



## DEVELOPMENT REVIEW COMMITTEE

Tuesday, November 22, 2022, at 10:00 AM  
Court Room/Council Chambers (2nd Floor) and Online  
275 W. Main Street, Santaquin, UT 84655

### MEETINGS HELD IN PERSON & ONLINE

The public is invited to participate as outlined below:

- **In Person** – Meetings are held on the 2<sup>nd</sup> floor in the Court Room/Council Chambers at City Hall
- **YouTube Live** – Public meetings will be shown live on the Santaquin City YouTube Channel, which can be found at <https://bit.ly/2P7ICfQ> or by searching for Santaquin City Channel on YouTube.

### ADA NOTICE

If you are planning to attend this Public Meeting and due to a disability need assistance in understanding or participating in the meeting, please notify the City Office ten or more hours in advance and we will, within reason, provide what assistance may be required.

## AGENDA

### NEW BUSINESS

**1. Murdock Ford Dealership Site Plan**

A commercial site plan review for a proposed car dealership located at 985 W. Summit Ridge Parkway.

### MEETING MINUTES APPROVAL

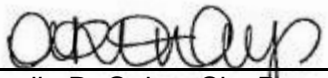
**2. October 25, 2022**

### ADJOURNMENT

## CERTIFICATE OF MAILING/POSTING

The undersigned duly appointed City Recorder for the municipality of Santaquin City hereby certifies that a copy of the foregoing Notice and Agenda was posted on [www.santaquin.org](http://www.santaquin.org), Santaquin City Social Media sites, posted in three physical locations (Santaquin City Public Safety Building, Zions Bank, Santaquin Post Office), and posted on the State of Utah's Public Notice Website.

BY:

  
\_\_\_\_\_  
Amalie R. Ottley, City Recorder

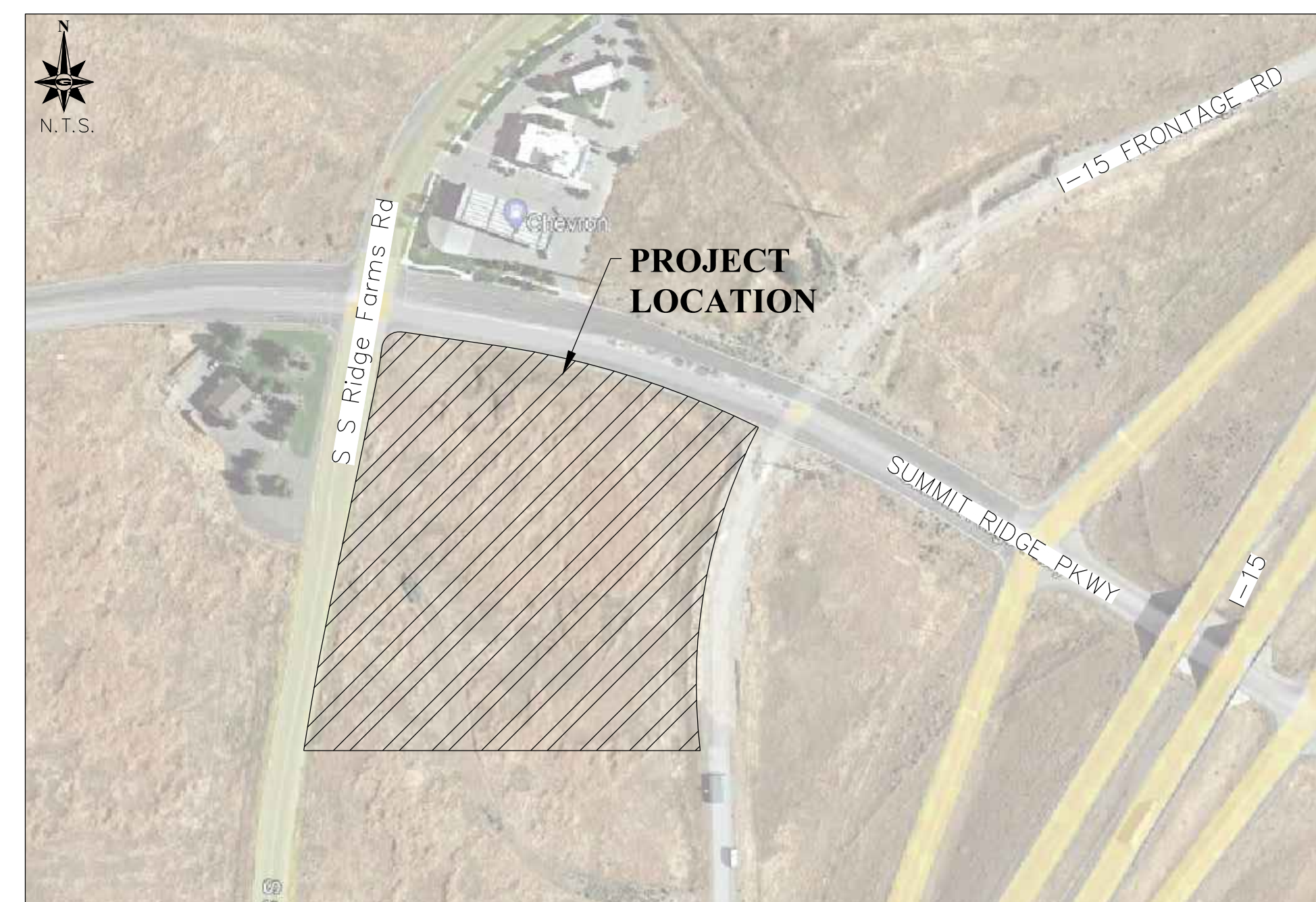
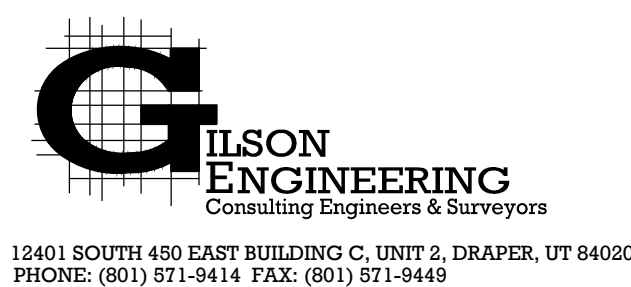
# MURDOCK FORD SANTAQUIN

**PROJECT # NCC.010.22**  
**OCTOBER 2022**

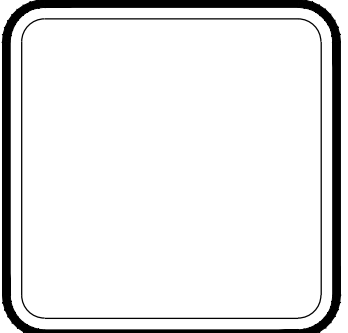
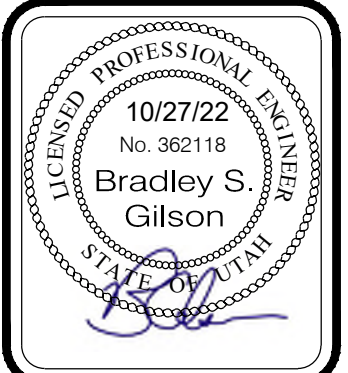
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LOCATED AT 985 WEST SUMMIT RIDGE PKWY,  
IN THE CITY OF SANTAQUIN, UTAH COUNTY, UTAH



VICINITY MAP



OCTOBER 22	
REV. DATE BY COMMENTS	IG
A	
DRAWING NAME: COVER SHEET	
DESIGNED/DRAWN BY: JAG	
CHECKED:	APPROVED:
1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET	

**COVER SHEET**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**

PROJ. # **NCC.010**



### GENERAL NOTES

- THIS DESIGN IS AN ORIGINAL UNPUBLISHED WORK AND MAY NOT BE DUPLICATED, PUBLISHED AND/OR USED WITHOUT THE WRITTEN CONSENT OF GILSON ENGINEERING, INC.
- THESE SHEETS - LISTED BY DRAWING INDEX, ALL ACCOMPANYING SPECIFICATIONS FOR MATERIALS, WORKMANSHIP QUALITY, AND NOTES HAVE BEEN PREPARED SOLELY FOR THE CONSTRUCTION AND FINISH OF PROJECT IMPROVEMENTS, COMPLETE AND READY FOR USE.
- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH PERTINENT JURISDICTIONAL CODES, RESTRICTIONS, COVENANTS, AND/OR ORDINANCES. ANY CONFLICT BETWEEN DESIGN AND REQUIREMENT SHALL BE REPORTED TO GILSON ENGINEERING, INC. BEFORE PROCEEDING. FAILURE TO DO SO VOIDS THE DESIGN.
- ANY AND ALL PROPOSED CHANGE, MODIFICATIONS AND/OR SUBSTITUTION SHALL BE REPORTED TO GILSON ENGINEERING, INC. BEFORE PROCEEDING. ANY DEVIATION FROM THE CONTRACT DOCUMENTS, WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF GILSON ENGINEERING, INC. VOIDS THE DESIGN.
- IN THE EVENT OF CONFLICT BETWEEN THE DESIGN DOCUMENTS AND/OR JURISDICTIONAL REQUIREMENTS, THE MORE RESTRICTIVE FROM THE STANDPOINT OF SAFETY AND PHYSICAL SECURITY SHALL APPLY.
- ANY INSTALLATION OR WORK NECESSARY TO THE FUNCTIONING, SAFETY AND/OR PHYSICAL SECURITY OF DESIGN THAT IS TO BE ENCAPSULATED OR OTHERWISE PERMANENTLY OBSCURED FROM INSPECTION SHALL BE REPORTED TO GILSON ENGINEERING, INC. A MINIMUM OF TWO (2) WORKING DAYS BEFORE ENCLOSURE.
- DESIGN IS GENERALLY PREDICATED UPON PROVISIONS OF THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE AND/OR AMENDMENTS AS MAY HAVE BEEN LOCALLY ENACTED. THIS DESIGN AND ANY CONSEQUENT CONSTRUCTION SHALL ACCOMMODATE ALL REQUIREMENTS OF THE JURISDICTIONAL FIRE SAFETY/PREVENTION DISTRICT.
- ANY DAMAGE, DISRUPTION OR COMPROMISE OF AMBIENT RIGHTS-OF-WAY, UTILITIES, OR ENVIRONMENTAL QUALITY SHALL BE IMMEDIATELY RECTIFIED BY THE CONTRACTOR TO THE SATISFACTION OF GILSON ENGINEERING, INC. AT NO COST TO THE OWNER.
- THIS DESIGN PURPORTS TO PERMIT FULL ACCESS TO HANDICAPPED PERSONS AS PROVIDED FOR BY PROVISIONS OF FEDERAL LAW. ANY DEVIATION OR COMPROMISE SHALL BE REPORTED TO GILSON ENGINEERING, INC. FOR RESOLUTION.
- ALL WORK SHALL BE INSPECTED BY GOVERNING AGENCIES IN ACCORDANCE WITH THEIR REQUIREMENTS. JURISDICTIONAL APPROVAL SHALL BE SECURED BEFORE PROCEEDING WITH WORK.
- ANY WORK THAT IS OUTSIDE OF THE LIMIT OF WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- CONSULT ALL DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
- CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFORE HAND.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ENGINEER OR INSPECTING AUTHORITY 72 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION.
- ALL DIMENSIONS, GRADES, AND UTILITY DESIGNS SHOWN ON PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.
- CONTRACTOR IS RESPONSIBLE FOR ALL FLAGGING, CAUTION SIGNS, LIGHTS, BARRICADES, FLAG MEN, AND ALL OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES, AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTORS USE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCHMARKS, CONTROL POINTS, REFERENCE POINTS, AND ALL SURVEY STAKES, AND SHALL BARE ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSE BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS ON THE PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- ALL WORK WITHIN THE SITE TO CONFORM TO THE CURRENT CITY STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL OF THE REQUIREMENTS ESTABLISHED FOR SAFE TRENCHING. (SEE OSHA AND UOSHA REQUIREMENTS, LATEST EDITIONS).
- CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE LAYING PIPE WITHIN 200 FEET OF SAID UTILITIES WHICH MAY BE EXPOSED, DAMAGED OR CROSSED AS SHOWN ON THE DRAWINGS OR AS "BLUE STAKED". THE CONTRACTOR WILL MAKE ARRANGEMENTS WITH THE UTILITY COMPANY TO MOVE THE UTILITY IF NECESSARY OR OBTAIN PERMISSION FROM THE PROJECT ENGINEER TO MODIFY GRADES OF PROJECT LINES IN ORDER TO GO AROUND EXISTING UTILITIES.
- SEWER MAINS, WATER MAINS, GAS MAINS AND OTHER UTILITIES ARE SHOWN ON THE PLANS IN A GENERAL SCHEMATIC WAY ACCORDING TO INFORMATION RECEIVED FROM OTHERS AND SOMETIMES FROM FIELD MEASUREMENTS. THE ACCURACY OR COMPLETENESS OF THE LOCATIONS SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LOCATION OF EXISTING SERVICE CONNECTIONS AND UTILITIES, VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS AND TAKE THE NECESSARY STEPS TO AVOID THEM.
- SPECIFIC INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS SHALL SUPERSEDE ITEMS COVERED IN THESE DRAWINGS.

### UTILITY NOTES

- COORDINATE ALL UTILITY CONNECTIONS TO BUILDING WITH PLUMBING PLANS AND BUILDING CONTRACTOR.
- VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTING ANY NEW UTILITY LINES. NOTIFY CIVIL ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO ANY CONNECTIONS BEING MADE.
- WATER METERS ARE TO BE INSTALLED PER CURRENT SANTAQUIN TOWN STANDARDS AND SPECIFICATIONS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO INSTALL ALL ITEMS REQUIRED.
- WATER LINES, VALVES, FIRE HYDRANTS, FITTINGS ETC. ARE TO BE CONSTRUCTED AS SHOWN. CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ANY VERTICAL ADJUSTMENTS NECESSARY TO CLEAR SEWER, STORM DRAIN OR OTHER UTILITIES AS NECESSARY INCLUDING VALVE BOXES AND HYDRANT SPOOLS TO PROPER GRADE.
- FIELD VERIFY ALL EXISTING AND/OR PROPOSED ROOF DRAIN/ROOF DRAIN DOWN SPOUT CONNECTIONS TO STORM WATER SYSTEM WITH CIVIL, PLUMBING & ARCHITECTURAL PLANS, NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ALL CATCH BASINS AND INLET BOX GRATES ARE TO BE BICYCLE SAFE.
- UNLESS OTHERWISE NOTED FOR EXISTING UTILITIES, ALL DRY UTILITIES ARE ASSUMED TO BE 3' BELOW EXISTING GRADE TO TOP OF CONDUIT. ALL WATER LINES ARE ASSUMED TO BE 4' BELOW EXISTING GRADE TO TOP OF PIPE. ALL STORM AND SANITARY LINES ARE BASED ON SURVEYED INVERT DATA. CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS, VERIFY ELEVATIONS AND CONTACT ENGINEER IF ELEVATIONS ARE DIFFERENT FROM THOSE SHOWN IN THESE PLANS.
- ANY EXISTING VALVES AND MANHOLE COVERS SHALL BE RAISED OR LOWERED TO MEET FINISHED GRADE
- IF CONTRACTOR LOCATES ANY UNIDENTIFIED UTILITIES, CONTRACTOR SHALL CONTACT THE ENGINEER FOR VERIFICATION OF LOCATION BOTH HORIZONTAL AND VERTICAL.

### ABBREVIATIONS

ADJ	ADJUST
ADS	ADVANCE DRAINAGE SYSTEM
ARY	AIR RELEASE VALVE
BC	BAR AND CAP
BOW	BACK OF WALK
BVCE	BEGINNING VERTICAL CURVE ELEV.
BVCS	BEGINNING VERTICAL CURVE STATION
CB	CATCH BASIN
CBL	CABLE
CH	CHORD BEARING
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
COR.	SECTION CORNER
D	DELTA ANGLE
DET	DETAIL
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
EG	EXISTING GRADE
ELEV	ELEVATION
EOC	EDGE OF CONCRETE
EP	EDGE OF PAVEMENT
EVCE	END VERTICAL CURVE ELEV.
EVCS	END VERTICAL CURVE STATION
EW	EACH WAY
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FO	FIBER OPTICS
FT	FOOT
GB	GRADE BREAK
HC	HANDICAP
HDPE	HIGH DENSITY POLY ETHYLENE
HP	HIGH POINT
INV.	INVERT
IRR	IRRIGATION
L.F.	LINEAR FEET
LIP	LIP OF CURB
LP	LOW POINT
LT.	LEFT
MAX.	MAXIMUM
MH	MANHOLE
MIN.	MINIMUM
MON	MONUMENT
NTS	NOT TO SCALE
OC	ON CENTER
OHP	OVER HEAD POWER
PC	POINT OF CURVE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PRV	PRESSURE REDUCING VALVE
PT	POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE PIPE
R	RADIUS
ROW	RIGHT OF WAY
RT.	RIGHT
S	SEWER
SD	STORM DRAIN
SER	SOUTH END RADIUS
SSMH	SEWER MANHOLE
STA	STATION
STD	STANDARD
SW	SECONDARY WATER
TBC	TOP BACK OF CURB
TOA	TOP OF ASPHALT
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE
TOW	TOP OF WALL
TYP	TYPICAL
UG	UNDER GROUND POWER
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WATER
WM	WATER METER
WV	WATER VALVE

### CONSTRUCTION NOTES

- ALL WORK WITHIN THE SITE TO CONFORM TO THE CURRENT TOWN STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL OF THE REQUIREMENTS ESTABLISHED FOR SAFE TRENCHING. (SEE OSHA AND UOSHA REQUIREMENTS, LATEST EDITIONS).
- CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE LAYING PIPE WITHIN 200 FEET OF SAID UTILITIES WHICH MAY BE EXPOSED, DAMAGED OR CROSSED AS SHOWN ON THE DRAWINGS OR AS "BLUE STAKED". THE CONTRACTOR WILL MAKE ARRANGEMENTS WITH THE UTILITY COMPANY TO MOVE THE UTILITY IF NECESSARY OR OBTAIN PERMISSION FROM THE PROJECT ENGINEER TO MODIFY GRADES OF PROJECT LINES IN ORDER TO GO AROUND EXISTING UTILITIES.
- SEWER MAINS, WATER MAINS, GAS MAINS AND OTHER UTILITIES ARE SHOWN ON THE PLANS IN A GENERAL SCHEMATIC WAY ACCORDING TO INFORMATION RECEIVED FROM OTHERS AND SOMETIMES FROM FIELD MEASUREMENTS. THE ACCURACY OR COMPLETENESS OF THE LOCATIONS SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LOCATION OF EXISTING SERVICE CONNECTIONS AND UTILITIES, VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS AND TAKE THE NECESSARY STEPS TO AVOID THEM.
- SPECIFIC INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS SHALL SUPERSEDE ITEMS COVERED IN THESE DRAWINGS.

### EROSION CONTROL NOTES

- AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN ON THE PLAN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THE SITE.
- CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY, AND REMOVED WHEN THE SITE IS PAVED.
- INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY UPON INDIVIDUAL INLETS BECOMING FUNCTIONAL.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
- FUGITIVE DUST AREAS SHALL BE CONTROLLED BY SPRAYING WATER ON THE DRY AREAS OF THE SITE.
- NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES OR OTHER UNFORESEEN CONDITIONS DURING DEVELOPMENT OF THE PROJECT.

### LEGEND

	EXISTING STORM DRAIN
	EXISTING SECONDARY WATER
	EXISTING WATER
	EXISTING SANITARY SEWER
	NEW WATER MAIN
	NEW SECONDARY WATER MAIN
	NEW SEWER MAIN
	NEW STORM DRAIN MAIN
	EXISTING STORM MANHOLE
	EXISTING SEWER MANHOLE
	STORM DRAIN INLET
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	EXISTING FIRE HYDRANT
	FIRE HYDRANT
	EXISTING CONCRETE
	PROPOSED CONCRETE
	PROPOSED LANDSCAPE
	DIRECTION OF FLOW & SLOPE
	EXISTING GRADE
	PROPOSED GRADE
	EXISTING CONTOUR
	RIGHT-OF-WAY/PROPERTY LINE
	CENTERLINE
	EXISTING CURB, GUTTER & SIDEWALK
	EXISTING STRUCTURE
	PROPOSED CONTOUR

**CALL BEFORE YOU DIG.**  
**IT'S FREE & IT'S THE LAW.**  
 (TOLL-FREE)  
**1-800-662-4111**  
**208-2100**  
 (SALT LAKE METRO)  
 205 WEST 700 SOUTH, SUITE 101  
 SALT LAKE CITY, UTAH 84101

**CAUTION NOTICE TO CONTRACTOR**

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO THE NORMAL WORKING HOURS, AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

SITE DATA	
PARCEL SIZE (SQFT)	34,986.05 SQFT
BUILDING AREA (SQFT)	4,852 SQFT
PARKING LOT AREA (SQFT)	155,045 SQFT
LANDSCAPE AREA (SQFT)	26,986 SQFT
CONCRETE WALKWAYS (SQFT)	1,209.39 SQFT

**GILSON ENGINEERING**  
 Consulting Engineers & Surveyors  
 12401 SOUTH 460 EAST BUILDING C, UNIT 2, DRAPER, UT 84000  
 PHONE: (801) 971-9414 FAX: (801) 971-9449

LICENSED PROFESSIONAL ENGINEER  
 10/27/22  
 No. 362118  
 Bradley S. Gilson  
 SALT LAKE CITY, UTAH

REVISIONS

REV.	DATE	BY	COMMENTS
A	XXXX	JAG	

DATE: OCTOBER 22  
 DRAWING NAME: G-101 NOTES  
 DESIGNED/DRAWN BY: JAG  
 CHECKED: APPROVED: 6

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
 ADJUST FOR HALF SIZE SHEET

**NOTES**

MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

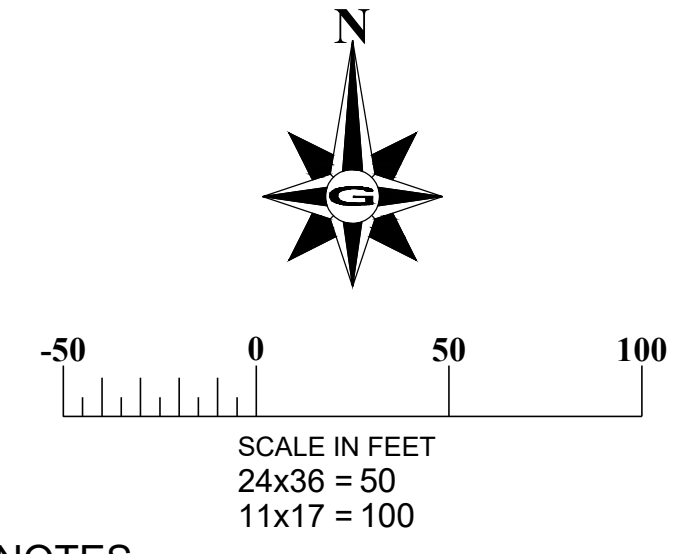
REVISION: **A**

PROJ. **NCC.010**

**G.101**

- GENERAL NOTES**
- THE DEVELOPER AND THE GENERAL CONTRACTOR UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THESE PLANS ARE NOT ALL INCLUSIVE OF ALL MINIMUM CODES, ORDINANCES, AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.
  - ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDINGS AND SITE IMPROVEMENTS.





**CONSTRUCTION KEY NOTES**

- ① LIMITS OF DISTURBANCE
- ② DEMO AND PROPERLY DISPOSE OF EXISTING CURB AND GUTTER
- ③ PROTECT IN PLACE EXISTING CURB AND GUTTER
- ④ PROTECT IN PLACE EXISTING ASPHALT
- ⑤ PROTECT IN PLACE EXISTING UTILITIES
- ⑥ DEMO AND PROPERLY DISPOSE OF EXISTING LANDSCAPE.
- ⑦ REMOVE AND RELOCATE EXISTING STORM DRAIN CURB INLETS.
- ⑧ SAW CUT EXISTING ASPHALT TO PROVIDE A SMOOTH CLEAN EDGE
- ⑨ RELOCATE EXISTING FIRE HYDRANT. CAP AT MAIN.
- ⑩ RELOCATE STOP SIGN
- ⑪ REMOVING STRIPING
- ⑫ DEMO AND PROPERLY DISPOSE OF EXISTING ASPHALT

**LEGEND**

- LIMIT OF DISTURBANCE
- SAW CUT

**GENERAL NOTES**

1. THE DEVELOPER AND THE GENERAL CONTRACTOR UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THESE PLANS ARE NOT ALL INCLUSIVE OF ALL MINIMUM CODES, ORDINANCES, AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.
2. ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDINGS AND SITE IMPROVEMENTS.

**DISCLAIMER NOTE**

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. ONLY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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No. 362118  
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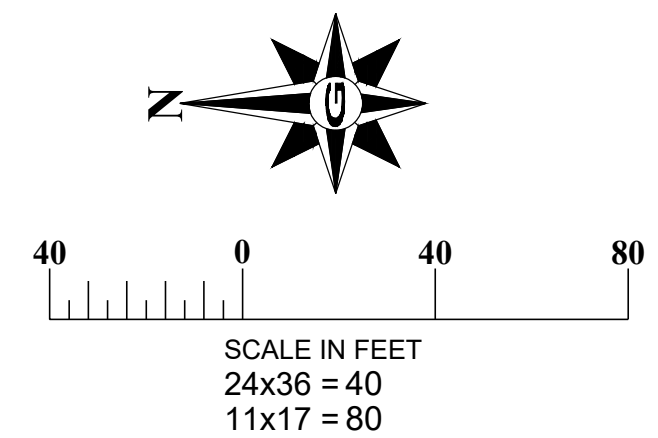
REV	DATE	BY	COMMENTS
A	10/27/22	JAG	ISSUE FOR PERMIT

DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
PROJECT NAME: EXISTING SITE	SCALE: 1" = 50'	1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET	

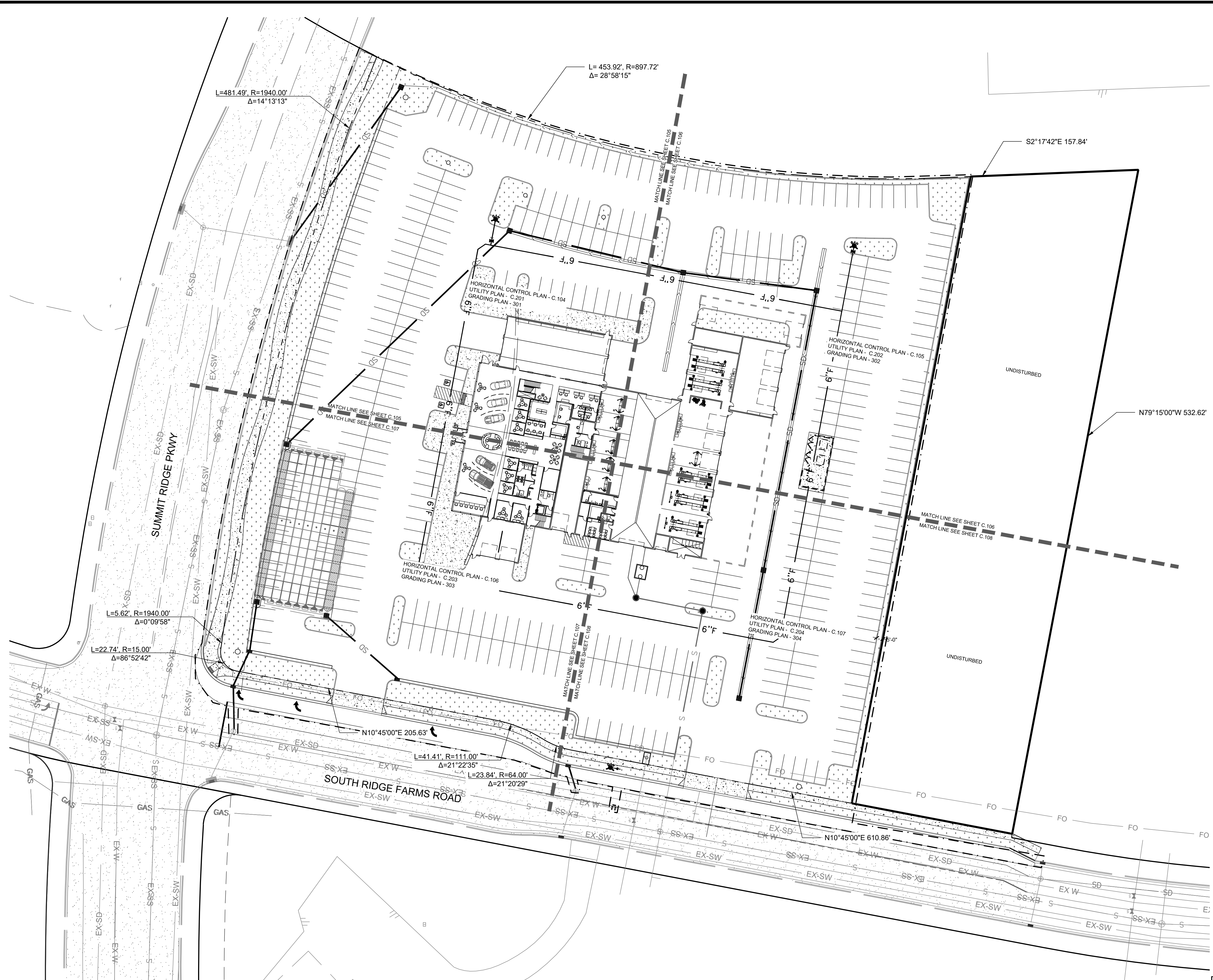
**EXISTING SITE PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ. NO: **NCC.010**  
**C.101**





1. SEE SHEET C.104 FOR POINT TABLES.



- GENERAL NOTES**
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  2. ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDINGS AND SITE IMPROVEMENTS.

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12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
10/27/22  
No. 362118  
Bradley S. Gilson  
SANTAQUIN, UTAH

REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	

DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
PROJECT NAME: OVERALL SITE PLAN	1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET		

**OVERALL SITE PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**

PROJ. NO: **NCC.010**

**C.102**



Point Table			Point Table			Point Table			Point Table			Point Table		
Point #	Northing	Eastng	Point #	Northing	Eastng	Point #	Northing	Eastng	Point #	Northing	Eastng	Point #	Northing	Eastng
1	19532.56	29833.39	75	19495.58	29615.60	146	19342.47	29599.87	206	19299.20	29813.61	259	19135.84	29437.42
2	19540.18	29817.09	76	19486.66	29610.89	147	19357.55	29603.42	207	19293.56	29816.32	260	19129.65	29405.70
3	19547.08	29800.47	77	19469.73	29680.59	148	19350.20	29633.50	208	19278.54	29811.45	261	19141.44	29407.94
4	19551.20	29791.92	78	19479.62	29682.11	149	19381.15	29452.94	209	19275.59	29805.83	262	19124.05	29435.18
5	19561.90	29752.48	79	19459.69	29752.77	150	19338.98	29554.96	210	19331.61	29717.33	263	19120.24	29476.70
6	19571.72	29716.93	80	19450.33	29749.18	151	19375.70	29517.05	211	19322.55	29744.20	264	19121.74	29468.84
7	19582.73	29674.80	81	19428.34	29817.49	152	19332.89	29508.92	212	19317.43	29747.22	265	19150.70	29482.48
8	19588.56	29649.74	82	19437.91	29820.69	153	19327.90	29511.61	213	19286.23	29737.23	266	19161.19	29375.05
9	19594.30	29624.02	83	19414.09	29885.46	154	19373.12	29530.64	214	19278.37	29735.74	267	19164.10	29361.85
10	19599.81	29598.26	84	19405.61	29880.14	156	19095.74	29367.20	215	19281.35	29720.02	268	19151.10	29373.13
11	19606.15	29566.42	85	19391.98	29908.09	157	19379.29	29522.30	216	19327.68	29711.43	269	19155.67	29349.06
12	19611.85	29534.46	86	19401.07	29912.28	158	19024.51	29353.68	217	19335.18	29629.68	270	19101.00	29363.62
13	19616.93	29502.39	87	19391.30	29871.40	159	19378.39	29527.06	218	19341.85	29681.12	271	19065.62	29389.14
14	19621.38	29470.23	88	19402.12	29842.22	167	19090.74	29347.93	219	19325.62	29665.83	272	19063.94	29397.98
15	19621.88	29463.57	89	19499.70	29443.89	170	18960.41	29782.24	220	19355.67	29630.23	273	19088.22	29361.20
16	19623.28	29456.85	90	19432.35	29431.10	171	18964.88	29811.21	221	19343.46	29675.45	274	19094.39	29403.76
17	19624.59	29452.88	91	19388.85	29418.27	172	18964.07	29786.52	222	19360.90	29608.84	275	19096.07	29394.92
18	19627.31	29446.61	92	19383.59	29421.85	173	18943.74	29779.08	223	19340.33	29669.89	276	19221.44	29495.91
19	19628.62	29444.23	93	19330.97	29407.27	174	18991.44	29755.73	224	19171.56	29784.49	277	19251.89	29501.69
35	19532.67	29448.74	94	19325.71	29410.86	175	18990.19	29762.30	225	19167.98	29779.23	278	19221.84	29487.56
36	19511.77	29419.21	95	19245.35	29395.60	176	18995.10	29768.23	226	19172.90	29784.75	279	19253.38	29493.83
37	19393.45	29396.75	96	19241.77	29390.34	177	19025.50	29768.65	227	19178.17	29781.20	280	19291.35	29505.62
38	19331.64	29385.02	97	19244.28	29377.08	178	19030.45	29764.68	228	19336.69	29684.30	281	19281.04	29503.66
39	19307.46	29380.42	98	19071.91	29729.69	179	19030.73	29763.19	229	19300.79	29677.49	282	19289.20	29514.29
40	19272.98	29366.90	99	19045.55	29339.34	180	18997.28	29751.75	230	19295.51	29705.32	283	19273.65	29542.56
41	19245.88	29356.01	100	19043.03	29352.62	181	19026.75	29757.35	231	19195.30	29686.30	284	18932.13	29816.41
51	19246.01	29362.65	101	19037.77	29356.20	182	19061.42	29765.09	232	19212.98	29689.65	285	19157.34	29337.67
52	19245.08	29367.56	123	19351.60	29884.46	183	19077.98	29732.29	233	19307.88	29725.05	286	19111.97	29407.71
53	19269.80	29371.98	124	19358.81	29867.72	184	19070.36	29766.29	234	19308.48	29746.03	287	19293.91	29776.35
54	19267.14	29376.22	125	19374.60	29865.05	185	19080.77	29751.61	235	19304.99	29740.28	288	19170.46	29664.11
55	19306.34	29386.32	126	19360.18	29833.21	186	19125.17	29773.30	236	19178.84	29746.18	289	19107.83	29330.31
56	19305.42	29391.23	127	19359.20	29835.90	187	19129.43	29742.60	237	19173.58	29749.76	290	19045.04	29760.21
57	19334.45	29391.66	128	19353.26	29838.51	188	19134.53	29738.76	238	19183.99	29751.77	291	19091.81	29366.46
58	19333.52	29396.56	129	19325.46	29827.61	189	19135.24	29738.87	239	19191.95	29703.04	292	19341.26	29827.86
59	19432.75	29404.21	130	19322.81	29821.84	190	19139.02	29744.16	240	19180.43	29746.48	293	19219.57	29785.18
60	19390.91	29407.46	131	19323.52	29819.90	191	19133.24	29774.60	241	19189.06	29718.27	294	19074.44	29696.51
61	19498.28	29422.76	132	19329.28	29817.21	192	19129.30	29777.41	242	19179.89	29716.53	296	19159.04	29740.48
62	19507.49	29429.60	133	19357.49	29827.43	193	19128.14	29777.25	243	19184.19	29693.86	297	19294.83	29773.49
63	19509.71	29430.02	134	19448.25	29471.56	194	19217.88	29774.99	244	19280.89	29802.24	314	19114.91	29408.27
64	19510.65	29425.11	135	19453.38	29467.78	195	19225.83	29776.92	245	19147.41	29699.09	315	19047.99	29760.77
65	19523.12	29424.42	136	19453.50	29467.00	196	19222.10	29791.97	246	19145.50	29710.00	316	19173.40	29664.67
66	19521.00	29431.76	137	19449.89	29461.91	197	19214.29	29790.08	247	19140.24	29713.58	317	19156.08	29739.98
67	19517.56	29434.19	138	19420.39	29456.31	198	19216.87	29794.29	248	19078.02	29701.77	318	19105.57	29339.55
68	19523.88	29435.84	139	19415.10	29460.07	199	19217.88	29794.53	249	19076.51	29685.63	319	19429.14	29425.92
69	19520.44	29438.27	140	19414.83	29461.91	200	19279.88	29791.97	250	19081.43	29733.56	320	19431.19	29415.11
70	19531.42	29436.07	141	19418.60	29467.02	201	19288.64	29794.73	251	19152.19	29474.62			
71	19526.17	29468.83	142	19389.01	29454.44	202	19293.36	29779.98	252	19082.08	29737.18			
72	19516.91	29465.40	143	19383.23	29484.89	203	19299.04	29777.07	253	19067.05	29735.43			
73	19502.32	29533.26	144	19375.37	29483.40	204	19306.51	29779.53	254	19071.82	29731.78			
74	19512.41	29529.37	145	19357.90	29527.71	205	19309.33	29785.28	257	19025.22	29325.82			

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HORIZONTAL CONTROL POINT TABLES

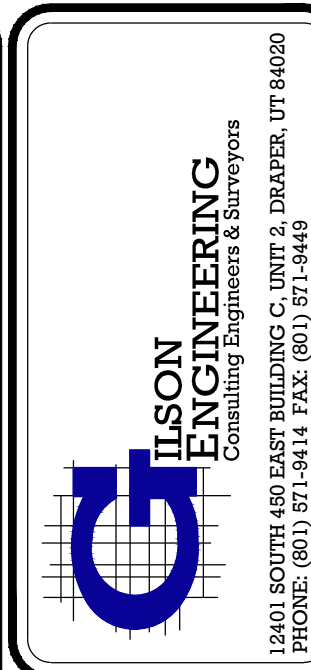
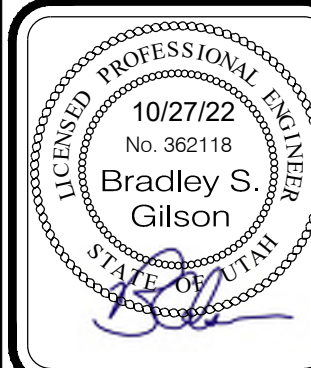
MURDOCK FORD SNTAQUIN  
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SNTAQUIN, UTAH

REVISION: **A**  
PROJ. # **NCC.010**  
**C.103**

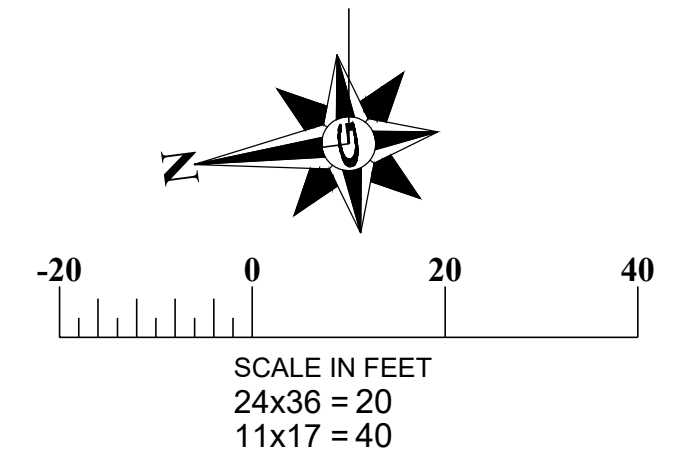
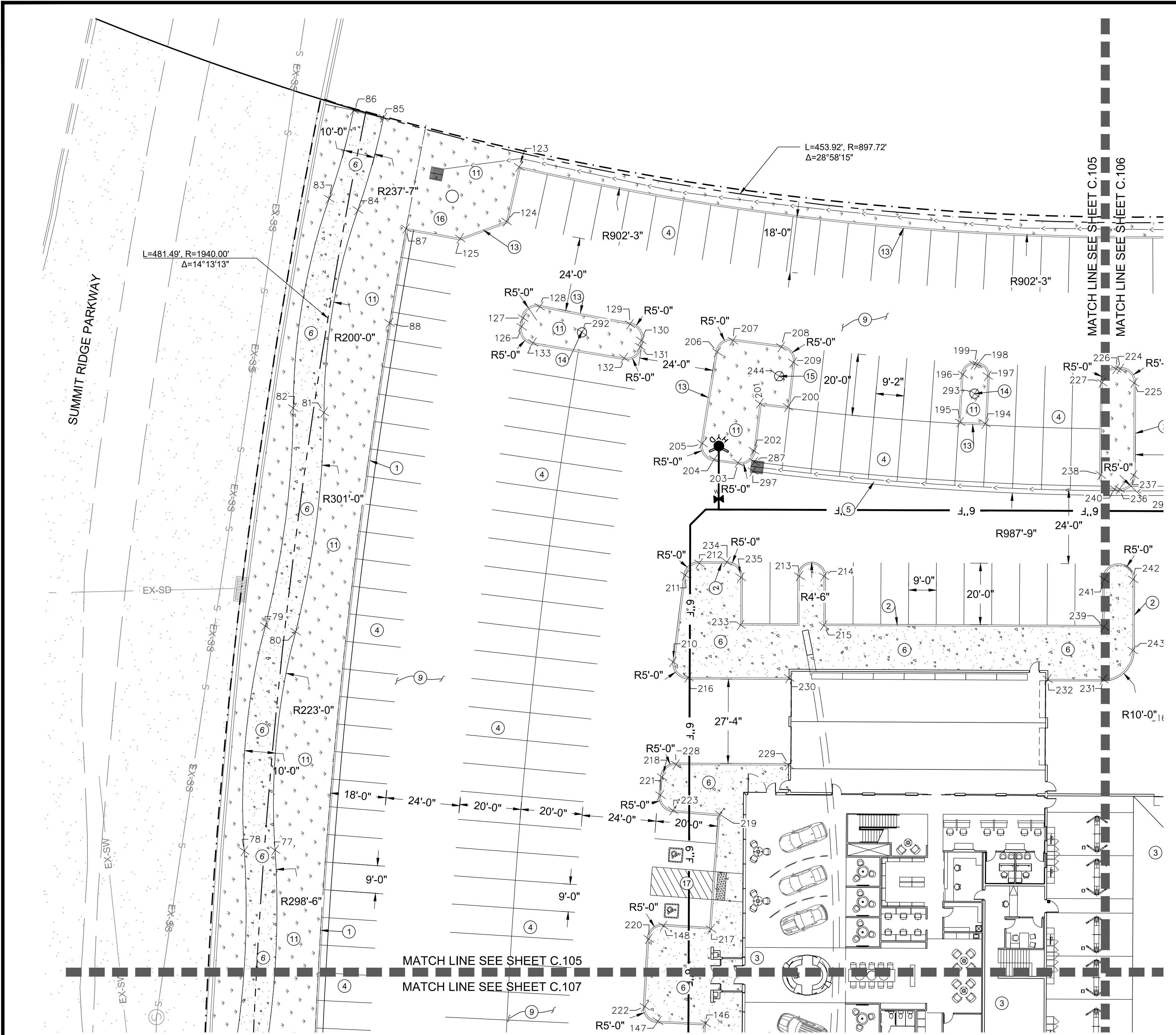
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OCTOBER 22	A	XXXX	JG	

DESIGNED/DRAWN BY: JAG  
CHECKED: [ ]  
APPROVED: [ ]

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEET







1. SEE SHEET C.104 FOR POINT TABLES.  
**CONSTRUCTION KEY NOTES**  
 (NOT ALL KEY NOTES MAY BE USED ON THIS SHEET)

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- ② INSTALL TYPE "P" CURB AND CUTTER PER CURRENT APWA STANDARD DRAWING NO. 209 SHEET C.506
- ③ REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION
- ④ INSTALL 4" WIDE PAINTED WHITE PARKING LINES
- ⑤ INSTALL 3' WIDE CONCRETE WATERWAY SEE DETAIL G SHEET 501
- ⑥ INSTALL CONCRETE SIDEWALK PER SANTAQUIN CITY STANDARD DRAWING CG5, SHEET C.503
- ⑦ INSTALL DRIVE APPROACH PER SANTAQUIN CITY STANDARD DRAWING CG3, SHEET C.503
- ⑧ INSTALL CURB RAMP PER SANTAQUIN CITY STANDARD DRAWING CG2A, SHEET C.504
- ⑨ INSTALL 3" AC OVER 6" BASE. SEE DETAIL A SHEET C.501
- ⑩ INSTALL PAVEMENT MARKING PER LATEST VERSION OF THE M.U.T.C.D
- ⑪ SEE LANDSCAPE PLANS BY OTHERS
- ⑫ CONSTRUCT CONCRETE LANDSCAPE WALL SEE DETAIL C.501
- ⑬ INSTALL MODIFIED P CURB WALL PER DETAIL C ON SHEET C.501
- ⑭ FLAG POLE BY OTHERS
- ⑮ EXISTING FLAG POLE PROTECT IN PLACE
- ⑯ EXISTING MONUMENT SIGN PROTECT IN PLACE
- ⑰ INSTALL HANDICAP ACCESS RAMP PER DETAIL F SHEET C.501
- ⑱ INSTALL DUMPSTER PAD SEE ARCHITECTURAL PLANS FOR ENCLOSURE DETAILS

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PROFESSIONAL ENGINEER  
 10/27/22  
 No. 362118  
 Bradley S Gilson  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF UTAH

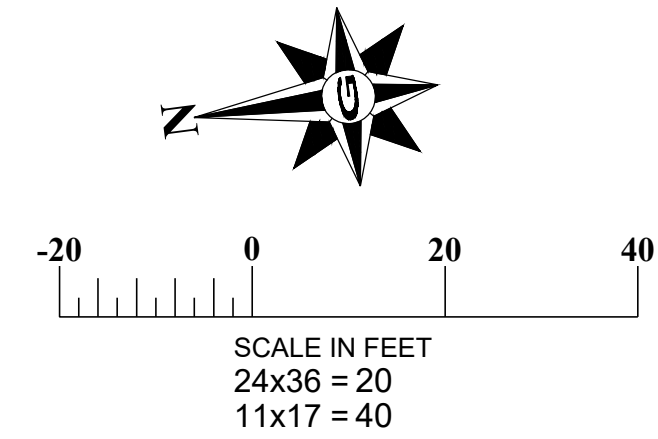
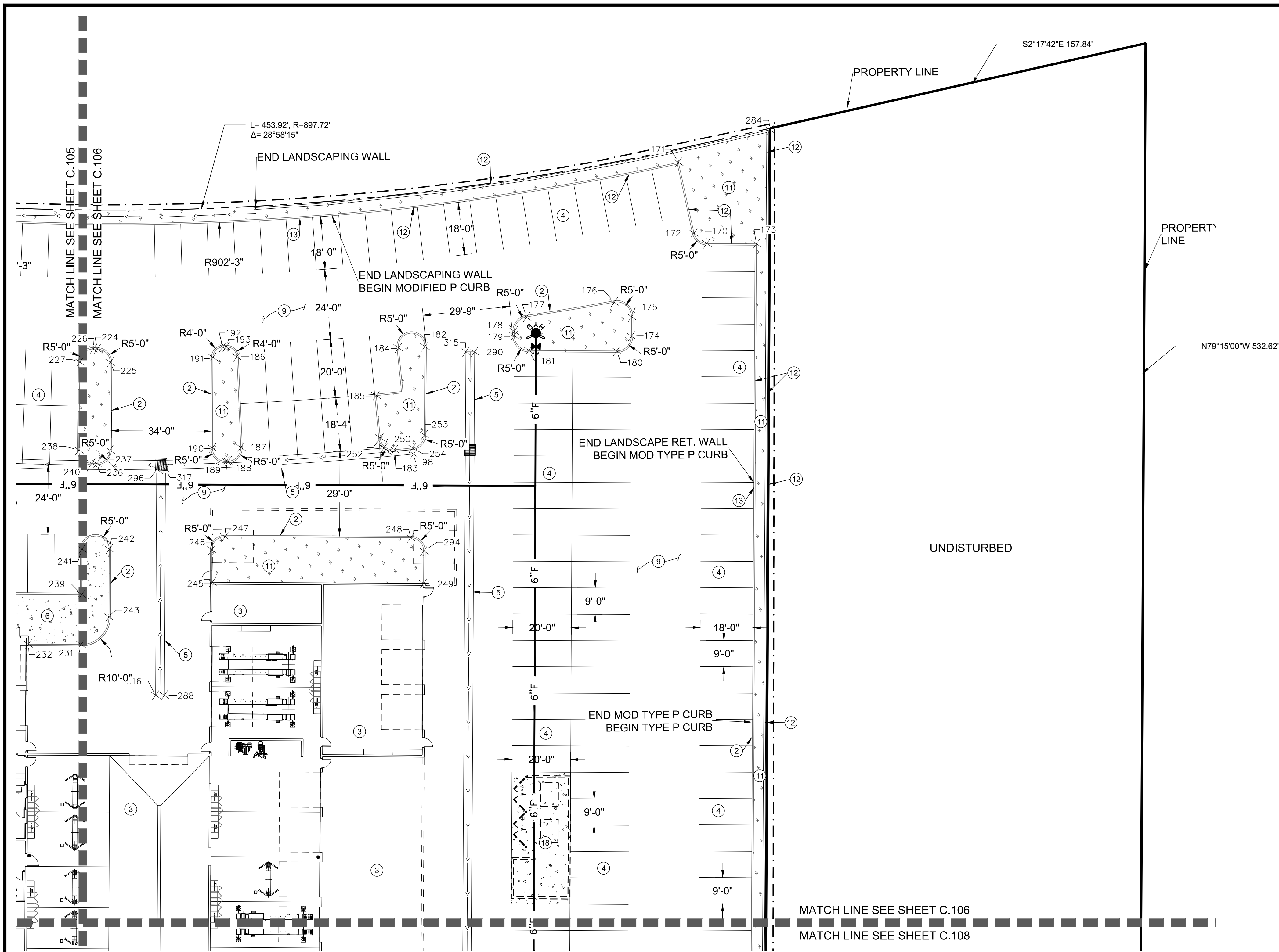
REV	DATE	BY	COMMENTS

DATE: OCTOBER 22	DESIGNED BY: JAG	CHECKED: JAG	APPROVED: JAG
SCALE: HORIZONTAL CONTROL	SCALE: VERTICAL CONTROL	SCALE: PLAN	SCALE: SECTION
SCALE: 1" = 40'	SCALE: 1" = 20'	SCALE: 1" = 40'	SCALE: 1" = 40'

**HORIZONTAL CONTROL PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ: **NCC.010**  
**C.104**





1. SEE SHEET C.104 FOR POINT TABLES.

**CONSTRUCTION KEY NOTES**  
(NOT ALL KEY NOTES MAY BE USED ON THIS SHEET)

- ① INSTALL TYPE "E" CURB AND GUTTER PER CURRENT APWA STANDARD DRAWING NO. 205.2 SHEET C.506
- ② INSTALL TYPE "P" CURB AND GUTTER PER CURRENT APWA STANDARD DRAWING NO. 209 SHEET C.506
- ③ REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION
- ④ INSTALL 4" WIDE PAINTED WHITE PARKING LINES
- ⑤ INSTALL 3" WIDE CONCRETE WATERWAY SEE DETAIL G SHEET 501
- ⑥ INSTALL CONCRETE SIDEWALK PER SANTAQUIN CITY STANDARD DRAWING CG5, SHEET C.503
- ⑦ INSTALL DRIVE APPROACH PER SANTAQUIN CITY STANDARD DRAWING CG3, SHEET C.503
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- ⑨ INSTALL 3" AC OVER 6" BASE. SEE DETAIL A SHEET C.501
- ⑩ INSTALL PAVEMENT MARKING PER LATEST VERSION OF THE M.U.T.C.D
- ⑪ SEE LANDSCAPE PLANS BY OTHERS
- ⑫ CONSTRUCT CONCRETE LANDSCAPE WALL SEE DETAIL C.501
- ⑬ INSTALL MODIFIED P CURB WALL PER DETAIL C ON SHEET C.501
- ⑭ FLAG POLE BY OTHERS
- ⑮ EXISTING FLAG POLE PROTECT IN PLACE
- ⑯ EXISTING MONUMENT SIGN PROTECT IN PLACE
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PROFESSIONAL ENGINEER  
 LICENSE NO. 362118  
 10/27/22  
 Bradley S. Gilson

REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	ISSUED FOR PERMIT

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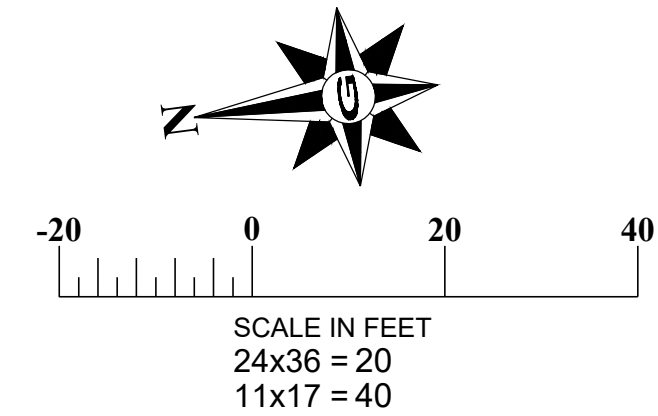
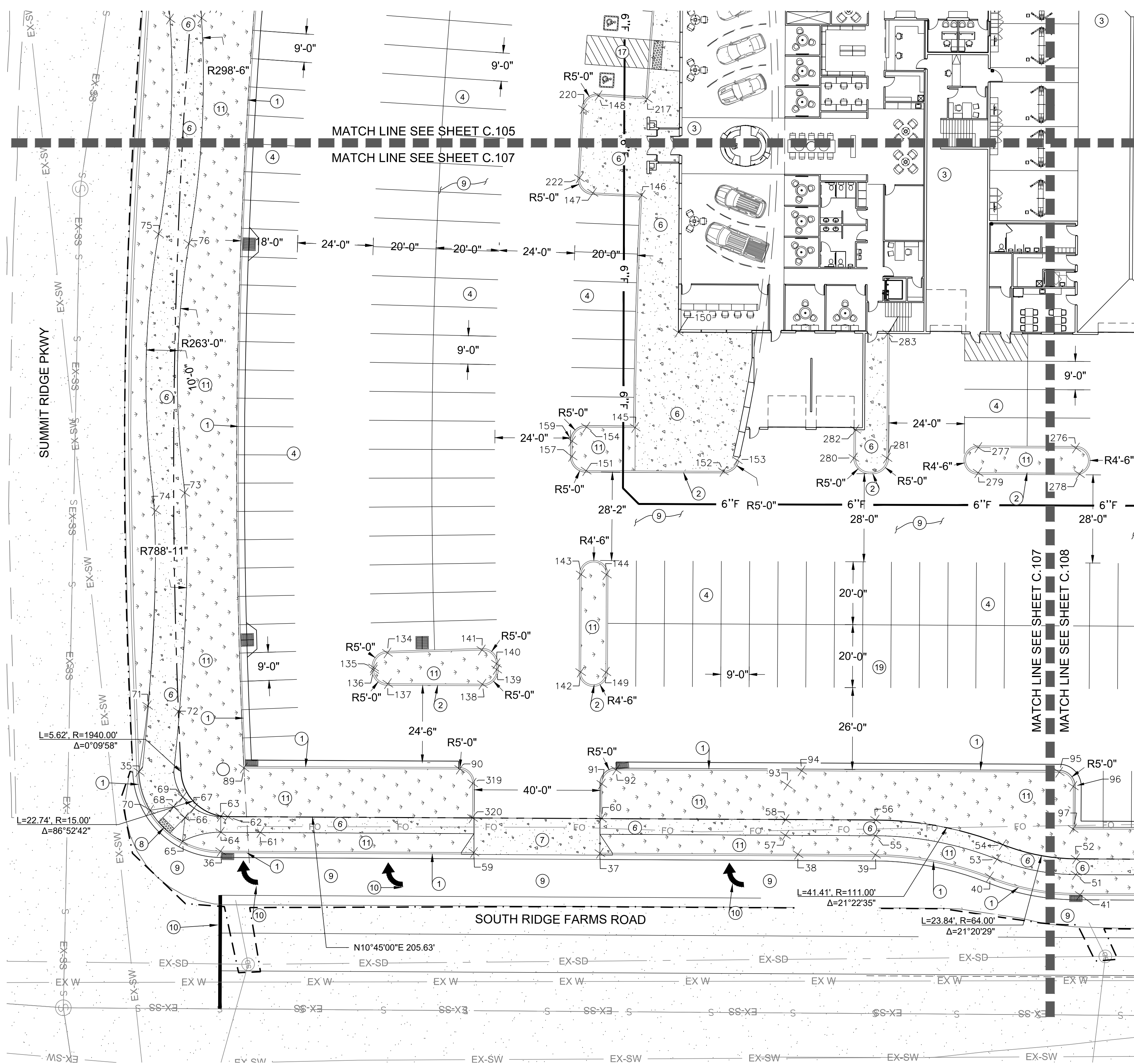
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 CHECKED: [ ]  
 APPROVED: [ ]

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
 ADJUST FOR HALF SIZE SHEET

**HORIZONTAL CONTROL PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ. # **NCC.010**  
**C.105**





1. SEE SHEET C.104 FOR POINT TABLES.

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- ⑯ EXISTING MONUMENT SIGN PROTECT IN PLACE
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- ⑱ INSTALL DUMPSTER PAD SEE ARCHITECTURAL PLANS FOR ENCLOSURE DETAILS

**GENERAL NOTES**

1. THE DEVELOPER AND THE GENERAL CONTRACTOR UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THESE PLANS ARE NOT ALL INCLUSIVE OF ALL MINIMUM CODES, ORDINANCES, AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.
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208-2100  
200 WEST 700 SOUTH, SUITE 101  
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**GILSON ENGINEERING**  
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12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
LICENSED PROFESSIONAL ENGINEER  
10/27/22  
No. 362118  
Bradley S. Gilson  
SANTAQUIN, UTAH

REV.	DATE	BY	COMMENTS
A	XXXX	JAG	

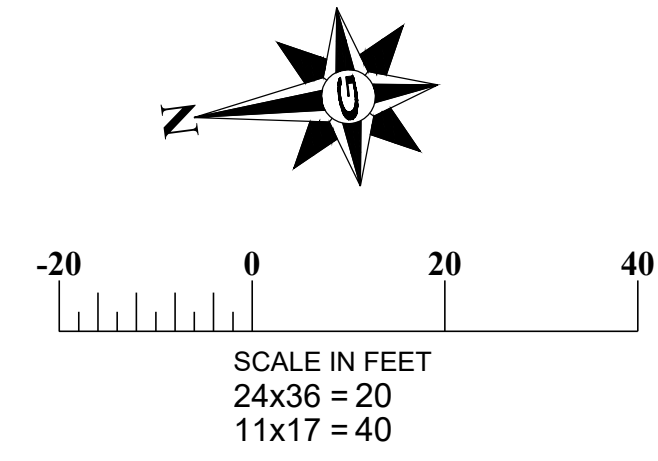
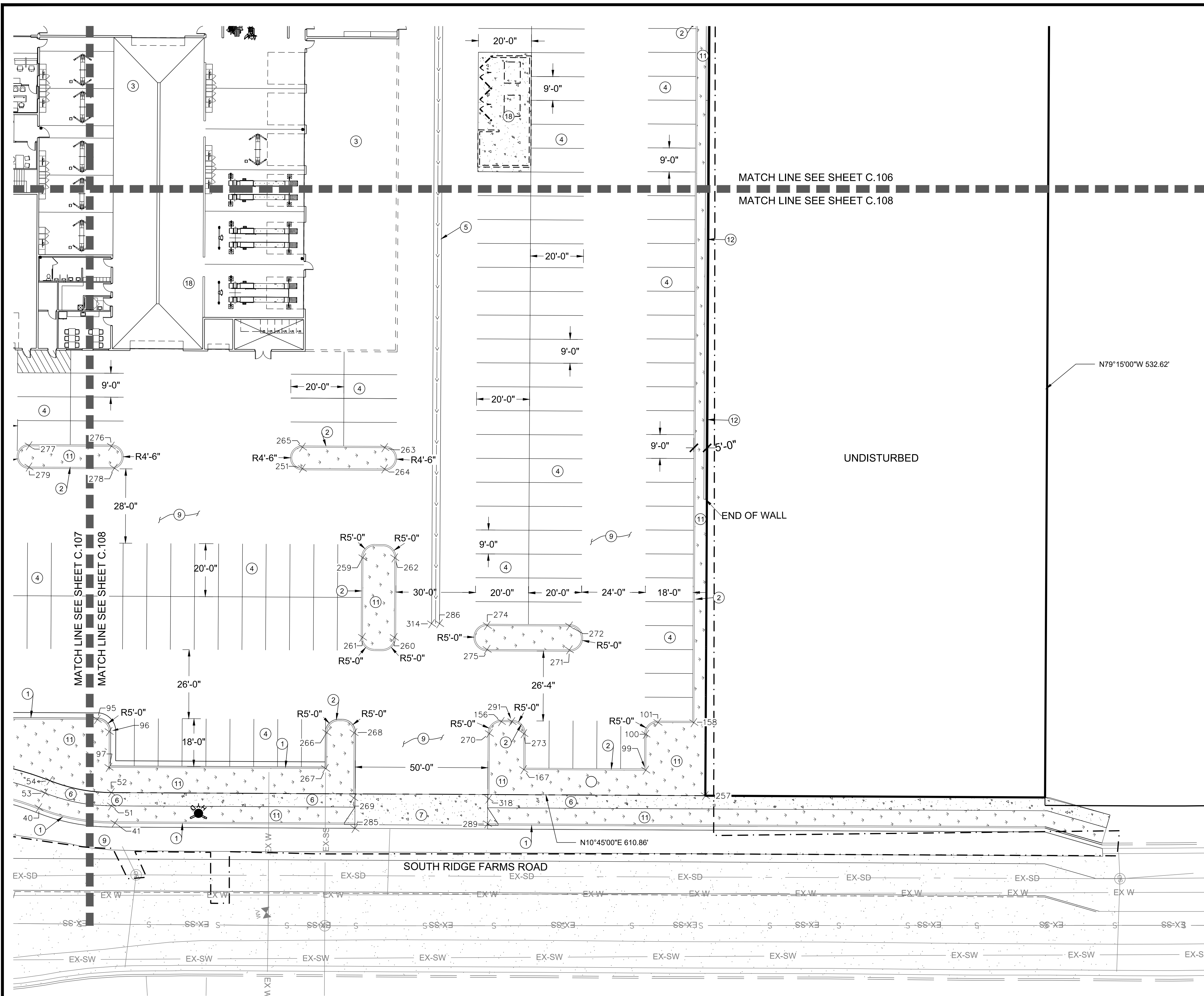
DATE	REVISIONS
OCTOBER 22	

DESIGNED BY: CJM	CHECKED: JAG
DRAWN BY: JAG	APPROVED:

**HORIZONTAL CONTROL PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ: **NCC.010**  
**C.106**





1. SEE SHEET C.104 FOR POINT TABLES.

### CONSTRUCTION KEY NOTES

(NOT ALL KEY NOTES MAY BE USED ON THIS SHEET)

- ① INSTALL TYPE "E" CURB AND GUTTER PER CURRENT APWA STANDARD DRAWING NO. 205.2 SHEET C.506
- ② INSTALL TYPE "P" CURB AND GUTTER PER CURRENT APWA STANDARD DRAWING NO. 209 SHEET C.506
- ③ REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION
- ④ INSTALL 4" WIDE PAINTED WHITE PARKING LINES
- ⑤ INSTALL 3' WIDE CONCRETE WATERWAY SEE DETAIL G SHEET 501
- ⑥ INSTALL CONCRETE SIDEWALK PER SANTAQUIN CITY STANDARD DRAWING CG5, SHEET C.503
- ⑦ INSTALL DRIVE APPROACH PER SANTAQUIN CITY STANDARD DRAWING CG3, SHEET C.503
- ⑧ INSTALL CURB RAMP PER SANTAQUIN CITY STANDARD DRAWING CG2A, SHEET C.504
- ⑨ INSTALL 3" AC OVER 6" BASE. SEE DETAIL A SHEET C.501
- ⑩ INSTALL PAVEMENT MARKING PER LATEST VERSION OF THE M.U.T.C.D
- ⑪ SEE LANDSCAPE PLANS BY OTHERS
- ⑫ CONSTRUCT CONCRETE LANDSCAPE WALL SEE DETAIL C.501
- ⑬ INSTALL MODIFIED P CURB WALL PER DETAIL C ON SHEET C.501
- ⑭ FLAG POLE BY OTHERS
- ⑮ EXISTING FLAG POLE PROTECT IN PLACE
- ⑯ EXISTING MONUMENT SIGN PROTECT IN PLACE
- ⑰ INSTALL HANDICAP ACCESS RAMP PER DETAIL F SHEET C.501
- ⑱ INSTALL DUMPSTER PAD SEE ARCHITECTURAL PLANS FOR ENCLOSURE DETAILS

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PROFESSIONAL ENGINEER  
LICENSED PROFESSIONAL ENGINEER  
10/27/22  
No. 362118  
Bradley S. Gilson  
SALT LAKE CITY, UTAH

REV.	DATE	BY	COMMENTS

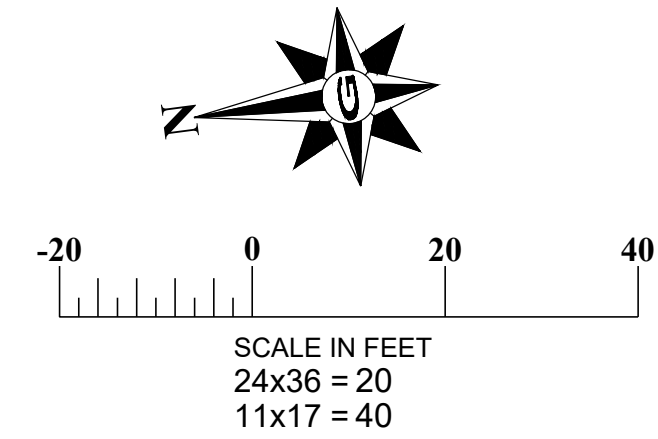
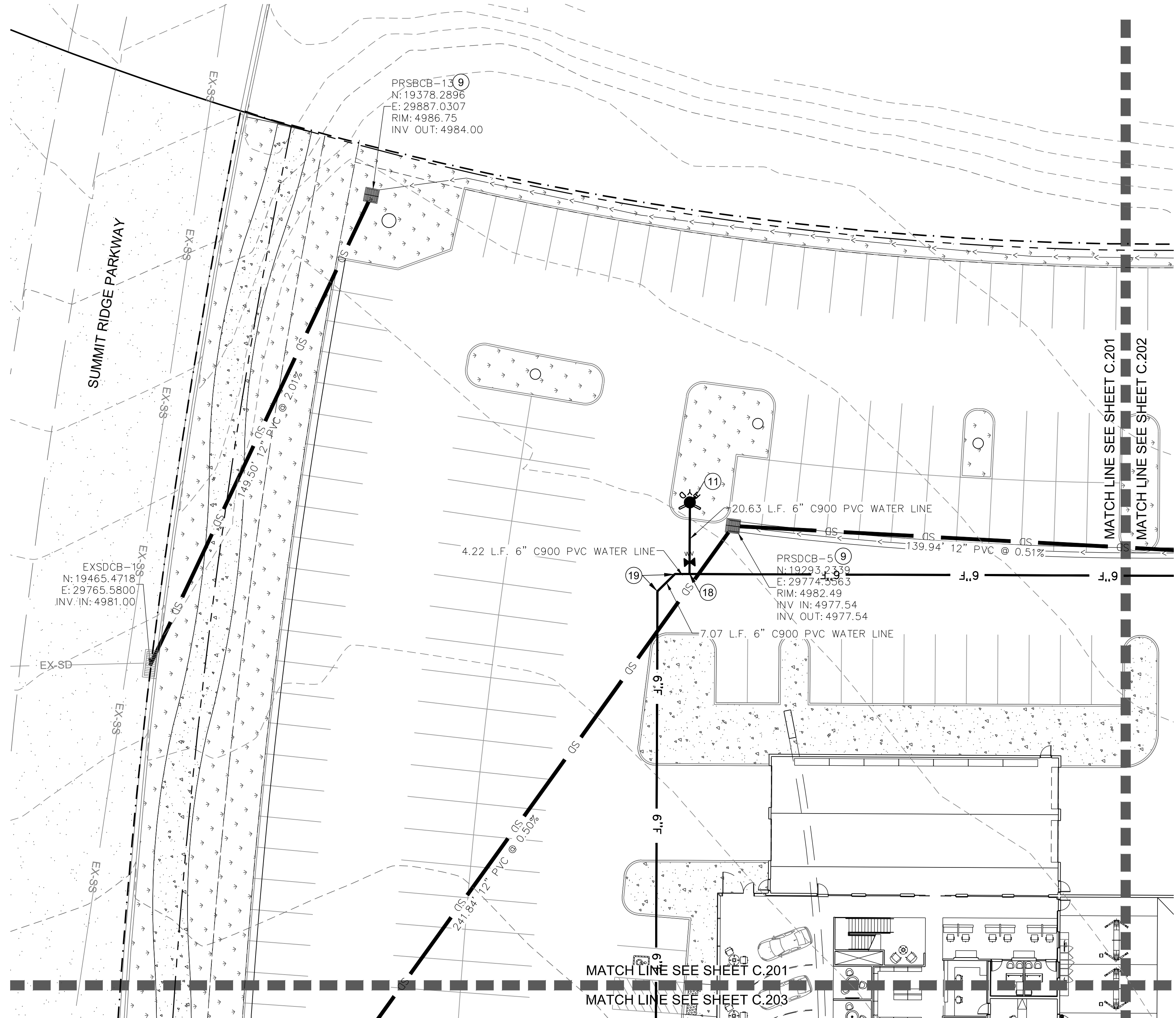
REV.	DATE	BY	COMMENTS

DATE: OCTOBER 22	CHECKED: JAG
DESIGNED/DRAWN BY: JAG	APPROVED: [Signature]
SCALE: 1" = 40'	ADJUST FOR HALF SIZE SHEET

**HORIZONTAL CONTROL PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ. NO: **NCC.010**  
**C.107**





**CONSTRUCTION KEY NOTES**  
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PROFESSIONAL ENGINEER  
10/27/22  
No. 362118  
Bradley S. Gilson  
SANTAQUIN, UTAH

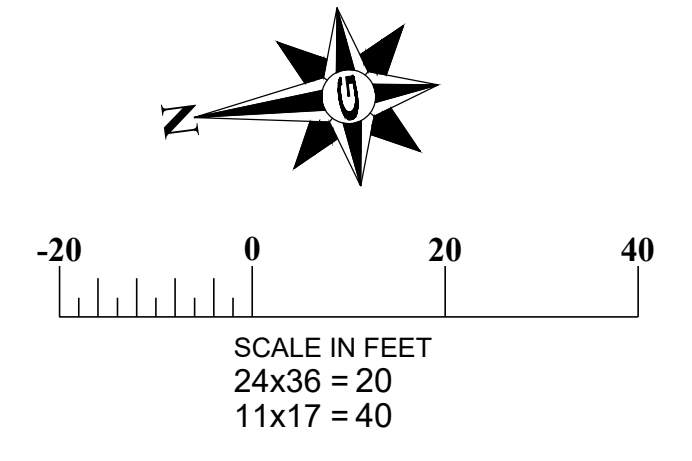
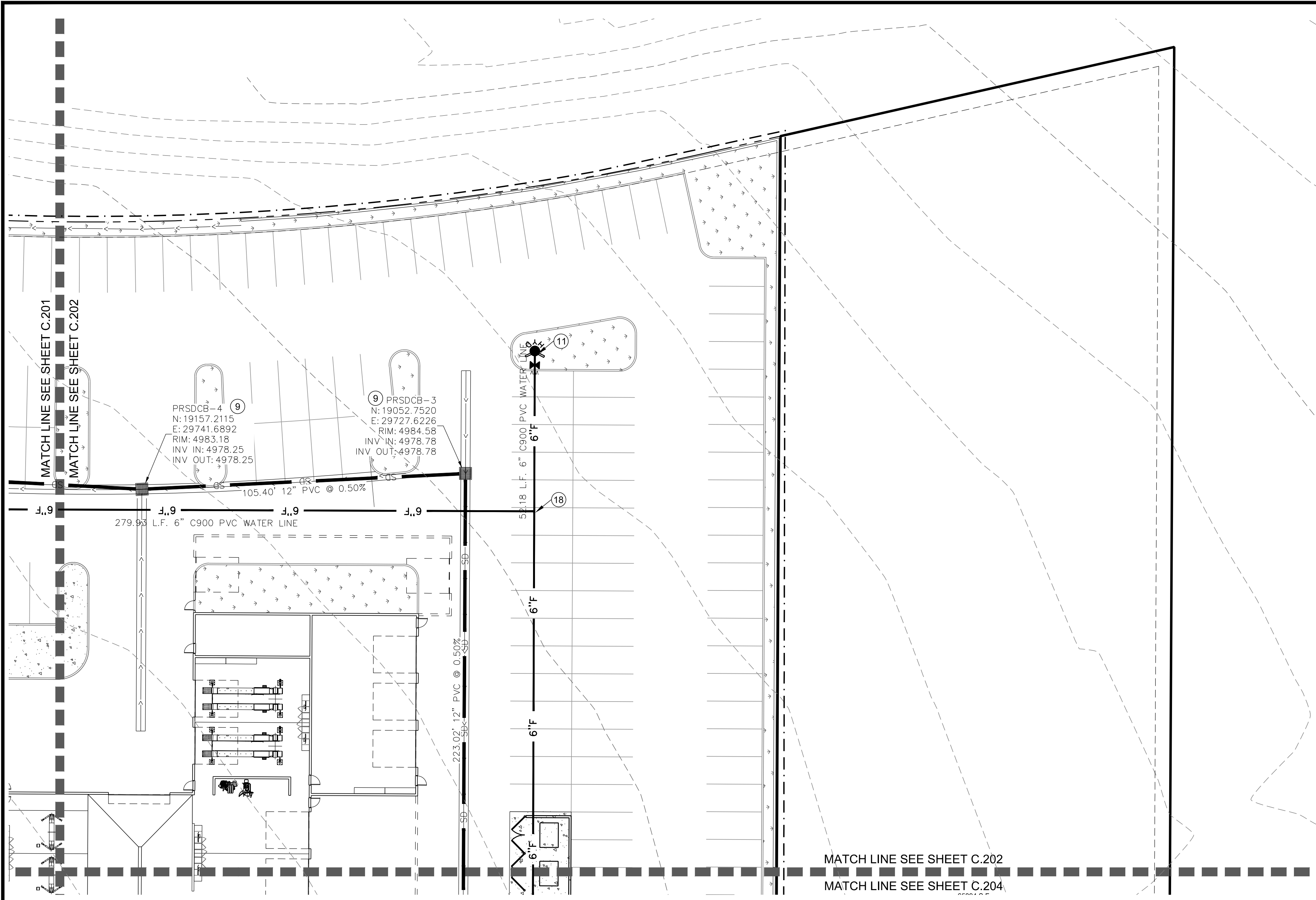
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A	10/27/22	JAG	

DATE	REVISIONS
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DESIGNED BY:	JAG
CHECKED:	
APPROVED:	

**UTILITY PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ. **NCC.010**  
**C.201**





**CONSTRUCTION KEY NOTES**  
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10/27/22  
No. 362118  
Bradley S. Gilson  
Professional Engineer  
Lic. No. 362118  
State of Utah

REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	

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A	10/27/22	JAG	

DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
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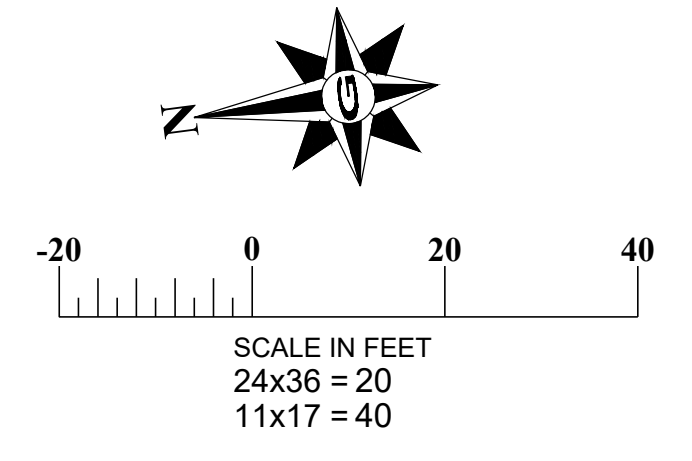
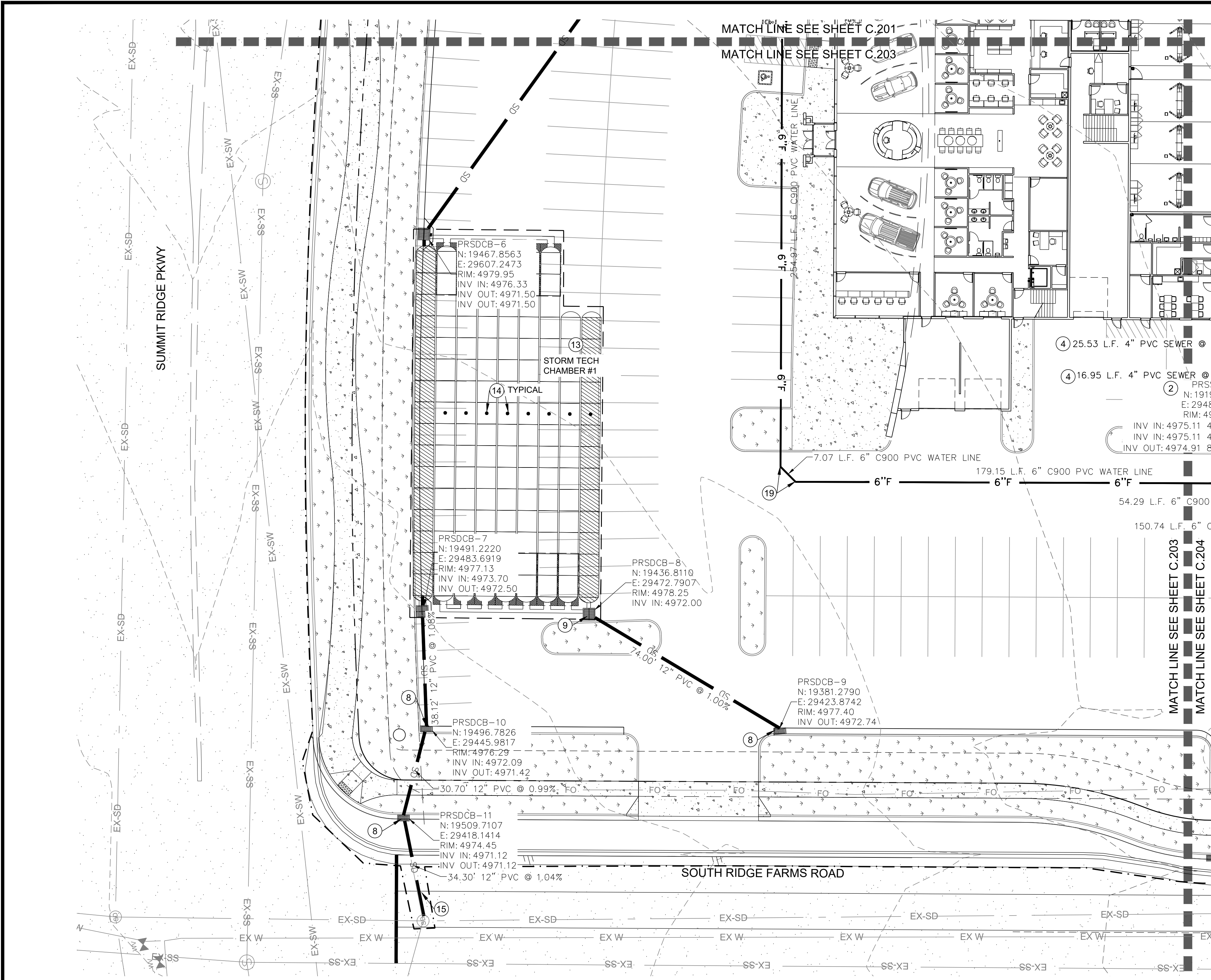
**UTILITY PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**

PROJ. **NCC.010**

**C.202**





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**STORMTECH CHAMBER # 1**

REQUIRED STORAGE:	25,462 C.F.
PROVIDED STORAGE:	26,484 C.F.
BOTTOM OF CHAMBER ELEVATION:	4971.50
BOTTOM OF GRAVEL ELEVATION:	4970.75

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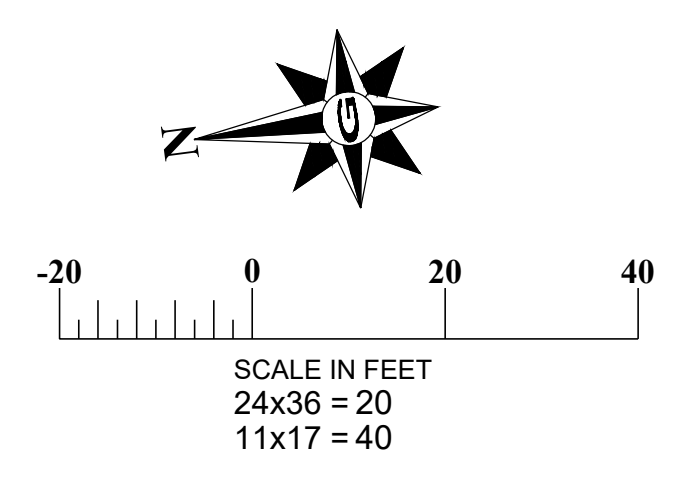
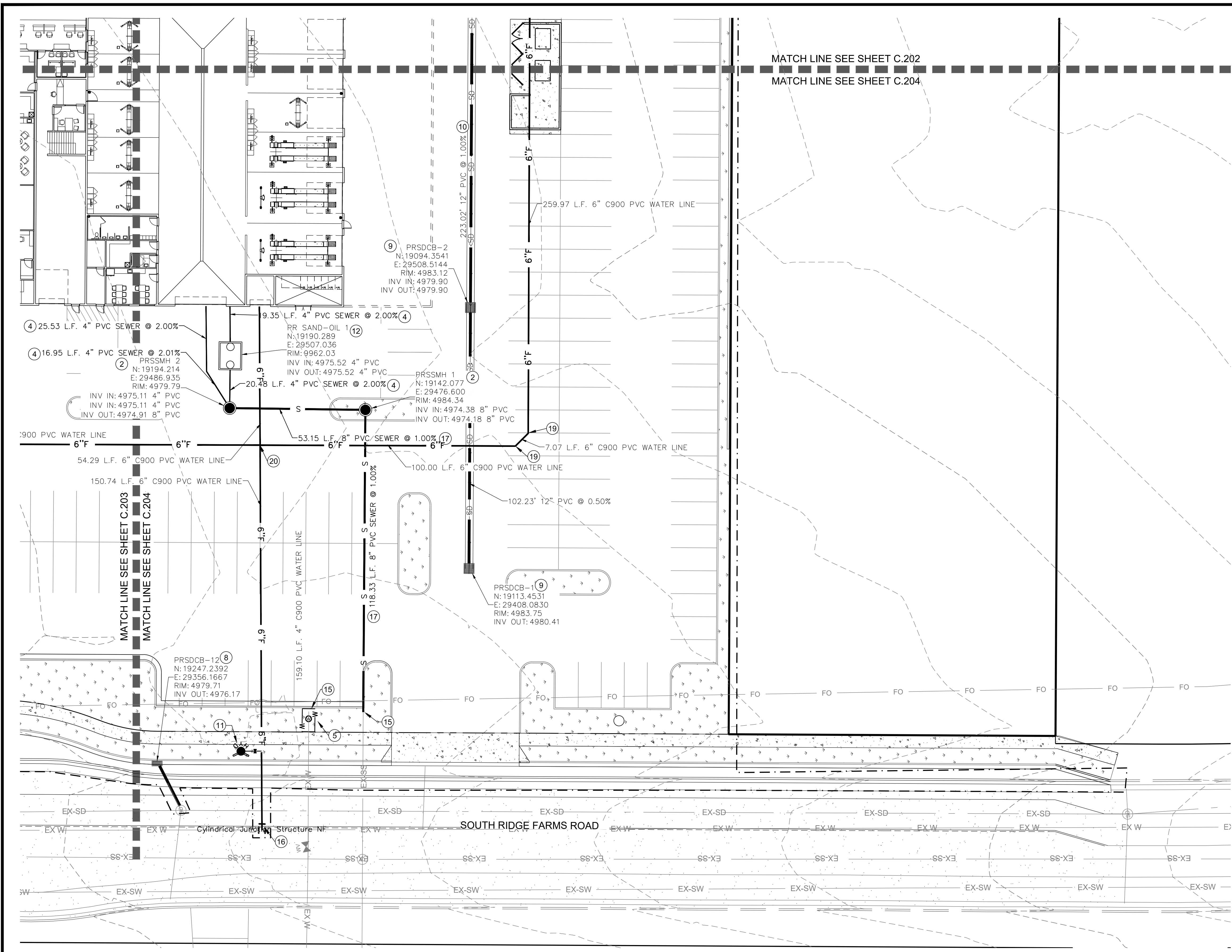
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DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
SCALE: MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET			

**UTILITY PLAN**  
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 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ. NO: **NCC.010**  
**C.203**





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 State of Utah

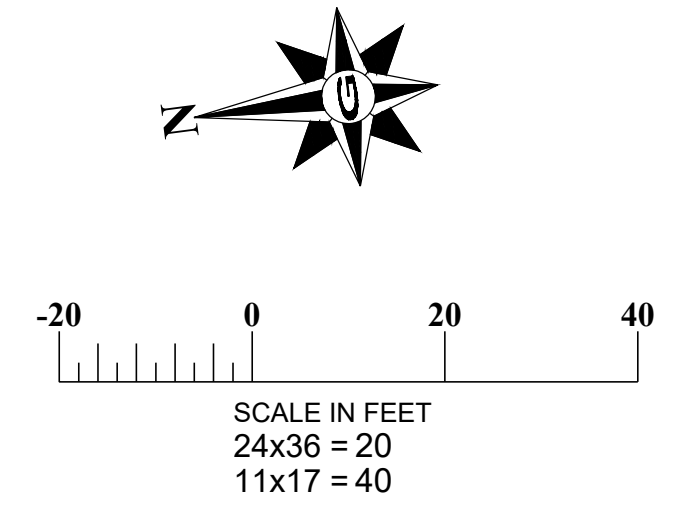
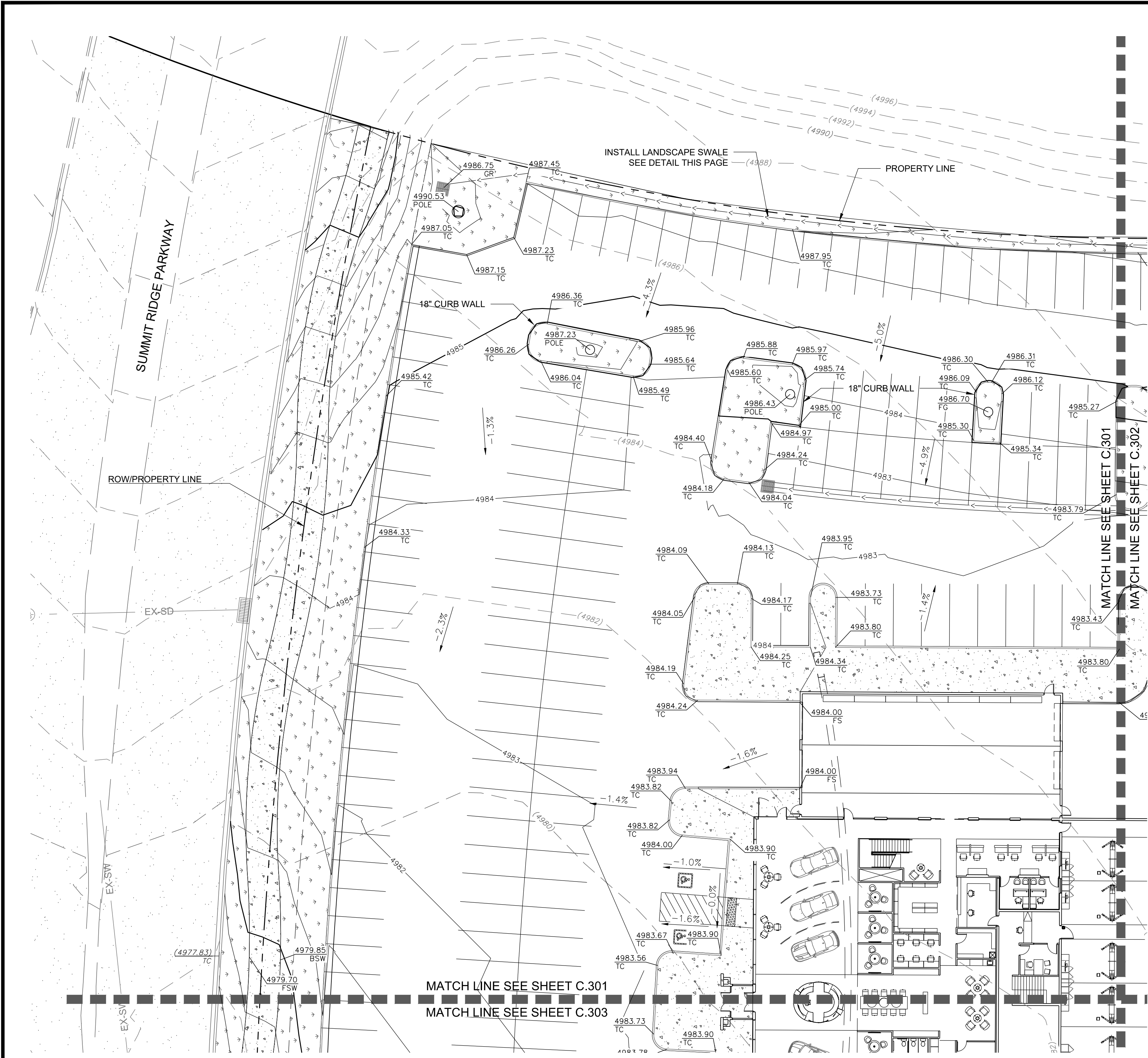
REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	

DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
PROJECT NAME: UTILITY PLAN	SCALE: 1" = 40'	1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET	

**UTILITY PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ. NO: **NCC.010**  
**C.204**





### GRADING GENERAL NOTES

SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING, OR UNSUITABLE MATERIAL AND REPLACING THEM WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557 EXCEPT UNDER BUILDING FOUNDATIONS WHERE IT SHALL BE 95% MINIMUM OF MAXIMUM DENSITY. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT COMPACTION REPORT AS PREPARED BY A QUALIFIED REGISTERED GEOTECHNICAL ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREA WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS.

CONTRACTOR TO BECOME FAMILIAR WITH SOIL CONDITIONS THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL AND DUST SUPPRESSION FROM CONSTRUCTION OF THIS PROJECT.

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ALL DOORWAY LANDING SHALL BE ADA COMPLIANT.

### LEGEND AND ABBREVIATIONS

TC = TOP OF CURB	x.xxx%	DIRECTION OF FLOW & SLOPE
AC = ASPHALT AND CONCRETE	(xx.xx) AC	EXISTING GRADE
BSW = BACK OF SIDEWALK	xx.xx TC	PROPOSED GRADE
FF = FINISH FLOOR	(xxxxx)	EXISTING CONTOUR
FL = FLOW LINE	-----	RIGHT-OF-WAY/PROPERTY LINE
FS = FINISH SURFACE	-----	CENTERLINE
GB = GRADE BREAK	-----	EXISTING CURB, GUTTER & SIDEWALK
HP = HIGH POINT	-----	EXISTING STRUCTURE
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TS = TOP OF STAIRS	-----	
MATCH = MATCH EXISTING	-----	
FG = FINISH GRADE	-----	
TOW = TOP OF WALL	-----	

### SITE STATISTICS

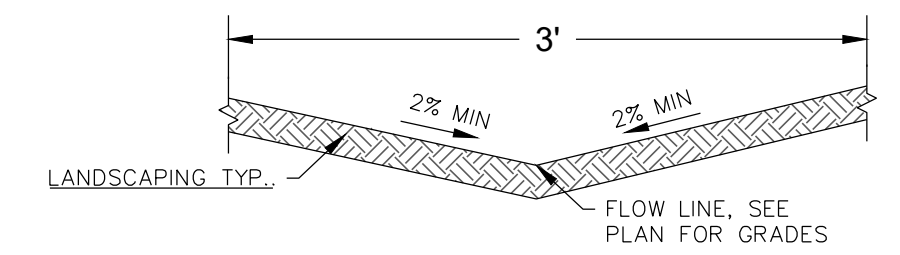
CUT: 13,333 CY  
 FILL: 7,827 CY  
 NET CUT: 5,506 CY  
 FFE: 4984.00

### GENERAL NOTES

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### DISCLAIMER NOTE

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### DRAINAGE SWALE IN LANDSCAPE AREA

N.T.S.

**TILSON ENGINEERING**  
 Consulting Engineers & Surveyors  
 12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
 PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
 LICENSE NO. 362118  
 10/27/22  
**Bradley S. Gilson**  
 SALT LAKE CITY, UTAH

REV.	DATE	BY	COMMENTS

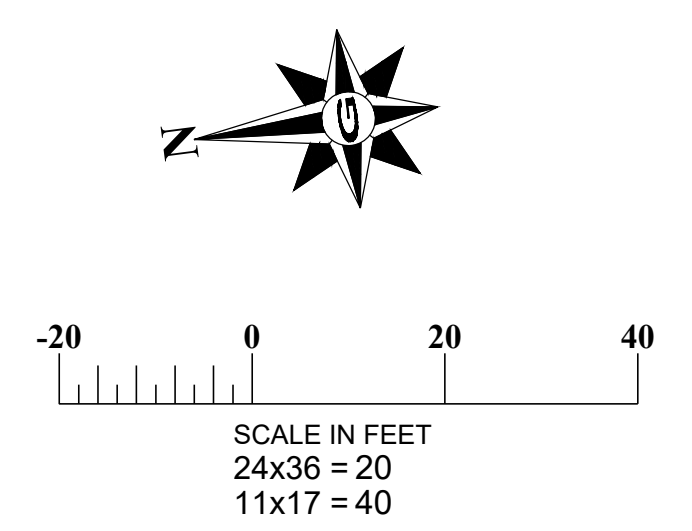
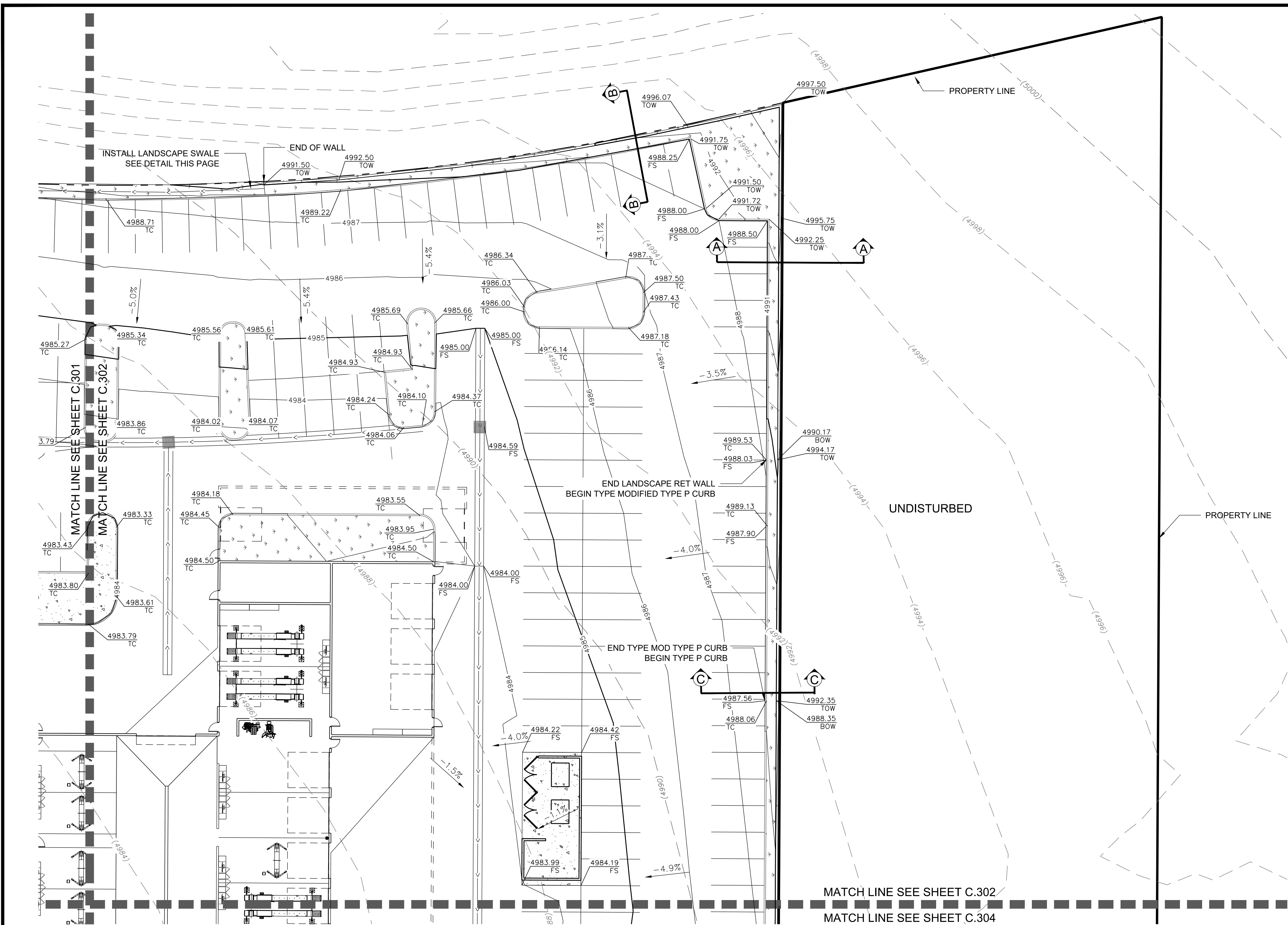
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DATE: OCTOBER 22	SCALE: 1" = 40'	SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET

**GRADING PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ: **NCC.010**  
**C.301**

**CALL BEFORE YOU DIG.**  
 IT'S FREE & IT'S THE LAW.  
 1-800-662-4111  
 208-2100  
 200 WEST 700 SOUTH, SUITE 101  
 SALT LAKE CITY, UTAH 84101





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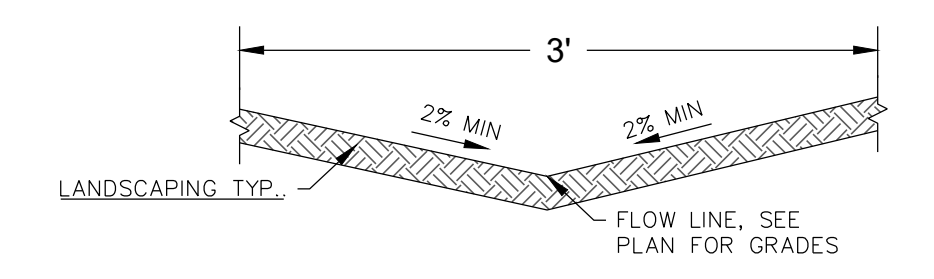
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FL = FLOW LINE	(XXXX)	RIGHT-OF-WAY/PROPERTY LINE
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MATCH = MATCH EXISTING		
FG = FINISH GRADE		
TOW = TOP OF WALL		

### SITE STATISTICS

CUT: 13,333 CY  
 FILL: 7,827 CY  
 NET CUT: 5,506 CY  
 FFE: 4984.00



### DRAINAGE SWALE IN LANDSCAPE AREA

N.T.S.

### GENERAL NOTES

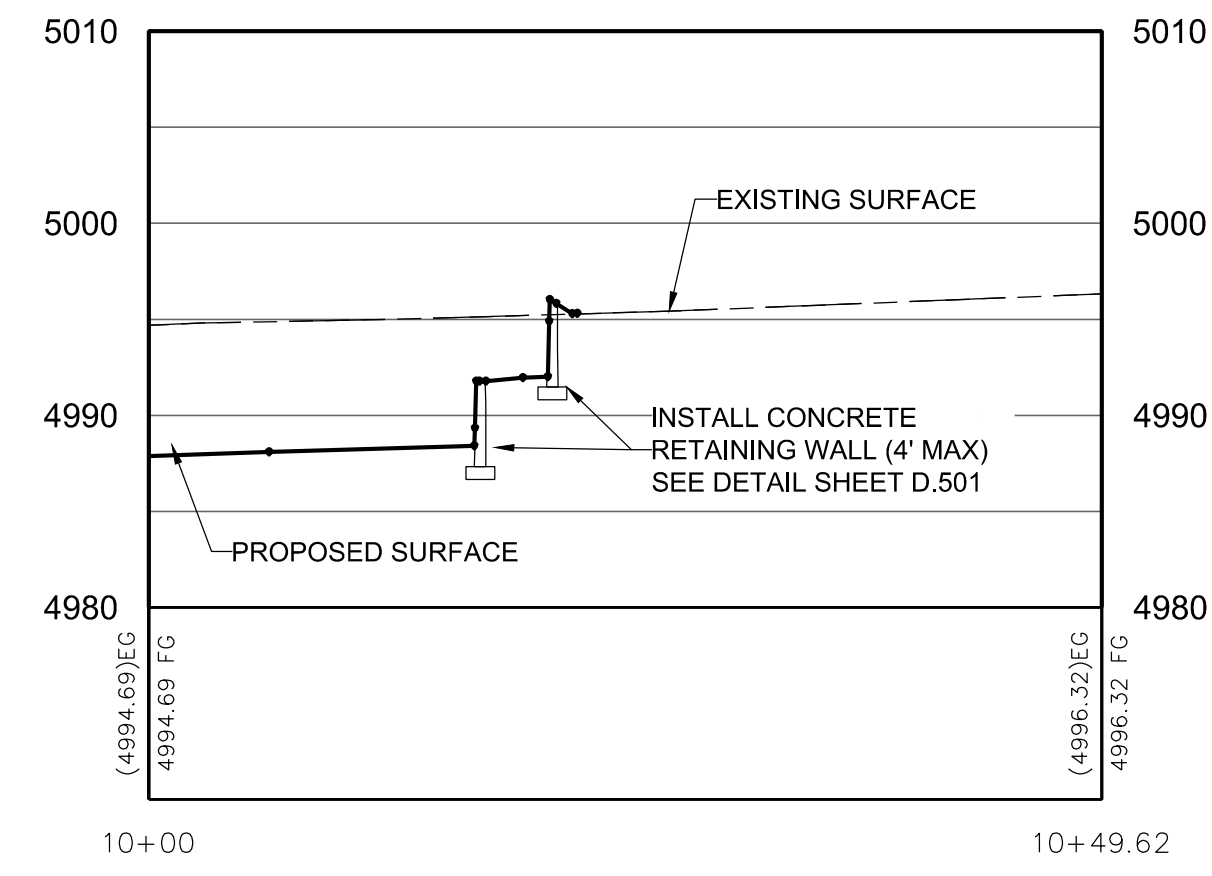
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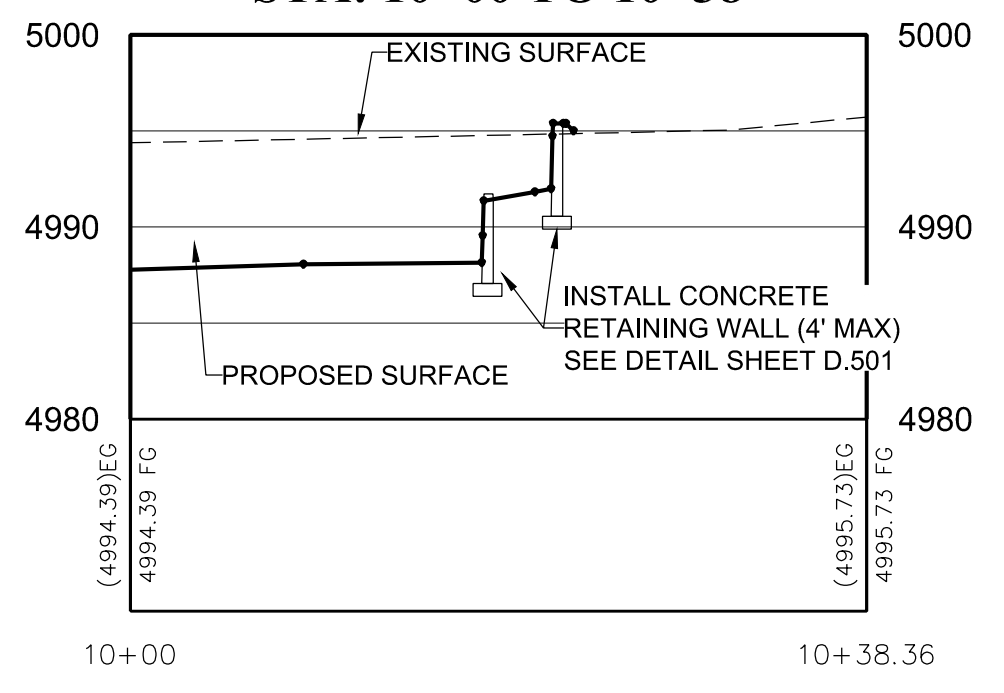
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 200 WEST 700 SOUTH, SUITE 101  
 SALT LAKE CITY, UTAH 84101

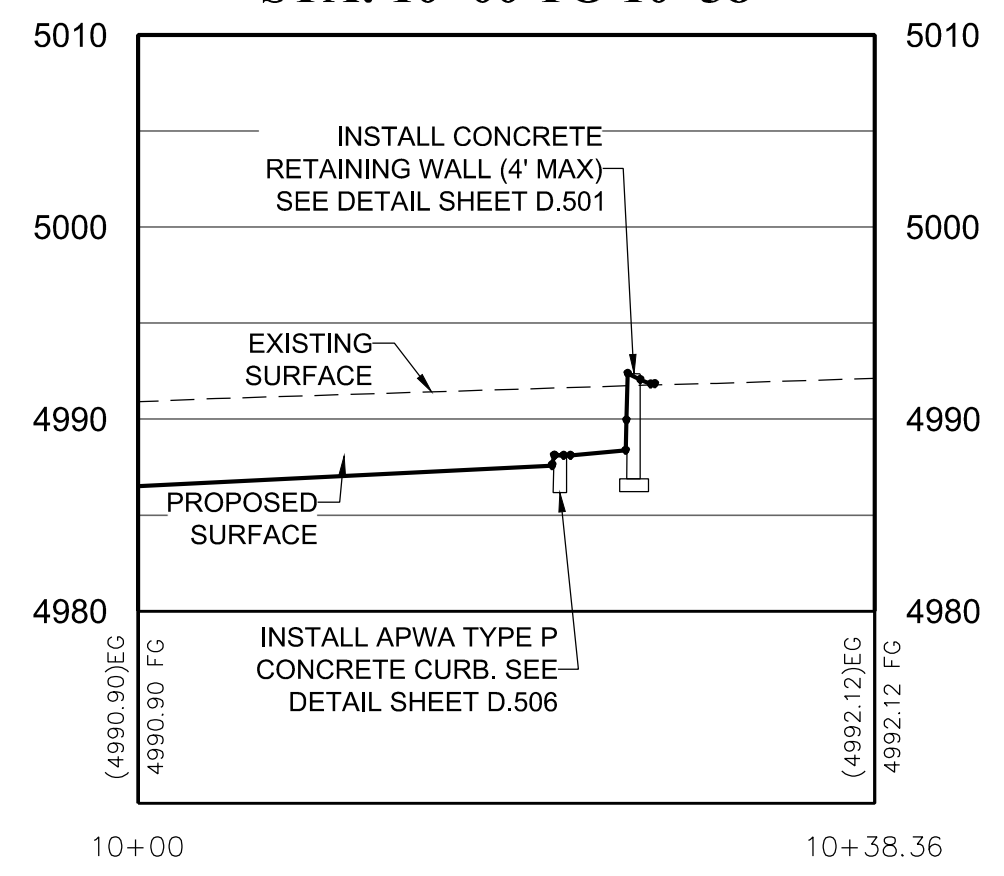
**SECTION A**  
 STA: 10+00 TO 10+50



**SECTION B**  
 STA: 10+00 TO 10+38



**SECTION C**  
 STA: 10+00 TO 10+38



**GILSON ENGINEERING**  
 Consulting Engineers & Surveyors  
 12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
 PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
 10/27/22  
 No. 362118  
**Bradley S. Gilson**  
 SALT LAKE CITY, UTAH

REV.	DATE	BY	COMMENTS

DATE: OCTOBER 22	DESIGNED BY: JAG	CHECKED: JAG	APPROVED: JAG
DRAWING NAME: GRADING PLAN	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG

1" SCALE MEASURES 1' ON FULL SIZE SHEET  
 ADJUST FOR HALF SIZE SHEET

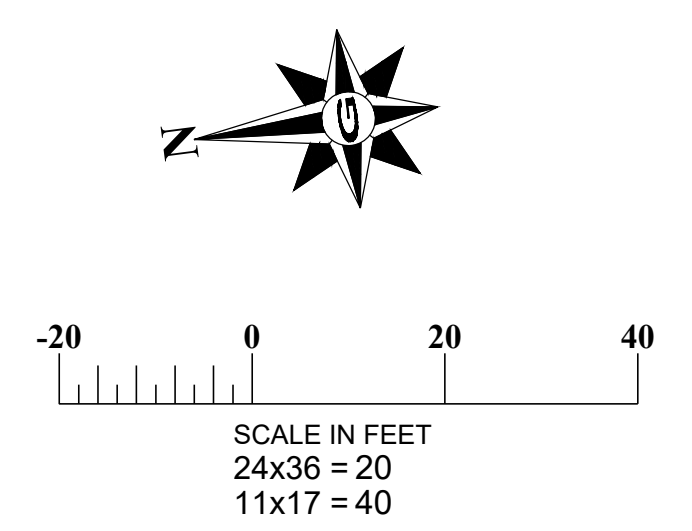
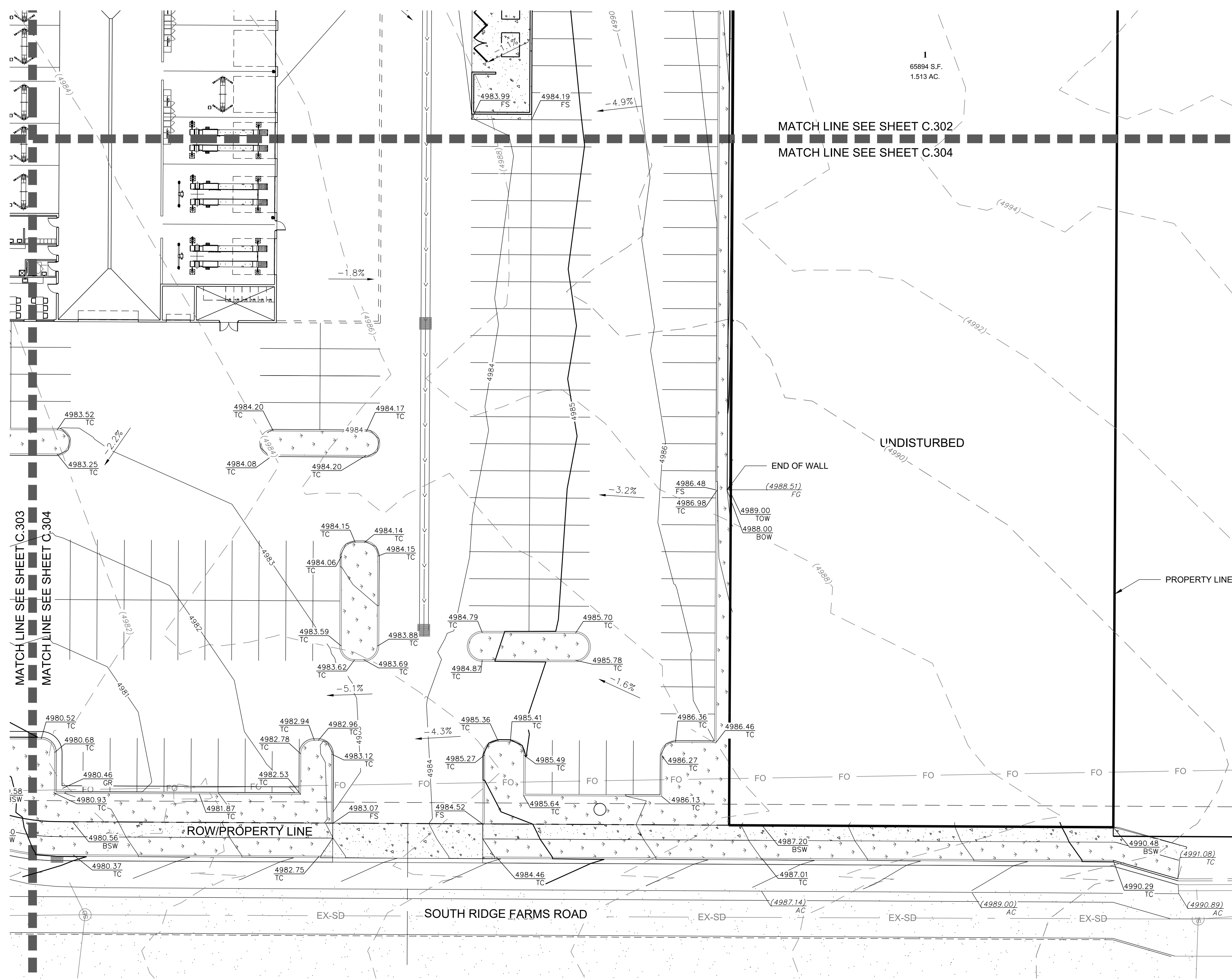
**GRADING PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ: **NCC.010**  
**C.302**









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**SITE STATISTICS**

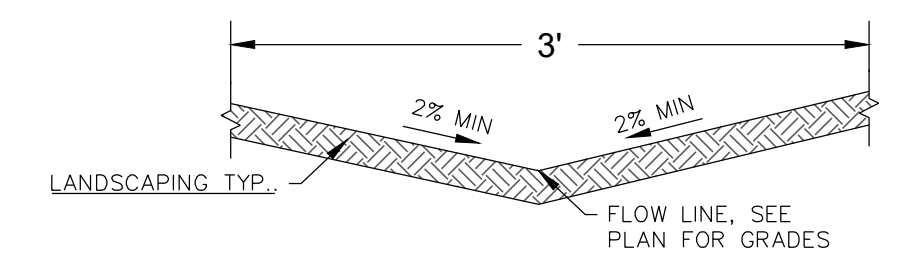
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**DRAINAGE SWALE IN LANDSCAPE AREA**

N.T.S.

**TILSON ENGINEERING**  
 Consulting Engineers & Surveyors  
 12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
 PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
 LICENSE NO. 1027122  
 No. 362118  
 Bradley S. Gilson  
 SALT LAKE CITY, UTAH

REV.	DATE	BY	COMMENTS

DESIGNED/DRAWN BY: JAG  
 CHECKED: JAG  
 APPROVED: JAG

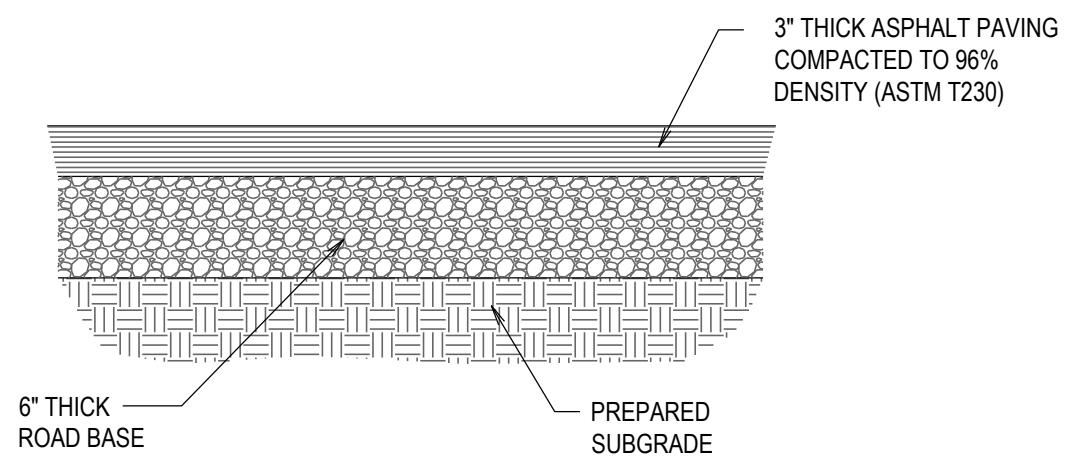
1" SCALE MEASURES 1' ON FULL SIZE SHEET  
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**GRADING PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ. NO. **NCC.010**  
**C.304**

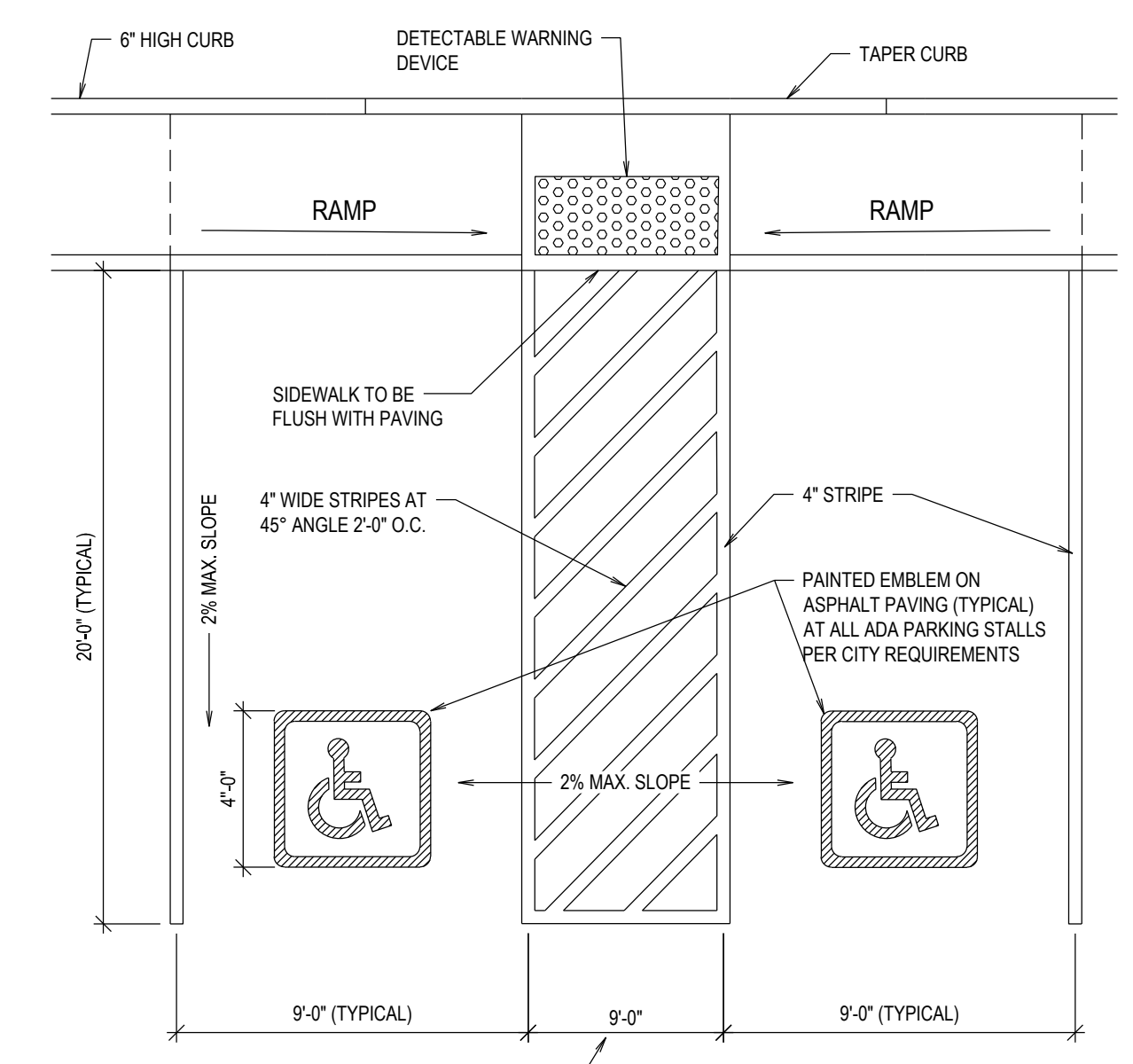
**CALL BEFORE YOU DIG. IT'S FREE & IT'S THE LAW.**  
 1-800-662-4111  
 208-2100  
 200 WEST 700 SOUTH, SUITE 101  
 SALT LAKE CITY, UTAH 84101





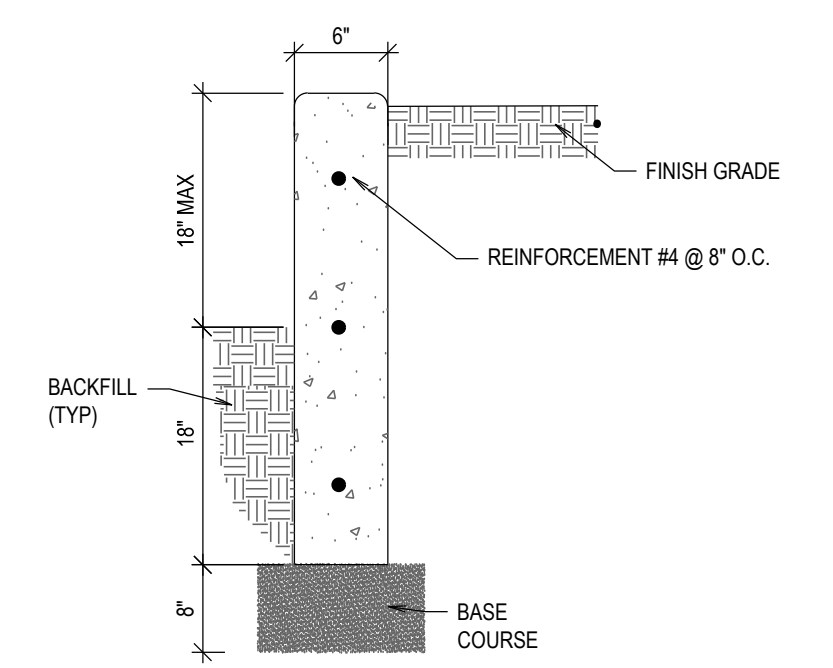
- NOTES:**
1. UTILIZE A FILTER FABRIC, SUCH AS MIRIFI 500X OR EQUIVALENT, OVER SOFT SUBGRADE.
  2. ASPHALT CONCRETE AND BASE COURSE COMPONENTS SHOULD MEET THE REQUIREMENTS OF AND BE PLACED IN ACCORDANCE WITH SANTAQUIN CITY SPECIFICATIONS OR PROJECT GEOTECH

**A ASPHALT PAVING SECTION**  
SCALE: N.T.S.

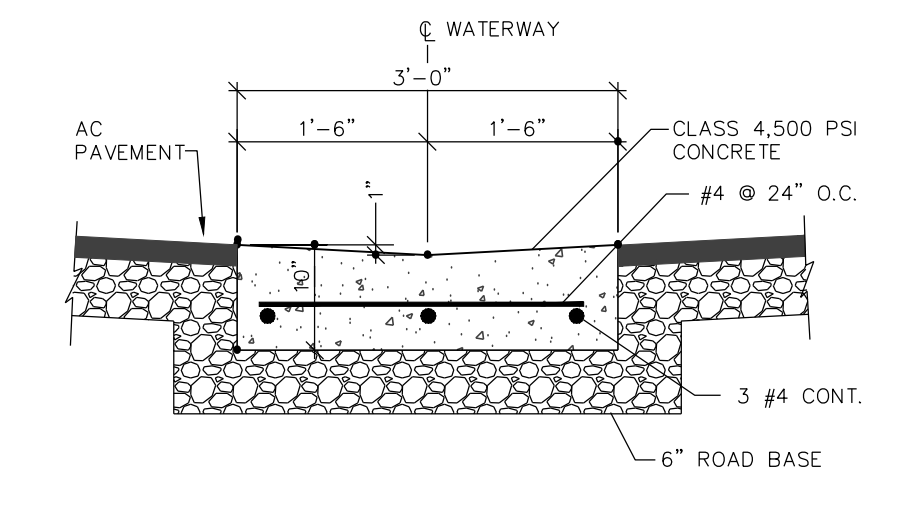


ACCESS AISLES MIN. WIDTH 5' UNLESS NEXT TO A VAN ACCESSIBLE STALL THAT IS 9 FT IN WIDTH THE ACCESS AISLE MUST ALSO BE 9 FT IN WIDTH.

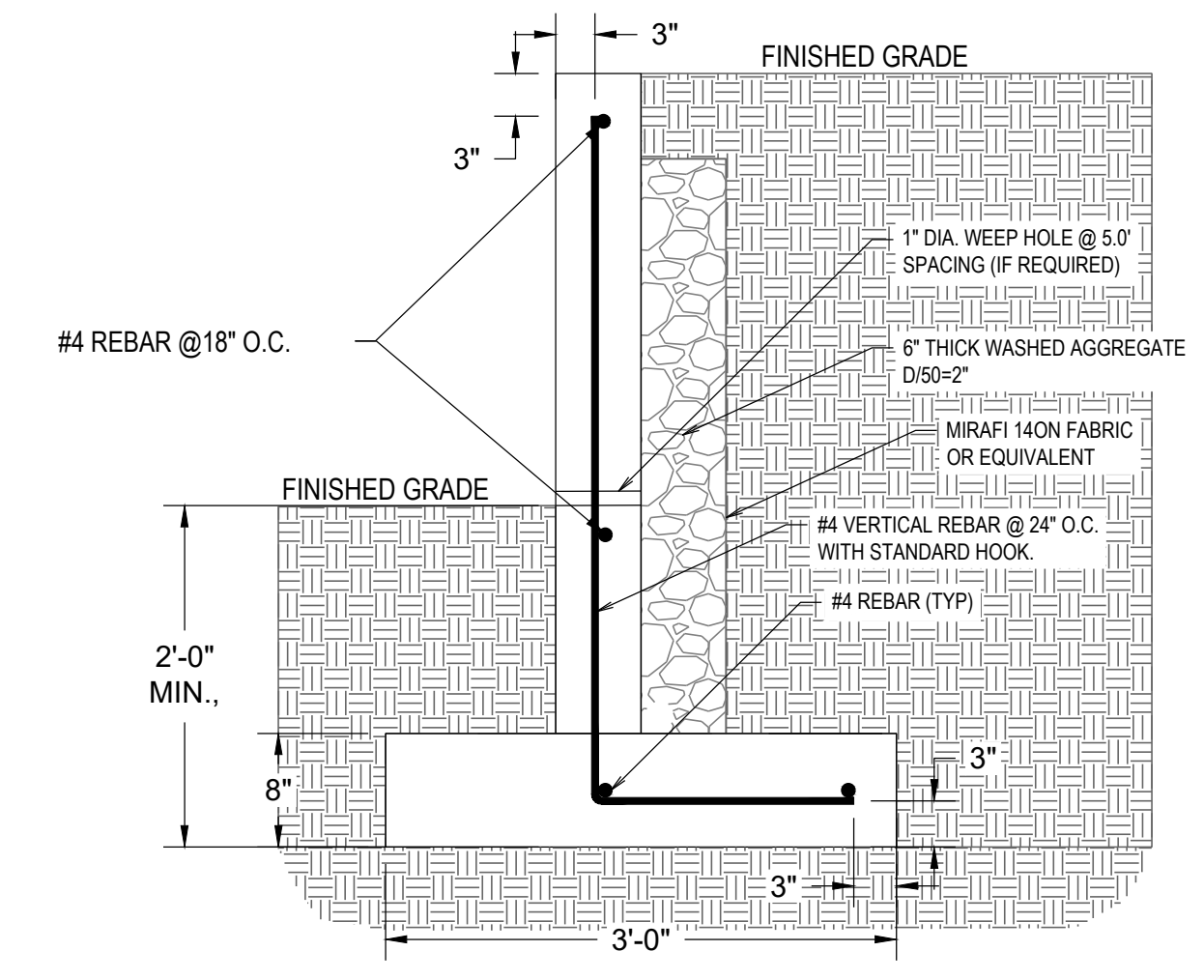
**B ACCESSIBLE PARKING**  
SCALE: N.T.S. (SEE ANSI A117.1)



**C APWA TYPE 'P' MODIFIED**  
SCALE: N.T.S.



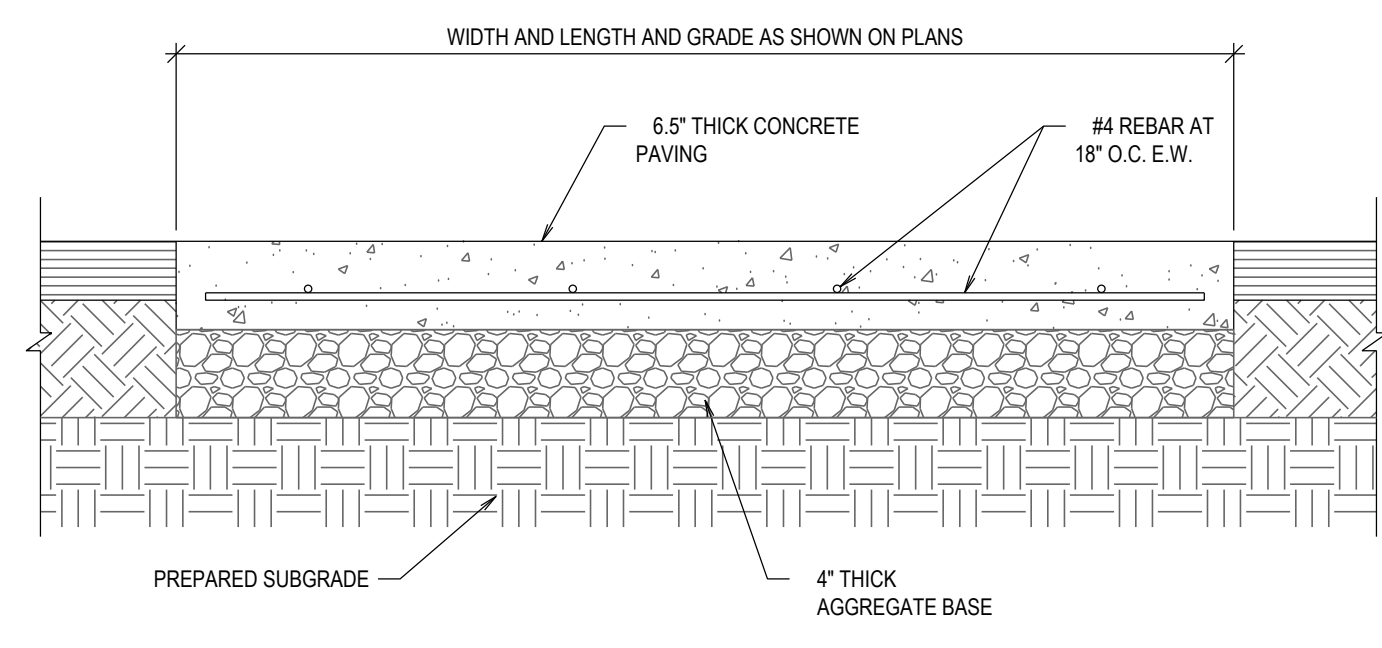
**D 3' WATERWAY**  
SCALE: N.T.S.



- CONCRETE WALL NOTES:**
1. COMPLY WITH CURRENT UNIFORM BUILDING CODES AND STANDARDS.
  2. PLACE FOOTING ON UNDISTURBED SOILS OR FILL COMPACTED TO 96% MAXIMUM DRY DENSITY (ASTM D698).
  3. MAXIMUM WALL HEIGHT SHALL BE 4' 0" AT ANY LOCATION AS MEASURED FROM BOTTOM OF FOOTING.
  4. BACKFILL SOILS SHOULD BE PLACED IN LOOSE LIFTS NOT EXCEEDING A THICKNESS OF 12 INCHES, MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM, AND COMPACTED TO A MINIMUM 90% OF THE MAXIMUM DRY DENSITY.

- REINFORCING STEEL NOTES:**
1. REINFORCING STEEL SHALL BE 60 GRADE.
  2. STAGGER HORIZONTAL BAR LAP SPLICE LOCATIONS.
  3. TERMINATE ALL REINFORCING STEEL WITH STANDARD HOOKS.
  4. ALTERNATE STANDARD HOOKS IN FOOTINGS.
  5. LAP SPLICE 48 BAR DIAMETERS IN WALLS.
  6. SECURE ALL REINFORCING STEEL FROM DISPLACEMENT PRIOR TO CONCRETE PLACEMENT.

**E CONCRETE LANDSCAPING WALL DETAIL**  
SCALE: N.T.S.



**F DUMPSTER PAD SECTION**  
SCALE: N.T.S.

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PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
10/27/22  
No. 362118  
Bradley S. Gilson  
SANTAQUIN, UTAH

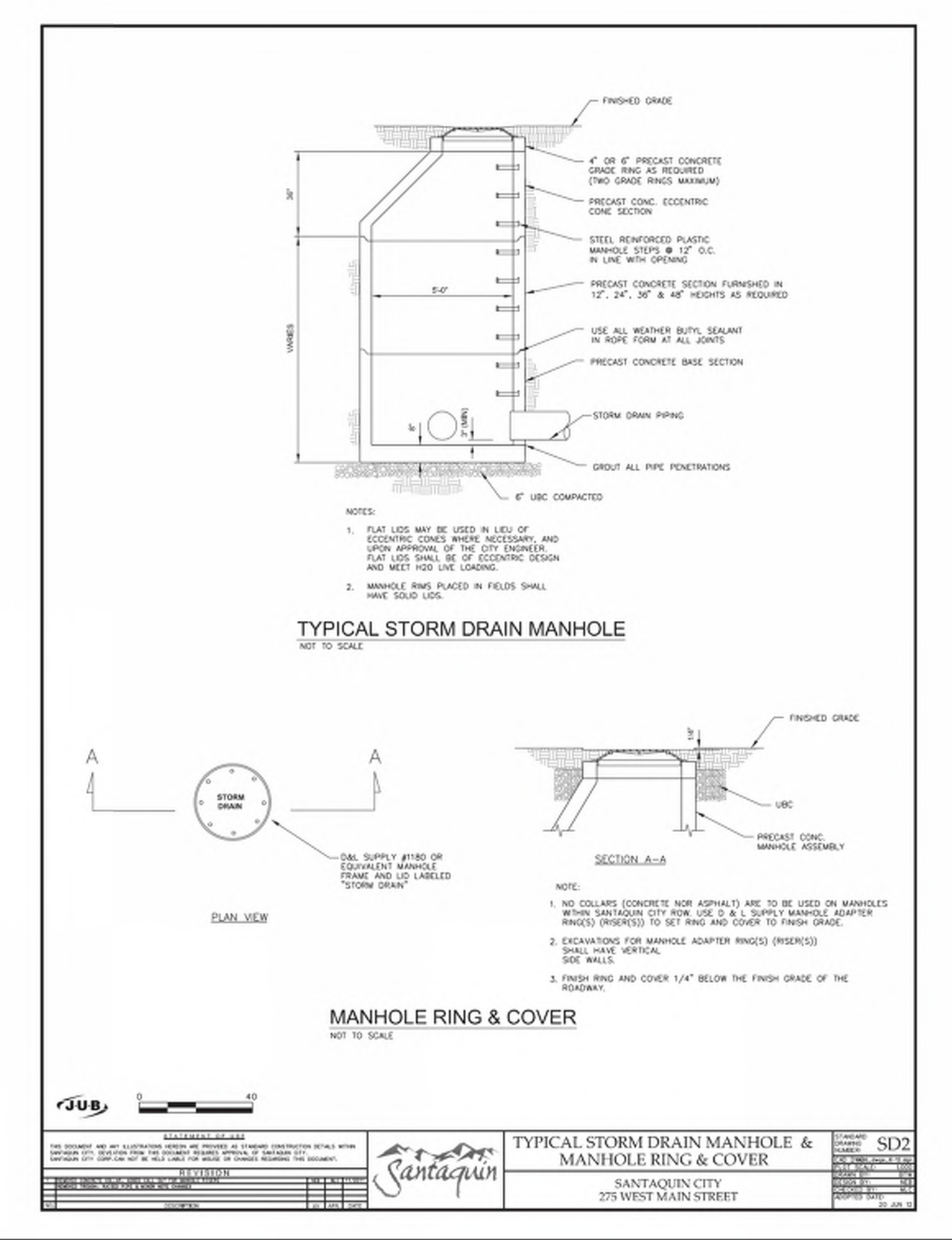
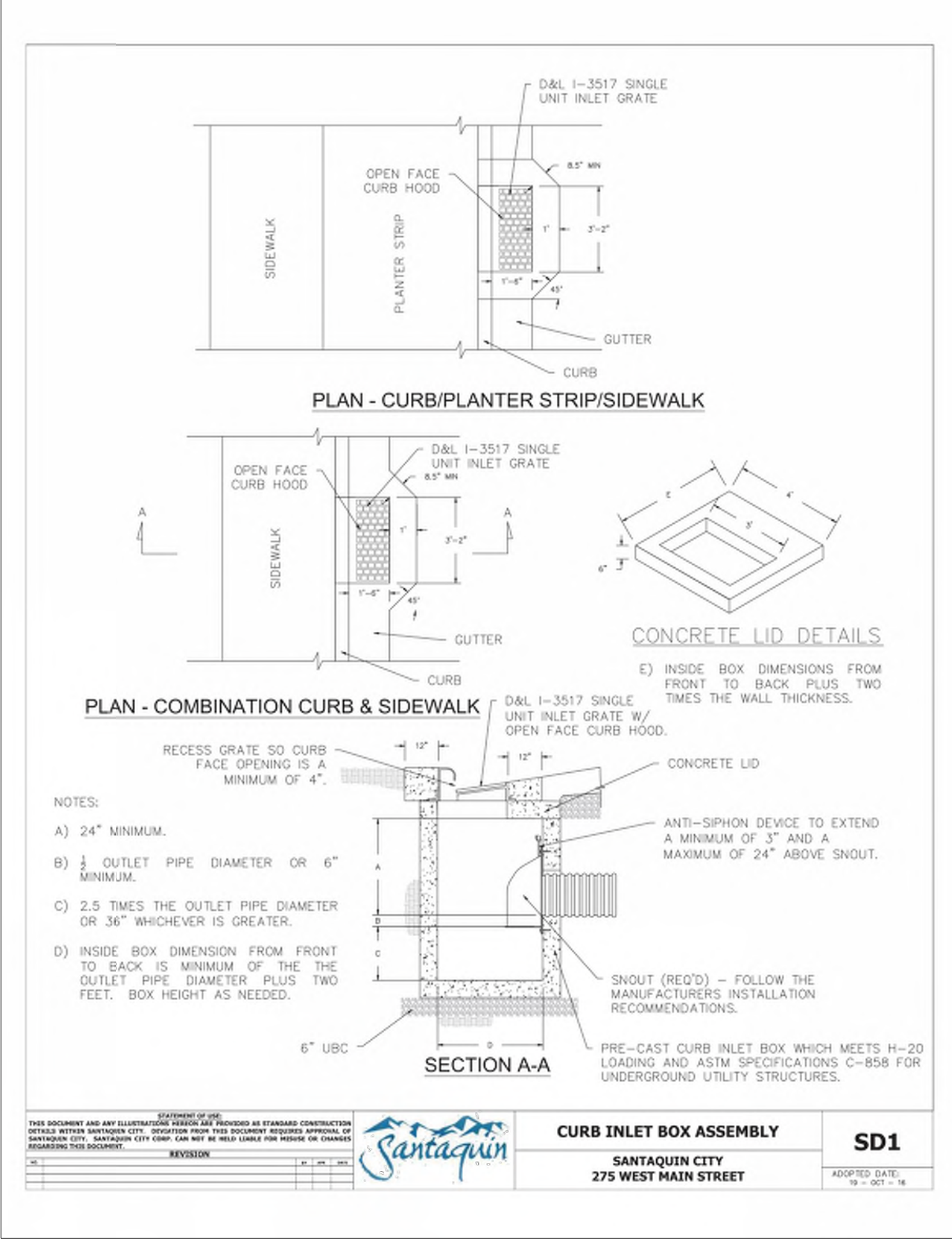
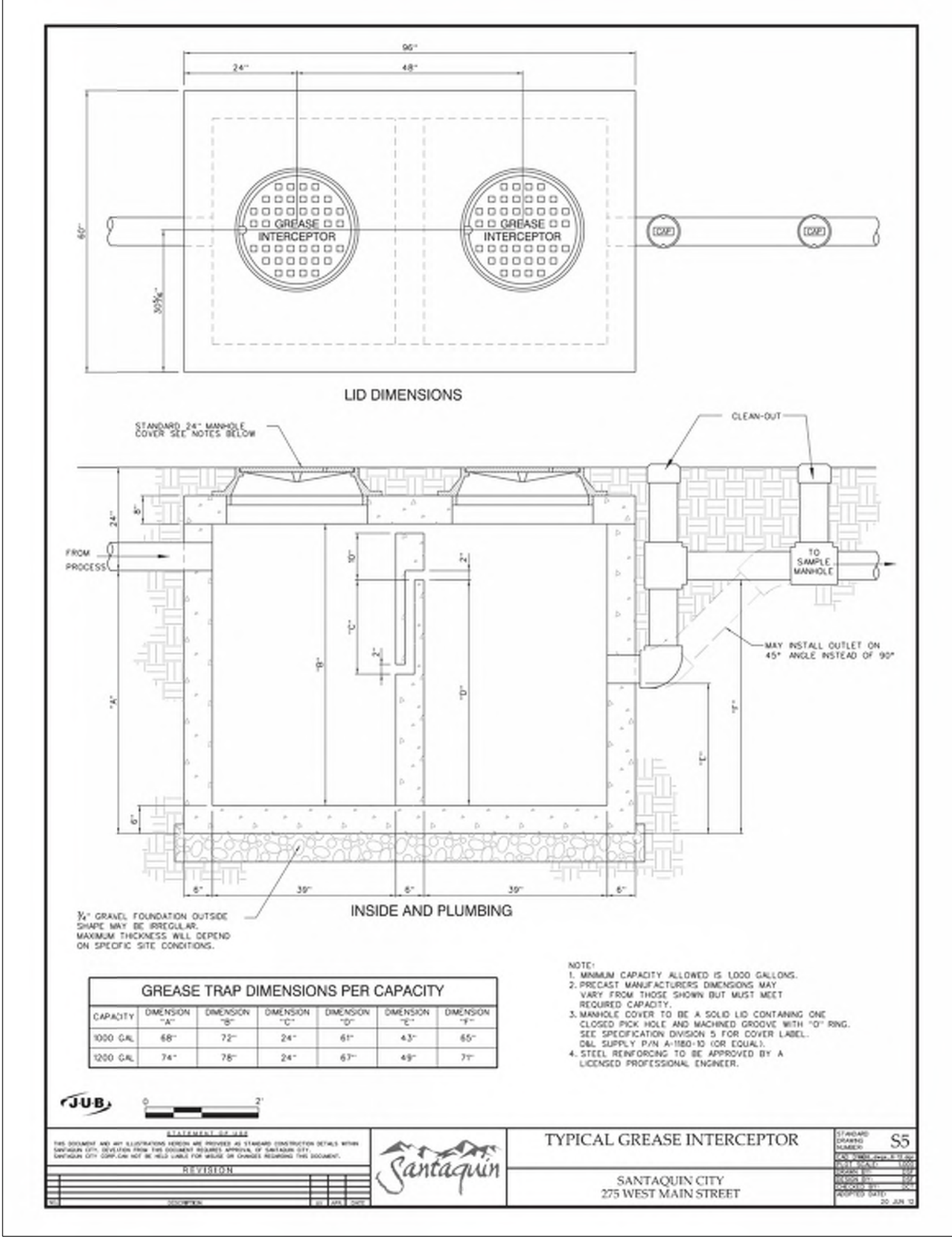
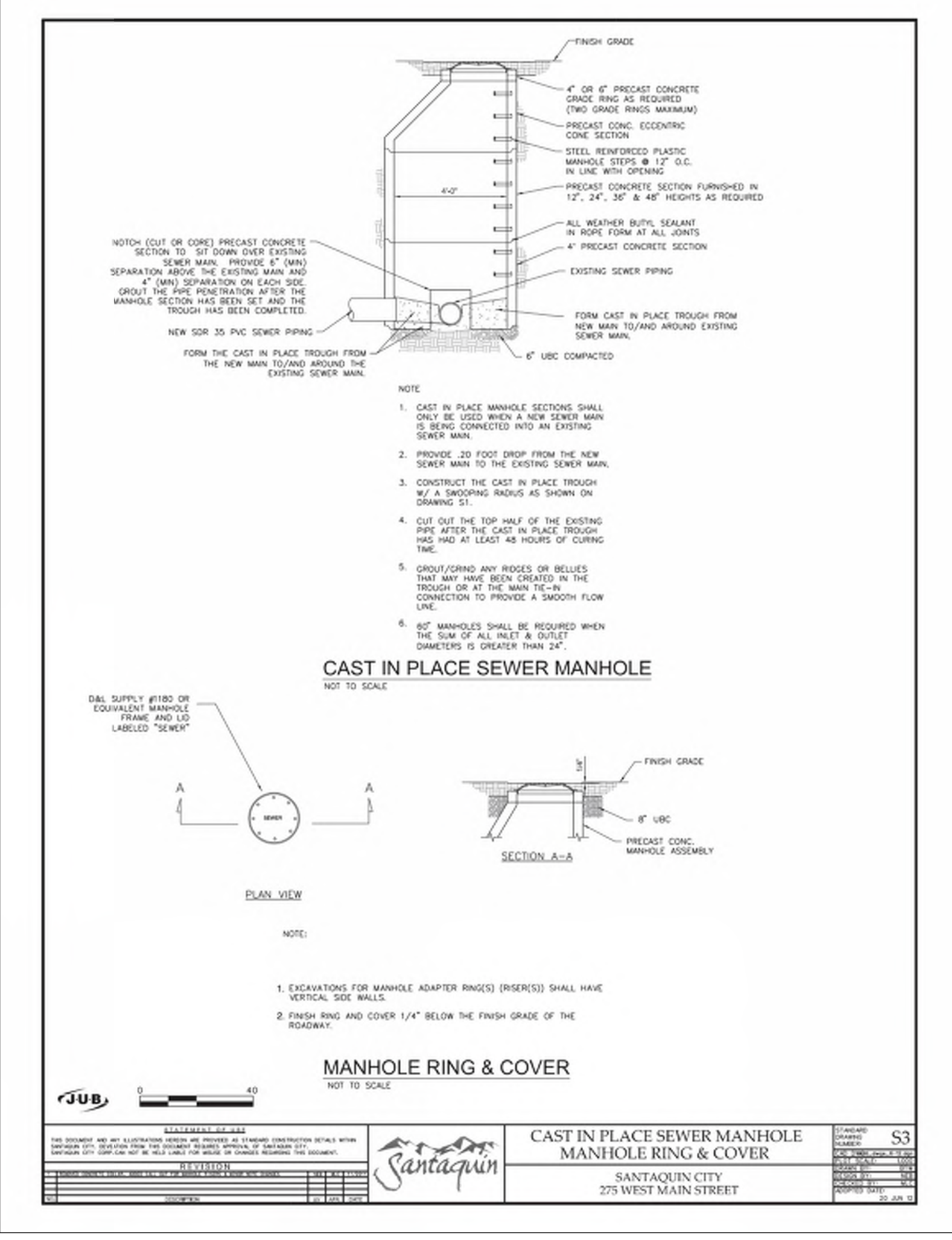
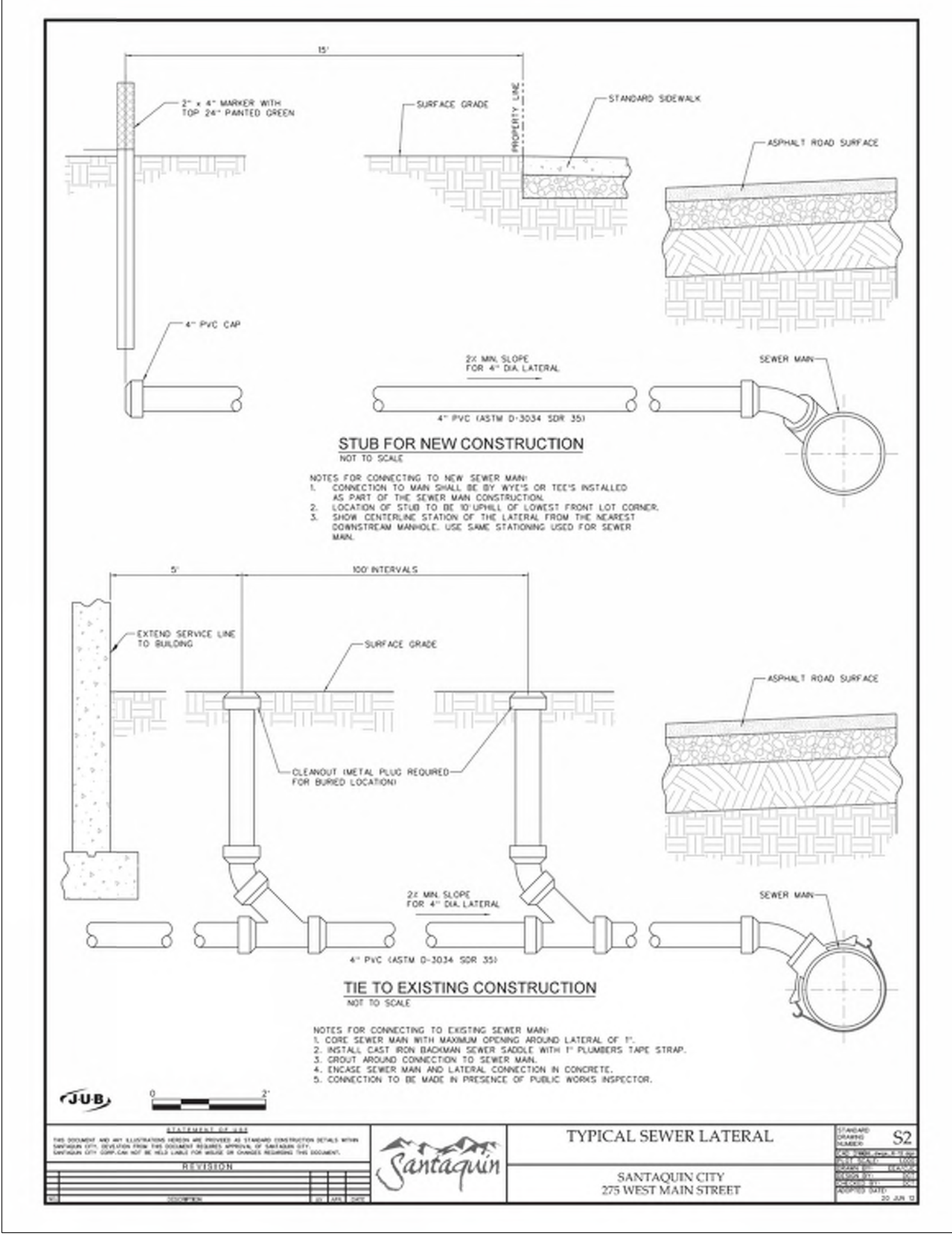
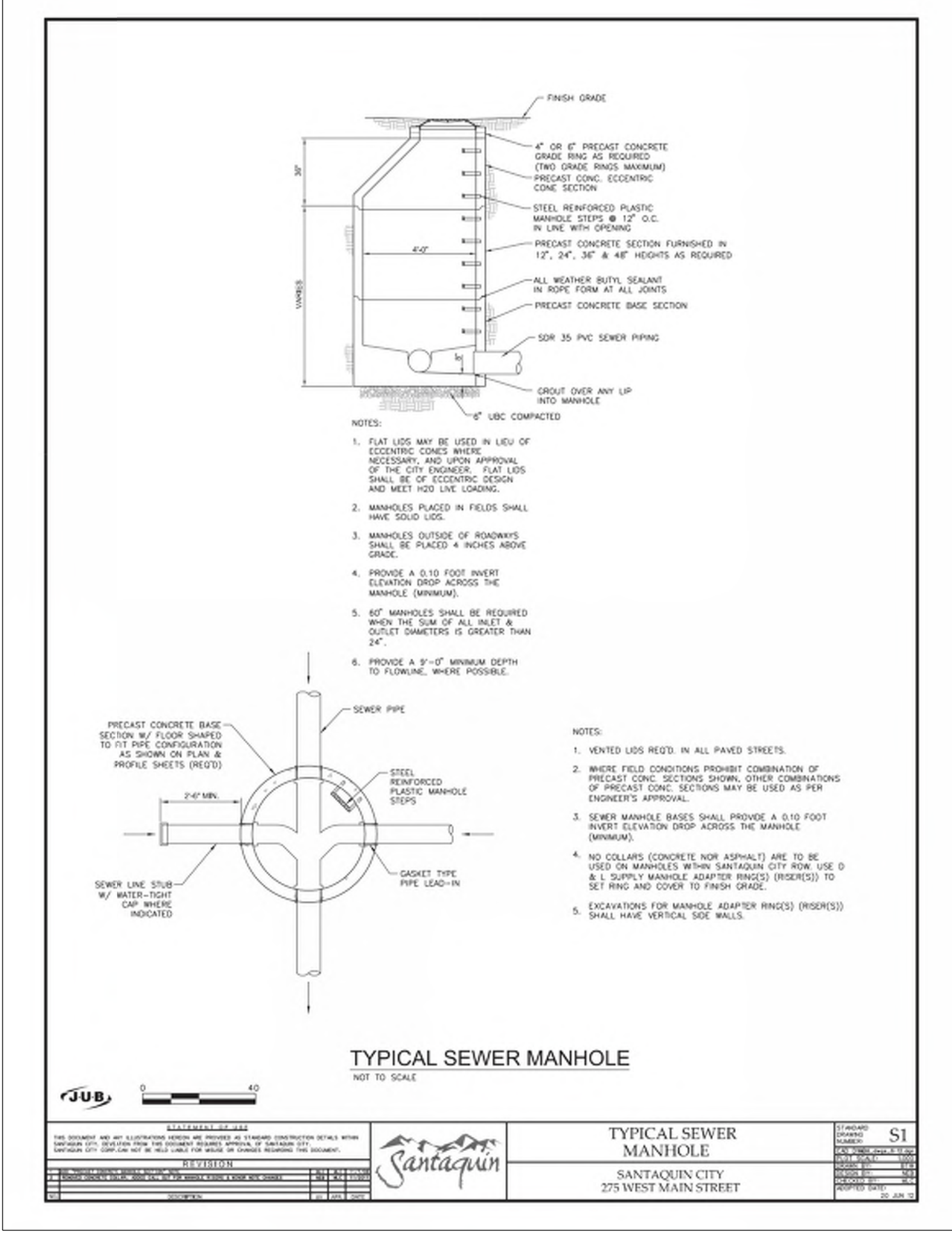
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A	10/27/22	JAG	ISSUE FOR PERMIT

DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET			

**DETAILS**  
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985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ. # **NCC.010**  
**C.501**





**TILSON ENGINEERING**  
Consulting Engineers & Surveyors  
12401 SOUTH 480 EAST BUILDING C UNIT 42, DRAPER, UT 84020  
PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
LICENSED IN THE STATE OF UTAH  
10/27/22  
No. 362118  
Bradley S. Gilson

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DESIGNED/DRAWN BY: JAG  
CHECKED: JAG  
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SCALE: MEASURES 1" ON FULL SIZE SHEET  
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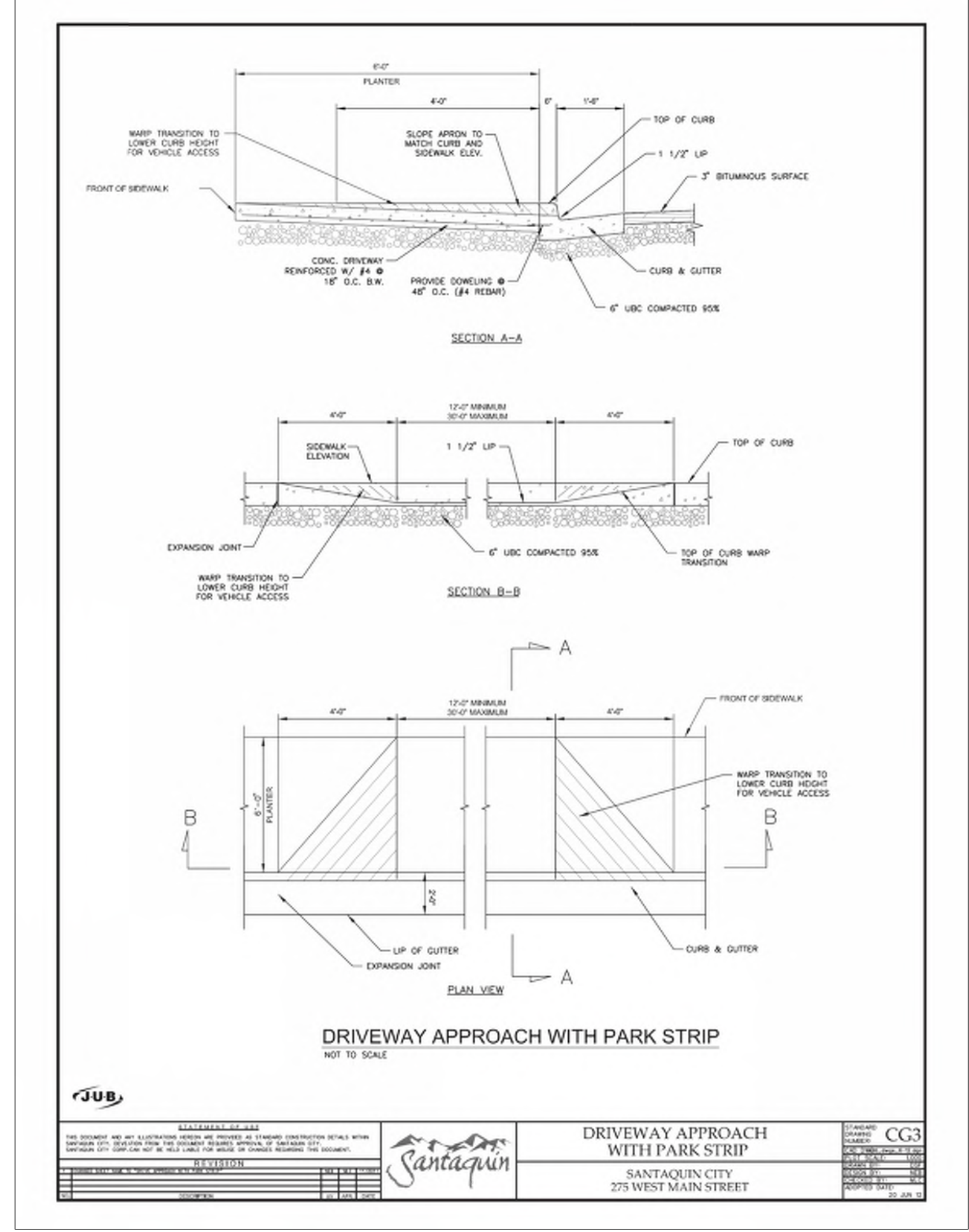
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SANTAQUIN, UTAH

REVISION: **A**

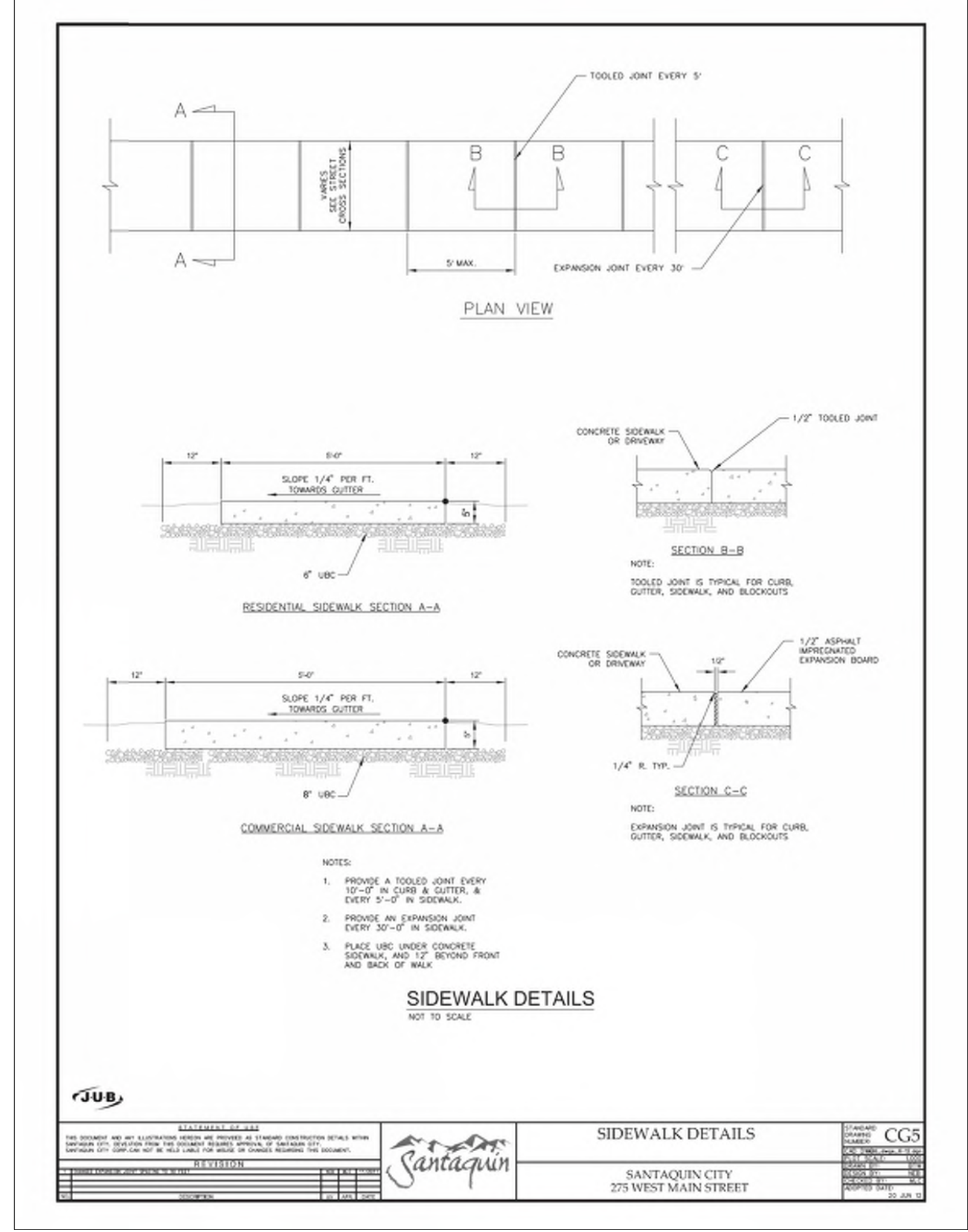
PROJ. **NCC.010**

**C.502**

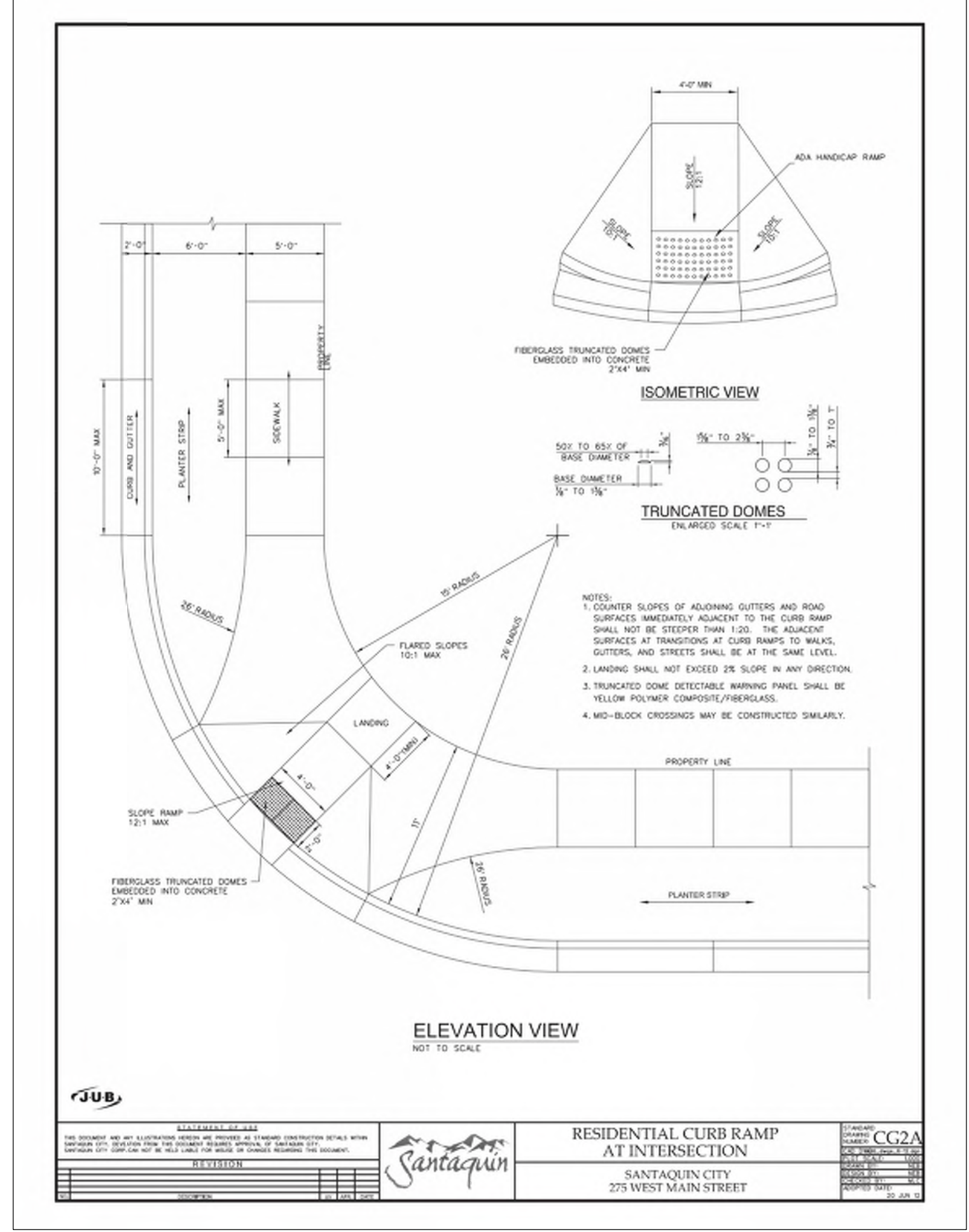




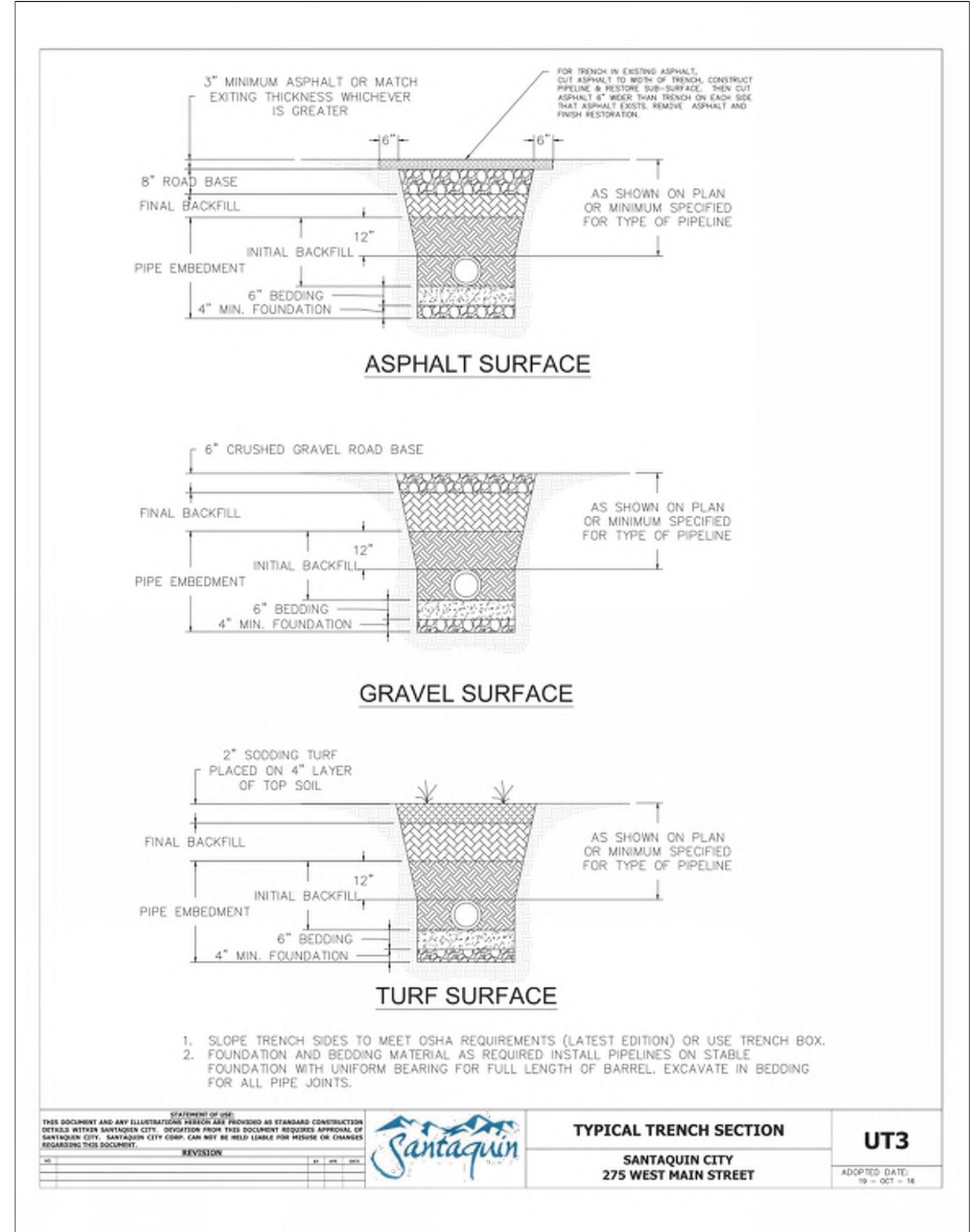
<p><b>DRIVEWAY APPROACH WITH PARK STRIP</b> SANTAQUIN CITY 275 WEST MAIN STREET</p>	<p><b>CG3</b></p>
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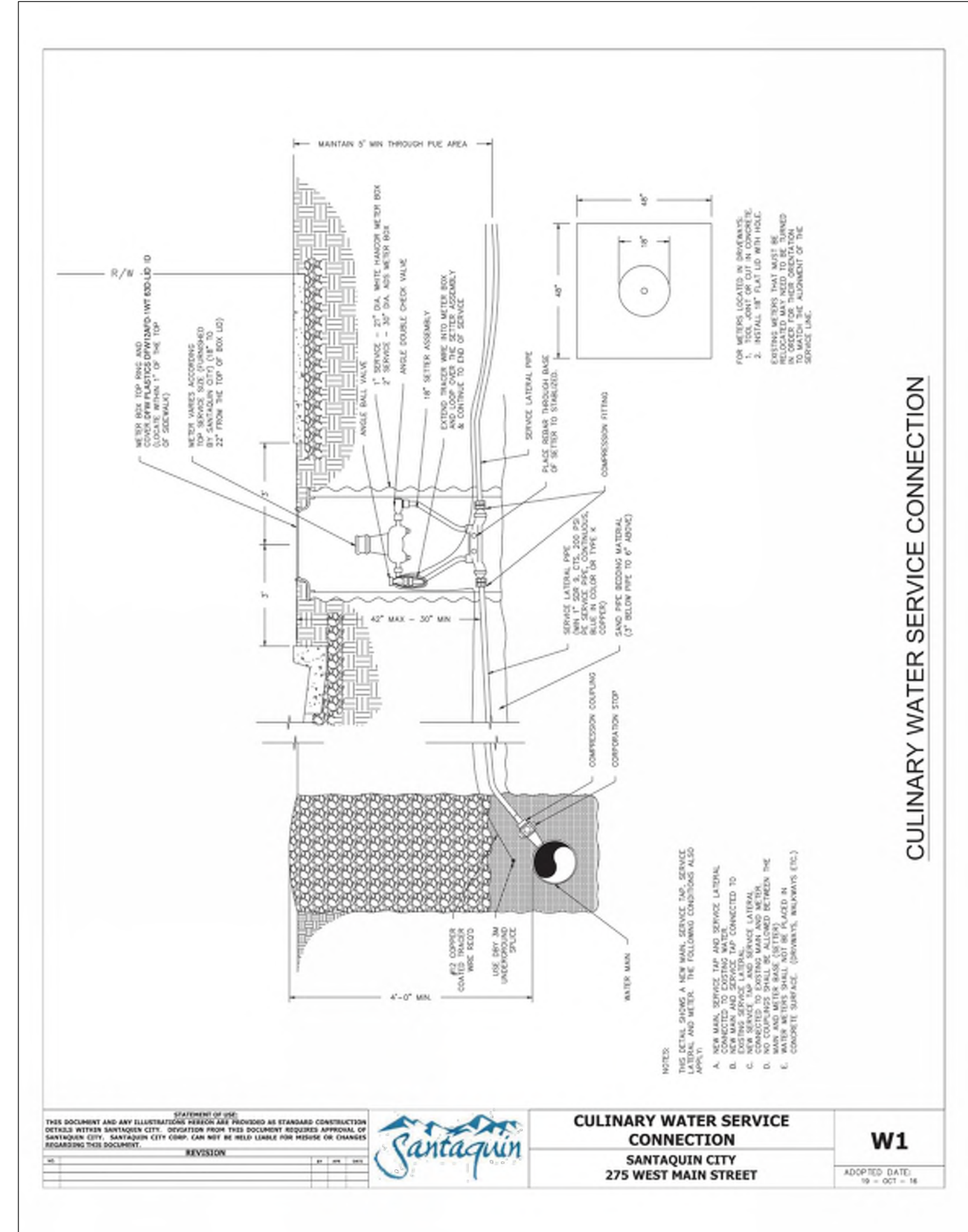
<p><b>SIDEWALK DETAILS</b> SANTAQUIN CITY 275 WEST MAIN STREET</p>	<p><b>CG5</b></p>
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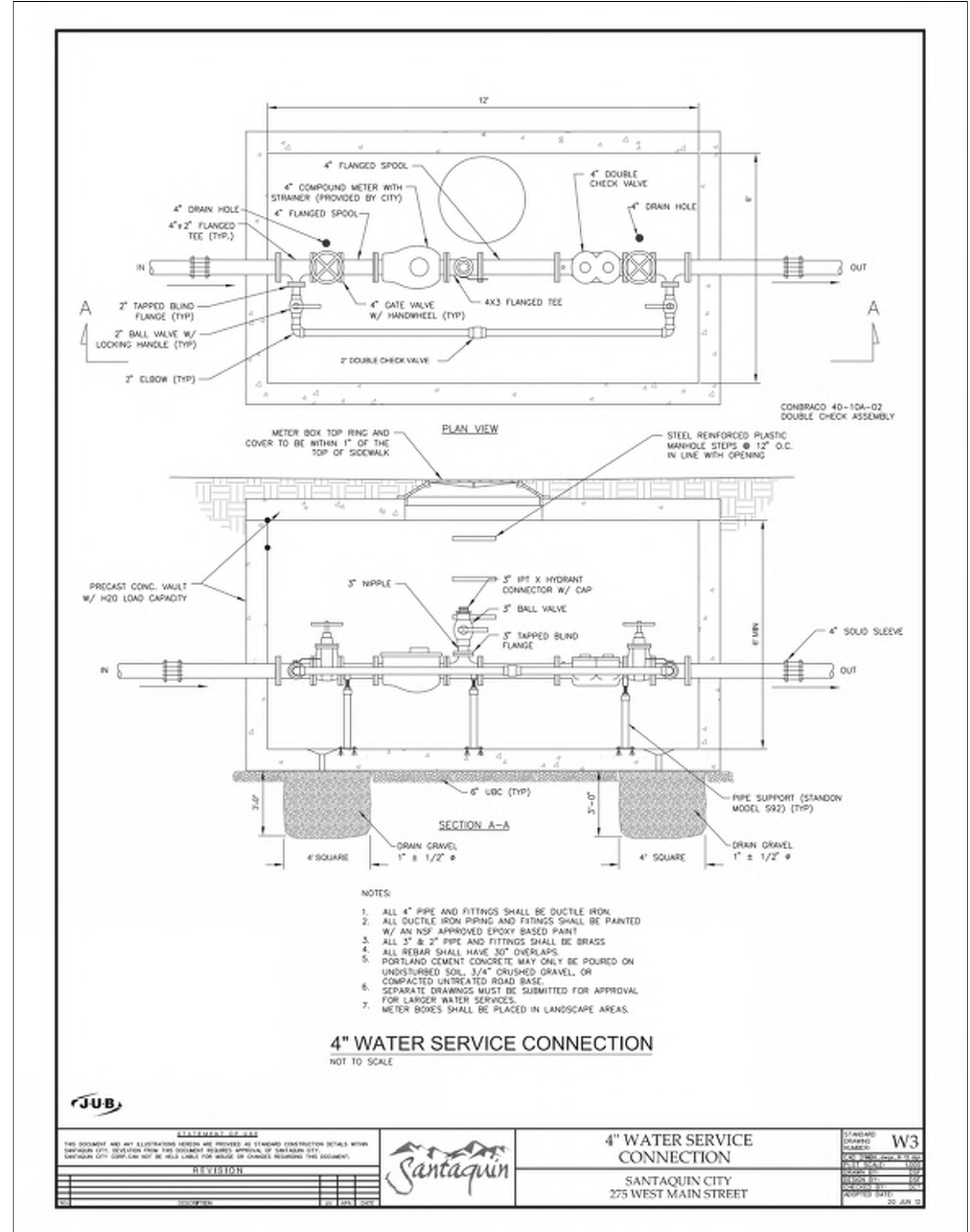
<p><b>RESIDENTIAL CURB RAMP AT INTERSECTION</b> SANTAQUIN CITY 275 WEST MAIN STREET</p>	<p><b>CG2A</b></p>
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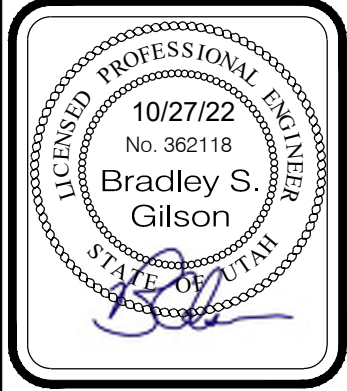
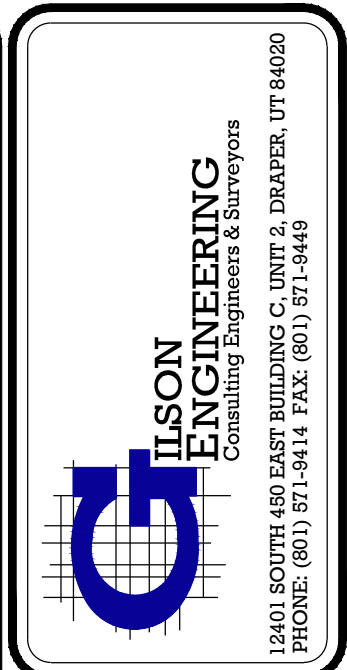
<p><b>TYPICAL TRENCH SECTION</b> SANTAQUIN CITY 275 WEST MAIN STREET</p>	<p><b>UT3</b></p>
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<p><b>CULINARY WATER SERVICE CONNECTION</b> SANTAQUIN CITY 275 WEST MAIN STREET</p>	<p><b>W1</b></p>
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<p><b>4\"/&gt; </b></p>	<p><b>W3</b></p>
-------------------------	------------------



<p>REVISIONS</p>
------------------

<p>DATE: OCTOBER 22</p>	<p>BY: JAG</p>
<p>DESIGNED/DRAWN BY: JAG</p>	<p>CHECKED: JAG</p>
<p>PROJECT NAME: MURDOCK FORD SANTAQUIN</p>	<p>SCALE: 1\"/&gt; </p>

**DETAILS**

MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**

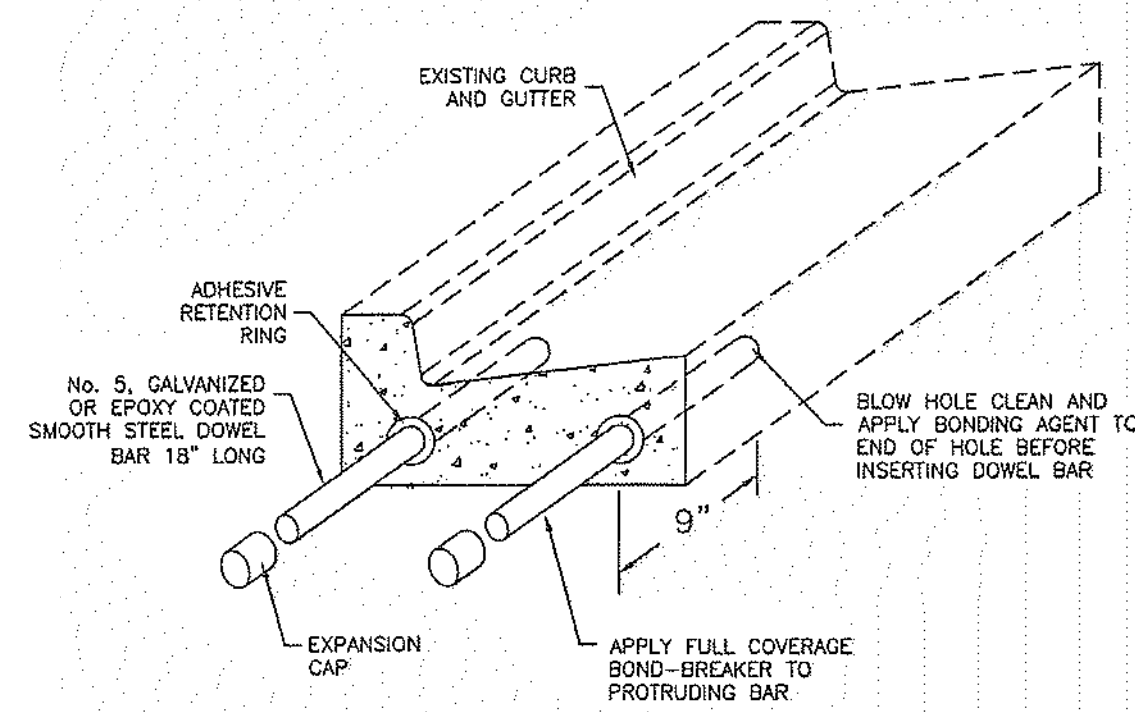
PROJ. **NCC.010**

**C.503**



**Curb and gutter connection**

1. **GENERAL**
  - A. Connect new curb and gutter to existing curb and gutter that has not been placed by CONTRACTOR.
2. **PRODUCTS**
  - A. Reinforcement: Galvanized or epoxy coated, 60 ksi yield grade steel, ASTM A615.
  - B. Adhesive: Epoxy adhesive grout, APWA Section 03 61 00.
  - C. Bond Breaker: Paraffin wax, lithium grease, or other semi-solid, inert lubricant.
  - D. Expansion Cap: Plastic, with bar movement allowance of 1/2-inch.
3. **EXECUTION**
  - A. Ensure drill rigs (or jigs) are set at mid-depth of the gutter and horizontal to the surface. Make hole size large enough to account for dowel bar and adhesive.
  - B. Clean holes and dowel bars of dirt, dust and particles. Ensure coating on bars have no surface defects.
  - C. Place bonding agent in the back of each hole so adhesive flows out around each bar fully encasing it. DO NOT apply adhesive to end of the bar and then insert the bar into the hole.
  - D. Insert dowels with at least one full turning motion and if necessary, place a gROUT retention disk on the dowel after insertion to contain adhesive.
  - E. Apply complete coverage of bond-breaker on the protruding end of each dowel.
  - F. Install expansion caps on protruding dowel bar ends.

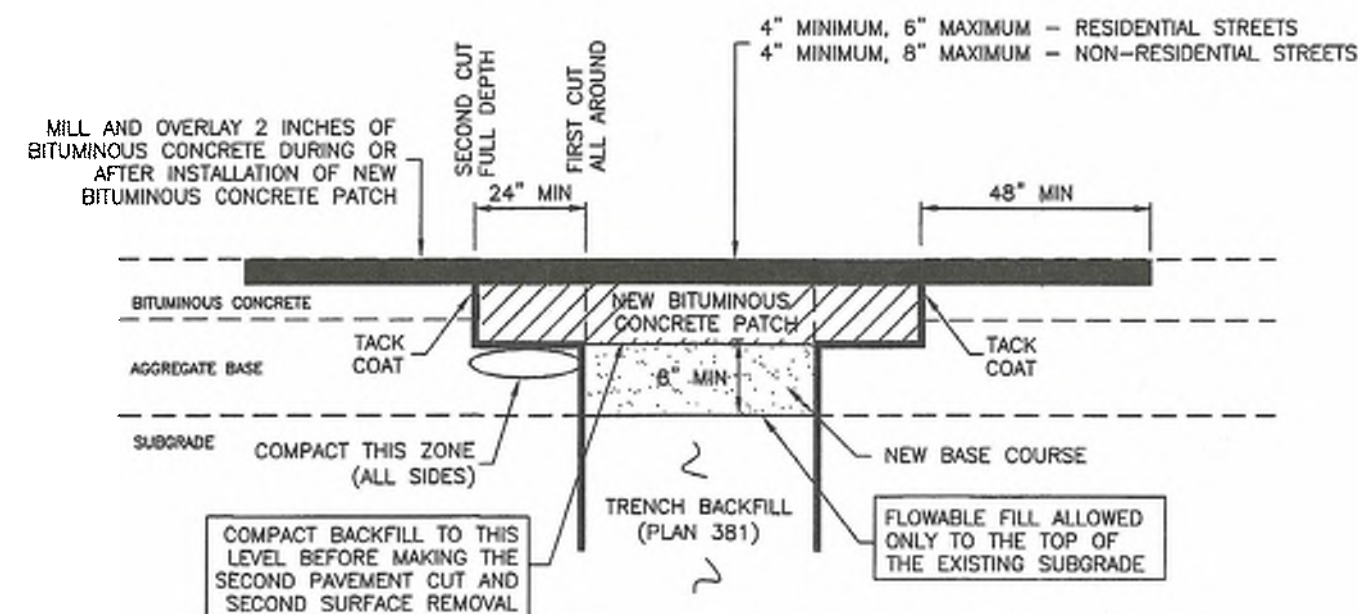


**Curb and gutter connection**

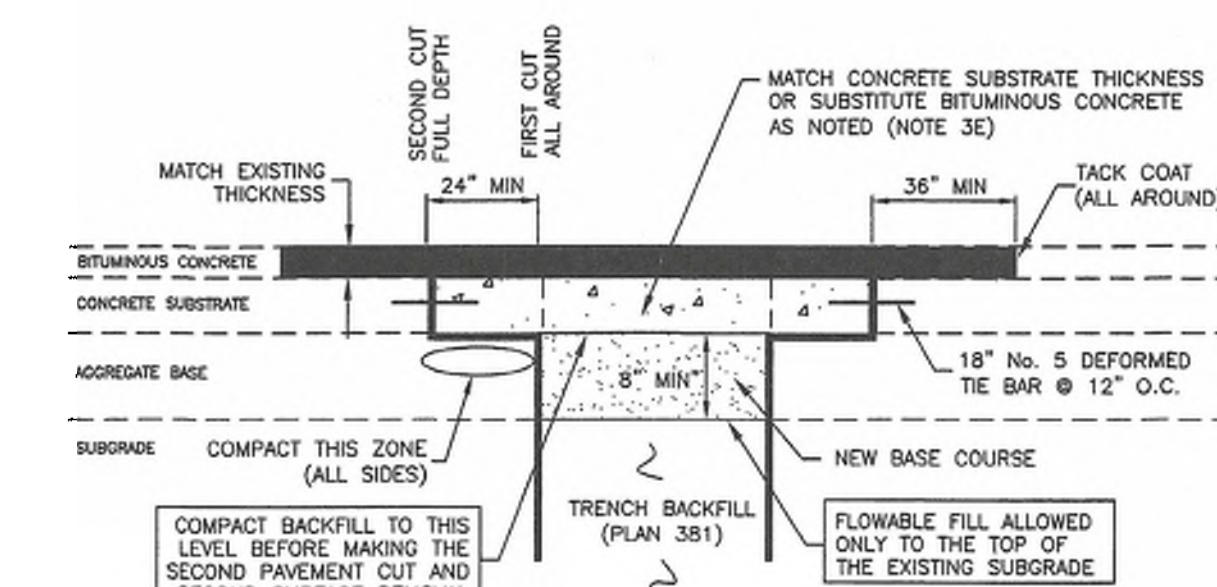
Plan 206  
June 2009

**Bituminous pavement T-patch**

1. **GENERAL**
  - A. Vertical cuts in bituminous pavement may be done by saw or pavement zipping. If cuts greater than 6 inches are necessary to prevent pavement "break off" consult ENGINEER for directions on handling additional costs.
  - B. Repair a T-patch restoration if any of the following conditions occur prior to final payment or at the end of the one year correction period.
    - 1) Pavement surface distortion exceeds 1/4-inch deviation in 10 feet. Repair option - plane off surface distortions. coat plane surface with a cationic or anionic mulsion that complies with APWA Section 32 12 03.
    - 2) Separation appears at a connection to an existing pavement or any Street Fixture. Repair option - blow separation clean and apply joint sealant, Plan 265.
    - 3) Cracks at least 1-foot long and 1/4-inch wide occur more often than 1 in 10 square feet. Repair option - blow clean and apply crack seal, Plan 265.
    - 4) Pavement raveling is greater than 1 square foot per 100 square feet. Repair option - Mill and inlay, APWA Sections 32 01 16.71 and 32 12 05.
2. **PRODUCTS**
  - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - B. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
  - C. Reinforcement: No. 5, galvanized or epoxy coated, deformed, 60 ksi yield grade steel, ASTM A615.
  - D. Concrete: Class 4000, APWA Section 03 30 04.
  - E. Tack Coat: APWA Section 32 12 13.13.
  - F. Bituminous Concrete: APWA Section 32 12 05.
    - 1) Warm Weather Patch: PG64-22-DM-1/2, unless indicated otherwise.
    - 2) Cold Weather Patch: Modified MC-250-FM-1 as indicated in APWA Section 33 05 25.
3. **EXECUTION**
  - A. Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - B. Flowable Fill: Cure to initial set before placing aggregate base or bituminous pavement. Use in excavations that are too narrow to receive compaction equipment.
  - C. Tack Coat: Clean all horizontal and vertical surfaces. Apply full coverage all surfaces.
  - D. Pavement Placement: Follow APWA Section 32 12 16.13. Unless indicated otherwise, lift thickness is 3-inches minimum after compaction. Compact to 94 percent of ASTM D2041 (Rice density) plus or minus 2 percent.
  - E. Bituminous Concrete Substitution: If bituminous concrete is substituted for Portland cement concrete substrate, omit rebar and provide 1.25 inches of bituminous concrete for each 1 inch of Portland cement concrete. Follow paragraph E requirements.
  - F. Reinforcement: Required if thickness of existing Portland-cement concrete substrate is 6-inches or greater. Not required if 1) less than 6-inches thick, 2) if existing concrete is deteriorating, 3) if excavation is less than 3 feet square, or 4) if bituminous pavement is substituted for Portland-cement concrete substrate.
  - G. Concrete Substrate: Cure to initial set before placing new bituminous concrete patch.



**BITUMINOUS CONCRETE RESTORATION**



**COMPOSITE RESTORATION**

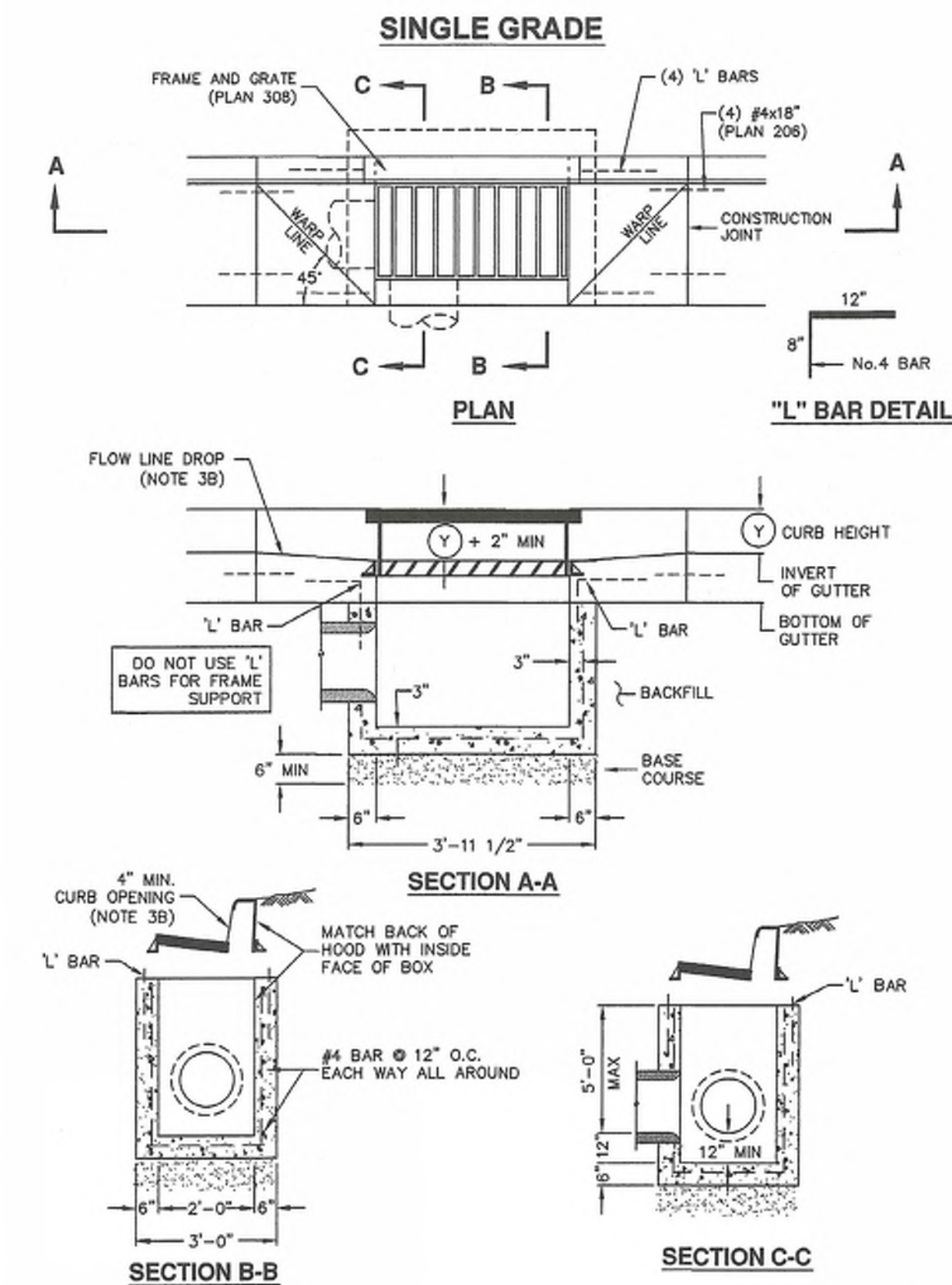


**Bituminous pavement T-patch**

Plan 255  
November 2015

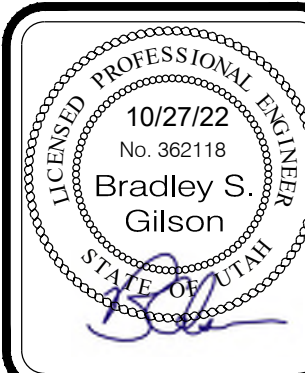
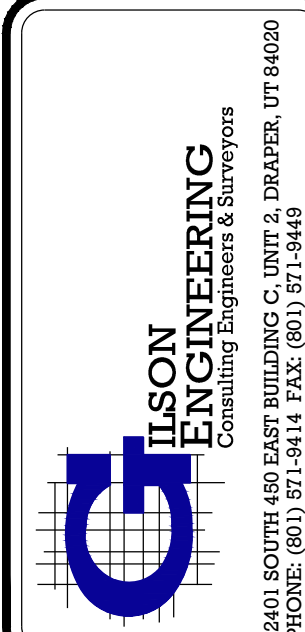
**Catch basin**

1. **GENERAL**
  - A. The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the box.
2. **PRODUCTS**
  - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - C. Concrete: Class 4000, APWA Section 03 30 04.
  - D. Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A615.
3. **EXECUTION**
  - A. Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - B. Curb Face Opening: Make opening at least 4-inches high. Provide at least a 2-inch drop between the "warp line" in the gutter flow-line and the top of the grate at the curb face opening.
  - C. Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - D. Backfill: Place backfill against the basin wall. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.



**Catch basin**

Plan 315.1  
September 2010



REV	DATE	BY	COMMENTS
A	10/27/22	JAG	10/27/22

DESIGNED/DRAWN BY: JAG  
CHECKED: JAG  
APPROVED: JAG

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEET

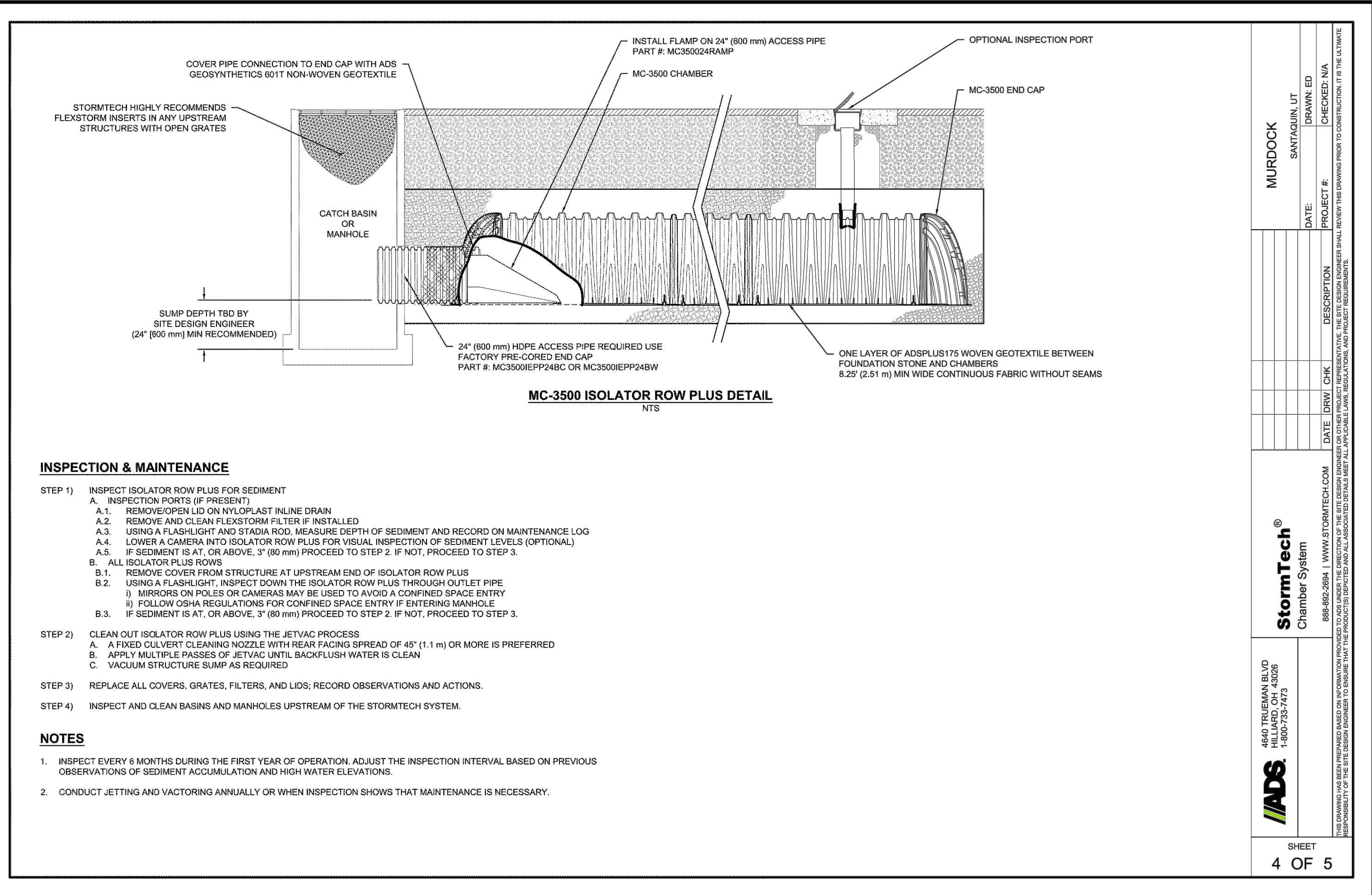
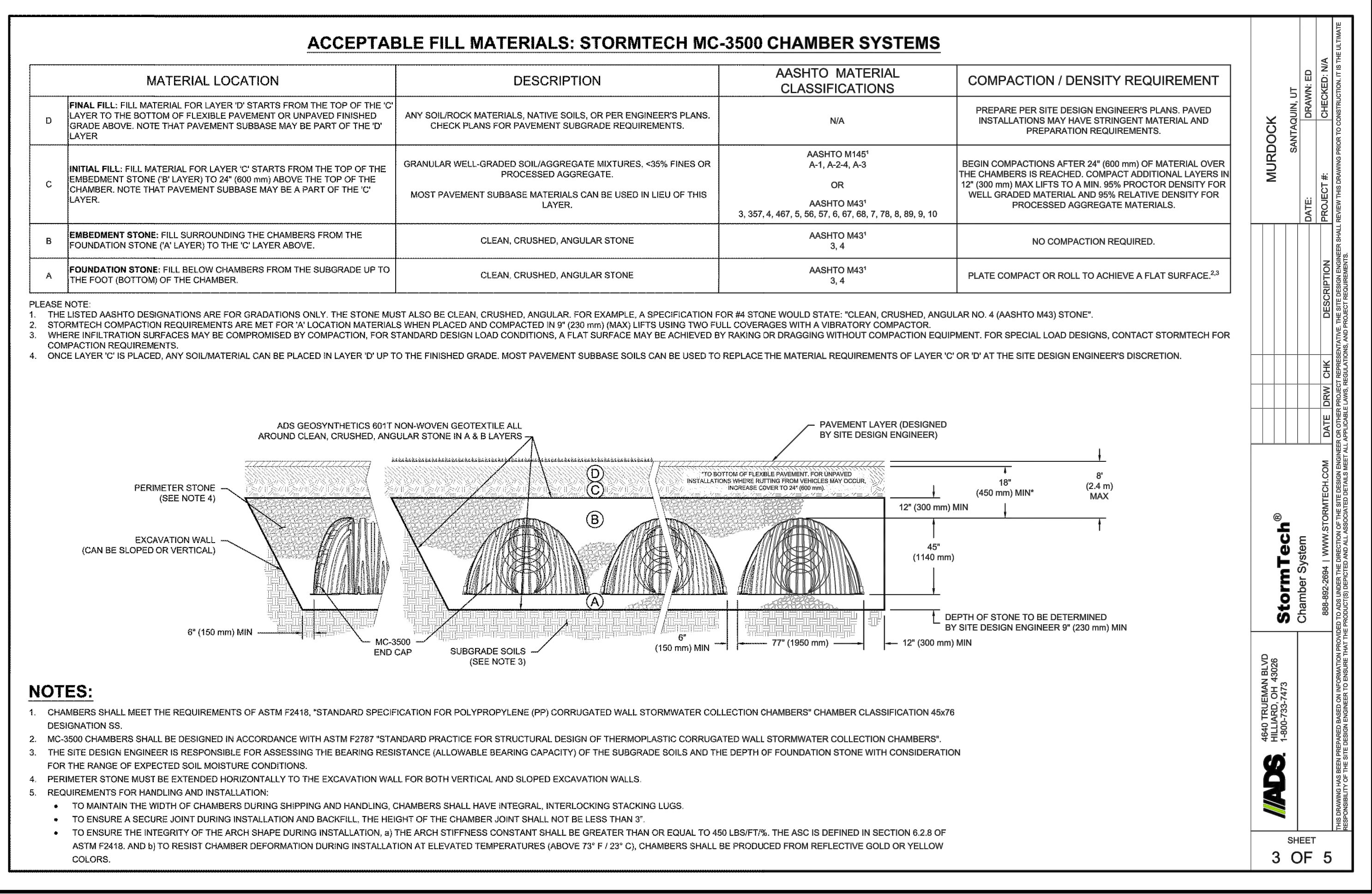
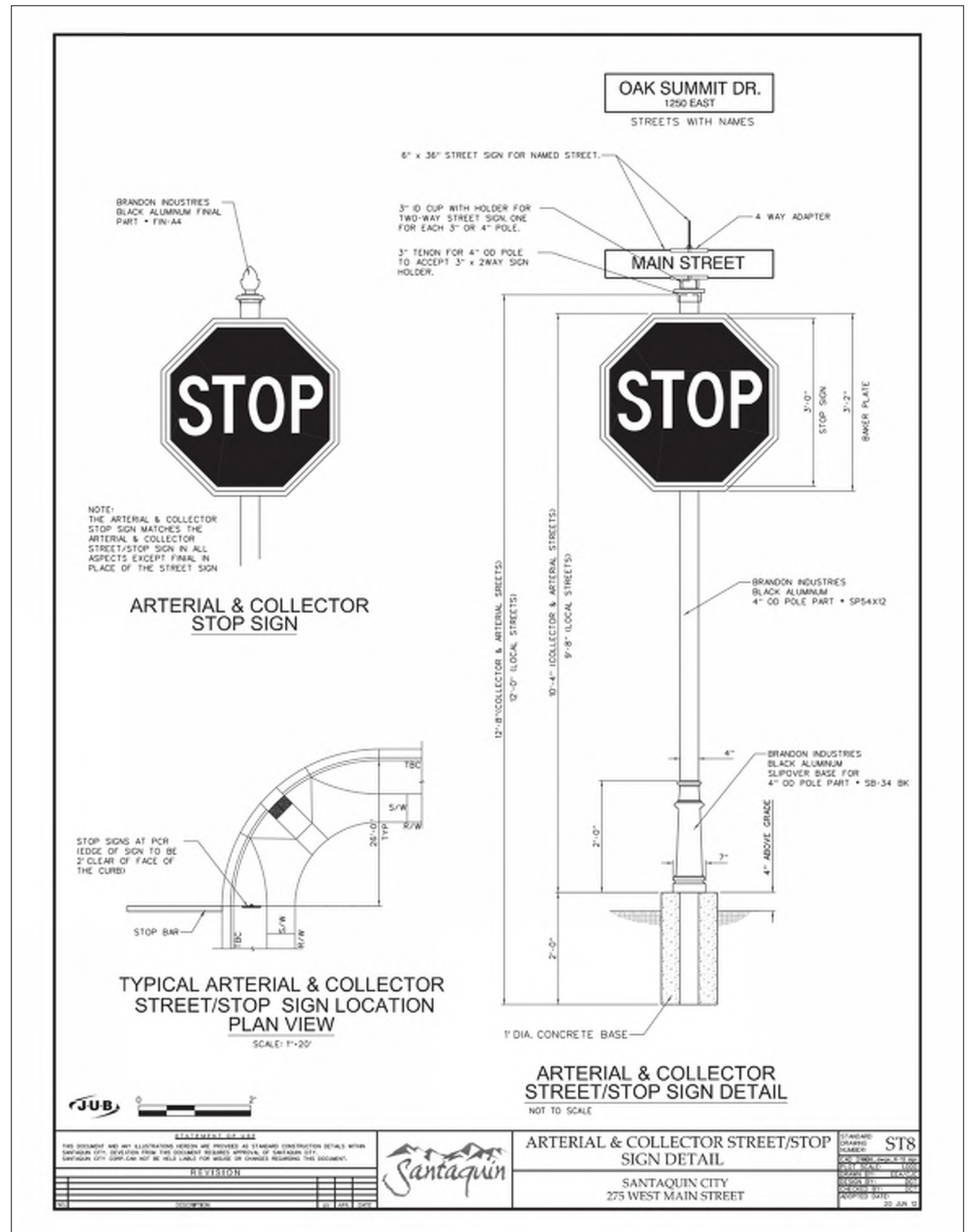
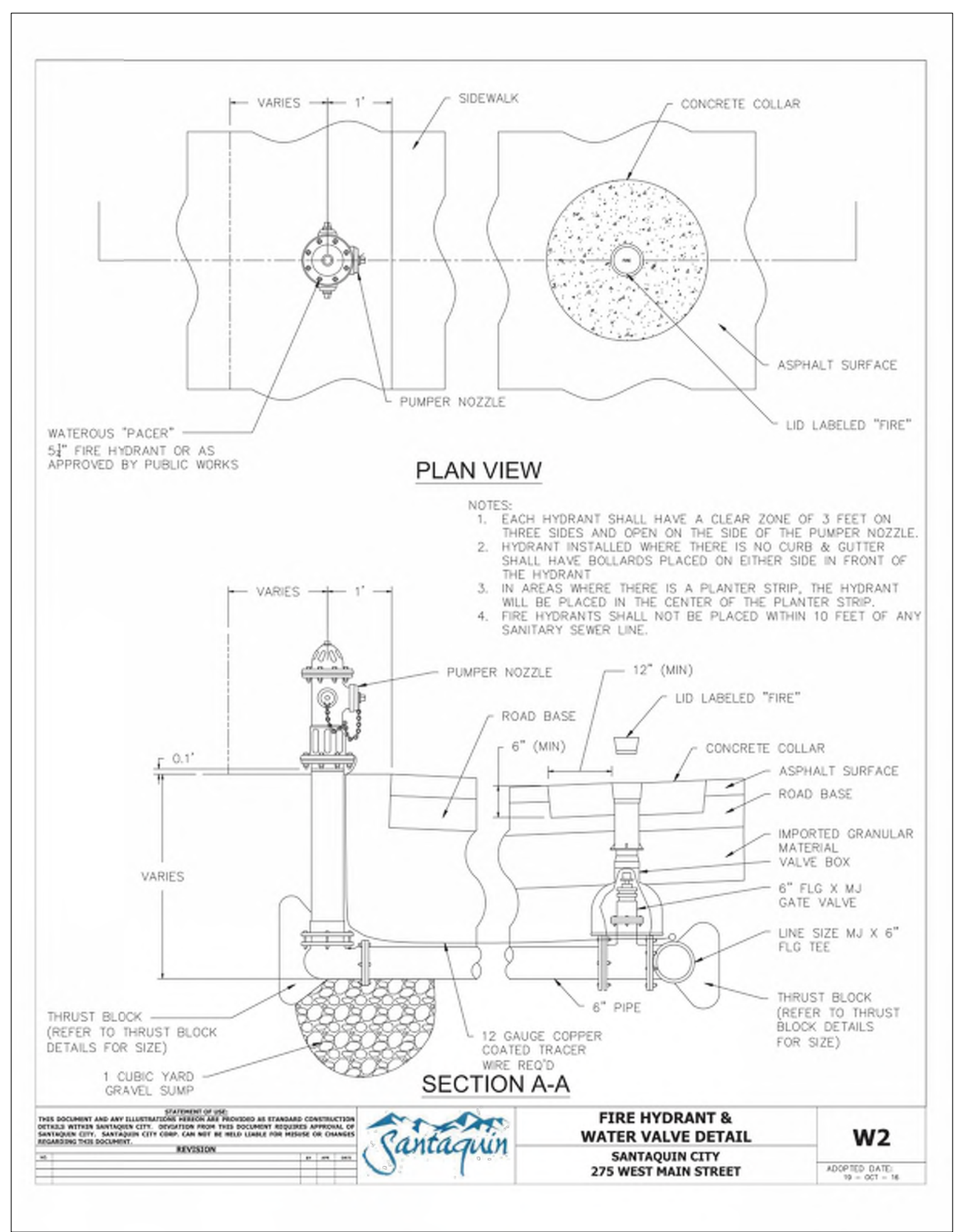
**DETAILS**

MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: A  
PROJ. NCC.010

**C.504**





**MURDOCK**  
SANTAQUIN, UT  
DRAWN BY: [blank]  
DATE: [blank]  
SCALE: [blank]  
DESCRIPTION: [blank]  
PROJECT #:

**StormTech®**  
Chamber System  
888-865-2664 | WWW.STORMTECH.COM

**IADS**  
4640 TREHMAN BLVD  
SANTAQUIN, UT 84086  
1-800-752-7473

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SHEET  
3 OF 5

**MURDOCK**  
SANTAQUIN, UT  
DRAWN BY: [blank]  
DATE: [blank]  
SCALE: [blank]  
DESCRIPTION: [blank]  
PROJECT #:

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SHEET  
4 OF 5

**TILSON**  
ENGINEERING  
Consulting Engineers & Surveyors  
12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAAPER, UT 84020  
PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
LICENSED IN THE STATE OF UTAH  
No. 362118  
Bradley S Gilson

REVISIONS

REV	DATE	BY	COMMENTS
A	10/27/22	JAG	ISSUE FOR PERMITS

DESIGNED/DRAWN BY: JAG  
CHECKED: [blank]  
APPROVED: [blank]

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEET

DATE: OCTOBER 22  
DRAWING NAME: [blank]  
DRAWING NUMBER: [blank]  
SCALE: [blank]

**DETAILS**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**

PROJ. # **NCC.010**

**C.505**



### UNDERDRAIN DETAIL

STORMTECH CHAMBERS, STORMTECH END CAP, OUTLET MANIFOLD, FOUNDATION STONE BENEATH CHAMBERS, ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE, DUAL WALL PERFORATED HDPE UNDERDRAIN.

SECTION A-A, SECTION B-B

NUMBER AND SIZE OF UNDERDRAINS PER SITE DESIGN ENGINEER  
 4" (100 mm) TYP FOR SC-310 & SC-160/P SYSTEMS  
 6" (150 mm) TYP FOR SC-740, DC-780, MC-3500, MC-4500 & MC-7200 SYSTEMS

### MC-3500 TECHNICAL SPECIFICATION

VALLEY STIFFENING RIB, CREST STIFFENING RIB, WEB, LOWER JOINT CORRUGATION, FOOT, UPPER JOINT CORRUGATION, BUILD ROW IN THIS DIRECTION.

86.0" (2184 mm) INSTALLED, 90.0" (2286 mm) ACTUAL LENGTH, 22.2" (564 mm) INSTALLED, 25.7" (653 mm).

**NOMINAL CHAMBER SPECIFICATIONS**  
 SIZE (W X H X INSTALLED LENGTH) 77.0" X 45.0" X 96.0" (1956 mm X 1143 mm X 2184 mm)  
 CHAMBER STORAGE 109.9 CUBIC FEET (3.11 m³)  
 MINIMUM INSTALLED STORAGE\* 175.0 CUBIC FEET (4.96 m³)  
 WEIGHT 134 lbs. (60.8 kg)

**NOMINAL END CAP SPECIFICATIONS**  
 SIZE (W X H X INSTALLED LENGTH) 75.0" X 45.0" X 22.2" (1905 mm X 1143 mm X 564 mm)  
 END CAP STORAGE 14.9 CUBIC FEET (0.42 m³)  
 MINIMUM INSTALLED STORAGE\* 45.1 CUBIC FEET (1.28 m³)  
 WEIGHT 49 lbs. (22.2 kg)

\*ASSUMES 12" (305 mm) STONE ABOVE, 6" (152 mm) STONE FOUNDATION, 6" SPACING BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"  
 STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"  
 END CAPS WITH A WELDED CROWN PLATE END WITH "C"  
 END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC3500IEPP06T	6" (150 mm)	33.21" (844 mm)	---
MC3500IEPP06B	---	---	0.66" (17 mm)
MC3500IEPP08T	8" (200 mm)	31.16" (791 mm)	---
MC3500IEPP08B	---	---	0.81" (21 mm)
MC3500IEPP10T	10" (250 mm)	29.04" (738 mm)	---
MC3500IEPP10B	---	---	0.93" (24 mm)
MC3500IEPP12T	12" (300 mm)	26.36" (670 mm)	---
MC3500IEPP12B	---	---	1.30" (34 mm)
MC3500IEPP15T	15" (375 mm)	23.39" (594 mm)	---
MC3500IEPP15B	---	---	1.50" (38 mm)
MC3500IEPP18TC	18" (450 mm)	20.03" (509 mm)	---
MC3500IEPP18TW	---	---	1.77" (45 mm)
MC3500IEPP18BC	---	---	---
MC3500IEPP18BW	---	---	---
MC3500IEPP24TC	24" (600 mm)	14.48" (368 mm)	---
MC3500IEPP24TW	---	---	---
MC3500IEPP24BC	---	---	2.06" (52 mm)
MC3500IEPP24BW	---	---	---
MC3500IEPP30BC	30" (750 mm)	---	2.75" (70 mm)

CUSTOM PRECURED INVERTS ARE AVAILABLE UPON REQUEST. INVERTED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-3500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN "B" ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

### MC-SERIES END CAP INSERTION DETAIL

STORMTECH END CAP, 12" (300 mm) MIN INSERTION, 12" (300 mm) MIN SEPARATION, MANIFOLD STUB, MANIFOLD HEADER.

NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

**MURDOCK** SANTAQUIN, UT  
 DATE: 10/27/22  
 PROJECT #:  
 DRAWN BY: JAG  
 CHECKED BY: JAG  
 DESCRIPTION: CURB AND GUTTER

**StormTech Chamber System**  
 4640 TREHMAN BLVD SUITE 202B  
 SALT LAKE CITY, UT 84119  
 801-488-2000 | WWW.STORMTECH.COM

5 OF 5

- ### Curb and gutter
- GENERAL**
    - A. Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER'S discretion.
    - B. Additional requirements are specified in APWA Section 32 16 13.
  - PRODUCTS**
    - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
    - B. Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
    - C. Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
    - D. Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
  - EXECUTION**
    - A. Base Course Placement: APWA Section 32 05 10. Thickness is 6-inches if flow-line grade is 0.5 percent (s=0.005) or greater. If slope is less, provide 8-inches. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
    - B. Concrete Placement: APWA Section 03 30 10.
      - 1) Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Install at the start or end of a street intersection curb return. Expansion joints are not required in concrete placement using slip-form construction.
      - 2) Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
      - 3) Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
    - C. Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.

205.2

### Curbs

- GENERAL**
  - A. Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER'S discretion.
  - B. Additional requirements are specified in APWA Section 32 16 13.
- PRODUCTS**
  - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
  - B. Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
  - C. Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
  - D. Reinforcement: Galvanized or epoxy coated, deformed, 60 ksi yield grade steel, ASTM A615.
  - E. Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
  - A. Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - B. Concrete Placement: APWA Section 03 30 10.
    - 1) Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Install at the start or end of a street intersection curb return. Expansion joints are not required in concrete placement using slip-form construction.
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  - C. Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.

209

BACKFILL (TYP), REINFORCEMENT (2) #4 @ 8" O.C., PAVEMENT, BASE COURSE, CONCRETE AREA = 0.58 SQ. FT., CONCRETE AREA = 1.0278 SQ. FT., CONCRETE AREA = 0.472 SQ. FT., CONCRETE AREA = 0.487 SQ. FT.

**JOINT SPACING DETAIL**  
 Curbs  
 Plan 209  
 November 2009

BACKFILL BEHIND CURB BEFORE PAVING AGAINST LIP OF GUTTER, 3/4" CONTRACTION JOINT, BACKFILL (TYP), CONCRETE AREA = 1.665 SQ. FT., CONCRETE AREA = 1.539 SQ. FT., CONCRETE AREA = 1.989 SQ. FT., CONCRETE AREA = 1.970 SQ. FT.

**JOINT DETAIL**  
 Curb and gutter  
 Plan 205.2  
 April 2011

**GILSON ENGINEERING**  
 Consulting Engineers & Surveyors  
 12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
 PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
 LICENSE NO. 362118  
 10/27/22  
 Bradley S. Gilson

REVISIONS  
 REV. DATE BY COMMENTS  
 A 10/27/22 JAG

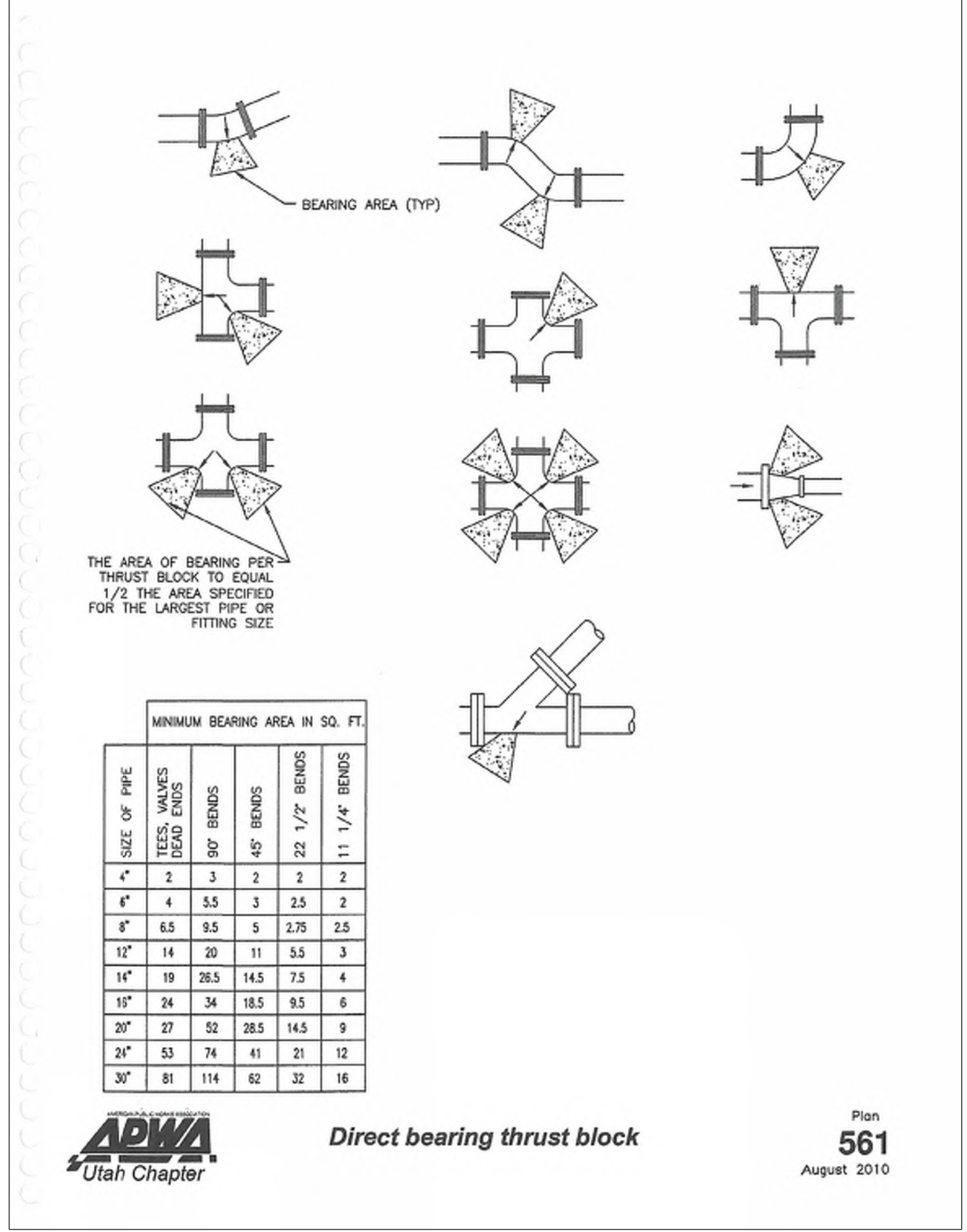
DESIGNED BY: JAG  
 CHECKED: JAG  
 APPROVED: JAG  
 1" SCALE MEASURES 1" ON FULL SIZE SHEET  
 ADJUST FOR HALF SIZE SHEET

**DETAILS**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: A  
 PROJ. # NCC.010

C.506

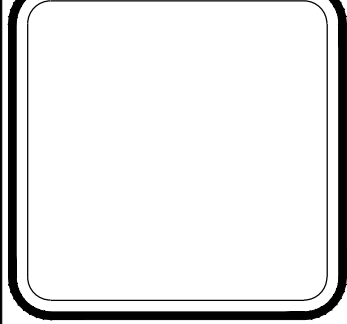
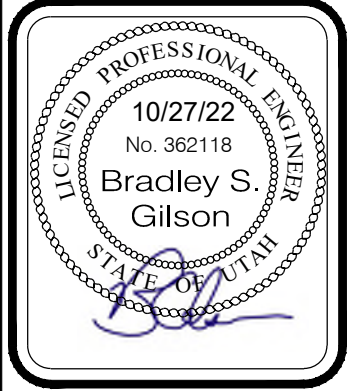
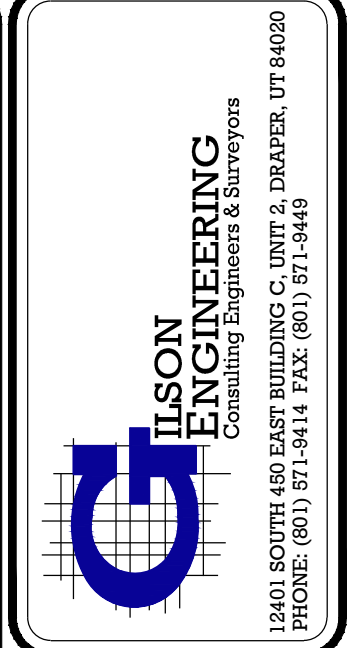




*Direct bearing thrust block*

- GENERAL**
  - Thrust design for pipe sizes or configurations not shown require special design.
  - Bearing areas, volumes, and special thrust blocking details shown on Drawings take precedence over this plan.
  - Restraint sizing is based upon a maximum operating pressure of 150 psi and a test pressure of 200 psi, and a minimum soil bearing strength of 2,000 psf. Operating pressures in excess of 150 psi or soils with less than 2,000 pound bearing strength will require special design.
  - Before backfilling around thrust block, secure inspection of installation by ENGINEER.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - Thrust Blocks: Concrete Class 4000, APWA Section 03 30 04.
  - Grease: Non-oxide poly-FM.
- EXECUTION**
  - Pour concrete against undisturbed soil.
  - Pipe Joints: Do not cover with concrete. Leave completely accessible.
  - Grease: Apply grease to all buried metal surfaces. Wrap with polyethylene sheet and tape wrap.
  - Locking restraint devices may be used in conjunction with concrete thrust blocking (at discretion of ENGINEER).
  - Base Course and Backfill Placement: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.

561



REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	ISSUE

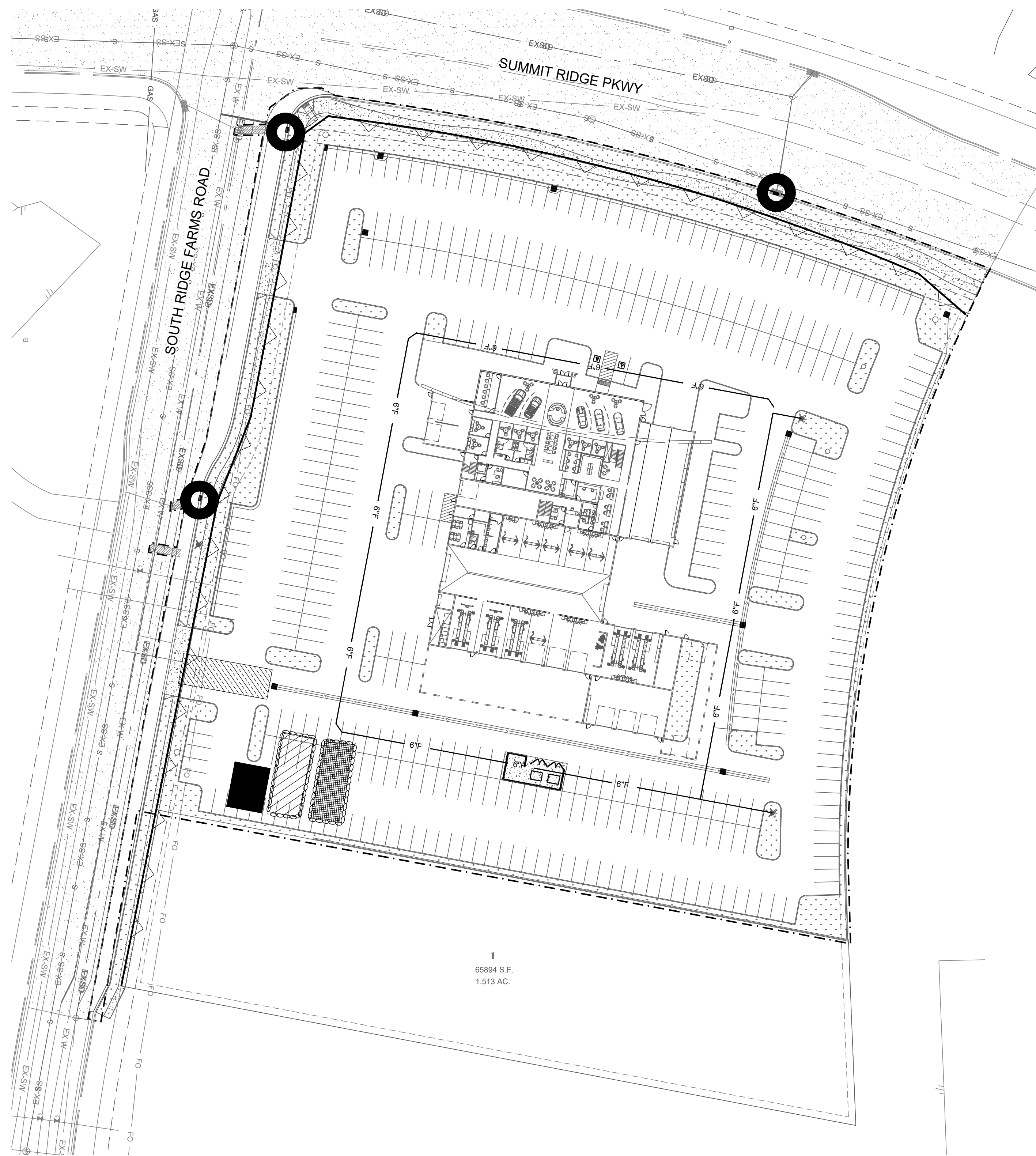
DESIGNED/DRAWN BY: JAG  
CHECKED: APPROVED: 0

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEET

**DETAILS**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ. # **NCC.010**  
**C.507**



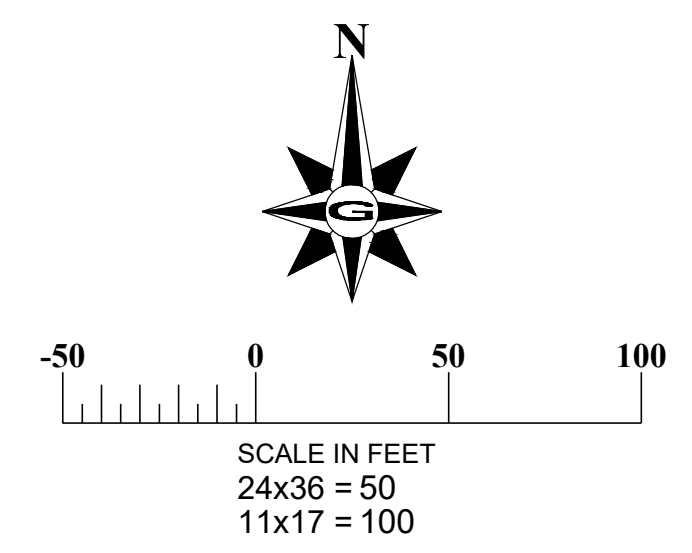


**EROSION CONTROL NOTES**

1. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN ON THE PLAN.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THE SITE.
3. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY, AND REMOVED WHEN THE SITE IS PAVED.
4. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY UPON INDIVIDUAL INLETS BECOMING FUNCTIONAL.
5. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER MANAGEMENT PLAN AND THE STATE OF UTAH DISCHARGE PERMIT SYSTEM. GENERAL PERMIT FOR "STORM DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY" AND BECOME FAMILIAR WITH THEIR CONTENT.
6. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
7. FUGITIVE DUST AREAS SHALL BE CONTROLLED BY SPRAYING WATER ON THE DRY AREAS OF THE SITE. CONTRACTOR WILL SUPPLY THE CITY WITH A DUST CONTROL PLAN AT THE TIME OF THE PRE-CONSTRUCTION MEETING.
8. NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
9. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES OR OTHER UNFORESEEN CONDITIONS DURING DEVELOPMENT OF THE PROJECT.
11. ALL INLETS WILL HAVE TEMPORARY INLET CONTROL.
12. TEMPORARY SANITATION FACILITIES REQUIRED.
13. CONTRACTOR TO COORDINATE WITH CITY INSPECTOR ON ALL REQUESTS TO MODIFY OR MAKE CHANGES TO SWPPP/EROSION CONTROL PLAN.

**LAND DISTURBANCE NOTES**

1. CONTRACTOR SHOULD PERFORM EARTHWORK IN ACCORDANCE WITH SANTAQUIN CITY LAND DISTURBANCE ORDINANCE, THE CITY'S STANDARD SPECIFICATIONS, SANTAQUIN CITY LAND DISTURBANCE DESIGN AND CONSTRUCTION STANDARDS, EROSION, SEDIMENT, REVEGETATION REQUIREMENTS, AND THE DUST CONTROL PLANS REQUIRED BY THE STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF AIR QUALITY.
2. THE SEQUENCE OF CONSTRUCTION IS TO BE FOLLOWED.
3. SEDIMENTATION BMPS AND SEDIMENT CONTROL PLANS TO BE INSTALLED WITHIN THE SAME WORKING DAY THE LAND DISTURBANCE OCCURS.
4. DUST CONTROL BMPS ARE TO BE ON SITE AND IMPLEMENTED AS SOON AS LAND DISTURBANCE OCCURS. THE DUST CONTROL AS REQUIRED BY THE STATE OF UTAH AIR QUALITY PLAN IS TO BE SUBMITTED BY THE CONTRACTOR. THE DEVELOPER IS RESPONSIBLE FOR CONTROLLING THE DUST PRODUCED AT THIS PROJECT AND SHALL PROVIDE THE NECESSARY MITIGATION TO KEEP THE DUST TO THE ACCEPTABLE LIMITS IDENTIFIED IN THE AIR QUALITY PERMIT OBTAINED FOR THE STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, AND DIVISION OF AIR QUALITY.
5. ALL AREAS TO BE REVEGETATED ARE TO RECEIVE REVEGETATION BMPS WITHIN 21 DAYS OF DISTURBANCE.
6. IF THE EXISTING GRADE IS DIFFERENT FROM WHAT IS SHOWN ON THIS GRADING PLAN, STOP WORK AND CONTACT SANTAQUIN CITY, ENGINEERING DEPARTMENT. WORK IS TO REMAIN STOPPED UNTIL THE CITY'S ENGINEERING DEPARTMENT PROVIDES A WRITTEN NOTICE TO RESUME WORK.
7. THE PROJECT OWNER IS RESPONSIBLE FOR MAINTAINING THE STREETS, STORM DRAINS, AND CHANNELS, DITCHES AND SWALES FREE FROM DEBRIS, SOIL, MUD, OR OTHER MATERIAL THAT WOULD CAUSE A PUBLIC SAFETY CONCERN, VIOLATE THE CITY'S PERMIT, STATE OR FEDERAL LAWS, OR PREVENT THE FACILITY FROM OPERATING.
8. ALL CONCRETE TRUCKS ARE TO USE THE DESIGNATED WASHOUT AREA(S). FAILURE TO COMPLY WILL RESULT IN A WORK STOP AND THE OFFENDER COULD BE GUILTY OF A CLASS C MISDEMEANOR.
9. L.O.D. BARRIERS ARE TO BE IN PLACE AND MAINTAINED UNTIL WRITTEN NOTIFICATION IS RECEIVED FROM THE ENGINEERING DEPARTMENT. THE OWNER IS RESPONSIBLE FOR MAINTAINING L.O.D. BARRIERS.
10. IF DISTURBANCE OCCURS OUTSIDE THE L.O.D. WORK WILL STOP AND REMAIN STOPPED UNTIL THE WRITTEN RESPONSE IS RECEIVED FROM THE TOWN.
11. THE OWNER IS TO BE RESPONSIBLE FOR ADDITIONAL GRADING INFORMATION AS REQUIRED THROUGHOUT THE REMAINDER OF THE PROJECT.
12. SILT FENCES TO BE INSTALLED AT ALL DOWN GRADE SLOPES AND SHALL BE REQUIRED ON PHASE LINE FOR NON-CONCURRENT CONSTRUCTION.
13. ADDITIONAL CONSTRUCTION ENTRANCES SHALL BE REQUIRED ON PHASE LINE FOR NON-CONCURRENT CONSTRUCTION.



**LEGEND**

- BMP SILT FENCE
- BMP INSPECTION AND MAINTENANCE, BMP STABILIZED CONSTRUCTION ENTRANCE AND WASH AREA
- TOPSOIL STOCKPILE AREA (OR AS DIRECTED BY OWNER) BMP EARTH BERM BARRIER
- BMP MATERIALS STORAGE, BMP VEHICLE AND EQUIPMENT FUELING, BMP CONCRETE WASTE MANAGEMENT, BMP PORTABLE TOILETS, BMP EARTH BERM BARRIER
- BMP DUST CONTROLS, BMP GRADING PRACTICES, BMP CONTAMINATED OR ERODIBLE SURFACE AREAS, REPOSITORY STOCKPILE AREA (OR AS DIRECTED BY OWNER), BMP EARTH BERM BARRIER
- BMP INLET PROTECTION

**GENERAL NOTES**

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2. ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDINGS AND SITE IMPROVEMENTS.

**DISCLAIMER NOTE**

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**GILSON ENGINEERING**  
Consulting Engineers & Surveyors  
12401 SOUTH 450 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL ENGINEER  
LICENSED 10/27/22  
No. 362118  
Bradley S. Gilson  
SALT LAKE CITY, UTAH

REVISIONS

REV.	DATE	BY	COMMENTS
A	10/20/22	JAG	

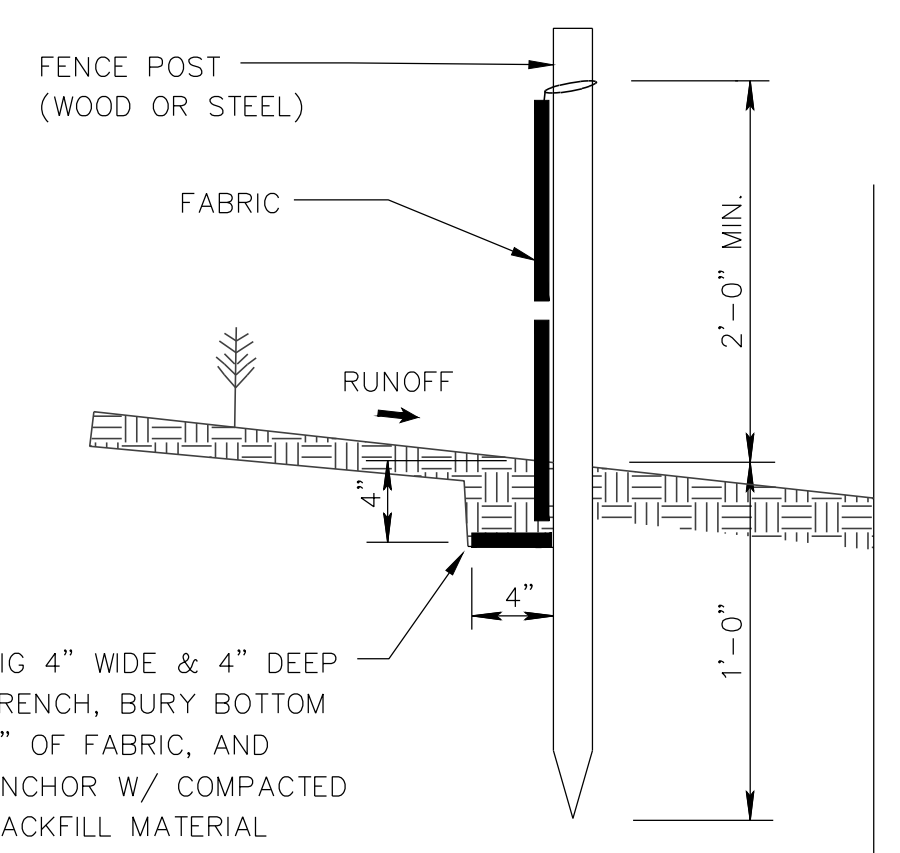
DATE: OCTOBER 22  
DRAWING NAME: EROSION CONTROL PLAN  
DESIGNED/DRAWN BY: JAG  
CHECKED: [ ]  
APPROVED: [ ]

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
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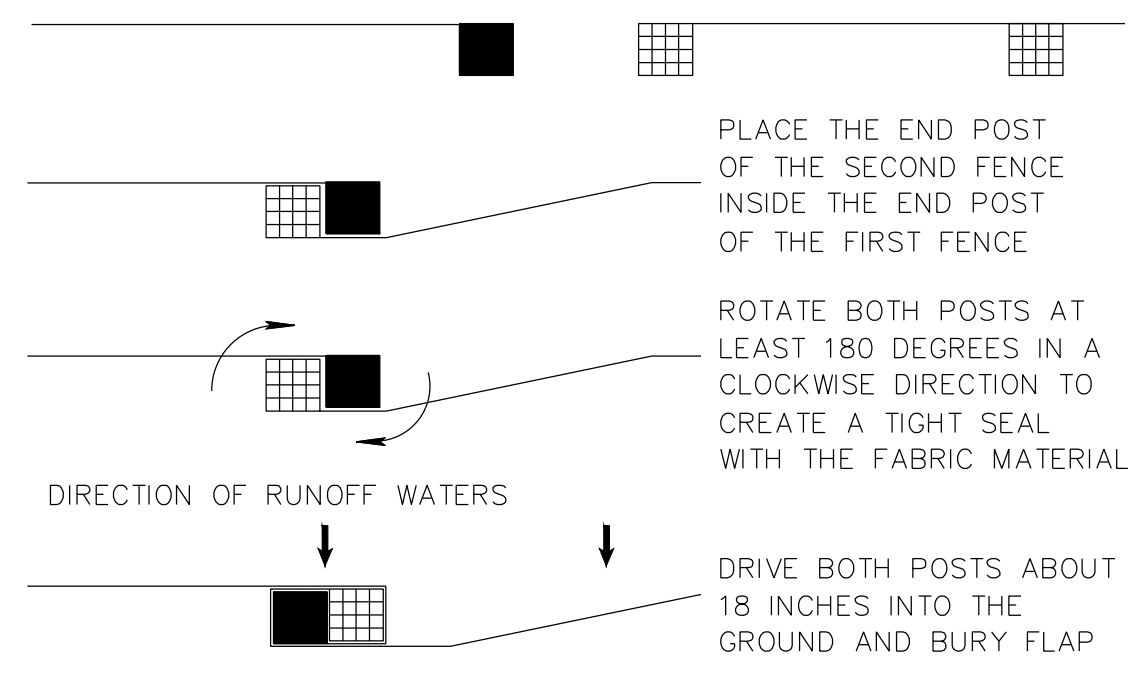
**EROSION CONTROL PLAN**  
MURDOCK FORD SANTAQUIN  
985 WEST SUMMIT RIDGE PKWY  
SANTAQUIN, UTAH

REVISION: **A**  
PROJ. **NCC.010**  
**ER.101**

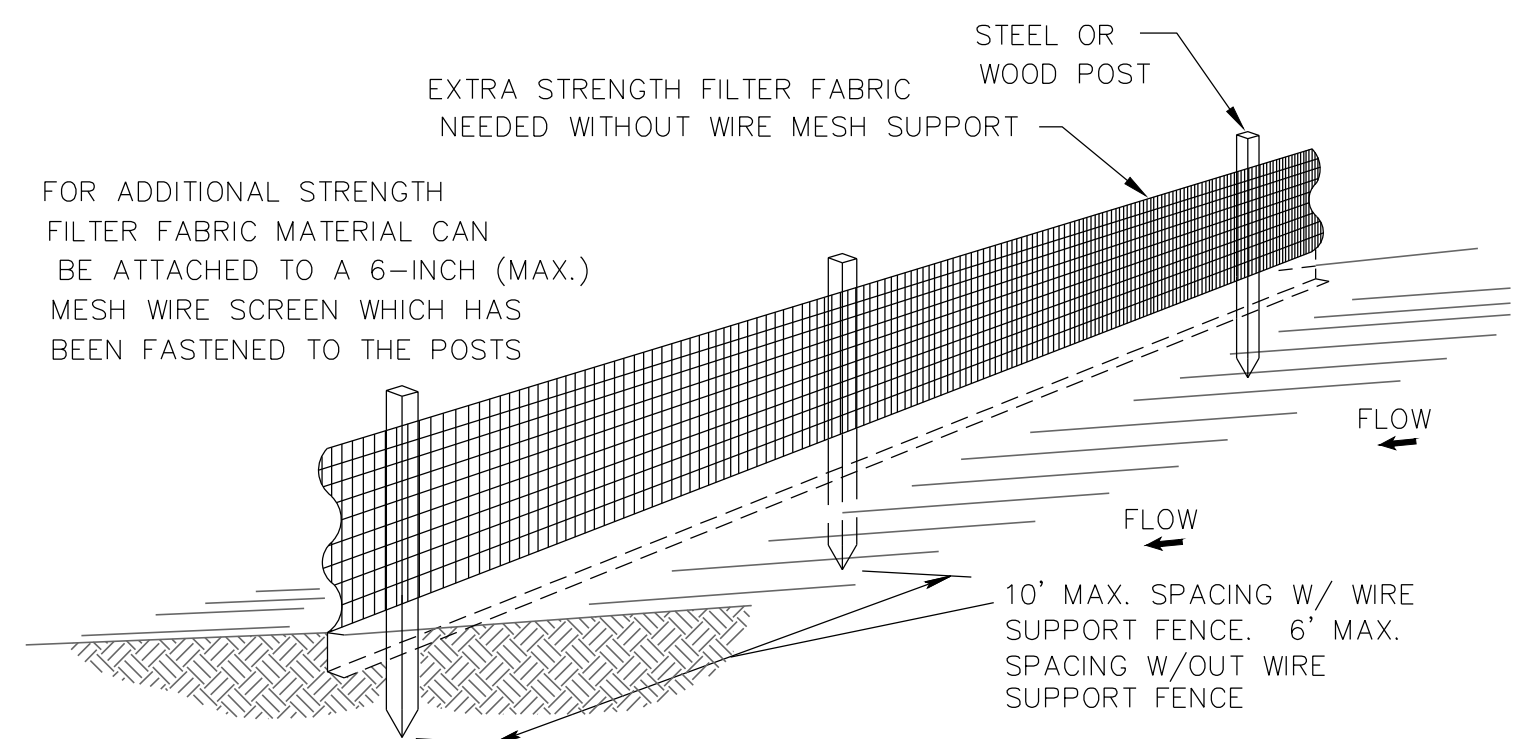




**SILT FENCE SECTION**

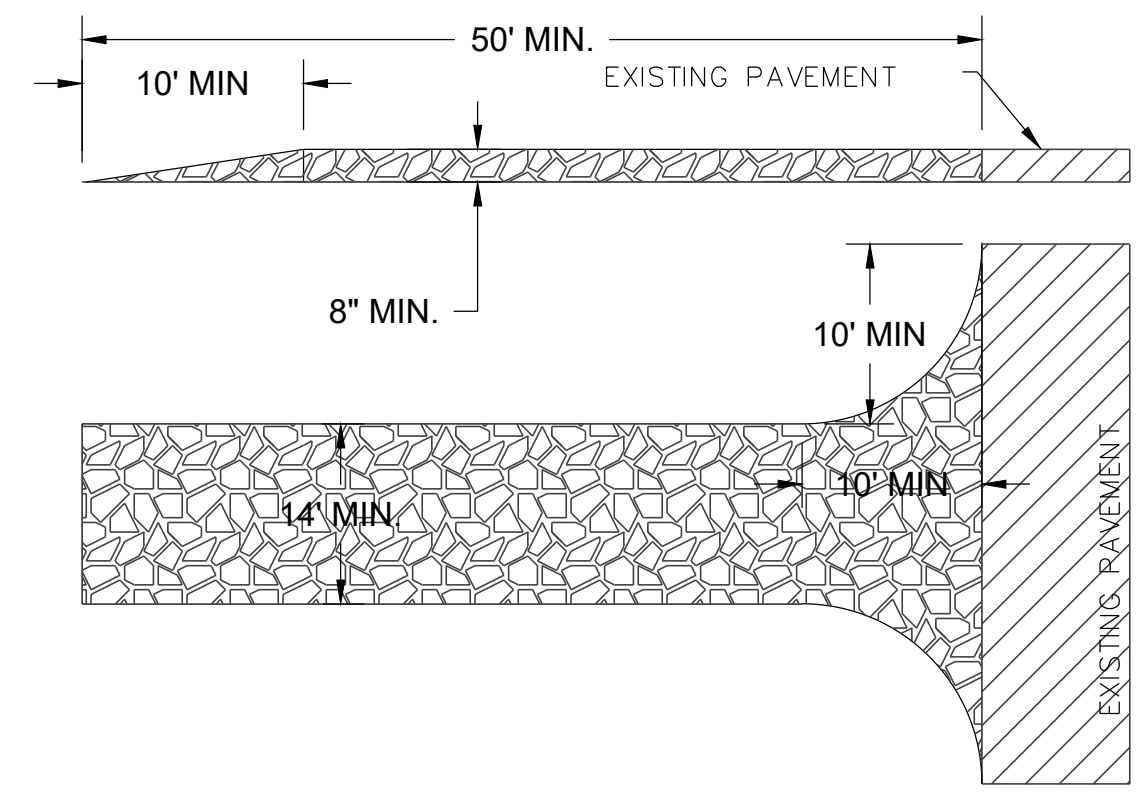


**ATTACHING TWO SILT FENCES**



**NOTES**

1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 CM).
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 M) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 CM). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 CM) WIDE AND 4 INCHES (10 CM) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 MM) LONG, TIE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (5 CM) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES (20 CM) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
7. THE TRENCH SHALL BE BACK FILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
8. INSTALL PER MANUFACTURER'S SPECIFICATIONS



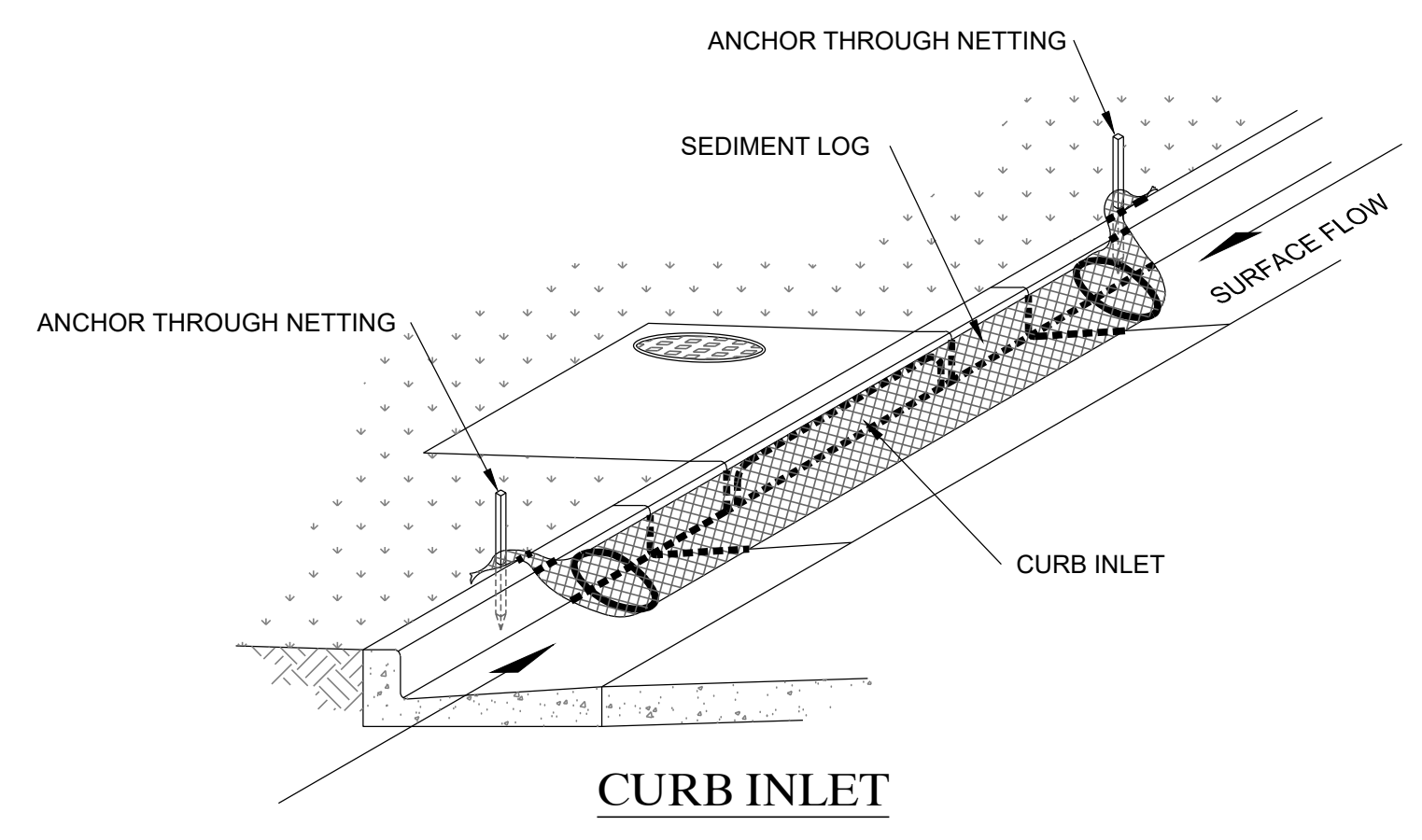
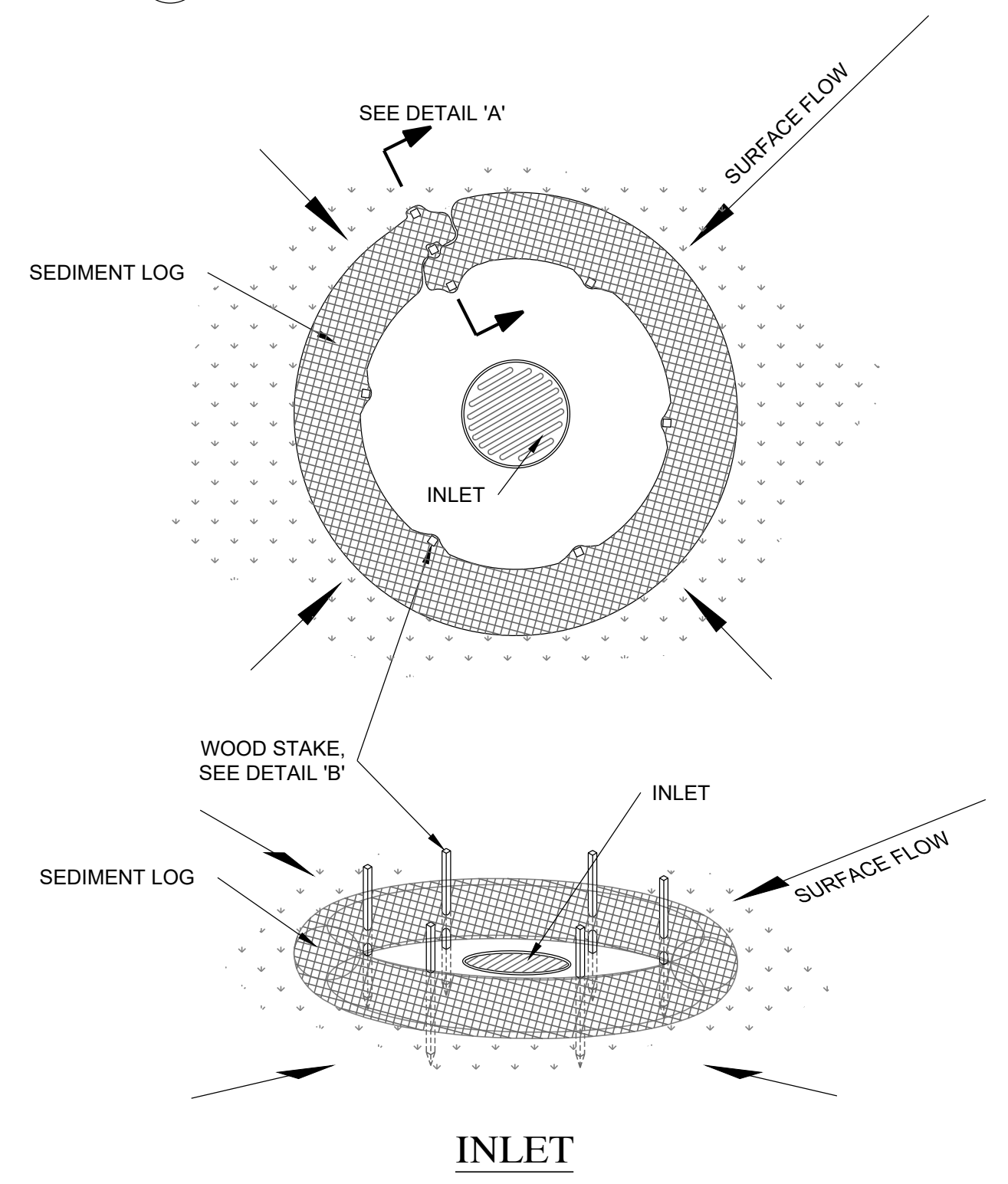
**B CONSTRUCTION ENTRANCE**

SCALE: N.T.S.

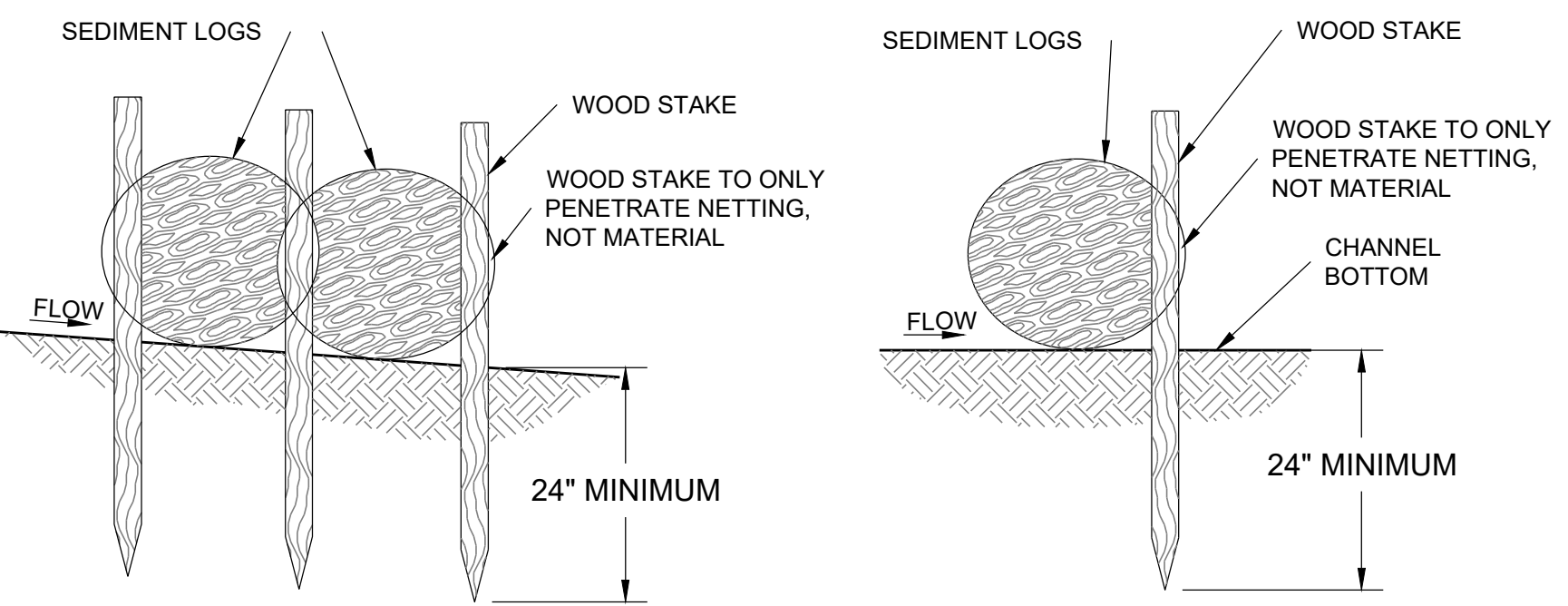
1. STONE SIZE-- USE 4"-6" STONE OR RECLAIMED CONCRETE EQUIVALENT.
2. LENGTH-- AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS-- NOT LESS THAN EIGHT INCHES.
4. WIDTH-- TEN FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OF EGRESS OCCURS.
5. SURFACE WATER-- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SIDE SLOPES WILL BE PERMITTED.
6. MAINTENANCE-- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO THE PUBLIC R.O.W. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC R.O.W.S MUST BE REMOVED IMMEDIATELY.
7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVED AFTER EACH RAINFALL.
8. GEOTEXTILE UNDERLINER WILL BE INSTALLED UNDER STONE.

**A SILT FENCE**

SCALE: N.T.S.



**CURB INLET**



**STAKING 'A'**

**STAKING 'B'**

**C INLET PROTECTION**

SCALE: N.T.S.

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PROFESSIONAL ENGINEER  
 LICENSE NO. 1027122  
 No. 362118  
 Bradley S. Gilson  
 STATE OF UTAH

REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	

DESIGNED/DRAWN BY: JAG  
 CHECKED: [ ]  
 APPROVED: [ ]

SCALE MEASURES 1" ON FULL SIZE SHEET  
 ADJUST FOR HALF SIZE SHEET

**EROSION CONTROL PLAN**  
 MURDOCK FORD SANTAQUIN  
 985 WEST SUMMIT RIDGE PKWY  
 SANTAQUIN, UTAH

REVISION: **A**  
 PROJ. # **NCC.010**  
**ER.102**





**DRC Members in Attendance:** City Engineer Jon Lundell, Senior Planner Loren Wiltse, Fire Marshall Taylor Sutherland, Police Chief Rod Hurst, Building Official Randy Spadafora.

**Others in Attendance:** Planner Camille Moffat, Recorder Amalie Ottley, Assistant Stephanie Christensen, Devin Miller on behalf of Scenic Ridge.

Various members of the public attended the meeting.

Engineer Jon Lundell called the meeting to order at 10:00 a.m.

**Scenic Ridge Estates Final Review**

*A final review of an 8-lot subdivision located east of 430 S., including parcel numbers 32:040:0070, 32:040:0045, 32:040:0047, and 32:040:0042.*

Engineer Lundell addressed the alignment of lots and the corresponding irrigation and culinary pressure lines in the subdivision. Field pressure tests on fire hydrants have been conducted close to the development to determine infrastructure and elevations. Santaquin City has retention and debris basins currently under design, with the aid of federal funding, that will allow for future development in the area.

Building Official Spadafora stated that addressing has been assigned and included with redline comments.

Fire Marshall Sutherland had no comments.

Police Chief Hurst had no comments.

Engineer Lundell brought up the proposed route for trucks hauling materials to the site through the duration of construction. Chief Hurst inquired if 900 East has weight restrictions. Engineer Lundell stated that no weight restrictions are imposed on 900 East. Chief Hurst confirmed that he approves of the proposed route. Engineer Lundell pointed out that proposed street light locations are missing from the plans. Plat sheet notes and missing labels also need to be cleaned up as noted by redlines. Separate storm drain easements and legal descriptions for infiltration galleries on upper lots need to be provided to the city. Mr. Lundell pointed out that ductile iron lines are not required, and C900 PVC may be installed instead if desired. Clarification on street cross sections, water lines, and depth of water were addressed. Engineer Lundell stated that redlines notes and clarifications will be sent to the applicant.

Senior Planner Wiltse inquired about storm drainage on the individual lots. Engineer Lundell confirmed that storm drainage on individual lots is required to be maintained by the future property owners. Building Manager Spadafora inquired if the city will need to install berms on the upper lots to maintain drainage. The DRC discussed the potential for homeowners to install retention walls on those lots in the future and the city code requirements for those retention walls.



Building Manager Spadafora made a motion to approve the plans with the condition that redlines be addressed and approved by Engineering, including the addition of addressing. Marshall Sutherland seconded the motion.

Police Chief Rodney Hurst	Yes
Public Works Director Jason Callaway	Absent
Fire Marshall Taylor Sutherland	Yes
City Manager Norm Beagley	Absent
Assistant City Manager Director Jason Bond	Absent
Building Official Randy Spadafora	Yes
Engineer Jon Lundell	Yes
Senior Planner Loren Wiltse	Yes

Motion passed unanimously in favor.

**Meeting Minutes Approval**

October 11, 2022

Fire Marshall Sutherland motioned to approve the DRC meeting minutes from October 11, 2022. Building Official Spadafora seconded the motion.

Police Chief Rodney Hurst	Yes
Public Works Director Jason Callaway	Absent
Fire Marshall Taylor Sutherland	Yes
City Manager Norm Beagley	Absent
Assistant City Manager Director Jason Bond	Absent
Building Official Randy Spadafora	Yes
Engineer Jon Lundell	Yes
Senior Planner Loren Wiltse	Yes

Motion passed unanimously in favor.

**Adjournment**

Meeting was adjourned at 10:15 a.m.

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Jon Lundell, City Engineer



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Amalie R. Ottley, City Recorder