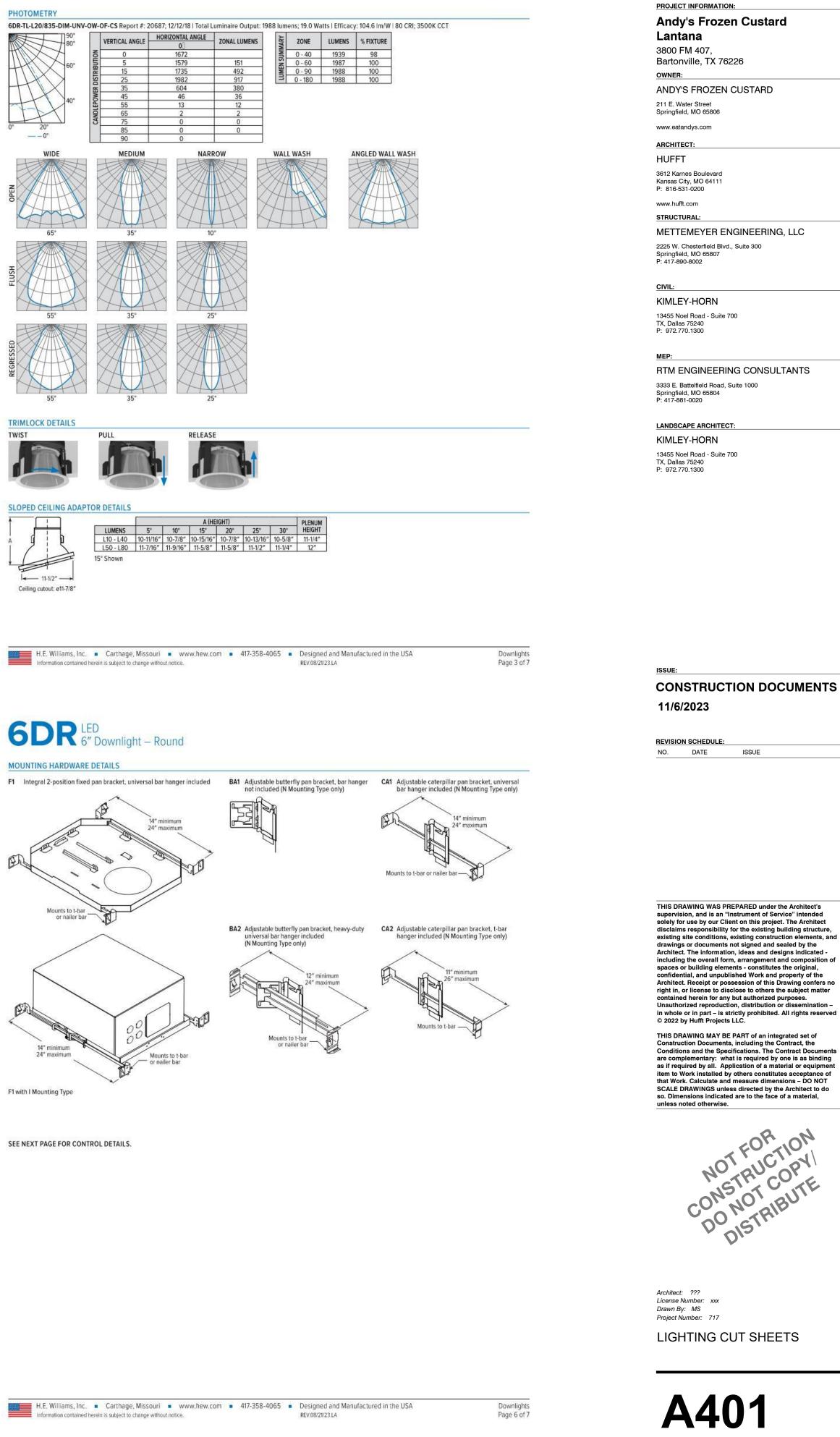
SEE NEXT PAGE FOR CONTROL DETAILS.

H.E. Williams, Inc. 
Carthage, Missouri 
www.hew.com 
417-358-4065 
Designed and Manufactured in the USA Information contained herein is subject to change without notice.

formation contained herein is subject to change without notice.



PHOTOMETRY



Hufft

### HALO

Type

Date

SLD 1200 Series

SLD6128xxWH

2700K, 3000K, 3500K,

SLD6129xxWH

2700K, 3000K, 3500K,

High Lumen 1200 Series

electrical junction boxes

(IC, Non-IC & AIR-TITE™)

5" & 6" recessed

housing retrofit

80CRI

90CRI

and 4000K

and 4000K

Downlight

Suitable for

Suitable for

ceiling or wall

6" Surface LED

### DESCRIPTION The Halo Surface LED Downlight (SLD) incorporates WaveStream™

technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD6 is designed for installation in many 3-1/2" and 4" square, octagon or round junction boxes. And may also retrofit in 5" and 6" IC and Non-IC recessed housings.\* Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC\* Section 410.16 (A)(3) and 410.16 (C)(5).

### SPECIFICATION FEATURES CONSTRUCTION

- Die cast aluminum trim ring, and installation system for junction die formed aluminum frame
- OPTICS WaveStream<sup>™</sup> technology
- provides uniform luminance from a low profile flat lens AccuAim<sup>™</sup> optics provide
- directional control for the "cone-of-light" beam distribution
- of a traditional downlight. Precision molded lens features high transmission polymer with UV stabilized protecting film
- DESIGNER TRIMS Accessories (sold separately)
- SLD designer trims are accessory rings that attach to the SLD for a permanent finish.\* Refer to SLD accessories specification sheet for
- details. White (Paintable)
- Satin Nickel Tuscan Bronze
- \*SLD accessory trims attach with permanent adhesion and are not interchangeable after installation. ELECTRICAL JUNCTION BOX
- MOUNTING SLD may be used in compatible electrical junction boxes in direct
- spray foam insulation Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction
- Note: Driver consumes 3 cubic inches of junction box Installer must ensure
- compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable
- national and local electrical and a five year limited warranty on the building codes.

- Proprietary Slot-N-Lock quick box installation T-bracket with Slot-N-Lock
- mounting tabs included RECESSED HOUSING MOUNTING
- May be installed in IC recessed housings in direct contact with insulation \* Note: Not for use in recessed
- housings in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013 Torsion Spring 5" & 6" Optional precision formed torsion
- spring bracket kit is included The torsion springs adjust on the frame to fit 5" or 6" compatible housings
- Friction Blade 5" & 6" Optional precision formed friction per-unit basis, and validates blades included
- For retrofit in 5" and 6" housings without torsion spring mounting ELECTRICAL CONNECTIONS Friction blade design allows the
   Compatible with 3-1/2" x 2" and SLD to be installed in any position 4" x 1-1/2" deep round, square within the housing aperture (360 and octagon boxes (2-1/8" deep
- degrees) LED
- contact with insulation including contact with insulation including Color Temperature: 2700K, 3000K, LED connector is compatible with Late 57 LEES Series and 67 H750 3500K, 4000K
  - CRI options: 80 and 90 90 CRI can be used for

Residential Lighting Controls

- LED Connector meets California Title-24 high-efficacy luminaire California Title 24 compliance/ standard as a non-screw base certified to Title 20 The included E26 Edison 80 CRI can be used to comply with California Title 24 Non
  - screw-base adapter provides capability for retrofit\* LED connector is a non-

Catalog #

Projec

LED CHROMATICITY

A tight chromaticity specification

ensures LED color uniformity,

sustainable Color Rendering

ColorTemperature (CCT) over

Index (CRI) and Correlated

the useful life of the LED

exceeds ENERGY STAR®

color standards per ANSI.

color performance with R9

Every Halo LED is quality tested,

measured, and serialized in a

lumens, wattage, CRI and CCT.

Halo LED serialized testing and

measurement ensures color

and lumen consistency on a

long-term product consistency

permanent record to register

90 CRI model features high

greater than 50

over time

**Junction Box** 

boxes recommended)

**Recessed Housings** 

Series LED Housings

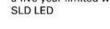
Supply Wire Adapter with LED

Halo 5" H550 Series and 6" H750

quick connector included

LED chromaticity of 3 SDCM

screwbase luminaire disconnec for tool-less installation Cooper Lighting Solutions provides



WARRANTY

as a LED luminaire.



\*Non-California Product Only

COMPATIBLE WITH COOPER LIGHTING SOLUTIONS' CROUSE-HINDS JUNCTION BOXES

 TP316 - for non-metallic cable TP317 - for metal clad cable UL Listed

· Refer to www.crouse-hinds.com

TP316 for non-metallic cable 4" x 4" x 2-1/8" (102mm x 102mm x 54mm)

**O** COOPER

page 4

**COMPATIBLE WITH MANY OTHER JUNCTION BOXES\*** 



steel box 4" x 4" x 2-1/8"

4" round new work

fan box

non-metallic light fixture/

4" diameter x 2-3/16"

(102mm x 56mm)



for metal clad cable

4" x 4" x 2-1/8" (102mm x 102mm x 54mm)



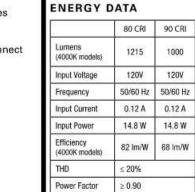
(102mm x 102mm x 54mm)





4" diameter x 1-1/2" (102mm x 38mm) Requires SLD6RAD adapter

3-1/2" round old work non-metallic box 4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8" (108mm O.D., 89mm I.D. x 67mm)



Sound Rating Class A NOMENCLATURE SLD<u>612830WH</u>

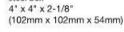
T Ambient -30 - +40°C

612 = 6" SLD 1200 Series 8 = >80 CRI

30 = 3000K WH = Matte White

### TD518010EN 11/13/2018

### SLD6128xxWH SLD6129xxWH





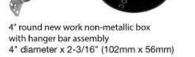


3-1/2" round new work

(89mm x 70mm)

non-metallic ceiling box

3-1/2" diameter x 2-3/4"



\*This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Cooper Lighting Solutions makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the SLD mounting bracket in the box.



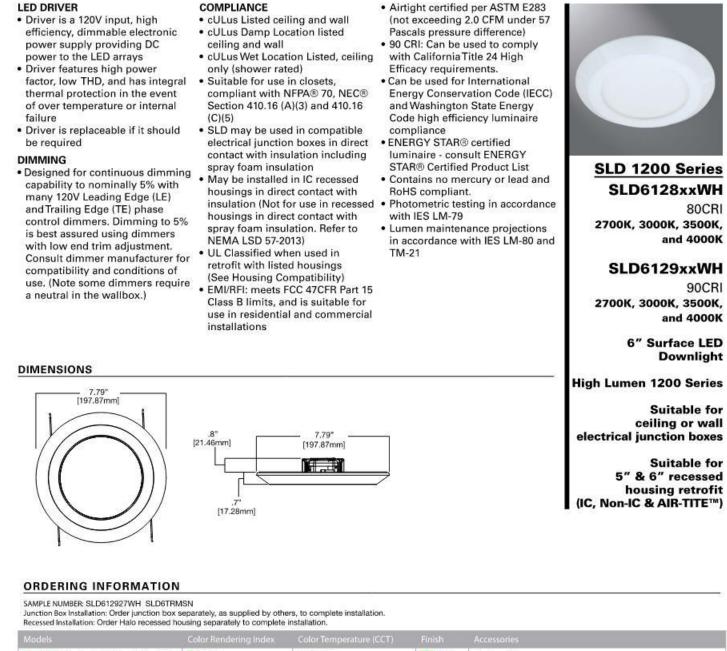


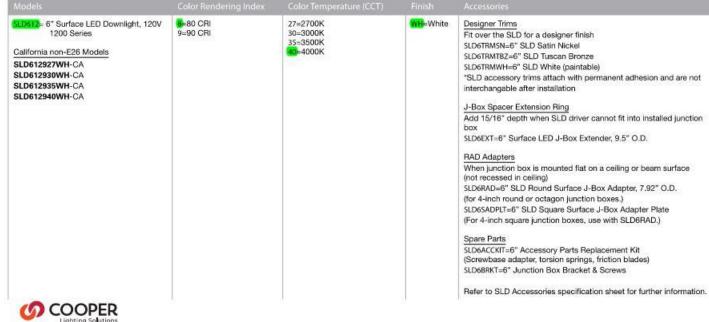
# 4" square deep steel box 4" x 4" x 2-1/8"

# 4" square standard 4" x 4" x 1-1/2"



4" round surface mount box





### page 5

PRODUCT DATA

Cat No.	CRI	CCT	Lumens	Power (W)	LPW
SLD612827WH	80	2700	1100	14.8	74
SLD612830WH	80	3000	1150	14.8	78
SLD612835WH	80	3500	1200	14.8	81
SLD612840WH	80	4000	1215	14.8	82
SLD612927WH	92	2700	880	14.8	59
SLD612930WH	92	3000	925	14.8	63
SLD612935WH	92	3500	965	14.8	65
SLD612940WH	92	4000	1000	14.8	68

Performance values are presented as typical for the model(s) indicated. Field results may vary.

SLD612830WH - 80 CRI

### LIGHTING FACTS®









SLD612835WH - 80 CRI



lighting fact	<b>S</b> "
Light Output (Lumens) Watts Lumens per Watt (Efficacy)	1215 14.8 82.09
Color Accuracy Color Number (196)	81
Wern With Bright Mills	Bright White) Devices
N much an example is EPUA UN TRUCK Agency of the Intersector feeling of Data Data Lating. The E.E. Dasarie product the new and reach. Visit www.lightingfacts.com for the Laber A	en it brog, (DOE) only
Regension Romer, Table 7, APPA (78001);	onerence ouroe.

SLD6128xxWH

SLD6129xxWH



### SLD6128xxWH SLD6129xxWH

Suitable for ceiling or wall

<b>Compatible Hal</b>	o LED Housings
	Recessed Ca Size
	5"
	6"
Halo LED Retro	it Enclosures
HALO	6"
Compatible Hal	o Incandescent
HALO	5"
HALL	

HOUSING COMPATIBILITY

page 3

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COOPER

### SLD6128xxWH SLD6129xxWH

The SLD6 is UL Listed in Halo and All-Pro recessed housings, and is UL Classified for use with any 5 or 6 inch diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 107.9 in<sup>3</sup> in addition to those noted below. Note: Some other's housings require installation with included friction clips.

with	with LED luminaire connector (high-efficacy compliant)						
n	Catalog Number						
	H550ICAT, H550RICAT, E550ICAT, E550RICAT						
	H750ICAT, H750RICAT, H750T, H750RINTD010, H750TCP, H2750ICAT, H2750RICAT, E750ICAT, E750RICAT						
	ML7BXRFK, ML7E26RFK						
E26	Screwbase Housings						
	UPDAT UPDAT UPDATED LET UPT UPT UPDATED FETT PETT VETUE PETTED PETATED						

H5ICAT, H5RICAT, H5ICATNB, H5T, H5RT, H25ICAT, H25ICATNB, E5TAT, E5RTAT, H5TNB, E5TATNB, E5ICAT, E5RICAT, E5ICATNB H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICT, H7UICAT, H27ICAT, H27RICAT, H27T, H27RT, E7ICAT, E7RICAT, E27ICAT, E27RICAT, E7ICATNB, E7TAT, E7RTAT, E7TATNB, E27TAT, E27RTAT



PROJECT INFORMATION: Andy's Frozen Custard

Lantana 3800 FM 407, Bartonville, TX 76226

OWNER: ANDY'S FROZEN CUSTARD

211 E. Water Street Springfield, MO 65806

www.eatandys.com

ARCHITECT: HUFFT

3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200 www.hufft.com

STRUCTURAL: METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

CIVIL: KIMLEY-HORN 13455 Noel Road - Suite 700

TX, Dallas 75240 P: 972.770.1300

MEP: RTM ENGINEERING CONSULTANTS 3333 E. Battelfield Road, Suite 1000 Springfield, MO 65804 P: 417-881-0020

LANDSCAPE ARCHITECT: KIMLEY-HORN

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ISSUE: **CONSTRUCTION DOCUMENTS** 11/6/2023

**REVISION SCHEDULE:** NO. DATE ISSUE

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 LIGHTING CUT SHEETS

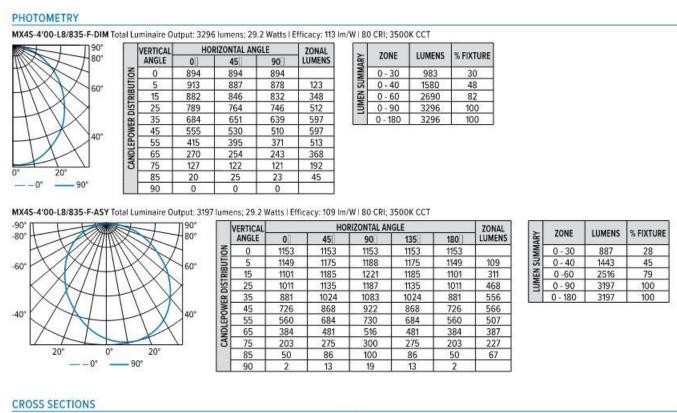


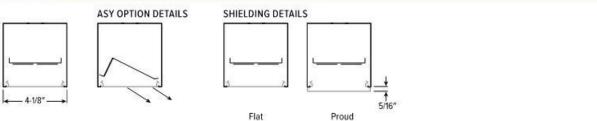




### FIXTURE PERFORMANCE DATA

		PER FOOT		MUI	MULTIPLIER TABLE			Y OPTION
	DELIVERED LUMENS	WATTAGE	EFFICACY (Im/W)	1	COL	OR TEMPERATURE	WATTAGE	EFFICACY (Im/W)
L8	824	7.3	113		CCT	CONVERSION FACTOR	1.03	0.97
L12	1175	10.8	109		2700K	0.97	1.05	0.57
L15	1439	13.5	107		3000K	0.99		
	tometrics tested in accordan	nce with IESNA LM-79. R	Results shown are based on	B0 CRI	3500K	1.00		
	25[]C ambient temperature. Wattage shown is average for 120V through 277V input.				4000K	1.03		
	sults based on F shielding, 35				5000K	1.06		
То	calculate lumen output in em cacv.				2700K	0.82		
	Use multiplier table to calculate additional options.				3000K	0.83		
				0 CRI	3500K	0.84		
				90	4000K	0.86		
					10001	0.00		









SPECIFICATIONS		SENSOR COVERAGE PATTERI	NE	SENSOR DETAIL
TYPE	Dadia Francisca	9' height: ø12' coverage	Motion Sensor Co	
	Radio Frequency			
MOUNTING HEIGHT	8'-12'		CEILING COVER HEIGHT AREA (S	
DETECTION ANGLE	360°		<u>8' 114</u> 9' 144	
TEMPERATURE RANGE	0° to 55°C		9' 14 10' 175	
RELATIVE HUMIDITY	0 to 90%, non-condensing		12′ 25	6
COMMISSIONING	Clear Connect gateway – Type X with app (iOS or Android)			
MANUFACTURER	Lutron			Dimensions: ø1-1/8*
	LUTRON			
THENA CONTROL (	12.2559.000000000000000000000000000000000	]		
CATALOG NUMBER	DESCRIPTION			
AWNR AWNS	Lutron Athena wireless node integral fix Lutron Athena wireless node integral fix			
AWNS-BL	Lutron Athena wireless node integral fix Lutron Athena wireless node integral fix			
AWNS-BL				ALI-2 or driver with 12V auxiliary power, black
DO Lutron Vive inte	egral fixture control, RF with daylight and	d occupancy sensor (DFCSJ-OEM-OCC)	. DSR or LDE Drivers only. LDE	drivers require driver interface
PECIFICATIONS		SENSOR COVERAGE PATTER	NS	SENSOR DETAIL
YPE	PIR Motion + Daylight	9' height: ø12' coverage M	otion Sensor Coverage	
OUNTING HEIGHT	8' - 12'	a	CEILING COVERAGE ARE	A
DETECTION ANGLE	360°		HEIGHT (SQ FT)	
	2022 1-0.020		<u>8' 114</u> 9' 144	0 0
TEMPERATURE RANGE	0° to 55°C		10' 178	
RELATIVE HUMIDITY	0 to 90%, non-condensing		12′ 256	
COMMISSIONING	App (iOS or Android)			
MANUFACTURER	Lutron			Dimensions: 2-11/16" x 1"
IVE CONTROL OPT	IONS	<u>,</u>		
CATALOG NUMBER	DESCRIPTION			
VRF	Lutron Vive integral fixture control, RF o			
VDO	Lutron Vive integral fixture control, RF v			
VRF/DBI	Lutron Vive integral fixture control, RF o Lutron Vive integral fixture control, RF w	rith daylight and occupancy sensor (DFC	SJ-OEM-OCC) and digital link in	terface, for use with Lutron Hi-lume 1% EcoSys
VDO/DBI	dimming LED driver			
CCWS-FS-305-L	6-PP-120/277 Wattstopper PIR motio	n and daylight hold off sensor with pow	/er pack, 120/277V	
SPECIFICATIONS		SENSOR COVERAGE PATTERN	IS	SENSOR DETAIL
YPE	PIR Motion + Daylight Hold Off	8' height: ø20' coverage	W	
OUNTING HEIGHT	8′			
ENS	Indoor, non-wet location use	· · · · · · · · · · · · · · · · · · ·	7	
ETECTION ANGLE	360°			(13252)
EMPERATURE RANGE	-40° to 55°C	0760 0760 0760 76 0760	W 8 6 4 2 0 2 4 6 8 W	
RELATIVE HUMIDITY	5% to 95%, non-condensing			
COMMISSIONING	Dials under lens			

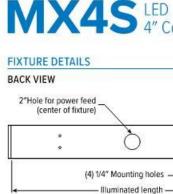


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Continuous Page 5 of 6

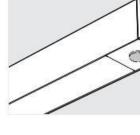
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Page 2 of 6





**SENSOR & NODE PLACEMENT DETAILS** 



SEE NEXT PAGE FOR CONTROL DETAILS

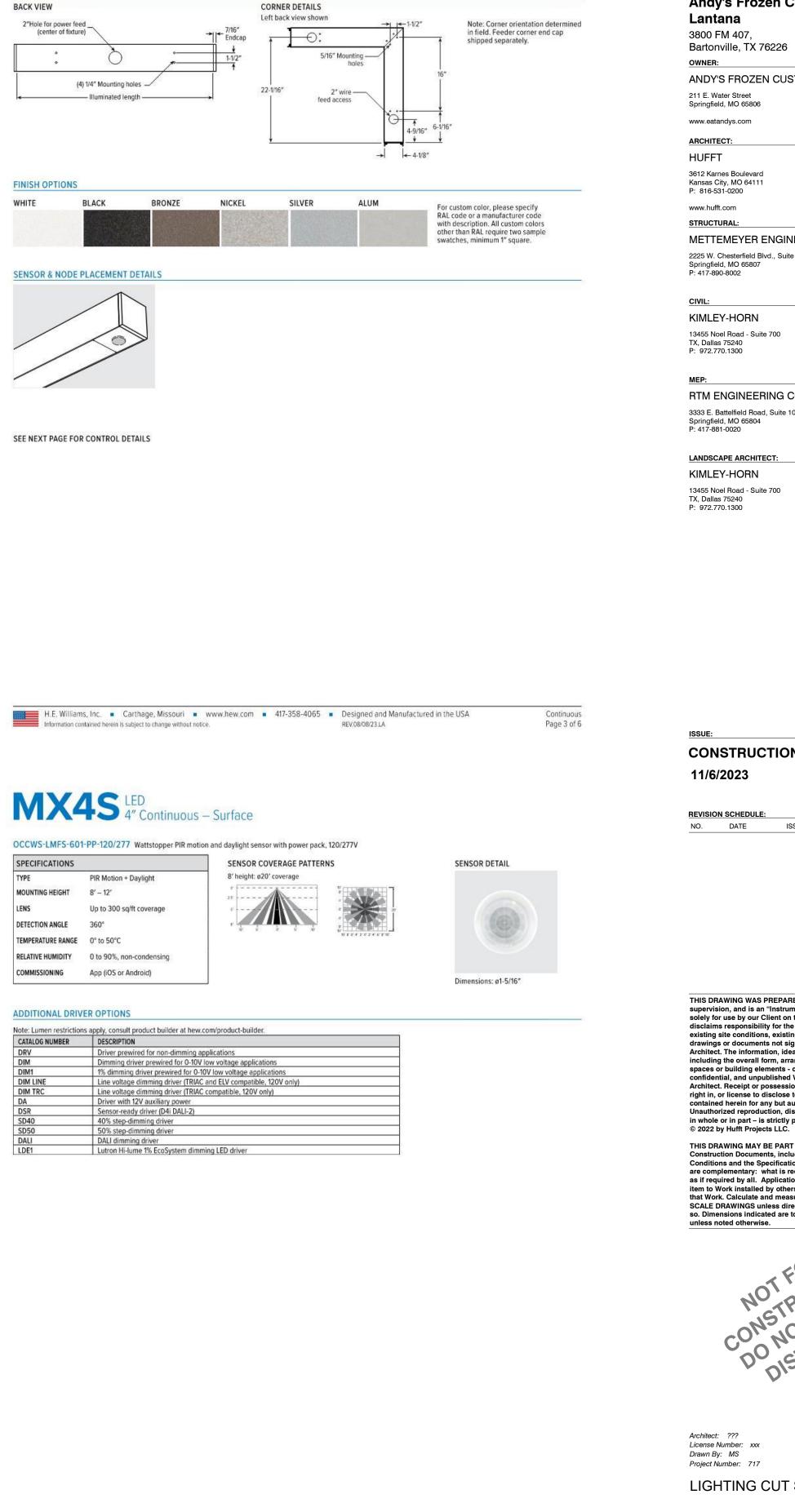


SPECIFICATIONS					
TYPE	PIR Motion				
MOUNTING HEIGHT	8' - 12'				
LENS	Up to 300 s				
DETECTION ANGLE	360°				
TEMPERATURE RANGE	0° to 50°C				
RELATIVE HUMIDITY	0 to 90%, no				
COMMISSIONING	App (iOS or				

lote: Lumen restriction	is apply, consult pr
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewin
DIM	Dimming driv
DIM1	1% dimming o
DIM LINE	Line voltage
DIM TRC	Line voltage
DA	Driver with 12
DSR	Sensor-ready
SD40	40% step-dim
SD50	50% step-din
DALI	DALI dimming
LDE1	Lutron Hi lum



# MX4S LED 4" Continuous – Surface



# Hufft

PROJECT INFORMATION: Andy's Frozen Custard Lantana 3800 FM 407, Bartonville, TX 76226 OWNER: ANDY'S FROZEN CUSTARD 211 E. Water Street Springfield, MO 65806 www.eatandys.com ARCHITECT:

HUFFT 3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200 www.hufft.com STRUCTURAL:

METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

### CIVIL: KIMLEY-HORN

13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

MEP: RTM ENGINEERING CONSULTANTS 3333 E. Battelfield Road, Suite 1000 Springfield, MO 65804 P: 417-881-0020

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 LIGHTING CUT SHEETS



# AREA & ROADWAY LIGHTING **RAZAR SERIES - LED**

### LOW PROFILE AREA LUMINAIRE

### **Optical Housing**

Heavy cast, low copper aluminum assembly (A356 alloy, <.2% copper) minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

## Electrical Housing w/ Integrated Arm Heavy cast low copper aluminum (A356 alloy; <0.2% copper) assembly

with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

### PLED" Optics

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor, LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments.

### LED Driver(s)

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

### LED Emitters

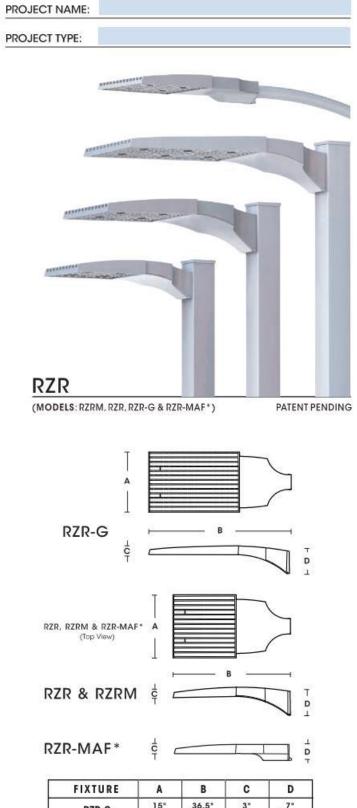
High output LED's are utilized with drive currents ranging from 350mA to 1050mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

Amber LED's TRA (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

Finish Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.

Mast Arm Fitter/Electrical Housing Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All

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			-	-
RZR-G	15*	36.5*	<b>3"</b>	<b>7"</b>
	381mm	927mm	76mm	187mm
RZR	14.75*	28.25"	2.75"	<b>6.5"</b>
	375mm	718mm	70mm	165mm
RZRM	11.5"	22"	2.5"	5.25*
	292mm	559mm	64mm	133mm
RZR-MAF	15*	28.25"	2.5"	<b>4"</b>
	381mm	724mm	64mm	102mm

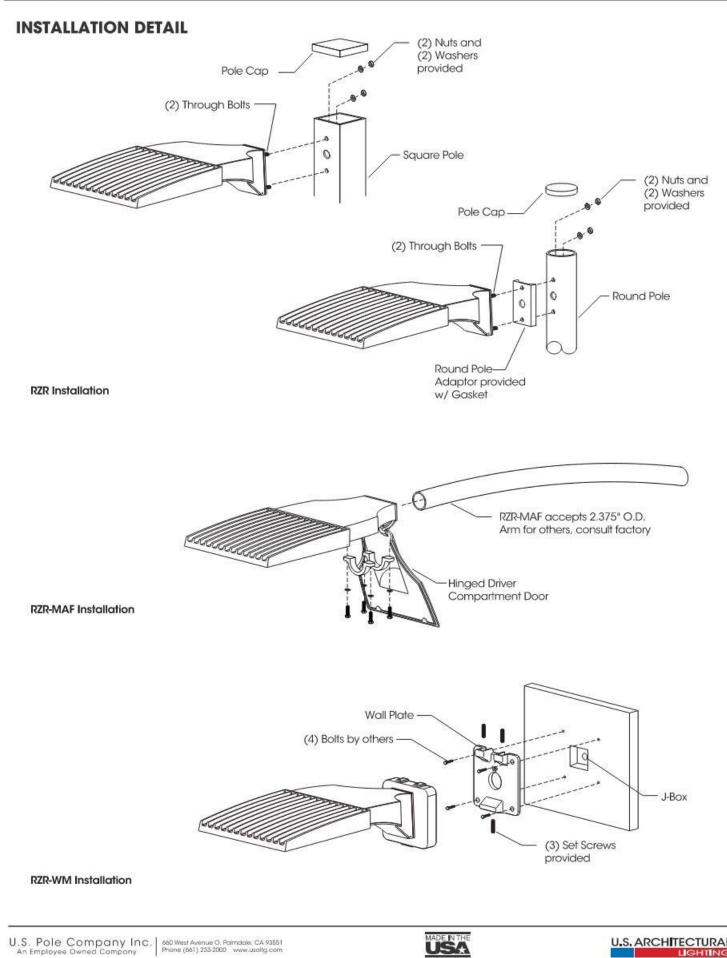
### U.L. Listed for Wet Location

U.S. ARCHITECTURA

2022158

### **RZR SERIES - LED**

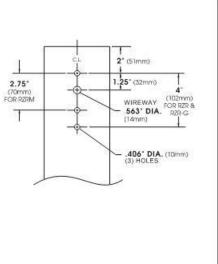
hardware is stainless steel.

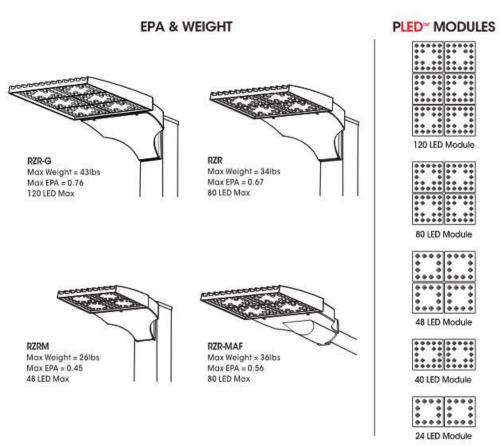


### **RZR SERIES - LED**

### SPECIFICATIONS

### POLE DRILLING TEMPLATE





### **ORDERING INFORMATION** Spec/Order Example: RZR/PLED-IV/80LED-700mA/CW/277/RAL-8019-S LED Mode Options Optics LED Luminaire Voltage Mounting Finish Options # of LEDs Drive Current Color Temp - CCT Arm Mount Standard Textured Finish PLED" Distribution Type RZR-G inc. LED Count (Example: HS-PLED/48) HS-PLED ] 120LED 🔲 1050mA' 🗌 27K (2700K) 🗌 🛛 120 RZR-G \_ Type II PLED-II External Glare Shield 4 Sided EGS4 RAL-9005-T □ 80LED □ 875mA<sup>1</sup> □ 30K (3000K) □ 208 External Glare Shield □ 700mA<sup>1</sup> □ 40K (4000K) □ 240 □ 2-180 ■---Type II Front Roy 1000 PLED-II-FR RAL-9003-T 3 Sided Rear Wedge EGS3W 525mA 50K (5000K) 277 Round Pole Adapter RPA Type III Median RAL-7004-T 2-90 Illuminator PLED-II-MIL 347 Twist Lock Receptable RZR RZR/RZR-MAF TRA Dark Bronze Only 480 True Amber<sup>2</sup> 3-90 7-Pin Twist Lock Type III Mec 80LED RZR-MAF Receptable Only TPR7 Consult Factory Green 40LED RAL-6005-T for Other LED Color, CCT & CRI Options 🔲 High-Low Dimming for 3-120 Type III Wide PLED-III-W Switch by Others/Selec Levels 50/100 or 25/100 Premium (Example: HLSW/25) HLSW Finishes Type IV PLED-IV 4-90 Twist Lock Photocell + Voltage \_\_\_\_\_ (Example: TPC347V) TPC+V RZRM RZRM Rust 700mA, 875mA and 1050mA n Photo Cell + Voltage 48LED PLED-IV-FT ) Patina for use with TRA LED's Wall Mount (Example: PC120V) PC+V Copper Single Fuse (120V, 277V) PC Type V Narrow PLED-VSQ-N 2 - Available in 350mA & 525mA SF drive currents only WM 🗌 Double Fuse For smooth finish Type V Med (208V, 240V) DF **Consult Factory for** replace suffix "T" with suffix "S" PLED-V-SQ-M WM - Wall Mount Other Drive Currents Blue-Tooth Programmable ed with mounting bracket and cover (Example: RAL-9500-S) Photo/Motion Sensor Type V Wide PLED-V-SQ-W (Factory - Motion 50/100: Photo 75fc) Consult factor for custom colors MS-F311 U.S. ARCHITECTURAL U.S. Pole Company Inc. | 660 West Avenue O, Paindale, CA 93551 Phone (661) 233-2000 www.usaltg.com

### **RZR SERIES - LED**

150,000 (Theoretical Calcualted)

### **PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE**

0.89x

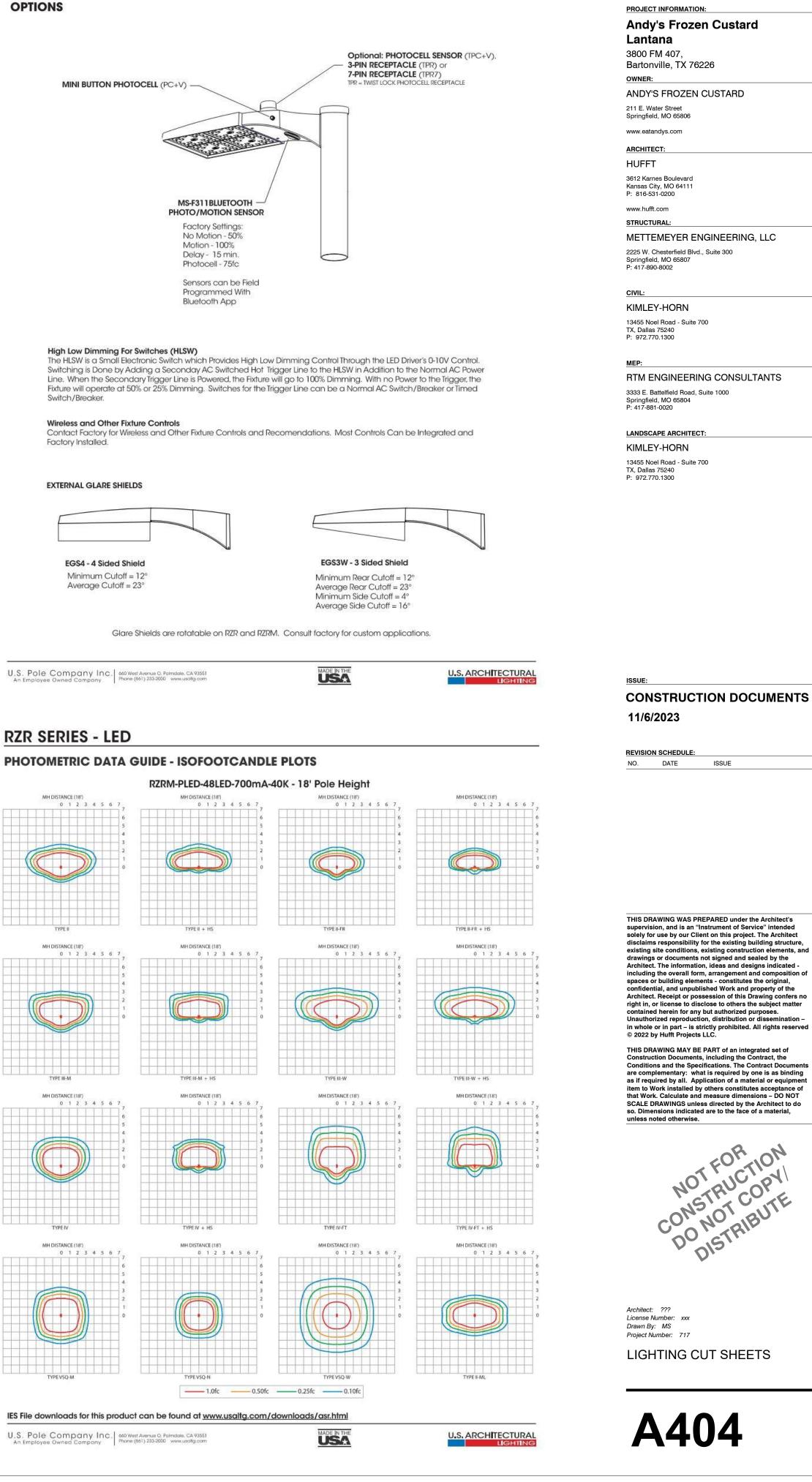
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor	Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient TM-21 6x Test Time Dicatates that L94 > 60,000 Hours.
60,000 (10x Test Time Calculated)	L94	0.94x	
100,000 (Theoretical Calculated)	L92	0.92x	

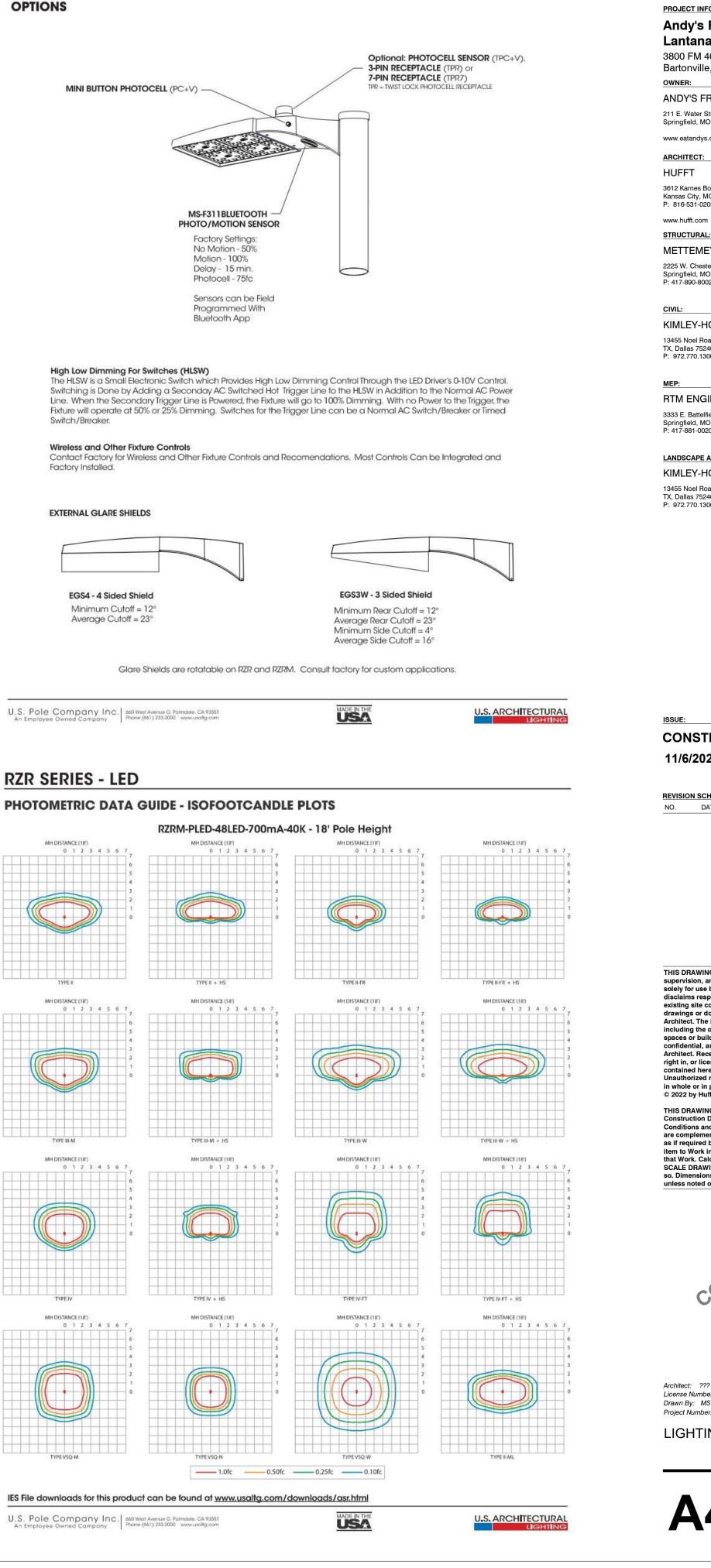
### **ELECTRICAL DATA GUIDE - AMPERAGE CHARTS**

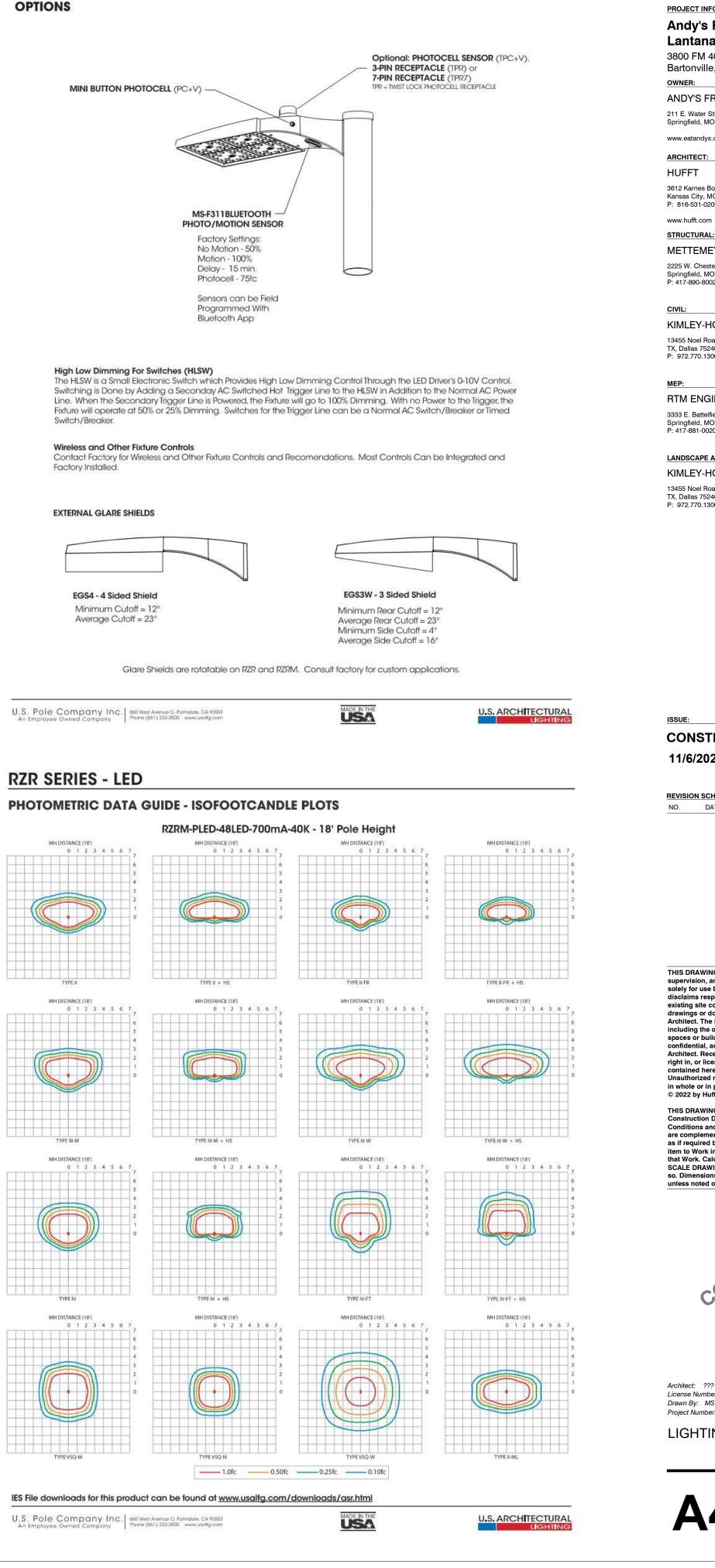
L89

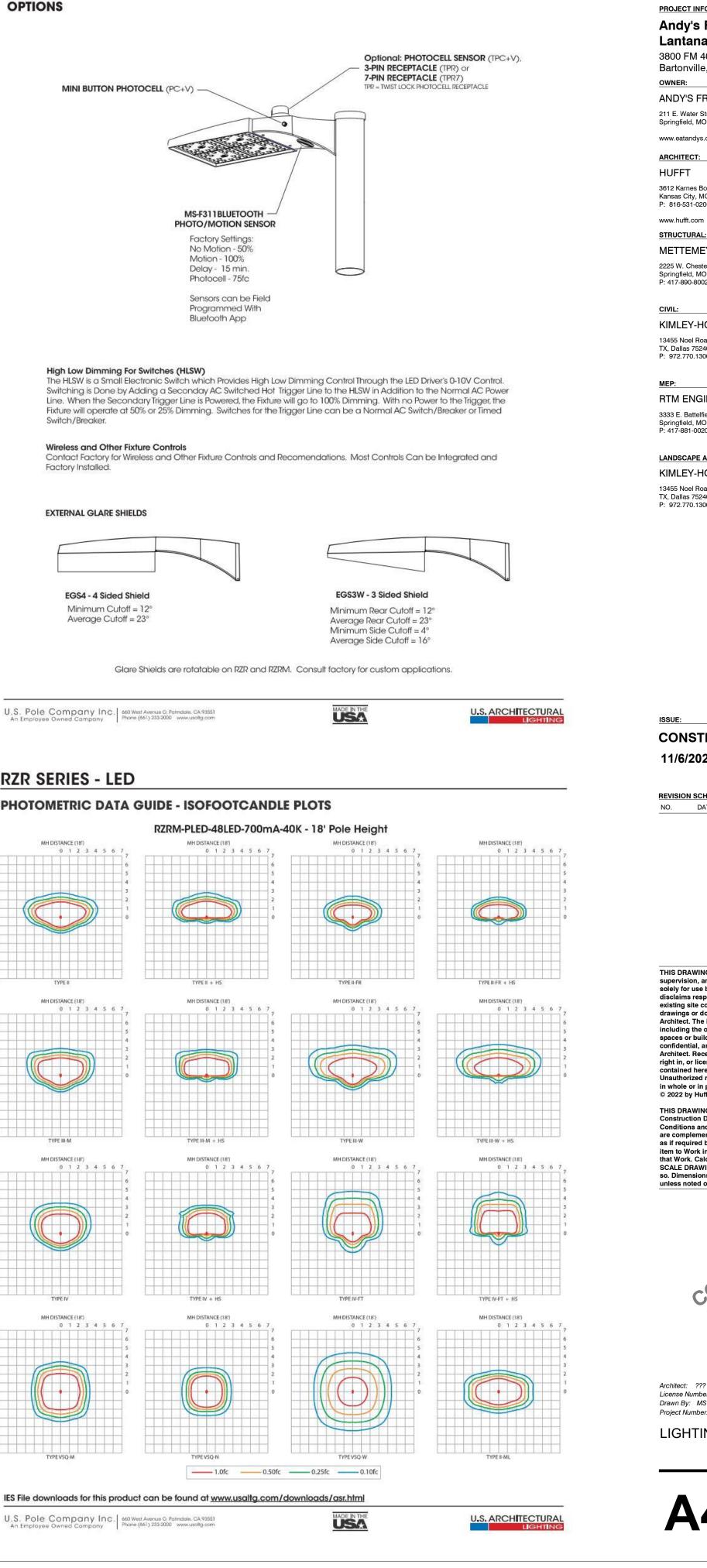
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	28	0.24	0.14	0.10	0.08	0.06
24	525	42	0.35	0.20	0.15	0.12	0.09
24	700	56	0.47	0.27	0.20	0.16	0.12
24	875	68	0.57	0.33	0.24	0.20	0.14
24	1050	82	0.68	0.39	0.30	0.24	0.17
48	350	53	0.44	0.25	0.19	0.15	0.11
48	525	79	0.66	0.38	0.29	0.23	0.16
48	700	105	0,88	0.51	0.38	0.30	0.22
48	875	132	1.10	0.63	0.48	0.38	0.27
48	1050	160	1.33	0.77	0.58	0.46	0.33
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.13
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	108	0.90	0.52	0.39	0.31	0.23
40	1050	128	1.07	0.62	0.46	0.37	0.27
80	350	85	0.71	0.41	0.31	0.25	0.18
80	525	129	1.08	0.62	0.47	0.37	0.27
80	700	174	1,45	0.83	0.63	0.50	0.36
80	875	216	1.80	1.04	0.78	0.62	0.45
80	1050	256	2.14	1.23	0.93	0.74	0.53
120	350	130	1.08	0.63	0.47	0.37	0.27
120	525	192	1.60	0.92	0.69	0.55	0.40
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	329	2.74	1.58	1.19	0.95	0.69
120	1050	398	3.32	1.91	1.44	1.15	0.83

Switch/Breaker.









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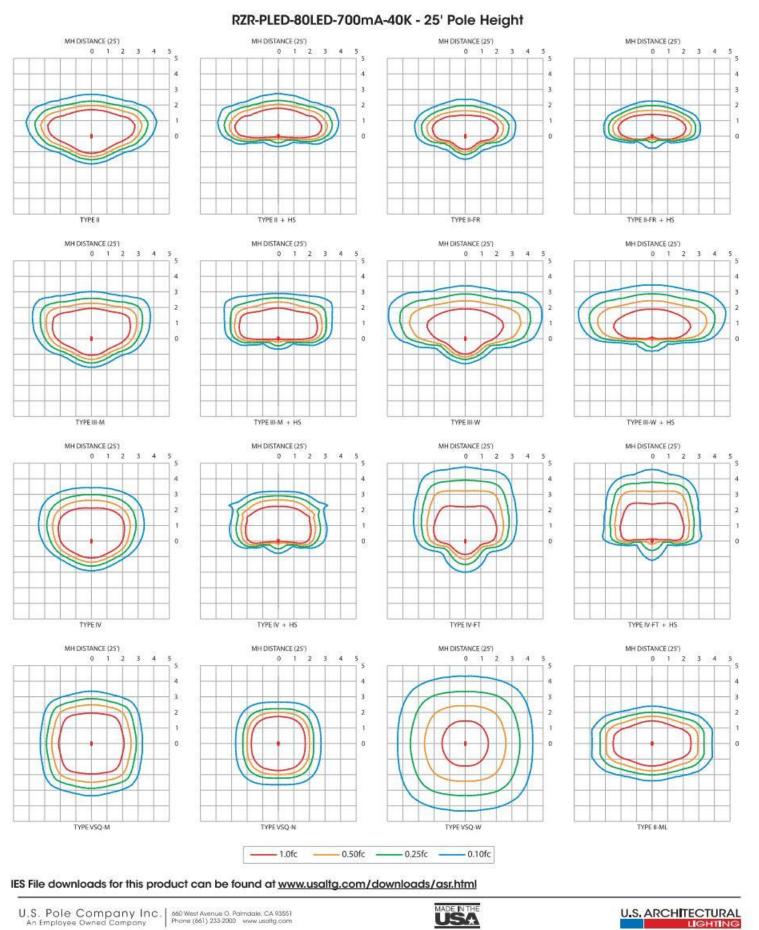
ISSUE

TRIBUTE

DIST

### **RZR SERIES - LED**

### PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS



### **RZR SERIES - LED**

### **PHOTOMETRIC DATA GUIDE - LUMEN TABLES (RZRM-PLED)**

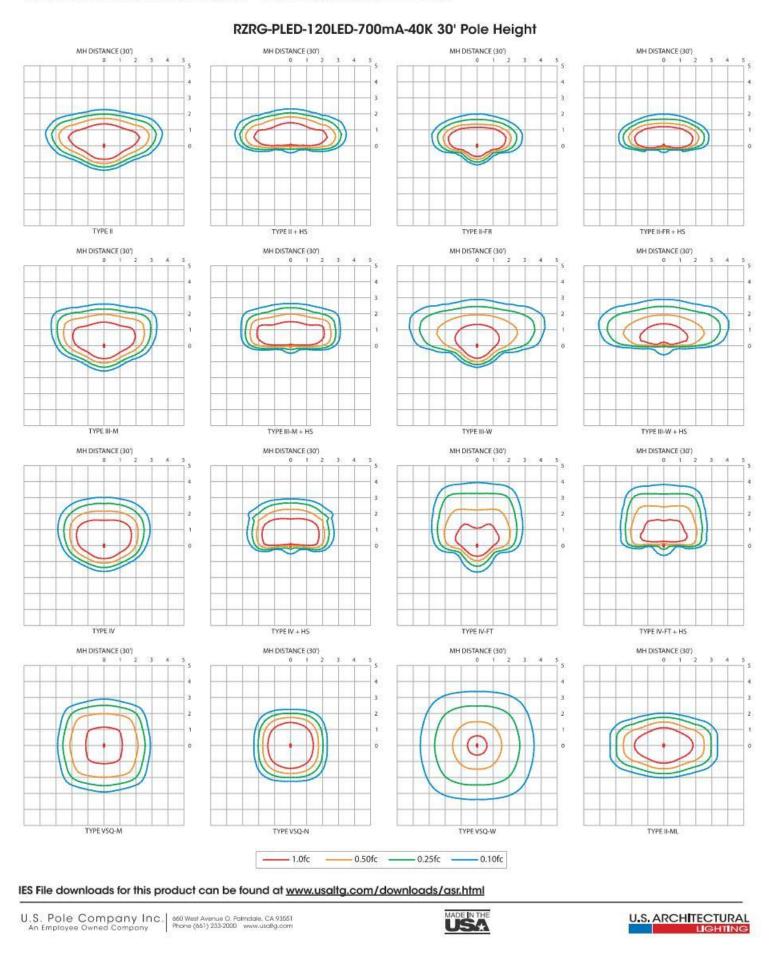
LED ount	Drive Current	System	Dist'n	271	(2700)	K - 70CRI)	30	K (3000)	( - 70CRI)	40k	( //0006	10000	EOV	(EDDDI/	- 70CRI)	ourrosense.	TD	A /50	
ount			> 1.1.2 (1.1.1)		-						(4000)	( - 70CRI)	DUK	(50001	- 70CRI)	System	TRA (590nm)		Onm)
	(mA)	Watts	Туре	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LPW	<b>BUG RATING</b>	LUMENS	LPW	BUG RATING	Watts		LPW	BUG RATIN
		- 83	III-FR	6836 6882	130	82-U0-G2 82-U0-G1	7380 7430	141	82-U0-G2 82-U0-G1	7769	148	B2-U0-G2 B2-U0-G1	8157 8212	155 156	82-U0-G2 82-U0-G1		2713 2731	66	B1-U0-G1 B1-U0-G1
		1	II-ML	6837	130	B3-U0-G3	7380	141	B3-U0-G3	7769	148	B3-U0-G3	8157	155	B3-U0-G3		2713	66	B1-U0-G
		1	III-M	6956	132	B2-U0-G2	7509	143	B2-U0-G2	7905	151	B2-U0-G2	8300	158	B2-U0-G2		2760	67	B1-U0-G
			III-W IV	6459 6903	123	B1-U0-G2 B2-U0-G2	6972 7453	133	B1-U0-G2 B2-U0-G2	7339 7845	140	B1-U0-G2 B2-U0-G2	7706 8237	147 157	B1-U0-G2 B2-U0-G2		2563 2740	63 67	B1-U0-G B1-U0-G
		8	IV-FT	6289	120	B1-UD-G2	6789	129	B1-U0-G2	7146	136	B1-U0-G2	7503	143	82-00-02 B2-00-G2		2496	61	B1-00-G
48	350	52.5	VSQ-N	7216	137	B2-U0-G1	7790	148	B2-U0-G1	8200	156	B3-U0-G1	8610	164	B3-U0-G1	41.0	2864	70	B1-U0-G
	000		VSQ-M	7076	135	B3-U0-G1	7639	146	83-U0-G2 83-U0-G2	8041	153	B3-U0-G2	8443	161	B3-U0-G2		2806	68	82-U0-G
		2	VSQ-W II-HS	6907 5000	132 95	B3-U0-G2 B1-U0-G2	7456 5398	142	B3-00-G2 B1-00-G2	7849 5682	150 108	B3-U0-G2 B1-U0-G2	8242 5966	157	B3-U0-G2 B1-U0-G2		2741	67 48	82-U0-G 80-U0-G
			II-FR-HS	5087	97	BO-UO-G1	5491	105	B0-U0-G1	5780	110	B1-U0-G1	6069	116	B1-U0-G1		2018	49	80-U0-G
			III-MHS	5059	96	BO-UC-G2	5461	104	BO-UO-G2	5748	109	BO-UC-G2	6036	115	BO-UD-G2		2007	49	80-U0-G
		23	III-W-HS IV-HS	4952 5224	94	B0-U0-G2 B0-U0-G2	5345 5640	102	B0-U0-G2 B0-U0-G2	5627 5937	107	B0-U0-G2 B0-U0-G2	5908 6234	113	BO-U0-G2 BO-U0-G2		1965 2074	48 51	80-U0-G 80-U0-G
			IV-FT-HS	4938	94	B0-00-62 B0-00-62	5330	107	B0-00-G2 B0-00-G2	5611	107	B0-00-62 B0-00-62	5892	119	B0-00-G2 B0-00-G2	Ę.	1960	48	80-00-G
		e - 1	11	9720	123	B2-U0-G2	10493	133	82-U0-G2	11046	140	B2-U0-G2	11598	147	82-U0-G2		3143	51	B1-U0-G
			III-FR	9785	124	B2-U0-G1	10564	134	82-U0-G1	11120	141	B2-U0-G1	11676	148	83-U0-G1		3164	51	B1-U0-G
		1	II-ML III-M	9720 9891	123 125	B3-U0-G3 B2-U0-G2	10494 10677	133 135	B3-U0-G3 B2-U0-G2	11046 11240	140 142	B3-U0-G3 B2-U0-G2	11598 11801	147 149	B3-U0-G3 B2-U0-G2		3143 3198	51 52	82-U0-G 81-U0-G
		8	III-W	9183	116	B2-U0-G3	9914	125	B2-U0-G2 B2-U0-G3	10436	132	B2-U0-G2 B2-U0-G3	10958	139	B2-U0-G3		2969	48	81-00-G
		1	IV.	9816	124	B2-U0-G2	10597	134	82-U0-G2	11155	141	B2-U0-G2	11712	148	82-U0-G2		3174	51	81-U0-G
			IV-FT	8942	113	B2-U0-G2	9653	122	82-U0-G3	10161	129	B2-U0-G3	10669	135	82-U0-G3		2892	47	B1-U0-G
48	525	79,0	VSQ-N VSQ-M	10260	130	B3-U0-G1 B3-U0-G2	11075 10861	140 137	B3-U0-G1 B4-U0-G2	11659 11432	148 145	B3-U0-G1 B4-U0-G2	12242 12004	155 152	B3-U0-G1 B4-U0-G2	62.0	3317 3253	54 52	B2-U0-G B2-U0-G
			VSQ-W	9821	124	B4-U0-G3	10602	134	B4-00-02 B4-00-G3	11160	140	B4-00-G3	11718	148	B4-00-G3		3175	51	B2-U0-G
		<u> </u>	II-HS	7110	90	B1-U0-G2	7675	97	B1-U0-G2	8079	102	B1-U0-G2	8483	107	B1-U0-G2		2298	37	B0-U0-G
			II-FR-HS	7231	92	B1-U0-G1	7806	99	B1-U0-G1	8217	104	B1-U0-G1	8628	109	B1-U0-G1		2339	38	B0-U0-G
		2	III-M-HS III-W-HS	7192 7040	91 89	B0-U0-G2 B0-U0-G2	7764	98 96	B1-U0-G2 B0-U0-G2	8173 8000	103	B1-U0-G2 B1-U0-G2	8581 8400	109	B1-U0-G2 B1-U0-G2	1	2325 2276	38	80-U0-G 80-U0-G
		1 8	IV-HS	7429	94	B1-U0-G2	8020	102	B1-U0-G2	8442	107	B1-U0-G2	8864	112	B1-U0-G2		2402	39	B0-U0-G
			IV-FT-HS	7020	89	B1-U0-G3	7579	96	B1-U0-G3	7978	101	B1-U0-G3	8377	106	B1-U0-G3		2270	37	80-U0-G
			II-FR	12226	116	B2-U0-G2	13199	126	82-U0-G2	13894	132	B2-U0-G2	14588	139 140	B3-U0-G2 B3-U0-G1				
			II-FIC II-ML	12308	117	B3-U0-G1 B3-U0-G3	13287 13200	126	B3-U0-G1 B3-U0-G3	13986 13894	133 132	B3-U0-G1 B3-U0-G3	14686 14589	140	B3-00-G1 B4-00-G4				
		5	III-M	12440	118	B2-U0-G2	13430	128	82-U0-G2	14137	135	B2-U0-G2	14843	141	82-U0-G2				
			III-W	11550	110	B2-U0-G3	12468	119	82-U0-G3	13125	125	B2-U0-G3	13781	131	82-U0-G3				
		<u></u>	IV-FT	12346 11247	117	B2-U0-G2 B2-U0-G3	13329 12141	127	B2-U0-G2 B2-U0-G3	14030 12780	133 122	B2-U0-G2 B2-U0-G3	14731 13419	140 128	B2-U0-G2 B2-U0-G3	i.			
	1972		VSQ-N	11247	123	B2-00-G3 B3-U0-G1	13931	133	B2-00-G3 B3-00-G1	14663	140	B2-00-G3 B3-U0-G1	15419	146	B2-00-G3 B3-00-G1	10000		13105	
48	700	105.1	VSQ-M	12654	120	B4-U0-G2	13660	130	B4-U0-G2	14379	137	B4-U0-G2	15099	144	B4-U0-G2	N/A		N/A	<u>8</u>
		1	VSQ-W	12352	118	B4-U0-G3	13334	127	B4-U0-G3	14036	134	B4-U0-G3	14738	140	B4-U0-G3				
			II-HS II-FR-HS	8942 9095	85 87	B1-U0-G2 B1-U0-G1	9653 9819	92 93	B1-U0-G2 B1-U0-G1	10161 10336	97 98	B1-U0-G2 B1-U0-G1	10669 10852	102 103	B1-U0-G2 B1-U0-G1				
			III-M-HS	9045	86	B1-00-G2	9765	93	B1-00-G1 B1-00-G2	10279	98	B1-00-G1	10793	103	B1-00-G1	i			
			III-W-HS	8854	84	B1-U0-G2	9558	91	B1-U0-G3	10062	96	B1-U0-G3	10565	101	B1-U0-G3				
			IV-HS	9344	89	B1-U0-G2	10087	96	B1-U0-G2	10618	101	B1-U0-G2	11149	106	B1-U0-G2	2			
-+		<u> </u>	IV-FT-HS	8831 14829	84 113	B1-U0-G3 B3-U0-G2	9533 16008	91	B1-U0-G3 B3-U0-G3	10035	95 128	B1-U0-G3 B3-U0-G3	10537 17693	100	B1-U0-G3 B3-U0-G3				
		3	II-FR	14928	113	B3-U0-G2	16115	122	83-U0-G2	16964	129	B3-U0-G3	17812	135	B3-U0-G2				
		1 <u>ĝ</u>	II-ML	14829	113	B4-U0-G4	16009	121	B4-U0-G4	16851	128	B4-U0-G4	17694	134	B4-U0-G4				
			III-M	15088	114	B2-U0-G2	16288	124	B3-U0-G3	17145	130	B3-U0-G3	18003	137	83-U0-G3				
		3	III-W IV	14009	106	B2-U0-G3 B2-U0-G2	15123	115	B2-U0-G3 B3-U0-G2	15919 17017	121	B3-U0-G3 B3-U0-G3	16715 17867	127	B3-U0-G3 B3-U0-G3				
		8	IV-FT	13641	103	B2-U0-G3	14726	112	B3-U0-G3	15501	118	B3-U0-G3	16276	123	B3-U0-G3				
48	875	131.8	VSQ-N	15652	119	B3-U0-G1	16897	128	B4-U0-G2	17786	135	B4-U0-G2	18675	142	B4-U0-G2	N/A		N/A	
			VSQ-M	15348	116	B4-U0-G2 B4-U0-G3	16568	126	B4-U0-G2	17440	132	B4-U0-G2 B5-U0-G3	18312	139	B4-U0-G2				
		3	VSQ-W II-HS	14981 10845	114 82	B1-U0-G2	16173 11707	123 89	B4-U0-G3 B1-U0-G2	17024 12324	129 94	B3-00-G3 B1-00-G2	17876 12940	136 98	B5-U0-G3 B1-U0-G2				
		3	II-FR-HS	11032	84	B1-U0-G1	11909	90	B1-U0-G2	12536	95	B1-U0-G2	13162	100	B1-U0-G2				
			M-HS	10971	83	B1-U0-G2	11844	90	B1-U0-G3	12467	95	B1-U0-G3	13091	99	B1-U0-G3				
			III-W-HS	10739	81 86	B1-U0-G3 B1-U0-G2	11594 12234	88 93	B1-U0-G3 B1-U0-G2	12204 12878	93 98	B1-U0-G3 B1-U0-G3	12814 13522	97	B1-U0-G3 B1-U0-G3				
		1	IV-FT-HS	10711	81	B1-00-G3	11562	88	B1-00-G2 B1-00-G3	12171	92	B1-00-G3	12779	97	B1-U0-G3				
		1	11	17044	107	B3-U0-G3	18400	115	B3-U0-G3	19369	121	B3-U0-G3	20337	127	B3-U0-G3		S		
			H-FR	17159	108	B3-U0-G2	18523	116	B3-U0-G2	19498	122	B3-U0-G2	20473	128	B3-U0-G2				
		8	II-ML	17045	107	B4-U0-G4 B3-U0-G3	18401 18722	115	84-U0-G4 B3-U0-G3	19369 19707	121	B4-U0-G4 B3-U0-G3	20338	127	84-U0-G4 B3-U0-G3				
		8	III-W	16102	109	B3-U0-G3	17383	109	B3-U0-G3	18298	115	B3-U0-G3 B3-U0-G3	19213	120	B3-U0-G4				
		9	١V	17212	108	B3-U0-G3	18582	116	B3-U0-G3	19559	123	B3-U0-G3	20537	129	B3-U0-G3				
		2	IV-FT	15680	98	B3-U0-G3	16927	106	B3-U0-G3	17818	112	B3-U0-G3	18708	117	83-U0-G4				
48	1050	159.6	VSQ-N VSQ-M	17990	113	B4-U0-G2 B4-U0-G2	19421 19044	122	B4-U0-G2 B4-U0-G2	20443 20046	128	B4-U0-G2 B4-U0-G2	21466 21048	134 132	B4-U0-G2 B4-U0-G2	N/A		N/A	ŧ.
		8	VSQ-W	17220	108	B5-U0-G3	18590	116	B5-U0-G3	19568	123	B5-U0-G3	20546	132	B5-U0-G3				
		1	II-HS	12465	78	B1-U0-G2	13457	84	B1-U0-G3	14165	89	B1-U0-G3	14873	93	B1-U0-G3				
			II-FR-HS	12680	79	B1-U0-G2	13688	86	B1-U0-G2	14409	90	B1-U0-G2	15129	95	B1-U0-G2				
		1	III-M-HS III-W-HS	12611 12344	79 77	B1-U0-G3 B1-U0-G3	13614 13326	85 83	B1-U0-G3 B1-U0-G3	14330 14027	90 88	B1-U0-G3 B1-U0-G3	15047 14728	94 92	81-U0-G3 81-U0-G4				
		8	IV-HS	13026	82	B1-00-03	14062	88	B1-00-G3	14802	93	B1-00-03	15542	97	B1-00-G3				
		1 8	IV-FT-HS	12311	77	B1-U0-G3	13290	83	81-U0-G3	13989	88	B1-U0-G4	14689	92	B1-U0-G4				

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LIGHTING

### **RZR SERIES - LED**

### **PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS**

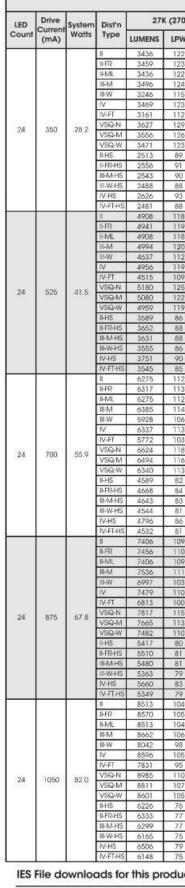


# **RZR SERIES - LED**

									R	ZR-PLE	D									
ED	Drive	System	Dist'n	271	(2700)	( - 70CRI)	30K	(3000K	- 70CRI)	408	(4000k	( - 70CRI)	50K	(5000K	- 70CRI)	System	т	RA (59	0nm)	
ount	Current (mA)	Watts	Туре	LUMENS	LPW	BUG RATING	Watts	LUMENS	LPW	BUG RATIN										
		8	II II-FR	5819 5858	136	B2-U0-G1 B2-U0-G1	6281 6324	147 148	82-00-G1 82-00-G1	6612 6657	155 156	B2-U0-G2 B2-U0-G1	6943 6990	163 164	B2-U0-G2 B2-U0-G1		2309 2325	70 70	B1-00-G1	
		8	II-ML	5819	136	B2-00-G1 B3-00-G3	6282	140	82-00-G1 83-00-G3	6612	155	B2-00-G1 B3-00-G3	6943	163	B3-U0-G3		2325	70	B1-U0-G0 B1-U0-G1	
			III-M	5921	139	B1-U0-G2	6392	150	B2-U0-G2	6728	158	B2-U0-G2	7065	165	B2-U0-G2		2349	71	B1-U0-G1	
			III-W	5497 5876	129 138	B1-U0-G2 B1-U0-G2	5935 6344	139	81-U0-G2 82-U0-G2	6247 6677	146 156	B1-U0-G2 B2-U0-G2	6559 7011	154	81-U0-G2 82-U0-G2		2182 2332	66 71	81-00-G1 81-00-G1	
		8	IV-FT	5353	125	B1-00-G2	5778	135	B1-U0-G2	6083	142	B1-U0-G2	6387	150	B1-U0-G2		2124	64	B1-00-G1	
40	350	42.7	VSQ-N	6141	144	B2-U0-G1	6630	155	B2-U0-G1	6979	163	B2-U0-G1	7328	172	B2-U0-G1	33.0	2438	74	B1-U0-G0	
			VSQ-M VSQ-W	6023 5879	141	B3-U0-G1 B3-U0-G2	6502 6346	152	B3-U0-G1 B3-U0-G2	6844 6680	160 156	B3-U0-G1 B3-U0-G2	7186	168	83-U0-G1 83-U0-G2		2390 2333	72	82-U0-G1 82-U0-G1	
		i i	II-HS	4256	100	80-00-G1	4594	108	81-U0-G1	4836	113	B1-U0-G2	5077	119	B1-U0-G2	8	1689	51	80-U0-G0	
		3	II-FR-HS	4329	101	BO-UO-G1	4673	109	80-U0-G1	4919	115	B0-U0-G1	5165	121	B0-U0-G1		1718	52	80-U0-G0	
		8	III-M-HS III-W-HS	4305	101 99	B0-U0-G2 B0-U0-G2	4647 4550	109	B0-U0-G2 B0-U0-G2	4892 4789	115	B0-U0-G2 B0-U0-G2	5137 5028	120	80-U0-G2 80-U0-G2		1708	52 51	80-U0-G1 80-U0-G1	
		1	IV-HS	4447	104	B0-U0-G1	4801	112	B0-U0-G2	5054	118	BO-UO-G2	5306	124	80-U0-G2		1764	53	80-00-G1	
_			IV-FT-HS	4203	98	BO-UO-G2	4537	106	80-U0-G2	4776	112	BO-UO-G2	5015	117	80-U0-G2	·	1668	51	80-U0-G1	
			II-FR	8396 8452	130	B2-U0-G2 B2-U0-G1	9064 9125	140	82-U0-G2 82-U0-G1	9541 9605	147	B2-U0-G2 B2-U0-G1	10017 10085	155 156	B2-U0-G2 B2-U0-G1		2715 2733	53 54	B1-U0-G1 B1-U0-G1	
			II-ML	8396	130	B3-U0-G3	9064	140	B3-U0-G3	9541	147	B3-U0-G3	10018	155	B3-U0-G3		2715	53	81-U0-G1	
			III-M	8543	132	B2-U0-G2	9223	143	B2-U0-G2	9708	150	B2-U0-G2	10194	158	B2-U0-G2		2762	54	B1-U0-G1	
			III-W	7932 8478	123	B2-U0-G2 B2-U0-G2	8563 9152	132	B2-U0-G2 B2-U0-G2	9013 9634	139	B2-U0-G3 B2-U0-G2	9464 10116	146 156	B2-U0-G3 B2-U0-G2		2565 2742	50 54	B1-U0-G1 B1-U0-G1	
			JV-FT	7724	119	B2-U0-G3	8338	129	B2-U0-G3	8777	136	B2-U0-G3	9216	142	82-U0-G3		2497	49	B1-U0-G	
10	525	64.7	VSQ-N	8861	137	B3-U0-G1	9566	148	B3-U0-G1	10070	156	B3-U0-G1 B3-U0-G2	10574	163	B3-U0-G1	51.0	2866	56	B1-U0-G	
224	1000	72	VSQ-M VSQ-W	8690 8483	134	B3-U0-G2 B4-U0-G2	9381 9157	145	B3-U0-G2 B4-U0-G2	9875 9640	153 149	B3-00-G2 B4-00-G3	10369 10122	160 156	B3-U0-G2 B4-U0-G3	0.000	2809 2743	55 54	82-U0-G 82-U0-G	
		0	II-HS	6141	95	B1-U0-G2	6629	102	81-U0-G2	6978	108	B1-U0-G2	7327	113	B1-U0-G2		1985	39	80-U0-G	
			II-FR-HS	6246	97	B1-U0-G1	6743	104	B1-U0-G1	7098	110	B1-U0-G1	7453	115	B1-U0-G1		2020	40	B0-U0-G	
		2	III-M-HS	6212 6081	96 94	B0-U0-G2 B0-U0-G2	6706 6564	104	B0-U0-G2 B0-U0-G2	7060 6910	109	B0-U0-G2 B0-U0-G2	7412 7255	115	80-U0-G2 80-U0-G2		2009 1966	39 39	80-U0-G 80-U0-G	
		8	IV-HS	6417	99	BO-UO-G2	6927	107	B0-U0-G2	7292	113	BO-UO-G2	7656	118	B1-U0-G2		2075	41	80-U0-G	
			IV-FT-HS	6064	94	80-U0-G2	6546	101	B0-U0-G2	6891	107	B1-U0-G2	7235	112	B1-U0-G3		1960	38	80-U0-G	
		8	II-FR	10669	123	B2-U0-G2 B2-U0-G1	11518 11594	133 134	82-U0-G2 83-U0-G1	12124	140	B2-U0-G2 B3-U0-G1	12730 12815	147	82-U0-G2 83-U0-G1					
		1	II-ML	10669	123	B3-U0-G3	11518	133	B3-U0-G3	12124	140	B3-U0-G3	12731	147	B3-U0-G3					
			III-M	10856	125	B2-U0-G2	11719	135	82-U0-G2	12336	142	B2-U0-G2	12953	149	82-U0-G2					
40		3	III-W	10079	116	B2-U0-G3 B2-U0-G2	10880 11630	125	B2-U0-G3 B2-U0-G2	11453 12243	132	B2-U0-G3 B2-U0-G2	12026	139 148	B2-U0-G3 B2-U0-G2					
		. S	IV-FT	9814	113	B2-U0-G3	10595	122	B2-U0-G3	11153	128	B2-U0-G3	11710	135	B2-U0-G3					
	700	86.8	VSQ-N	11260	130	B3-U0-G1	12156	140	B3-U0-G1	12796	147	B3-U0-G1	13435	155	B3-U0-G1	N/A		N/A	4	
			VSQ-M VSQ-W	11042	127	B4-U0-G2 B4-U0-G3	11920 11636	137 134	B4-U0-G2 B4-U0-G3	12548 12248	145	B4-U0-G2 B4-U0-G3	13175 12860	152 148	B4-U0-G2 B4-U0-G3					
		3	II-HS	7803	90	B1-U0-G2	8423	97	B1-U0-G2	8866	102	B1-U0-G2	9310	107	B1-U0-G2					
		13	III-FR-HS	7937 7893	91 91	B1-U0-G1 B1-U0-G2	8568 8521	99 98	B1-U0-G1 B1-U0-G2	9019 8970	104	B1-U0-G1 B1-U0-G2	9470 9418	109	B1-U0-G1 B1-U0-G2					
		8	III-W-HS	7726	89	B0-U0-G2	8341	96	B1-00-G2	8780	103	B1-00-G2 B1-00-G2	9218	106	81-00-G2					
		l j	IV-HS	8153	94	B1-U0-G2	8802	101	B1-U0-G2	9265	107	B1-U0-G2	9728	112	B1-U0-G2					
-		-	IV-FT-HS	7705	89 114	B1-U0-G3 B2-U0-G2	8318 13349	96	B1-U0-G3 B2-U0-G2	8756 14052	101	B1-U0-G3 B2-U0-G2	9194 14754	106	B1-U0-G3 B3-U0-G2					
		3	II-FR	12448	115	B3-U0-G1	13439	124	83-U0-G1	14146	130	B3-U0-G1	147.54	138	83-U0-G2					
		3	II-ML	12366	115	B3-U0-G3	13349	124	B3-U0-G3	14052	130	B3-U0-G3	14755	137	B4-U0-G4					
		3	III-M III-W	12581 11682	116	B2-U0-G2 B2-U0-G3	13582 12611	126	B2-U0-G2 B2-U0-G3	14297 13275	132 123	B2-U0-G2 B2-U0-G3	15012 13939	139	82-U0-G2 82-U0-G3					
			IV I	12487	116	B2-U0-G2	13480	125	B2-U0-G2	14189	131	B2-U0-G2	14899	138	B2-U0-G2					
			IV-FT	11375	105	B2-U0-G3	12280	114	B2-U0-G3	12926	120	B2-U0-G3	13573	126	B2-U0-G3					
40	875	108.0	VSQ-N VSQ-M	13051 12798	121 118	B3-U0-G1 B4-U0-G2	14089 13816	130 128	B3-U0-G1 B4-U0-G2	14830 14543	137 135	B3-U0-G1 B4-U0-G2	15572 15270	144	83-U0-G1 84-U0-G2	N/A		N//	k.	
		3	VSQ-W	12492	116	B4-U0-G3	13486	125	B4-U0-G3	14196	131	B4-U0-G3	14905	138	B4-U0-G3					
			IHIS	9044	84	B1-U0-G2	9763	90	B1-U0-G2	10277	95	B1-U0-G2	10791	100	B1-U0-G2					
		1	II-FR-HS III-M-HS	9199 9149	85 85	B1-U0-G1 B1-U0-G2	9930 9876	92 91	B1-U0-G1 81-U0-G2	10453 10396	97 96	B1-U0-G1 B1-U0-G2	10976 10916	102	81-U0-G1 81-U0-G2					
			III-W-HS	8955	83	B1-U0-G2	9667	90	B1-U0-G3	10176	94	B1-U0-G3	10685	99	B1-U0-G3					
		1	IV-HS IV-FT-HS	9450 8931	87 83	B1-U0-G2 B1-U0-G3	10201 9641	94 89	B1-U0-G2 B1-U0-G3	10738 10149	99 94	B1-U0-G2 B1-U0-G3	11275 10656	104 99	B1-U0-G2 B1-U0-G3					
-	_	-	1	14213	111	B1-00-03 B2-00-G2	15344	120	B3-00-G3	16151	126	B3-U0-G3	16959	132	B3-U0-G3	_	5.			
			II-FR	14308	112	B3-U0-G1	15446	120	B3-U0-G2	16259	127	B3-U0-G2	17072	133	B3-U0-G2					
		8	IFML III-M	14214	111	B3-U0-G3 B2-U0-G2	15344 15612	120	B4-U0-G4 B3-U0-G2	16152 16433	126	B4-U0-G4 B3-U0-G3	16959 17255	132 135	B4-U0-G4 B3-U0-G3					
		8	III-W	13427	105	B2-00-G2 B2-00-G3	14495	113	B2-U0-G3	15258	119	B2-U0-G3	16021	125	B3-U0-G3					
		3	N.	14352	112	B2-U0-G2	15494	121	B3-U0-G2	16309	127	B3-U0-G3	17125	134	B3-U0-G3					
	10 parateuro	and a	IV-FT VSQ-N	13075 15001	102	B2-U0-G3 B3-U0-G1	14115 16194	110	B2-U0-G3 B4-U0-G1	14858 17046	116 133	B3-U0-G3 B4-U0-G2	15601 17899	122	B3-U0-G3 B4-U0-G2	11/20-014		1250-		
10	1050	128.2	VSQ-M	14710	115	B3-00-G1 B4-U0-G2	15880	120	B4-00-G1 B4-00-G2	16716	130	B4-00-G2 B4-U0-G2	17552	137	B4-00-G2 B4-00-G2	N/A		N//	£	
			VSQ-W	14359	112	B4-U0-G3	15501	121	B4-U0-G3	16317	127	B4-U0-G3	17132	134	85-U0-G3					
		8	II-HS II-FR-HS	10395 10573	81 82	B1-U0-G2 B1-U0-G1	11222 11414	88 89	B1-U0-G2 B1-U0-G2	11813 12015	92	B1-U0-G2 B1-U0-G2	12403 12616	97 98	B1-U0-G2 B1-U0-G2	3				
		8	III-M-HS	10575	82	B1-00-G1	11352	89	B1-00-G2 B1-00-G2	11949	93	B1-00-G2 B1-00-G3	12547	98	B1-00-G2 B1-U0-G3					
			III-W-HS	10293	80	B1-U0-G3	11112	87	B1-U0-G3	11696	91	B1-U0-G3	12281	96	B1-U0-G3					
		1	IV-HS IV-FT-HS	10862	85 80	B1-U0-G2 B1-U0-G3	11726 11082	91 86	B1-U0-G2 B1-U0-G3	12343 11665	96 91	B1-U0-G2 B1-U0-G3	12960 12248	101 96	B1-U0-G3 B1-U0-G3					
		2 St	1. 1110		~~	P. 00.00	.1002		0.00.00	.1000	21	P. 00.00	01-44	20	01 00 00					

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# **RZR SERIES - LED**



U.S. Pole Company Inc. d60 West Avenue O. Palmidale. CA 93551 An Employee Owned Company Phone (861) 233-2020 www.usaitg.com

### **RZR SERIES - LED** PHOTOMETRIC DATA G

									R	ZR-PLE	U								
LED	Drive Current	System	Dist'n	278	(2700)	( - 70CRI)	30K	(3000K	- 70CRI)	40	(4000)	( - 70CRI)	50K	(5000K	- 70CRI)	System		TRA (59	0nm)
ount	(mA)	Watts	Type	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	<b>BUG RATING</b>	LUMENS	LPW	BUG RATING	Watts	LUMENS	LPW	BUG RATIN
			4	11277	132	B2-U0-G2	12174	143	B2-U0-G2	12814	150	B2-U0-G2	13455	158	B2-U0-G2		4475	67	B1-00-G1
		9	II-FR II-ML	11352	133	B3-U0-G1	12256	144	B3-U0-G1	12901	151	B3-U0-G1	13546	159	B3-U0-G1		4504	67	B1-U0-G1
		5	III-ML III-M	11277	132 134	B3-U0-G3 B2-U0-G2	12175 12387	143 145	B3-U0-G3 B2-U0-G2	12815 13039	150 153	B3-U0-G3 B2-U0-G2	13456 13691	158 160	B3-U0-G3 B2-U0-G2		4475 4553	67 68	82-00-G2 81-00-G1
		8	111-W	10654	125	B2-U0-G3	11501	135	B2-U0-G2 B2-U0-G3	12106	142	B2-U0-G2 B2-U0-G3	12712	149	B2-U0-G2 B2-U0-G3		4333	63	B1-00-G1
		63	IV	11388	133	B2-U0-G2	12294	144	B2-U0-G2	12941	152	B2-U0-G2	13588	159	B2-U0-G2	1	4518	.67	81-U0-G1
		1000	IV-FT	10374	121	B2-U0-G3	11199	131	B2-U0-G3	11788	138	B2-U0-G3	12377	145	B2-U0-G3		4117	61	B1-U0-G1
80	350	85.4	VSQ-N	11902	139	B3-U0-G1	12849	150	B3-U0-G1	13525	158	B3-U0-G1	14202	166	B3-U0-G1	67.0	4723	70	B2-U0-G1
		1	VSQ-M VSQ-W	11671	137	B4-U0-G2	12600	148	84-U0-G2	13263	155	B4-U0-G2	13927	163	B4-U0-G2		4631	69	B3-U0-G1
		2	ILHS	11392 8247	133 97	B4-U0-G3 B1-U0-G2	12299 8903	144	B4-U0-G3 B1-U0-G2	12946 9372	152 110	B4-U0-G3 B1-U0-G2	13593 9840	159	84-U0-G3 B1-U0-G2		4520 3273	67 49	83-00-G2 80-00-G1
		63	II-FR-HS	8389	98	B1-U0-G1	9056	106	B1-U0-G1	9533	112	B1-U0-G1	10009	117	B1-U0-G1		3329	50	80-U0-G1
		3	III-M-HS	8344	98	B1-U0-G2	9007	105	B1-U0-G2	9482	111	B1-U0-G2	9956	117	B1-U0-G2		3311	49	80-U0-G1
		5	III-W-HS	8167	96	B1-U0-G2	8817	103	B1-U0-G2	9281	109	B1-U0-G2	9745	114	B1-U0-G3		3240	48	80-00-G1
		2	IV-HS	8618	101	B1-U0-G2	9304	109	B1-U0-G2	9793	115	B1-U0-G2	10283	120	B1-U0-G2		3420	51	80-U0-G
_			IV-FT-HS	8144	95 125	B1-U0-G3	8792	103	B1-U0-G3	9255 18454	108	B1-U0-G3	9718	114	B1-U0-G3		3232	48 52	80-U0-G2
			II-FR	16239 16348	125	B3-U0-G3 B3-U0-G2	17531 17648	135 136	83-U0-G3 83-U0-G2	18454	143	B3-U0-G3 B3-U0-G2	19377 19506	150	B3-U0-G3 B3-U0-G2		5251 5286	52	81-U0-G1 81-U0-G1
		1	II-ML	16240	120	B4-U0-G4	17532	135	B4-U0-G4	18454	143	B5-00-G2 B4-U0-G4	19377	150	B4-U0-G4		5250	52	82-U0-G2
			III-M	16523	128	B3-U0-G3	17837	138	B3-U0-G3	18776	145	B3-U0-G3	19715	152	B3-U0-G3		5343	53	B1-U0-G2
			III-W	15341	119	B2-U0-G3	16562	128	B3-U0-G3	17433	135	B3-U0-G3	18305	141	B3-U0-G3		4961	49	81-U0-G2
		3	IV NET	16398	127	B3-U0-G3	17703	137	B3-U0-G3	18635	144	B3-U0-G3	19566	151	B3-U0-G3		5302	52	81-U0-G1
			IV-FT VSQ-N	14938 17140	115	B3-U0-G3 B4-U0-G2	16127 18504	125	B3-U0-G4 B4-U0-G2	16976 19477	131 151	B3-U0-G4 B4-U0-G2	17824 20451	138 158	B3-U0-G4 B4-U0-G2		4830 5542	48 55	B1-U0-G2 B2-U0-G1
80	525	129.4	VSQ-M	1/140	132	B4-00-G2 B4-00-G2	18504	143	B4-00-G2 B4-00-G2	19477	151	B4-00-G2 B4-00-G2	20451	158	84-00-G2 84-00-G2	101.0	5434	55	82-00-G1 83-00-G1
		1	VSQ-W	16406	127	B4-U0-G3	17711	137	85-U0-G3	18643	144	85-U0-G3	19575	155	85-U0-G3		5304	53	B3-U0-G2
		. j.	II-HS	11877	92	B1-U0-G2	12821	99	81-U0-G2	13496	104	B1-U0-G3	14171	110	B1-U0-G3		3841	38	B0-00-G1
		0	II-FR-HS	12081	93	B1-U0-G2	13042	101	B1-U0-G2	13728	106	B1-U0-G2	14414	111	B1-U0-G2		3906	39	80-U0-G1
		l - S	III-M-HS	12016	93	B1-U0-G3	12971	100	B1-U0-G3	13654	106	B1-U0-G3	14337	111	B1-U0-G3		3885	38	80-U0-G1
		1	III-W-HS	11760	91	B1-U0-G3	12696	98 104	B1-U0-G3	13364	103	B1-U0-G3	14032	108	B1-U0-G3 B1-U0-G3		3803	38 40	80-U0-G3
		9	IV-HS	12411 11729	96 91	B1-U0-G2 B1-U0-G3	13398 12662	98	B1-U0-G3 B1-U0-G3	14103 13328	109	B1-U0-G3 B1-U0-G3	14808 13995	108	B1-00-G3 B1-00-G4		4013 3792	38	B0-U0-G1 B0-U0-G2
-		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	1	20595	119	B3-U0-G3	22232	128	B3-U0-G3	23403	135	B3-U0-G3	24573	142	B3-U0-G3		0172		000002
		8	II-FR	20732	119	B3-U0-G2	22381	129	B3-U0-G2	23559	136	B3-U0-G2	24736	142	B3-U0-G2				
		1	II-ML	20595	119	B4-U0-G4	22233	128	B4-U0-G4	23403	135	B4-U0-G4	24573	142	B4-U0-G4	1			
		200	III-M	20954	121	B3-U0-G3	22621	130	B3-U0-G3	23812	137	B3-U0-G4	25003	144	B3-U0-G4				
		8	III-W IV	19456	112	B3-U0-G4	21003	121	B3-U0-G4	22109	127	B3-U0-G4	23214 24814	134	B3-U0-G4				
			IV-FT	20797 18945	120	B3-U0-G3 B3-U0-G4	22451 20452	129	B3-U0-G3 B3-U0-G4	23633 21528	124	B3-U0-G3 B3-U0-G4	24614	143	B3-U0-G4 B3-U0-G4				
80	202	170.4	VSQ-N	21737	125	B4-U0-G2	23466	135	84-U0-G2	24701	142	B4-U0-G2	25936	149	84-U0-G2	1000		3773	
80	700	173.6	VSQ-M	21314	123	B5-U0-G3	23010	133	B5-U0-G3	24221	140	B5-U0-G3	25432	146	85-U0-G3	N/A		N/A	8
		1	VSQ-W	20806	120	B5-U0-G3	22461	129	B5-U0-G4	23643	136	B5-U0-G4	24825	143	85-U0-G4				
		8	II-HS	15062	87	B1-U0-G3	16260	94	B1-U0-G3	17115	99	B1-U0-G3	17971	104	B1-U0-G3				
			III-FR-HS	15321 15238	88 88	B1-U0-G2 B1-U0-G3	16539 16450	95 95	B1-U0-G2 B1-U0-G3	17410	100	B1-U0-G2 B1-U0-G3	18280 18181	105	B1-U0-G2 B1-U0-G4				
			III-W-HS	14915	86	B1-00-63	16101	93	B1-00-03	16948	98	B1-00-G3	17796	103	B1-00-G4				
			IV-HS	15739	91	B1-U0-G3	16991	98	B1-U0-G3	17885	103	B1-U0-G3	18780	108	B1-U0-G3				
		2	IV-FT-HS	14874	86	B1-U0-G4	16058	92	B1-U0-G4	16903	97	B1-U0-G4	17748	102	B1-U0-G4	<u> </u>	0		
		53	1	23798	110	B3-U0-G3	25691	119	B3-U0-G3	27043	125	B3-U0-G4	28395	132	B3-U0-G4				
		2	II-FR II-ML	23957	111	B3-U0-G2	25862	120	B3-U0-G2	27223	126	B3-U0-G2	28585	132	84-00-G2				
		1	⊪rviL ≣-M	23799 24214	110	B4-U0-G4 B3-U0-G4	25692 26140	119	84-U0-G4 83-U0-G4	27044 27516	125	B4-U0-G4 B3-U0-G4	28396 28892	132 134	84-U0-G4 83-U0-G4				
		3	III-W	22482	104	B3-U0-G4	24270	112	B3-U0-G4	25548	118	B3-U0-G4	26825	124	B3-U0-G4				
			IV	24032	111	B3-U0-G3	25943	120	83-U0-G4	27309	126	B3-U0-G4	28674	133	83-U0-G4				
		3	IV-FT	21892	101	B3-U0-G4	23634	109	B3-U0-G5	24877	115	B3-U0-G5	26121	121	B3-U0-G5				
80	875	215.9	VSQ-N	25118	116	B4-U0-G2	27116	126	85-U0-G2	28543	132	85-U0-G2	29970	139	85-U0-G2	N/A		N/A	ē.
			VSQ-M	24630	114	85-U0-G3	26589	123	85-U0-G3	27988	130	B5-U0-G3 B5-U0-C4	29387	136	85-U0-G3 85-U0-G4				
		1	VSQ-W	24042 17405	111 81	85-U0-G4 81-U0-G3	25954 18789	120 87	85-U0-G4 81-U0-G3	27321 19778	127 92	85-U0-G4 81-U0-G4	28686 20766	133 96	B5-U0-G4 B2-U0-G4				
		3	II-FR-HS	17704	82	B1-00-G2	19112	89	B1-00-03 B1-U0-G2	20118	93	B1-00-G4 B1-00-G2	21124	98	B1-U0-G2				
			III-M-HS	17608	82	B1-U0-G4	19008	88	B1-U0-G4	20009	93	B1-U0-G4	21009	97	B1-U0-G4				
		0	III-W-HS	17234	80	81-U0-G4	18605	86	B1-U0-G4	19584	91	B1-U0-G4	20564	95	B1-U0-G4				
		1	IV-HS	18187	84	B1-U0-G3	19634	91	B1-U0-G4	20667	96	B1-U0-G4	21701	101	B1-U0-G4				
_			IV-FT-HS	17188	80	B1-U0-G4	18555	86	B1-00-G4	19532	90	B1-U0-G4	20509	95	B1-U0-G4 B4-U0-G4				
		19	II-FR	27354 27536	107	B3-U0-G4 B3-U0-G2	29530 29727	115	B4-U0-G4 B4-U0-G2	31084 31291	121	B4-U0-G4 B4-U0-G2	32638 32856	127	84-00-G4 84-00-G2	1			
		1	II-ML	27355	107	B4-U0-G4	29531	115	B5-U0-G5	31085	121	B5-U0-G5	32639	127	B5-U0-G5	1			
		8		27832	109	B3-U0-G4	30046	117	B3-U0-G4	31627	123	B4-U0-G4	33209	130	B4-U0-G4				
		0. 20	III-W	25841	101	B3-U0-G4	27897	109	B3-U0-G4	29365	115	B3-U0-G5	30634	120	B3-U0-G5				
		8	IV	27622	108	B3-U0-G4	29820	116	B3-U0-G4	31389	122	B4-U0-G4	32959	129	84-U0-G4				
			IV-FT VSQ-N	25163	98	B3-U0-G5 B5-U0-G2	27165	106	B3-U0-G5 B5-U0-G2	28595 32808	112	B3-U0-G5 B5-U0-G2	30024	117	83-U0-G5 85.00.G2				
0	1050	256.4	VSQ-M	28871 28310	113	85-U0-G2 85-U0-G3	31168 30561	122	85-00-G2 85-00-G3	32808 32170	128 125	B5-U0-G2 B5-U0-G4	34448 33779	134	B5-U0-G2 B5-U0-G4	N/A		N/A	
		8	VSQ-W	27634	108	B5-U0-G4	29833	116	B5-U0-G4	31403	120	B5-U0-G5	32973	129	B5-U0-G5				
		i i	II-HS	20005	78	B1-U0-G4	21596	84	B2-U0-G4	22733	89	B2-U0-G4	23870	93	B2-U0-G4				
		1	II-FR-HS	20349	79	B1-U0-G2	21968	86	B1-U0-G2	23124	90	B1-U0-G2	24280	95	B1-U0-G2				
		8	III-M-HS	20239	79	B1-U0-G4	21848	85	81-00-G4	22998	90	B1-U0-G4	24148	94	B1-U0-G4				
		13	III-W-HS	19809	77	B1-U0-G4	21385	83	B1-U0-G4	22511	88	B1-U0-G4	23636	92	B1-U0-G5				
		15	IV-HS	20905	82	B1-U0-G4	22568	88	B1-U0-G4	23756	93	B1-U0-G4	24943	97	B1-U0-G4	1			
		10 U	IV-FT-HS	19756	77	B1-U0-G4	21328	83	B1-U0-G4	22451	88	B1-U0-G5	23573	92	81-U0-G5		1. C		

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### PHOTOMETRIC DATA GUIDE - LUMEN TABLES (RZRM-PLED)

1993	- 70CRI)	30K	(3000K	- 70CRI)	40K	(4000K	(- 70CRI)	50K	(5000K	- 70CRI)	Sunt	Т	RA (590	Dnm)
v	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	System Watts	LUMENS	LPW	BUG RATIN
2	B1-U0-G1	3709	132	81-U0-G1	3904	138	B1-U0-G1	4100	145	B1-U0-G1		1363	68	81-U0-G1
	B1-U0-G1	3734	132	B1-U0-G1	3930	139	B1-U0-G1	4127	146	B1-U0-G1		1372	69	81-U0-G0
-	B2-U0-G2	3709	132	B2-U0-G2	3905	138	B2-U0-G2	4100	145	B2-U0-G2		1363	68	B1-U0-G1
-	B1-U0-G1 B1-U0-G1	3775 3505	134	B1-U0-G1 B1-U0-G1	3973 3689	141	B1-U0-G1 B1-U0-G1	4172 3873	148 137	B1-U0-G1 B1-U0-G1		1387 1289	69 64	B1-U0-G0 B0-U0-G1
	B1-00-G1	3746	133	B1-00-G1	3943	140	B1-00-G1	4140	147	B1-00-G1		1377	69	B1-U0-G1
+	B1-U0-G1	3412	121	B1-U0-G1	3592	127	B1-U0-G1	3771	134	B1-U0-G1		1254	63	B0-U0-G1
	B2-U0-G0	3915	139	B2-U0-G0	4121	146	B2-U0-G0	4327	153	B2-U0-G1	20.0	1439	72	B1-U0-G0
+	B2-U0-G1	3838	136	B2-U0-G1	4041	143	B2-U0-G1	4242	150	B3-U0-G1	20.0	1410	71	B1-U0-G0
+	B3-U0-G1	3748	133	B3-U0-G1	3945	140	B3-U0-G1	4142	147	B3-U0-G1		1377	69	B1-U0-G1
+	80-U0-G1 80-U0-G0	2713 2759	96 98	80-U0-G1 80-U0-G0	2856 2905	101	B0-U0-G1 B0-U0-G0	2998 3050	106	B0-U0-G1 B0-U0-G0		997	50 51	80-U0-G0 80-U0-G0
+	B0-00-50 B0-00-G1	2745	97	B0-U0-G1	2889	102	B0-U0-G1	3034	108	B0-U0-G1		1008	50	B0-U0-G0
+	B0-U0-G1	2686	95	80-U0-G1	2827	100	BO-UO-G1	2969	105	80-U0-G1		987	49	80-U0-G1
	B0-U0-G1	2835	101	80-U0-G1	2984	106	B0-U0-G1	3133	111	B0-U0-G1		1042	52	80-00-G0
	B0-U0-G1	2679	95	B0-U0-G1	2820	100	B0-U0-G1	2961	105	80-U0-G1		985	49	80-U0-G1
+	B1-U0-G1	5298	128	81-U0-G1	5577	134	B1-U0-G1	5856	141	82-U0-G1		1586	51	B1-U0-G1
+	B1-U0-G1 B2-U0-G2	5334 5299	129	B1-U0-G1 B2-U0-G2	5614 5578	135 134	B2-U0-G1 B2-U0-G2	5895 5856	142	B2-U0-G1 B3-U0-G3		1598 1587	52 51	B1-U0-G0 B1-U0-G1
+	B2-00-G2 B1-U0-G1	5392	130	B2-00-G2 B1-U0-G1	5675	134	B2-00-02 B1-U0-G1	5959	141	83-00-63 81-00-62		1615	52	81-00-G0
+	B1-U0-G2	5005	121	B1-U0-G2	5269	127	B1-U0-G2	5533	133	B1-U0-G2		1500	48	80-U0-G1
T	B1-U0-G1	5350	129	B1-U0-G1	5632	136	B1-U0-G1	5913	142	B1-U0-G2		1602	52	81-U0-G1
	B1-U0-G2	4875	117	B1-U0-G2	5131	124	B1-U0-G2	5388	130	B1-U0-G2		1460	47	80-U0-G1
-	B2-U0-G1	5592	135	82-00-G1	5886	142	B2-U0-G1	6181	149	B2-U0-G1	31.0	1676	54	81-U0-G0
+	B3-U0-G1	5484	132	83-00-G1	5772	139	B3-U0-G1	6061	146	83-U0-G1	0.945	1643	53	81-U0-G0
+	B3-U0-G2	5353	129	83-U0-G2	5635	136	B3-U0-G2 B0-U0-C1	5917	143	83-U0-G2		1603	52	81-U0-G1
+	B0-U0-G1 B0-U0-G1	3875 3942	93 95	B0-U0-G1 B0-U0-G1	4079 4150	98 100	B0-U0-G1 B0-U0-G1	4282 4357	103	B0-U0-G1 B0-U0-G1		1161	37	B0-U0-G0 B0-U0-G0
+	B0-U0-G1	3942	94	B0-00-G1	4150	99	B0-00-G1	4333	105	B0-00-G1 B0-00-G2		1181	38	80-00-G0
+	B0-U0-G2	3838	92	B0-U0-G2	4040	97	B0-U0-G2	4242	102	B0-U0-G2		1150	37	B0-U0-G1
+	B0-U0-G1	4050	98	B0-U0-G1	4263	103	B0-U0-G1	4476	108	B0-U0-G1		1213	39	80-U0-G0
	B0-U0-G2	3827	92	B0-U0-G2	4029	97	B0-U0-G2	4230	102	B0-U0-G2	[	1146	37	80-U0-G1
	B2-U0-G1	6774	121	B2-U0-G2	7130	128	B2-U0-G2	7487	134	B2-U0-G2		A. Sharin Income	00-00-0	
+	B2-U0-G1	6819	122	B2-U0-G1	7178	128	B2-U0-G1	7537	135	B2-U0-G1				
+	B3-U0-G3	6774	121	B3-U0-G3	7130	128	B3-U0-G3	7487	134	B3-U0-G3				
+	B2-U0-G2	6893	123	B2-U0-G2	7256	130	B2-U0-G2	7618	136	B2-U0-G2				
+	B1-U0-G2 B2-U0-G2	6399 6841	114	B1-U0-G2 B2-U0-G2	6736 7201	121	B1-U0-G2 B2-U0-G2	7073 7561	127	B1-U0-G2 B2-U0-G2				
+	B2-00-G2 B1-00-G2	6231	111	B2-00-G2 B1-U0-G2	6559	117	B2-00-02 B1-00-G2	6887	123	B2-00-62 B1-00-62				
$^+$	B2-U0-G1	7151	128	82-U0-G1	7527	135	B2-U0-G1	7903	141	B3-U0-G1	10000		10111	
$^{+}$	B3-U0-G1	7011	125	B3-U0-G1	7380	132	B3-U0-G1	7749	139	B3-U0-G2	N/A		N/A	¥
t	B3-U0-G2	6844	122	B3-U0-G2	7204	129	B3-U0-G2	7565	135	B3-U0-G2				
	B1-U0-G1	4954	89	B1-U0-G2	5215	93	B1-U0-G2	5475	98	B1-U0-G2				
_	B0-U0-G1	5040	90	B0-U0-G1	5305	95	B0-U0-G1	5570	100	B0-U0-G1				
+	B0-U0-G2	5012	90	B0-U0-G2	5276	94	80-U0-G2	5539	99	B0-U0-G2				
+	B0-U0-G2 B0-U0-G2	4906 5177	88 93	B0-U0-G2 B0-U0-G2	5164 5450	92 97	B0-U0-G2 B0-U0-G2	5422 5722	97	B0-U0-G2 B0-U0-G2				
+	B0-00-G2 B0-00-G2	4893	88	B0-00-G2 B0-00-G2	5150	92	B0-00-G2 B0-00-G2	5/22	97	B0-00-G2 B0-00-G2				
$^{+}$	B2-U0-G2	7995	118	B2-U0-G2	8416	124	B2-U0-G2	8837	130	B2-U0-G2				
+	82-U0-G1	8049	119	82-U0-G1	8473	125	82-U0-G1	8896	131	82-U0-G1				
	B3-U0-G3	7995	118	B3-U0-G3	8416	124	B3-U0-G3	8837	130	B3-U0-G3				
1	B2-U0-G2	8135	120	B2-U0-G2	8563	126	B2-U0-G2	8992	133	B2-U0-G2				
+	B1-U0-G2	7553	111	B1-U0-G2	7951	117	B2-U0-G2	8348	123	B2-U0-G2				
+	B2-U0-G2	8073	119	B2-U0-G2 B2-U0-G2	8498	125	B2-U0-G2 B2-U0-G2	8923 8129	132	B2-U0-G2 B2-U0-G2				
+	B1-U0-G2 B2-U0-G1	7355 8439	108	82-00-G2 83-00-G1	7742 8883	114	B2-00-G2 B3-00-G1	9327	120	B2-U0-G2 B3-U0-G1				
+	B2-00-G1 B3-U0-G2	8439	124	B3-00-G1 B3-00-G2	8711	128	B3-U0-G1 B3-U0-G2	9146	135	83-00-G1 83-00-G2	N/A		N//	1
t	B3-U0-G2	8078	119	B3-U0-G2	8503	125	B4-U0-G2	8928	132	B4-U0-G2				
I	B1-U0-G2	5847	86	B1-U0-G2	6155	91	B1-U0-G2	6463	95	B1-U0-G2				
Ţ	BO-U0-G1	5948	88	B1-U0-G1	6261	92	B1-U0-G1	6574	97	B1-U0-G1				
+	B0-U0-G2	5916	87	B0-U0-G2	6227	92	BO-UO-G2	6538	96	B0-U0-G2				
+	BO-UO-G2	5790	85	B0-U0-G2	6095	90	BO-UO-G2 BO-UO-G2	6399	94	BO-UO-G2				
+	B0-U0-G2 B0-U0-G2	6110 5775	90 85	B0-U0-G2 B0-U0-G2	6432 6078	95 90	B0-U0-G2 B0-U0-G2	6753 6382	100 94	B0-U0-G2 B0-U0-G2				
t	B2-U0-G2	9190	112	B2-U0-G2	9674	118	B2-U0-G2	10157	124	B0-00-02 B2-00-G2			_	
t	B2-U0-G1	9252	113	B2-U0-G1	9739	119	B2-U0-G1	10225	125	B2-U0-G1				
t	B3-U0-G3	9190	112	B3-U0-G3	9674	118	B3-U0-G3	10157	124	B3-U0-G3				
Ι	B2-U0-G2	9351	114	B2-U0-G2	9843	120	B2-U0-G2	10335	126	B2-U0-G2				
Ţ	B2-U0-G2	8682	106	82-U0-G2	9139	111	B2-U0-G3	9595	117	B2-U0-G3				
+	B2-U0-G2	9280	113	B2-U0-G2	9768	119	B2-U0-G2	10256	125	B2-U0-G2				
+	B2-U0-G2	8454	103	B2-U0-G2	8899	109	B2-U0-G3	9344	114	B2-U0-G3				
+	B3-U0-G1 B3-U0-G2	9700 9512	118	B3-U0-G1 B3-U0-G2	10210	125	B3-U0-G1 B3-U0-G2	10721 10513	131	B3-U0-G1 B3-U0-G2	N/A		N//	1
+	B3-00-G2 B4-00-G2	9285	116	B3-00-G2 B4-00-G2	9773	1122	B3-00-G2 B4-00-G3	10513	128 125	B3-00-G2 B4-00-G3				
+	B1-U0-G2	6721	82	B4-00-G2 B1-00-G2	7075	86	B4-00-G3 B1-00-G2	7429	91	B4-00-G3 B1-00-G2				
+	B1-00-02 B1-00-G1	6837	83	B1-00-G1	7197	88	B1-00-G1	7557	92	B1-00-G1				
1	B0-U0-G2	6799	83	B0-U0-G2	7158	87	B0-U0-G2	7515	92	81-U0-G2				
Т	B0-U0-G2	6655	81	B0-U0-G2	7005	85	B0-U0-G2	7356	90	B0-U0-G2				
- 64	B0-U0-G2	7023 6637	86 81	B0-U0-G2	7393	90	B1-U0-G2	7762	95	B1-U0-G2				
t	B0-U0-G2			B0-U0-G2	6986	85	B1-U0-G3	7336	89	B1-U0-G3				

USA

### LIGHTING

U.S. ARCHITECTURAL

GUIDE - LUMEN TABLES (RZR	-PLED)
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# Hufft

PROJECT INFORMATION: Andy's Frozen Custard Lantana 3800 FM 407, Bartonville, TX 76226

OWNER: ANDY'S FROZEN CUSTARD 211 E. Water Street Springfield, MO 65806

www.eatandys.com

ARCHITECT: HUFFT

3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200 www.hufft.com

STRUCTURAL:

METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

CIVIL: KIMLEY-HORN

13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

MEP:

RTM ENGINEERING CONSULTANTS 3333 E. Battelfield Road, Suite 1000 Springfield, MO 65804 P: 417-881-0020

LANDSCAPE ARCHITECT:

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 LIGHTING CUT SHEETS





Type: Model: Project:

### SPECIFICATION SHEET

### MODEL 1188 Architectural Series • Inground & Well Lights

### FIXTURE SPECIFICATIONS:

DOOR:

Die-cast, low copper content, A360 aluminum. Post anodized Type III (hard anodized) and powder coated for maximum corrosion protection. Captive stainless steel fasteners affixed to a ventilated door. Inner vents

allow hot air to escape from around optic housing while outer vents allow cool air to enter fixture housing. FIXTURE HOUSING:

Compression-molded, glass-reinforced polymer for strength and high UV Specular or semi-specular optics designed for maximum performance and stability. Molded with integral junction box. Unibody construction allows for uniformity. Very Narrow Spot VNS optic incorporates an internal source superior door and optic housing support. J-box comes <u>standard</u> with two shield to eliminate unwanted glare outside the beam pattern. 34" NPT bottom B34 tapped holes. 34" NPT front F34, 34" NPT side S34 and ¾" NPT all A34 conduit entry holes optional (Consult Factory). **OPTIC HOUSING:** 

Die-cast A360 aluminum. Finned for maximum heat disapation. Type III hard anodized and Thermkote treated for maximum corrosion protection. Optic and driver compartment separately sealed while being electrically connected.

### DRIVER COMPARTMENT:

Injection molded PPS for maximum corrosion protection. Driver compartment houses electronic LED driver and thermostat which cuts power to fixture in abnormal ambient temperature conditions. Driver compartment is completely epoxy potted to protect electronics from moisture.

### DOOR FINISH:

Durable powder coat finish available in Black, Architectural Bronze, Dark Bronze, Granite, White, Architectural Brick, Light Bronze, Special Bronze, Glossy Gray Rust Hunter Green Weathered Bronze Weathered Iron Graphite Metallic, Verde, Pewter, Mocha and Olde Finish. Custom Powder coat finishes available on request.

LED: Cree® CXA 3050COB driven at 700mA, 800mA, or 900mA.

CRI: The CRI range is 83 - 84.

### COLOR TEMPERATURE: LED's are offered in 2700°K, 3000°K, 3500°K, 4000°K, or 5000°K CCT

ANSI white 4 step Cree® East White™ bins LIGHT DISTRIBUTION: Very Narrow Spot VNS (NEMA 2x2), Narrow Spot NS (NEMA 2x2),

Medium Flood MF (NEMA 4x4), and Wide Flood WF (NEMA 6x6). **REFLECTOR:** 

LENS/SEAL: 1/2" thick tempered pressed clear glass sealed with a solid molded silicone WIRING:

3' 18/3 outdoor-rated hard usage cable standard for non-dimming ND and Phase Cut TRIAC (120V only) dimming PCT fixtures. 3' 18/5 outdoorrated hard usage cable standard for 0-10V dimming 010 fixtures. Cable exits fixture housing through a liquid tight cable fitting. DRIVER:

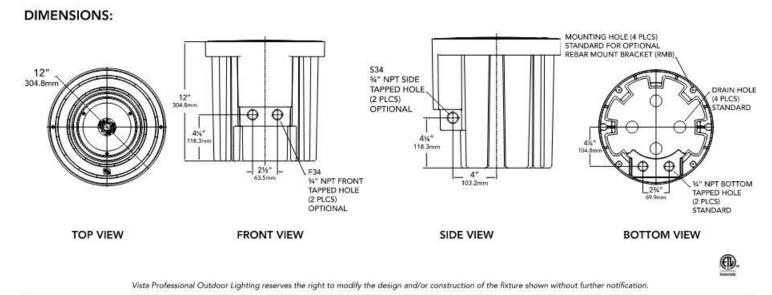
Integral CUL listed LED driver, either non-dimmable ND or dimmable. Dimming: 0-10VDC 010 and Phase Cut TRIAC (120V only) PCT options available. Multi-Volt MV 120V-277V driver input standard. ACCESSORIES:

TO5 - Tilt Optic 5°, TO10 - Tilt Optic 10°, TO15 - Tilt Optic 15°, TO25 -Tilt Optic 25°, DF - Diffuse Filter, LSF - Linear Spread Filter, RBK - Rebar Bracket Kit, STR - Stainless Trim Ring, and HS - Half Glare Shield. Dichroic

Lenses: YL - Yellow, RL - Red, BL - Blue, GL - Green. MOUNTING: Fixture suitable for direct burial in earth or poured concrete applications. CERTIFICATION:

C ETL US wet location listed. IP68

All Vista Architectural luminaires are MADE IN THE U.S.A.



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LED:

### SPECIFICATION SHEET

MODEL 1188 Architectural Series • Inground & Well Lights LAMP SPECIFICATIONS

High lumen output LED powered for high efficacy

- Cree® CXA 3050 COB driven at 700mA, 800mA, or 900mA. 2700°K, 3000°K, 3500°K, 4000°K, or 5000°K CCT ANSI white 4 step
- Cree® Easy White™ bins. 1150- 3248 Delivered Lumens
- 25-35 Watts **OPTICS/AIMING:**
- Specular or semi-specular optics designed for maximum performance and uniformity.
- Very Narrow Spot VNS (NEMA 2x2), Narrow Spot NS (NEMA 2x2), Medium Flood MF (NEMA 4x4), and Wide Flood WF (NEMA 6x6).

### Fixture aiming achieved via a series of tilt optic lenses and patent pending magnetic aiming system.

FIXTURE ORDERING INFORMATION

TO ORDER FIXTURE: Select appropriate choice from each column as in the following example.

188-GG-NS-30-A-M	IV-CX-ND-F34-TO5
1	

MODEL	DOOF	FINISH	DISTRIB	UTION	COLO	OR TEMPERATURE	DELIVERED LUMENS	
1188	Z - Arc DZ - D GT - C W - W BR - A LZ - Li SB - Sj GG - C R - Ru HG - H WB - V WI - W GM - C G - Ve P - Per M - M	StandardB - BlackZ - Architectural BronzeDZ - Dark BronzeGT - GraniteW - WhitePremiumBR - Architectural BrickLZ - Light BronzeSB - Special BronzeGG - Glossy GrayR - RustHG - Hunter GreenWB - Weathered BronzeWI - Weathered IronGM - Graphite MetallicHand FinishedG - VerdeP - PewterM - MochaOF - Olde Finish		VNS - Very Narrow Spot NS - Narrow Spot MF - Medium Flood WF - Wide Flood		2700°K 3000°K 3500°K 4000°K 5000°K	A - 1500-2000 B 2000- 2500 C - 2500-3000 1188-VNS not available wit B & C lumen packages.	
VOLTAGE	LENS	DIMMING		CONDUIT ENTRIE	s	ACCESSORIES		
MV - Multi-Volt (120V-277V)	CX - Crowned Clea AX - Anti Slip Clear		5 <b>1</b>	B34 - Bottom ¾ " (standard) F34 - Front ¾" S34 - Sides ¾" A34 - All ¾" (available as an opt (Consult Factory)	tion) TO5 - Tilt Optic 5° TO5 - Tilt Optic 5° TO10 - Tilt Optic 10° TO15 - Tilt Optic 10° TO25 - Tilt Optic 15° TO25 - Tilt Optic 25° TF - Diffuse Filter LSF - Linear Spread Filter GL - Green Lens *Colored Lenses			

Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification. 1625 Surveyor Avenue • Simi Valley, CA 93063 • (805) 527-0987 • (800) 766-VISTA (8478) FAX: (888) 670-VISTA (8478) • email@vistapro.com • www.vistapro.com

- ELECTRICAL: Constant current 700mA, 800mA, or 900mA output driver.
- Multi-Volt MV 120V-277V universal input. 3' 18/3 outdoor-rated hard usage cable standard for non-dimming
- fixtures and Phase Cut TRIAC PCT dimming fixtures. • 3' 18/5 outdoor-rated hard usage cable standard for 0-10V dimming fixtures.
- 1188 SERIES-LOAD RATING:
- Peak compressive force of 8,000 lbs. This represents 95% of max load to load failure on average. Independent tests performed by SGS US Testing Company, Inc., an ISO 17025 accredited National Testing Laboratory.



### SPECIFICATION SHEET

MODEL 1188 Architectural Series • Inground & Well Lights LUMEN OUTPUT PACKAGES Watts Lumens

Beam Spread	A	В	
VNS	34.9 Watts 1698.9 Lumens		
NS	31.5 Watts 2180 Lumens	35.9 Watts 2488 Lumens	36.7 Wat
MF	30.7 Watts 2120 Lumens	35.0 Watts 2418 Lumens	35.8 Wat
WF	32.4 Watts 2532 Lumens	37.0 Watts 2891 Lumens	37.8 Wat

# Hufft

PROJECT INFORMATION: Andy's Frozen Custard Lantana 3800 FM 407,

Bartonville, TX 76226 OWNER: ANDY'S FROZEN CUSTARD 211 E. Water Street Springfield, MO 65806

www.eatandys.com ARCHITECT: HUFFT

3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200 www.hufft.com

STRUCTURAL: METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

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MEP: RTM ENGINEERING CONSULTANTS 3333 E. Battelfield Road, Suite 1000 Springfield, MO 65804 P: 417-881-0020

LANDSCAPE ARCHITECT: KIMLEY-HORN 13455 Noel Road - Suite 700

TX, Dallas 75240 P: 972.770.1300

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Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 LIGHTING CUT SHEETS

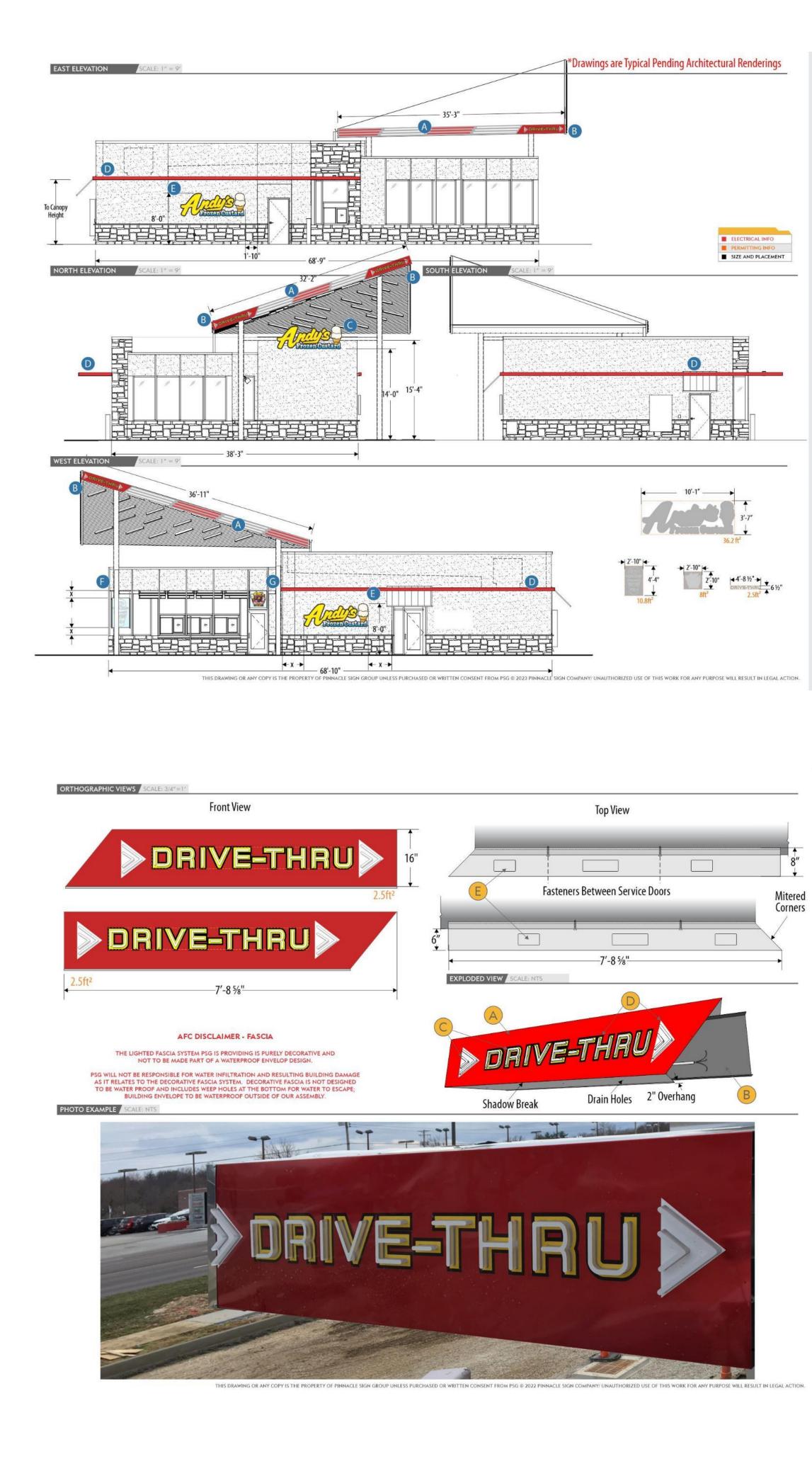


С 2796 Lum 2718 Lumen# 3248 Lumer

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1188 3.20.20



G R O U P
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026-23-ELEV-1	AS SHOWN	
RAWING NUMBER	ELEVATION	
0.27.23MW		
ATE REVISED		
	PROJECT MANAG	
LANTANA, BARTONSV		
DCATION		
GN SCHEDULE		QUANTITY
BUILDING SIGNAGE		
BUILDING SIGNAGE	-	
Reverse Channel II	luminated	11
Fascia Cabinets (AFC-OPT-FASC-3)		Sections
LED Illuminated Cor (AFC-OPT-FASC-1)	rner Fascia Cab	inets 4 Sections
Internally Lit Chanr (AFC-OPT-EWAL-2)	1	
LED Accent Light Bo (1026-23-BAND-1)	and	140 Linear Feet
Internally Lit Chanr (1026-23-EWAL-1)	nel Cabinets	2
WINDOW SIGNAGE		
Neon "Made Fresh (AFC-STND-IWAL-2)	Hourly" Sign	1
Neon "Sprecher" S (AFC-STND-IWAL-3)	ign	1

AFC-OPT-FASC-1

DEREK CROUCH

Access Panel

ATTACHMENT METHOD

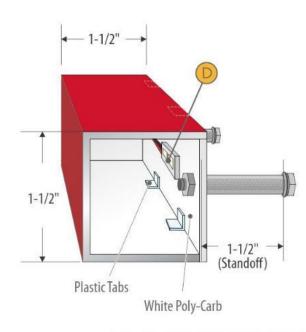
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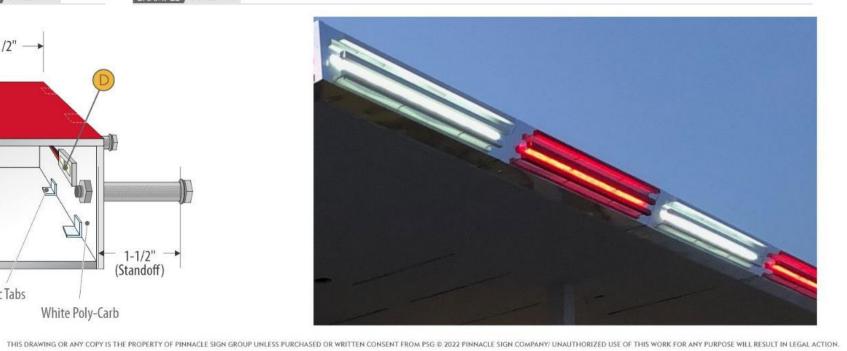
03.21.23 DATE REVISED

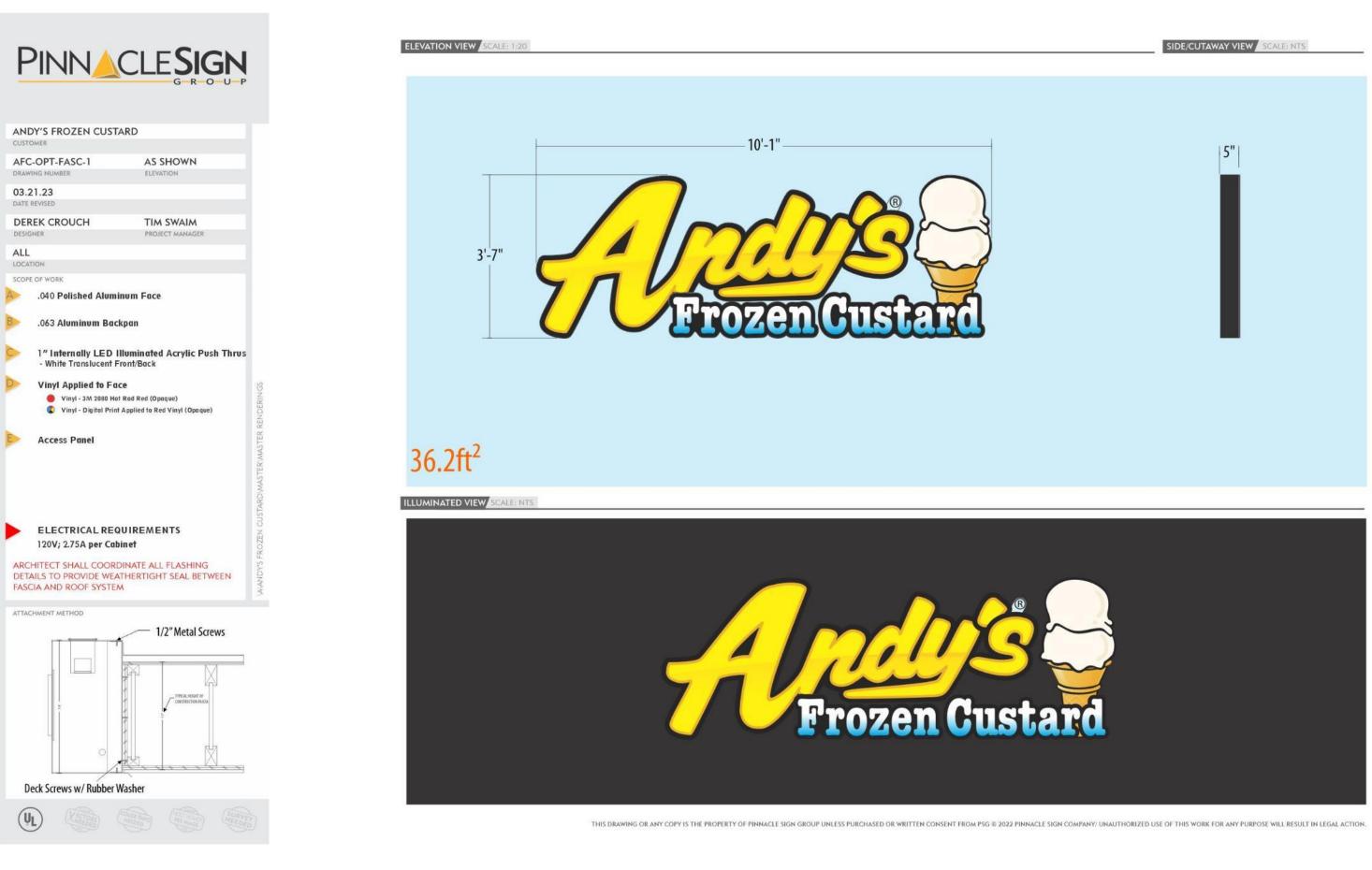
DESIGNER ALL

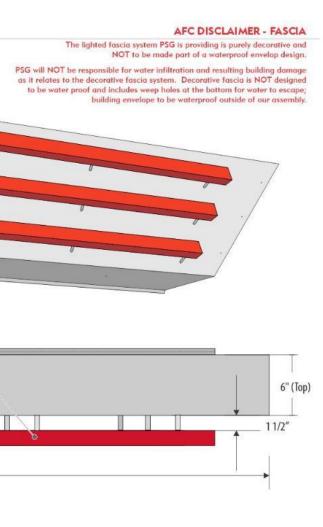
LOCATION SCOPE OF WORK ORTHOGRAPHIC VIEWS SCALE: NTS drain holes varies by location

EXAMPLE SCALE NTS MENT DETAIL

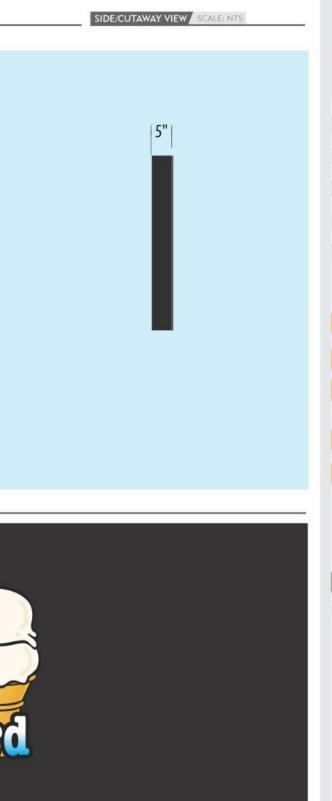








P	INN	CL		<b>SN</b>
CUSTOME	'S FROZEN CU	STARD		
	PT-FASC-3		SHOWN	
09.27. DATE REV				
DEREM	K CROUCH	3134332	A SWAIM	
ALL	N			
SCOPE OF				
	040 Polished Alu			
B .(	063 Aluminum B	ackpan		
Þ F	Painted Alumin Paint - White (0 Paint - MP 102)	Hoss)		erings
I	LED - White	hting		MASTER REND
	Access Panel			AANDYS FROZEN CUSTARDWASTERWASTER RENDERINGS
ATTACHM	IENT METHOD		1/2" Metal Scre	NWC
		1	1/2 metal sere	
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		V V N	TIPICAL HEART OF CONSTRUCTION PASCON	
	e o			]
Deck	Screws w/ Rubb	er Washer		
UL	X			



	CLE SIGN
ANDY'S FROZEN CUSTA CUSTOMER 1026-23-EWAL-1	AS SHOWN
DRAWING NUMBER 10.26.23 DATE REVISED	ELEVATION
DEREK CROUCH DESIGNER LANTANA, BARTONSVI	TIM SWAIM PROJECT MANAGER
LOCATION SCOPE OF WORK Internally Illuminated	d Channel Cabinets
Acrylic Faces Vinyl - Digital Print Flush mounted to l Clear acrylic tab fo - Vinyl applied to acryli Vinyl - Black Acrylic - Clear	or Register Trademark
ATTACHMENT METHOD	

Andy's Frozen Custard
3800 FM 407, Bartonville, TX 76226
OWNER:
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211 E. Water Street Springfield, MO 65806
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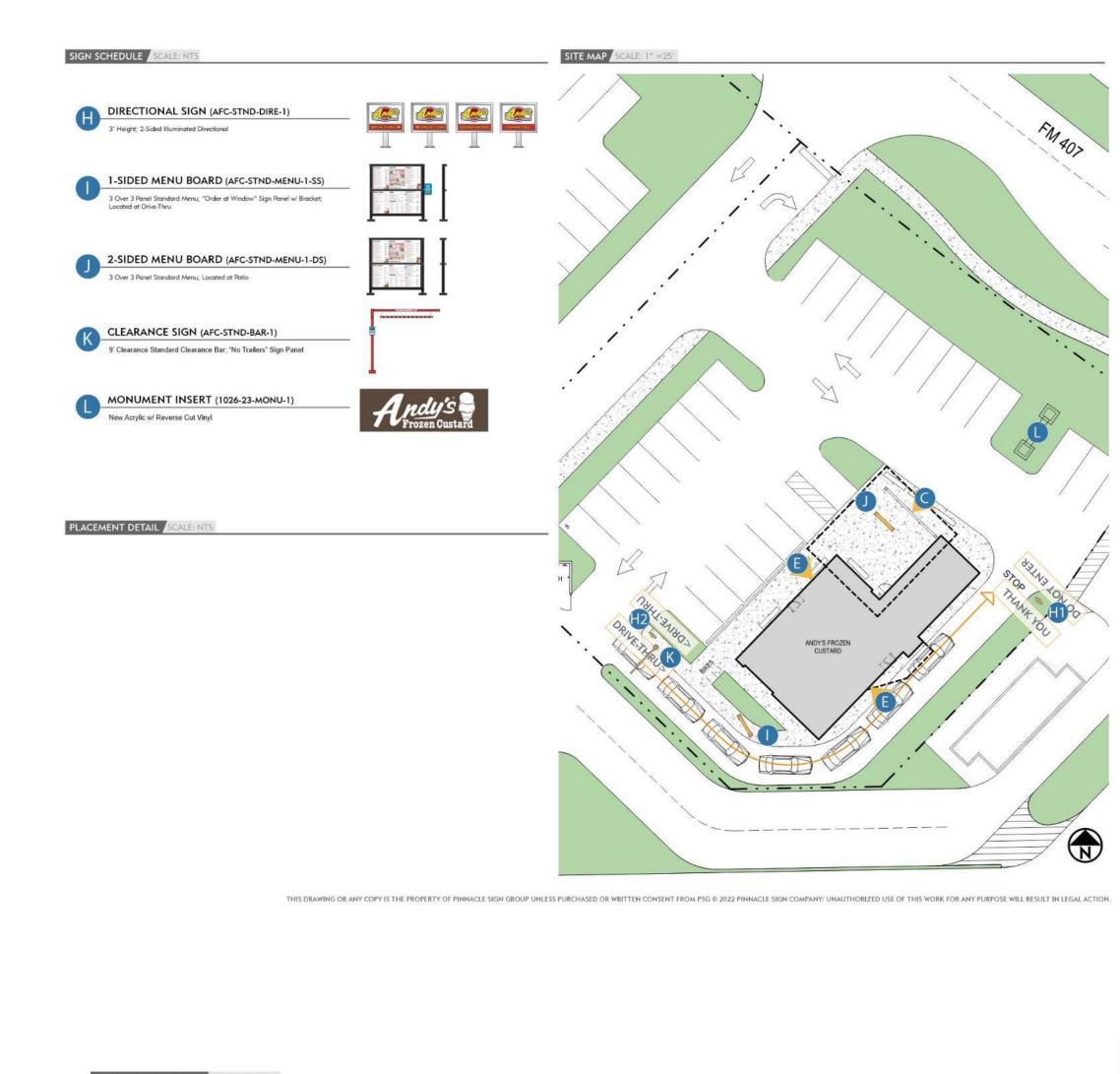
Hufft

PROJECT INFORMATION:



Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 BUILDING SIGNAGE







Center Light Shield

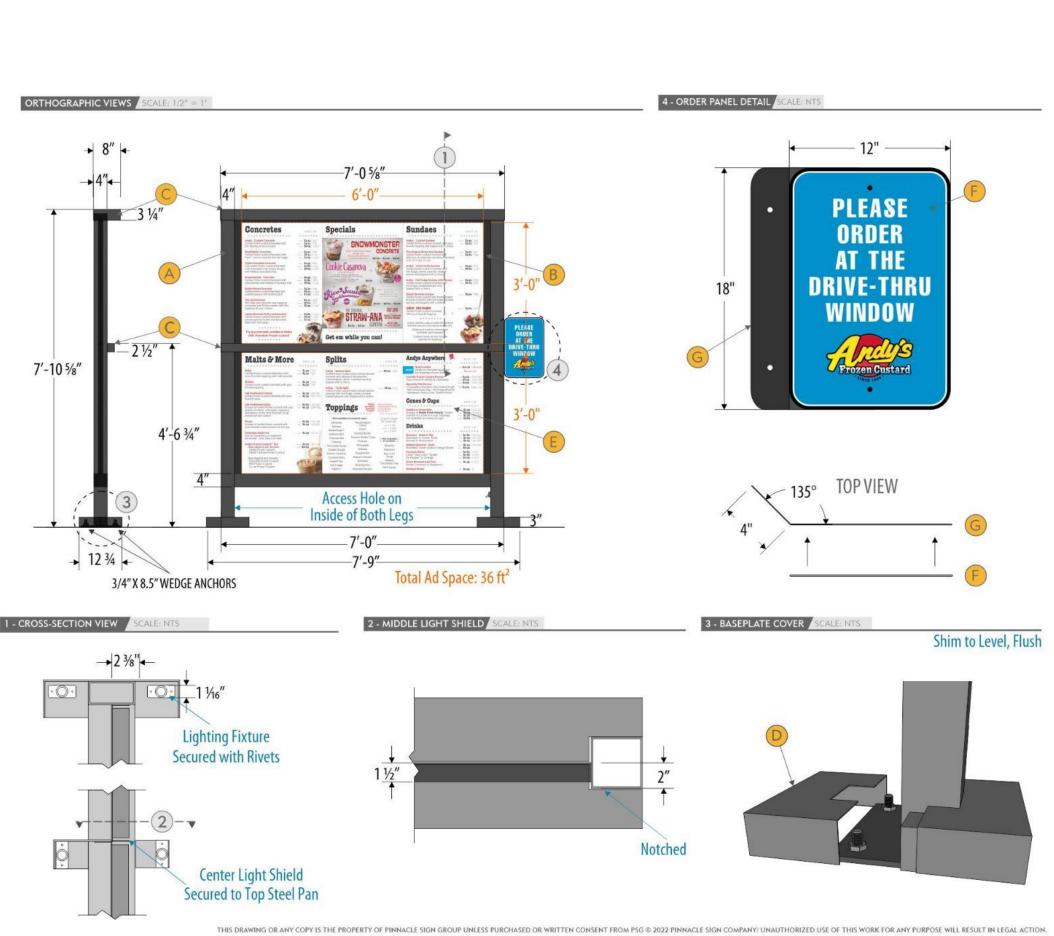
Secured to Top Steel Pan

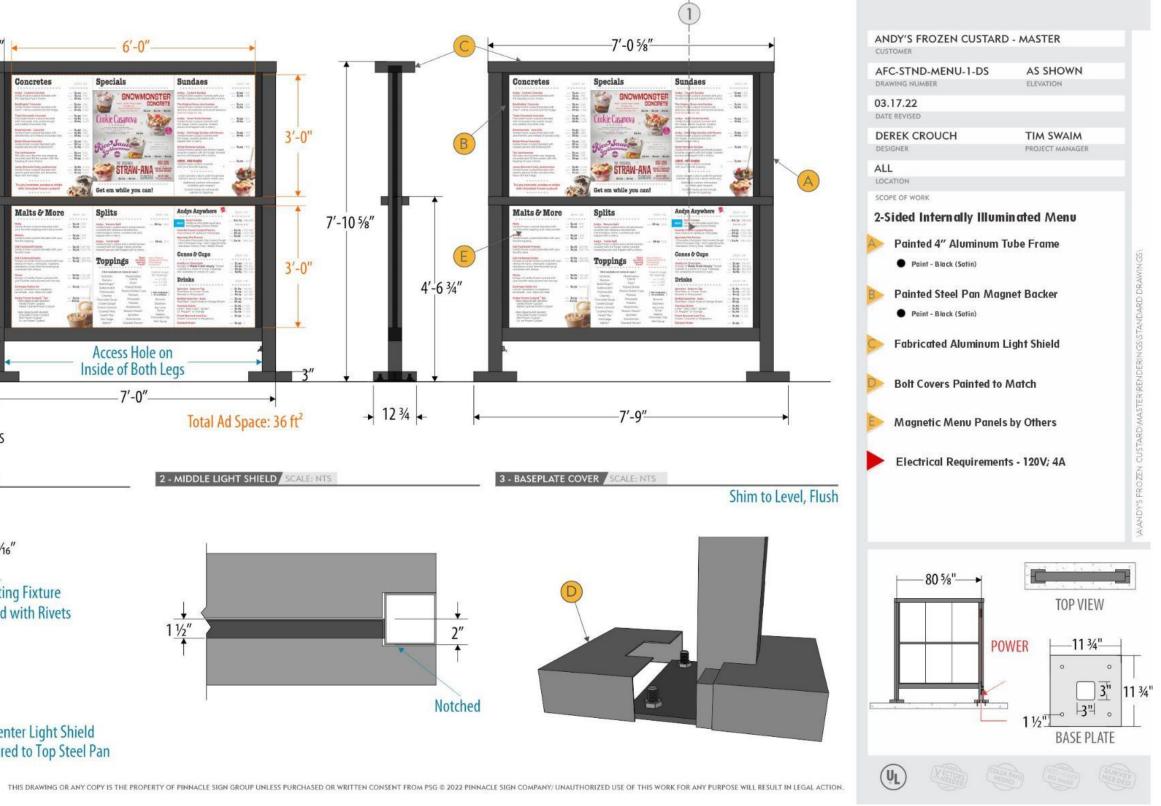
Notched

ANDY'S FROZEN CUST CUSTOMER	TARD		
1026-23-SITE-1 DRAWING NUMBER	AS SHOWN ELEVATION		
10.26.23 DATE REVISED			
DEREK CROUCH DESIGNER	TIM SWAIM PROJECT MANAGER		
LANTANA, BARTONS	VILLE, TX		
SIGN SCHEDULE		QUANTITY	
BUILDING SIGNAG	iΕ		
Internally Lit Chann (AFC-OPT-EWAL-2)	1		
Internally Lit Char (1026-23-EWAL-1)	nnel Cabinets	2	
DETACHED SIGNA	GE		
2-Sided Illuminated (AFC-STND-DIRE-1)	2		
1-Sided Menu Boar (AFC-STND-MENU-1-SS (AFC-STND-MENU-1-SS)		1	
2-Sided Menu Boar (AFC-STND-MENU-1-D) (AFC-STND-MENU-1-D)		1	
Clearance Bar (AFC-STND-BAR-1)		1	
Monument Reface (1026-23-MONU-1)		1	

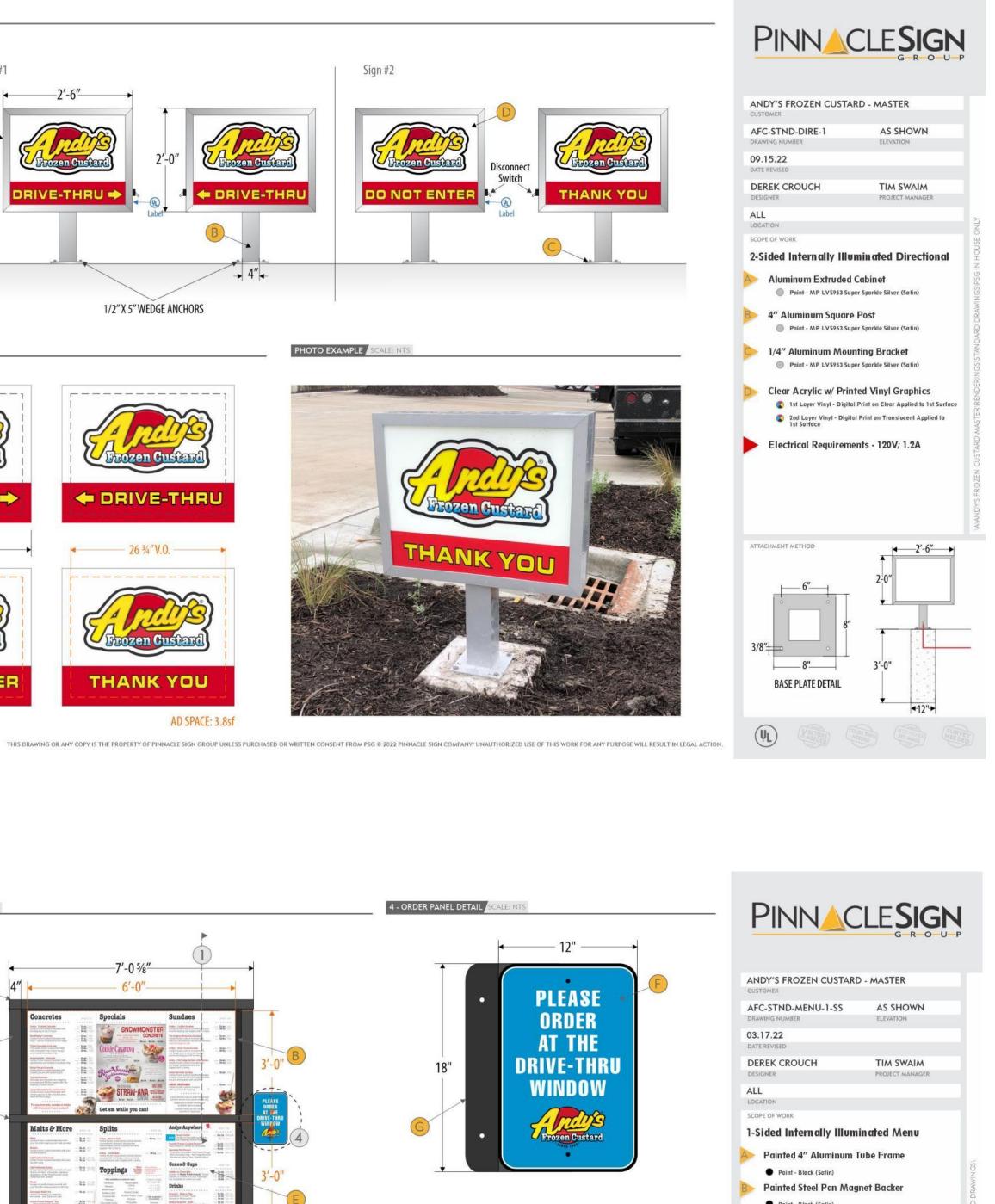


AD SPACE: 3.8sf



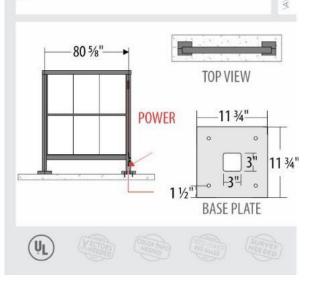


PINN<u></u>CLE**SIGN** 





Electrical Requirements - 120V; 2A



# Hufft

PROJECT INFORMATION: Andy's Frozen Custard Lantana

3800 FM 407, Bartonville, TX 76226 OWNER: ANDY'S FROZEN CUSTARD

211 E. Water Street Springfield, MO 65806

ARCHITECT: HUFFT

www.eatandys.com

3612 Karnes Boulevard Kansas City, MO 64111 P: 816-531-0200 www.hufft.com

STRUCTURAL: METTEMEYER ENGINEERING, LLC 2225 W. Chesterfield Blvd., Suite 300 Springfield, MO 65807 P: 417-890-8002

CIVIL: KIMLEY-HORN 13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

MEP: RTM ENGINEERING CONSULTANTS 3333 E. Battelfield Road, Suite 1000 Springfield, MO 65804 P: 417-881-0020

LANDSCAPE ARCHITECT: KIMLEY-HORN

13455 Noel Road - Suite 700 TX, Dallas 75240 P: 972.770.1300

ISSUE: CONSTRUCTION DOCUMENTS 11/6/2023

**REVISION SCHEDULE:** ISSUE NO. DATE

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THIS DRAWING MAY BE PART of an integrated set of Construction Documents, including the Contract, the Conditions and the Specifications. The Contract Documents are complementary: what is required by one is as binding as if required by all. Application of a material or equipment item to Work installed by others constitutes acceptance of that Work. Calculate and measure dimensions – DO NOT SCALE DRAWINGS unless directed by the Architect to do so. Dimensions indicated are to the face of a material, unless noted otherwise.



Architect: ??? License Number: xxx Drawn By: MS Project Number: 717 BUILDING SIGNAGE



# Exhibit 2



December 20, 2023

[NAME] [ADDRESS] [CITY], [STATE] [ZIP]

Re: Proposed Conditional Use Permit and Site Plan for Andy's Frozen Custard

Dear [NAME],

The Planning and Zoning Commission for the Town of Bartonville, Texas will conduct a public hearing at 7:00pm on January 3, 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider recommendations to the Town Council regarding an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through on a 1.34-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas. The subject property is located west of the intersection of Justin Road and E Jeter Road, in Bartonville, Texas. The applicant is Jennifer Gansert of Kimley-Horn and Associates, Inc. The Town of Bartonville file number for this application is CUP-2023-006;

and a Resolution approving a Site Plan for the same property described above, containing a restaurant with a drive-through and other site appurtenances. The Town of Bartonville file number for this application is SP-2023-003.

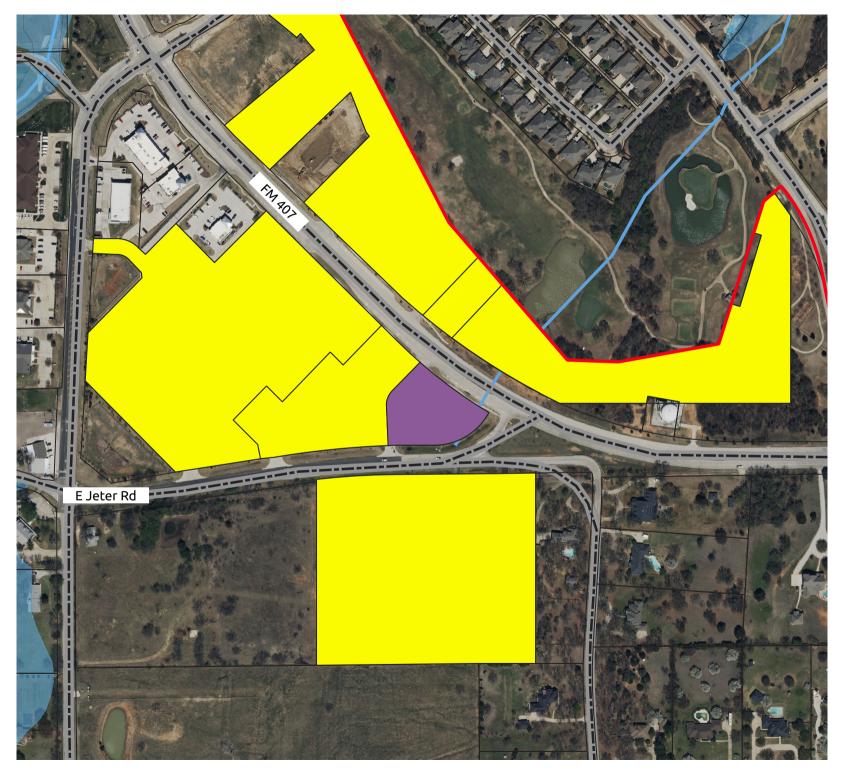
The Town Council will conduct a second Public Hearing at 6:30pm on January 16, 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider the proposed Conditional Use Permit and Site Plan, and recommendations of the Planning and Zoning Commission. All interested parties are encouraged to attend.

Sincerely,

Thad Chambers, CPM Town Administrator Town of Bartonville

enclosure

NAME	NAME 2	ADDRESS	CITY	STATE	ZIP
FIRST CHURCH NAZARENE		2200 E JETER RD	BARTONVILLE	ΤX	76226-8439
KROGER TEXAS LP	C/O REAL ESTATE DEPARTMENT	751 FREEPORT PKWY	COPPELL	TX	75019-4411
A-S 114 LANTANA TOWN CENTER LP		8827 W SAM HOUSTON PKWY N STE 200	HOUSTON	ТΧ	77040-5383
DENTON COUNTY FRESH WATER SUPPLY DIST NO 7	C/O CLAY E CRAWFORD	19 BRIAR HOLLOW LN STE 245	HOUSTON	ТΧ	77027-2858
A-S 114 LANTANA TC PHASE 2 LP		8827 W SAM HOUSTON PKWY N STE 200	HOUSTON	ТΧ	77040-5383



Andy's Frozen Cuscura Conditional Use Permit and Site Plan

Town File # CUP-2023-006, SP-2023-003





0 250 500 ft

## Exhibit 3

#### Denton Record-Chronicle 3555 Duchess Drive (940) 387-7755

I, Ayesha Carletta M Cochran-Worthen, of lawful age, being duly sworn upon oath depose and say that I am an agent of Column Software, PBC, duly appointed and authorized agent of the Publisher of Denton Record-Chronicle, a publication that is a "legal newspaper" as that phrase is defined for the city of Denton, for the County of Denton, in the state of Texas, that this affidavit is Page 1 of 1 with the full text of the sworn-to notice set forth on the pages that follow, and that the attachment hereto contains the correct copy of what was published in said legal newspaper in consecutive issues on the following dates:

#### PUBLICATION DATES:

Dec. 23, 2023

Notice ID: VjizkH7QQviOcgRHKVPm Notice Name: 12232023 Andy's CUP & SP Newspaper Notice

PUBLICATION FEE: \$61.76

I declare under penalty of perjury that the foregoing is true and correct.

<u>Ayesha Carletta M Coohran-Worthen</u> Agent

SHANNEA H HOLMES NOTARY PUBLIC STATE OF NEW JERSEY My Commission Expires August 1, 2026

#### VERIFICATION

State of New Jersey County of Hudson

Signed or attested before me on this: 12/27/2023

Harrea A. Holmes

Notary Public This notarial act involved the use of communication technology

#### IOWN OF BARTONVILLE NOTICE OF PUBLIC HEARING

The Planning and Zoning Commission for the Town of Bartonville, Texas will conduct a public hearing at 7:00 p.m. on January 3. 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider recommendations to the Town Council regarding an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through on a 1.34-acre tract or parcel of land situated in Lot 3. Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County Texas. The subject property is located west of the intersection of Justin Road and F Jeter Road, in Bartonville, Texas. The applicant is Jennifer Gansert of Kimlev-Horn and Associates Inc. The Town of Bartonville file number for this application is CUP-2023-006: and a Resolution approving a Site Plan for the same property described above containing a restaurant with a drive-thro ugh and other site appurtenan ces. The Town of Bartonville file number for this application is SP-2023-003. The Town Council will conduct a second Public Hearing at 6:30 p.m. on January 16, 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas to hear public comment and consider the proposed Conditional Use Permit and Site Plan, and recommenda tions of the Planning and Zoning Commission. All interested parties are encouraged to attend.

drc 12/23/2023

#### TOWN OF BARTONVILLE ORDINANCE NO. -24

AN ORDINANCE OF THE TOWN OF BARTONVILLE, TEXAS, AMENDING THE TOWN OF BARTONVILLE CODE OF ORDINANCES, CHAPTER 14, ARTICLE 14.02, EXHIBIT "A," ORDINANCE NO. 361-05, THE ZONING ORDINANCE. BY AMENDING CHAPTER 13, GENERAL COMMERCIAL DISTRICT (GC), ARTICLE 13.2, USES PERMITTED, BY GRANTING A CONDITIONAL USE PERMIT TO ALLOW FOR THE OPERATION OF A RESTAURANT WITH DRIVE-THROUGH USE, AND APPROVING AN ACCOMPANYING SITE PLAN, ON AN APPROXIMATELY 1.34-ACRE SITE SITUATED IN LOT 3, BLOCK A, OF DCFWSD #7 RETAIL CENTER ADDITION, IN THE LANTANA TOWN CENTER, LOCATED WEST OF THE INTERSECTION OF JUSTIN ROAD AND E. JETER ROAD IN BARTONVILLE; PROVIDING FOR THE REPEAL OF ALL OTHER ORDINANCES IN CONFLICT WITH THIS ORDINANCE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR ENGROSSMENT AND ENROLLMENT; PROVIDING FOR NO VESTED RIGHTS; PROVIDING FOR A PENALTY; PROVIDING FOR PUBLICATION; AND **PROVIDING FOR AN EFFECTIVE DATE.** 

WHEREAS, the Town of Bartonville, Texas, is a Type A General Law Municipality located in Denton County, Texas, created in accordance with provisions of the Texas Local Government Code and operating pursuant to the enabling legislation of the State of Texas; and

WHEREAS, the Town of Bartonville, Texas, as a general law municipality, is empowered under the Texas Local Government Code, Section 51.001, to adopt an ordinance or rule that is for the good government of the Town; and

WHEREAS, the Planning and Zoning Commission of the Town of Bartonville and the Town Council of the Town of Bartonville, in compliance with state law with reference to amending the Zoning Ordinance, have given the requisite notice by publication and otherwise, and after holding due public hearings and affording full and fair hearings to all property owners generally, the Town Council of the Town of Bartonville, Texas, is of the opinion that said zoning ordinance should be amended as provided herein.

## NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF BARTONVILLE, TEXAS, THAT:

#### SECTION 1. INCORPORATION OF PREMISES

The above and foregoing premises are true and correct legislative determinations and are incorporated herein and made a part hereof for all purposes.

Item I1.

#### SECTION 2. CUP GRANTED

The Zoning Ordinance for the Town of Bartonville, Texas, as amended, is hereby amended by granting CUP-2023-0006, a Conditional Use Permit (CUP) to allow for the operation of a restaurant with drive-through use on an approximately 1.34-acre tract of land that is situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Lantana Town Center, generally located west of the intersection of Justin Road and E. Jeter Road, in Bartonville, Texas. The official zoning map of the Town of Bartonville, Texas, shall be amended to reflect the CUP granted by this Ordinance.

### SECTION 3. SITE PLAN APPROVED

Accompanying the CUP that is approved by this Ordinance is Site Plan SP-2023-003, required to provide the necessary site detail to develop the area in accordance with the CUP and applicable development standards. Site Plan SP-2023-003 is hereby approved, with the following added conditions:

- All parking area lighting shall be installed and operated so as not to reflect or shine on adjacent properties and in accordance with the standards established in Bartonville Zoning Ordinance Section 13.3.7 and Bartonville Zoning Ordinance Chapter 28.
- 2. The trash receptacle shall be screened with an eight-foot-tall screen constructed of masonry materials of like and similar materials to those of the primary structure.

### SECTION 4. REPEAL OF CONFLICTING ORDINANCES

This Ordinance shall be cumulative of all provisions of Ordinances of the Town except where the provisions of this Ordinance are in direct conflict with the provisions of such Ordinances, in which event the conflicting provisions of such Ordinances are hereby repealed.

#### SECTION 5. SEVERABILITY

It is hereby declared to be the intention of the Town Council of the Town of Bartonville, Texas, that the phrases, clauses, sentences, paragraphs, and sections of this Ordinance are severable, and if any phrase, clause, sentence, paragraph, or section of this Ordinance should be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, or sections of this Ordinance, since

Item I1.

the same would have been enacted by the Town Council without incorporation in this Ordinance of such unconstitutional phrase, clause, sentence, paragraph, or section.

#### SECTION 6. SAVINGS

An offense committed before the effective date of this Ordinance is governed by prior law and the provisions of the Town of Bartonville Code of Ordinances, as amended, in effect when the offense was committed, and the former law is continued in effect for this purpose.

### SECTION 7. ENGROSS AND ENROLL

The Town Secretary of the Town of Bartonville is hereby directed to engross and enroll this Ordinance by copying the exact Caption and the Effective Date clause in the minutes of the Town Council of the Town of Bartonville and by filing this Ordinance in the Ordinance records of the Town.

### SECTION 8. PUBLICATION

The Town Secretary of the Town of Bartonville is hereby directed to publish in the Official Newspaper of the Town of Bartonville the Caption and the Effective Date of this Ordinance for two (2) days.

#### SECTION 9. PENALTY

Any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the Bartonville Zoning Ordinance as previously amended, and upon conviction shall be punished by a fine not to exceed the sum of Two Thousand Dollars (\$2,000) for each offense.

### SECTION 10. NO VESTED RIGHTS

No person or entity shall acquire any vested rights in this Ordinance or any specific regulations contained herein. This Ordinance and any regulations may be amended or repealed by the Town Council of the Town of Bartonville, Texas, in the manner provided by law.

#### SECTION 11. EFFECTIVE DATE

This Ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such case provides.

### AND IT SO ORDAINED.

**DULY PASSED AND APPROVED** by the Town Council of the Town of Bartonville, Texas, on the 16th day of January, 2024.

APPROVED:

Jaclyn Carrington, Mayor

ATTEST:

Shannon Montgomery, TRMC, Town Secretary



## TOWN COUNCIL COMMUNICATION

DATE January 16, 2024

FROM: Thad Chambers, Town Administrator

AGENDA ITEM: Conduct a Public Hearing and consider an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through and approving an accompanying Site Plan on a 0.75-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas. The subject property is located west of the intersection of Justin Road and E Jeter Road, in Bartonville, Texas. The applicant is Rama Madanat of Bowman Engineering & Consulting, Inc. on behalf of Swig Bartonville. [Town File #CUP-2023-007 and SP-2023-004]. (The Planning & Zoning Commission recommended approval, with conditions, by a vote of 5-0 at its January 3, 2024, meeting.)

Applicant: Kofi Addo of Bowman Engineering & Consulting, Inc.

#### Zoning: General Commercial District (GC)

**Summary:** The applicant has applied for a Conditional Use Permit (CUP) to authorize a drive through use on an approximately 0.75-acre site located within the Lantana Town Center. The specific location for the site is Lot 3, Block A, of DCFWSD #7 Retail Center Addition. The proposed development is for a 740 square-foot Swig drive-through restaurant. Per the applicant, this restaurant will not provide any indoor or outdoor seating; it is purely a drive-through restaurant.

#### Conditional Use Permit

Bartonville Zoning Ordinance Section 16.10 lists the criteria for approval of a proposed conditional use permit:

- 1. The proposed use at the specified location is consistent with the policies embodied in the adopted Comprehensive Plan;
- 2. The proposed use is consistent with the general purpose and intent of the applicable zoning district regulations;
- 3. The proposed use is compatible with and preserves the character and integrity of adjacent development and neighborhood and includes improvements either on-site or within the public rights-of-way to mitigate development-related adverse impacts, such as traffic, noise, odors, visual nuisances, drainage or other similar adverse effects to adjacent development and neighborhoods;

- The proposed use does not generate pedestrian and vehicular traffic which will be hazardous<sup>L</sup>or conflict with the existing and anticipated traffic in the neighborhood;
- 5. The proposed use incorporates roadway adjustments, traffic-control devices or mechanisms, and access restrictions to control traffic flow or divert traffic as may be needed to reduce or eliminate development generated traffic on neighborhood streets;
- 6. The proposed use incorporates features to minimize adverse effects, including visual impacts, of the proposed conditional use on adjacent properties; and
- 7. The proposed use meets the standards for the zoning district, or to the extent variations from such standards have been requested, that such variations are necessary to render the use compatible with adjoining development and the neighborhood.

The CUP application is for a proposed drive-through restaurant. Bartonville Comprehensive Plan Objective 3.1 advises the Town to limit non-residential uses to nodal development targeted at appropriate intersections along the FM 407 corridor and the McMakin Road/East Jeter Road intersection. The Lantana Town Center Development is found within this location, with the proposed site being at the intersection of FM 407 and E Jeter Road. With a land use designation of General Commercial, the proposed use is in line with the Bartonville Comprehensive Plan. In addition, with a zoning classification of the subject property of General Commercial, which is described as providing "for larger scale office, retail and service uses intended to serve a regional consumer base," the proposed use is in conformance with the current zoning. With these findings, approval criteria 1 and 2 are met.

The proposed drive-through restaurant use is to be located within a highly confined commercial node within Lantana Town Center. Its location along FM 407 provides for a regional customer base and is complementary to the surrounding commercial development. The proposed use would not be compatible in other zoning districts or locations within the town. The site is accessed solely from the existing primary access drive within Lantana Town Center. The southern driveway into the site is located approximately 37 feet from the intersection of the primary access drive and E Jeter Road; the minimum spacing for driveways from an intersection is 50 feet. However, there is an existing drive aisle immediately opposite the proposed access location. The avoidance of a driveway offset is a more impactful safety mitigation than setting back a new driveway at least 50 feet. The driveway location and maintenance internal drive aisle with two access points ensures mitigation of traffic impacts on local streets. With these findings, criteria 3 through 7 are met.

#### Site Plan

The Site Plan submitted with the CUP application was reviewed concurrently with the CUP in reference to the following approval criteria:

- 1. The plan's compliance with all provisions of the Zoning Ordinance and other ordinances of the Town of Bartonville.
- 2. The impact of the development relating to the preservation of existing natural resources on the site and the impact on the natural resources of the surrounding properties and neighborhood.
- 3. The relationship of the development to adjacent uses in terms of harmonious design, facade treatment, setbacks, building materials, maintenance of property values, and any possible negative impacts.
- 4. The provision of a safe and efficient vehicular and pedestrian circulation system.

- 5. The design and location of off-street parking and loading facilities to ensure that all such spaces are usable and are safely and conveniently arranged.
- 6. The sufficient width and suitable grade and location of streets designed to accommodate prospective traffic and to provide access for firefighting and emergency equipment to buildings.
- 7. The coordination of streets so as to arrange a convenient system consistent with the Thoroughfare Plan of the Town of Bartonville, as amended.
- 8. The use of landscaping and screening to provide adequate buffers to shield lights, noise, movement, or activities on adjacent properties when necessary, and to complement and integrate the design and location of buildings into the overall site design.
- 9. Exterior lighting to ensure safe movement and for security purposes, which shall be arranged so as to minimize glare and reflection upon adjacent properties.
- 10. The location, size, accessibility, and configuration of open space areas to ensure that such areas are suitable for intended recreation and conservation uses.
- 11. Protection and conservation of soils from erosion by wind or water or from excavation or grading.
- 12. Protection and conservation of watercourses and areas that are subject to flooding.
- 13. Provision of the adequate capacity of public or private facilities for water, sewer, paved access to and through the development, electricity, storm drainage, and adequate traffic management.
- 14. Consistency with the Comprehensive Plan of the Town of Bartonville, as amended.
- 15. In approving a Site Plan, the Town Council may impose additional reasonable conditions necessary to protect the public interest and welfare of the community.

Conformance with approval criteria 1, 7, and 14 have already been addressed in the CUP section above. Criteria 2, 10, 11, and 12 are not applicable to this project. The building is oriented such that the drivethrough is perpendicular to FM 407 and parallel to E Jeter Road. However, FM 407 being the primary street frontage, the relationship of the drive-through is referenced from it rather than E Jeter Road. Parking is located along the northern end of the site, separated by landscaped areas. These landscaped areas (see Exhibit 1) provide trees and shrubs along FM 407 and E Jeter Road as much as existing infrastructure and signage allows. The site includes a striped pedestrian access from the sidewalk along FM 407 to the building location. The site plan meets all development standards listed for the General Commercial zoning district.

The Lantana Town Center site contains an existing 30-foot fire lane that will provide sufficient coverage for the subject property. The site provides 6 parking spaces attributed to the proposed use, with one of the spaces being marked for handicapped visitors. Per BZO section 17.6, a minimum of 7 spaces are required. Given the applicant's statement that no indoor or outdoor seating will be provided for the use, and that the Andy's Frozen Custard site (under separate consideration coincident with this application) has seven additional parking spaces, staff find that the provided six spaces would be sufficient. In addition, the site plan provides for sufficient queuing depth to meet the Town's standard of no less than five vehicle spaces.

The Lantana Town Center has been developed to provide adequate utilities for the site. The Utility Plan (Exhibit 1, sheet C-6.0) shows private utility services connecting to existing water and sewer services from the south. Storm water drainage is collected and is transmitted to an existing storm drain line that

runs through the site. With these findings, and application of conditions for approval, criteria 3, 4, 5, <del>6,</del> 8, 9, and 13 are met.

**Planning & Zoning Commission Recommendation:** CUP-2023-007: Approve. SP-2023-004: Approve with conditions. The following conditions of approval are recommended:

CUP-2023-007:

1. No recommended conditions of approval.

#### SP-2023-004:

- 1. All parking area lighting shall be installed and operated so as not to reflect or shine on adjacent properties and in accordance with the standards established in BZO Section 13.3.7 and Chapter 28.
- 2. The trash receptacle shall be screened with an eight-foot-tall screen constructed of masonry materials of like and similar materials to those of the primary structure.
- 3. Prior to issuance of a Certificate of Occupancy, the applicant shall either 1) provide a shared parking agreement between the two lease areas for Swig and Andy's Frozen Custard to the Town of Bartonville, or 2) add one parking space to address the one space shortage.

#### Public Comment: None.

**Financial Information:** Approval of the conditional use permit and site plan will permit the construction of a 740-sf drive-through restaurant. The Town will benefit from additional property tax and sales tax collections from the commercial use.

#### Exhibits:

- 1. Swig Bartonville CUP & SP Application
- 2. Letter mailed to property owners within 200' with location map and mailing list
- 3. Published Legal Notice
- 4. Ordinance approving CUP

## Exhibit 1



### TOWN OF BARTONVILLE SITE PLAN APPLICATION/SITE PLAN AMENDMENT APPLICATION

#### 1. Applicant:

Name: Kofi Addo on behalf of Savory Swig Stores, LLC

Address: 2805 Dallas Parkway, Suite 310

City/State: Plano /TX

Office #:\_ (972) 497-2992 \_\_Cell #:\_\_\_\_\_ Fax #:\_\_N/A

Email Address: kaddo@bowman.com

#### 2. Property Owner:

Name: A-S 114 LANTANA TOWN CENTER LP

Address: 8827 W SAM HOUSTON PKWY N STE 200

City/State: HOUSTON, TX

Zip: 77040-5383

Zip: 75093

Office #: 281.640.7195 Cell #: 73.899.9634 Fax #:\_\_\_\_\_

Email Address: MHARNEY @ NEW QUEST. COM

3. Site Location:

Street Address:\_ 3800 FM 407, Lantana, TX 76226

Lot, Block, & Subdivision Name: DCFWSD#7 RETAIL CENTER ADDITION BLK A LOT 3

#### Summarize the proposed development. If necessary, use a separate sheet.

quick service restaurant, exclusively offering drive-through services and devoid of any indoor or outdoor public seating arrangements. The restaurant serves flavored sodas, ready baked cookies, and pretzels.

5. Present Zoning: GC/ PD-1 Present Land Use: Undeveloped

Future Land Use Designation: General Commercial

6. All applications must contain the required information as specified in the Town of Bartonville's Comprehensive Zoning Ordinance, (Code of Ordinances, Chapter 14, Exhibit "A").

### I UNDERSTAND THAT IT IS NCESSARY FOR ME OR MY AGENT TO BE PRESENT AT BOTH THE PLANNING AND ZONING COMMISSION MEETING AND TOWN COUNCIL MEETING

FAILURE TO APPEAR before the Planning and Zoning Commission or Town Council for more than one (1) hearing without an approved delay by the Town Administrator or his/her designee shall constitute sufficient grounds to table or deny the request unless the Town is notified at least 72 hours prior to the hearing.

**DENIALS BY THE PLANNING AND ZONING COMMISSION** shall be forwarded to Town Council, along with the Commission's reasons for denial and will require a  $\frac{3}{2}$  favorable vote of all members of Town Council.

TABLED BY THE PLANNING AND ZONING COMMISSION: The Commission may not defer its report for more than 90 days from the time it was posted on the agenda, 'or until it has had an opportunity to consider other proposed changes, which may have a direct bearing, unless a postponement is requested by the applicant.

Applicant Name (print or type): Kofi Addo

Applicant signature:

Owner Name (print or type): MILHAR HARDEY. SCHLOR DEVEROPMENTE MANAGER

Owner signature:

Date Received \_\_\_\_\_\_ Date Paid \_\_\_\_\_\_ Receipt Number \_\_\_\_\_\_



## NOTARY FORM Town of Bartonville

THE FOLLOWING IS TO BE COMPLETED BY EACH OWNER THAT IS NOT SIGNING THIS APPLICATION.

Dated: 10/2/2023	
I, <u>Michaer Harney</u> FM 407/Jeter Rd., Bartonville, TX 76226 do hereby c Kofi Addo	ertify that I have given my permission to , to submit this conditional use permit
application. MIGLAGE HARJOY- SeNICE DEVELOPMENT MILMOR	neot
Print Name	Signature of Owner
BB27 W SAM HONETW PIKON N: SURF 200; HUSTEN TV 77040	281. 640-7195
Address	Phone No.

State of Texas County of <u>Larris</u>

§

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Before me, <u>Michael Harney</u> Judy Hunter, a Notary Public in and for said County and State, on this day personally appeared <u>Michael Harney</u> known to me to be the person whose name is subscribed to the foregoing certificate, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

(Seal) JUDY HUNTER Notary Public, State of Texas Comm. Expires 10-18-2026 Notary ID 128417863

Notary



All applications must be submitted in accordance with the Submission Schedule attached hereto. Please complete the attached checklist. A site plan application must be submitted with all Conditional Use Permit Applications.

Email Address*: <u>kaddo@bowman.com</u> (*This will be the primary method of communication)	ax: <u>N/A</u>
(*This will be the primary method of communication)	
Owner's Name(s) if different <sup>1</sup> : A-S 114 LANTANA TOWN CE	INTER LP
Owner's Address; _8827 W SAM HOUSTON PKWY N STE 20	00, HOUSTON, TX 77040-5383
Phone:281.640.7195 / 713.899.9634 F	ax:
General Location of Property: <u>3800 FM 407, Lantana</u> ,	TX 76226
Current Zoning: GC/ PD-1	
Legal Description of Property:DCFWSD#7 RETAIL CENT	ER ADDITION BLK A LOT 3
(Attach Complete Meter	s and Bounds Description)
Use Being Requested (In accordance with Append Bartonville's Comprehensive Zoning Ordinance: Drive-	ix C:Land Use Table, of the Town of Through in GC Zoning

Date Submitted:	Fee Paid:	
Accepted By:	Check No. :	
P& Z Public Hearing:	Metes & Bounds Attached:	🗆 No
Council Public Hearing:	Notarized Statement:  Yes  No	□ <b>N/A</b>

<sup>&</sup>lt;sup>1</sup> A NOTARIZED statement that authorizes the agent to represent the owner(s) in this matter must be attached to this application.



## NOTARY FORM Town of Bartonville

THE FOLLOWING IS TO BE COMPLETED BY EACH OWNER THAT IS NOT SIGNING THIS APPLICATION.

Dated: 10/2/2023	
MICHAEL HARNEY	owner of the Property located at
FM 407/Jeter Rd., Bartonville, TX 76226 do hereby c	ertify that I have given my permission to to submit this conditional use permit
Application. MIGLAGE HARJEY. Sewice Development MUSAGE	neoff
Print Name	Signature of Owner
BB27 W SAM HONTON PROY N; SURE 200; HUSTON TV 77040	281, 640, 7195
Address	Phone No.

State of Texas County of <u>Agrees</u>

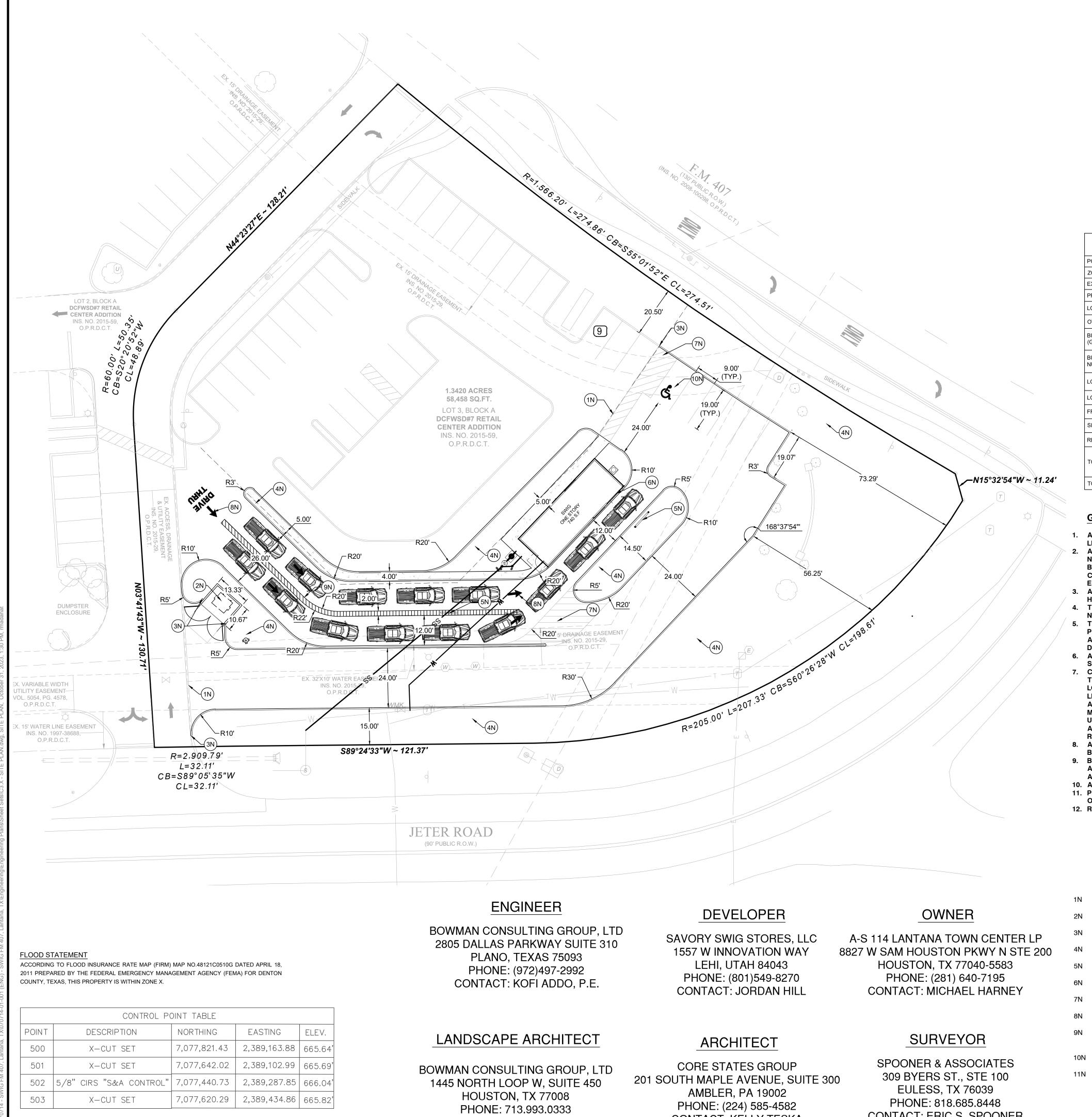
§ §

Before me, <u>Michael Harney</u> Judy Hunter a Notary Public in and for said County and State, on this day personally appeared <u>Michael Harney</u> known to me to be the person whose name is subscribed to the foregoing certificate, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

(Seal)

ANNIH PLAN	JUDY HUNTER
20 A 4	Notery Public, State of Texas
o A	Comm. Expires 10-18-2026
Torte	Notary ID 128417863

Notary



CONTACT: ERIC MAURER, PLA

SITE POJECT NAME ZONING EXISTING USE PROPOSED USE LOT AREA/SF AND AC OVERALL AREA/SF AND AC **BUILDING AREA** (GROSS SQUARE FOOTAGE BUILDING HEIGHT (FEET AND NUMBER OF STORIES) LOT WIDTH LOT DEPTH FRONT YARD SETBACK SIDE (E&W) YARD SETBACK REAR YARD SETBACK TOTAL PARKING REQUIRED

TOTAL PARKING PROVIDED

## **GENERAL SITE NOTES**

- ENCUMBRANCES.
- HELD PRIOR TO CONSTRUCTION COMMENCEMENT.
- NOTICE PRIOR TO PERFORMING ANY INSPECTIONS. 5. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PROJECT
- DEVICES (MUTCD). 6. ALL MECHANICAL EQUIPMENT TO BE ROOF MOUNTED AND SCREENED FROM HE STREET. THE SITE. AS-BUILTS TO INCLUDE HORIZONTAL AND VERTICAL
- 8. ALL AFFECTED SIDEWALKS, RAMPS AND CROSSWALKS, WILL BE
- **ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.**
- 10. ALL CURB RADII ARE 5' UNLESS SHOWN OTHERWISE.
- OF LIGHT POLES, LANDSCAPING AND UTILITIES.

## NOTES

- 1N MATCH EXISTING PAVEMENT
- 2N DUMPSTER ENCLOSURE (REFER TO ARCH. PLANS)
- 3N END CURB
- 4N LANDSCAPE AREA
- 5N MENU ORDER BOARD (REFER TO ARCH, PLANS)
- 6N ORDER PICKUP WINDOW (REFER TO ARCH, PLANS)
- 7N NO PARKING STRIPING
- 8N PAVEMENT MARKING
- 9N AREA STRIPED AT 4" WIDE SINGLE SOLID YELLOW LINE AT 45 DEGREE AT 2' O.C.
- 10N ADA PARKING
- 11N APPROXIMATE CONSTRUCTION LIMIT LINE

CONTACT: KELLY TESKA

CONTACT: ERIC S. SPOONER



C	ATA TABLE
	SWIG
	GC (GENERAL COMMERCIAL)
	UNDEVELOPED LAND
	RESTAURANT
	32,776 SF / 0.75 ACRES
	32,776 SF / 0.75 ACRES
	740 SF
	16 FT (1-STOREY)
	289.33
	287.00
	50 FT
	25 FT
	25 FT
	REGULAR PARKING RATIO FOR RESTAURANT 1:100 = 750/100 = 8 SPACES 1 ACCESSIBLE PARKING REQUIRED FOR 1 to 25 SPACES PROVIDED
	9 (INCLUDING 3 EXISTING SPACES)

ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB, PROPERTY LINE OR CENTERLINE OF STRIPING UNLESS OTHERWISE NOTED. ALL EXISTING EASEMENTS, RIGHTS-OF-WAY, AND LOT LINES MAY NOT BE SHOWN. REFER TO THE TOPOGRAPHIC SURVEY PREPARED BY SPOONER & ASSOCIATES, DATED AUGUST 14, 2023, FOR COMPLETE BOUNDARY INFORMATION AND ASSOCIATED

3. A PRE-CONSTRUCTION MEETING WITH CITY ENGINEER SHALL BE 4. THE CITY OF BARTONVILLE SHALL BE GIVEN AT LEAST 48 HOURS

PLANS. THE CURRENT EDITION OF THE TXDOT DESIGN STANDARDS AND THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL

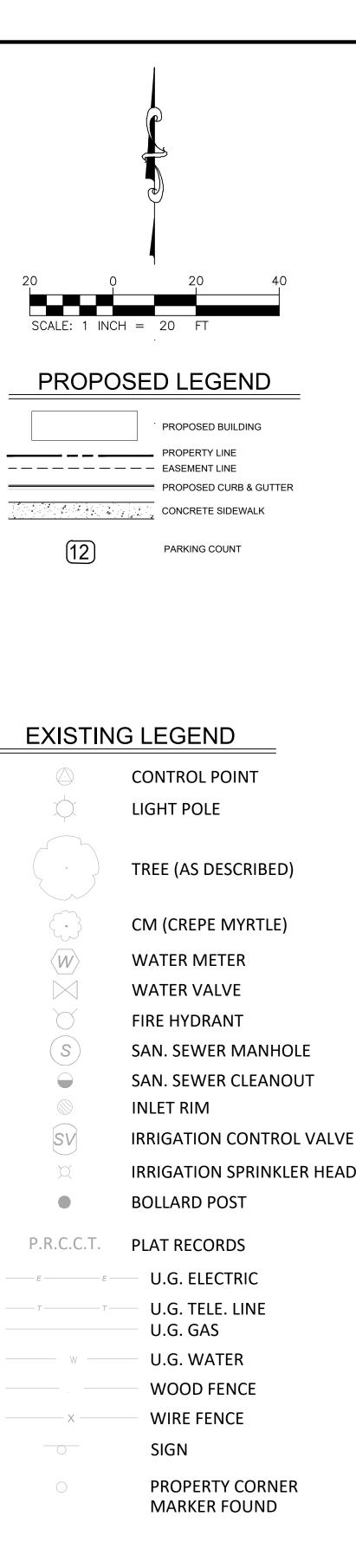
CONTRACTOR TO PROVIDE AS-BUILTS OF ALL IMPROVEMENTS TO

LOCATIONS OF ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO, PIPES, FITTINGS, STRUCTURES, AND OTHER APPURTENANCES. ELEVATIONS OF PIPES AT CROSSING POINTS MUST BE SUFFICIENT TO IDENTIFY MINIMUM SEPARATION OF UTILITIES. IN ADDITION TO THE AFOREMENTIONED CRITERIA AS-BUILTS MUST MEET ALL LOCAL AND JURISDICTIONAL **REQUIREMENTS FOR CERTIFICATION OF CONSTRUCTION** 

BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS. 9. BUILDING SETBACK DIMENSIONS MEASURED TO OUTERMOST ARCHITECTURAL FEATURE. CONTRACTOR TO REFER TO

11. PRIOR TO INSTALLATION, CONTRACTOR MUST VERIFY LOCATIONS

12. ROW PERMITS REQUIRED FOR WORK WITHIN ROW.



50 407 X 76 PLAN MIG MIG T ✓ SITE S\ 3800 NTAN 4



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

DESIGN	DRAWN	CHKD			
RM	RM KA				
JOB No.	070714-0	01-001			
	SHEET				
SP-1					

Know what's **below**. Call before you dig.

PRELIMINARY NOT FOR CONSTRUCT



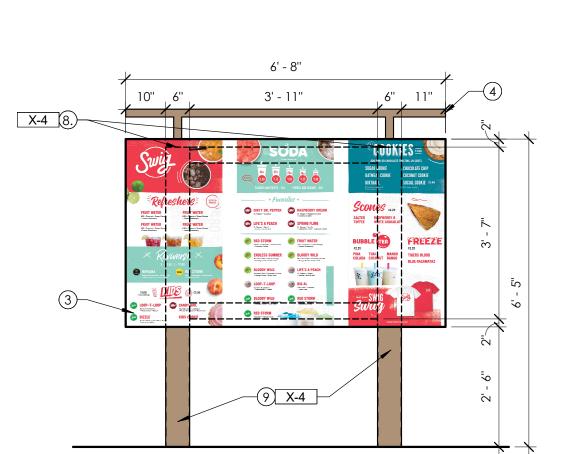
 _NORTH_	_SOUTH_
1	_
20 %	20 %
136.5 SF	136.5
10 %	10 %
69 SF	69 SF
6 %	1 %
40 SF	6 SF
 63 %	68 %
412	445.5
 1 %	1 %
6 LF	6 LF

## 

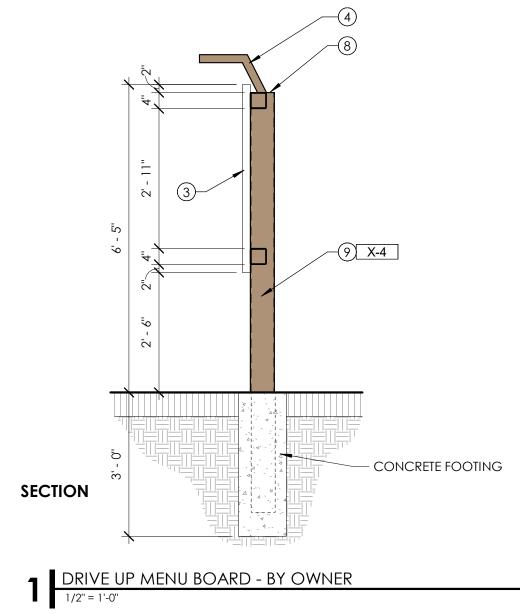
- PREFINISHED METAL DOWNSPOUT
   BUILDING SIGNAGE BY OWNER
- (3) menu board and footings by separate sign permit
- DARK BRONZE LIGHT FIXTURE; COORDINATE WITH ELECTRICAL
- 5 CO2 ENCLOSURE SEE EQUIPMENT PLAN
- 6 ELECTRICAL PANEL OR EQUIPMENT; COORDINATE WITH ELECTRICAL
- (7) CONTROL JOINT(8) STEEL CAP AT TOP OF POSTS
- 9 POWDER COATED STEEL TUBE FRAME, TYP.
- (10) 24" X 36" OPENING
- EXTERIOR CANOPY MANUFACTURER - ARCHITECTURAL CANOPIES; EXTRUDECK
   ROOF PROFILE
   RTU BEYOND
- (14) TRASH ENCLOSURE

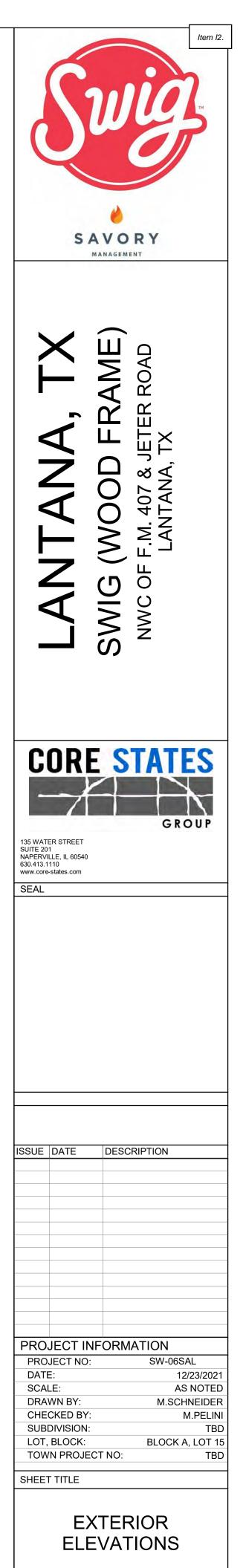
## EXTERIOR FINISH SCHEDULE

RIPTION			
DNE - LANTANA MIX	X-4	PAINT	EXTERIOR GRADE - SW2835 CRAFTSMAN BROWN
GRADE - 456 OYSTER SHELL	X-5	STUCCO	SW2835 CRAFTSMAN BROWN
DNZE	X-6	PAINT	METAL BRACKETS - SW6089 GROUNDED



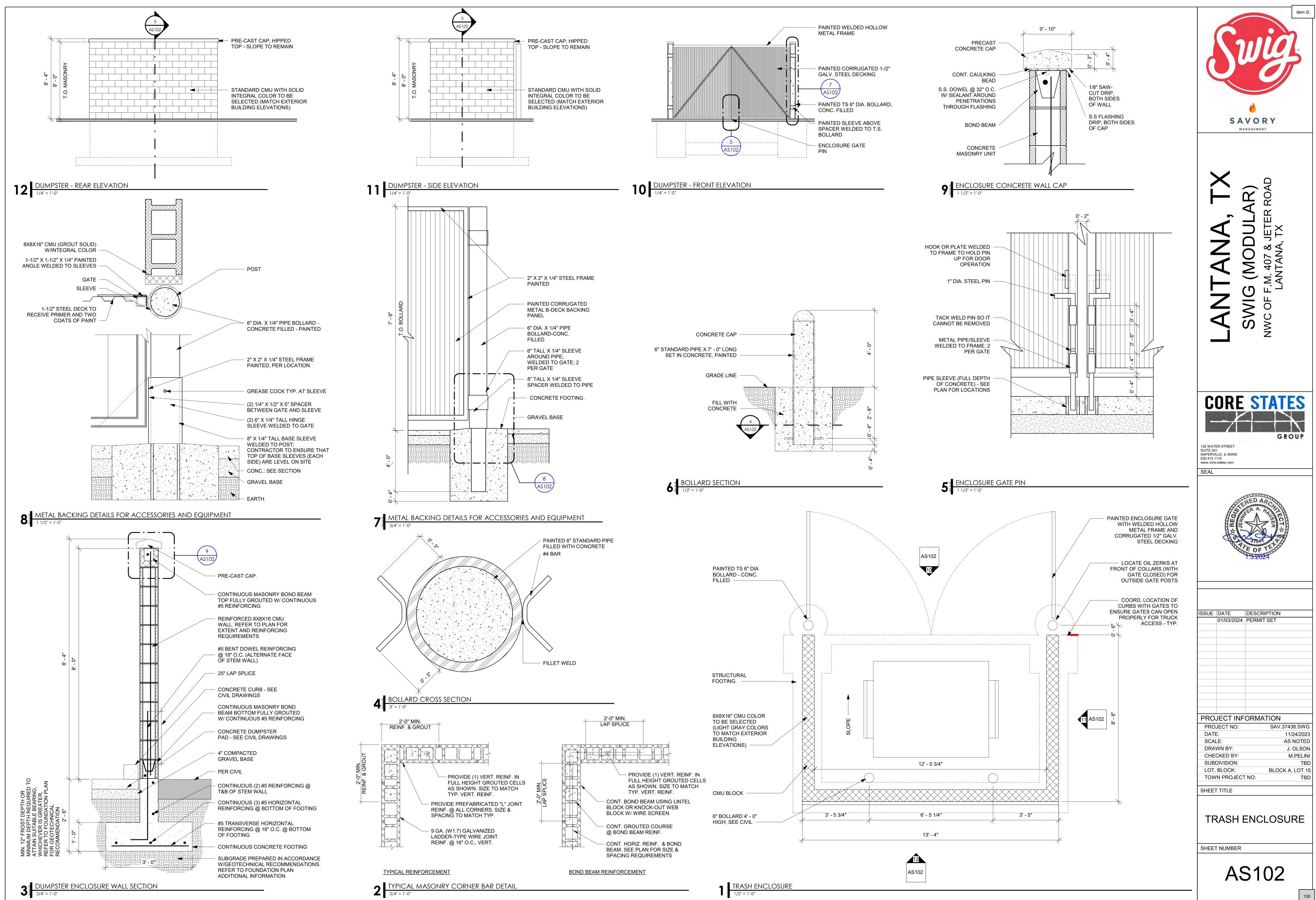
## ELEVATION





SHEET NUMBER





Symbol	Label	QTY	Manufacturer	Catalog	Number Lamps	Lamp Output	LLF	Input Power
	S4	1	LSI INDUSTRIES, INC	XGBM-FTA-LED-HO-CW- HSS	1	20836	0.7	287.5
	S3	1	LSI INDUSTRIES, INC	XGBM-5-LED-SS-CW	1	18048	0.7	186.4
	S1	2	LSI INDUSTRIES, INC	XGBM-3-LED-SS-CW	1	20181	0.7	186.8
	S2	2	LSI INDUSTRIES, INC	XGBM-3-LED-SS-CW	1	20181	0.7	373.6
	OC- 32	5	LSI INDUSTRIES, INC.	XWM-3-LED-04L-40	1	4125	0.7	29.5

+<sup>3.2</sup> +<sup>3.8</sup>

+2.5 +3.0

+4.9 +5.9 +6.4 +6.1 +5.9 +5.1

 $+3^{11}$   $+3^{38}$   $+5^{51}$   $+6^{60}$   $+7^{70}$   $+7^{71}$   $+7^{71}$   $+6^{62}$  +54  $+4^{4}$ 

+48 +5.6 +6.7 6.3 +6.3 +5.5 +4.8 +4.0 +30

+8.6 +8.9 +6.4 +5.2 +4.1 +2.6 +1.6

+<sup>7.5</sup> +<sup>8.1</sup> +<sup>9.3</sup> +<sup>7.1</sup> +<sup>5.6</sup> +<sup>4.0</sup> +<sup>2.4</sup>

+<sup>5.4</sup> +<sup>5.9</sup> +<sup>7.1</sup> +<sup>6.0</sup> +<sup>5.0</sup> +<sup>3.6</sup>

 $+^{4.6}$   $+^{5.2}$   $+^{6.1}$   $+^{5.3}$   $+^{4.7}$ 

 $+^{3.6}$   $+^{4.2}$   $+^{4.7}$   $+^{4.3}$ 

+<sup>2.4</sup> +<sup>2.7</sup> +<sup>3.3</sup>

1.6 + 1.7 + 2.3

-484 + 60 + 7.4 + 666 + 5.9 + 4.8 + 3.8 +  $\frac{2.9}{+2.9}$  + 2.2 + 1.8

 $7^{74}$  +  $8^{1}$  +  $9^{4}$  7.3 +  $6^{0}$  +  $4^{7}$  +  $3^{2}$  +  $2^{3}$  +  $1^{7}$  +  $1^{4}$ 

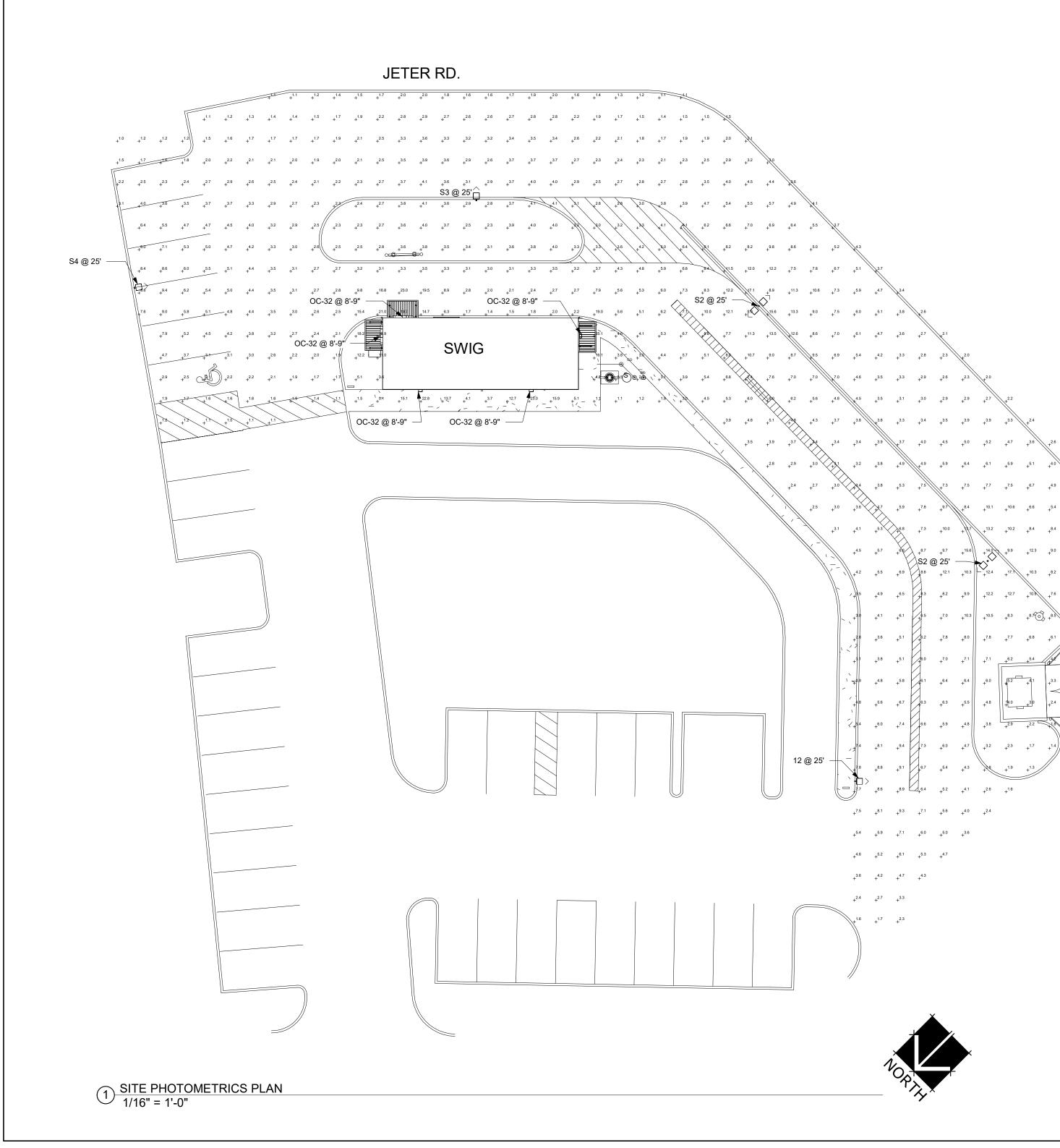
+4.7 + 5.9 + 7.8 + 9.7 + 8.4 + 10.1 + 10.6 + 6.6 + 5.4 + 5.5 + 3.4

 $+^{3.1}$   $+^{4.1}$   $+^{5.3}$   $+^{6.8}$   $+^{7.3}$   $+^{10.0}$   $+^{4.7}$   $+^{13.2}$   $+^{10.2}$   $+^{8.4}$   $+^{8.4}$   $+^{6.1}$   $+^{4.7}$   $+^{3.3}$   $+^{2}$ 

 $\begin{array}{c} +^{4.5} +^{5.7} +^{6.6} +^{8.7} +^{9.7} +^{15.6} +^{14.0} +^{9.9} +^{12.3} +^{9.0} +^{6.6} +^{5.5} +^{4.1} +^{2.7} +^{1} \\ +^{4.2} +^{5.5} +^{6.9} +^{8.6} +^{12.1} +^{10.3} +^{12.4} +^{17.1} +^{10.3} +^{8.2} +^{6.7} +^{5.2} +^{4.2} +^{2.8} +^{1} \end{array}$ 

45 + 4.9 + 6.5 + 4.3 + 8.2 + 9.9 + 12.2 + 12.7 + 10.9 + 7.6 + 6.3 + 5.0 + 3.6 + 2.5 + 1.7 + 1.2

+28 +3.6 +5.1 +3.2 +7.8 +8.0 +7.8 +7.7 +6.8 +6.1 +5.4 +3.1 +2.2 +1.8



							Item 12.
Statistics Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Swigs
SWIG		4.8 fc	25.1 fc	1.0 fc	25.1:1	4.8:1	
		-1.0 10	20.110	1.0 10	20.1.1	7.0.1	SAVORY MANAGEMENT
	B	Catalo Prepa	og # :ared By :		Project :		ANTANA, TX WIG (WOOD FRAME) NWC OF F.M. 407 & JETER ROAD LANTANA, TX LANTANA, TX PROTYPE VERSION 2.00
	Outdoor Ai		<b>BM)</b> 1P67				ີ່ ລັ ≥ີ CORE STATES
	1	RVIEW					GURE STATES
	Lumen Output Range Wattage Range Efficacy Range (LPW)	12,000 - 30,000 136 - 301 71 - 123	QUICK LINKS				GROUP
	Weight Ibs (kg)	49.5 (22.5)	Ordering Guide	Performance	Dimensions Cont	rols	1700 INDUSTRIAL AVE SUITE B ROGERS, AR 72756 479.986.4400 www.core-states.com
	<ul> <li>connections.</li> <li>Gasketed, tethered provides ease of inseasy driver access.</li> <li>Four captive stainle the topaccess cover</li> <li>Luminaire is proudly</li> <li>Fixtures are finished polyester powder control of the DuraGrip finish weather changes with peeling. Other stand available. Consult fators are guaranted peeling, cracking, or guide for color optice.</li> <li>Shipping weight: 500</li> <li>Optical System</li> <li>Select high-brightnet (S000K) or Neutral temperature, 70 CR</li> <li>Types 3, 5, FT and F rotatable reflectors.</li> <li>Clear tempered opt sealed to aluminum rated, sealed optical stabilizing breather;</li> </ul>	aluminum housing. ther-tight housing ewired drivers and field top-access cover stallation and allows for ess-steel fasteners secure r to the housing. y made in the U.S. d with LSI's DuraGrip oat finishing process. withstands extreme ithout cracking or dard LSI finishes actory. color coordinated decals s to accent the fixture. eed for five years against r fading. (See ordering ons) D lbs in carton. ess LEDs in Cool White White (4000K) color 8. TA available - field tical grade flat glass lens housing creates an IP67 al unit (includes pressure ).	<ul> <li>Optical unit can be easily 90° increments. Direction allows alignment without energized.</li> <li>Zero uplight.</li> <li>Electrical <ul> <li>LSI drivers feature integrating the second rates of the current which temperatures exceed rates</li> <li>Two-stage surge protection electronic driver) meets if 2002, Location Category universal voltage powers (UE - 50/60Hz input), an</li> <li>Available in Low Watt (LV (SS) and High Output (High) (Drive currents are factor)</li> <li>Components are fully end material for moisture resis</li> <li>Driver complies with FCC RFI/EMI standard.</li> <li>Operating temperature: - (-40°F to +122°F).</li> <li>O-10V dimming (10% - 10)</li> </ul> </li> <li>Controls <ul> <li>Optional integral passive sensor.</li> <li>Bi-level switching respon- line voltage signal from s controller or sensor (by c light level decreased to 3 drive current.</li> </ul> </li> </ul>	al sensor which en ambient ed temperature. ion (Including n built into EEE C62.41.2- C. Available with supply 120-277VAC d 347-480VAC. W), Super Saver O) drive currents ry programmed). cased in potting stance. C 47 CFR part 15 40°C to +50°C 0%) Optional. infrared motion ds to external eparate 120-277V others), with low 0% maximum	<ul> <li><b>1.</b> Stallation</li> <li>2-1/2" x 5-3/8" x 12" extruded alum arm mounting bracket shipped stat Use with LSI B5 traditional drilling</li> <li>Round Pole Plate (RPP2) required mounting to 3"- 5" round poles. (S Accessory Ordering Information of <b>Warranty</b></li> <li>LSI luminaires carry a 5-year limited Refer to https://www.lsiindustries.com resources/terms-and-warranty.aspx information.</li> <li>Listed to UL 1598 and UL 8750.</li> <li>Title 24 Compliant; see local ordina qualification information.</li> <li>Suitable for wet Locations</li> <li>IP67 rated optical chamber.</li> <li>3G rated for ANSI Cl36.31 high vib applications.</li> <li>DesignLights Consortium* (DLC) or product. Not all versions of this primay be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confidence.</li> <li>US patent D574994 &amp; 7,828,456 ar patent 29631</li> <li>Epecifications and dimensions subject hange without notice.</li> </ul>	andard. pattern. for See hart.) d warranty. om/ a for more ance for ration qualified oduct k firm hd MX	
			ati, OH 45242 * www.lsi-industries Rights Reserved. Specifications s		Page 1/4 R SPEC	ev. 03/16/22 .2036.A.0320	
							PROJECT INFORMATION   PROJECT NO: SAV.31362.SWG   DATE: 10/27/2023   SCALE: AS NOTED   DRAWN BY: P Smith   CHECKED BY: E Holland   SHEET TITLE SITE PHOTO-METRICS PLAN SHEET NUMBER EL102



c(UL)us	ROHS		n	5
LISTED	COMPLIANT	IN THE USA	The	COMP.

OVER	VIEW
Lumen Output Range	12,000 - 30,00
Wattage Range	136 - 301
Efficacy Range (LPW)	71 - 123
Weight lbs (kg)	49.5 (22.5)

## **PROJECT INFORMATION**

PROJECT	SWIG
PROJECT ADDRESS/LOCATION	3800 FM 407, BARTONVILLE, TX
PARCEL ID NUMBER	656786
LOT ACREAGE	0.75 ACRES/ 32,776 SF
LIMIT OF DISTURBANCE (LOD)	0.75 ACRES/ 32,776 SF
PARCEL ZONING	GC (GENERAL COMMERCIAL)

PROJECT SUMMARY

THE APPLICANT PROPOSES A RESTAURANT WITH A DRIVE-THROUGH BUILDING. THE PROPOSED IMPROVEMENTS INCLUDE PARKING SPACES, A TRASH ENCLOSURE, LANDSCAPE SCREENING, AND APPLICABLE UTILITIES.

## AGENCY CONTACTS

PLANNING AND DEVELOPMENT

ENGINEERING

TOWN OF BARTONVILLE 1941 E JETER ROAD BARTONVILLE, TX 76226 817-693-5280

TOWN OF BARTONVILLE 1941 E JETER ROAD BARTONVILLE, TX 76226 817-693-5280

DENTON COUNTY FRESHWATER DISTRICT #6 & 7 2650 FM 407 E SUITE 125 LANTANA, TX. 76226 (940) 728-5050 EXT. 311 **KEVIN MERCER** KMERCER@LANTANATX.COM

FIRE DEPARTMENT

ELECTRIC

DENTON COUNTY EMERGENCY SERVICES DISTRICT NO. 1 P.O. BOX 984 ARGYLE, TX 76226 940-464-7102

COSERV **KEVITT VALLEY** KVALLEY@COSERV.COM 940-321-7800

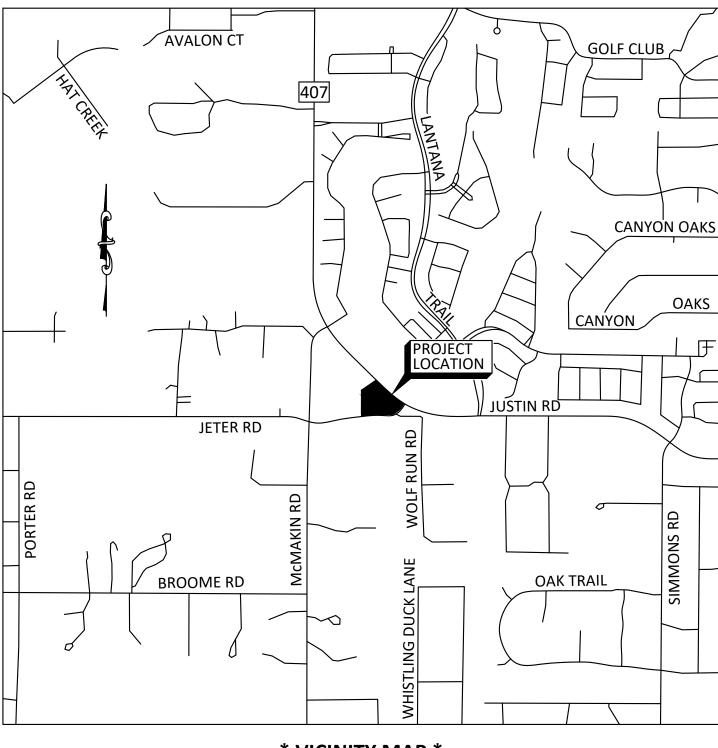
A-S 114 LANTANA TOWN CENTER LP 8827 W SAM HOUSTON PKWY N STE 200 HOUSTON, TX 77040-5583 PHONE: (281) 640-7195 CONTACT: MICHAEL HARNEY

## NOTES

- FINAL BUILDING UTILITY CONNECTIONS TO BE DETERMINED PER ARCHITECT DRAWINGS
- NO WETLANDS ON SITE
- SITE IS LOCATED IN ZONE X (OUTSIDE OF THE 100-YEAR FLOOD PLAIN)
  - PER FEMA FIRM NUMBER 8121C0510G DATED APRIL 18, 2011.

# **PROPOSED CONSTRUCTION PLANS FOR:** SWIG 3800 FM 407

LANTANA, TX 76226 DENTON COUNTY PROPERTY ID: 656786



\* VICINITY MAP \* (NOT TO SCALE)

## OWNER

## LANDSCAPE ARCHITECT

BOWMAN CONSULTING GROUP, LTD 1445 NORTH LOOP W, SUITE 450 HOUSTON, TX 77008 PHONE: 713.993.0333 CONTACT: ERIC MAURER, PLA

## ENGINEER

BOWMAN CONSULTING GROUP, LTD 2805 DALLAS PARKWAY, SUITE 310 PLANO, TEXAS 75093 PHONE: 972.497.2992 CONTACT: KOFI ADDO, P.E.

## ARCHITECT

CORE STATES GROUP 201 SOUTH MAPLE AVENUE, SUITE 300 AMBLER, PA 19002 PHONE: (224) 585-4582 CONTACT: KELLY TESKA

## DEVELOPER

SAVORY SWIG STORES, LLC 1557 W INNOVATION WAY LEHI, UTAH 84043 PHONE: 801.549.8270 CONTACT: JORDAN HILL

## SURVEYOR

SPOONER & ASSOCIATES 309 BYERS ST., STE 100 EULESS, TX 76039 PHONE: 818.685.8448 CONTACT: ERIC S. SPOONER



Sheet

	Sheet List Table
Number	Sheet Title
20.0	COVER SHEET
CO.1	GENERAL NOTES
OF 1	SURVEY
C1.0	DEMOLITION PLAN
22.0	EROSION CONTROL PLAN
C2.1	EROSION CONTROL DETAILS
23.0	SITE PLAN
24.0	PRE-DEVELOPMENT DRAINAGE AREA MAP
C4.1	POST-DEVELOPMENT DRAINAGE AREA MAP
25.0	grading & drainage plan
26.0	UTILITY PLAN
27.0	CONSTRUCTION DETAILS
C7.1	CONSTRUCTION DETAILS
27.2	CONSTRUCTION DETAILS
_1.01	PLANTING PLAN
1.02	PLANTING DETAILS
2.01	IRRIGATION PLAN
2.02	IRRIGATION DETAILS

COVER SHEETREVISIONSCOVER SHEETREVISIONSSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSWIGSMIG <th< th=""><th></th><th></th><th></th><th></th><th>© 2021 Bowman Consulting Group, Ltd. TBPE Firm Registration No. F-14309</th><th></th><th>2805 Dallas Parkway Phone: (972) 497-2990</th><th>Plano, Texas 75093 www.bowman.com</th></th<>					© 2021 Bowman Consulting Group, Ltd. TBPE Firm Registration No. F-14309		2805 Dallas Parkway Phone: (972) 497-2990	Plano, Texas 75093 www.bowman.com
LE VISION		DATE						
	REVISIONS	DESCRIP TION						
COVER SHEET COVER SHEET SWIG 3800 FM 407 LANTANA, TX 76226		REVISION						
		COVER SHEET				3800 FM 407	Ι ΔΝΤΔΝΔ ΤΧ 76226	
DESIGN DRAWN CHKD RM RM KA JOB No. 070714-01-001 SHEET	R	Μ	. 0	RI 707	M 714-		KA	<b>`</b>

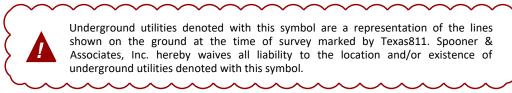
- 1. ALL ELEVATIONS SHOWN ARE BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY SPOONER & ASSOCIATES .
- 2. CONTRACTOR SHALL VERIFY ACCURACY OF ANY TEMPORARY BENCHMARKS SHOWN PRIOR TO UTILIZING THEM FOR CONSTRUCTION.
- 3. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING DIGGING OPERATIONS. IF UTILITIES OTHER THAN THOSE SHOWN ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE STEPS TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.
- 4. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL AND PREVENTION STRUCTURES SHOWN ON THE PLANS. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED. SILT BARRIERS WILL BE INSTALLED AS NECESSARY TO PREVENT EXCESSIVE SEDIMENTATION OF DOWNSTREAM AREAS. DEVICES SHALL BE IN ACCORDANCE WITH DENTION COUNTY FOR CONSTRUCTION ACTIVITIES.
- 5. IF WORK IS SUSPENDED OR DELAYED FOR FOURTEEN (14) DAYS, THE CONTRACTOR SHALL TEMPORARILY STABILIZE THE DISTURBED AREA AT CONTRACTORS EXPENSE.
- 6. THE TREE PROTECTION IN THE AREAS OF WORK SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE START OF LAND DISTURBANCE ACTIVITIES. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, THE DESTRUCTION OF ANY REGULATED TREES IS PROHIBITED. PROTECTIVE BARRICADES SHALL BE PLACED AROUND ALL TREES DURING ALL PHASES OF CONSTRUCTION.
- 7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
- 8. CONTRACTOR WILL BE REQUIRED TO ADJUST MANHOLE FRAMES TO MATCH FINAL GRADE AT NO ADDITIONAL COST.
- ANY DAMAGE TO EXISTING PAVEMENT MUST BE REPAIRED AT CONTRACTOR'S EXPENSE.
- 10. ALL RIGHT-OF-WAY AND DRAINAGE EASEMENT CONSTRUCTION SHALL MEET APPLICABLE TOWN OF BARTONVILLE STANDARD SPECIFICATIONS UNLESS SPECIFIED ELSEWHERE AND APPROVED IN WRITING BY THE ENGINEER.
- 11. WHERE FIELD INSPECTIONS ARE REQUIRED BY THE COUNTY, THE CONTRACTOR SHALL NOTIFY THE ENGINEERING DIVISION A MINIMUM OF 48 HOURS IN ADVANCE TO SCHEDULE SUCH INSPECTIONS.
- 12. A COMPLETE SET OF APPROVED DRAWINGS AND SPECIFICATIONS MUST BE MAINTAINED ON SITE AT ALL TIMES THAT THE CONTRACTOR IS PERFORMING WORK. THESE DRAWINGS SHALL BE MADE AVAILABLE TO THE COUNTY PERSONNEL AT THEIR REQUEST.
- 13. ANY REVISIONS DURING CONSTRUCTION WHICH ALTER THE ROAD LAYOUT, CONSTRUCTION METHODS, RIGHT-OF-WAY LOCATIONS OR STORM DRAINAGE AS INDICATED AND APPROVED BY THE TOWN MUST BE SUBMITTED AND APPROVED IN WRITING BY THE TOWN ENGINEER.
- 14. THE CONTRACTOR AND ALL SUB-CONTRACTORS HIRED BY THE CONTRACTOR SHALL BE LICENSED TO WORK IN THE STATE OF TEXAS.
- 15. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL CONSTRUCTION PERMITS NECESSARY FROM OTHER RESPONSIBLE AGENCIES.
- 16. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION. ALL DRAINAGE WILL BE MADE FUNCTIONAL DAILY AS WORK PROGRESSES.
- 17. EACH EXISTING ROAD WILL BE CLEANED OF DEBRIS AND RESTORED DAILY, OR MORE OFTEN IF NECESSARY.
- 18. NEW PAVEMENT TO BE FLUSH WITH EDGE OF EXISTING PAVEMENT.
- 19. ALL SANITARY SEWER SHALL BE IN ACCORDANCE WITH TOWN OF BARTONVILLE STANDARDS AT THE TIME OF CONSTRUCTION.
- 20. ALL WATER INFRASTRUCTURE SHALL BE IN ACCORDANCE WITH TOWN OF BARTONVILLE STANDARDS AT THE TIME OF CONSTRUCTION.
- 21. THE SEDIMENT AND EROSION CONTROL PLAN MUST BE KEPT ON SITE AT ALL TIMES, AND IN A DESIGNATED AREA THAT IS ACCESSIBLE TO THE INSPECTORS.
- 22. SEDIMENT AND EROSION CONTROL INSPECTIONS MUST BE COMPLETED BY A CERTIFIED INSPECTOR.
- 23. SEDIMENT AND EROSION CONTROL SHOULD INCLUDE A CONCRETE WASHOUT/STAGING AREA FOR SITE AND BUILDING CONSTRUCTION AND ALL OTHER PURPOSES OF THE DEVELOPMENT.
- 24. CONSTRUCTION DEBRIS MUST BE PLACED INSIDE CONTAINERS AND NOT LEFT EXPOSED TO THE ELEMENTS.
- 25. SITE MUST BE BUILT ACCORDING TO APPROVED TOWN PLANS UNLESS SEDIMENT AND EROSION CONTROL PLAN DOCUMENTS ARE UPDATED BY THE ORIGINAL PREPARER, REVIEWED AND APPROVED. OTHERWISE PERMITS WILL BE INVALIDATED.
- 26. NO OBSTRUCTIONS, TO INCLUDE BUT NOT LIMITED TO FENCES, STRUCTURES, OR LANDSCAPING MAY BE PERMITTED OR BUILT WITHIN ANY SWALES OR DRAINAGE EASEMENT.
- 27. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.
- 28. PIPE LENGTHS THAT ARE SHOWN ON THE PLANS ARE 2D LENGTH FROM CENTER TO CENTER. FIELD ADJUSTMENT OF THE ACTUAL PIPE LENGTHS MAY BE NECESSARY.
- 29. THE CONTRACTOR SHALL STAGE CLEARING AND GRUBBING WORK TO MINIMIZE THE AMOUNT OF EROSION AND SEDIMENTATION.
- 30. THE CONTRACTOR SHALL PROVIDE APPROPRIATE BARRICADES, WARNING LIGHTS, AND WARNING SIGNS TO ENSURE THE SAFETY OF THE PUBLIC AT ALL TIMES.
- 31. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SIGNAGE AND MAINTENANCE OF EXISTING PERMANENT SIGNS DURING CONSTRUCTION.
- 32. THE CONTRACTOR SHALL VERIFY PROPERTY LINES, BUILDING DIMENSIONS, AND ALL OTHER SITE CONDITIONS PRIOR TO CONSTRUCTION. ANY SIGNIFICANT VARIATIONS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- 33. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS ON THE JOB. BOWMAN CONSULTING GROUP SHALL BE NOTIFIED IN WRITING OF ANY VARIATION FROM THE DIMENSIONS, CONDITIONS, AND SPECIFICATIONS SHOWN BY THESE DRAWINGS.

- 34. ALL CURVE RADII ARE SHOWN TO THE FACE OF CURB UNLESS NOTED OTHERWISE.
- 35. ALL DRAINAGE WILL BE MADE FUNCTIONAL DAILY AS WORK PROGRESSES.
- 36. AT THE CONCLUSION OF THE CONSTRUCTION PROJECT, ALL COMPONENTS OF THIS DESIGN PACKAGE SHALL BE IN OPERABLE CONDITION, MEETING ITS REQUIREMENTS.
- 37. THE CONTRACTOR SHALL CONTACT TEXAS 811, UTILITY COMPANY REPRESENTATIVES, PERFORM TEST PITS, REVIEW CURRENT TEST PIT DATA, AND WHATEVER OTHER OPERATIONS AVAILABLE TO ENSURE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES IN THE AREA OF CONSTRUCT TO INSURE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES IN THE AREA OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY BOWMAN CONSULTING GROUP, LTD. OF ANY POTENTIAL CONFLICTS PRIOR TO COMMENCING CONSTRUCTION.
- 38. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE AND MAKE ALL INSPECTIONS NECESSARY IN ORDER TO DETERMINE THE FULL EXTENT OF THE WORK REQUIRED TO MAKE THE PROPOSED WORK CONFORM TO THE DRAWINGS AND SPECIFICATIONS.
- 39. UTILITY COMPANIES SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF ANY EXCAVATION.
- 40. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE INSTALLED TO THE REQUIRED DISTANCE BEYOND THE RIGHT-OF-WAY LINE PRIOR TO THE INSTALLATION OF ANY SUBBASE MATERIAL, CURB AND GUTTER OR SIDEWALK.
- 41. ADDITIONAL SILTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS DIRECTED BY THE INSPECTOR DURING FIELD REVIEW.
- 42. ALL SURFACED STREETS SHALL BE MAINTAINED IN A CLEAR CONDITION; FREE OF DUST, MUD OR SNOW AT ALL TIMES. THE DEVELOPER SHALL PROVIDE ADEQUATE MEANS TO CLEAN TRUCKS AND OTHER EQUIPMENT USING SURFACED STREETS.
- 43. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTMENTS AND/OR RECONSTRUCTIONS OF ALL UTILITY COVER (MANHOLE FRAMES AND COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- 44. THE CONTRACTOR MUST HAVE THE APPROVED SET OF CONSTRUCTION PLANS AND ALL APPLICABLE PERMITS IN POSSESSION PRIOR TO THE START OF CONSTRUCTION. AT LEAST ONE (1) COPY OF THE APPROVED PLANS, WITH REVISIONS, MUST BE KEPT ON-SITE AT ALL TIMES.
- 45. THESE PLANS MAKE NO REPRESENTATION AS TO THE SUBSURFACE CONDITIONS AND THE PRESENCE OF SUBSURFACE WATER OR THE NEED FOR SUBSURFACE DRAINAGE FACILITIES.
- 46. STORM SEWER AND CULVERT PIPE SHALL BE REINFORCED CONCRETE PIPE TO CONFORM TO THE CURRENT A.A.S.H.T.O. DESIGNATION M170, UNLESS OTHERWISE DESIGNATED ON THESE PLANS. CLASS III PIPE AS A MINIMUM, WILL BE REQUIRED WITHIN THE LIMITS OF RIGHT-OF-WAY.
- 47. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A SAFE CONSTRUCTION SITE AND COMPLYING WITH ALL OSHA REGULATIONS.
- 48. EMERGENCY VEHICLE ACCESS SHALL BE PROVIDED DURING ALL PHASES OF CONSTRUCTION.
- 49. WHERE IMPROVEMENTS ARE PROPOSED WITHIN EXISTING EASEMENTS OF RECORD, THE DEVELOPER SHALL OBTAIN WRITTEN PERMISSION FROM THE AUTHORITIES THAT ARE DOMINANT TENEMENTS OF THESE EASEMENTS FOR PERMIT FOR ANY DISTURBANCES WITHIN THESE AREAS PRIOR TO CONSTRUCTIONS.
- 50. ALL FINISHED GRADING, SEEDING, SODDING OR PAVING SHALL BE DONE IN SUCH MANNER TO PRECLUDE THE PONDING OF WATER.
- 51. TYPICAL SECTIONS ARE INTENDED TO SHOW GENERAL FEATURES OF THE PROPOSED CONSTRUCTION. FOR EXACT DETAILS AT ANY GIVEN LOCATION, SEE THE SITE PLAN SHEETS.
- 52. ALL SIDEWALKS TO BE 4" THICK CONCRETE UNLESS OTHERWISE SHOWN ON THE PLAN.
- 53. THE ENGINEER SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK SHOWN ON THESE PLANS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S SCHEDULES OF FAILURE TO CARRY OUR THE WORK. THE ENGINEER IS NOT RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR THEIR AGENTS OR EMPLOYEES, OR OF ANY OTHER PERSONS PERFORMING PORTIONS OF THE WORK.
- 54. ALL GAS LINES REQUIRE A MINIMUM OF 1 FOOT VERTICAL AND 5 FEET HORIZONTAL SEPARATION. CONSTRUCTION WITHIN 10 FEET OF THE GAS LINE REQUIRES A GAS LINE REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE GAS COMPANY PRIOR TO CONSTRUCTION.
- 55. NO TREES SHALL BE PLANTED IN THE WATER AND SEWER EASEMENTS.
- 56. UNLESS OTHERWISE NOTED HEREIN, CONSTRUCTION OF PAVEMENT AND DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH THE TOWN OF BARTONVILLE STANDARDS.
- 57. UPON AWARD OF CONTRACT, THE CONTRACTOR SHALL OBTAIN THE NECESSARY LOCAL TRADE PERMITS (INCLUDING APPLICATIONS AND FEES) ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS AND IN THE CONTRACT DOCUMENTS.
- 58. ALL ROAD IMPROVEMENTS AT THE DRIVE CONNECTIONS ARE TO BE COORDINATED WITH THE TOWN OF BARTONVILLE ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION.
- 59. IN ROLLING AND HILLY TERRAINS, SWEEPING OF THE STONE BASE AND/OR APPLICATION OF A TACK COAT MAY BE REQUIRED NEAR INTERSECTIONS. THESE REQUIREMENTS WILL BE ESTABLISHED BY THE INSPECTOR AND BASED ON FIELD CONDITIONS.
- 60. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
- 61. IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.5% SLOPE ON THE CURB.
- 62. CURB AND GUTTER SHOWN ON PLANS MAY REQUIRE ADJUSTMENT BASED UPON FIELD CONDITIONS. ASSOCIATED STORM DRAINAGE MAY ALSO REQUIRE MODIFICATION BASED UPON FIELD CONDITIONS.
- 63. THE PURPOSE OF THE STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NOT PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.
- 64. BACKFILL BEING PLACED. BACKFILL MATERIAL MUST BE APPROVED BY THE TOWN INSPECTOR PRIOR TO PLACEMENT OF THE MATERIAL WITHIN THE PUBLIC STREET RIGHT-OF-WAY.
- 65. TOWN OF BARTONVILLE GENERAL NOTES SHALL TAKE PRECEDENCE.

				© 2021 Bowman Consulting Group, Ltd. TBPE Firm Registration No. F-14309		2805 Dallas Parkway Phone: (972) 497-2990	Plano, Texas 75093 www.bowman.com
	DATE	1					
REVISIONS	DESCRIPTION						
	REVISION	1					
	GENERAL NOIES		CIVIC		3800 FM 407	I ANTANA TX 76226	
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PRELIMINARY NO





Underground utilities denoted with this symbol are a representation of the lines shown on the ground at the time of survey marked by Texas811. Spooner & Associates, Inc. hereby waives all liability to the location and/or existence of underground utilities denoted with this symbol.

CM

VERIZON

FOR SALE

SIGN

1/2" CIRF ILLEGIBLE

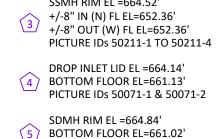
N15°32'54"W

1/2" CIRF ILLEGIBLE

A 665.9

11.24'

CONTROL POINT TABLE							
POINT	DESCRIPTION	NORTHING	EASTING	ELEV.			
500	X-CUT SET	7,077,821.43	2,389,163.88	665.64'			
501	X-CUT SET	7,077,642.02	2,389,102.99	665.69'			
502	5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04'			
503	X-CUT SET	7,077,620.29	2,389,434.86	665.82'			



\* INVERT TABLE \*

TOP OF NUT EL =666.22'

<sup>2</sup>/ TOP OF SILT EL =659.85'

SSMH RIM EL =664.52'

WATER VALVE LID EL =666.48'

WATER VALVE LID EL =663.44'

- PICTURE IDs 50069-1 & 50069-2 SDMH RIM EL =664.84'
- BOTTOM FLOOR EL=657.45' PICTURE IDs 50098-1 & 50098-2
- CURB INLET LID EL =663.95' BOTTOM FLOOR EL=658.64' PICTURE IDs 50030-1 & 50030-2
- CURB INLET LID EL =664.85' BOTTOM FLOOR EL=659.86' PICTURE IDs 50151-1 & 50151-2

RTS & DNES

MCI T

SOLAR PANEL

GT 665.19

**GRAPHIC SCALE IN FEET** 

1" = 20'

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SURVEY

Item I2.

INS. NO. O.P.R.D.C.T. VOL. PG. DNES EL RTS SLS	INSTRUMENT NUMBER OFFICIAL PUBLIC RECORDS DENTON COUNTY, TEXAS VOLUME PAGE DO NOT ENTER SIGN	∠  \$V  (\$)	ELECTRIC BOX
VOL. PG. DNES EL RTS	DENTON COUNTY, TEXAS VOLUME PAGE DO NOT ENTER SIGN	-	
PG. DNES EL RTS	PAGE DO NOT ENTER SIGN	-	
DNES EL RTS	DO NOT ENTER SIGN	( 2 )	
EL RTS		J	SAN. SEWER MANHOLE
RTS		$\otimes$	INLET RIM
	ELEVATION RIGHT TURN SIGN		STORM DRAIN MANHOLE
	SPEED LIMIT SIGN		STORM DIVAN MANIOLE
STS	STOP SIGN		TELEPHONE PULL BOX
TN	TOP OF NUT	Ğ	CM (CREPE MYRTLE)
TS	TOP OF SILT		BUSH
F.M.	FARM TO MARKET	$\sim$	
EX.	EXISTING	()	TREE (AS DESCRIBED)
RCP	REINFORCED CONCRETE PIPE	$\smile$	
R.O.W.	RIGHT-OF-WAY	U	UTILITY PULL BOX
WV	WATER VALVE	WMK	
EA 555.55	EDGE OF ASPHALT ELEVATION		WATER MARKER
EC 555.55	EDGE OF CONCRETE ELEVATION	Ø	FIRE HYDRANT
GT 555.55	GUTTER ELEVATION	$\langle w \rangle$	WATER METER
555.5 555.55	SPOT ELEVATION	<u> </u>	
TC 555.55	TOP OF CURB ELEVATION	ε	
× 10 333.33	CONTROL POINT	E	U.G. ELECTRIC U.G. TELE. LINE
Ũ	PROPERTY CORNER		U.G. WATER
O	MARKER FOUND - AS NOTED		ASPHALT EDGE
0	BOLLARD POST		SUBJECT PROPERTY LINE
$\langle 1 \rangle$	INVERT REFERENCE		PROPERTY LINE
$\backslash I$	INVERT REFERENCE		EXISTING EASEMENT LINE
¢	LIGHT POLE		FIRELINE PAINT MARKS
	SIGN		CONCRETE AREA

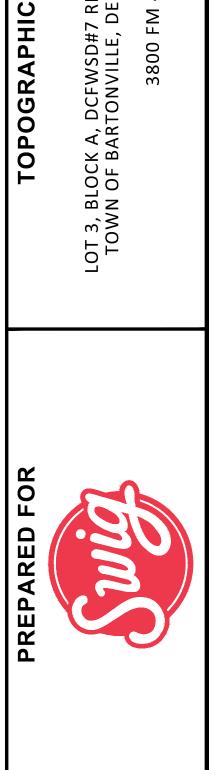
#### \* GENERAL NOTES \*

- The bearings, distances and coordinates shown hereon are referenced to the Texas Coordinate System of 1983, Texas North Central Zone 4202, and are based on the North American Datum of 1983, 2011 Adjustment. Coordinates shown are scaled to surface distances at N: 0.0 and E: 0.0 using a combined scale factor of 1.000150630. All areas shown hereon are calculated based on surface measurements.
- Elevations shown hereon are referenced to the North American Vertical Datum of 1988 (NAVD88) and were calculated by applying vertical shifts derived from Geoid Model 2012A to ellipsoid heights calculated from GPS/GNSS observations referenced to the North American Datum of 1983, 2011 adjustment.
- This survey was prepared without the benefit of a Title Commitment prepared by a title company. The easements shown hereon are the only easements known by Spooner & Associates and does not imply that any other easements, covenants, restrictions, or other matters of record do not affect the subject property. No other research was performed by Spooner & Associates, Inc.
- The subject tract appears to be located within Zone "GC" according to the Town of Bartonville zoning map. The Surveyor did not attempt to interpret the zoning district information mentioned herein. Hereby, the Surveyor advises all interested parties to contact the Town of Bartonville Planning and Zoning Department to further verify all zoning regulations and restrictions before planning, designing, constructing, or developing on the subject property.
- According to the Flood Insurance Rate Map published by the Federal Emergency Management Agency, Department of Homeland Security and by graphic plotting only, the subject property appears to be located in Zone "X" (areas determined to be outside the 0.2 % annual chance floodplain) as shown on Map No. 48121C0510G; map revised April 18, 2011, for Denton County and incorporated areas. This flood statement does not imply that the property and/or structures located in Zone "X" will be free from flooding or flood damage. This flood statement shall not create liability on the part of the Surveyor.
- Underground utilities shown hereon were taken from plans and/or reports provided to the Surveyor by others and from markings set by Texas811. Provided information combined with Texas811 markings and observed evidence of utilities was used to develop a view of the underground utilities. However, lacking excavation, the exact location of underground features cannot be accurately, completely and reliably depicted. No attempt has been made as a part of this Survey to confirm, obtain or show data concerning the depth or condition of any utility or municipal/public service facility. Subsurface and environmental conditions were not examined or considered as a part of this Survey. No statement is made concerning the existence of underground or overhead containers or facilities, which may affect the use or development of the subject tract of land. Where additional or more detailed underground utility information is required, the client is hereby advised that excavation may be necessary.
- All manhole / vault invert data provided hereon (eg. pipe sizes, pipe types, flowline elevations) is measured or estimated from the top of the structure by field crew personnel. While reasonable precautions are always taken, Spooner and Associates expressly assumes no liability for the risk of obtaining incorrect values inherent when making indirect measurements or estimates. No underground utility structures are entered by Spooner personnel to obtain measurements due to safety concerns.
- The size or shape of the tree/bush symbols included hereon do not necessarily represent the actual size and shape of the corresponding trees/bushes or their canopies. They represent location only.
- The term "Certify" or "Certificate" as shown and used hereon indicates an expression of professional opinion regarding the facts of the survey and does not constitute a warranty or guarantee, expressed or implied; and is addressed exclusively to the parties named hereon.

The field work was completed on July 28, 2023.



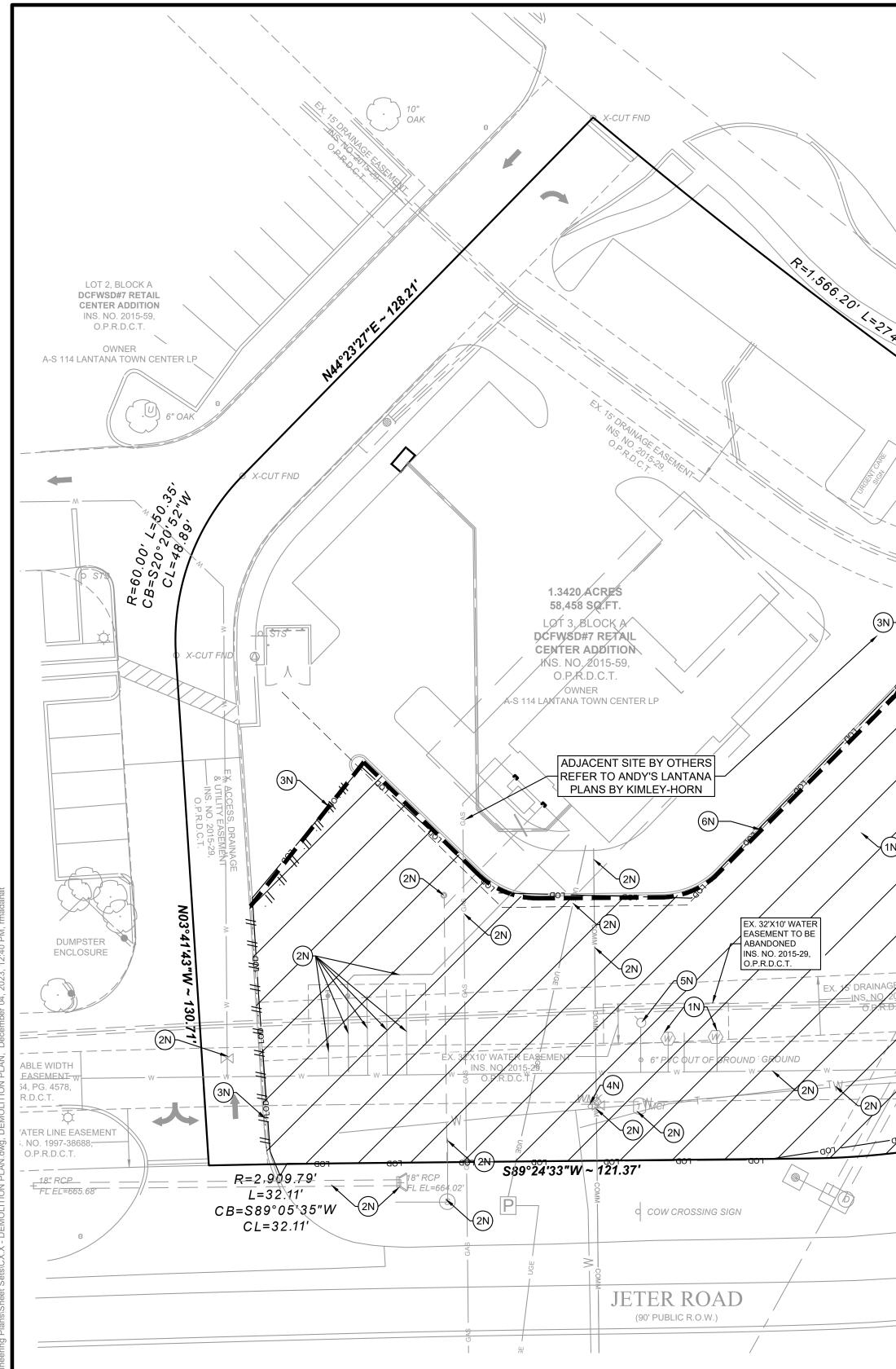
Eric S. Spooner, R.P.L.S. Texas Registration No. 5922 TBPLS Firm No. 10054900



DATE: 08/14/2023
S&A JOB NO. 23067
SCALE: 1" = 20'
DRAWN BY: R. OSMENT
CHECKED BY: E. SPOONER
REVISIONS:
<u>/1</u>
sheet <b>1</b>

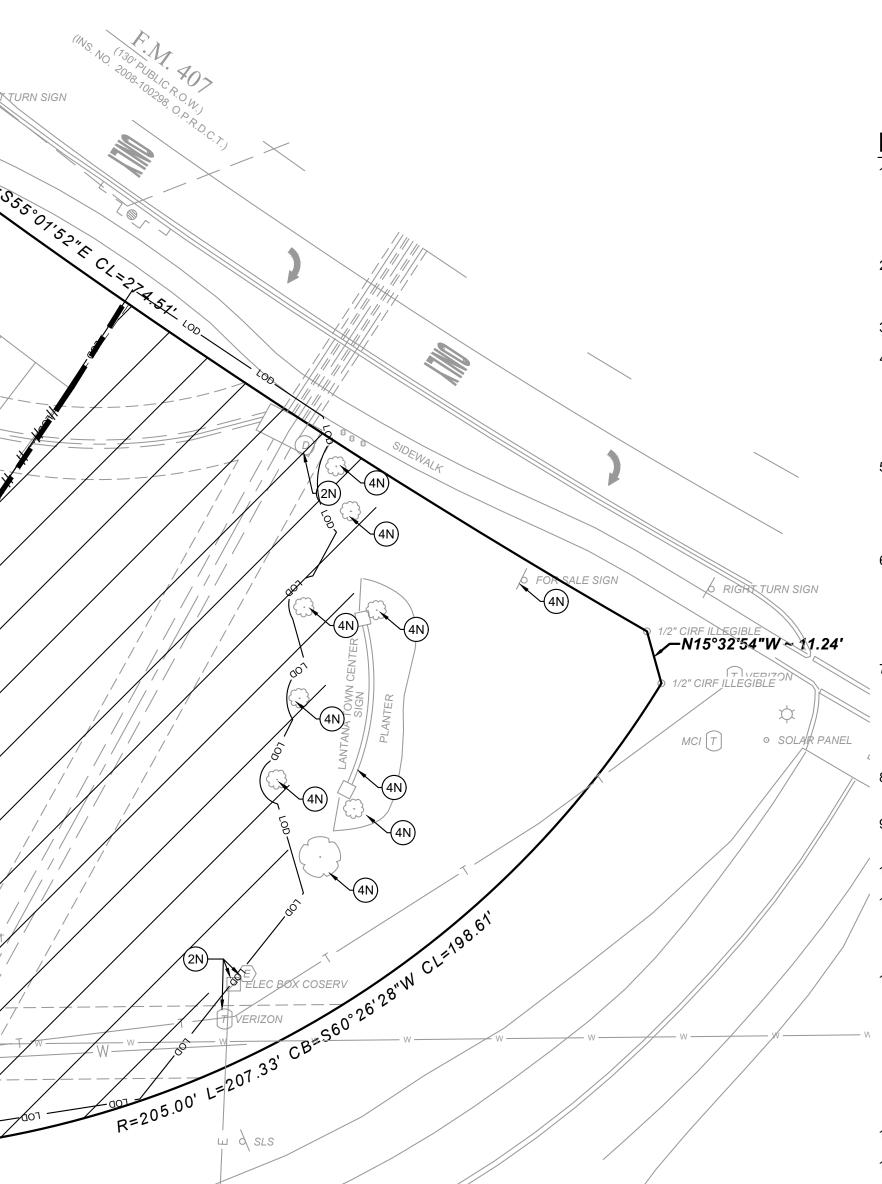
OF 1





CONTROL POINT TABLE						
DESCRIPTION	NORTHING	EASTING	ELEV.			
X-CUT SET	7,077,821.43	2,389,163.88	665.64			
X-CUT SET	7,077,642.02	2,389,102.99	665.69			
5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04			
X-CUT SET	7,077,620.29	2,389,434.86	665.82			
	DESCRIPTION X-CUT SET X-CUT SET 5/8" CIRS "S&A CONTROL"	DESCRIPTION         NORTHING           X-CUT SET         7,077,821.43           X-CUT SET         7,077,642.02           5/8" CIRS "S&A CONTROL"         7,077,440.73	DESCRIPTION         NORTHING         EASTING           X-CUT SET         7,077,821.43         2,389,163.88           X-CUT SET         7,077,642.02         2,389,102.99           5/8" CIRS "S&A CONTROL"         7,077,440.73         2,389,287.85			

7.7974 ACRES A0645A E.P. HOLMAN, TR 1 INST NO. 2015-90489 O.P.R.D.C.T OWNER DENTON COUNTY FRESH WATER SUPPLY DIST NO 7



## DISTURBED AREA

24,313\_SQUARE FEET 0.56 ACRES

## **DEMOLITION NOTES**

- AND DISPOSAL
- ANY NECESSARY UTILITIES DURING CONSTRUCTION.
- RESPONSIBLE FOR PAYING ALL FEES AND CHARGES. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE
- COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES.
- WITH THE WORK. BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BEST
- FACILITIES.
- TO BE INSTALLED. 11. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE REMOVAL AND REPAIR.
- COMPENSATION WILL BE PROVIDED.
- BE REPLACED AT CONTRACTOR'S EXPENSE.
- ROOTS, PIPES, TANKS, ETC. 15. BACKFILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK
- INVESTIGATION REPORT FOR THIS SITE.
- FROM THE SITE. POSSIBLE.

## NOTE:

CONTRACTOR MUST OBTAIN ROW PERMITS FROM THE TOWN AND/OR DOT PRIOR TO DOING ANY WORK IN THE RIGHT OF WAY.

## NOTE

ESTIMATED QUANTITIES ARE NOT FOR BIDDING PURPOSES. CONTRACTOR SHALL BASE THEIR BID ON THEIR OWN QUANTITY TAKEOFFS



1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) OF ALL MATERIALS, SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS. 2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICES TO

4. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS

BEEN DETERMINED FROM INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY

6. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING

ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE ANY ROAD RIGHT OF WAY DURING CONSTRUCTION. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING,

MANAGEMENT PRACTICES) AS APPROVED BY CONSTRUCTION MANAGER. 9. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING

10. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE

AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT'S

12. THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE FIRE DEPT. AND THE TOWN UTILITY DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE STORE AND SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATER MAIN SHUT OFFS WITH THE TOWN DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATER MAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA

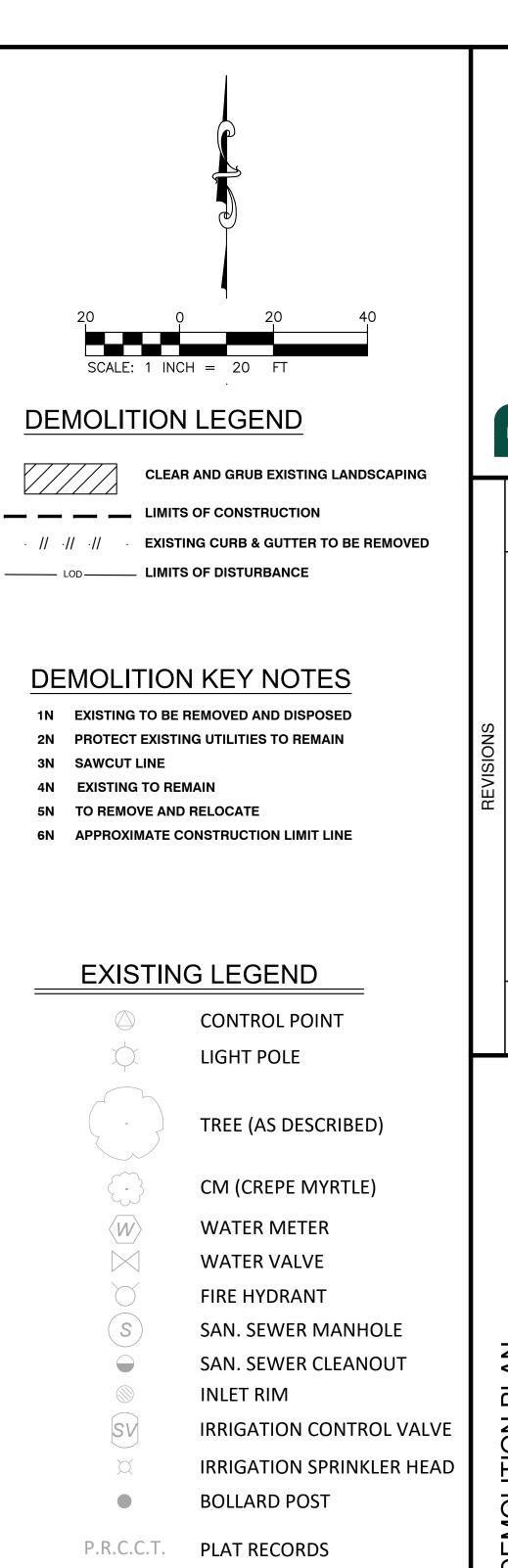
13. DAMAGE TO ALL EXISTING FACILITIES AND IMPROVEMENTS TO REMAIN WILL 14. FOR ALL ITEMS NOTED TO BE REMOVED, REMOVE NOT ONLY THE ABOVE

GROUND ELEMENTS, BUT ALSO REMOVE ALL UNDERGROUND ELEMENTS AS WELL INCLUDING, BUT NOT LIMITED TO; FOUNDATIONS, GRAVEL FILLS, TREE

MEETING THE REQUIREMENTS FOR FILL OUTLINED IN THE GEOTECHNICAL

16. ASBESTOS AND ANY OTHER HAZARDOUS MATERIAL SHALL BE PROPERLY PERMITTED AND REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL SECURE ALL PERMITS FOR DEMOLITION AND REMOVAL OF MATERIALS

17. EXISTING PERIMETER TREES & LANDSCAPING TO REMAIN WHEREVER



P.R.C.C.T.	PLAT RECORDS
	U.G. ELECTRIC
	U.G. TELE. LINE U.G. GAS
	U.G. WATER
	WOOD FENCE
	WIRE FENCE
	SIGN
$\overline{}$	PROPERTY CORNER MARKER FOUND

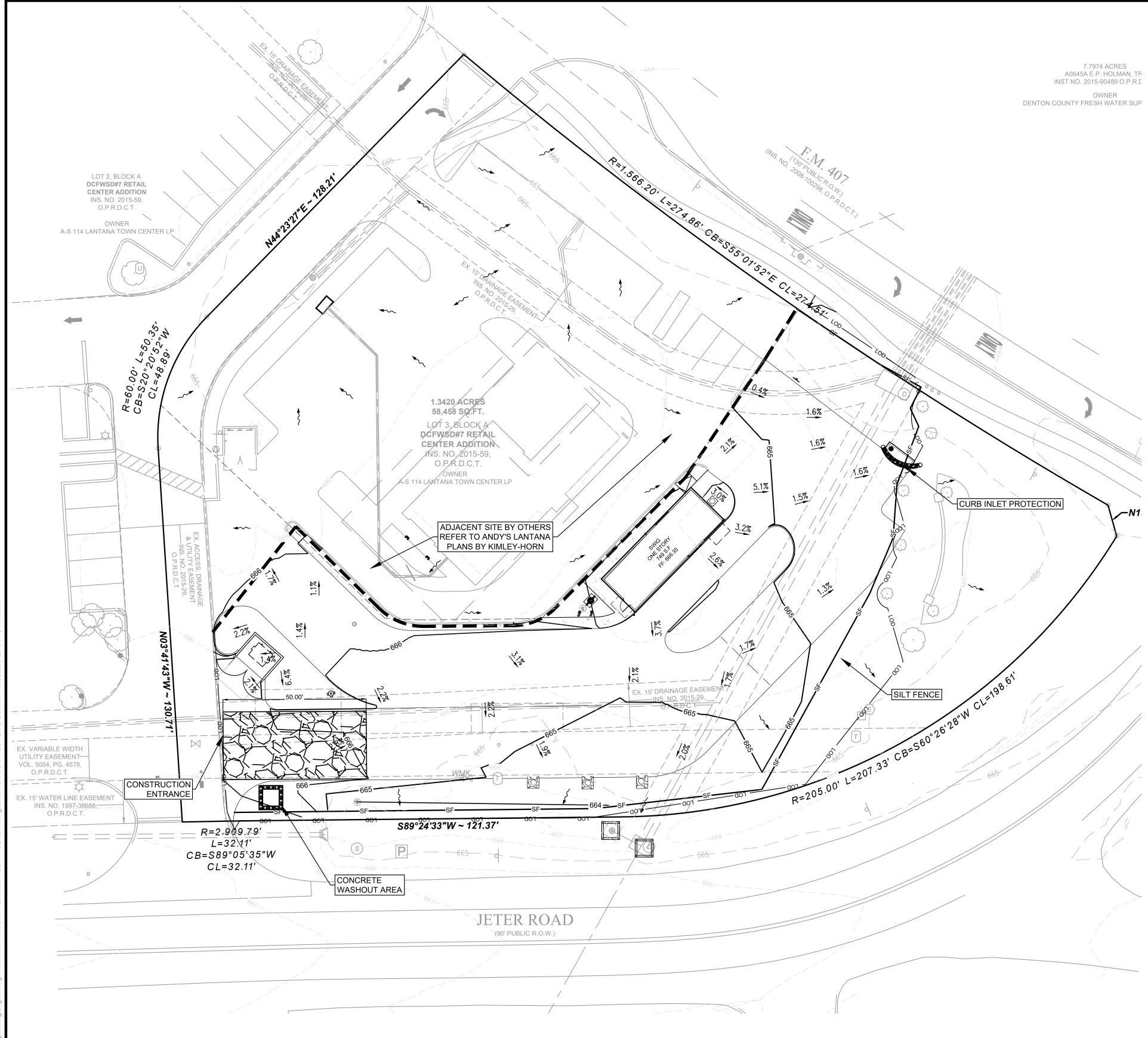


THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

PRELIMINARY NOT

				© 2021 BOW TBPE Firm Re		2805 Dallas Parkway Suite 310	Plano, Texas 75093
	DATE	1					
REVISIONS	DESCRIPTION						
	REVISION	1					
DEMOLITION PLAN SWIG 3800 FM 407 LANTANA, TX 76226							
DESIGN DRAWN CHKD RM RM KA JOB No. 070714-01-001 SHEET C1.0 FOR CONSTRUCTIC							

tem I2



	CONTROL POINT TABLE									
POINT	DESCRIPTION	NORTHING	EASTING	ELEV.						
500	X-CUT SET	7,077,821.43	2,389,163.88	665.64						
501	X-CUT SET	7,077,642.02	2,389,102.99	665.69						
502	5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04						
503	X-CUT SET	7,077,620.29	2,389,434.86	665.82						

## DISTURBED AREA

24,313 SQUARE FEET

0.56 ACRES

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE
NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

	_											
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC
ROUGH GRADE/SEDIMENT CONTROL												
TEMPORARY CONTROL MEASURES												
STRIP & STOCKPILE TOPSOIL												
STORM FACILITIES												
SITE CONSTRUCTION												
FINISH GRADING												
FOUNDATION/BUILDING CONSTRUCTION												
PERMANENT CONTROL STRUCTURES												
LANDSCAPING/SEED/FINAL STABILIZATION												

## **EROSION CONTROL NOTES**

- BY THE SWPPP AND THAT CONFORM TO FEDERAL, STATE, OR LOCAL DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- 2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
- OR AS REQUIRED BY THE GENERAL PERMIT. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- 5. ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED. 6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 7. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OPERATIONS IS PROHIBITED.
- 8. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. 9. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS
- INITIATED AS SOON AS PRACTICABLE. 10. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS
- ACTIVITY OCCURRING IN THESE AREAS. 11. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS
- PLAN AND/OR LANDSCAPE PLAN. 12. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- 13. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. 14. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING
- SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE. 15. ON-SITE AND OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE
- GENERAL PERMIT REQUIREMENTS.
- 16. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION. 17. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT
- SEDIMENT CONTROL MEASURES TO PREVENT EROSION AND SEDIMENTATION. 18. CONTRACTOR SHALL DESIGNATE/IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE. 19. CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH THE
- IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.

## **BMP MAINTENANCE NOTES**

ALL MEASURES STATED ON THESE PLANS SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR COMPLETED PHASE OF WORK OF FINAL STABILIZATION OF THE SITE. SEDIMENTATION CONTRO MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- 1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
- 2. ALL SEEDED/SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A REPAIRED AS NEEDED.
- 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED.
- ONE-HALF THE HEIGHT OF THE FENCE. 4. THE CONSTRUCTION ENTRANCE/EXIT SHALL BE MAINTAINED IN A CONDITION
- MAY REQUIRE PERIODIC TOP DRESSING OF THE EXIT AS CONDITIONS DEMAND. 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN A GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE AREA AS
- CONDITIONS DEMAND. 6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT LEAVING THE SITE SHALL BE CLEANED IMMEDIATELY.
- 7. ALL INLETS AND STORM DRAINS SHALL BE KEPT CLEAN OF DEBRIS AND SEDIMENT.
- AND/OR SEDIMENT FROM STORM DRAINS.

## CONSTRUCTION SEQUENCE

- 1. CONDUCT PRE-CONSTRUCTION MEETING WITH THE TOWN TO DISCUSS EROSION
- AND SEDIMENT CONTROLS AND CONSTRUCTION PHASING. 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- 3. INSTALL CONSTRUCTION FENCES.
- 4. PREPARE TEMPORARY PARKING AND STORAGE AREAS. 5. INSTALL INLET PROTECTION, SILT DIKES, AND SILT FENCE ON THE SITE AS
- SHOWN ON PLANS WITHIN THE CONSTRUCTION LIMITS. 6. DEMO EXISTING STRUCTURES, PAVEMENT, AND SPECIFIED UTILITIES.
- BEGIN GRADING THE SITE. 8. BEGIN CONSTRUCTION OF UTILITIES.
- 9. BEGIN SUBGRADE PREPARATION AND CONSTRUCTION OF STRUCTURES.
- 10. BEGIN INSTALLATION OF CURB, GUTTER, AND PAVING. 11. COMPLETE PERMANENT STABILIZATION ON AREAS WHERE CONSTRUCTION HAS
- COMPLETED. 12. COMPLETE FINAL GRADING AND INSTALLATION OF PERMANENT STABILIZATION
- OVER ALL AREAS. 13. OBTAIN CONCURRENCE FROM THE OWNER AND THE TOWN THAT THE SITE HAS BEEN FULLY STABILIZED.
- DEVICES.

14. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL 15. STABILIZE ALL AREAS DISTURBED BY BMP REMOVAL.

CONTRACTOR MAY COMPLETE CONSTRUCTION RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPS HAVE BEEN COMPLETELY INSTALLED.

THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY THE PROJECT CONSTRUCTION PROGRESS AND RECORDED BY THE GENERAL CONTRACTOR ON THESE PLANS.

1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS

3. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL

STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING

SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND

OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION

DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER

PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE

STOPPED FOR AT LEAST 7 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION

PERMANENTLY STOPPED SHALL BE SODDED/LANDSCAPED PER PLANS. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING

ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED. PROVISIONS MUST BE MADE TO INTERCEPT THE

ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE

PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND

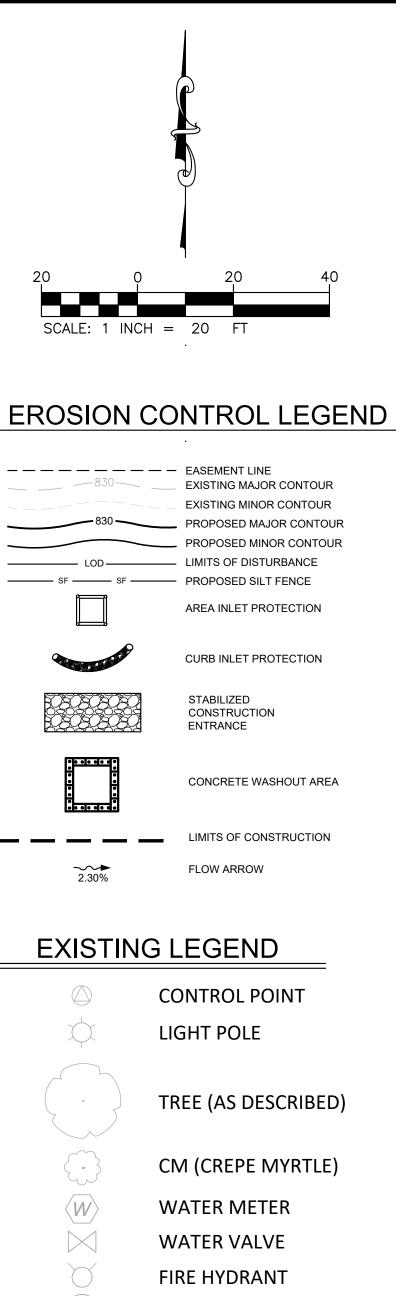
EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, NO UNNECESSARY OR

GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED AND

SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES

WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT FROM THE SITE. THIS

ANY DEBRIS AND/OR SEDIMENT THAT ENTERS ANY INLET OR STORM DRAIN SHALL BE CLEANED IMMEDIATELY. FLUSHING SHALL NOT BE USED TO CLEAN DEBRIS



SAN. SEWER MANHOLE SAN. SEWER CLEANOUT INLET RIM **IRRIGATION CONTROL VAL IRRIGATION SPRINKLER HI** BOLLARD POST

#### P.R.C.C.T. PLAT RECORDS

U.G. ELECTRIC U.G. TELE. LINE U.G. GAS U.G. WATER WOOD FENCE WIRE FENCE SIGN **PROPERTY CORNER** MARKER FOUND

( S

SV

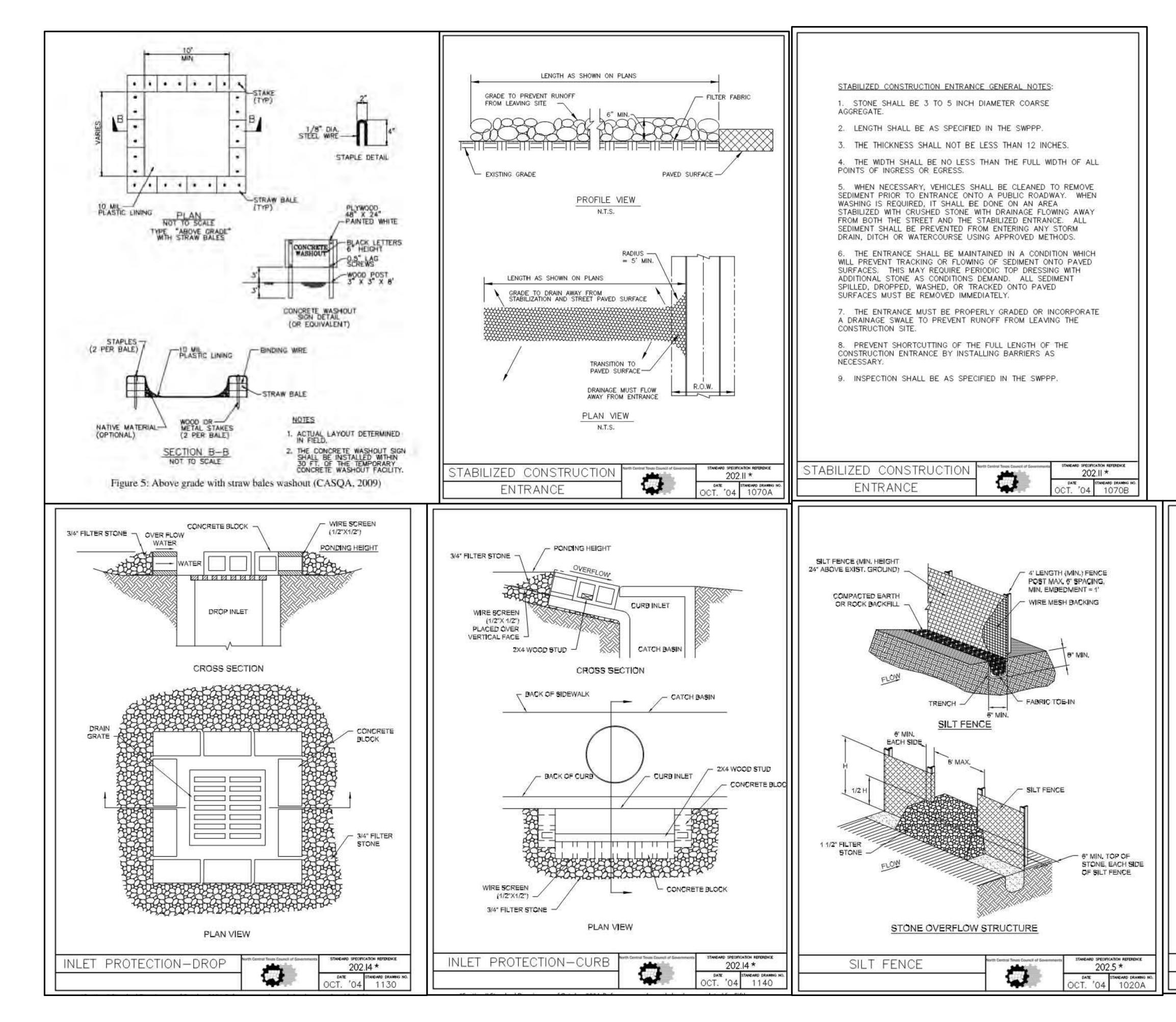
)				© 2021 Bowman Consulting Gi TBPE Firm Registration N		2805 Dallas Parkway	
	REVISIONS	DATE					
LVE EAD					3800 FM 407		



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

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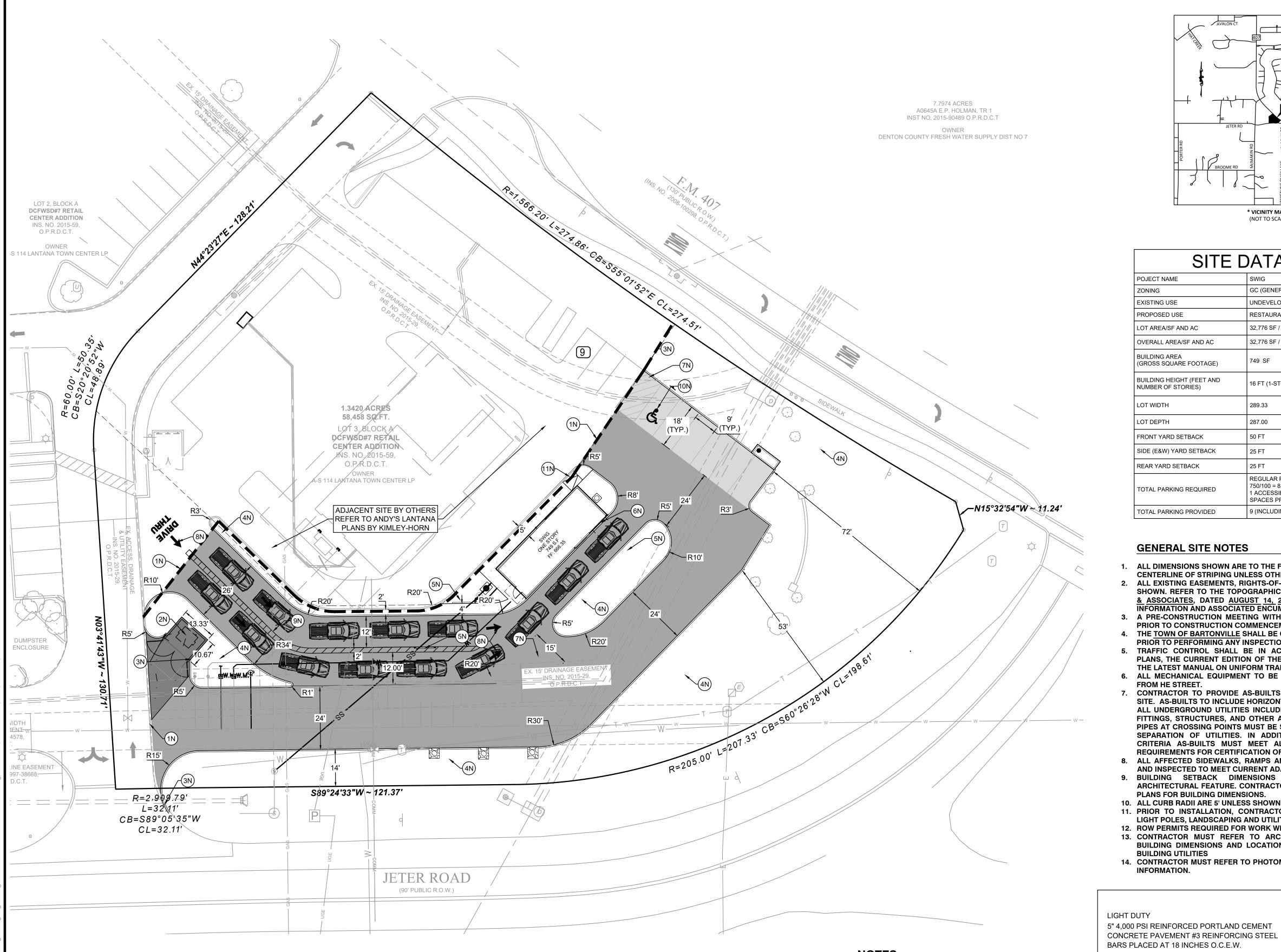
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CX.X - EROSION CONTROL DETAILS - EROSION CONTROL		CIVIC		3800 FM 407	I ANTANA TX 76226	
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SILT FENCE GENERAL NOTES:	
<ol> <li>POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.</li> </ol>	
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.	
<ol> <li>THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.</li> </ol>	
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WIRE BACKING, WHICH IN TURN IS ATTACHED TO THE FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.	
5. INSPECTION SHALL BE AS SPECIFIED IN THE SWPPP. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.	
<ol> <li>SILT FENCE SHALL BE REMOVED WHEN FINAL STABILIZATION IS ACHIEVED OR ANOTHER EROSION OR SEDIMENT CONTROL DEVICE IS EMPLOYED.</li> </ol>	
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.	
SILT FENCE	
DATE STANDARD DRAWING NO. OCT. '04 1020B	



### FLOOD STATEMENT

ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) MAP NO.48121C0510G DATED APRIL 18, 2011 PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FOR DENTON COUNTY, TEXAS, THIS PROPERTY IS WITHIN ZONE X.

CONTROL POINT TABLE									
POINT	DESCRIPTION	NORTHING	EASTING	ELEV.					
500	X-CUT SET	7,077,821.43	2,389,163.88	665.64'					
501	X-CUT SET	7,077,642.02	2,389,102.99	665.69'					
502	5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04'					
503	X-CUT SET	7,077,620.29	2,389,434.86	665.82'					

## NOTES

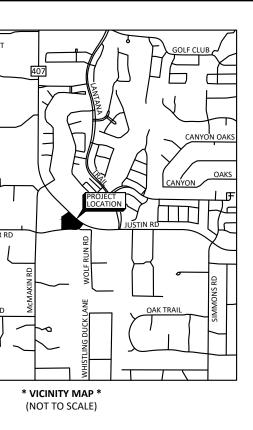
- 1N MATCH EXISTING PAVEMENT
- 2N DUMPSTER ENCLOSURE (REFER TO ARCH. PLANS)
- 3N END CURB
- 4N LANDSCAPE AREA
- 5N MENU ORDER BOARD (REFER TO ARCH, PLANS)
- 6N ORDER PICKUP WINDOW (REFER TO ARCH, PLANS)
- 7N NO PARKING STRIPING
- 8N PAVEMENT MARKING
- 9N AREA STRIPED AT 4" WIDE SINGLE SOLID YELLOW LINE AT 45 DEGREE AT 2' O.C.
- 10N ADA PARKING
- 11N ADA RAMP

**\*\*REFER TO GEOTECHNICAL REPOR** PROJECT NO. 23-25037 DATED SEPTI FOR MORE DETAILS

MEDIUM DUTY

HEAVY DUTY

PAVEMENT SUBGRADE



## SITE DATA TABLE GC (GENERAL COMMERCIAL) UNDEVELOPED LAND RESTAURANT 32,776 SF / 0.75 ACRES 32,776 SF / 0.75 ACRES 749 SF 16 FT (1-STOREY) 289.33 287.00 50 FT 25 FT 25 FT REGULAR PARKING RATIO FOR RESTAURANT 1:100 = 750/100 = 8 SPACES 1 ACCESSIBLE PARKING REQUIRED FOR 1 to 25 SPACES PROVIDED 9 (INCLUDING 3 EXISTING SPACES)

ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB, PROPERTY LINE OR **CENTERLINE OF STRIPING UNLESS OTHERWISE NOTED.** ALL EXISTING EASEMENTS, RIGHTS-OF-WAY, AND LOT LINES MAY NOT BE SHOWN. REFER TO THE TOPOGRAPHIC SURVEY PREPARED BY SPOONER

<u>& ASSOCIATES</u>, DATED <u>AUGUST 14, 2023</u>, FOR COMPLETE BOUNDARY INFORMATION AND ASSOCIATED ENCUMBRANCES. 3. A PRE-CONSTRUCTION MEETING WITH CITY ENGINEER SHALL BE HELD PRIOR TO CONSTRUCTION COMMENCEMENT.

4. THE TOWN OF BARTONVILLE SHALL BE GIVEN AT LEAST 48 HOURS NOTICE PRIOR TO PERFORMING ANY INSPECTIONS.

5. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE TXDOT DESIGN STANDARDS AND THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). 6. ALL MECHANICAL EQUIPMENT TO BE ROOF MOUNTED AND SCREENED

7. CONTRACTOR TO PROVIDE AS-BUILTS OF ALL IMPROVEMENTS TO THE SITE. AS-BUILTS TO INCLUDE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO, PIPES, FITTINGS, STRUCTURES, AND OTHER APPURTENANCES. ELEVATIONS OF PIPES AT CROSSING POINTS MUST BE SUFFICIENT TO IDENTIFY MINIMUM SEPARATION OF UTILITIES. IN ADDITION TO THE AFOREMENTIONED CRITERIA AS-BUILTS MUST MEET ALL LOCAL AND JURISDICTIONAL **REQUIREMENTS FOR CERTIFICATION OF CONSTRUCTION** 

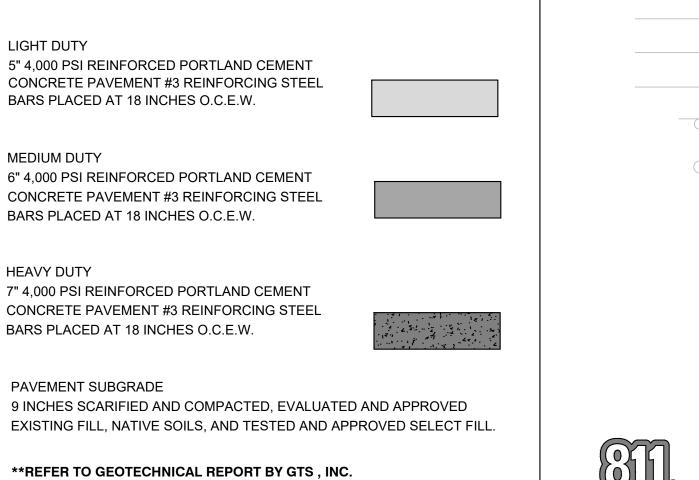
8. ALL AFFECTED SIDEWALKS, RAMPS AND CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS. 9. BUILDING SETBACK DIMENSIONS MEASURED TO OUTERMOST

ARCHITECTURAL FEATURE. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS. 10. ALL CURB RADII ARE 5' UNLESS SHOWN OTHERWISE.

11. PRIOR TO INSTALLATION, CONTRACTOR MUST VERIFY LOCATIONS OF LIGHT POLES, LANDSCAPING AND UTILITIES. 12. ROW PERMITS REQUIRED FOR WORK WITHIN ROW.

13. CONTRACTOR MUST REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND LOCATIONS OF ALL OUTSIDE DOORS AND

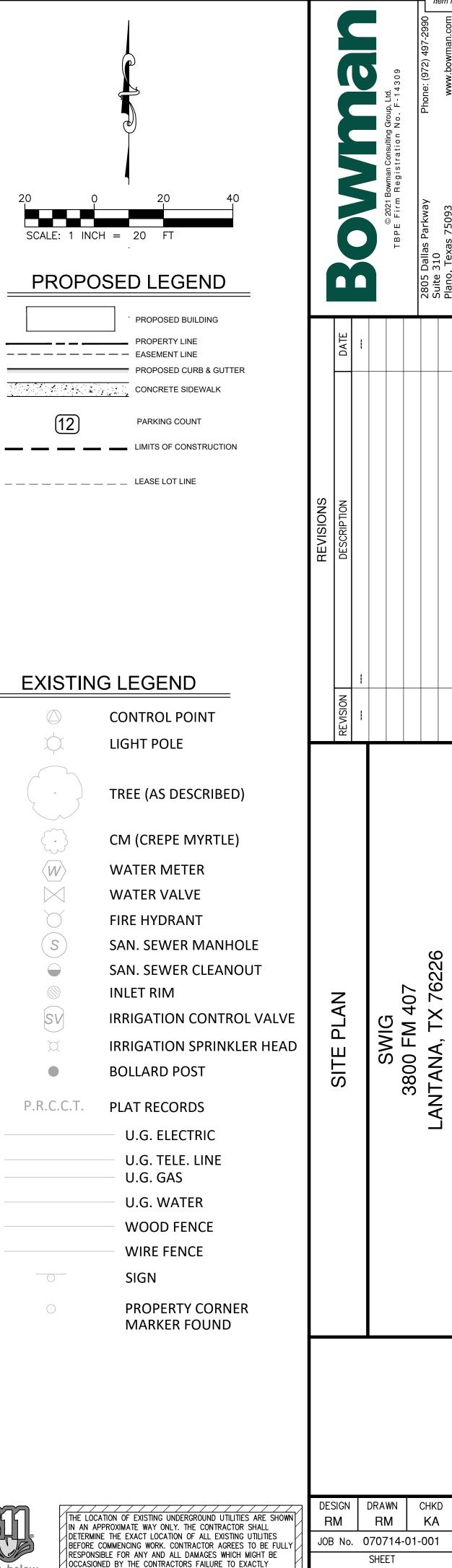
14. CONTRACTOR MUST REFER TO PHOTOMETRIC PLANS FOR SITE LIGHTING



Know what's **below**.

Call before you dig.

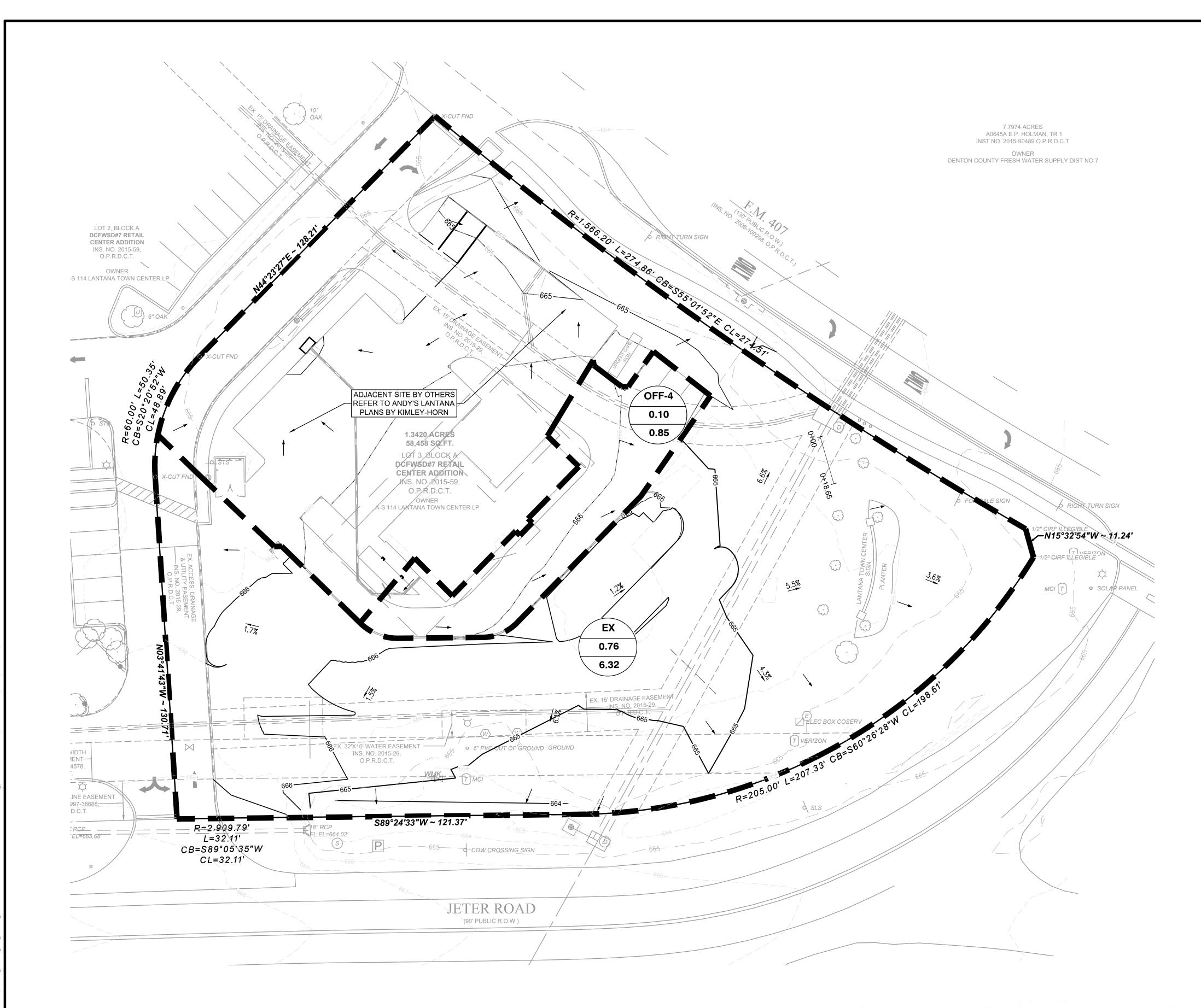
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LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

1

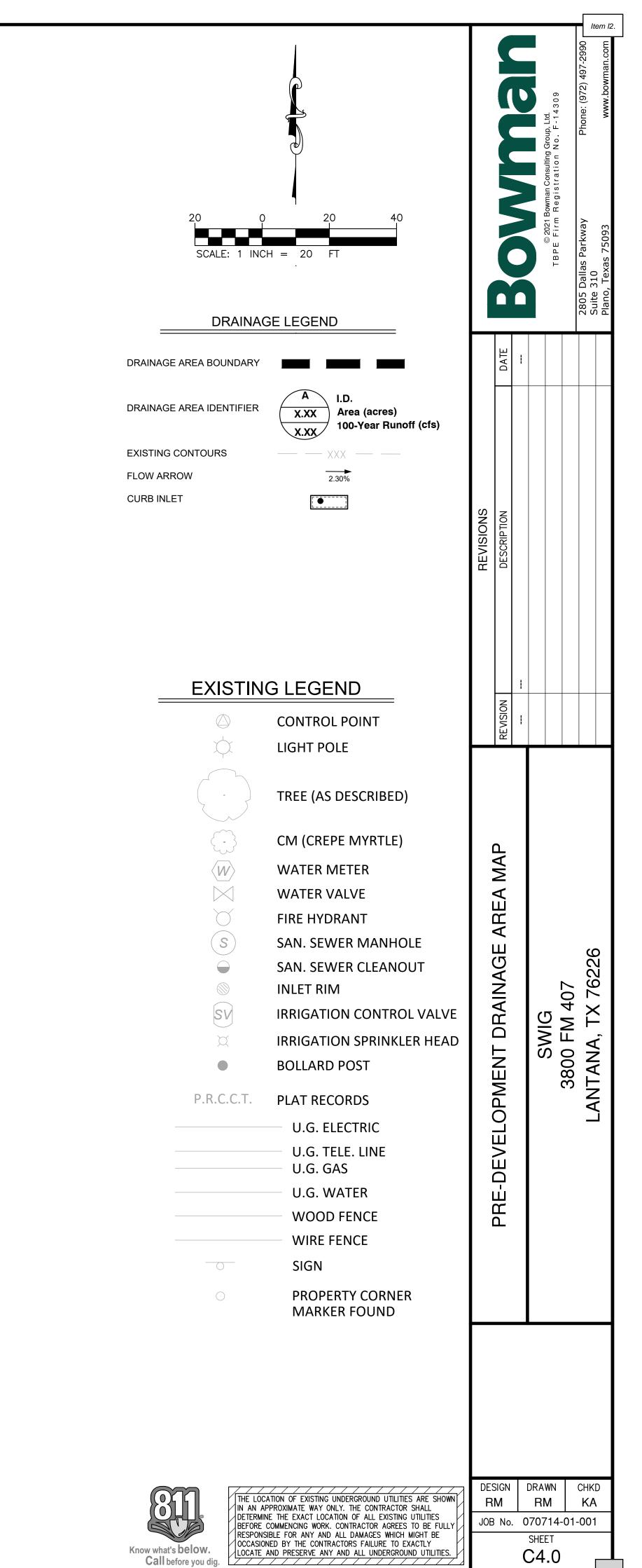


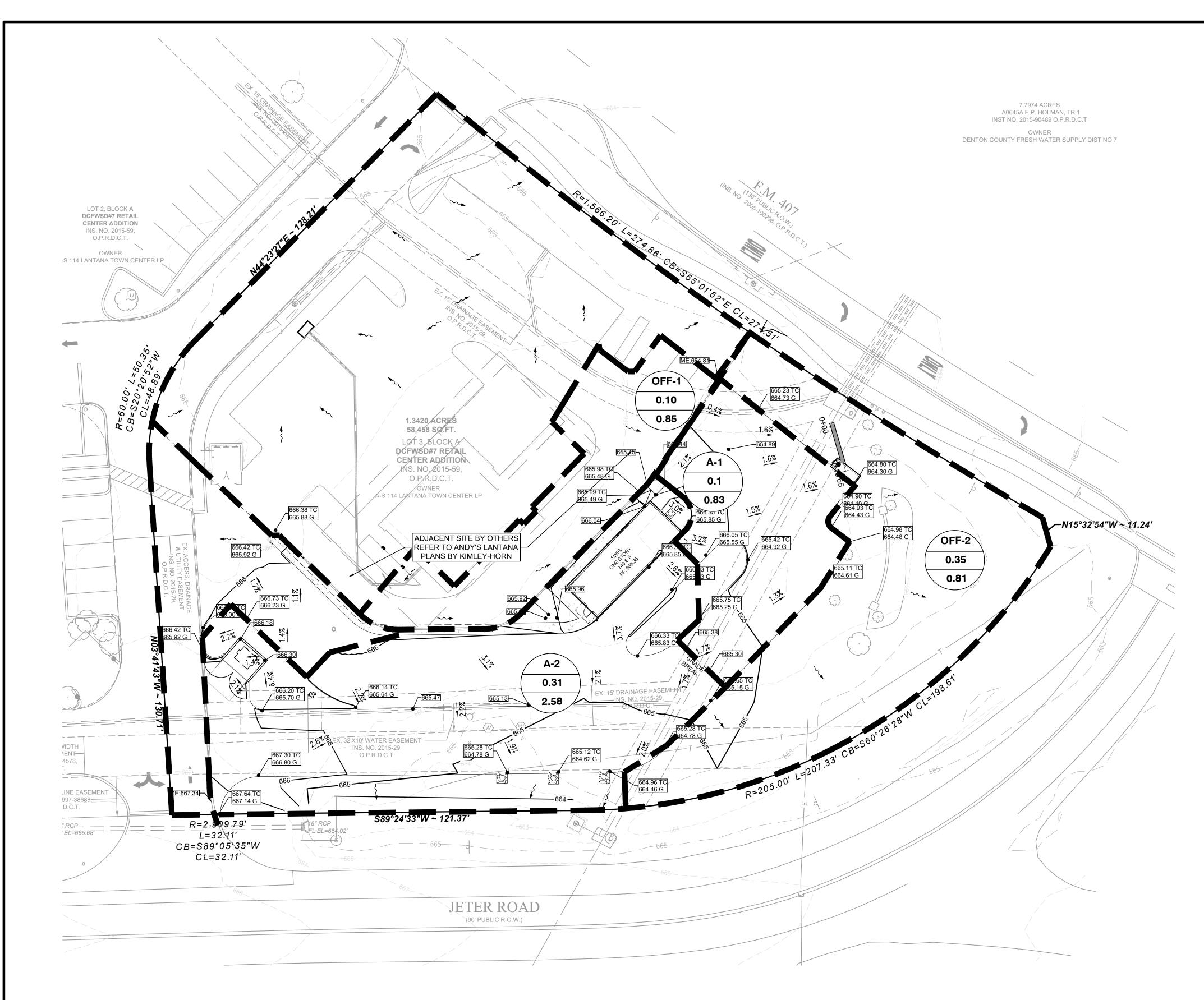
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X-CUT SET	7,077,642.02	2,389,102.99	665.69'					
5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04					
X-CUT SET	7,077,620.29	2,389,434.86	665.82					
	DESCRIPTION X-CUT SET X-CUT SET 5/8" CIRS "S&A CONTROL"	DESCRIPTION         NORTHING           X-CUT SET         7,077,821.43           X-CUT SET         7,077,642.02           5/8" CIRS "S&A CONTROL"         7,077,440.73	DESCRIPTION         NORTHING         EASTING           X-CUT SET         7,077,821.43         2,389,163.88           X-CUT SET         7,077,642.02         2,389,102.99           5/8" CIRS "S&A CONTROL"         7,077,440.73         2,389,287.85					

Í.		PRE-DEVELOPME	NT CONDITIONS		
DRAINAGE AREA	AREA (AC)	RUNOFF COEFFICIENT ( C )	RAINFALL INTENSITY I100 (IN/HR)	TIME OF CONCENTRATION (MIN)	FLOW Q100 (CFS)
EX-1	0.76	0.9	9.24	10	6.32

NOTES:

 RAINFALL INTENSITIES AND RUNOFF COEFFICIENT ARE BASED ON RECORD PLANS FOR LANTANA TOWN CENTER BY WINKELMANN & ASSOCIATES, INC. DATED 11/25/2013.



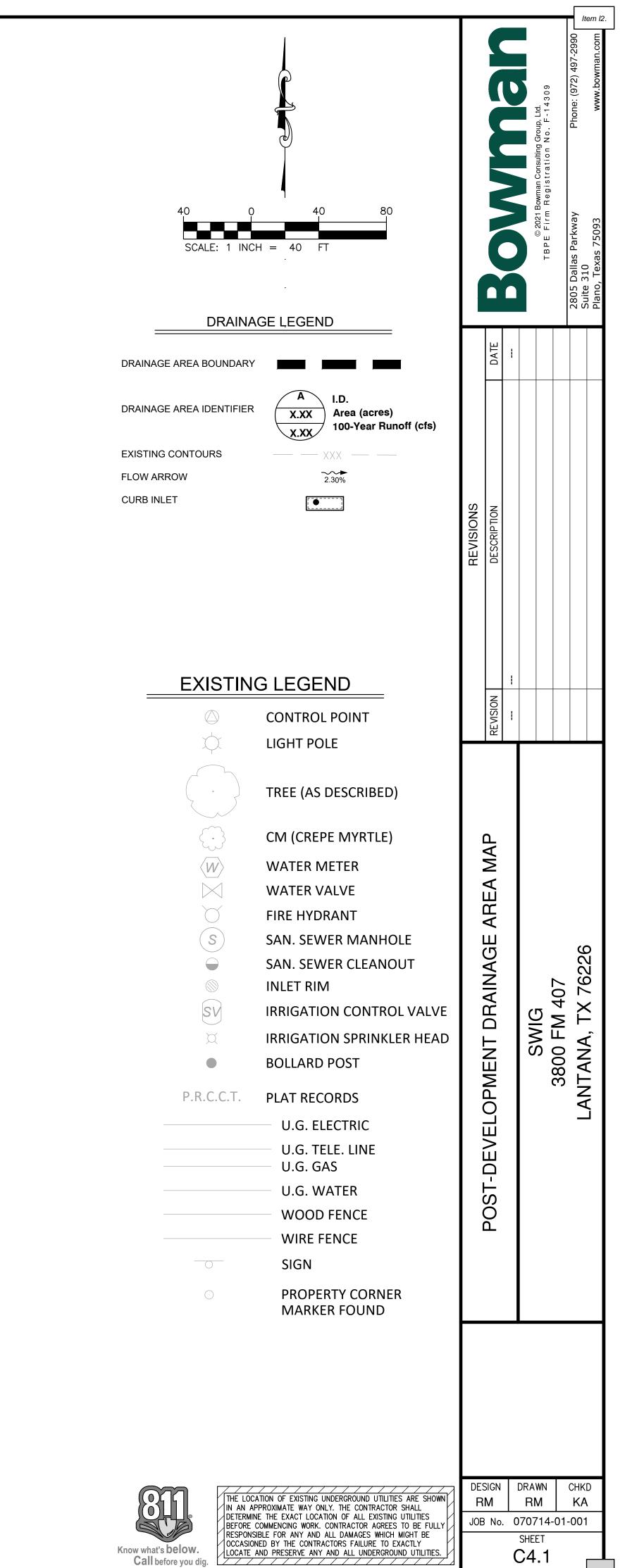


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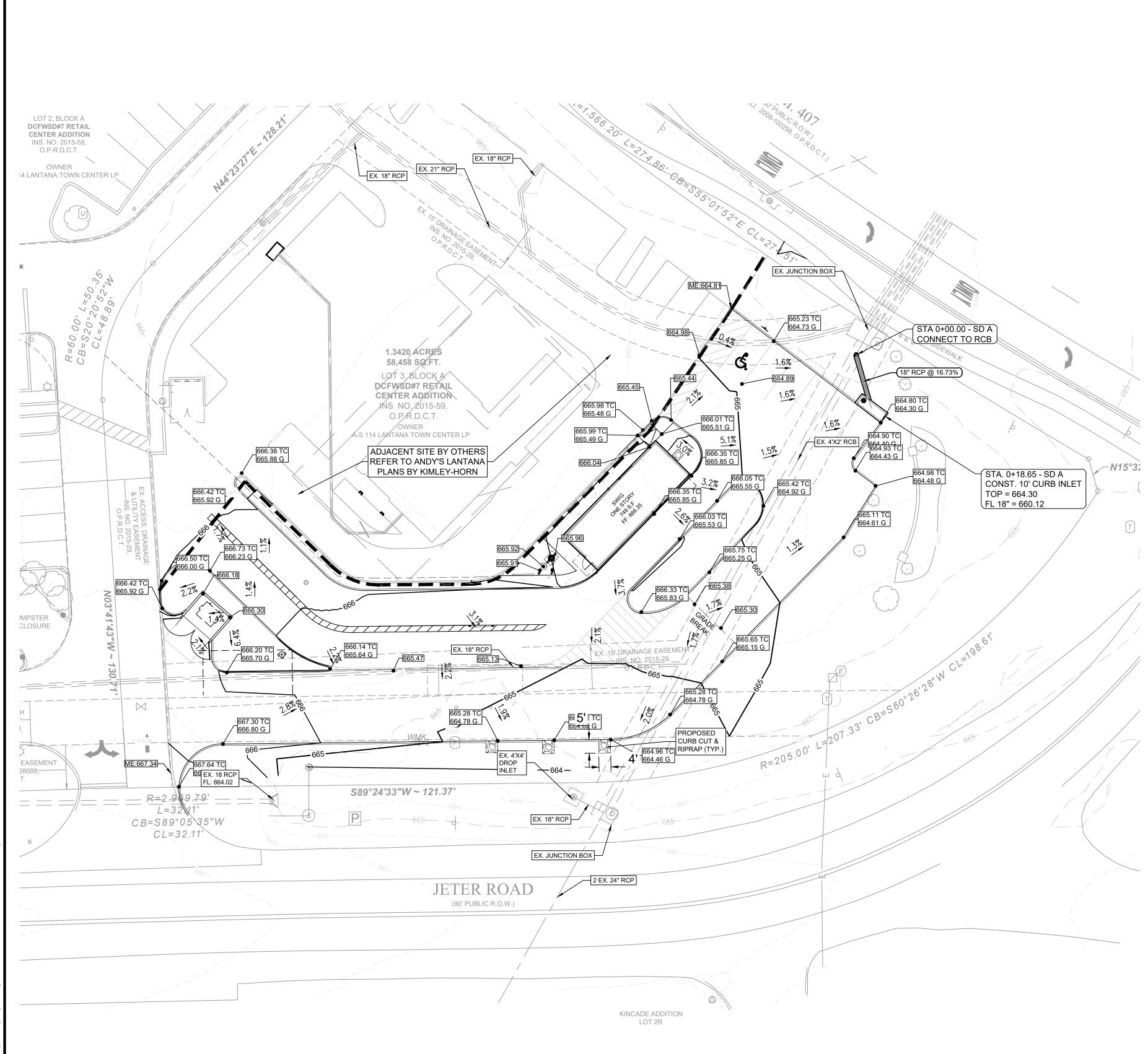
		POST-DEVELOPMI	ENT CONDITIONS			
DRAINAGE AREA	AREA (AC)	RUNOFF COEFFICIENT (C)	RAINFALL INTENSITY I100 (IN/HR)	TIME OF CONCENTRATION (MIN)	FLOW Q100 (CFS)	
A-1	0.1	0.9	9.24	10	0.83	
A-2	0.31	0.9	9.24	10	2.58	
OFF-1	0.1	0.9	9.24	10	0.83	
OFF-2	0.25	0.35	9.24	10	0.81	

NOTES:

 RAINFALL INTENSITIES AND RUNOFF COEFFICIENT ARE BASED ON RECORD PLANS FOR LANTANA TOWN CENTER BY WINKELMANN & ASSOCIATES, INC. DATED 11/25/2013.



PRELIMINARY NOT FOR CONSTRUCT



		CONTROL PO	DINT TABLE		
POIN	11	DESCRIPTION	NORTHING	EASTING	ELEV.
50	0	X-CUT SET	7,077,821.43	2,389,163.88	665.64
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50	2	5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04
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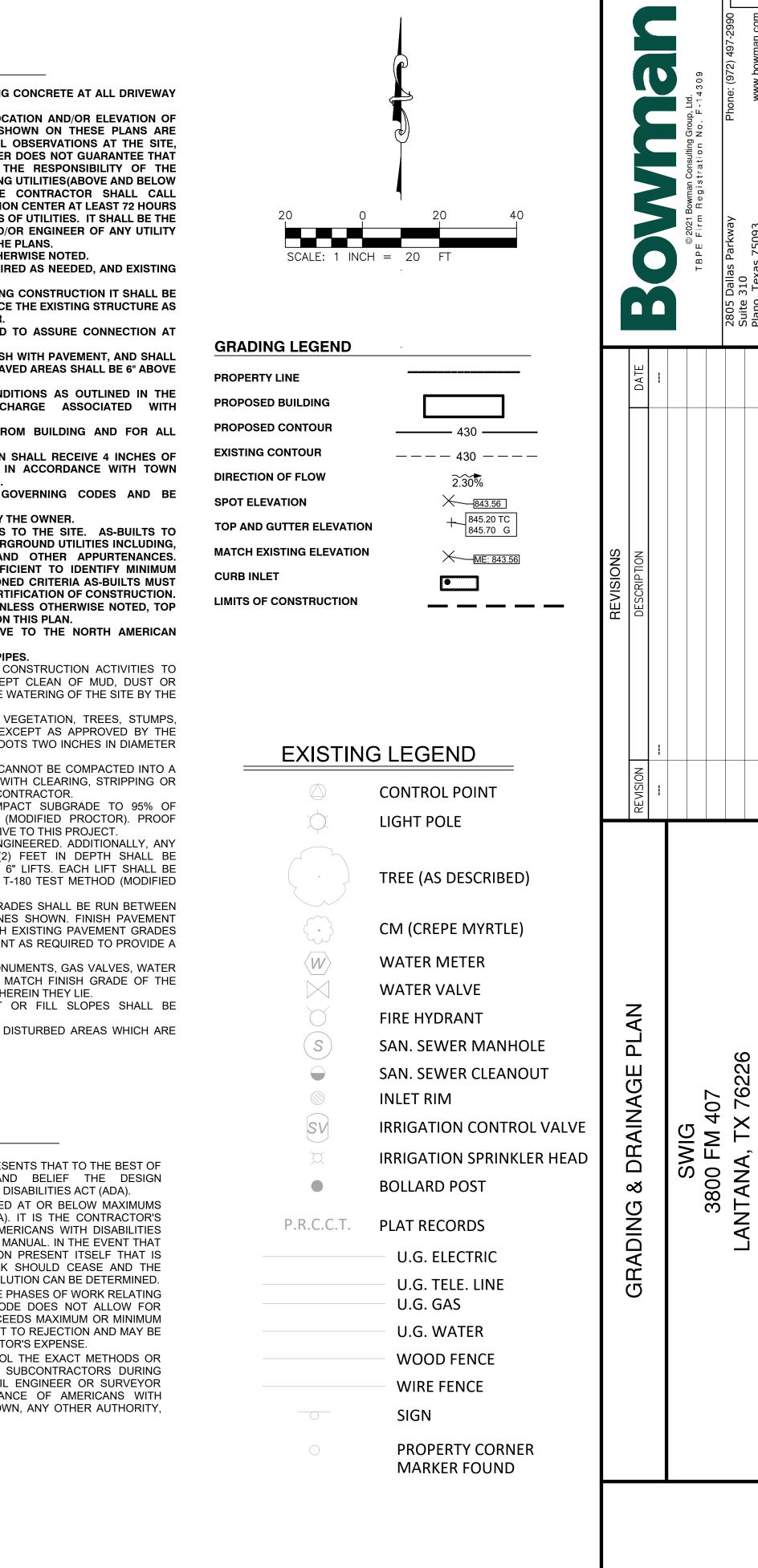
### **GRADING & DRAINAGE NOTES**

1. CONTRACTOR SHALL SAWCUT AND REPAIR 2' INTO THE EXISTING CONCRETE AT ALL DRIVEWAY

- CONNECTIONS. 2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE AND BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS, AND/OR FROM UTILITY OWNERS. THE OWNER DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE **RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY** CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING
- PIPES TO BE CLEANED OUT TO REMOVE ALL SILTS AND DEBRIS. 5. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS
- NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER. 6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- 7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE
- FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER". 8. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH
- CONSTRUCTIONS ACTIVITIES. 9. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND FOR ALL
- NATURAL AND PAVED AREAS. 10. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH TOWN SPECIFICATIONS UNTIL HEALTHY STAND OF GRASS IS OBTAINED. 11. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE
- CONSTRUCTED TO SAME.
- 12. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT PROVIDED BY THE OWNER. 14. CONTRACTOR TO PROVIDE AS-BUILTS OF ALL IMPROVEMENTS TO THE SITE. AS-BUILTS TO INCLUDE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO, PIPES, FITTINGS, STRUCTURES, AND OTHER APPURTENANCES. ELEVATIONS OF PIPES AT CROSSING POINTS MUST BE SUFFICIENT TO IDENTIFY MINIMUM SEPARATION OF UTILITIES. IN ADDITION TO THE AFOREMENTIONED CRITERIA AS-BUILTS MUST MEET ALL LOCAL AND JURISDICTIONAL REQUIREMENTS FOR CERTIFICATION OF CONSTRUCTION. 15. ALL PROPOSED SPOT ELEVATIONS ARE PAVEMENT GRADES, UNLESS OTHERWISE NOTED, TOP
- OF CURB ELEVATIONS ARE 6 INCH ABOVE ELEVATIONS SHOWN ON THIS PLAN. 16. ALL ELEVATIONS PRESENTED IN THESE PLANS ARE RELATIVE TO THE NORTH AMERICAN
- VERTICAL DATUM OF NAVD 88. 17. CONTRACTOR TO MAINTAIN 1' MINIMUM CLEARANCE BETWEEN PIPES. 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE
- CONTRACTOR. 19. CLEAR AND GRUB WITHIN WORK LIMITS FOR ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ROOTS, ETC. DO NOT DAMAGE OR REMOVE TRESS EXCEPT AS APPROVED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS. PROTECT ALL ROOTS TWO INCHES IN DIAMETER OR LARGER.
- 20. STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER WHICH CANNOT BE COMPACTED INTO A STABLE MASS. ALL TRESS, BRUSH, AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR 21. IMMEDIATELY FOLLOWING FINE GRADING OPERATIONS, COMPACT SUBGRADE TO 95% OF
- MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR). PROOF ROLLING WITH A LOADED DUMP TRUCK IS A SUITABLE ALTERNATIVE TO THIS PROJECT. 22. ALL FILLS WITHIN PUBLIC ROW AND EASEMENTS SHALL BE ENGINEERED. ADDITIONALLY, ANY
- FILLS OUTSIDE OF PUBLIC ROW WHICH ARE OVER TWO (2) FEET IN DEPTH SHALL BE ENGINEERED. ENGINEERED FILLS SHALL BE CONSTRUCTED IN 6" LIFTS. EACH LIFT SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR).
- 23. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADE ELEVATIONS AND/OR FINISH CONTOUR LINES SHOWN. FINISH PAVEMENT GRADES AT TRANSITION TO EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR SHALL BE FEATHERED PAST JOINTS WITH EXISTING PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINAGE SURFACE.
- 24. ALL EXISTING AND CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES, AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA, OR MEDIAN STRIP WHEREIN THEY LIE. 25. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO CUT OR FILL SLOPES SHALL BE
- CONSTRUCTED STEEPER THAN 3:1.
- 26. CONTRACTOR SHALL HYDROSEED ALL EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT SCHEDULED TO BE LANDSCAPED.

## ADA NOTES

- 1. THE DESIGN PROFESSIONAL SIGNING THIS DOCUMENT REPRESENTS THAT TO THE BEST OF HIS/HER PROFESSIONAL JUDGEMENT, KNOWLEDGE, AND BELIEF THE DESIGN SPECIFICATIONS HEREIN COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- 2. ALL GRADES/SLOPES SHOWN ON THIS PLAN WERE DESIGNED AT OR BELOW MAXIMUMS ALLOWED BY THE AMERICANS WITH DISABILITIES ACT (ADA). IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES, AND THE ADA DESIGN MANUAL. IN THE EVENT THAT A DESIGN QUESTION SHOULD ARISE, OR A FIELD CONDITION PRESENT ITSELF THAT IS DIFFERENT FROM THOSE SHOWN ON THESE PLANS, WORK SHOULD CEASE AND THE ENGINEER SHOULD BE NOTIFIED SO THAT AN ACCEPTABLE SOLUTION CAN BE DETERMINED.
- 3. THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL THE PHASES OF WORK RELATING TO ADA ACCESSIBILITY FOR THIS PROJECT. SINCE THE CODE DOES NOT ALLOW FOR CONSTRUCTION TOLERANCE, ANY CONSTRUCTION THAT EXCEEDS MAXIMUM OR MINIMUM DIMENSIONS AND SLOPES AS REQUIRED BY ADA ARE SUBJECT TO REJECTION AND MAY BE REQUIRED TO BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- 4. SINCE THE CIVIL ENGINEER OR SURVEYOR CANNOT CONTROL THE EXACT METHODS OR MEANS USED BY THE GENERAL CONTRACTOR OR THEIR SUBCONTRACTORS DURING GRADING AND CONSTRUCTION OF THE PROJECT, THE CIVIL ENGINEER OR SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE FINAL ACCEPTANCE OF AMERICANS WITH DISABILITIES ACT ACCESSIBILITY RELATED ITEMS BY THE TOWN, ANY OTHER AUTHORITY, OR AFFECTED PARTIES.



CONTRACTOR SHALL CONTACT 811 FOR LOCATION OF ALL UTILITIES, AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION.



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ∕IN AN APPROXIMAT DETERMINE THE EX BEFORE COMMENC FULLY RESPONSIBLE FOR OCCASIONED BY LOCATE AND PRE ITIES.

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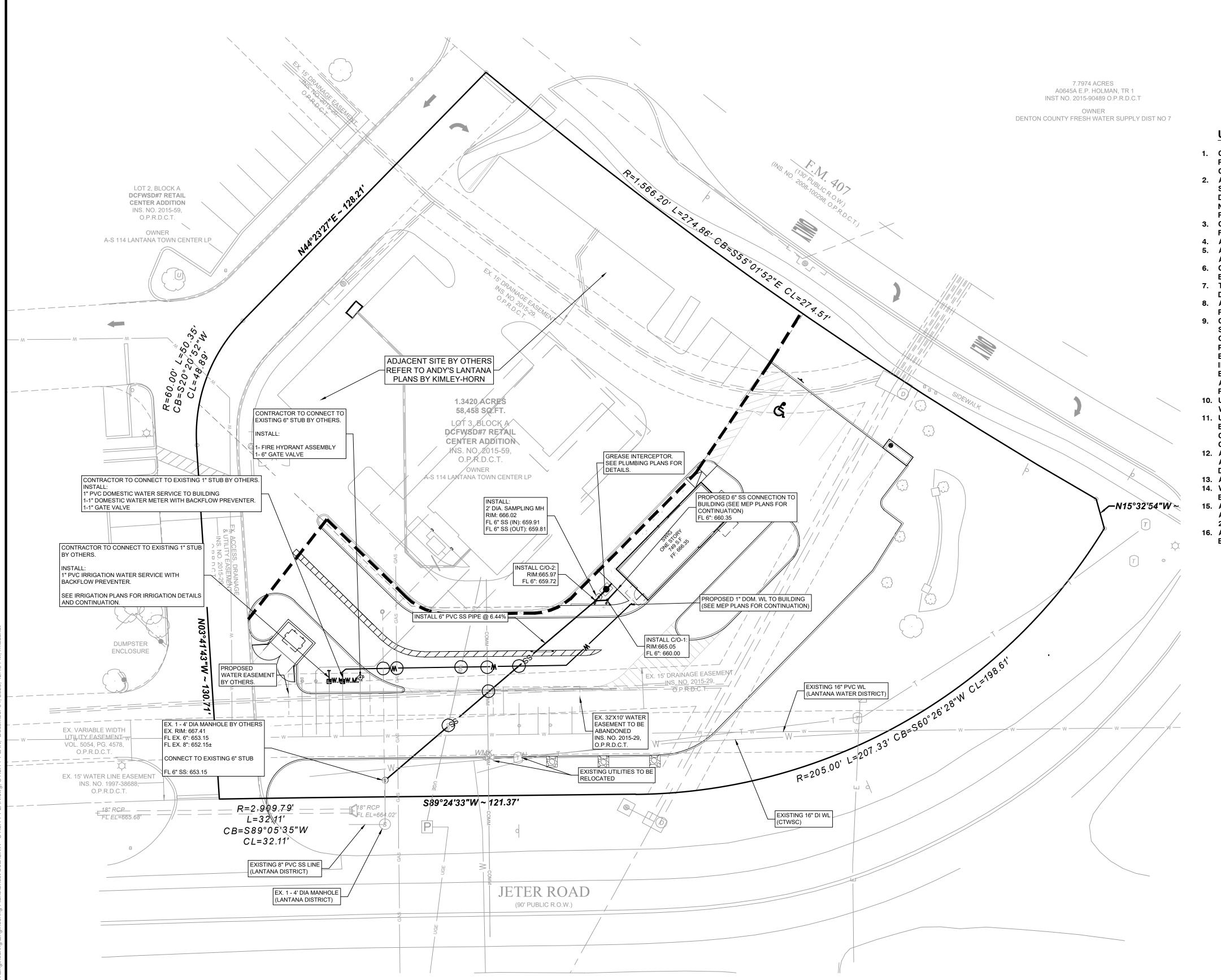
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	CONTROL PO	DINT TABLE		
POINT	DESCRIPTION	NORTHING	EASTING	ELEV.
500	X-CUT SET	7,077,821.43	2,389,163.88	665.64
501	X-CUT SET	7,077,642.02	2,389,102.99	665.69
502	5/8" CIRS "S&A CONTROL"	7,077,440.73	2,389,287.85	666.04
503	X-CUT SET	7,077,620.29	2,389,434.86	665.82

### UTILITY NOTES

- ROM WHAT IS SHOWN ON PLANS.
- AND BEDDING DETAIL.
- **BUILDING UTILITY TIE INS.**
- DEPTHS OF UTILITY LINES.

- WORK WITH EXISTING UTILITIES.
- DEPARTMENT.
- 13. ALL WATER LINES SHALL BE C900 DR-18 PVC. BEGINS.
- BACKFLOW PREVENTER.

1. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND IS **RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING UTILITIES DURING** CONSTRUCTION AT NO COST TO THE OWNER.

2. ALL UTILITIES ARE SHOWN FROM INFORMATION GATHERED AND SHOULD NOT BE USED AS EXACT. CONTRACTOR SHALL VERIFY EXACT DEPTHS AND LOCATIONS PRIOR TO UTILITY INSTALLATION AND NOTIFY THE ENGINEER OF RECORD IF THERE ARE ANY DEVIATIONS

3. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY FOR INSTALLATION AND SPECIFICATION REQUIREMENTS. 4. ALL PIPE MATERIALS SHALL COMPLY WITH LOCAL REGULATIONS. 5. ALL TRENCHING AND BEDDING SHALL BE PER THE UTILITY TRENCH

6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL

7. THE CONTRACTOR IS TO FIELD VERIFY THE EXACT LOCATIONS AND 8. ALL CERTIFICATES AND SHOP DRAWINGS MUST BE SUBMITTED,

**REVIEWED, AND APPROVED PRIOR TO STARTING CONSTRUCTION.** 9. CONTRACTOR TO PROVIDE AS-BUILTS OF ALL IMPROVEMENTS TO THE SITE. AS-BUILTS TO INCLUDE HORIZONTAL AND VERTICAL LOCATIONS

OF ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO, PIPES, FITTINGS, STRUCTURES, AND OTHER APPURTENANCES. **ELEVATIONS OF PIPES AT CROSSING POINTS MUST BE SUFFICIENT TO** IDENTIFY MINIMUM SEPARATION OF UTILITIES AS DEFINED BY ENGINEER. IN ADDITION TO THE AFOREMENTIONED CRITERIA, AS-BUILTS MUST MEET ALL LOCAL AND JURISDICTIONAL **REQUIREMENTS FOR CERTIFICATION OF CONSTRUCT.** 

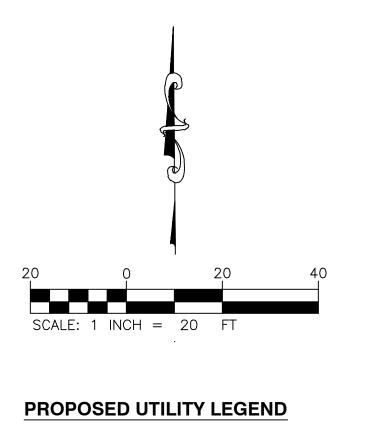
10. UNDERGROUND UTILITIES TO BE FIELD VERIFIED IN RIGHT-OF-WAY

11. UTILITY CONNECTIONS ARE SHOWN TO WITHIN 5 FEET OF THE BUILDING. CONTRACTOR TO REFER TO BUILDING PLANS FOR EXACT CONNECTION POINTS ON BUILDING AND VERIFY THAT THERE ARE NO CONFLICTS PRIOR TO START OF CONSTRUCTION. 12. ALL EXISTING AND PROPOSED WATER VALVES TYPES AND LOCATIONS

ARE TO BE APPROVED BY THE TOWN OF BARTONVILLE PUBLIC WORKS

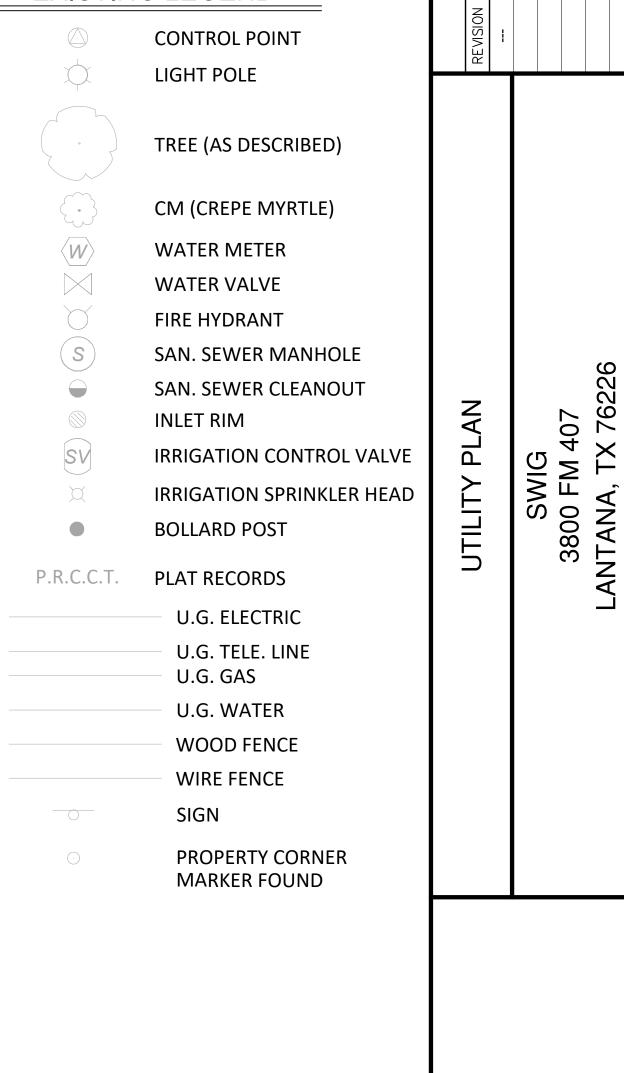
14. WATER INJECTION OF PADS MUST OCCUR BEFORE UTILITY WORK

15. ALL GATE VALVE LOCATED OUTSIDE OF PAVED STREETS SHALL HAVE A CONCRETE PAD AROUND THE VALVE RISER. THE PAD SHALL BE 24"x24"x6". AND REINFORCED WITH NO. 3 STEEL REINFORCEMENT. 16. ALL IRRIGATION METERS SHALL HAVE A TESTABLE DOUBLE CHECK



## PROPOSED BUILDING PROPERTY LINE ---- EASEMENT LINE PROPOSED CURB & GUTTER CONCRETE SIDEWALK SANITARY CLEAN OUT **⊙** C.O. oW.M. WATER METER UTILITY CROSSING LIMITS OF CONSTRUCTION FIRE HYDRANT

## EXISTING LEGEND



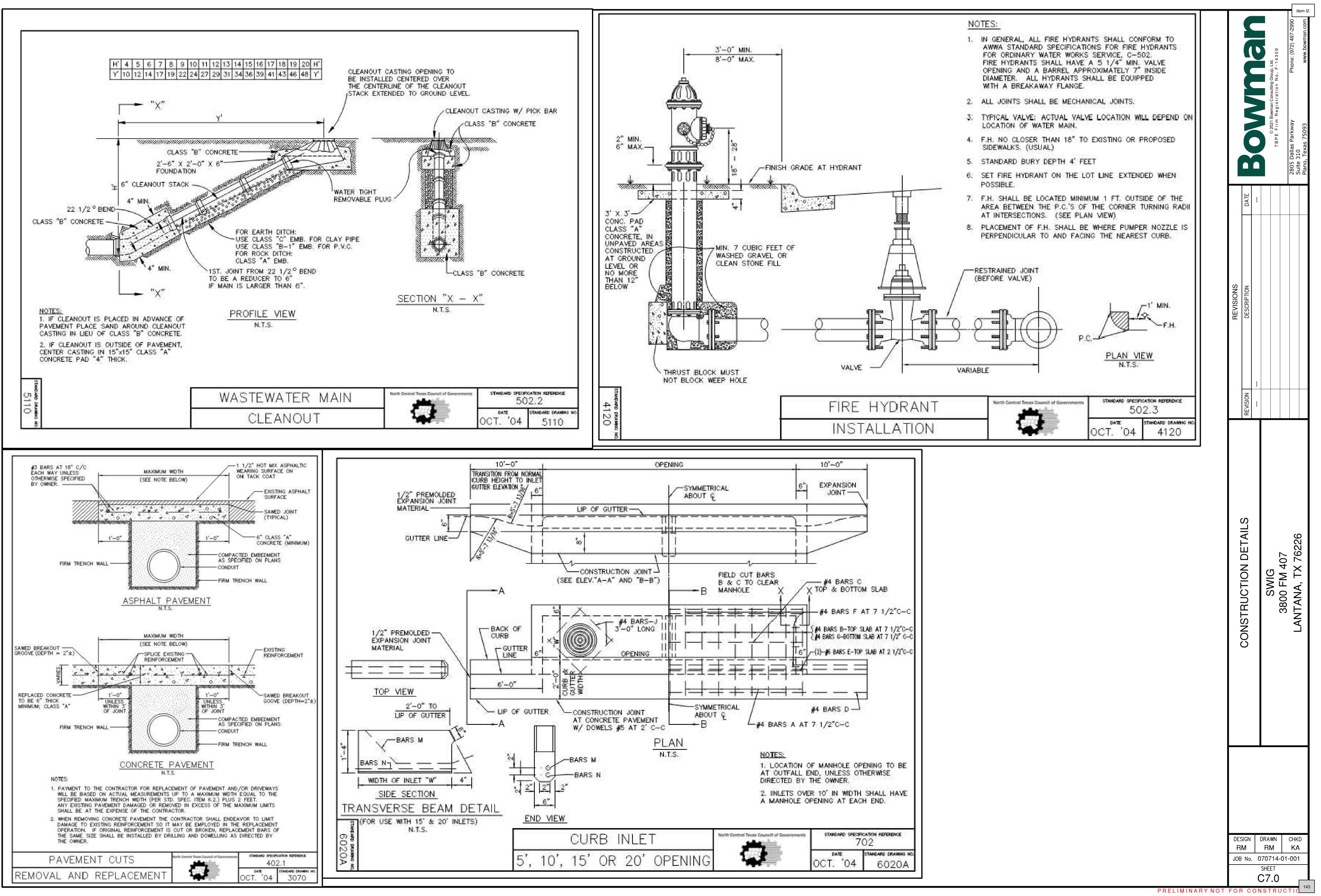


THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. 

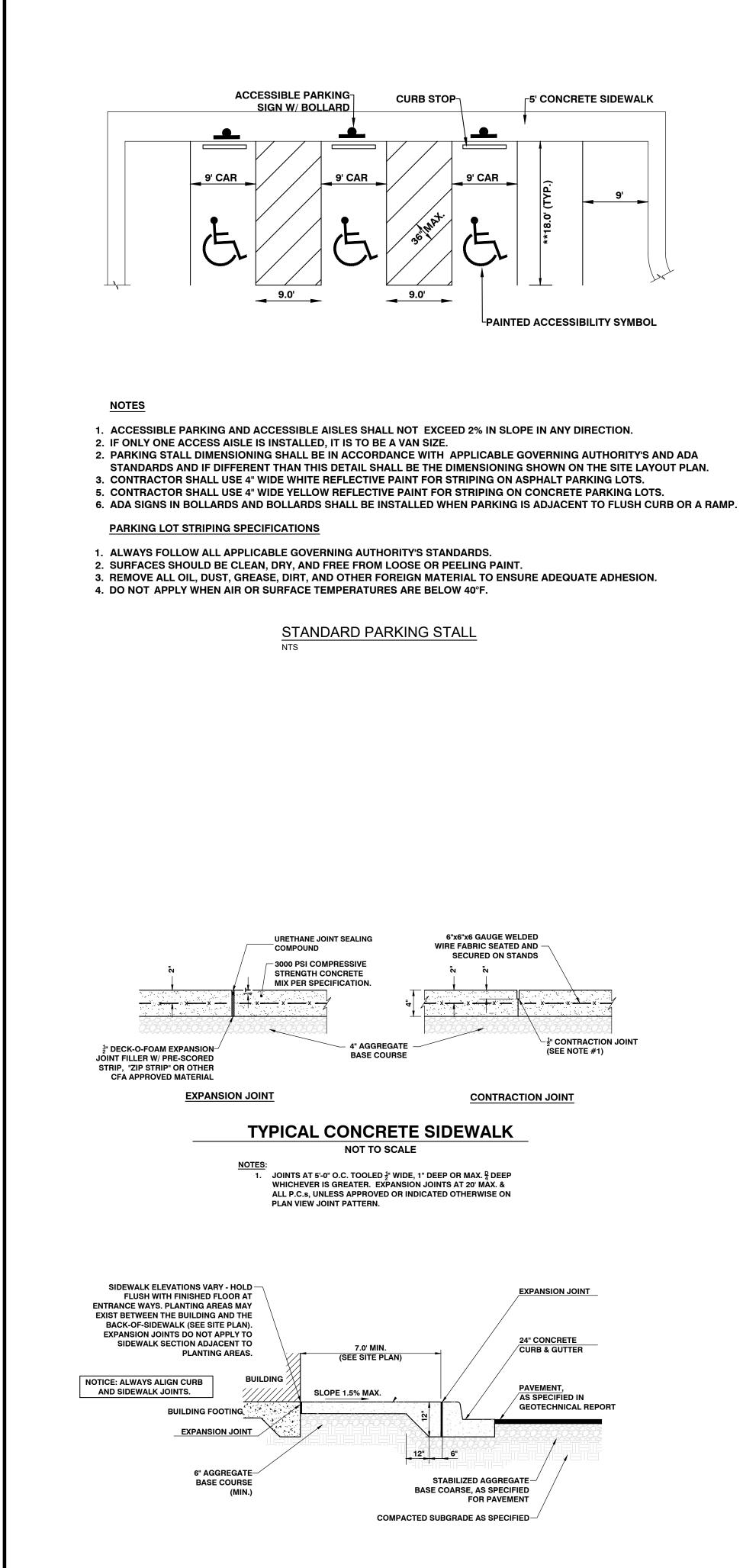
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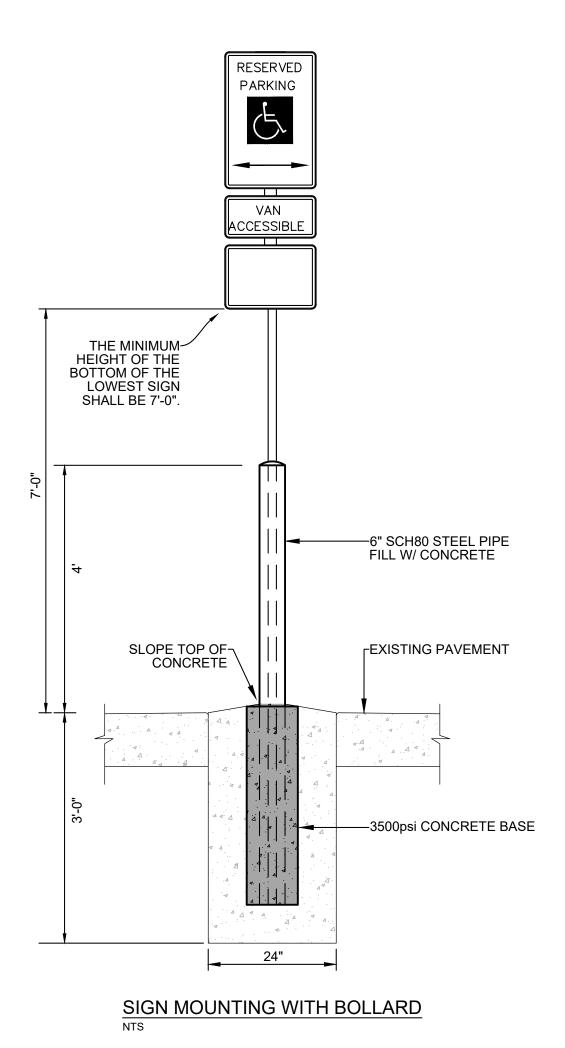
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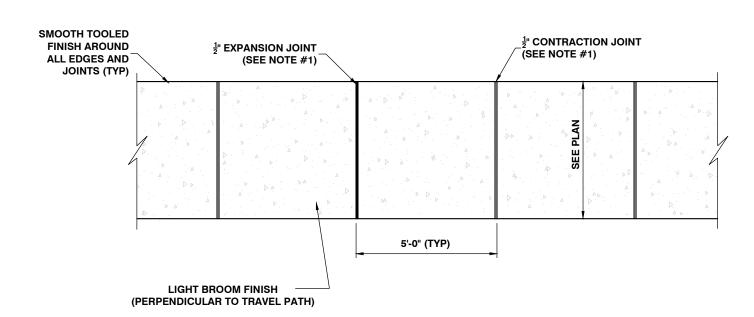
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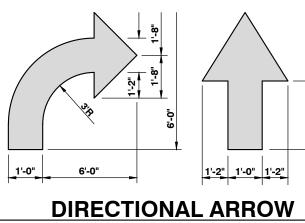


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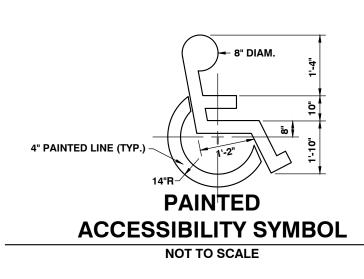




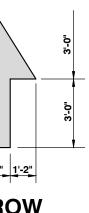
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**REFLECTIVE PAINT ON CONCRETE.** 

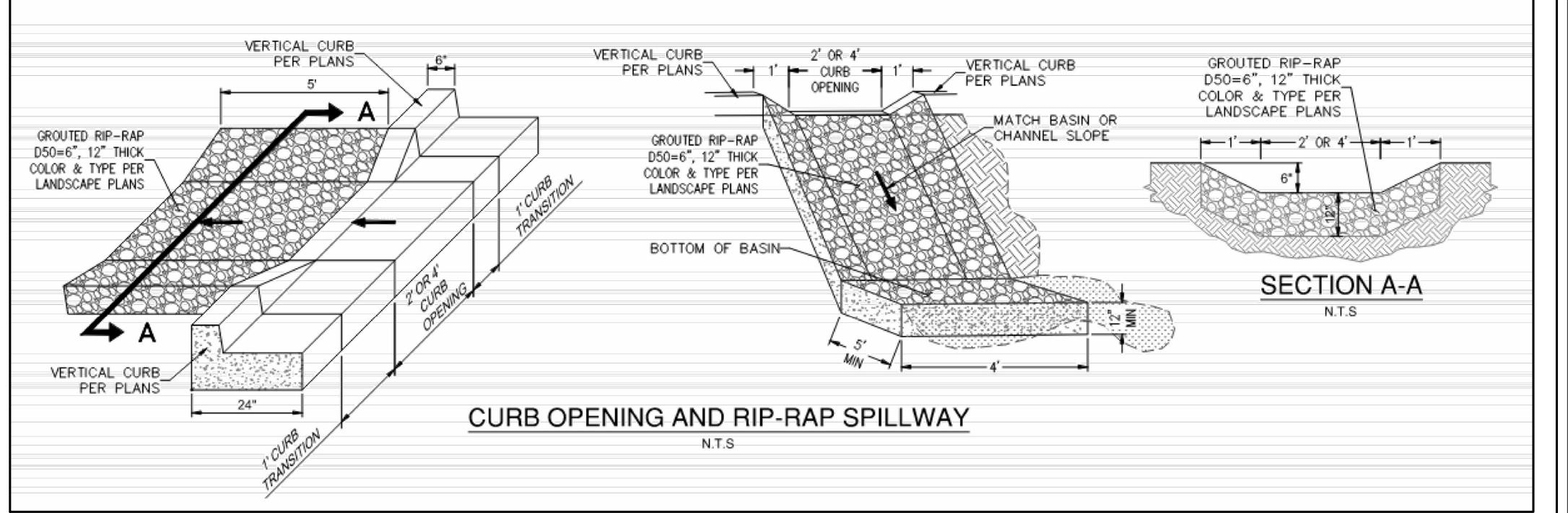
				© 2021 Bowman Consulting Group, Ltd. TBPE Firm Registration No. F-14309		2805 Dallas Parkway Phone: (972) 497-2990	Plano, Texas 75093 www.bowman.com
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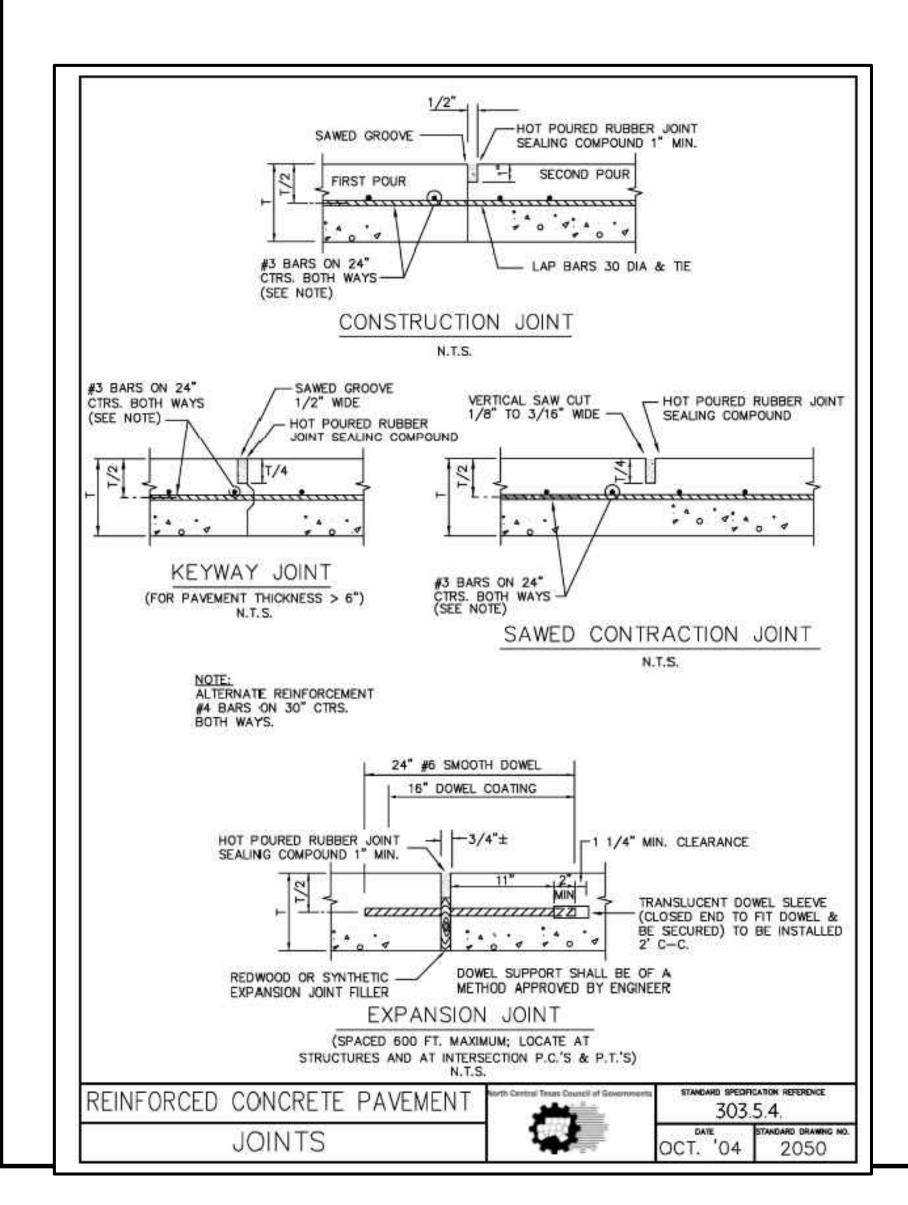


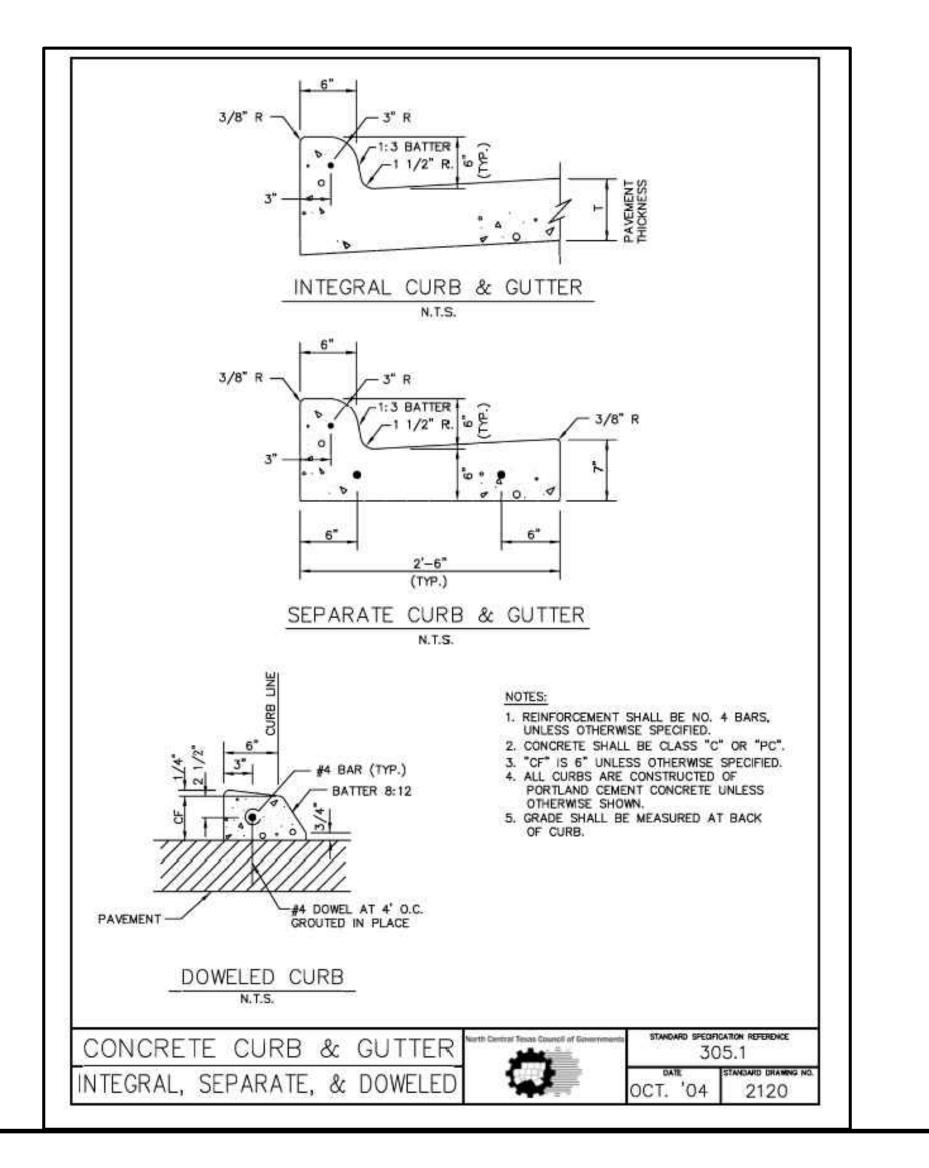
NOTES: 1. CONTRACTOR SHALL USE WHITE REFLECTIVE PAINT ON ASPHALT & YELLOW REFLECTIVE PAINT ON CONCRETE, DEFINITION OF DEFINITION BY THE GENERAL CONTRAC UNLESS UPON VERIFICATION BY THE GENERAL CONTRACTOR IT IS DETERMINED THAT LOCAL, STATE, OR ADA CODES DIFFER, IN WHICH CASE THESE CODES SHALL GOVERN.

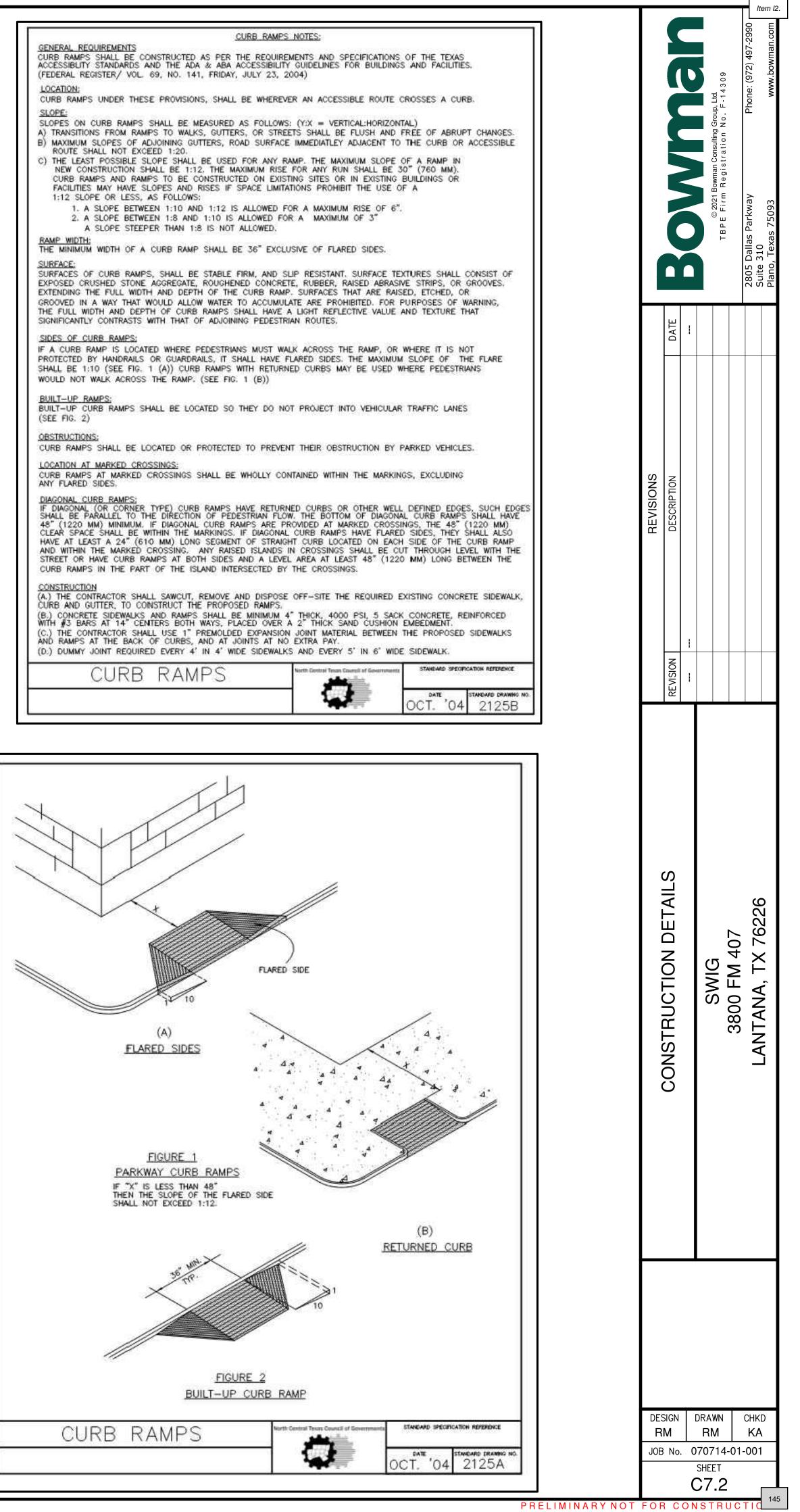


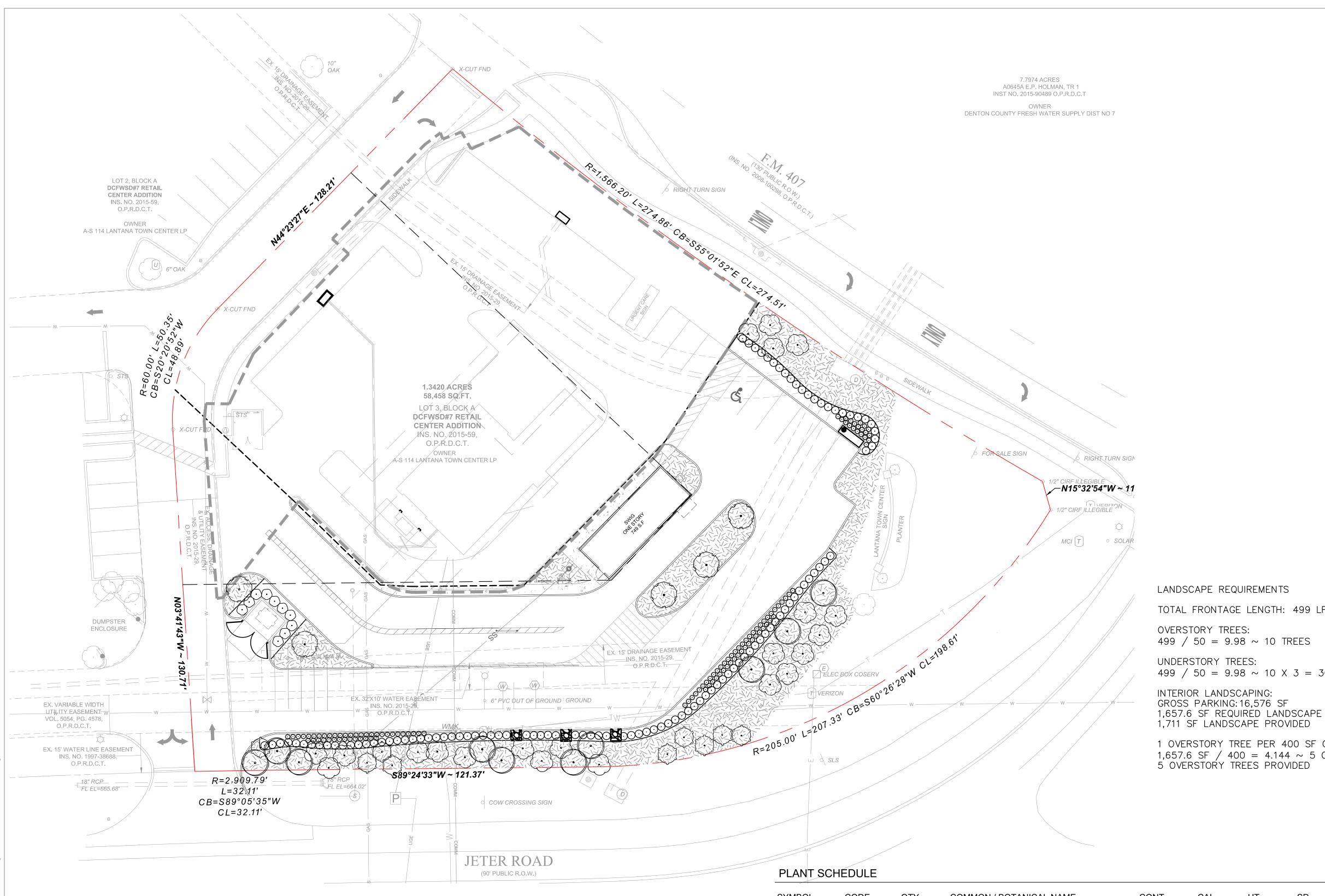
NOTES: 1. CONTRACTOR SHALL USE WHITE REFLECTIVE PAINT ON ASPHALT & YELLOW











SYMBOL	CODE	<u>QTY</u>	COMMON / BOTANICAL NAME	CONT.	CAL.	<u>H</u>
TREES						
(· )	LW	21	Dynamite® Crape Myrtle / Lagerstroemia indica 'Whit II'	65 gal	2.5"Cal	6`-
$(\cdot)$	QV	10	Southern Live Oak / Quercus virginiana	45 gal	2.5"Cal	8`-
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	UP	5	Lacebark Elm / Ulmus parvifolia	45 gal	2.5"Cal	8`-
	VC	9	Chaste Tree / Vitex agnus-castus	30 gal	1.5"Cal	6`-
SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT.	<u>HT.</u>	<u>0.</u>
SHRUBS						
$\odot$	IB	104	Dwarf Burford Holly / Ilex cornuta 'Burfordii Nana'	5 gal	18"	36
$\bigcirc$	MD	10	Dwarf Wax Myrtle / Morella cerifera Don`s Dwarf	10 gal	36"	48
	RR	112	Red Drift® Groundcover Rose / Rosa x 'Meigalpio'	3 gal	10"	24
GROUND COV	ERS					
		6 100 cf	Parmuda Crass / Cunadan daatulan 'Tif 410'	sod		

CT SOD

6,199 sf Bermuda Grass / Cynodon dactylon `Tif 419` sod

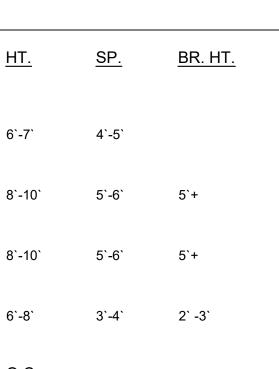
# LANDSCAPE NOTES

- 1. ALL MATERIAL QUANTITIES ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES.
- 2. CONTRACTOR SHALL HAVE ALL UTILITY LINES LOCATED BEFORE PERFORMING ANY EXCAVATION FOR LANDSCAPE AND/OR IRRIGATION INSTALLATION. CONTRACTOR SHALL TAKE NECESSARY STEPS TO PROTECT EXISTING UTILITIES.
- 3. PRIOR TO APPLYING SOD OR HYDROSEED, ALL STONES AND DEBRIS LARGER THAN 1 INCH IN ANY DIMENSION SHALL BE REMOVED AND SURFACE MUST BE TOP DRESSED WITH 2" OF TOPSOIL AND FINE GRADED SMOOTH.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A FULL AND HEALTHY STAND OF GRASS AT THE TIME OF POSSESSION BY THE OWNER.
- 5. ALL AREAS DISTURBED BY CONSTRUCTION (INCLUDING AREAS OUTSIDE PROPERTY LINES) SHALL BE PLANTED AND WATERED A MINIMUM OF 10 WEEKS OR UNTIL GRASS IS FULLY ESTABLISHED.
- 6. LANDSCAPE BED EDGING SHALL BE PROVIDED WHERE INDICATED ON PLANS AND BETWEEN PLANTING/STONE BEDS AND LAWN AREAS/SIDEWALKS. SEE SHEET L3.1 FOR DETAILS.
- 7. OPEN AREAS WITHIN LANDSCAPE BEDS SHALL BE MULCHED AS SHOWN IN DETAILS ON SHEET L3.1 AND AS SPECIFIED.
- 8. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PHOTOGRAPHS OF ACTUAL LANDSCAPE MATERIALS AND SUBMITTING THEM TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL PRIOR TO INSTALLATION.
- 9. PLANT MATERIAL SELECTED SHALL FOLLOW THE GUIDELINES OF THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND MEET OR EXCEED ALL SIZE REQUIREMENTS LISTED ON PLANT SCHEDULE.
- 10. ALL PLANTINGS SHALL BE MAINTAINED IN A HEALTHY STATE BY LANDSCAPE CONTRACTOR AND SHALL BE WARRANTED (FOR REPLACEMENT) FOR ONE (1) CALENDAR YEAR AFTER ACCEPTANCE OF THE LANDSCAPE INSTALLATION.

TOTAL FRONTAGE LENGTH: 499 LF

499 / 50 = 9.98 ~ 10 X 3 = 30 TREES

1 OVERSTORY TREE PER 400 SF OF REQUIRED LANDSCAPE 1,657.6 SF /  $400 = 4.144 \sim 5$  OVERSTORY TREES REQUIRED



<u>0.C.</u>



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CONTROL POINT LIGHT POLE

TREE (AS DESCRIBED)

CM (CREPE MYRTLE)

WATER METER

WATER VALVE

FIRE HYDRANT SAN. SEWER MANHOLE

SAN. SEWER CLEANOUT INLET RIM IRRIGATION CONTROL VALVE **IRRIGATION SPRINKLER HEAD** 

BOLLARD POST

#### P.R.C.C.T. PLAT RECORDS

E	U.G. ELECTRIC
<i>T</i>	
	U.G. WATER
	WOOD FENCE
X	WIRE FENCE
0	SIGN
$\odot$	PROPERTY CORNER MARKER FOUND

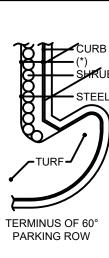


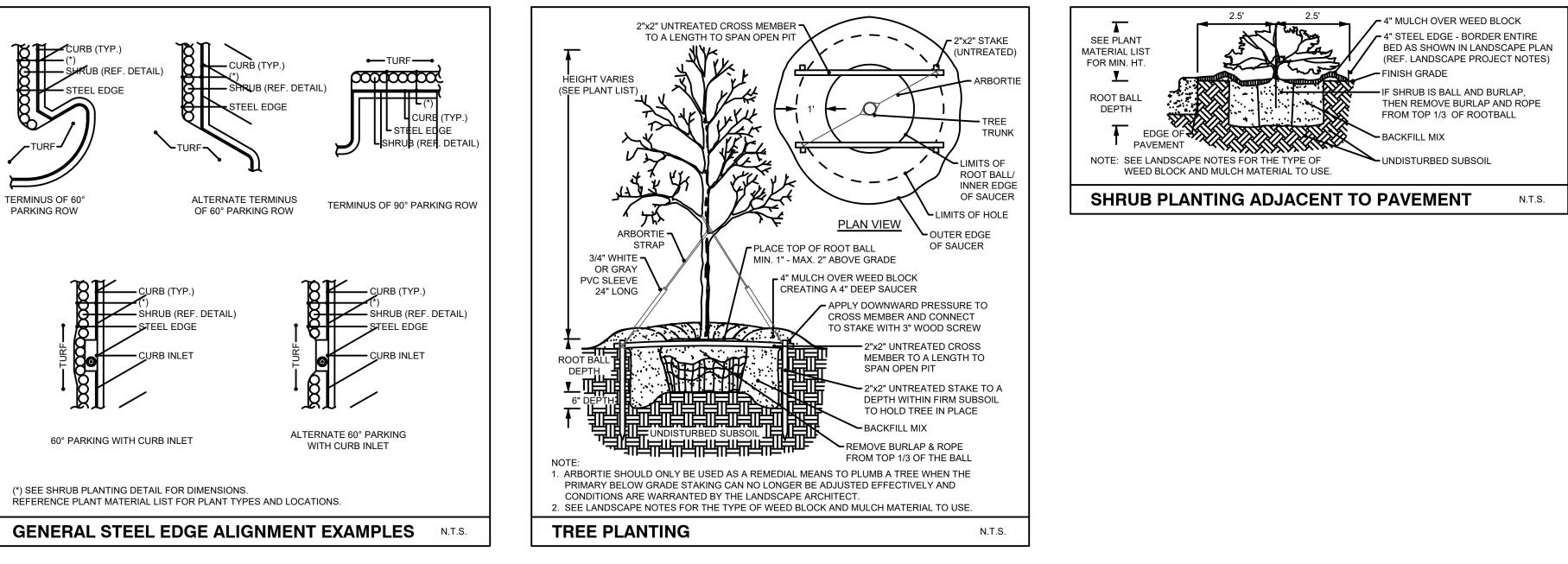
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES **JOB No.** 070714-01-001 BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY Call before you dig.

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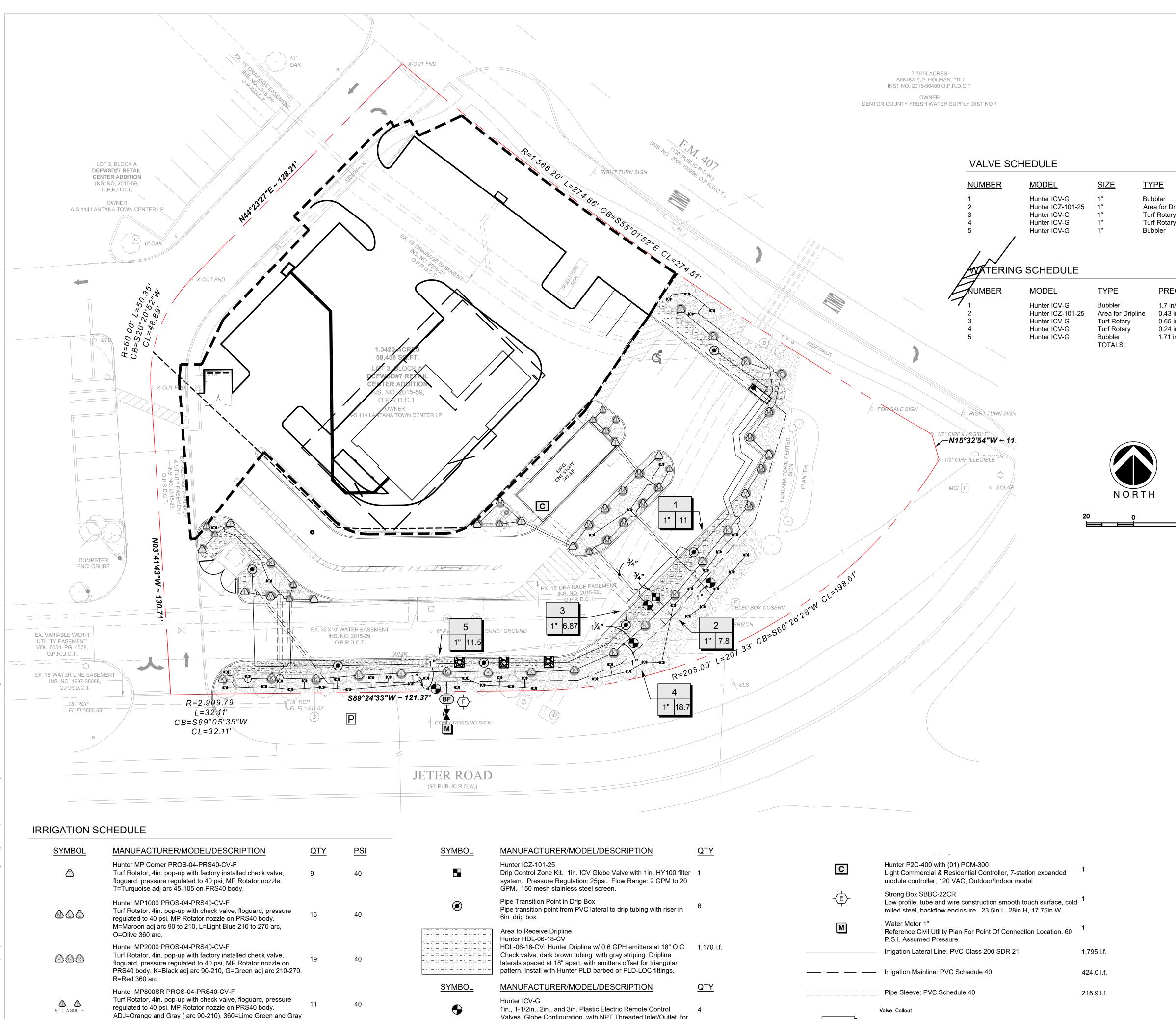


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(arc 360)

Hunter PROS-PRS30-00-PCN

Flood Bubbler, on fixed riser.

**-⊙- ₩ -O- X** 25 50 10 20

Valves, Globe Commercial/M Shut Off Valve

M

(BF)

45

30

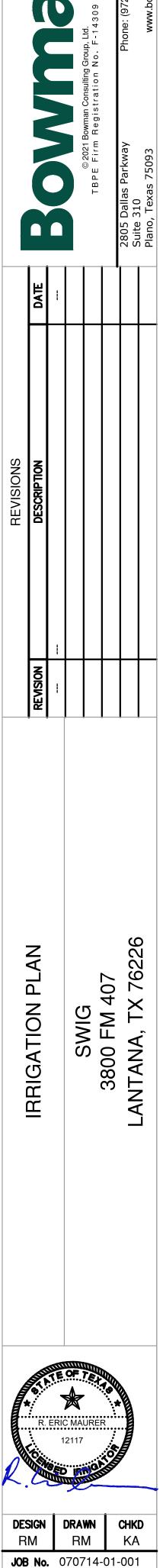
Febco 765 1" Pressure Vacu 12in. above high

-101-25 I Zone Kit. 1in. ICV Globe Valve with 1in. HY100 filter essure Regulation: 25psi. Flow Range: 2 GPM to 20	1	С	Hunter P2C-400 with (01) PCM-300 Light Commercial & Residential Controller, 7-station expanded module controller, 120 VAC, Outdoor/Indoor model	1
mesh stainless steel screen. tion Point in Drip Box ion point from PVC lateral to drip tubing with riser in	6	$-\langle E \rangle$	Strong Box SBBC-22CR Low profile, tube and wire construction smooth touch surface, cold rolled steel, backflow enclosure. 23.5in.L, 28in.H, 17.75in.W.	1
x. ceive Dripline 06-18-CV		Μ	Water Meter 1" Reference Civil Utility Plan For Point Of Connection Location. 60 P.S.I. Assumed Pressure.	1
-CV: Hunter Dripline w/ 0.6 GPH emitters at 18" O.C. e, dark brown tubing with gray striping. Dripline iced at 18" apart, with emitters offset for triangular tall with Hunter PLD barbed or PLD-LOC fittings.	1,170 l.f		Irrigation Lateral Line: PVC Class 200 SDR 21 Irrigation Mainline: PVC Schedule 40	1,795 l.f. 424.0 l.f.
CTURER/MODEL/DESCRIPTION		=======	Pipe Sleeve: PVC Schedule 40	218.9 l.f.
a., 2in., and 3in. Plastic Electric Remote Control bbe Configuration, with NPT Threaded Inlet/Outlet, for Il/Municipal Use.	4	,   # ● ]	Valve Callout ———— Valve Number	
lve	1	# <b>"</b> #●	Valve Flow Valve Size	
1" acuum Breaker, brass with ball valve SOV. Install highest downstream outlet and the highest point in	1		VUIVE SIZE	

the downstream piping.

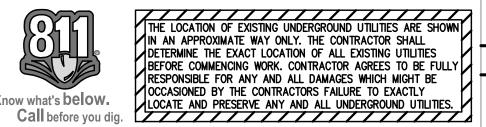
<u>TYPE</u>	<u>GPM</u>	DESIGN	<u>N PSI</u>	<u>PSI</u>	<u> PSI @ POC</u>	PRECIP
Bubbler Area for Dripline Turf Rotary Turf Rotary Bubbler	11 7.8 6.87 18.72 11.5	30 25 40 40 30		33.7 33.0 44.6 47.4 34.3	·	1.7 in/h 0.43 in/h 0.65 in/h 0.24 in/h 1.71 in/h
PRECIP	IN./WE	ΞK	MIN./WEE	<u>&lt;</u>	GAL./WEEK	GAL./DAY

	PRECIP			GAL./WEEK	GAL./DAT	
r	1.7 in/h	0.5	18	198	28.3	
or Dripline	0.43 in/h	0.5	71	554	79.1	
otary .	0.65 in/h	0.5	47	323	46.1	
otary	0.24 in/h	0.5	124	2,321	332	
r	1.71 in/h	0.5	18	207	29.6	
_S:			278	3,602	514.6	



ltem I2.

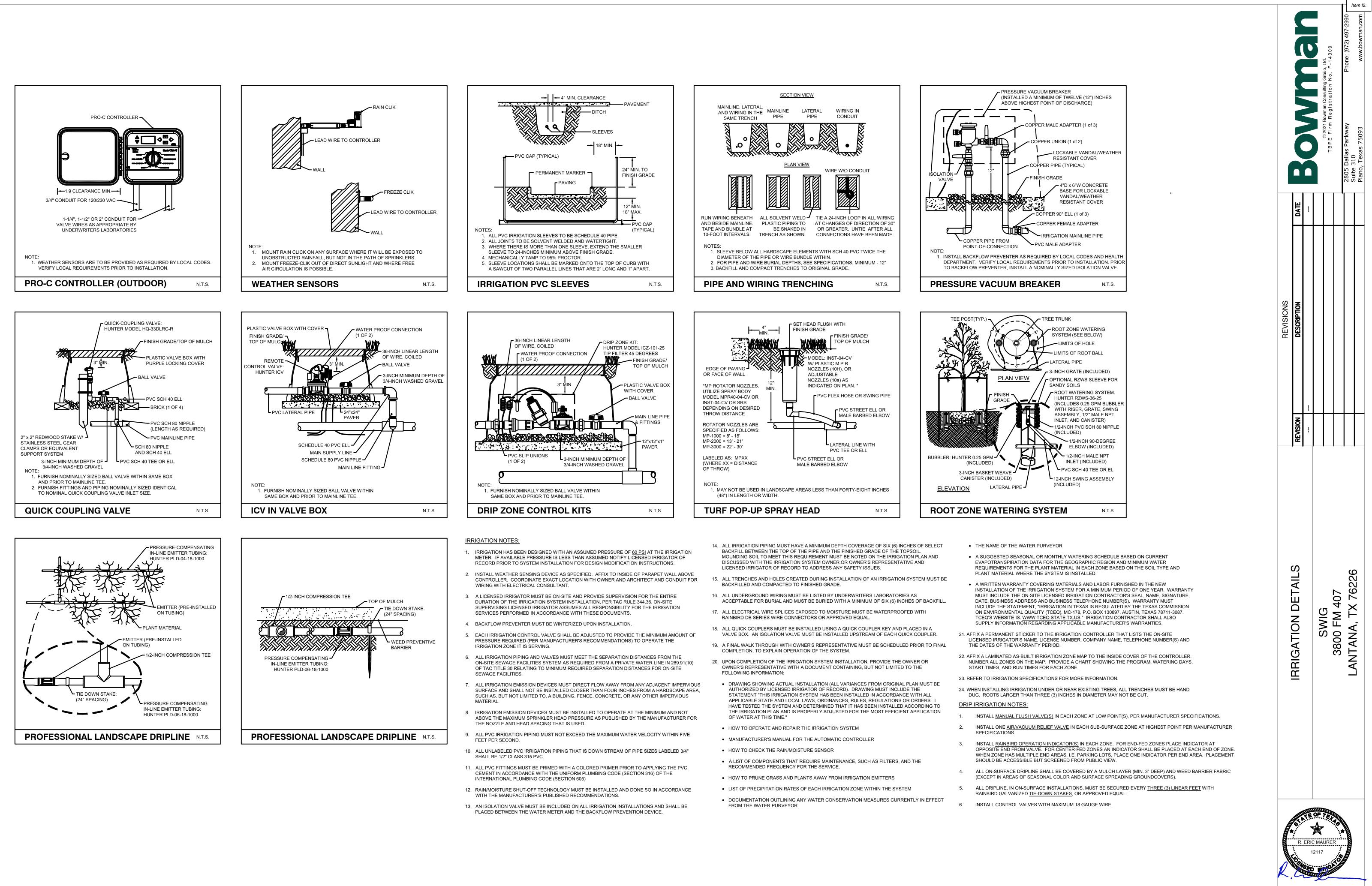






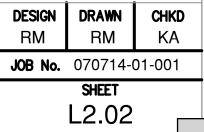
SHEET

L2.01



Know what's **below**. Call before you dig

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



# Exhibit 2



December 20, 2023

«NAME» «ADDRESS» «CITY», «STATE» «ZIP»

Re: Proposed Conditional Use Permit and Site Plan for Swig Bartonville

Dear Property Owner:

The Planning and Zoning Commission for the Town of Bartonville, Texas will conduct a public hearing at 7:00 p.m. on January 3, 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider recommendations to the Town Council regarding an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit "A," Article 14.02, Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through on a 0.75-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas. The subject property is located west of the intersection of Justin Road and E Jeter Road, in Bartonville, Texas. The applicant is Rama Madanat of Bowman Engineering & Consulting, Inc. The Town of Bartonville file number for this application is CUP-2023-007;

and a Resolution approving a Site Plan for the same property described above, containing a restaurant with a drive-through and other site appurtenances. The Town of Bartonville file number for this application is SP-2023-004.

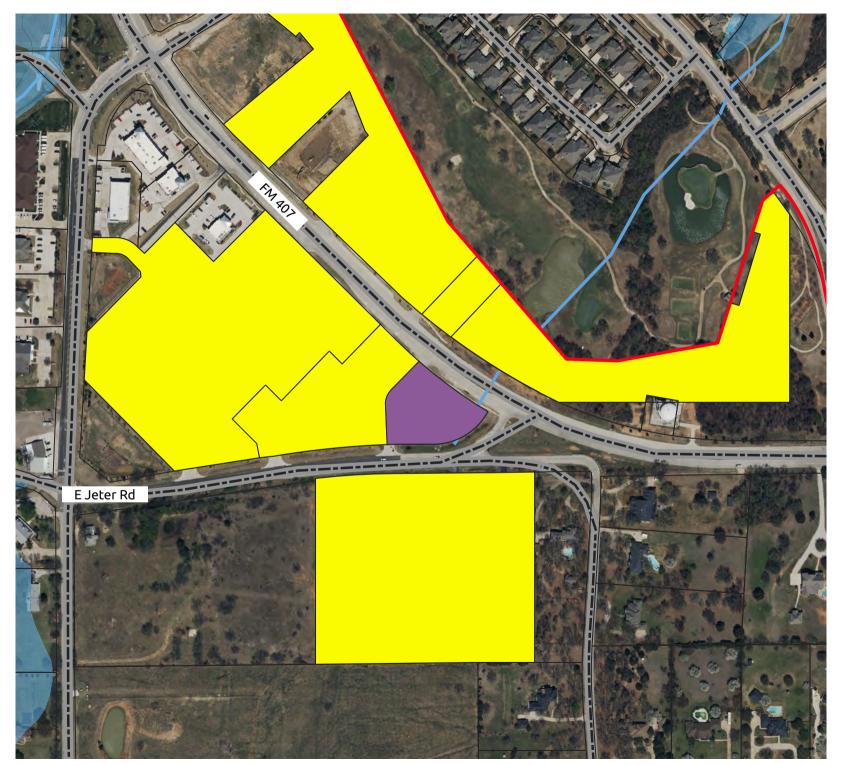
The Town Council will conduct a second Public Hearing at 6:30 p.m. on January 16, 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider the proposed Conditional Use Permit and Site Plan, and recommendations of the Planning and Zoning Commission. All interested parties are encouraged to attend.

Sincerely,

Thad Chambers, CPM Town Administrator Town of Bartonville

enclosure

NAME	NAME 2	ADDRESS	CITY	STATE	ZIP
FIRST CHURCH NAZARENE		2200 E JETER RD	BARTONVILLE	ТΧ	76226-8439
KROGER TEXAS LP	C/O REAL ESTATE DEPARTMENT	751 FREEPORT PKWY	COPPELL	ТΧ	75019-4411
A-S 114 LANTANA TOWN CENTER LP		8827 W SAM HOUSTON PKWY N STE 200	HOUSTON	ТΧ	77040-5383
DENTON COUNTY FRESH WATER SUPPLY DIST NO 7	C/O CLAY E CRAWFORD	19 BRIAR HOLLOW LN STE 245	HOUSTON	ТΧ	77027-2858
A-S 114 LANTANA TC PHASE 2 LP		8827 W SAM HOUSTON PKWY N STE 200	HOUSTON	ТΧ	77040-5383



Swig Bartonville <sup>[tem 12.]</sup> Conditional Use Permit and Site Plan

Town File # CUP-2023-007, SP-2023-004





0 250 500 ft

# Exhibit 3

#### Denton Record-Chronicle 3555 Duchess Drive (940) 387-7755

I, Ayesha Carletta M Cochran-Worthen, of lawful age, being duly sworn upon oath depose and say that I am an agent of Column Software, PBC, duly appointed and authorized agent of the Publisher of Denton Record-Chronicle, a publication that is a "legal newspaper" as that phrase is defined for the city of Denton, for the County of Denton, in the state of Texas, that this affidavit is Page 1 of 1 with the full text of the sworn-to notice set forth on the pages that follow, and that the attachment hereto contains the correct copy of what was published in said legal newspaper in consecutive issues on the following dates:

#### PUBLICATION DATES:

Dec. 23, 2023

Notice ID: nmbCsONxGIJQLRHxo5xR Notice Name: 12232023 SWIG CUP & SP Newspaper Notice

PUBLICATION FEE: \$62.64

I declare under penalty of perjury that the foregoing is true and correct.

#### Ayesha Carletta M Cochran-Worthen

Agent

SHANNEA H HOLMES NOTARY PUBLIC STATE OF NEW JERSEY My Commission Expires August 1, 2026

#### VERIFICATION

State of New Jersey County of Hudson

Signed or attested before me on this: 12/27/2023

Vancea S. Holmes

Notary Public This notarial act involved the use of communication technology

#### TOWN OF BARTONVILLE NOTICE OF PUBLIC HEARING

The Planning and Zoning Commission for the Town of Bartonville, Texas will conduct a public hearing at 7:00 p.m. on January 3, 2024, at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider recommendations to the Town Council regarding an Ordinance amending the Town of Bartonville Code of Ordinances, Chapter 14, Exhibit A. Article 14.02. Ordinance 361-05, Zoning Regulations for the Town of Bartonville, to establish a Conditional Use Permit for a restaurant with drive-through on a 0.75-acre tract or parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in the Town of Bartonville, Denton County, Texas The subject property is located west of the intersection of Justin Road and E Jeter Road in Bartonville, Texas. The applicant is Rama Madanat of Bowman Engineering & Consulting, Inc. The Town of Bartonville file number for this application is CUP-2023-007. and a Resolution approving a Site Plan for the same property described above, containing a restaurant with a drive-thro ugh and other site appurtenan ces. The Town of Bartonville file number for this application is SP-2023-004 The Town Council will conduct a second Public Hearing at 6:30 p.m. on January 16, 2024. at Bartonville Town Hall, 1941 E. Jeter Road, Bartonville, Texas, to hear public comment and consider the proposed Conditional Use Permit and Site Plan, and recommenda tions of the Planning and Zoning Commission, All interested parties are encouraged to attend.

drc 12/23/2023

### TOWN OF BARTONVILLE ORDINANCE NO. -24

AN ORDINANCE OF THE TOWN OF BARTONVILLE, TEXAS, AMENDING THE TOWN OF BARTONVILLE CODE OF ORDINANCES, CHAPTER 14, ARTICLE 14.02, EXHIBIT "A," ORDINANCE NO. 361-05, THE ZONING ORDINANCE. BY AMENDING CHAPTER 13, GENERAL COMMERCIAL DISTRICT (GC), ARTICLE 13.2, USES PERMITTED, BY GRANTING A CONDITIONAL USE PERMIT TO ALLOW FOR THE OPERATION OF A RESTAURANT WITH DRIVE-THROUGH USE AND APPROVING AN ACCOMPANYING SITE PLAN, ON AN APPROXIMATELY 0.75-ACRE TRACT OR PARCEL OF LAND SITUATED IN LOT 3, BLOCK A, OF DCFWSD #7 RETAIL CENTER ADDITION IN THE LANTANA TOWN CENTER, LOCATED WEST OF THE INTERSECTION OF JUSTIN ROAD AND E. JETER ROAD IN BARTONVILLE; PROVIDING FOR THE REPEAL OF ALL OTHER ORDINANCES IN CONFLICT WITH THIS ORDINANCE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR ENGROSSMENT AND ENROLLMENT; PROVIDING FOR NO VESTED RIGHTS; PROVIDING FOR A PENALTY; PROVIDING FOR PUBLICATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town of Bartonville, Texas, is a Type A General Law Municipality located in Denton County, Texas, created in accordance with provisions of the Texas Local Government Code and operating pursuant to the enabling legislation of the State of Texas; and

WHEREAS, the Town of Bartonville, Texas, as a general law municipality, is empowered under the Texas Local Government Code, Section 51.001, to adopt an ordinance or rule that is for the good government of the Town; and

WHEREAS, the Planning and Zoning Commission of the Town of Bartonville and the Town Council of the Town of Bartonville, in compliance with state law with reference to amending the Zoning Ordinance, have given the requisite notice by publication and otherwise, and after holding due public hearings and affording full and fair hearings to all property owners generally, the Town Council of the Town of Bartonville, Texas, is of the opinion that said zoning ordinance should be amended as provided herein.

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF BARTONVILLE, TEXAS, THAT:

Item I2.

### SECTION 1. INCORPORATION OF PREMISES

The above and foregoing premises are true and correct legislative determinations and are incorporated herein and made a part hereof for all purposes.

# SECTION 2. CUP GRANTED

The Zoning Ordinance for the Town of Bartonville, Texas, as amended, is hereby amended by granting CUP-2023-007, a Conditional Use Permit (CUP) to allow for the operation of a restaurant with drive-through use on approximately 0.75-acre tract parcel of land situated in Lot 3, Block A, of DCFWSD #7 Retail Center Addition, in Lantana Town Center, generally located west of the intersection of Justin Road and E. Jeter Road, in Bartonville, Texas. The official zoning map of the Town of Bartonville, Texas, shall be amended to reflect the CUP granted by this Ordinance, which includes the following condition:

1. Provision to the Town of a copy of a shared parking agreement with the neighboring property, that is developed under CUP-2023-0006, prior to issuance of a building permit.

# SECTION 3. SITE PLAN APPROVED

Accompanying the CUP that is approved by this Ordinance is Site Plan SP-2023-004, required to provide the necessary site detail to develop the area in accordance with the CUP and applicable development standards. Site Plan SP-2023-004 is hereby approved, with the following added conditions:

- 1. All parking area lighting shall be installed and operated so as not to reflect or shine on adjacent properties and in accordance with the standards established in Bartonville Zoning Ordinance Section 13.3.7 and Bartonville Zoning Ordinance Chapter 28.
- 2. The trash receptacle shall be screened with an eight-foot-tall screen constructed of masonry materials of like and similar materials to those of the primary structure.

# SECTION 4. REPEAL OF CONFLICTING ORDINANCES

This Ordinance shall be cumulative of all provisions of Ordinances of the Town except where the provisions of this Ordinance are in direct conflict with the provisions of

Item I2.

such Ordinances, in which event the conflicting provisions of such Ordinances are hereby repealed.

## SECTION 5. SEVERABILITY

It is hereby declared to be the intention of the Town Council of the Town of Bartonville, Texas, that the phrases, clauses, sentences, paragraphs, and sections of this Ordinance are severable, and if any phrase, clause, sentence, paragraph, or section of this Ordinance should be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, or sections of this Ordinance, since the same would have been enacted by the Town Council without incorporation in this Ordinance of such unconstitutional phrase, clause, sentence, paragraph, or section.

# SECTION 6. SAVINGS

An offense committed before the effective date of this Ordinance is governed by prior law and the provisions of the Town of Bartonville Code of Ordinances, as amended, in effect when the offense was committed, and the former law is continued in effect for this purpose.

# SECTION 7. ENGROSS AND ENROLL

The Town Secretary of the Town of Bartonville is hereby directed to engross and enroll this Ordinance by copying the exact Caption and the Effective Date clause in the minutes of the Town Council of the Town of Bartonville and by filing this Ordinance in the Ordinance records of the Town.

# SECTION 8. PUBLICATION

The Town Secretary of the Town of Bartonville is hereby directed to publish in the Official Newspaper of the Town of Bartonville the Caption and the Effective Date of this Ordinance for two (2) days.

# SECTION 9. PENALTY

Any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the Bartonville Zoning

Item I2.

Ordinance as previously amended, and upon conviction shall be punished by a fine not to exceed the sum of Two Thousand Dollars (\$2,000) for each offense.

# SECTION 10. NO VESTED RIGHTS

No person or entity shall acquire any vested rights in this Ordinance or any specific regulations contained herein. This Ordinance and any regulations may be amended or repealed by the Town Council of the Town of Bartonville, Texas, in the manner provided by law.

# SECTION 11. EFFECTIVE DATE

This Ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such case provides.

# AND IT SO ORDAINED.

**DULY PASSED AND APPROVED** by the Town Council of the Town of Bartonville, Texas, on the 16th day of January, 2024.

APPROVED:

Jaclyn Carrington, Mayor

ATTEST:

Shannon Montgomery, TRMC, Town Secretary



# TOWN COUNCIL COMMUNICATION

DATE:January 16, 2024FROM:Shannon Montgomery, Town SecretaryAGENDA ITEM:Discuss and consider approval of a Resolution appointing new member(s) to the Bartonville<br/>Crime Control and Prevention District.

#### **SUMMARY:**

At the December 19, 2023 Council Meeting, Council appointed Jennifer Buck to the Bartonville Community Development Corporation (BCDC). Ms. Buck has resigned from the Crime Control and Prevention District, leaving a vacancy. Staff advertised the vacancy and has received one application as of the January 5, 2024, deadline.

#### FISCAL INFORMATION: N/A

#### **RECOMMENDED MOTION OR ACTION:**

Move to approve a Resolution appointing person to the Bartonville Crime Control and Prevention District.

#### ATTACHMENTS:

- Application received
- Draft Resolution

### Print

#### Application for Boards and Commissions - Submission #4933

#### Date Submitted: 12/25/2023

This application and all information contained herein is a public record. Public service opportunities are offered by the Town of Bartonville without regard to race, color, national origin, religion, sex, genetic information or disability

#### Date & Time

12/25/202

5::	15	PM

First Name*	Last Name*
Steven	Weiss

#### Address1\*

#### City\*

ony	otuto	E-P
Bartonville	TX	76226

State\*

7in\*

#### Phone Number\*

516 353 3698			
		,	

#### Email Address

Are you a registered	Voter Registration Number
voter*	2171533700
Yes	
No	To verify your voter registration number go to www.votedenton.com, voter information, voter lookup

#### Length of Residency in Bartonville\*

Nine (9) Months

Item I3.

In order to serve as an appointed official, you must be a resident of the Town for at least six (6) months. In order to serve on the Planning and Zoning Commission or Board of Adjustments, you must be a resident property owner of the Town for a least six months.

Please select which board(s) you are interested in. If more than one, prioritize your selections using the choice options below as applicable.

Choice 1*		Choice 2	
Crime Control & Prevention District	~	Select One	~
Choice 3		Choice 4	
Select One	~	Select One	~

#### Occupation (if retired, indicate former occupation/profession)\*

Retired Lieutenant - New York City Police Department | Current Investigations Manager - City of Dallas, Office of Risk Management

#### List any experience that qualifies you to serve in the position(s) sought:

21 years of service with the NYPD, serving as a Detective Squad Commander, evaluating citywide crime trends, creating Department strategies to combat crime, reviewing new policies, and advising the Chief of Crime Control Strategies.

#### Are you currently serving on a Board, Commissions, or other capacity?\*

Yes

No

If yes, which

	//
Have you served on a Board, Commission, or Committee before?*	Т
⊘ Yes	
No	

#### If yes, which

#### Please list organization memberships and positions held

HOA Board Member - Saddlebrook Estates (Term ending Dec 2025) Board of Directors - Officer Down Memorial Page (www.odmp.org) Member - FBI National Academy Associates Member - International Association of Cheifs of Police Vice-President -- Plainview Old-Bethpage Parkway Elementry School PTA (July 2017-July 2019) Health & Safety Committee Member -- Plainview Old-Bethpage Central School District (Sept 2015 - Aug 2020) Queens North Trustee - NYC Brotherhood for the Fallen (Oct 2015-May 2018)

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#### **Please List Areas of Special Interest**

#### References

Lt Cmdr Peter Calderon - Commander Office 110th Precinct Detective Squad (646) 338-8465 Jason Sickle - Friend (917) 612-9849 Russ Tillman - Past Neighboor (601) 529-7974

### TOWN OF BARTONVILLE, TEXAS RESOLUTION 2024-02

# A RESOLUTION OF THE TOWN OF BARTONVILLE, DENTON COUNTY, TEXAS, PROVIDING FOR THE APPOINTMENT OF A PERSON TO FILL A VACANCY ON THE BOARD OF DIRECTORS OF THE BARTONVILLE CRIME CONTROL AND PREVENTION DISTRICT TO A TERM ENDING SEPTEMBER 30, 2024.

WHEREAS, the Town of Bartonville, Texas is a Type "A" General Law Municipality located in Denton County, Texas, created in accordance with the provisions of the Texas Local Government Code and operating pursuant to the enabling legislation of the State of Texas; and

WHEREAS, Chapter 363 of the Texas Local Government Code (the "Code") provides for the creation of a crime control and prevention district by a municipality located within a county with a population of more than 5,000; and

**WHEREAS**, at an election held on May 8, 2010, the voters approved the adoption of a one-quarter of one precent (.25%) local sales tax for crime control and prevention; and

**WHEREAS**, on July 10, 2010, the Town Council of the Town of Bartonville appointed the initial members of the Bartonville Crime Control and Prevention District Board of Directors to each serve staggering two-year terms.

THEREFORE, BE IT RESOLVED, BY THE TOWN COUNCIL OF THE TOWN OF BARTONVILLE, TEXAS:

- **Section 1:** THAT ALL matters stated in the preamble are true and correct and are incorporated herein by reference, as if copied in their entirety.
- **Section 2:** THAT the following person is hereby appointed fill a vacancy on the Board of Directors of the Bartonville Crime Control and Prevention District, effective January 16, 2024, for a term expiring September 30, 2024:

### **Regular Members:**

1. Steven Weiss

Section 3: THAT this resolution shall take effect immediately upon passage by the Town Council.

### PASSED AND APPROVED this the 16th day of January 2024.

### **APPROVED:**

### ATTEST:

Jaclyn Carrington, Mayor

Shannon Montgomery, TRMC, Town Secretary