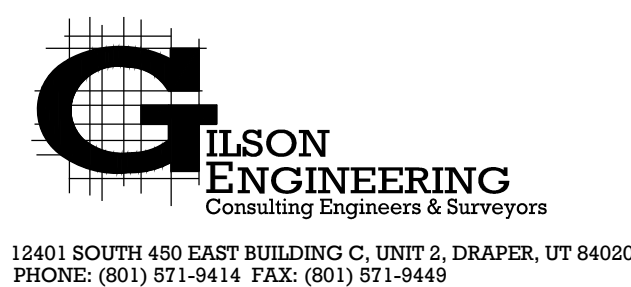


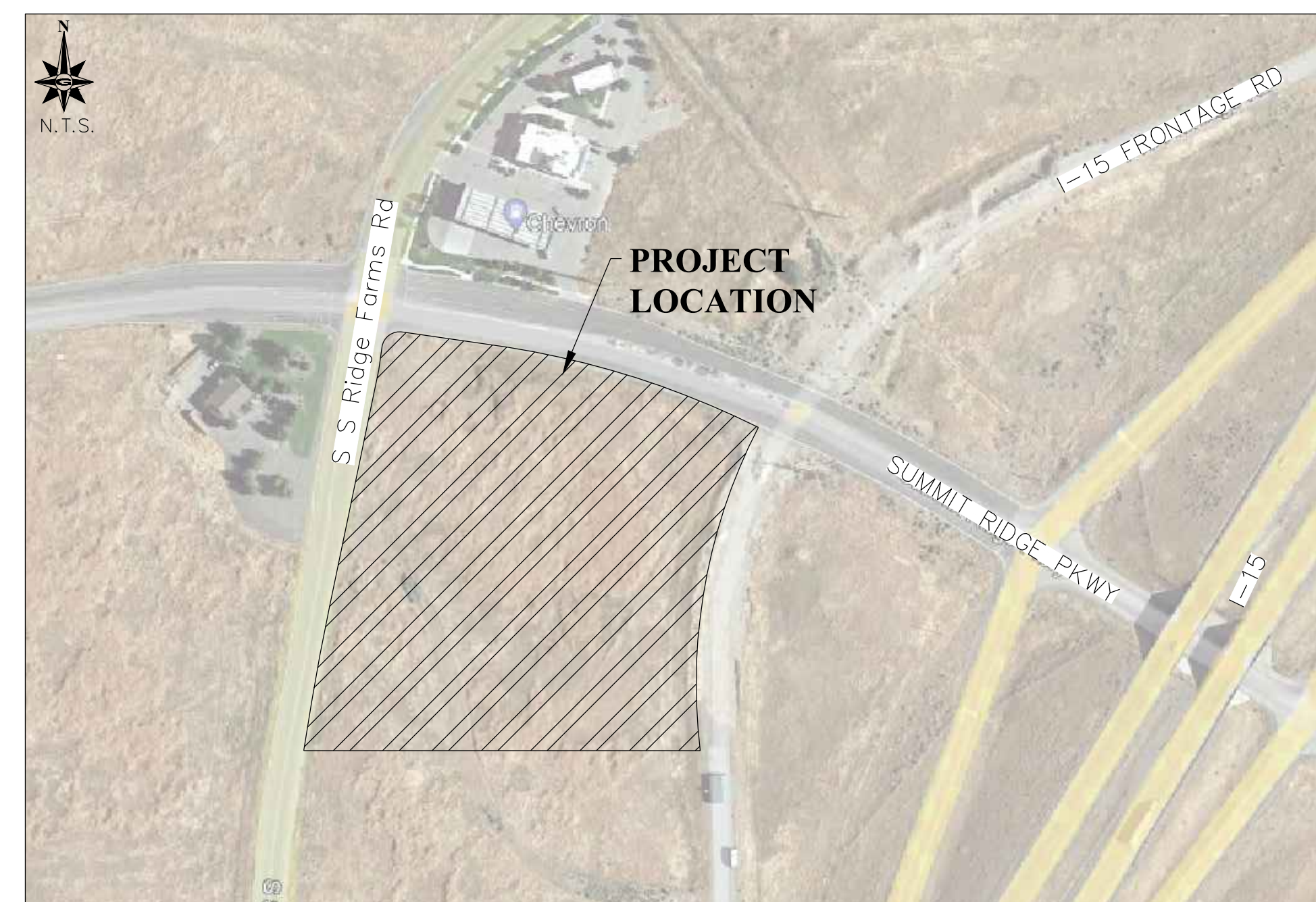
MURDOCK FORD SANTAQUIN

PROJECT # NCC.010.22
OCTOBER 2022

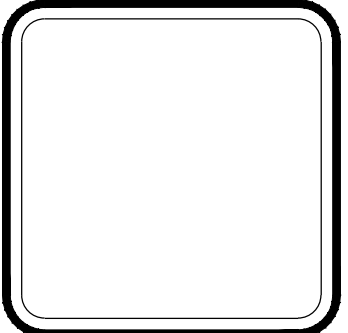
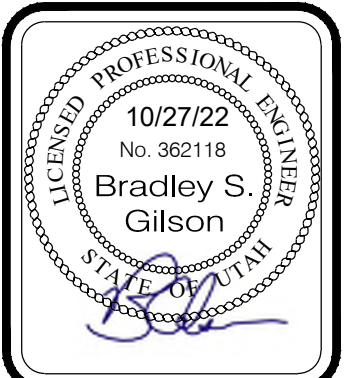
LOCATED AT 985 WEST SUMMIT RIDGE PKWY,
 IN THE CITY OF SANTAQUIN, UTAH COUNTY, UTAH



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VICINITY MAP



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

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- THIS DESIGN IS AN ORIGINAL UNPUBLISHED WORK AND MAY NOT BE DUPLICATED, PUBLISHED AND/OR USED WITHOUT THE WRITTEN CONSENT OF GILSON ENGINEERING, INC.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	ADJ	ADJUST
ADS	ADVANCE DRAINAGE SYSTEM	ARV	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	CMP	CENTERLINE
CL	CORRUGATED METAL PIPE	CO	CLEAN OUT
CONC	CONCRETE	COR.	SECTION CORNER
D	DELTA ANGLE	DET	DETAIL
DIA	DIAMETER	DIP	DUCTILE IRON PIPE
DWG	DRAWING	DWG	DRAWING
ELEV	ELEVATION	ELOC	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	HDPDE	HIGH DENSITY POLY ETHYLENE
HP	HIGH POINT	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	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



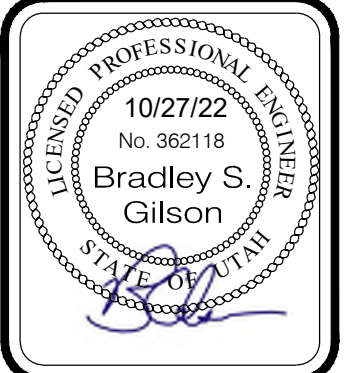
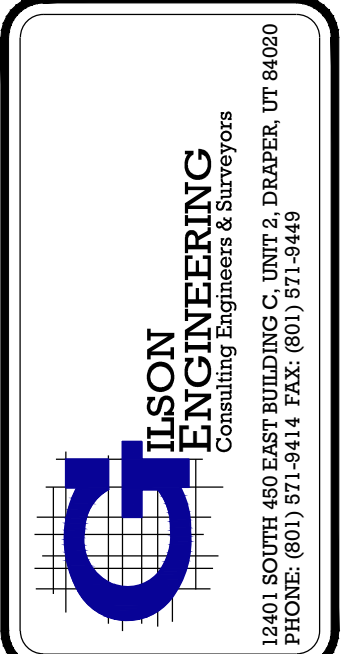
CAUTION NOTICE TO CONTRACTOR

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



DATE	REVISIONS		
OCTOBER 22			
REV.	DATE	BY	COMMENTS
A	10/22/22	JAG	ISSUED FOR PERMITS
DRAWING NAME: MURDOCK FORD SANTAQUIN			
NOTES			
DESIGNED/DRAWN BY: JAG			
CHECKED:	APPROVED:		

NOTES

MURDOCK FORD SANTAQUIN
985 WEST SUMMIT RIDGE PKWY
SANTAQUIN, UTAH

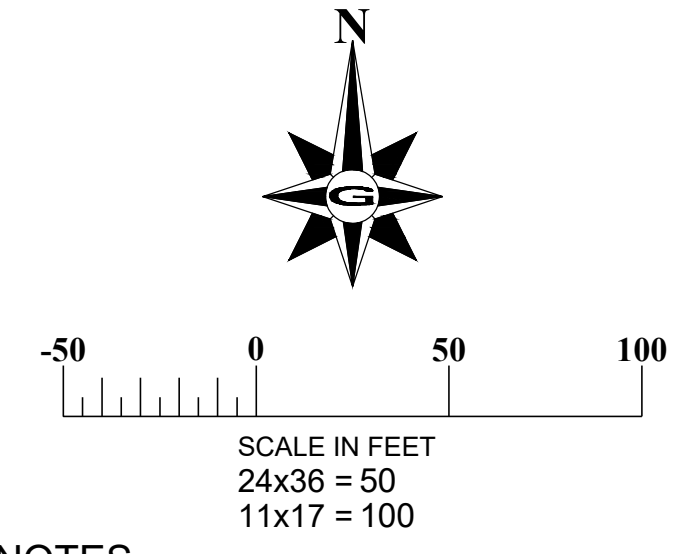
GENERAL NOTES

- 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.

REVISION: **A**

PROJ: **NCC.010**

G.101



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.

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

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
SANTAQUIN, UTAH

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

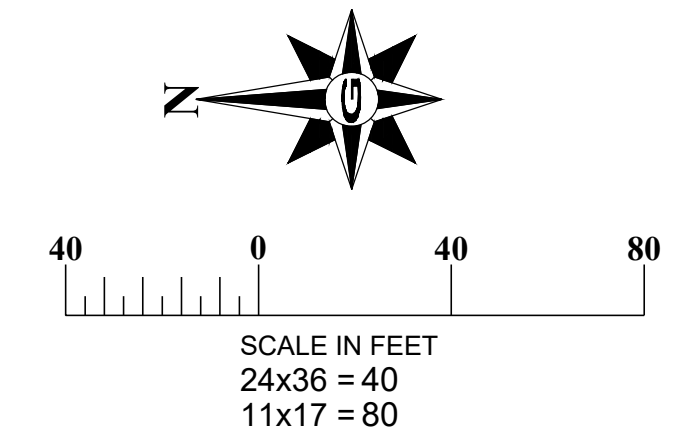
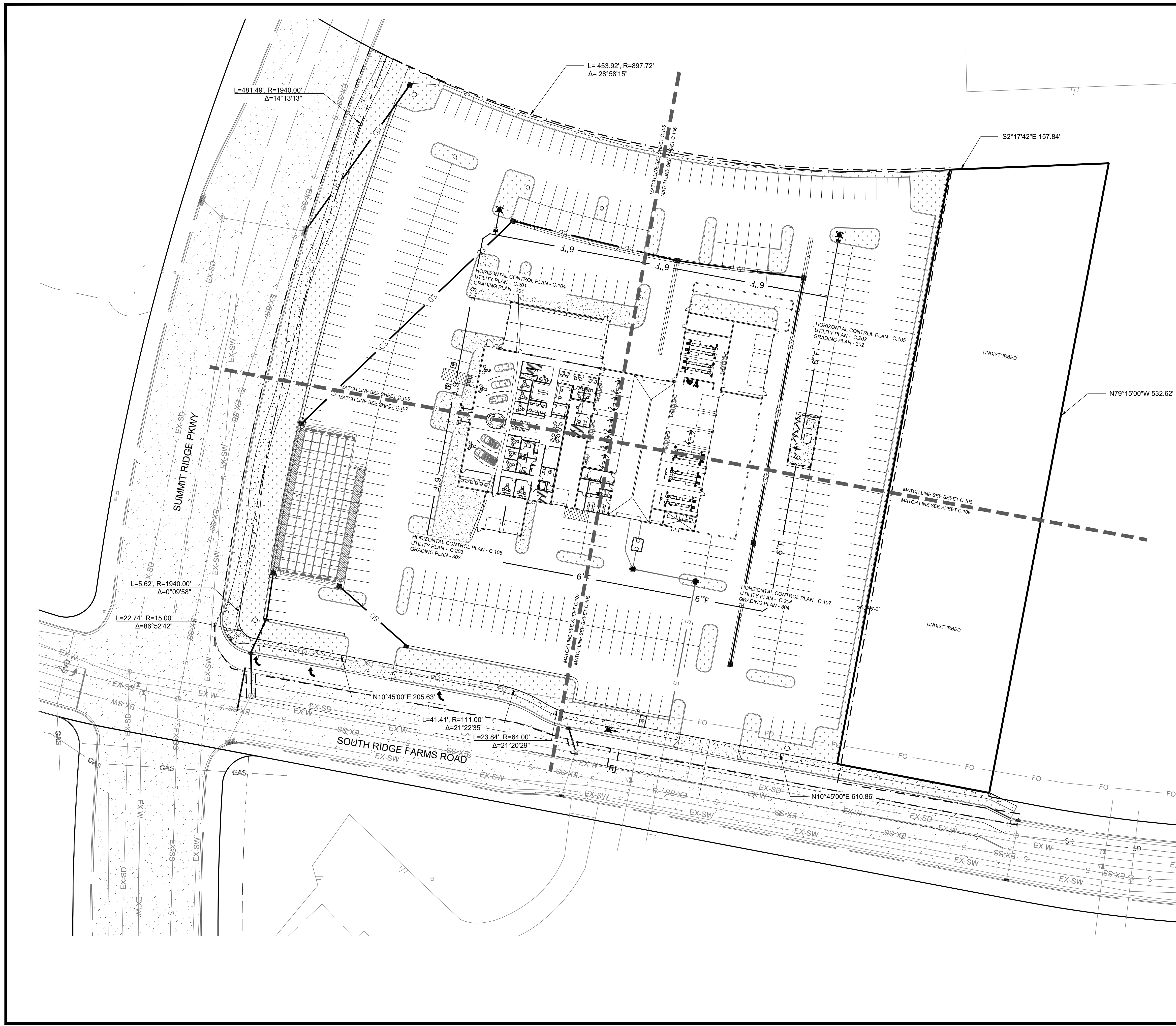
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APPROVED: []

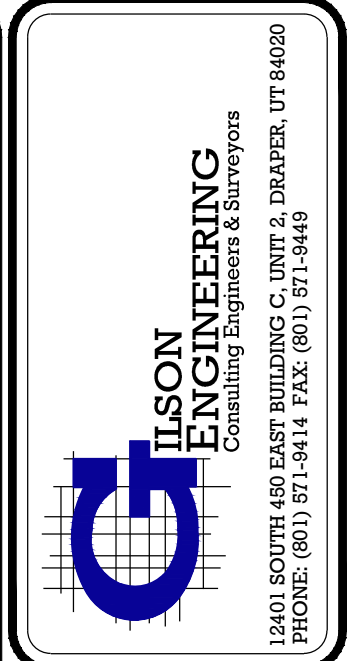
1" SCALE MEASURES 1' ON FULL SIZE SHEET
ADJUST FOR HALF SIZE SHEET

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

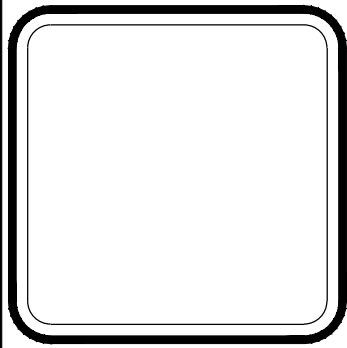
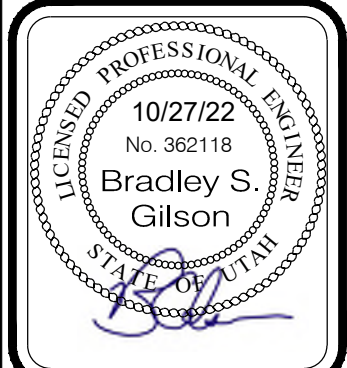
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PROJ. **NCC.010**
C.101



1. SEE SHEET C.104 FOR POINT TABLES.



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



REV.	DATE	BY	COMMENTS
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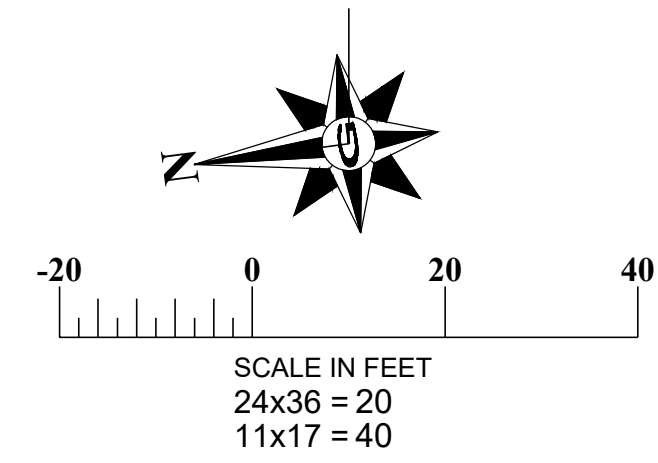
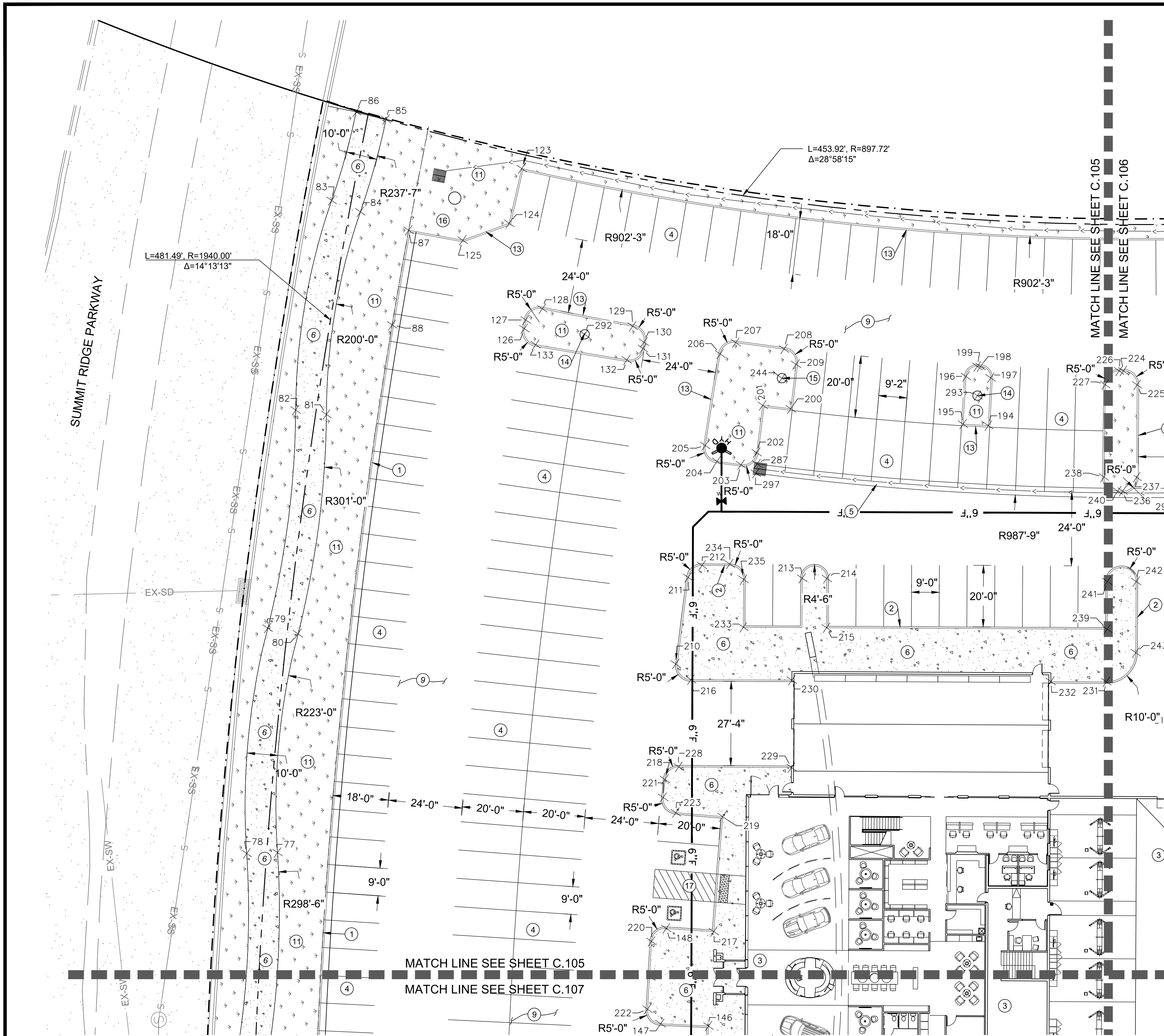
OVERALL SITE PLAN
MURDOCK FORD SANTAQUIN
985 WEST SUMMIT RIDGE PKWY
SANTAQUIN, UTAH

REVISION: **A**
PROJ. NO: **NCC.010**
C.102

- GENERAL NOTES**
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SALT LAKE CITY, UTAH 84101



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 CUTTER PER CURRENT APWA STANDARD DRAWING NO. 205.2 SHEET C.506
- 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

GENERAL NOTES

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 12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAAPER, UT 84020
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PROFESSIONAL ENGINEER
 LICENSE NO. 1027122
 No. 362118
 Bradley S. Gilson
 SALT LAKE CITY, UTAH

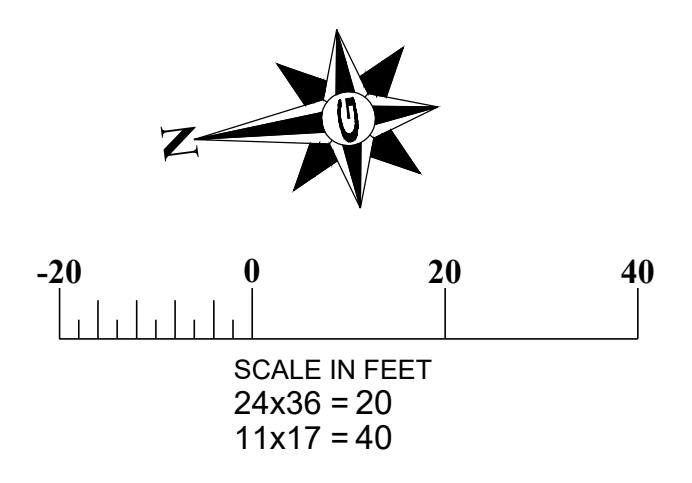
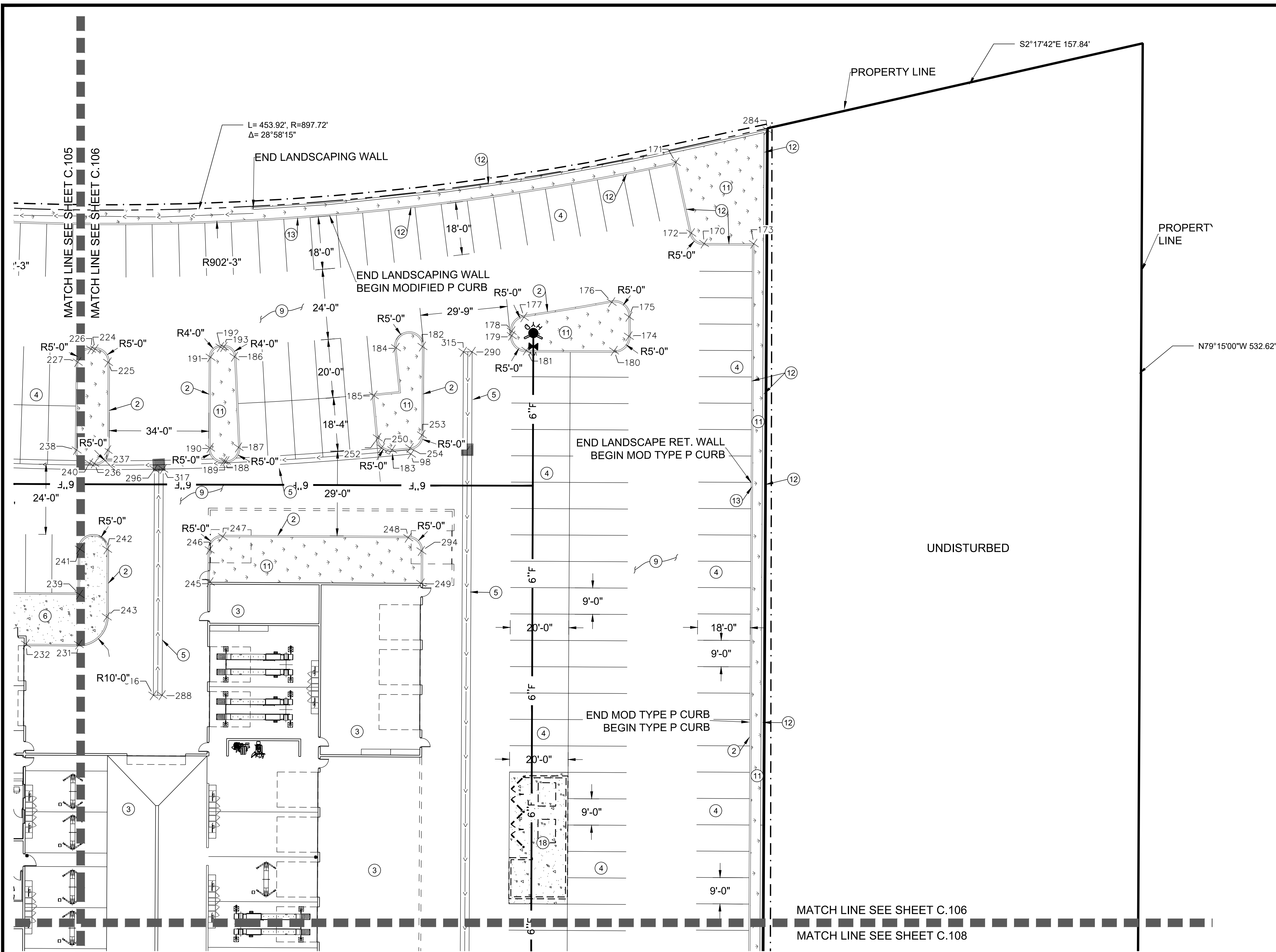
REV.	DATE	BY	COMMENTS

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

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.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
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- ③ REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION
- ④ INSTALL 4" WIDE PAINTED WHITE PARKING LINES
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- 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

GENERAL NOTES

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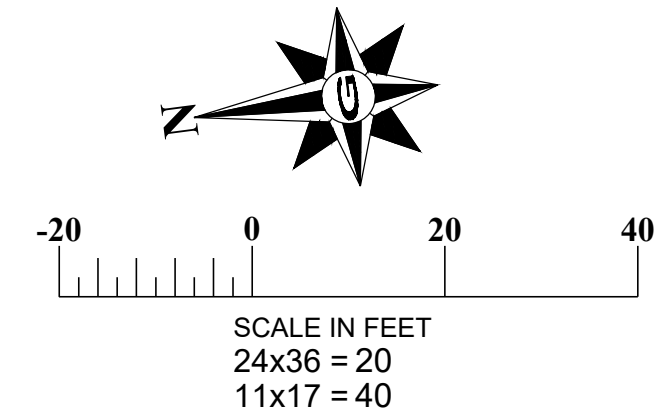
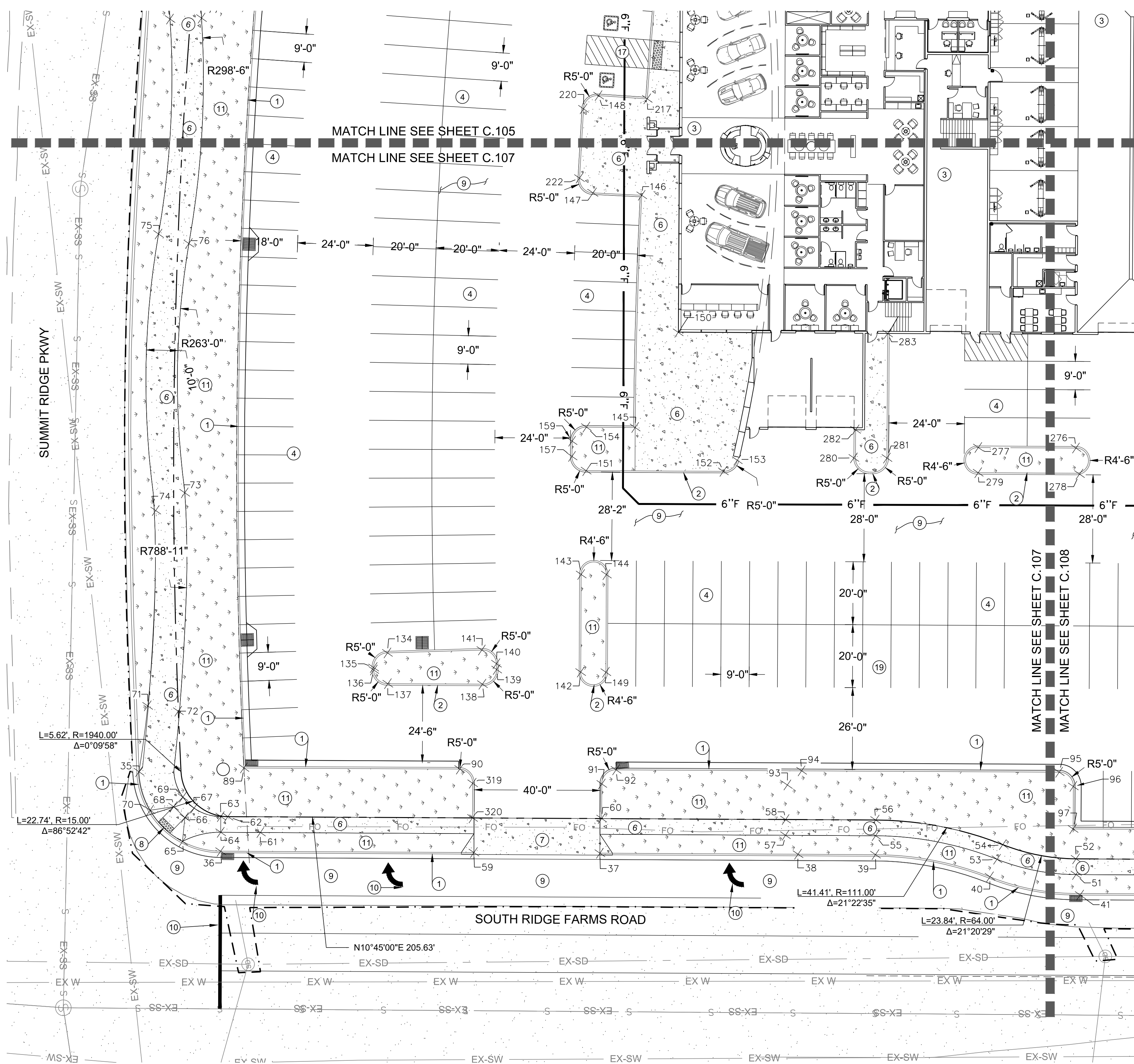
PROFESSIONAL ENGINEER
LICENSED PROFESSIONAL ENGINEER
10/27/22
No. 362118
Bradley S. Gilson
SALT LAKE CITY, UT

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

DATE	REVISIONS
OCTOBER 22	REVISIONS
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CHECKED:	
APPROVED:	

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

REVISION: **A**
PROJ. NO: **NCC.010**
C.105



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

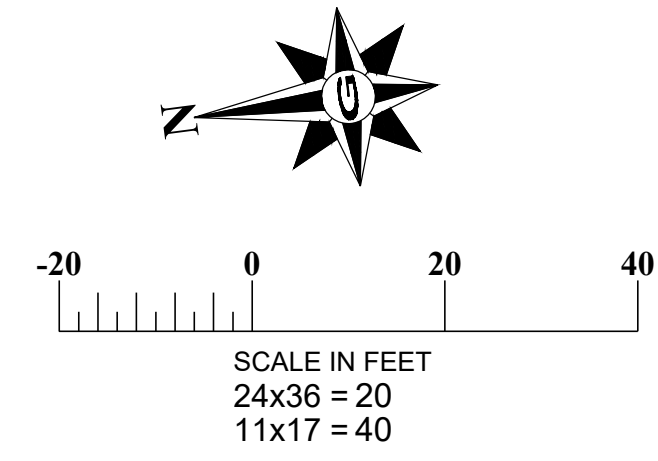
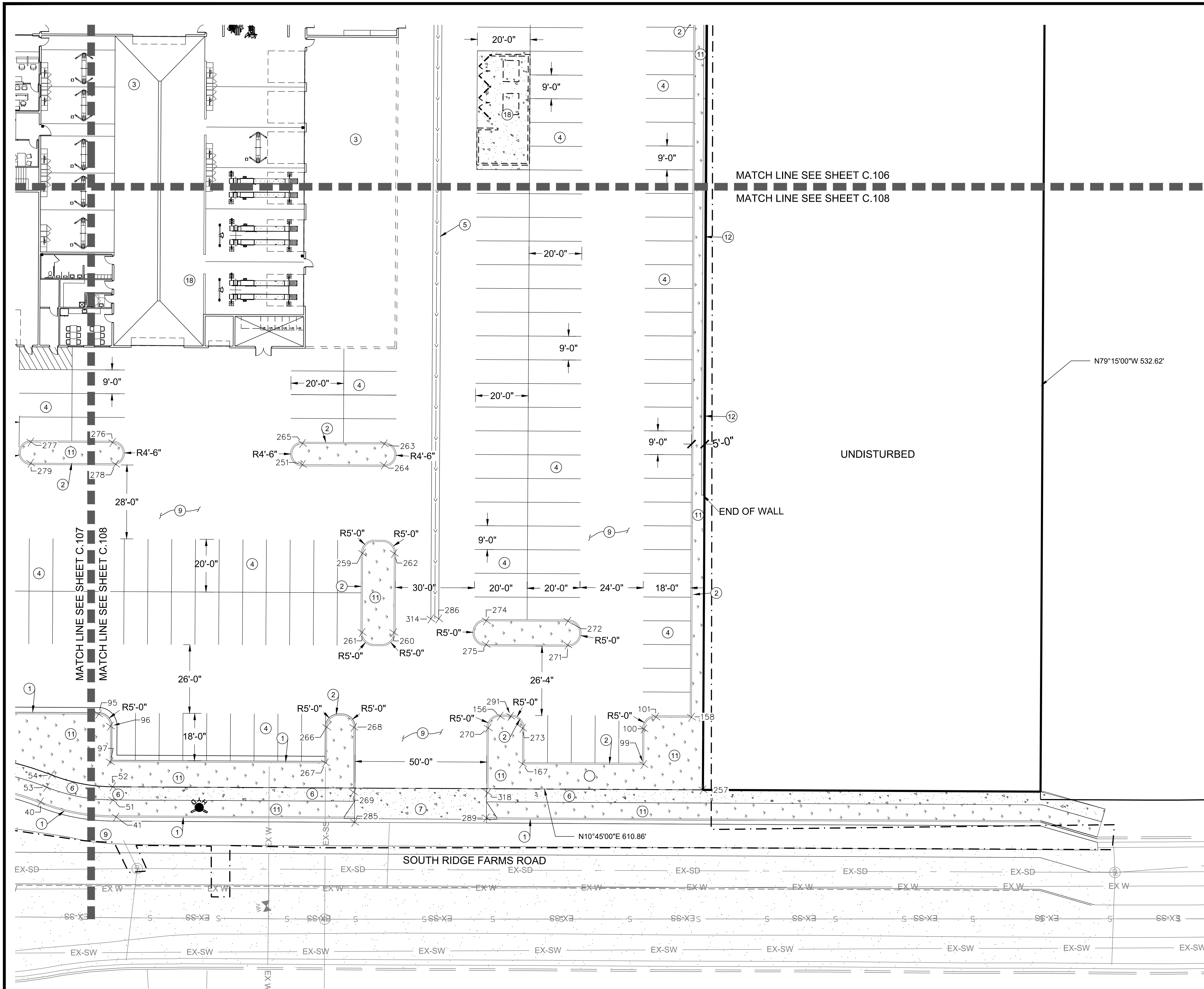
PROFESSIONAL ENGINEER
10/27/22
No. 362118
Bradley S. Gilson
SANTAQUIN, UTAH

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

DATE	REVISIONS
OCTOBER 22	REVISIONS
DESIGNED BY	BY
CHECKED	BY
APPROVED	BY

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.

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

REV.	DATE	BY	COMMENTS
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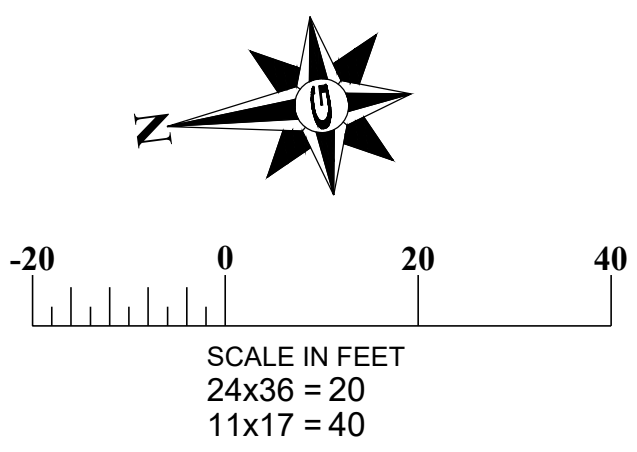
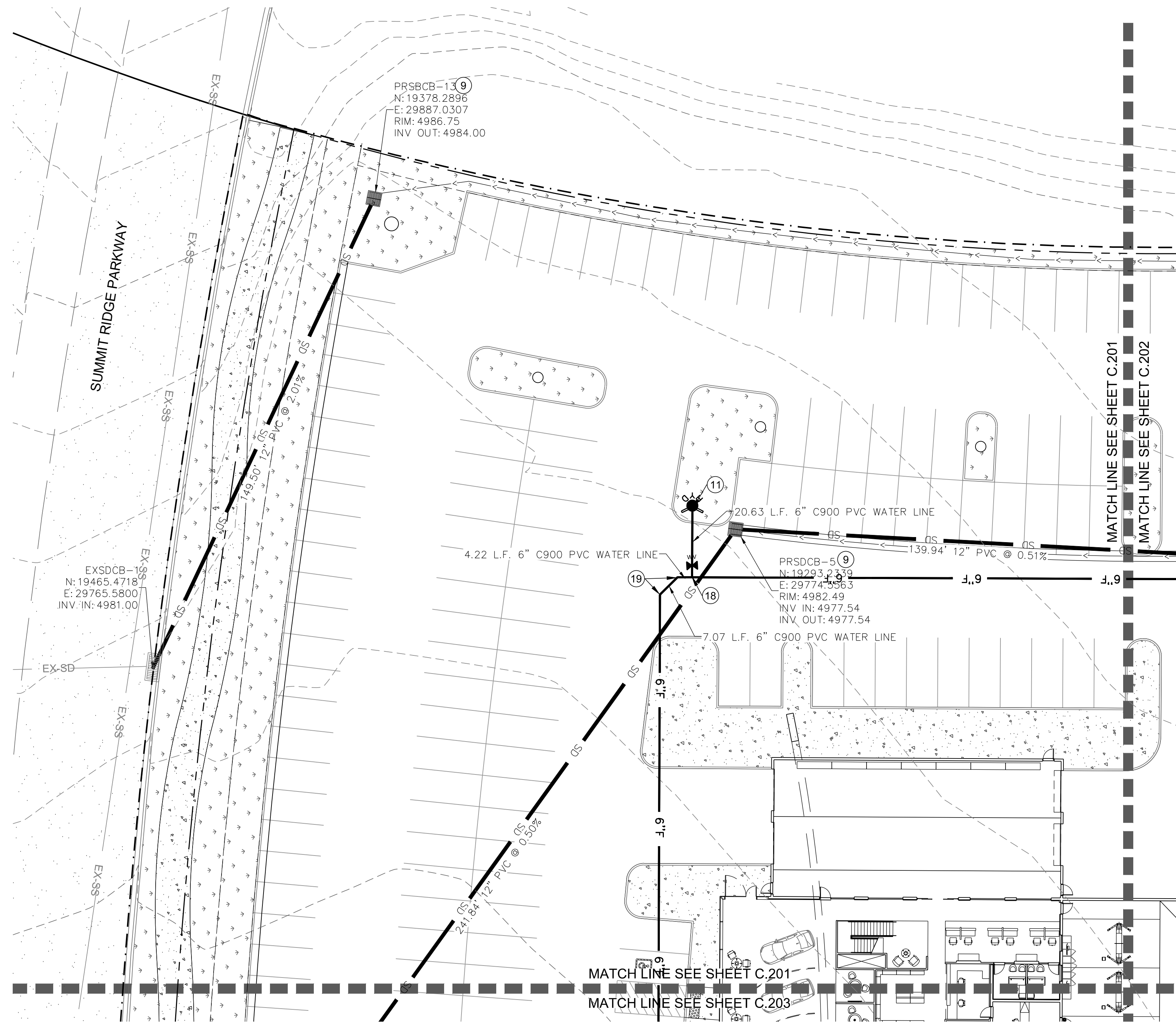
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OCTOBER 22	

DESIGNED/DRAWN BY: JAG
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.107



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

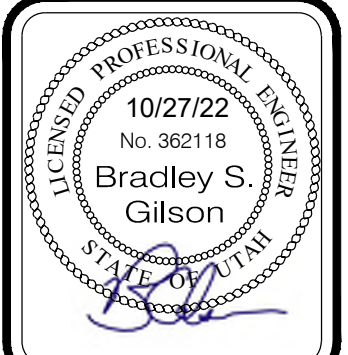
- 1) INSTALL SEWER LINE IN TRENCH PER DETAIL UT3 ON SHEET C.502.
- 2) INSTALL SEWER MANHOLE PER DETAIL S1 ON SHEET C.502.
- 3) INSTALL WATER LINE IN TRENCH PER DETAIL UT3 ON SHEET C.503
- 4) INSTALL 4" SEWER LATERAL @ 2% PER DETAIL S2 ON SHEET C.502
- 5) INSTALL 4" WATER METER SERVICE CONNECTION PER DETAIL W3 SHEET D.503
- 6) INSTALL SINGLE IRRIGATION LATERAL PER DETAIL W1 SHEET C.503
- 7) INSTALL SDMH PER SANTAQUIN CITY STANDARD DETAIL SD2 SHEET C.503
- 8) INSTALL 4' CURB DROP INLET BOX PER SANTAQUIN CITY STANDARD DETAIL SD1 SHEET C.503
- 9) INSTALL 4X4 CATCH BASIN PER DETAIL 315.1 SHEET C.503
- 10) INSTALL 12" SDR 35 PVC STORM DRAIN PIPE
- 11) INSTALL FIRE HYDRANT PER SANTAQUIN CITY STANDARD DETAIL SHEET C.504
- 12) INSTALL SAND/OIL SEPERATOR PER DETAIL S5, SHEET C.502
- 13) UNDERGROUND STORM TECH CHAMBER SYSTEM. SHEET C.505 & C.506
- 14) INSTALL STORMTECH INSPECTION PORTS. SEE DETAIL SHEET C.505
- 15) CONNECT TO EXISTING UTILITY STUB. CONTRACTOR TO VERIFY STUB LOCATION.
- 16) INSTALL WL TEE WITH THRUST BLOCKS PER APWA STD 562. SEE DETAIL SHEET 507.
- 17) INSTALL 8" SANITARY SEWER LATERAL
- 18) INSTALL 6" TEE AND THRUST BLOCKING PER APWA STANDARD PLAN 561 SEE SHEET C.507
- 19) INSTALL 6" 45° BEND AND THRUST BLOCKING PER APWA STANDARD PLAN 561 SEE SHEET C.507
- 20) INSTALL 6"x6" CROSS AND THRUST BLOCKING PER APWA STANDARD PLAN 561 SEE SHEET C.507

GENERAL NOTES

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REV.	DATE	BY	COMMENTS
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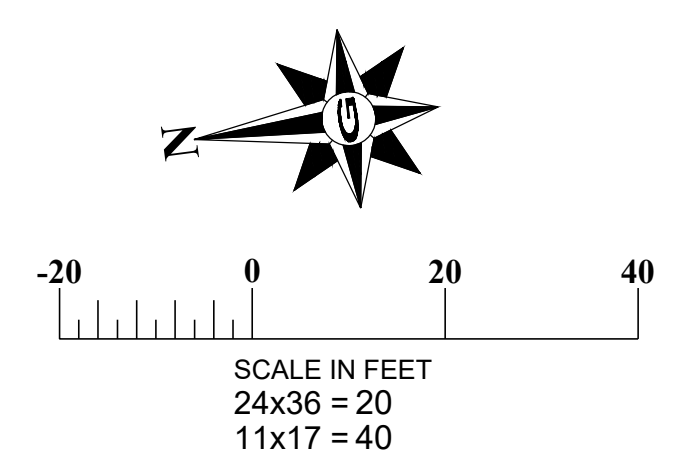
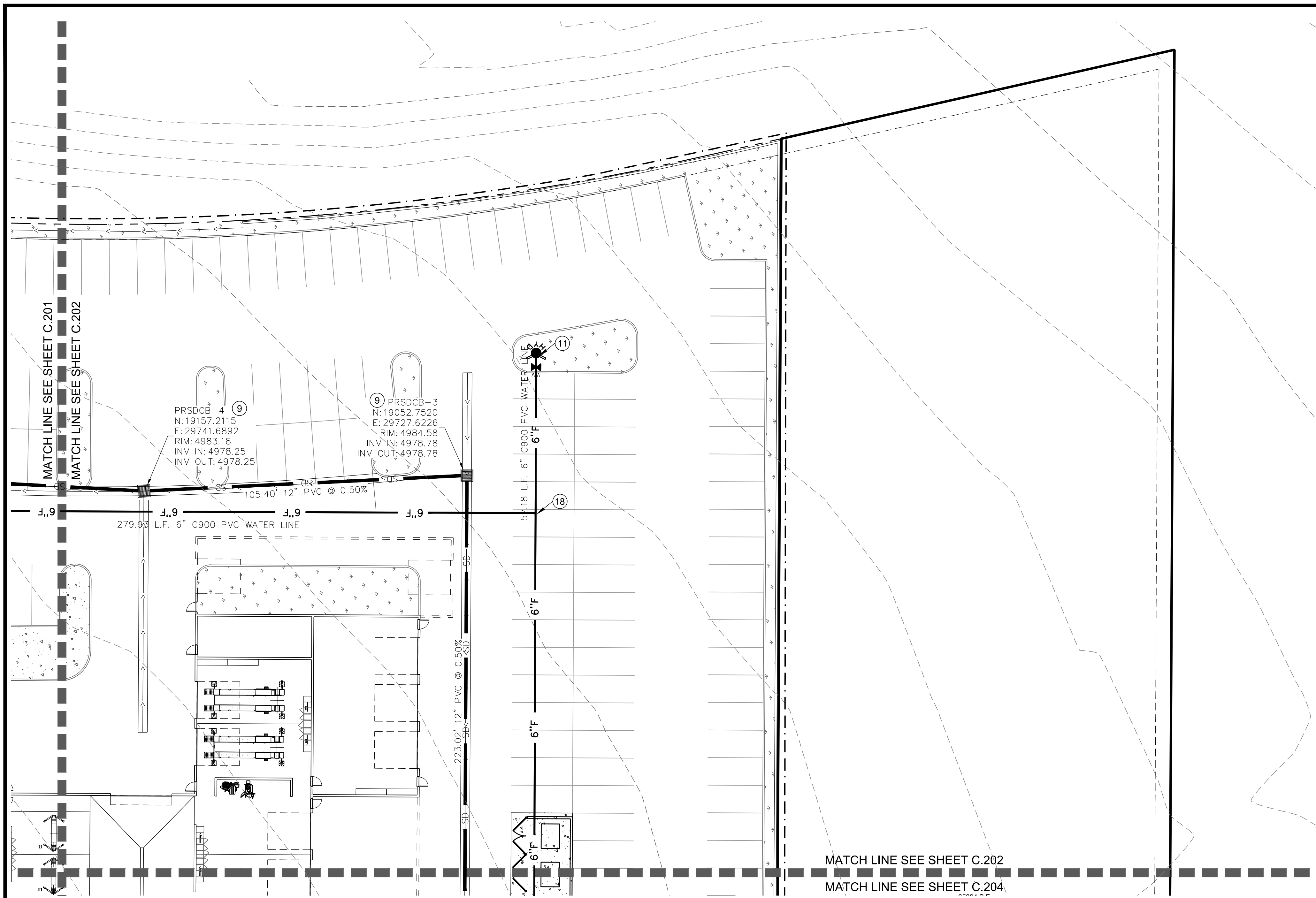
DESIGNED/DRAWN BY:	CHECKED:	APPROVED:
JAG	JAG	[Signature]

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

REVISION: **A**

PROJ. **NCC.010**

C.201



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

1. INSTALL SEWER LINE IN TRENCH PER DETAIL UT3 ON SHEET C.502.
2. INSTALL SEWER MANHOLE PER DETAIL S1 ON SHEET C.502.
3. INSTALL WATER LINE IN TRENCH PER DETAIL UT3 ON SHEET C.503.
4. INSTALL 4" SEWER LATERAL @ 2% PER DETAIL S2 ON SHEET C.502.
5. INSTALL 4" WATER METER SERVICE CONNECTION PER DETAIL W3 SHEET D.503.
6. INSTALL SINGLE IRRIGATION LATERAL PER DETAIL W1 SHEET C.503.
7. INSTALL SDMH PER SANTAQUIN CITY STANDARD DETAIL SD2 SHEET C.503.
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13. UNDERGROUND STORM TECH CHAMBER SYSTEM. SHEET C.505 & C.506
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CALL BEFORE YOU DIG.
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1-800-662-4111
208-2100
SALT LAKE CITY, UT 84119

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

10/27/22
No. 362118
Bradley S. Gilson
Professional Engineer
No. 10001

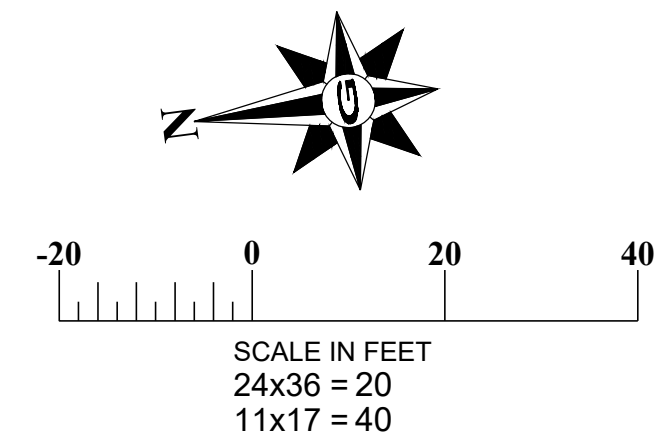
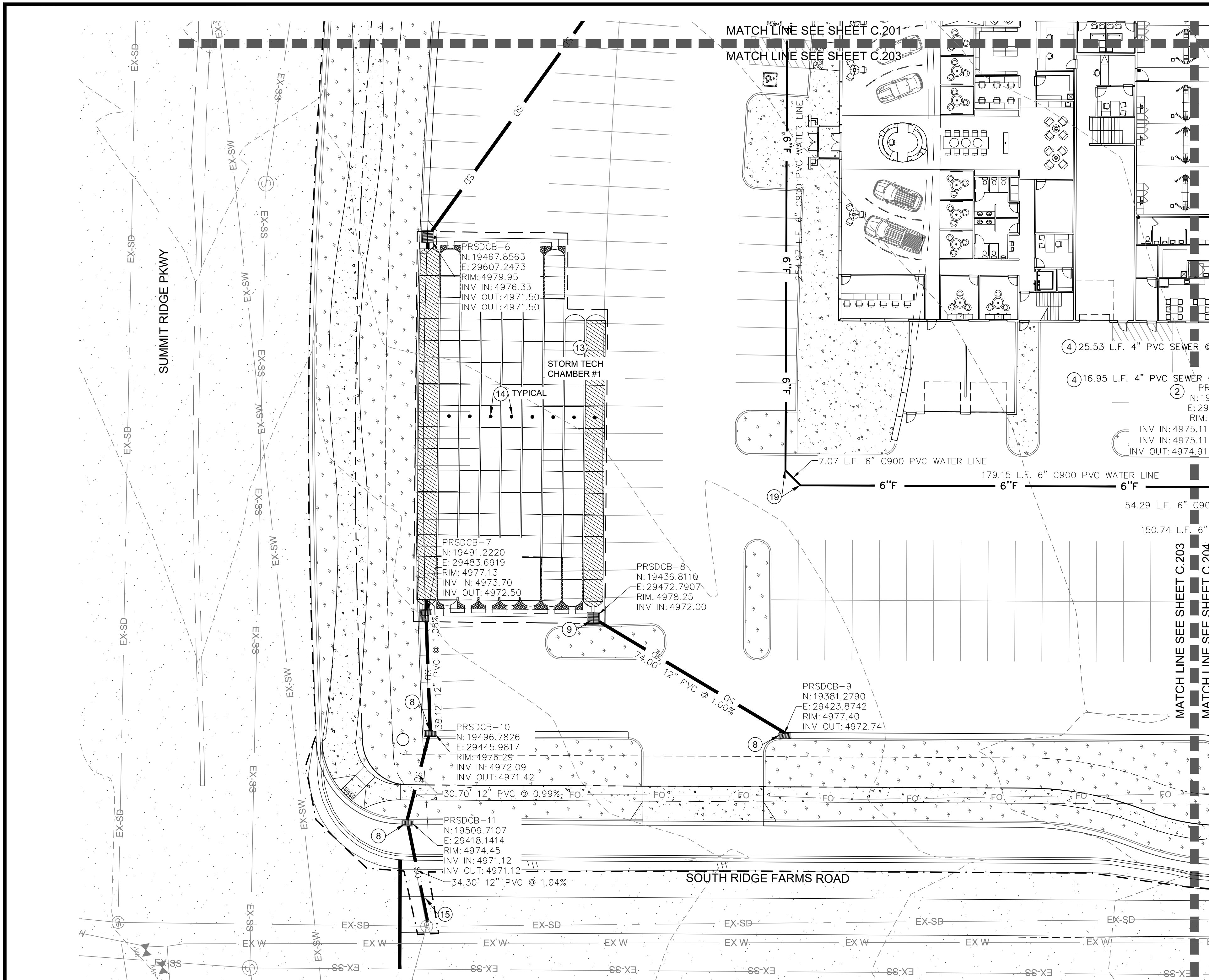
REV.	DATE	BY	COMMENTS

DATE: OCTOBER 22	DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG
DESIGNED/DRAWN BY: JAG	CHECKED: JAG	APPROVED: JAG	

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.202



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

- 1) INSTALL SEWER LINE IN TRENCH PER DETAIL UT3 ON SHEET C.502.
- 2) INSTALL SEWER MANHOLE PER DETAIL S1 ON SHEET C.502.
- 3) INSTALL WATER LINE IN TRENCH PER DETAIL UT3 ON SHEET C.503
- 4) INSTALL 4" SEWER LATERAL @ 2% PER DETAIL S2 ON SHEET C.502
- 5) INSTALL 4" WATER METER SERVICE CONNECTION PER DETAIL W3 SHEET D.503
- 6) INSTALL SINGLE IRRIGATION LATERAL PER DETAIL W1 SHEET C.503
- 7) INSTALL SDMH PER SANTAQUIN CITY STANDARD DETAIL SD2 SHEET C.503
- 8) INSTALL 4' CURB DROP INLET BOX PER SANTAQUIN CITY STANDARD DETAIL SD1 SHEET C.503
- 9) INSTALL 4X4 CATCH BASIN PER DETAIL 315.1 SHEET C.503
- 10) INSTALL 12" SDR 35 PVC STORM DRAIN PIPE
- 11) INSTALL FIRE HYDRANT PER SANTAQUIN CITY STANDARD DETAIL SHEET C.504
- 12) INSTALL SAND/OIL SEPERATOR PER DETAIL S5, SHEET C.502
- 13) UNDERGROUND STORM TECH CHAMBER SYSTEM. SHEET C.505 & C.506
- 14) INSTALL STORMTECH INSPECTION PORTS. SEE DETAIL SHEET C.505
- 15) CONNECT TO EXISTING UTILITY STUB. CONTRACTOR TO VERIFY STUB LOCATION.
- 16) INSTALL WL TEE WITH THRUST BLOCKS PER APWA STD 562. SEE DETAIL SHEET 507.
- 17) INSTALL 8" SANITARY SEWER LATERAL
- 18) INSTALL 6" TEE AND THRUST BLOCKING PER APWA STANDARD PLAN 561 SEE SHEET C.507
- 19) INSTALL 6" 45' BEND AND THRUST BLOCKING PER APWA STANDARD PLAN 561 SEE SHEET C.507
- 20) INSTALL 6"x6" CROSS AND THRUST BLOCKING PER APWA STANDARD PLAN 561 SEE SHEET C.507

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

GENERAL NOTES

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

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 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

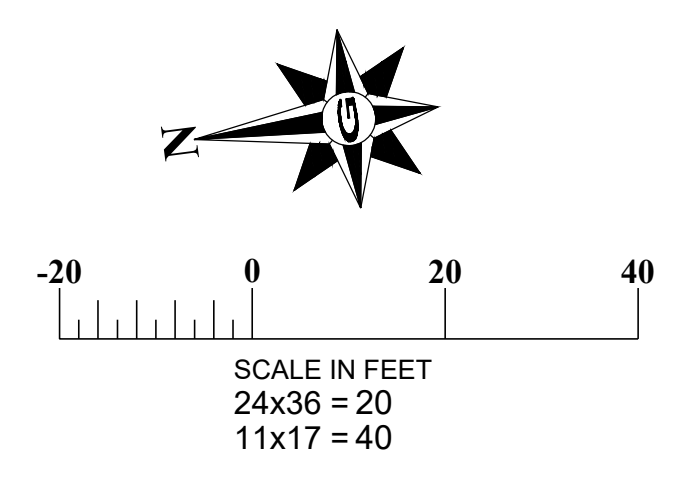
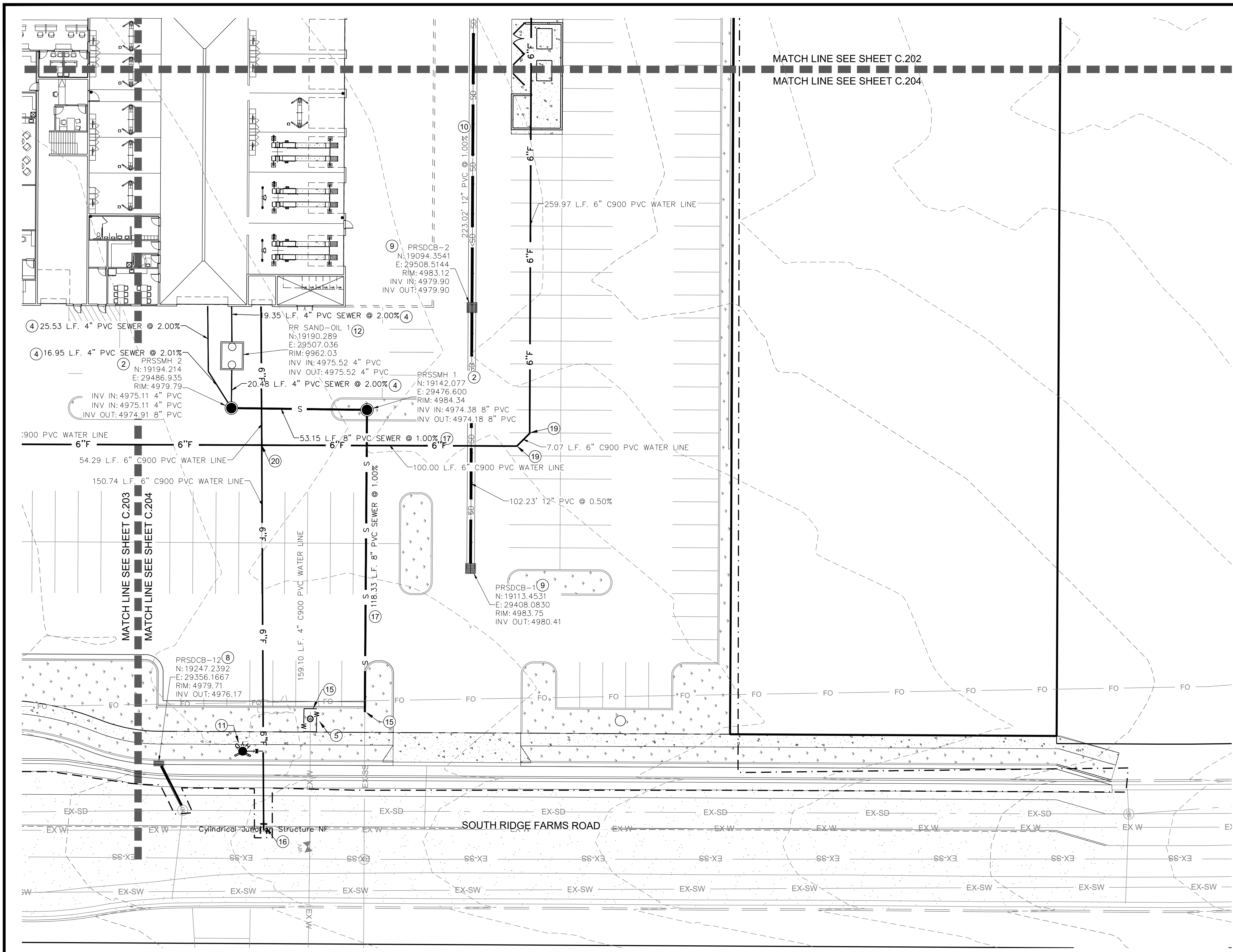
DESIGNED BY:	JAG
CHECKED BY:	JAG
APPROVED BY:	

DATE:	OCTOBER 22
SCALE:	AS SHOWN
PROJECT:	

SCALE MEASURES 1" ON FULL SIZE SHEET	ADJUST FOR HALF SIZE SHEET
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UTILITY PLAN
 MURDOCK FORD SANTAQUIN
 985 WEST SUMMIT RIDGE PKWY
 SANTAQUIN, UTAH

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



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

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

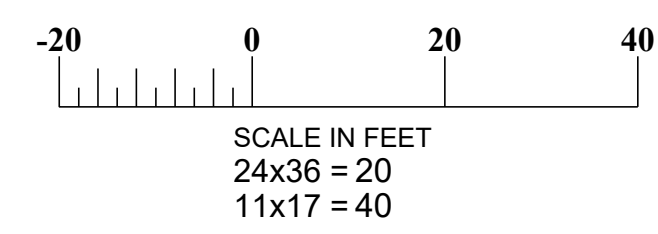
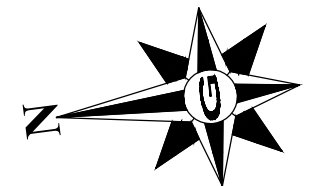
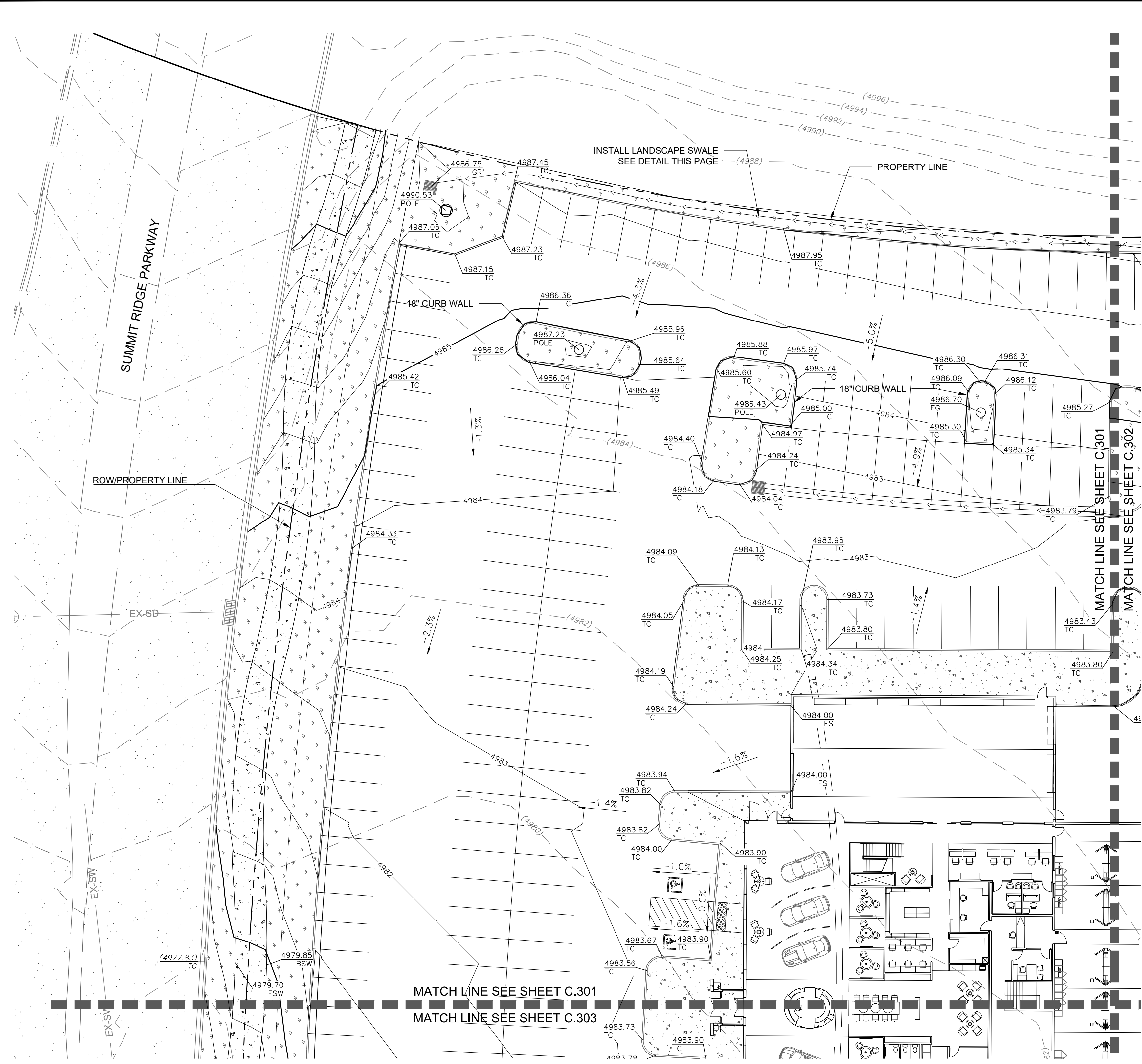
REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	

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

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

REVISION: **A**
PROJ.: **NCC.010**
C.204



GRADING GENERAL NOTES

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CONTRACTOR TO BECOME FAMILIAR WITH SOIL CONDITIONS

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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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LP = LOW POINT	-----	
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MATCH = MATCH EXISTING	-----	
FG = FINISH GRADE	-----	
TOW = TOP OF WALL	-----	

SITE STATISTICS

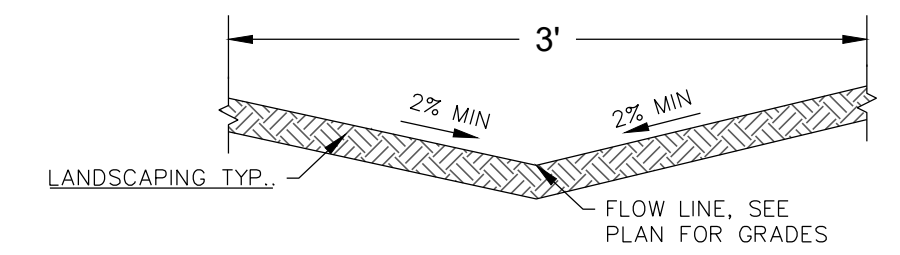
CUT: 13,333 CY
 FILL: 7,827 CY
 NET CUT: 5,506 CY
 FFE: 4984.00

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DRAINAGE SWALE IN LANDSCAPE AREA

N.T.S.

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 Consulting Engineers & Surveyors
 12401 SOUTH 480 EAST BUILDING C UNIT 2, DRAAPER, 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

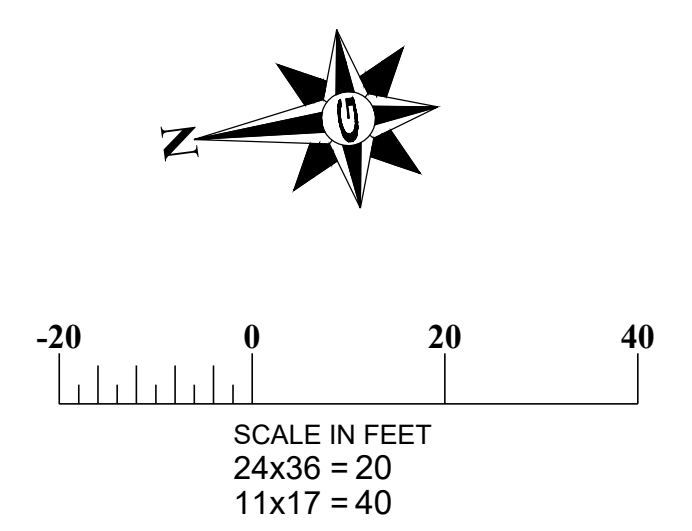
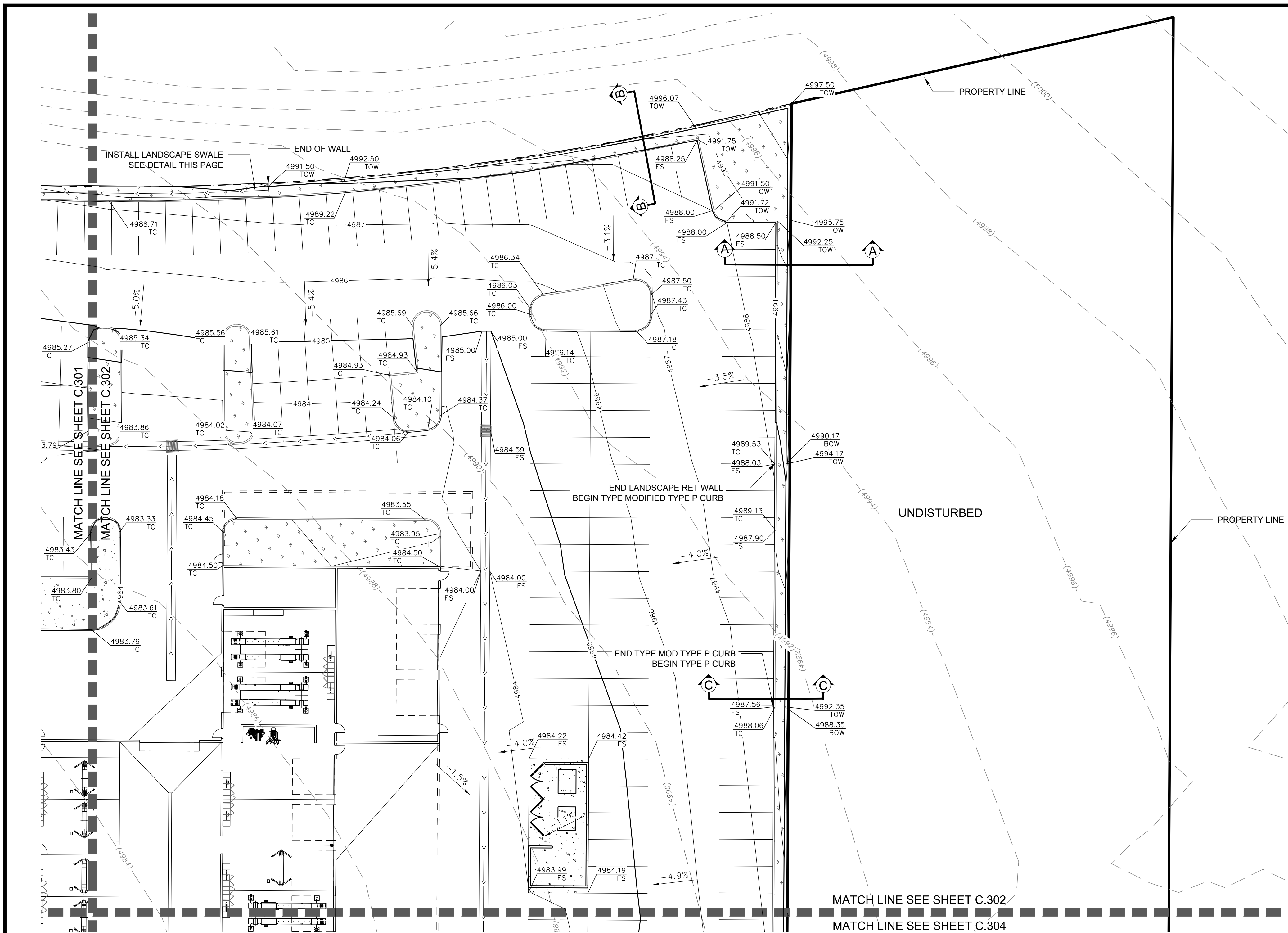
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DATE: OCTOBER 22	SCALE: 1" = 40'	SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET

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

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

C.301

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 1-800-662-4111
 208-2100
 200 WEST 700 SOUTH, SUITE 101
 SALT LAKE CITY, UTAH 84101



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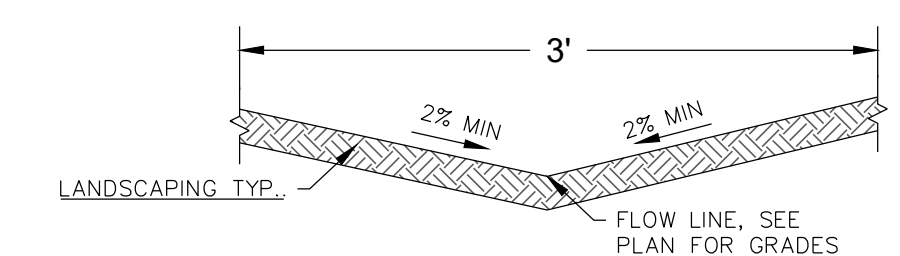
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BSW = BACK OF SIDEWALK	XX.XX	PROPOSED GRADE
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SITE STATISTICS

CUT: 13,333 CY
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DRAINAGE SWALE IN LANDSCAPE AREA

N.T.S.

GENERAL NOTES

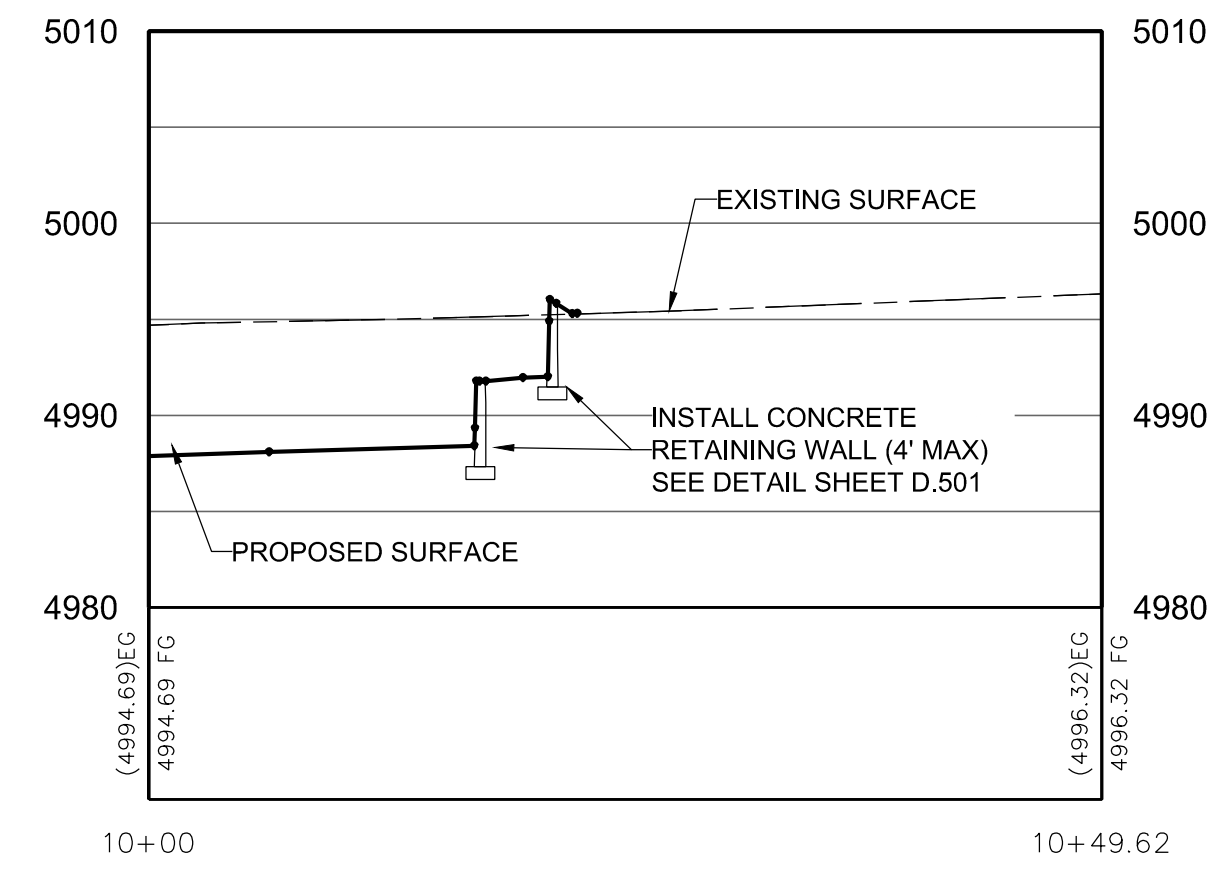
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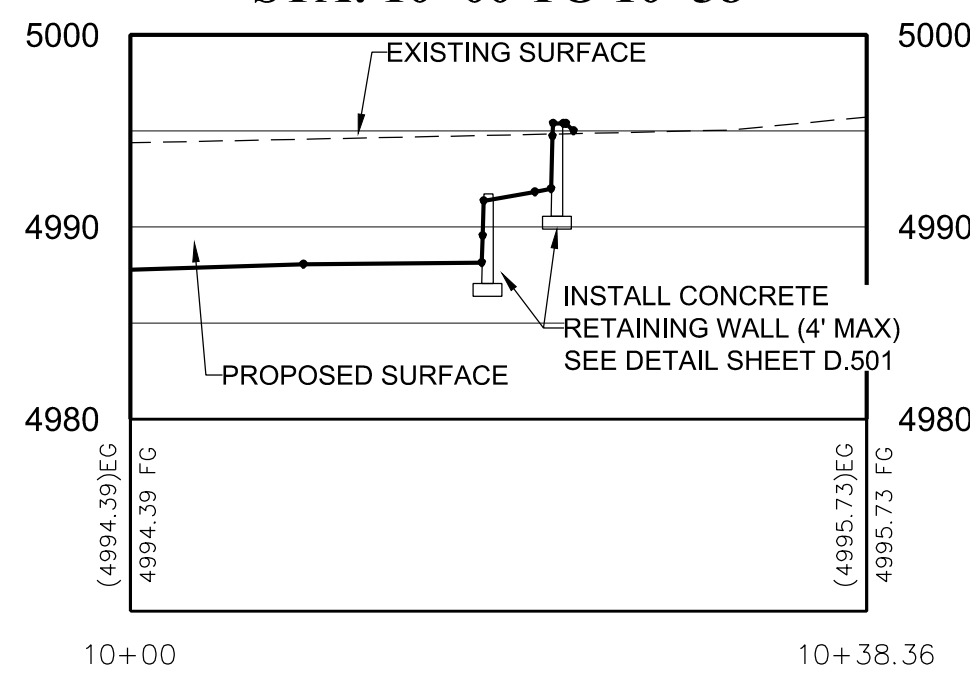
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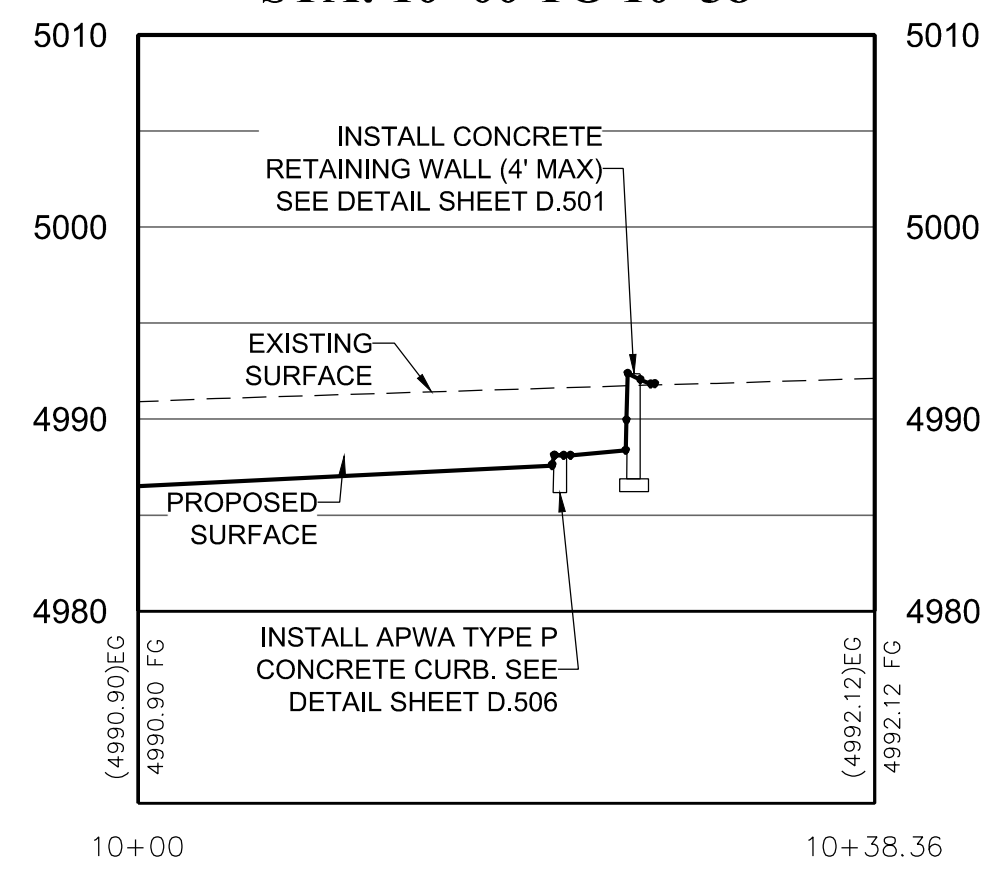
SECTION A
STA: 10+00 TO 10+50



SECTION B
STA: 10+00 TO 10+38



SECTION C
STA: 10+00 TO 10+38



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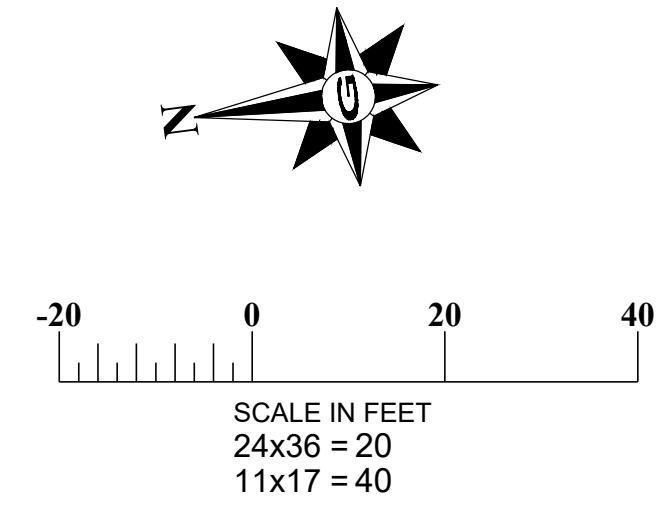
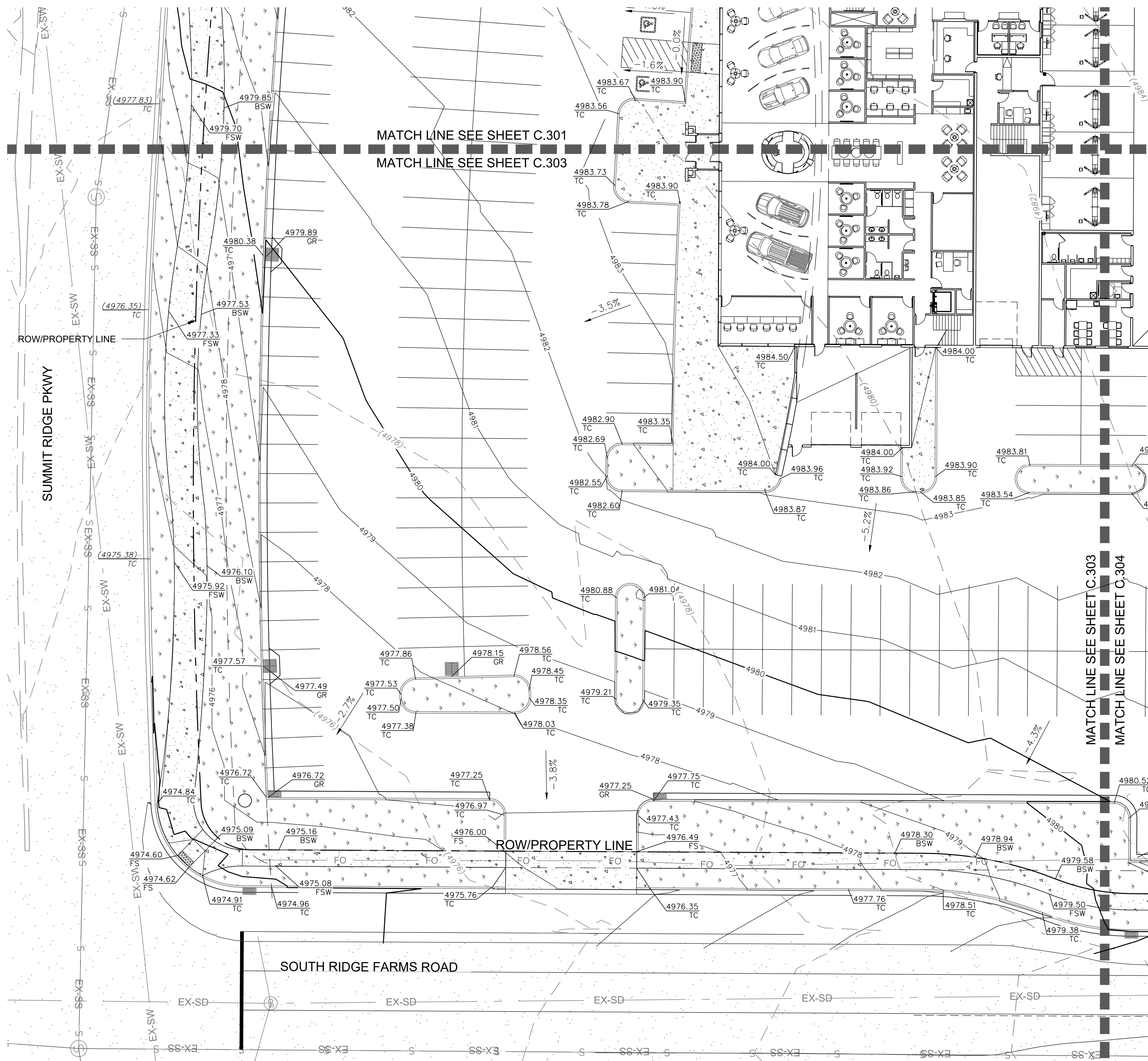
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GRADING PLAN
 MURDOCK FORD SANTAQUIN
 985 WEST SUMMIT RIDGE PKWY
 SANTAQUIN, UTAH

REVISION: **A**

PROJ. NO. **NCC.010**

C.302



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FL = FLOW LINE	-----	RIGHT-OF-WAY/PROPERTY LINE
FS = FINISH SURFACE	-----	CENTERLINE
GB = GRADE BREAK	-----	EXISTING CURB, GUTTER & SIDEWALK
HP = HIGH POINT	-----	EXISTING STRUCTURE
EQ = EXISTING GRADE	-----	PROPOSED CONTOUR
LP = LOW POINT	-----	
GR = STORM INLET GRATE		
BS = BOTTOM OF STAIRS		
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

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 SALT LAKE 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 SALT LAKE CITY CODES, ORDINANCES AND STANDARDS.
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DISCLAIMER NOTE

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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

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

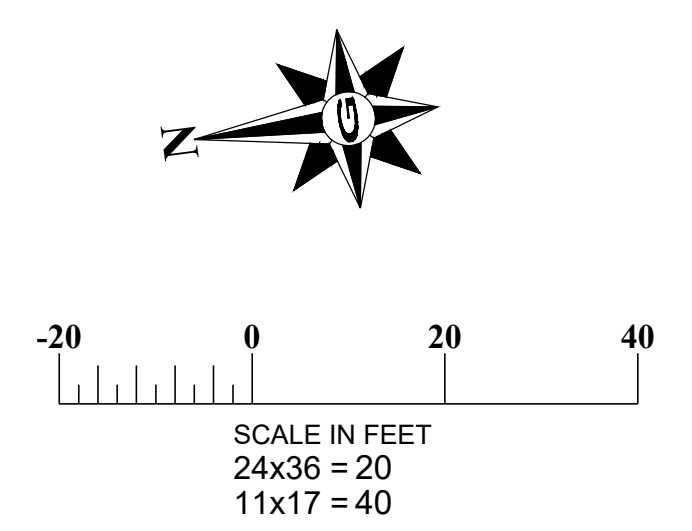
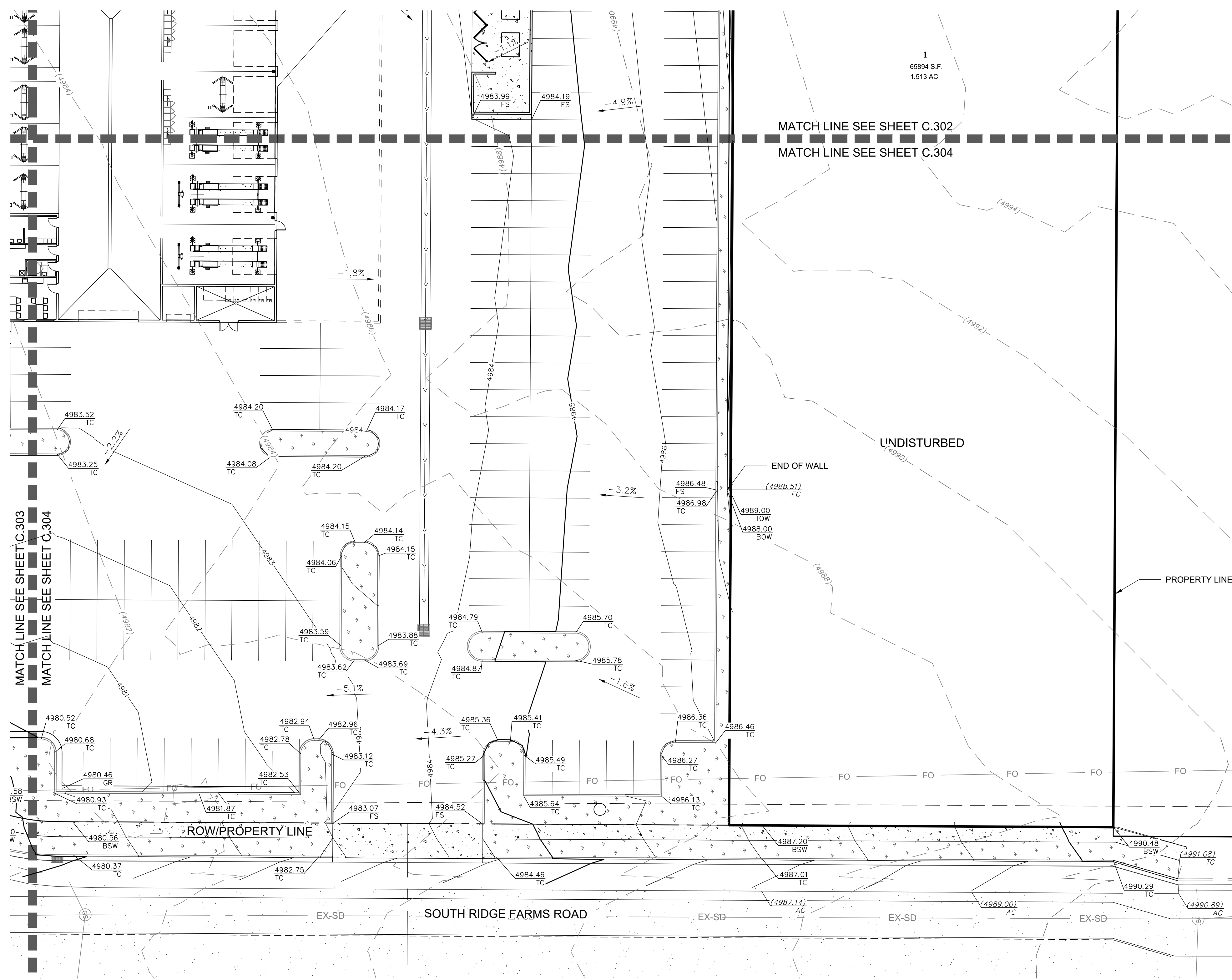
PROFESSIONAL ENGINEER
 LICENSE NO. 1027122
 No. 362118
Bradley S Gilson
 SALT LAKE CITY, UTAH

REV	DATE	BY	COMMENTS

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

GRADING PLAN
 MURDOCK FORD SNTAQUIN
 985 WEST SUMMIT RIDGE PKWY
 SNTAQUIN, UTAH

REVISION: **A**
 PROJ: **NCC.010**
C.303



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.

ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.

ALL DOORWAY LANDING SHALL BE ADA COMPLIANT

LEGEND AND ABBREVIATIONS

TC = TOP OF CURB	AC = ASPHALT AND CONCRETE	FF = FINISH FLOOR	FL = FLOW LINE	FS = FINISH SURFACE	GB = GRADE BREAK	HP = HIGH POINT	EG = EXISTING GRADE	LP = LOW POINT	GR = STORM INLET GRATE	BS = BOTTOM OF STAIRS	TS = TOP OF STAIRS	MATCH = MATCH EXISTING	FO = FINISH GRADE	TOW = TOP OF WALL			
X.XX%	(XXX.XX) AC	XX.XX TC	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)	(XXXX)			
DIRECTION OF FLOW & SLOPE		EXISTING GRADE		PROPOSED GRADE		EXISTING CONTOUR		RIGHT-OF-WAY/PROPERTY LINE		CENTERLINE		EXISTING CURB, GUTTER & SIDEWALK		EXISTING STRUCTURE		PROPOSED CONTOUR	

SITE STATISTICS

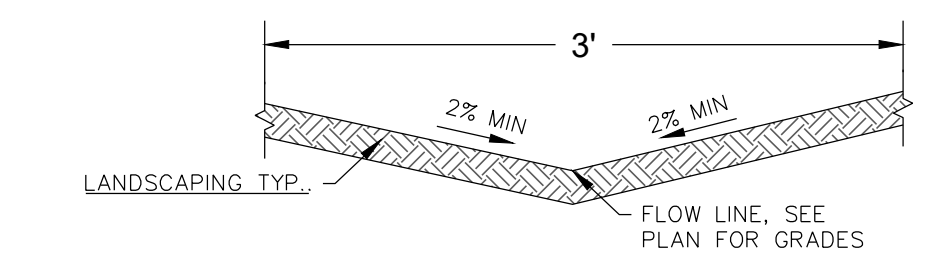
CUT: 13,333 CY
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DRAINAGE SWALE IN LANDSCAPE AREA

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 COUNTY, UTAH

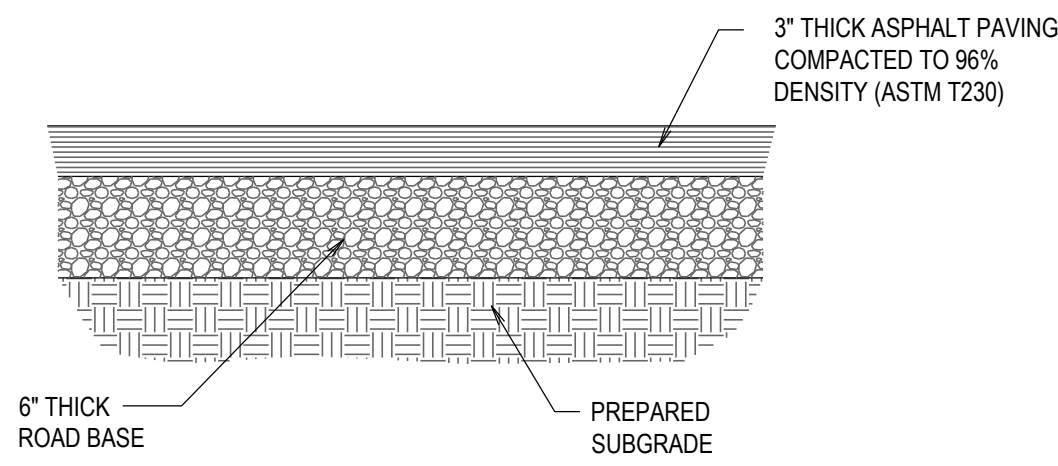
REVISIONS
 REV. DATE BY COMMENTS
 A 10/20/22 JAG

DATE: OCTOBER 22
 DRAWING NAME: C-304 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.304

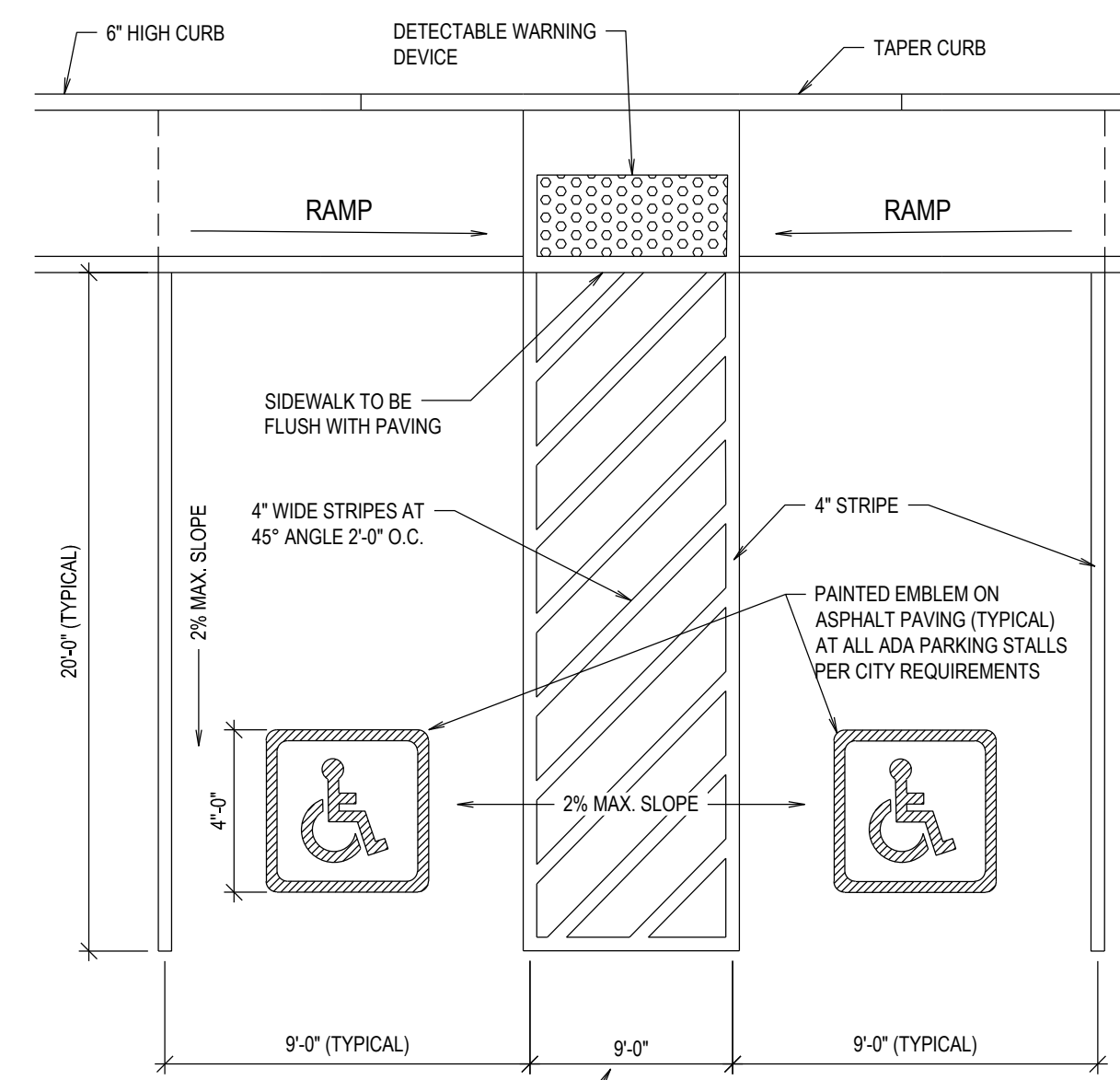
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 200 WEST 700 SOUTH, SUITE 101
 SALT LAKE CITY, UTAH 84101



- 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

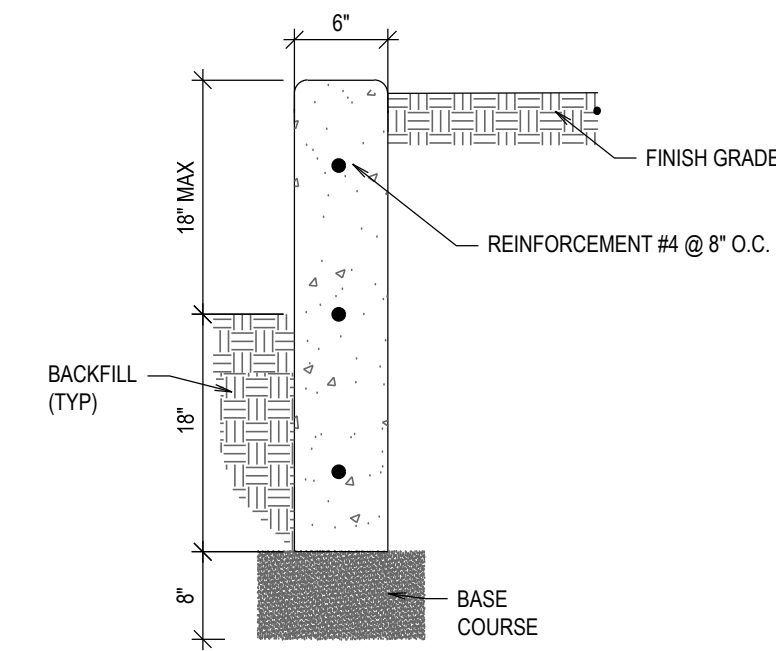
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B ACCESSIBLE PARKING

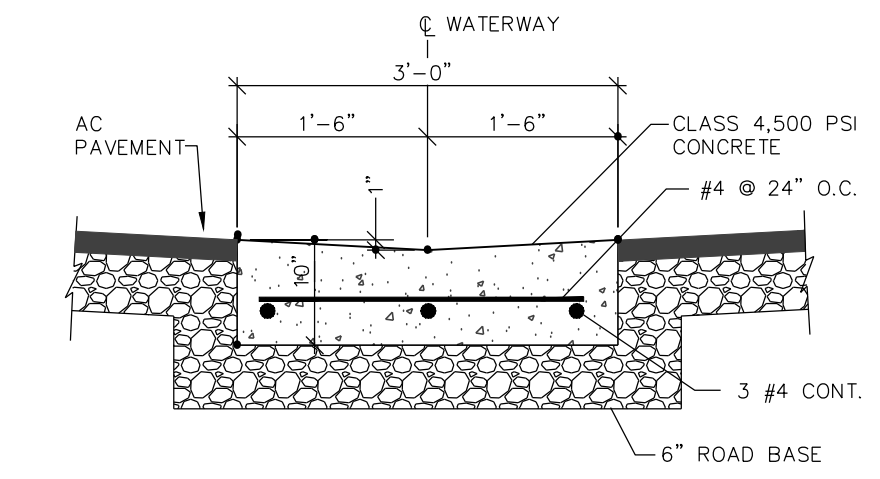
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ACCESS AISLES MIN. WIDTH 5' UNLESS NEXT TO A VAN ACCESSIBLE STALL THAT IS 9 FT IN WIDTH THE ACCESS AISLE MUST ALSO BE 9 FT IN WIDTH.



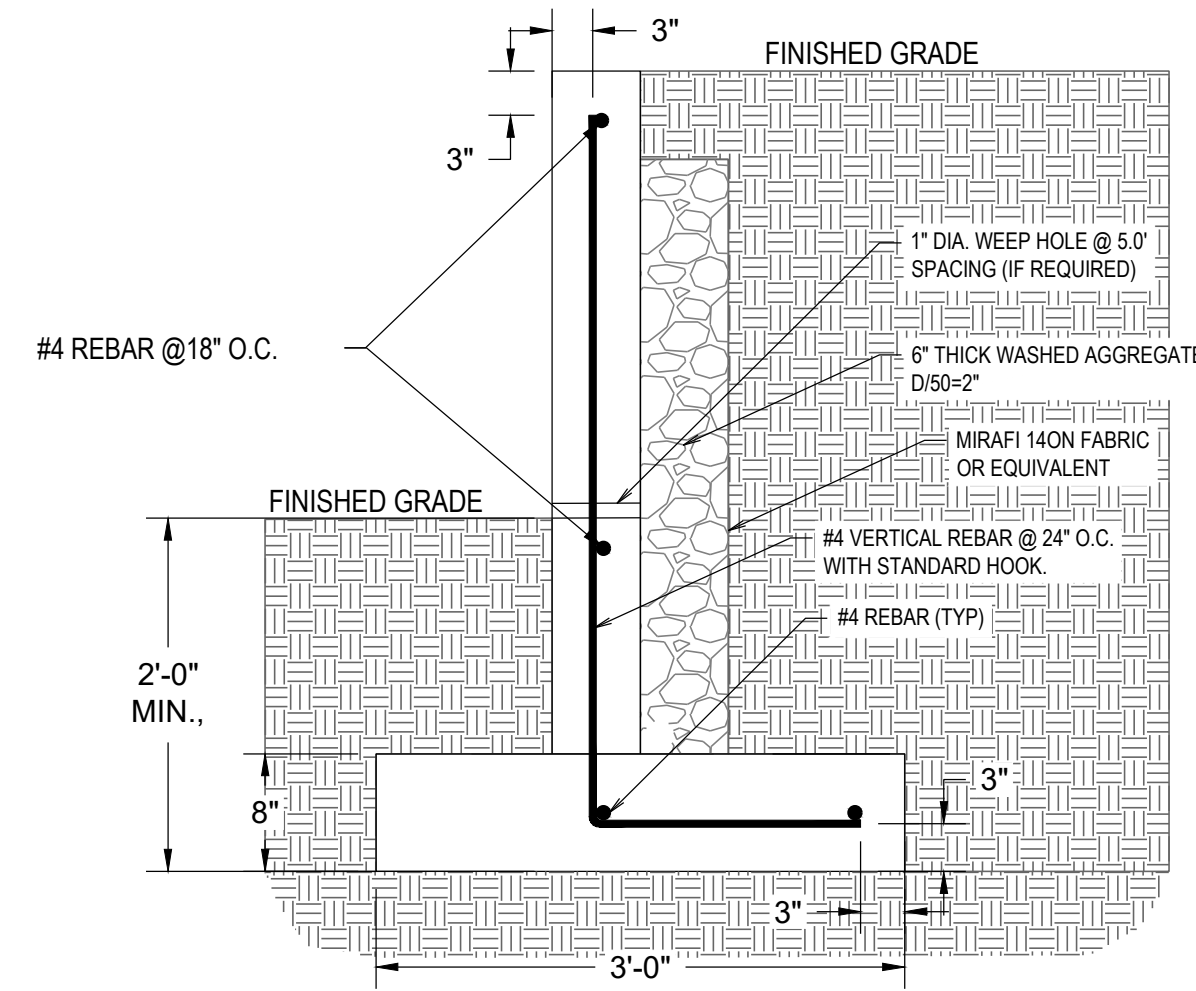
C APWA TYPE 'P' MODIFIED

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D 3' WATERWAY

SCALE: N.T.S.



CONCRETE WALL NOTES:

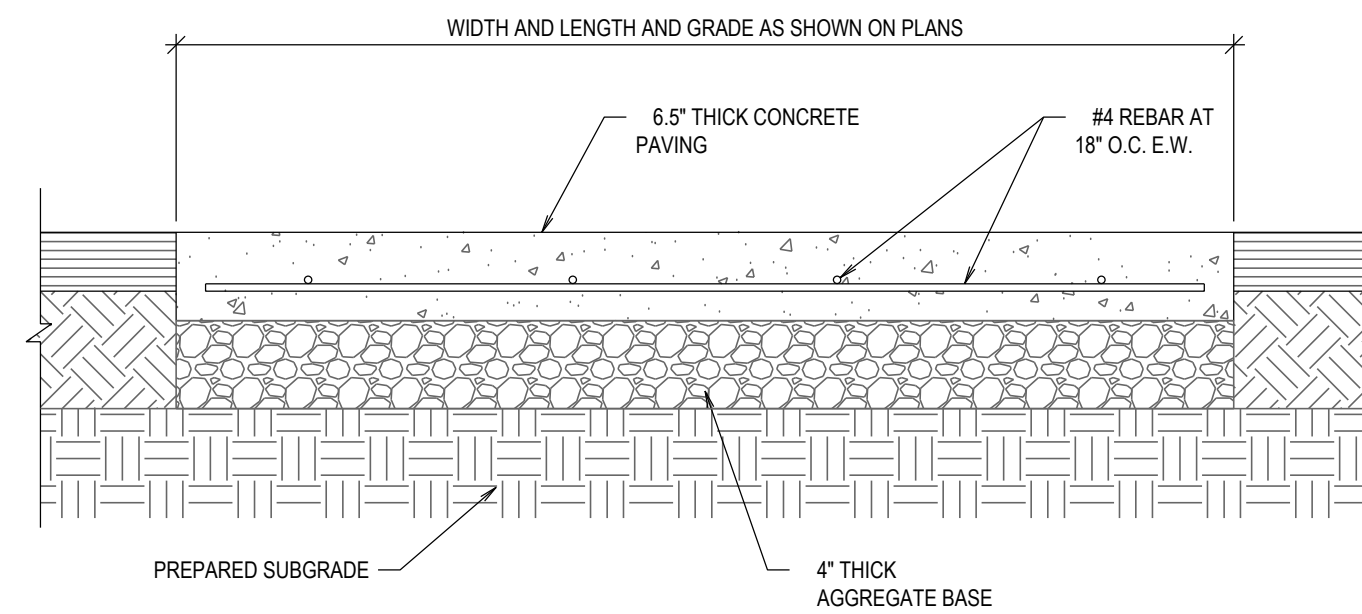
1. COMPLY WITH CURRENT UNIFORM BUILDING CODES AND STANDARDS.
2. PLACE FOOTING ON UNDISTURBED SOILS OR FILL COMPACTED TO 96% MAXIMUM DRY DENSITY (ASTM D698).
3. MAXIMUM WALL HEIGHT SHALL BE 4'-0" AT ANY LOCATION AS MEASURED FROM BOTTOM OF FOOTING.
4. BACKFILL SOILS SHOULD BE PLACED IN LOOSE LIFTS NOT 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.

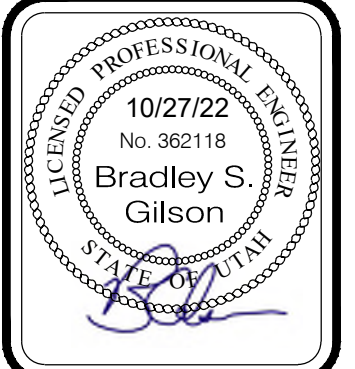
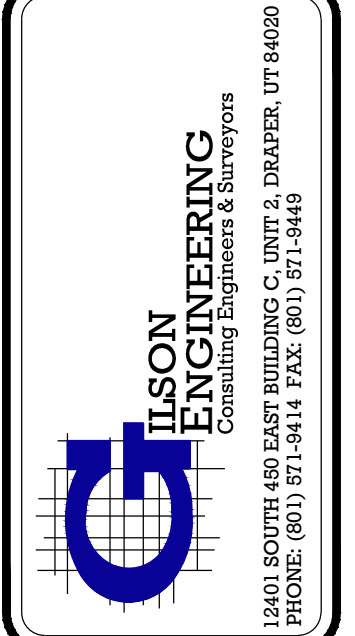


F DUMPSTER PAD SECTION

SCALE: N.T.S.

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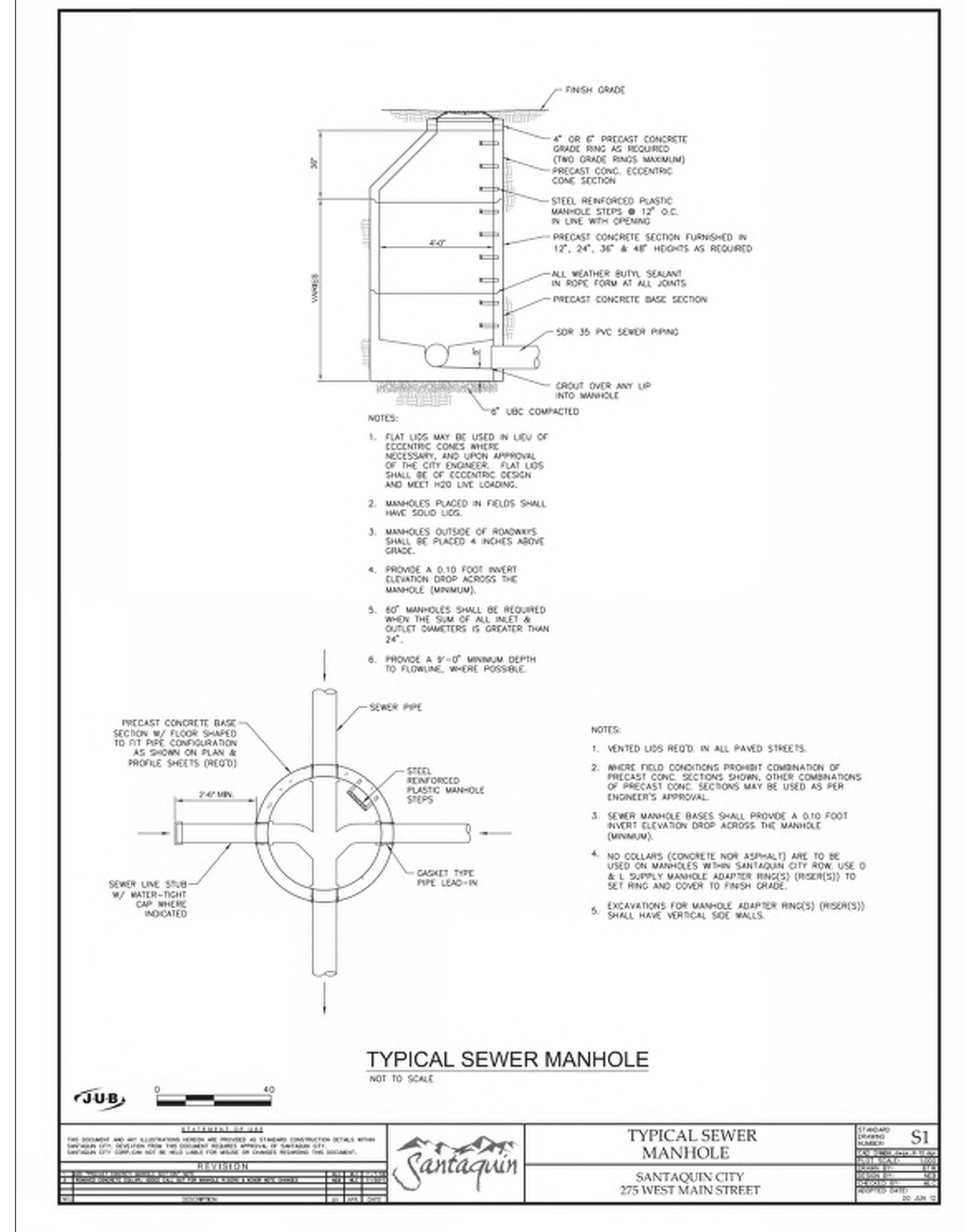
REV.	DATE	BY	COMMENTS
A	10/27/22	JAG	ISSUED FOR PERMIT

DESIGNED BY:	JAG
CHECKED BY:	JAG
APPROVED BY:	

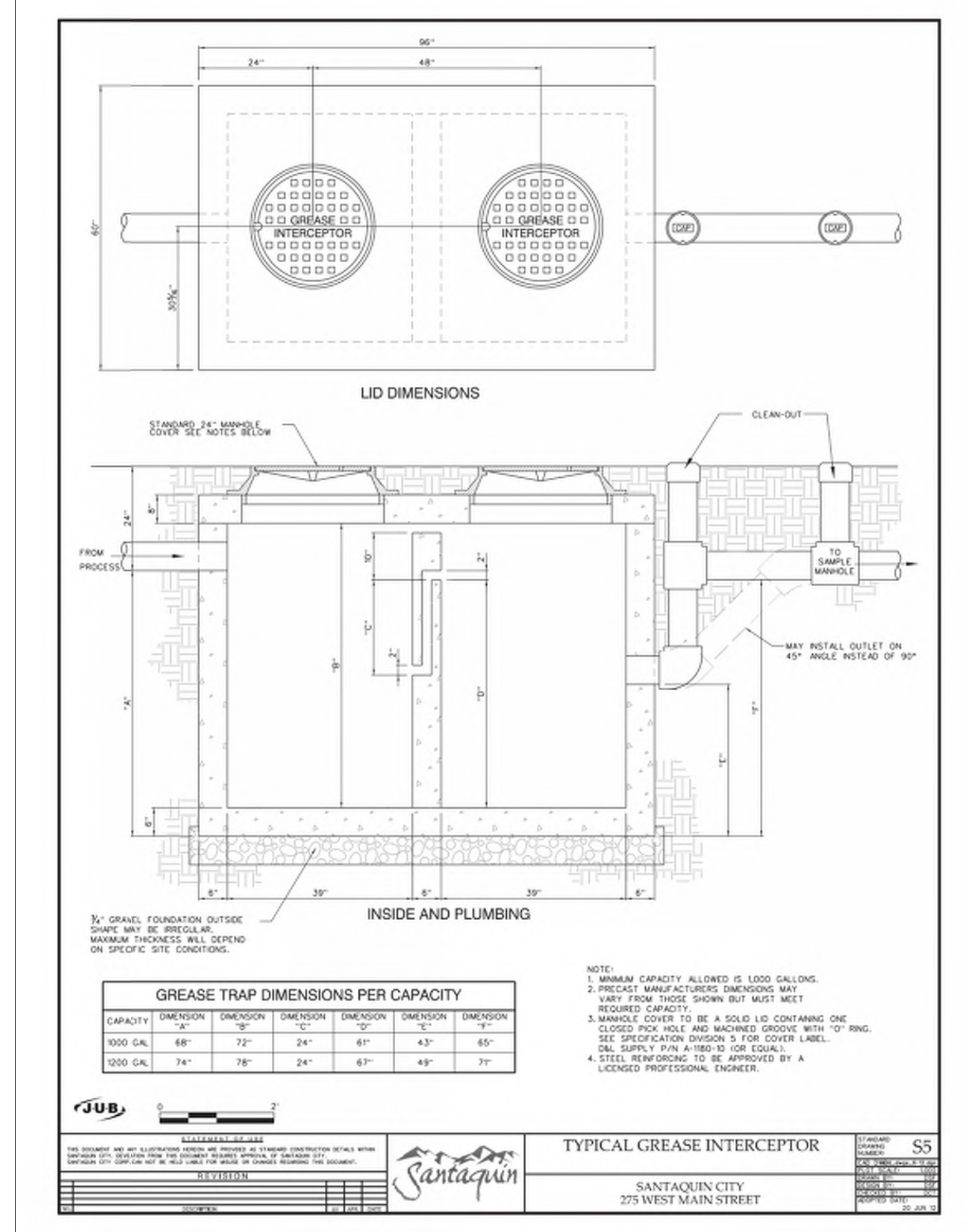
1" SCALE MEASURES 1" ON FULL SIZE SHEET
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DETAILS
MURDOCK FORD SANTAQUIN
985 WEST SUMMIT RIDGE PKWY
SANTAQUIN, UTAH

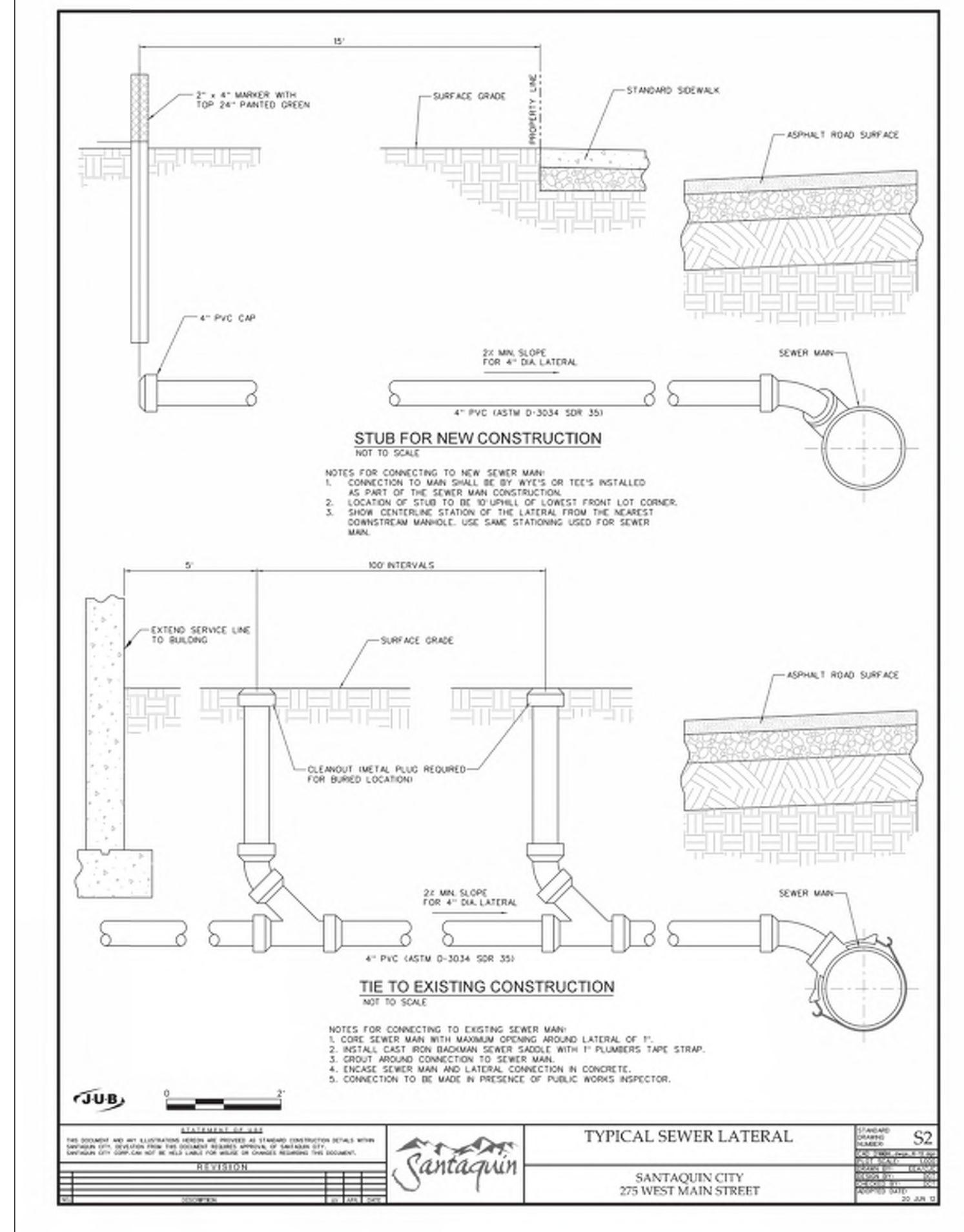
REVISION: **A**
PROJ. # **NCC.010**
C.501



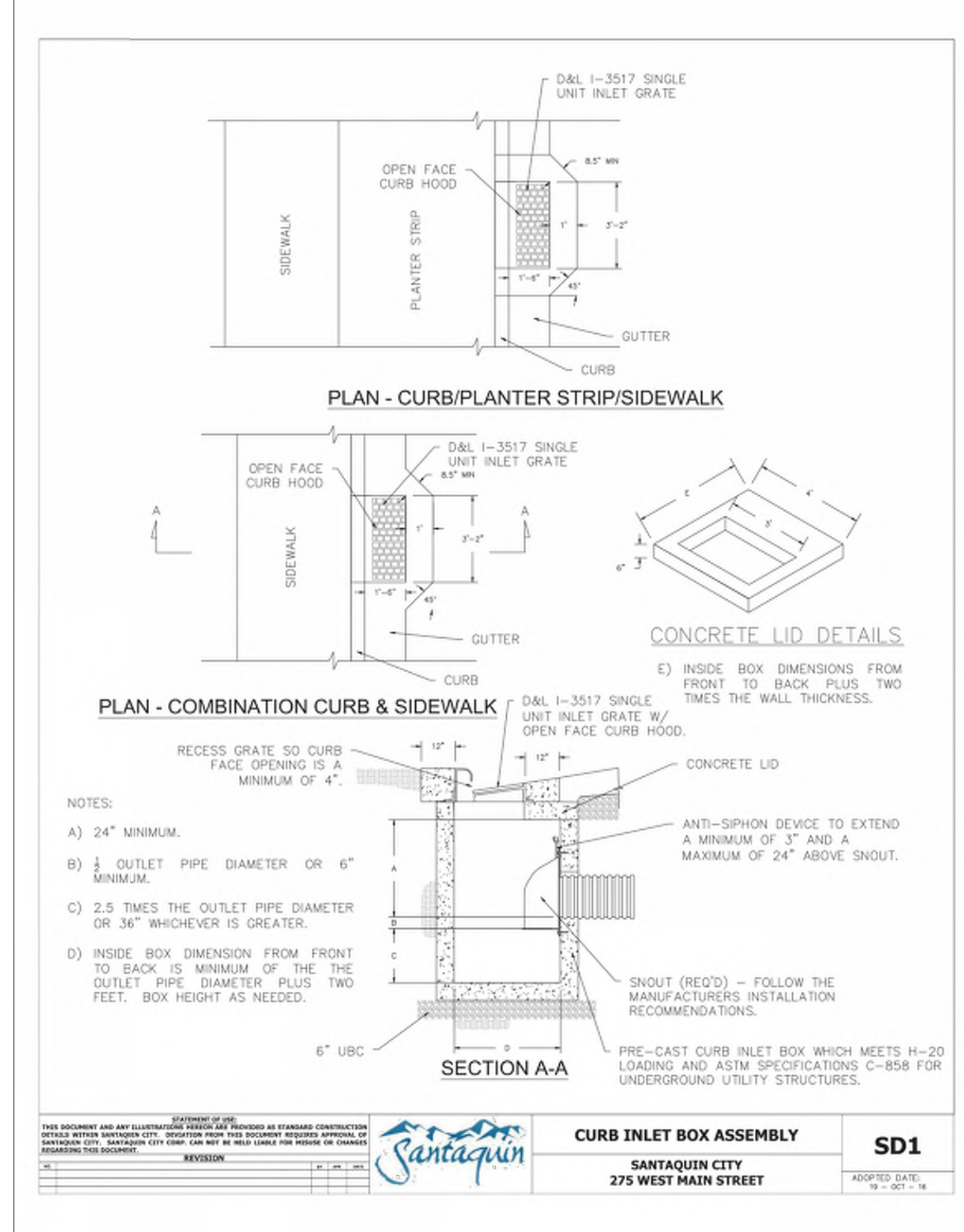
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DESIGNED BY: JAG	CHECKED BY: JAG
DRAWN BY: JAG	DATE: 10/27/22
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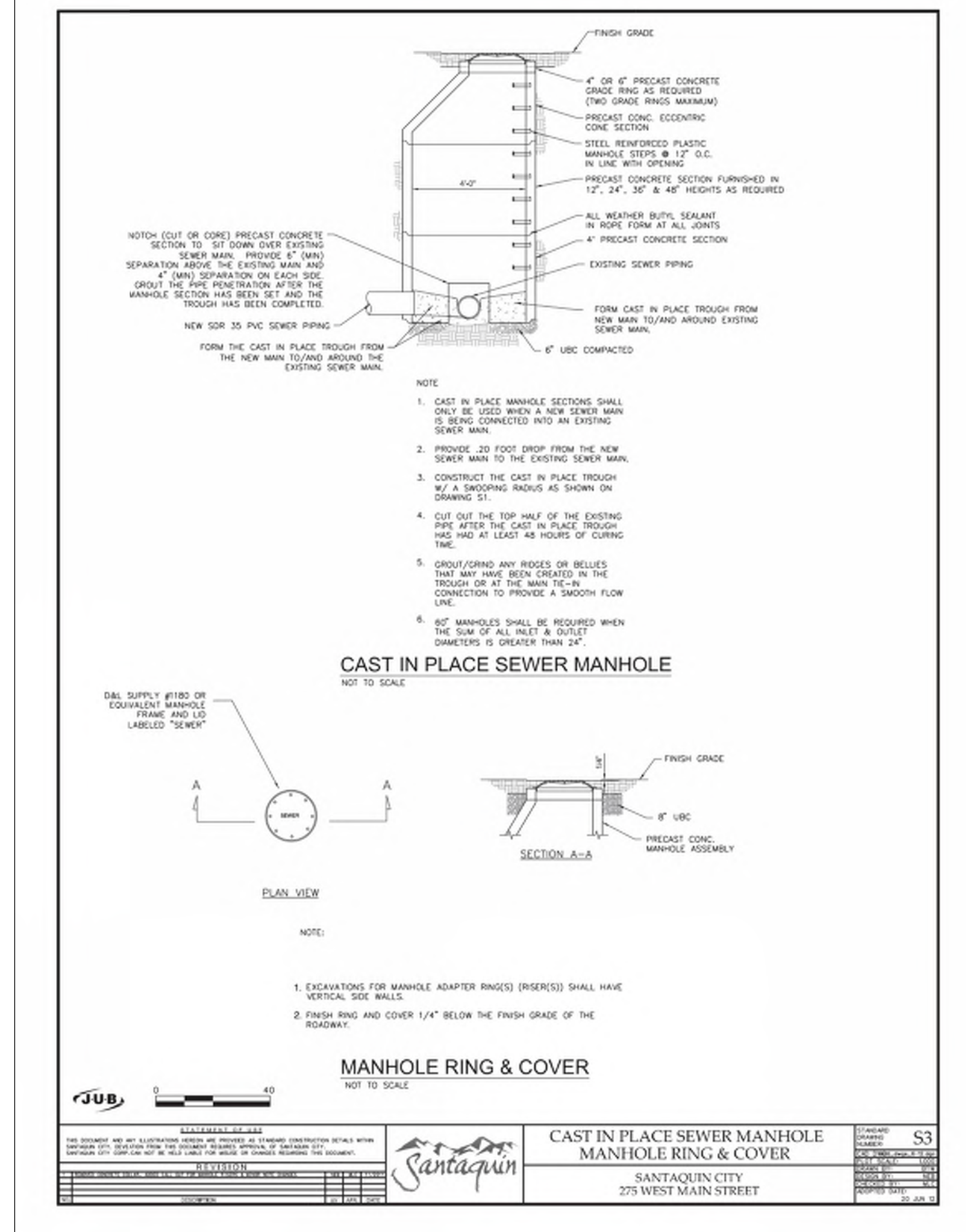
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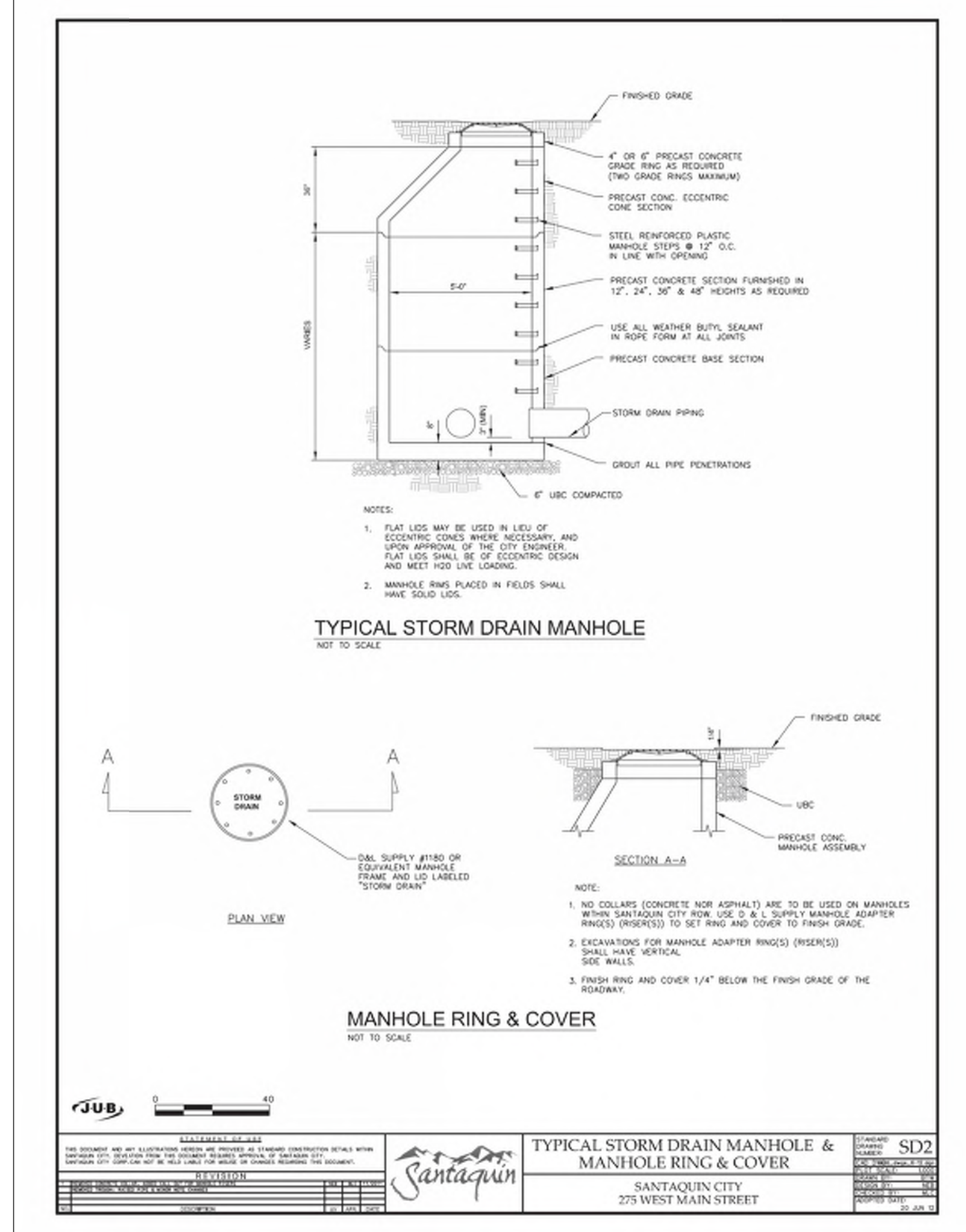
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DRAWN BY: JAG	DATE: 10/27/22
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DESIGNED BY: JAG	CHECKED BY: JAG
DRAWN BY: JAG	DATE: 10/27/22
SCALE: 1\"/>	



DATE: 10/27/22	PROJECT: S3
DESIGNED BY: JAG	CHECKED BY: JAG
DRAWN BY: JAG	DATE: 10/27/22
SCALE: 1\"/>	



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DESIGNED BY: JAG	CHECKED BY: JAG
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SCALE: 1\"/>	

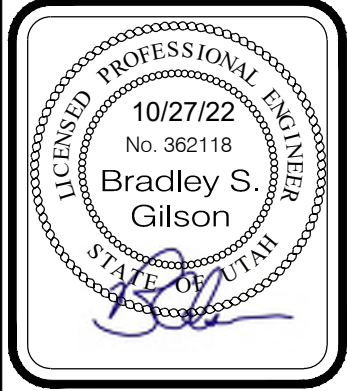
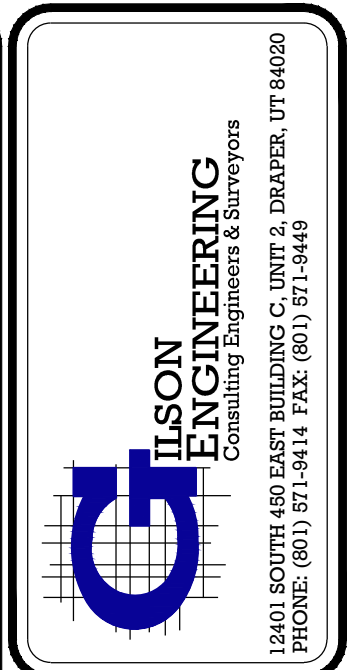
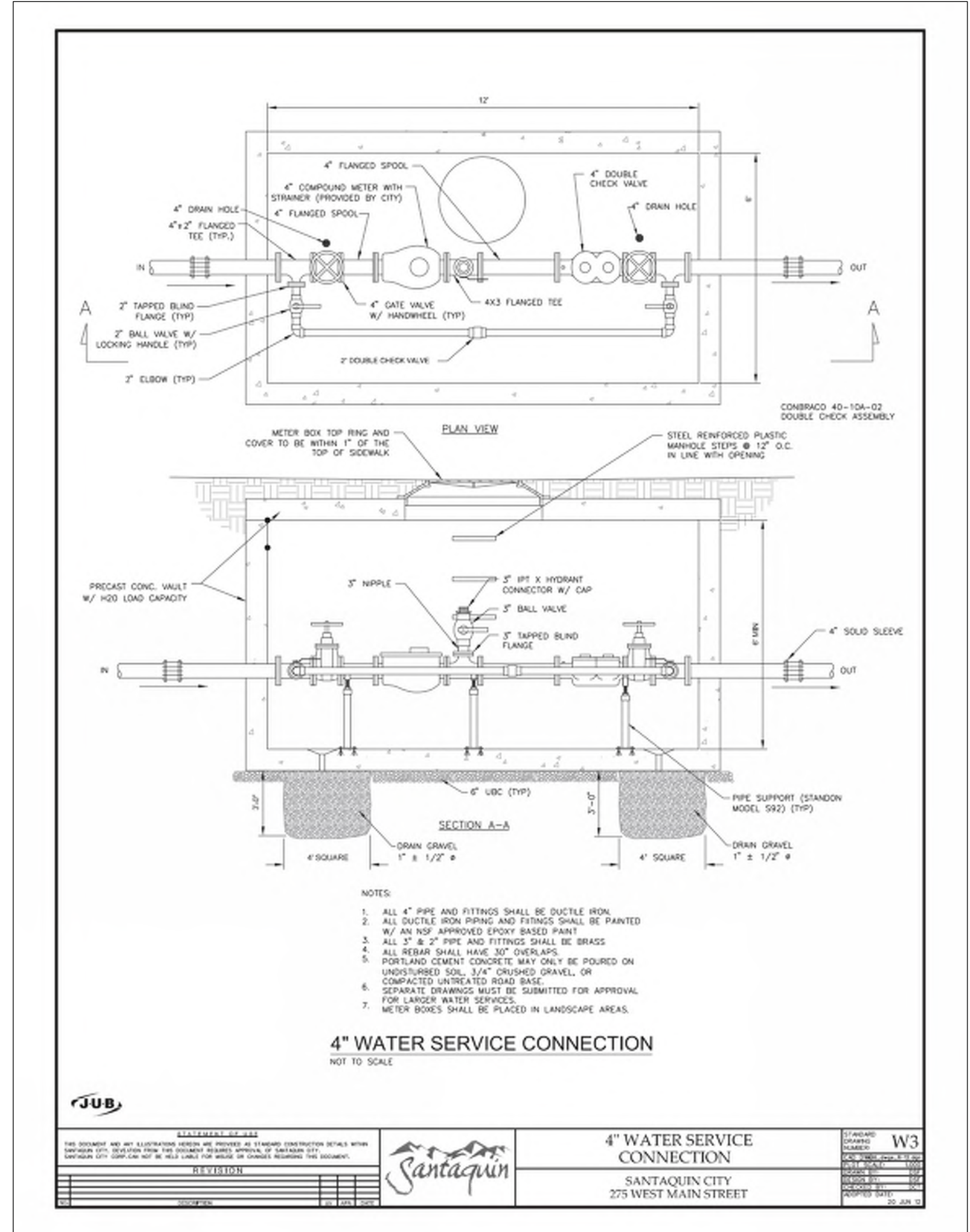
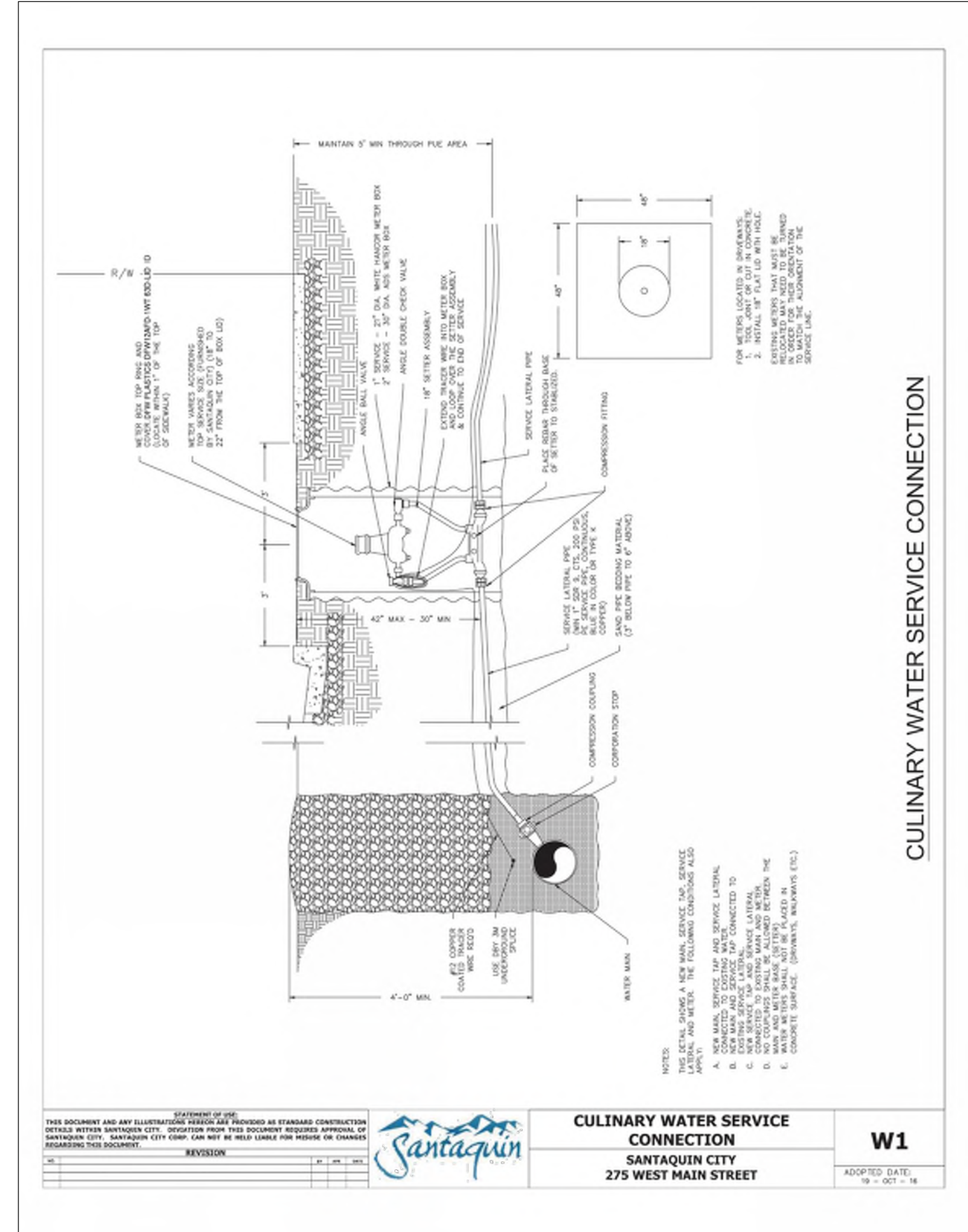
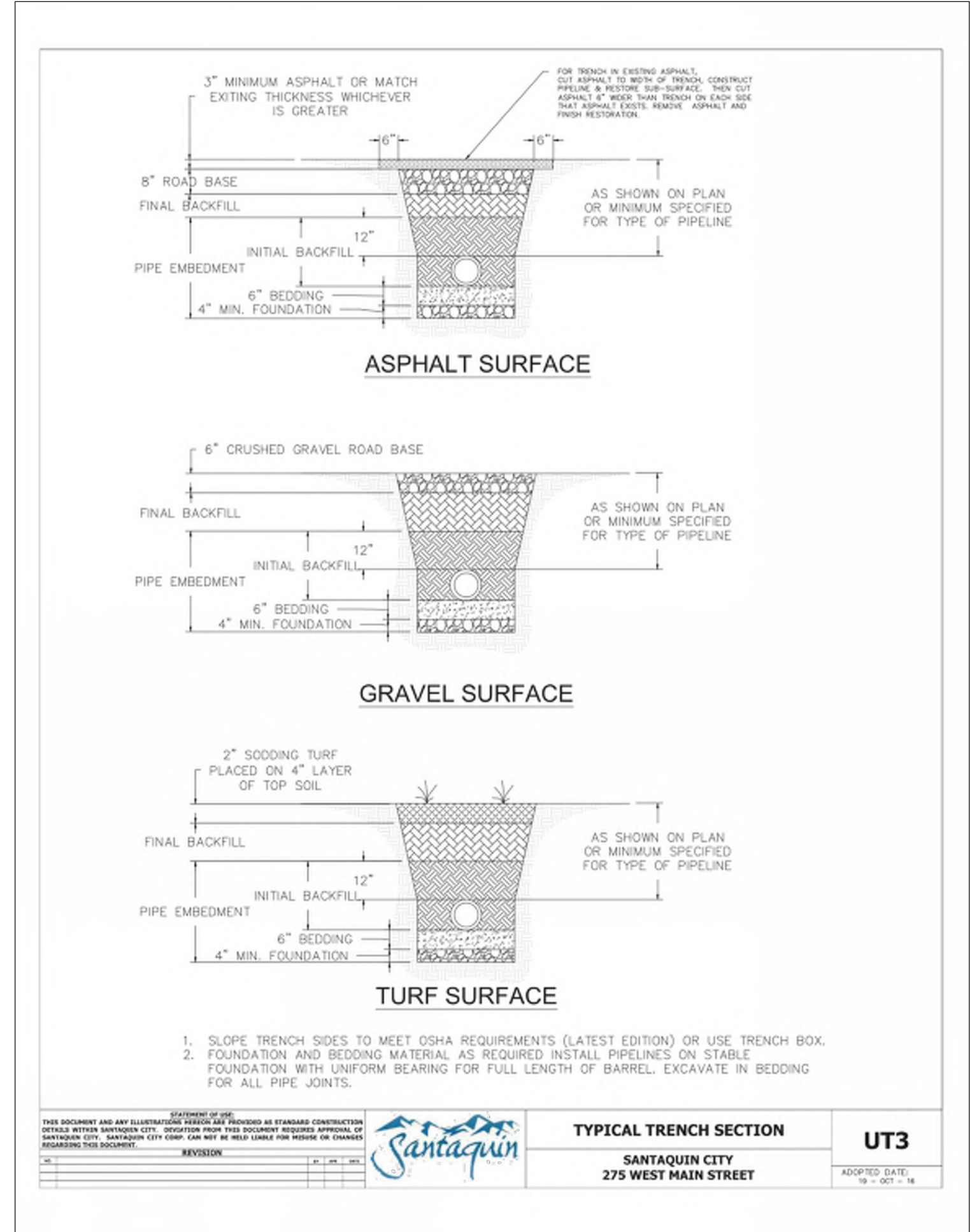
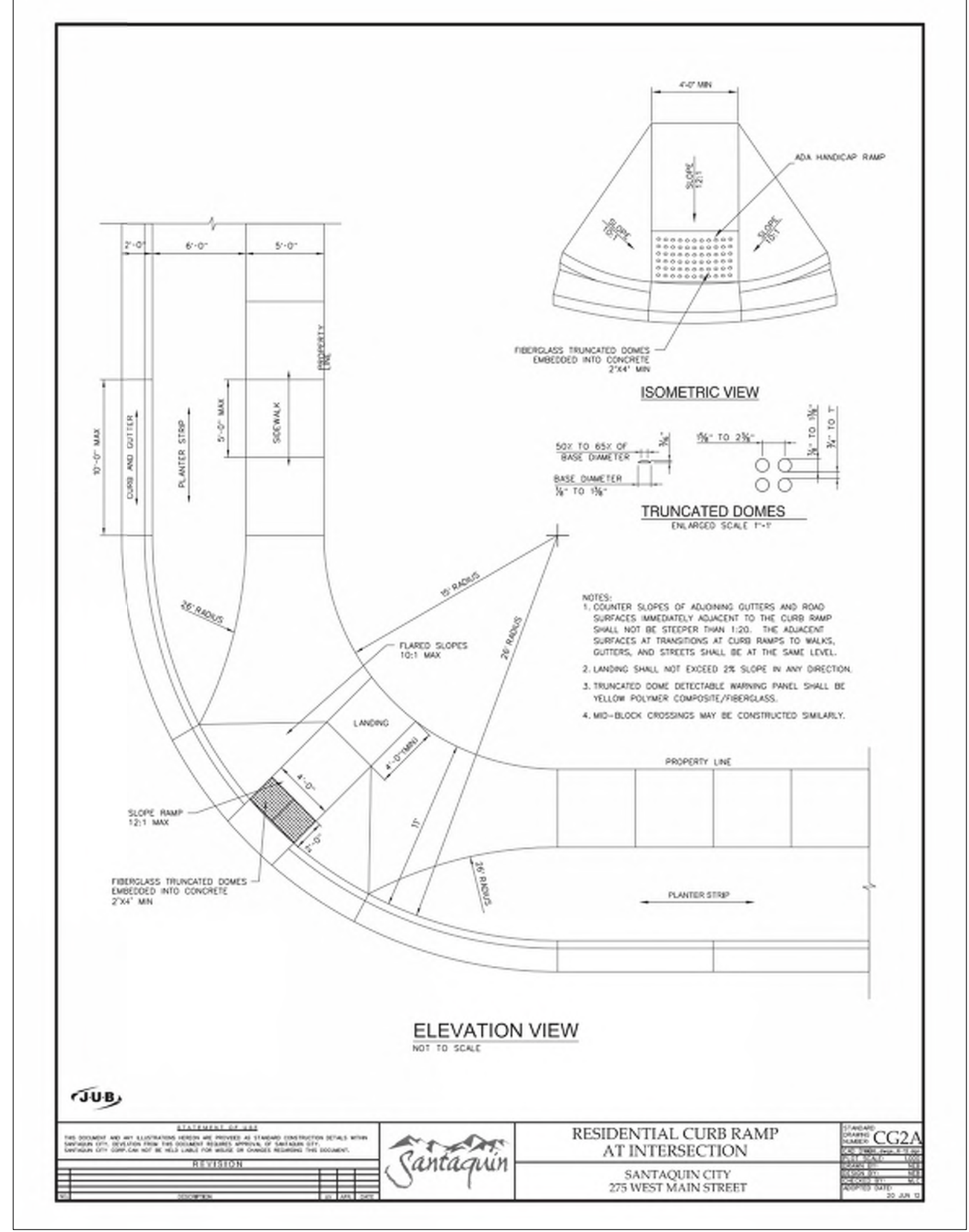
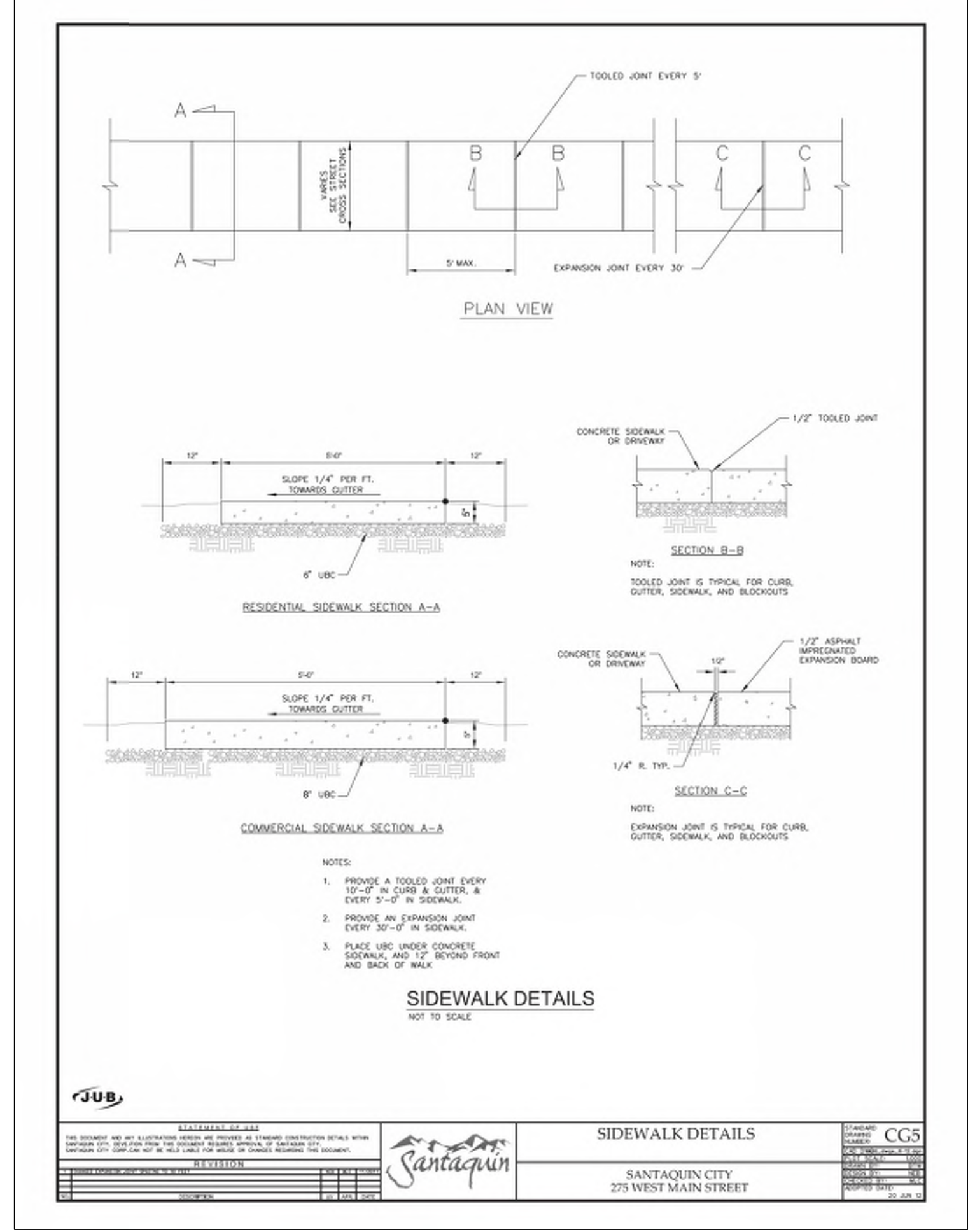
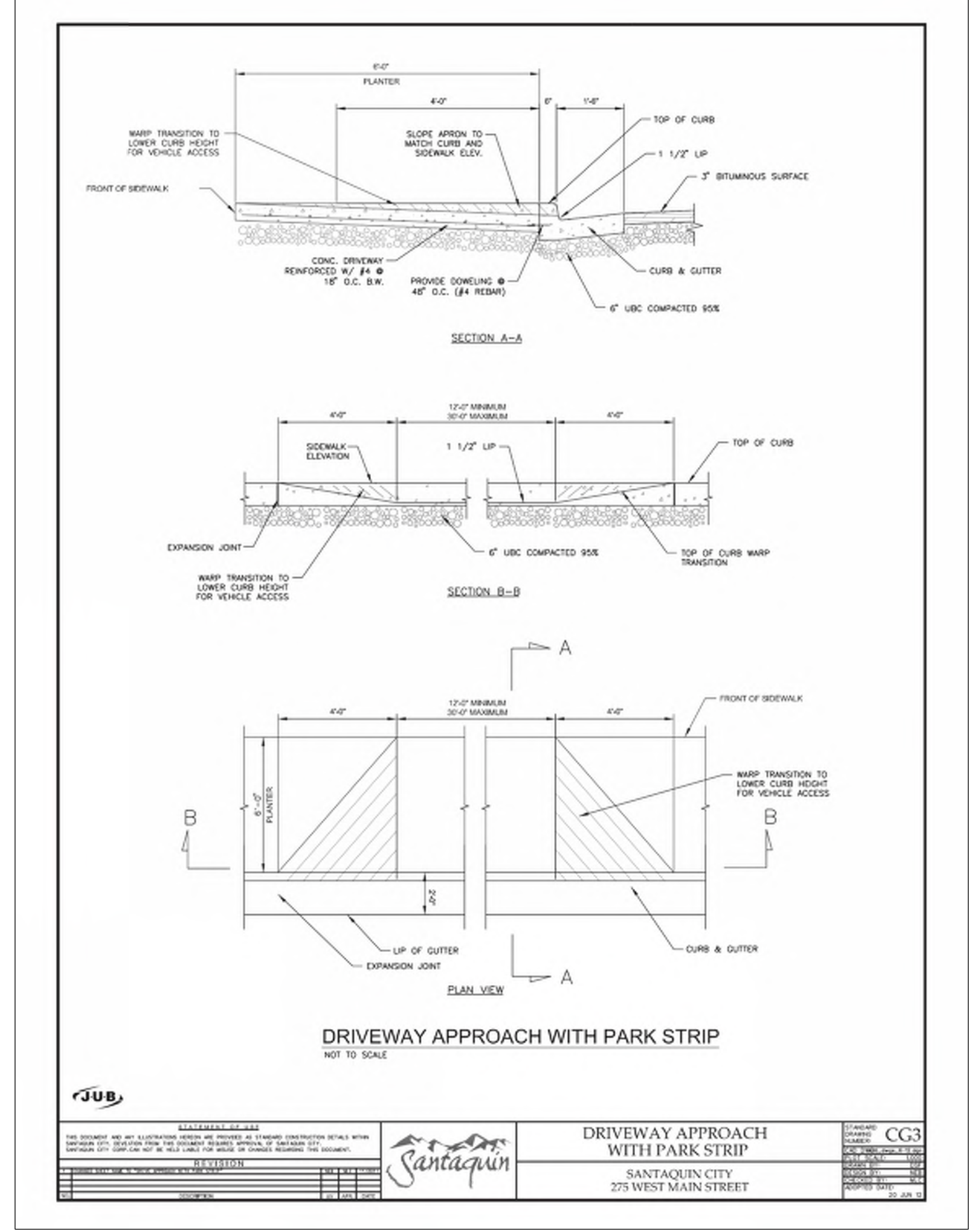
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PHONE: (801) 971-9414 FAX: (801) 971-9449

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

REV.	DATE	BY	COMMENTS
1	10/27/22	JAG	ISSUE FOR PERMIT
2	10/27/22	JAG	ISSUE FOR PERMIT
3	10/27/22	JAG	ISSUE FOR PERMIT
4	10/27/22	JAG	ISSUE FOR PERMIT
5	10/27/22	JAG	ISSUE FOR PERMIT
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8	10/27/22	JAG	ISSUE FOR PERMIT
9	10/27/22	JAG	ISSUE FOR PERMIT
10	10/27/22	JAG	ISSUE FOR PERMIT

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

REVISION: **A**
PROJ. **NCC.010**
C.502



REVISIONS

REV.	DATE	BY	COMMENTS

REVISIONS

REV.	DATE	BY	COMMENTS

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

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

DETAILS

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985 WEST SUMMIT RIDGE PKWY
SANTAQUIN, UTAH

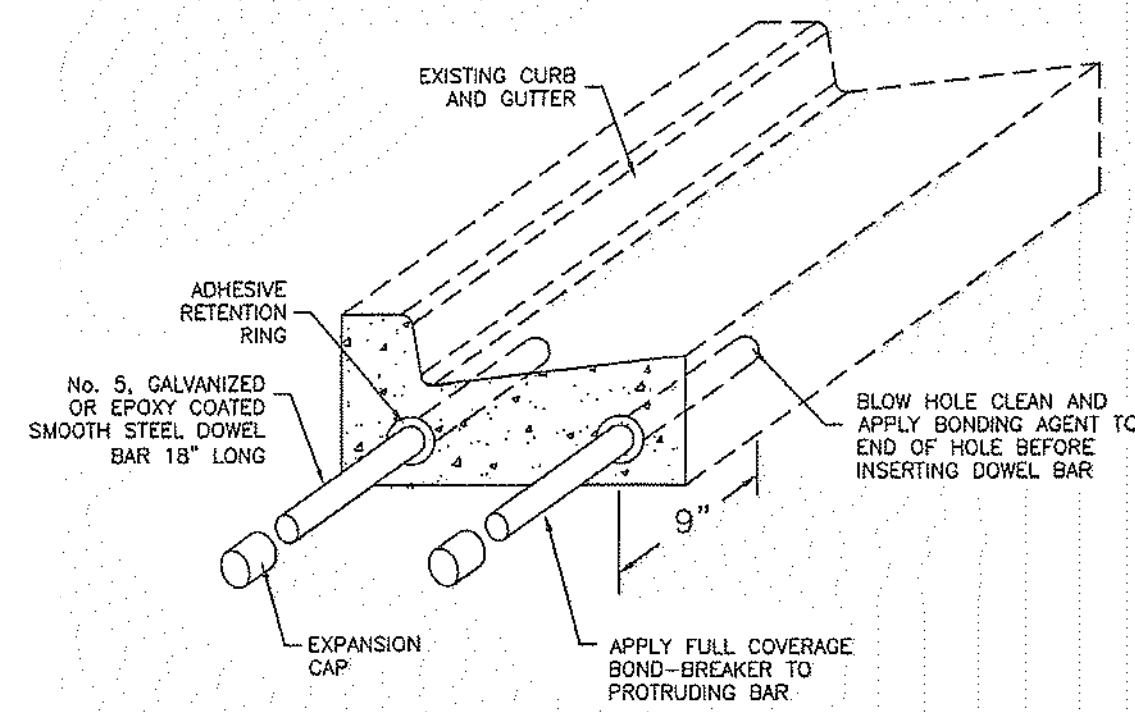
REVISION: A

PROJ. NCC.010

C.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.

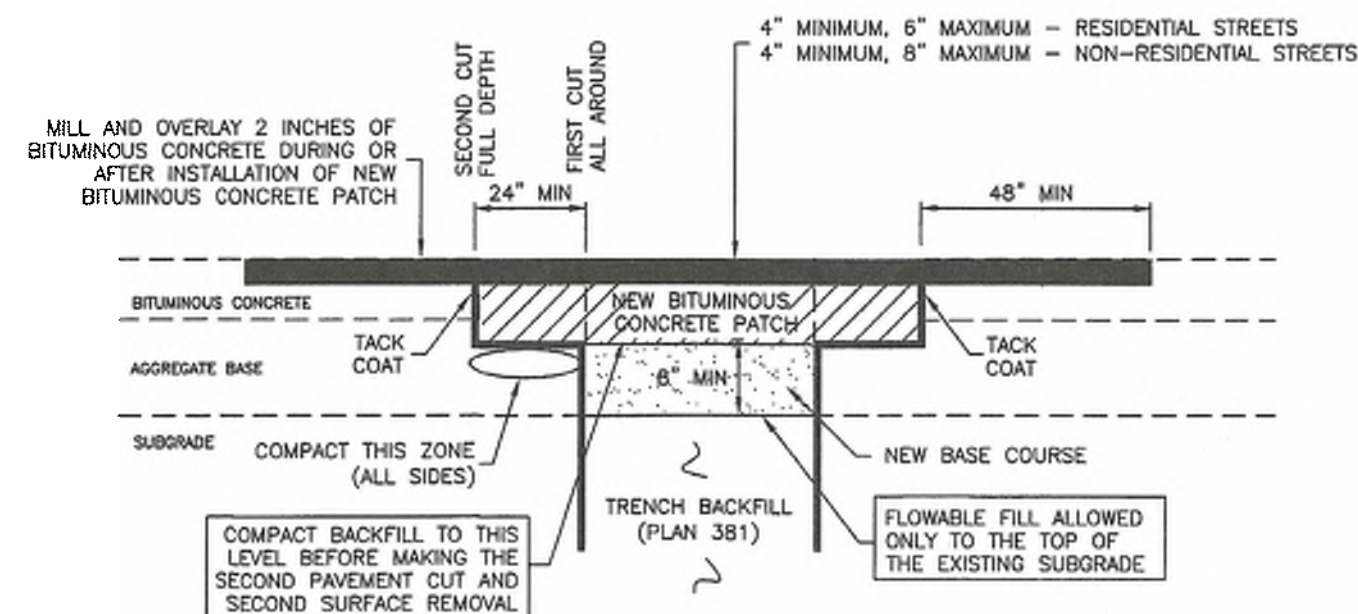


Curb and gutter connection

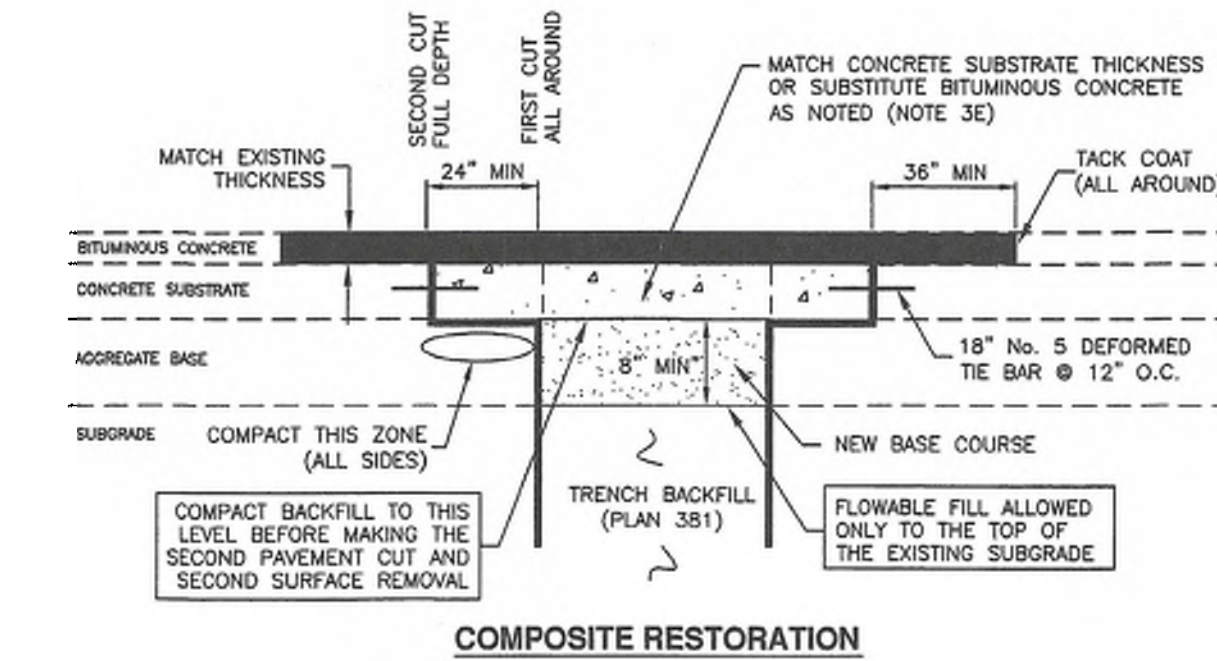
Plan
206
June 2009

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

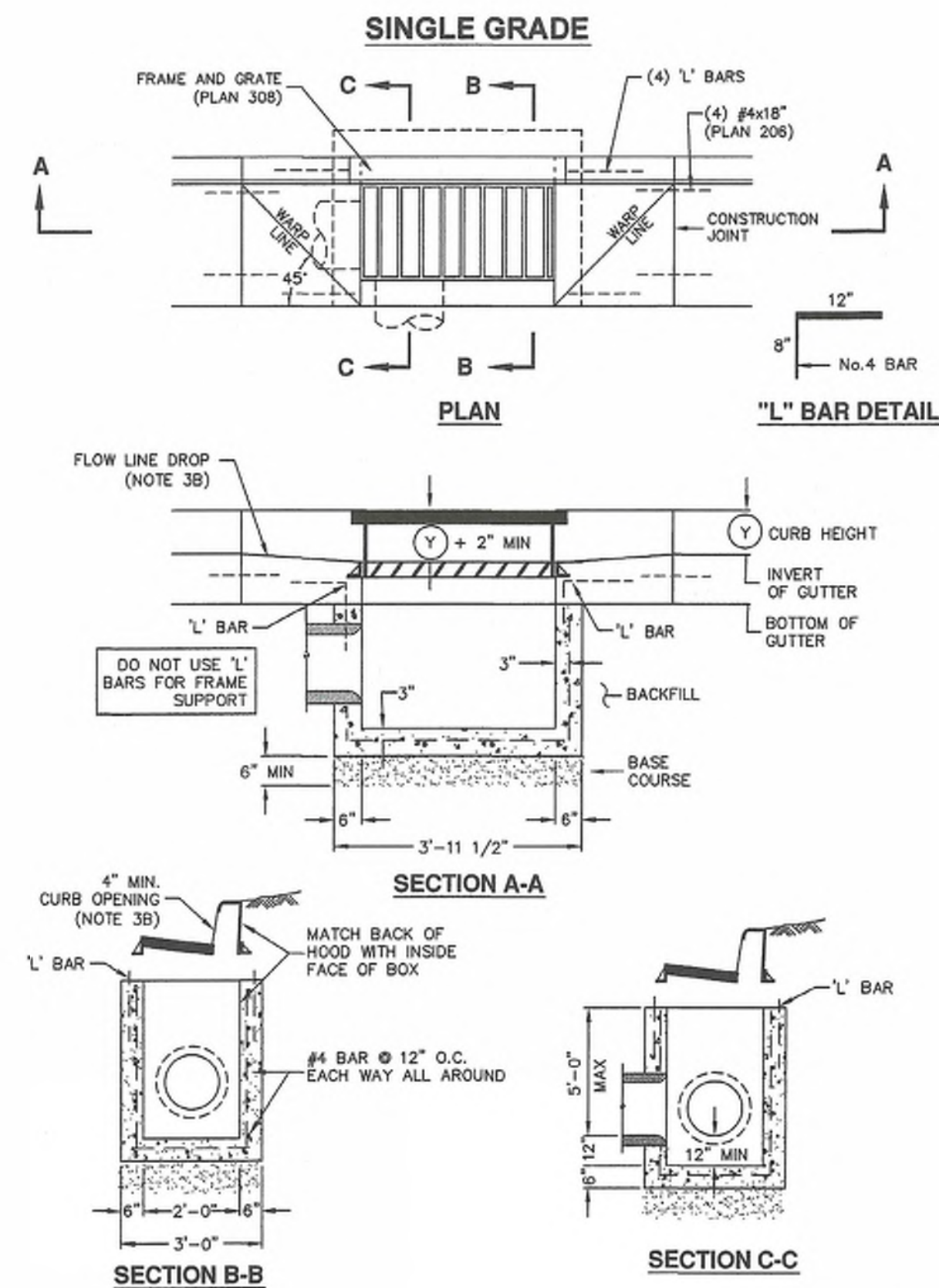


Bituminous pavement T-patch

Plan
255
November 2015

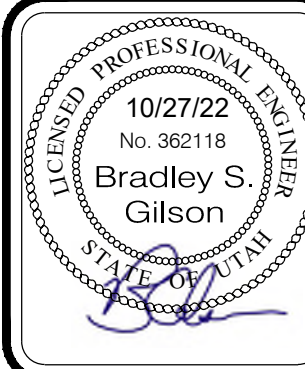
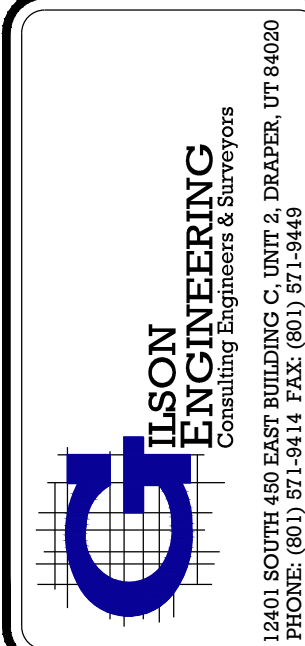
Catch basin

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

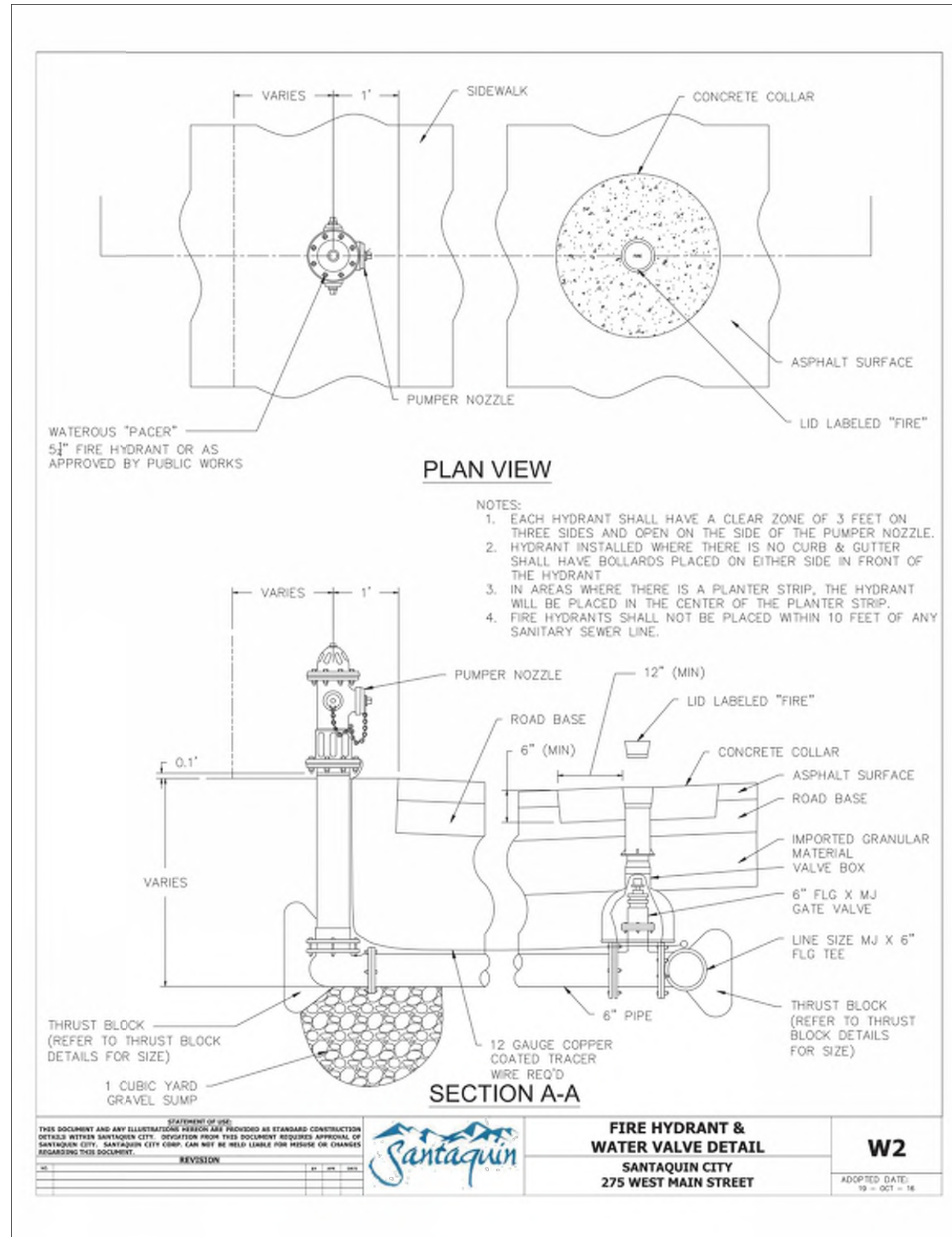
1" SCALE MEASURES 1" ON FULL SIZE SHEET
ADJUST FOR HALF SIZE SHEET

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

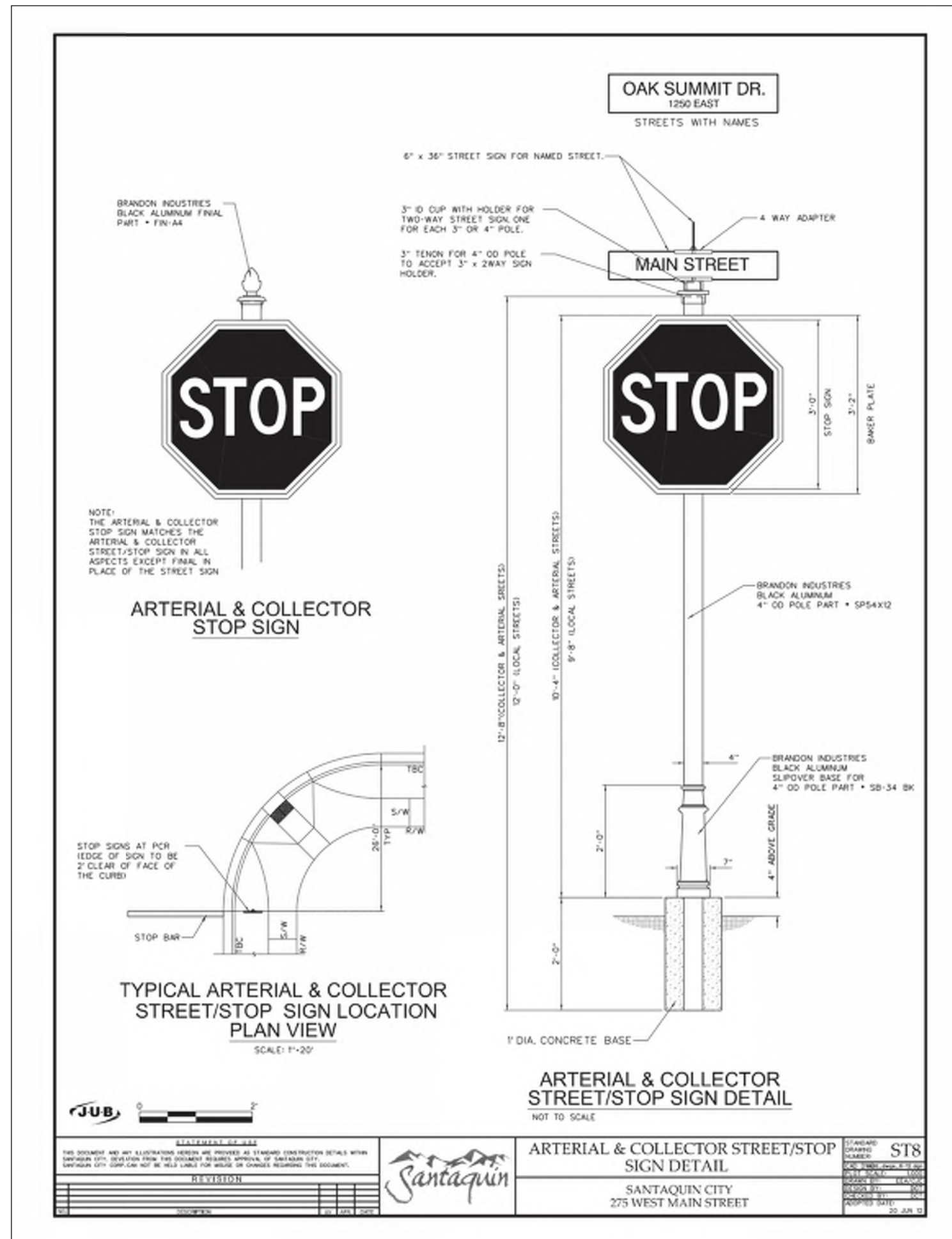
REVISION: **A**

PROJ. **NCC.010**

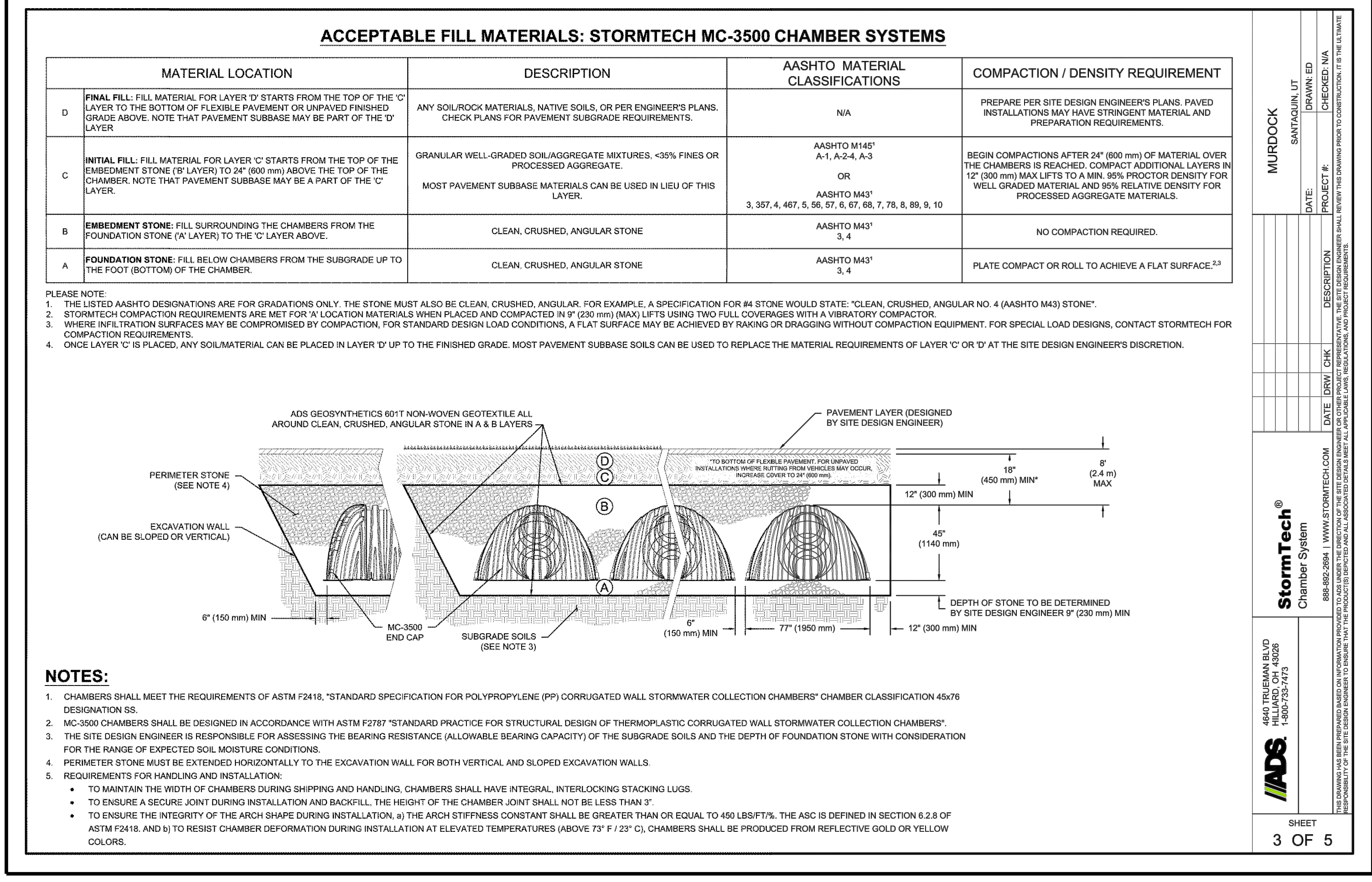
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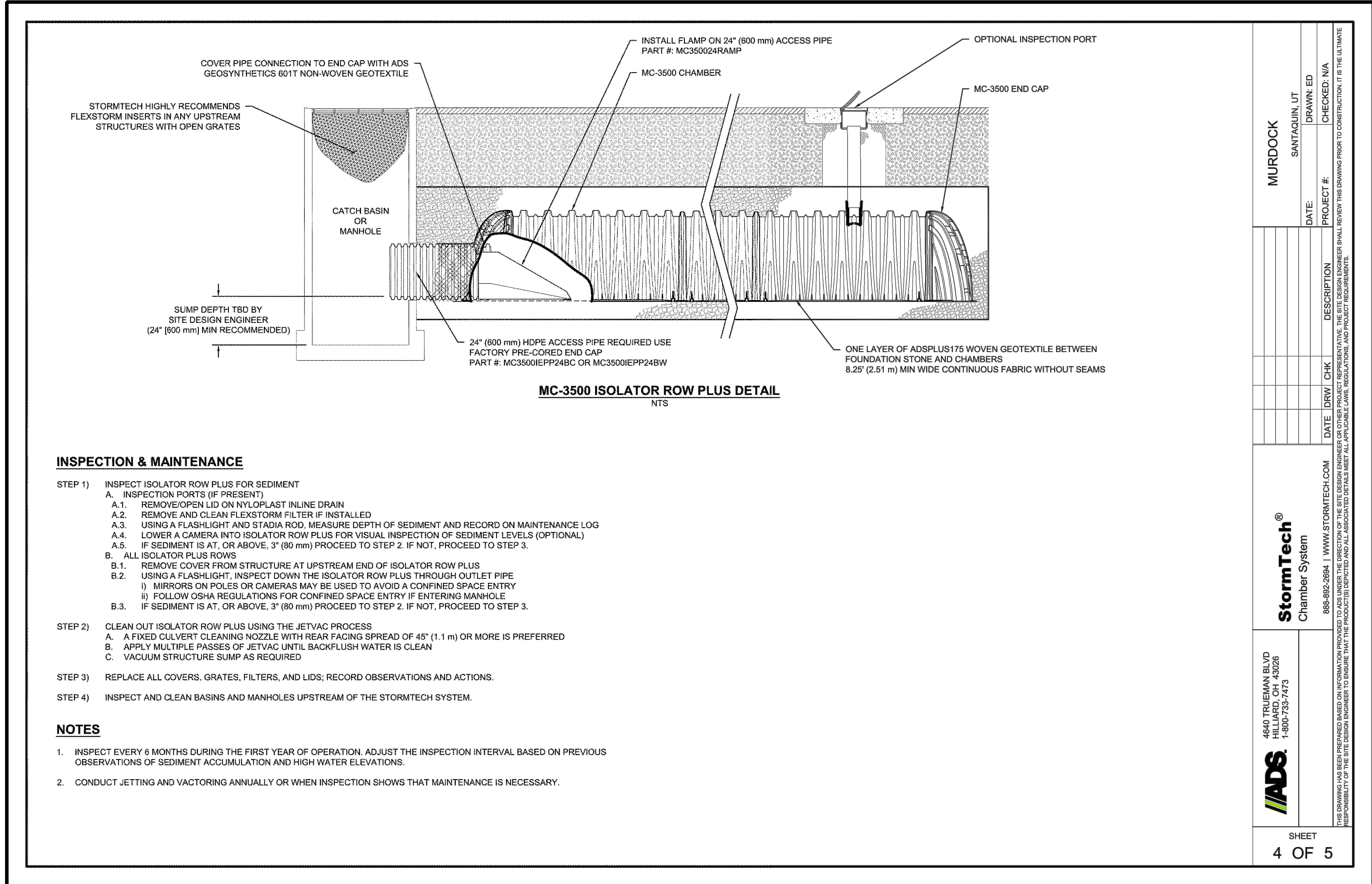
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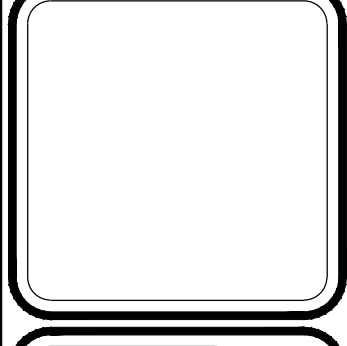
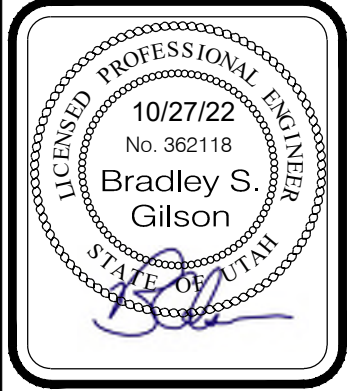
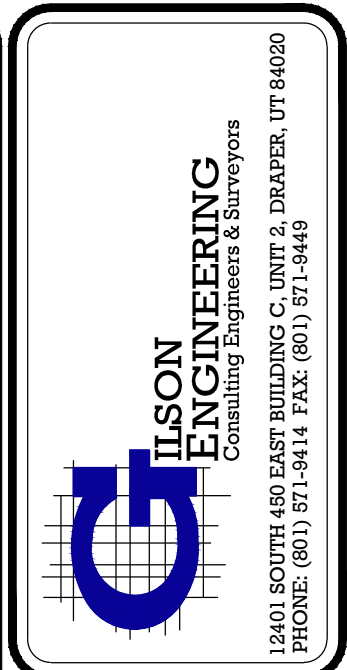
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StormTech® Chamber System 985-855-2664 WWW.STORMTECH.COM		MURDOCK SANTAQUIN, UT DRAWING NO. 22-0028
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StormTech® Chamber System 985-855-2664 WWW.STORMTECH.COM		MURDOCK SANTAQUIN, UT DRAWING NO. 22-0028
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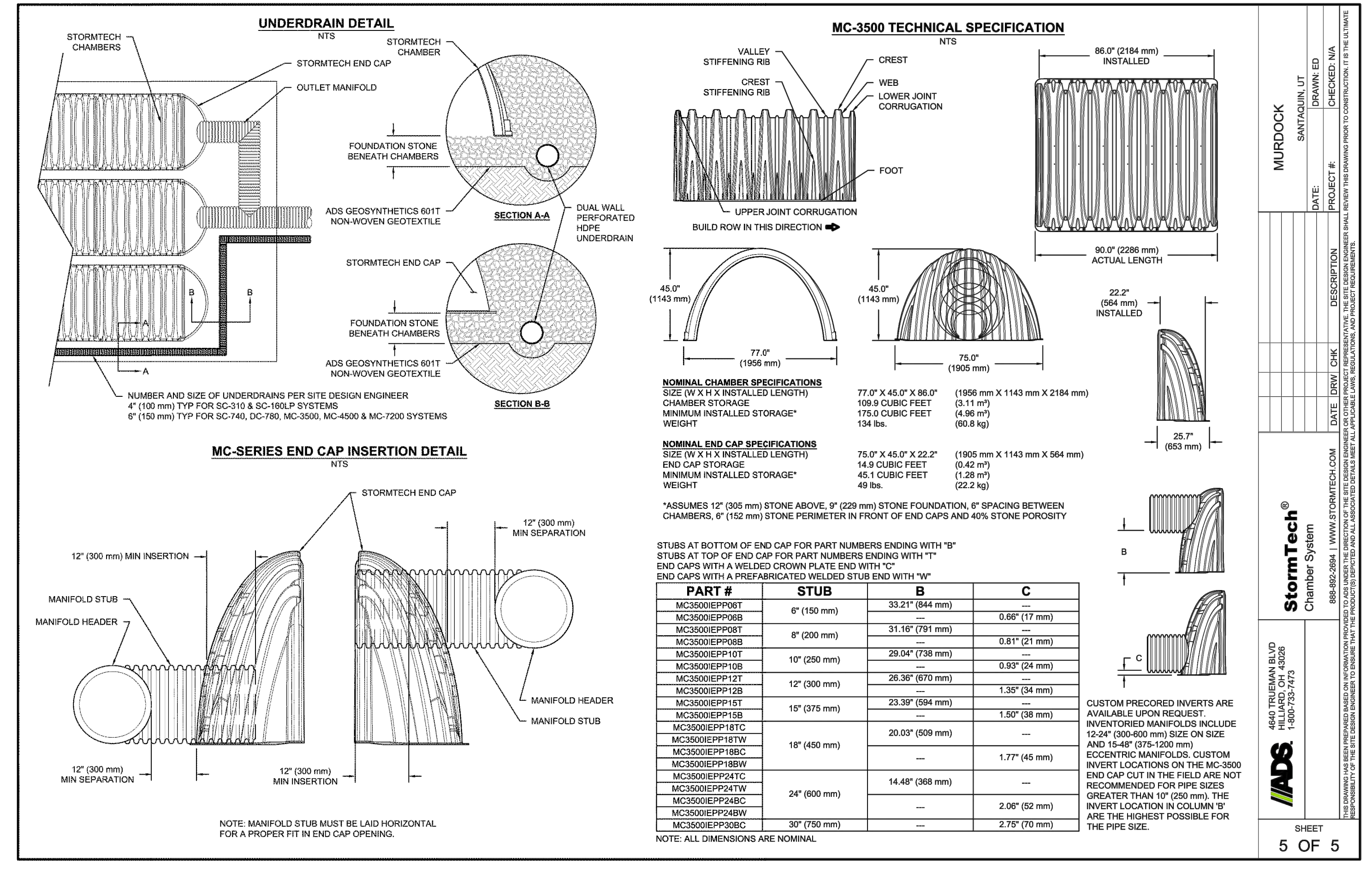


REVISED	DATE	BY	COMMENTS
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DESIGNED/DRAWN BY:	JAG
CHECKED:	
APPROVED:	

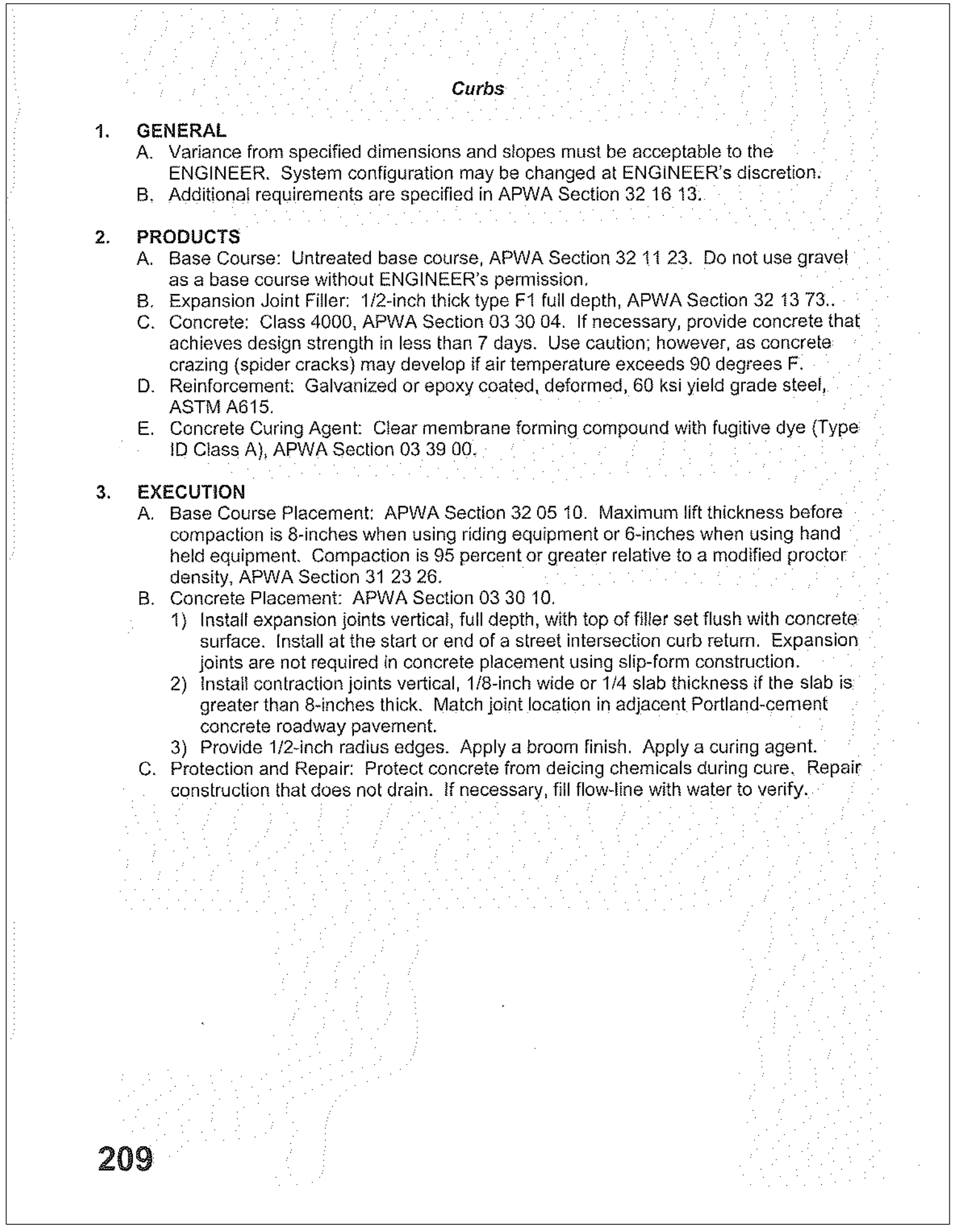
DETAILS
MURDOCK FORD SANTAQUIN
 985 WEST SUMMIT RIDGE PKWY
 SANTAQUIN, UTAH

REVISION:	A
PROJ. NO.:	NCC.010
C.505	

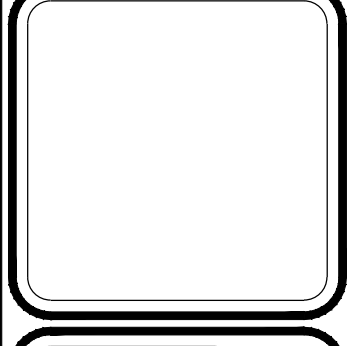
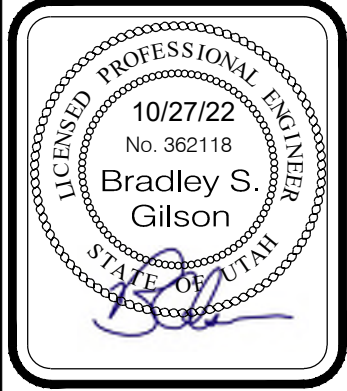
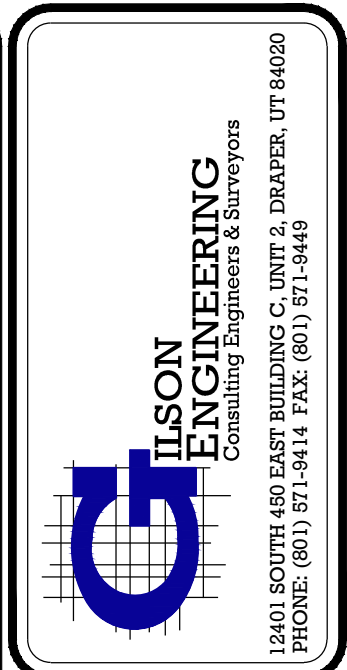
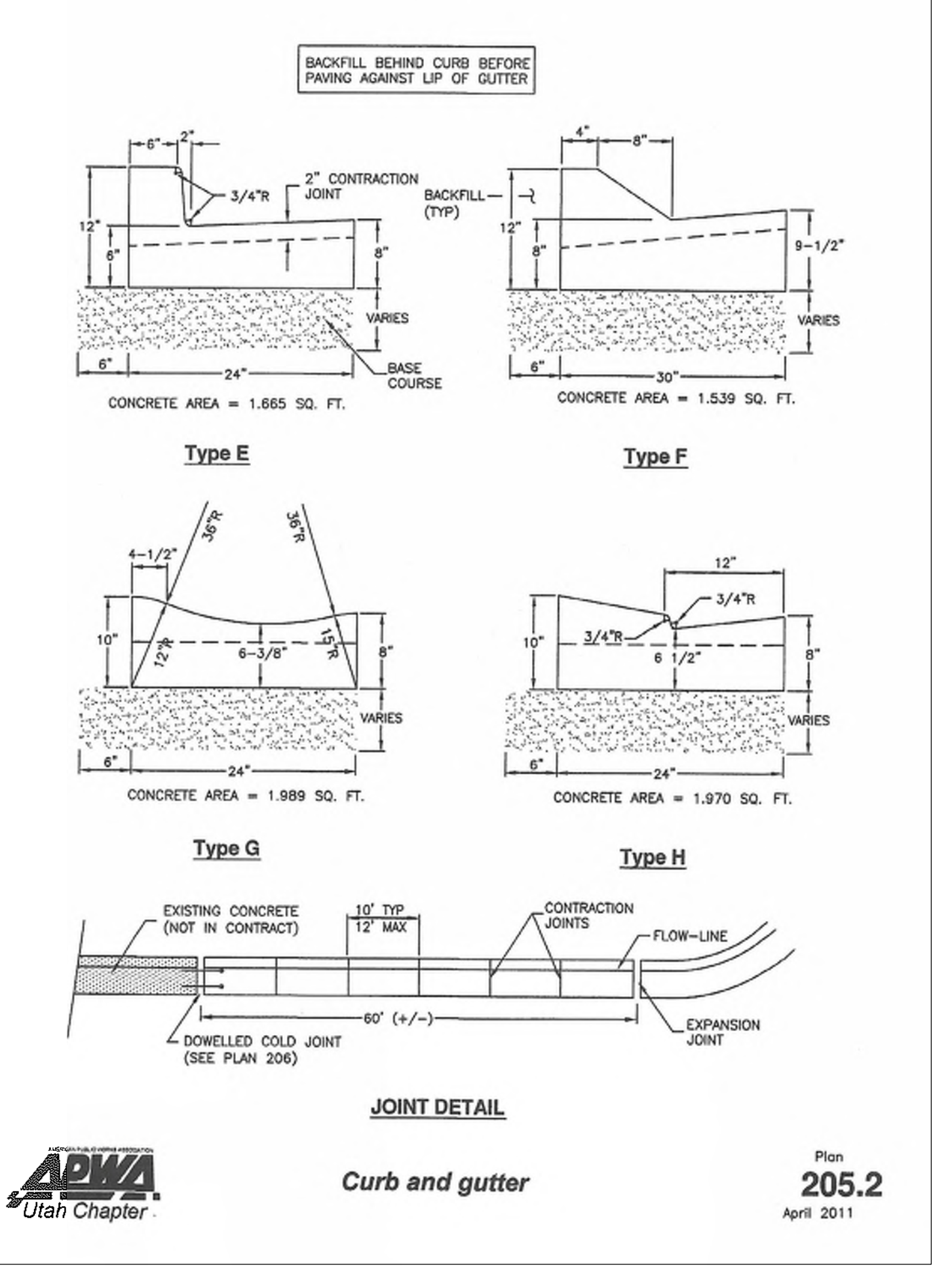
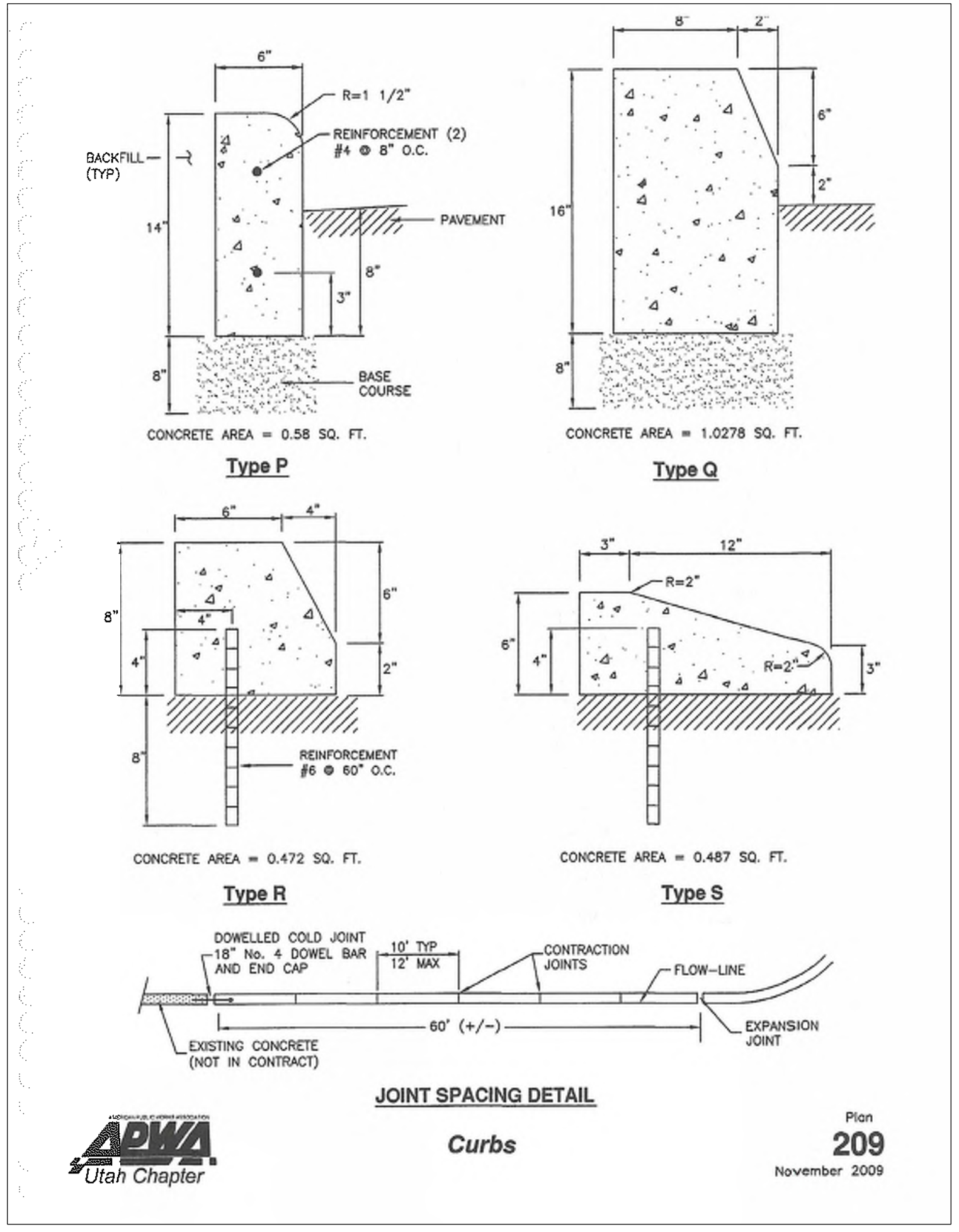


- Curb and gutter**
- GENERAL**
 - A. Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER'S discretion.
 - B. Additional requirements are specified in APWA Section 32 16 13.
 - PRODUCTS**
 - A. Base Course: Untreated base course, 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



209

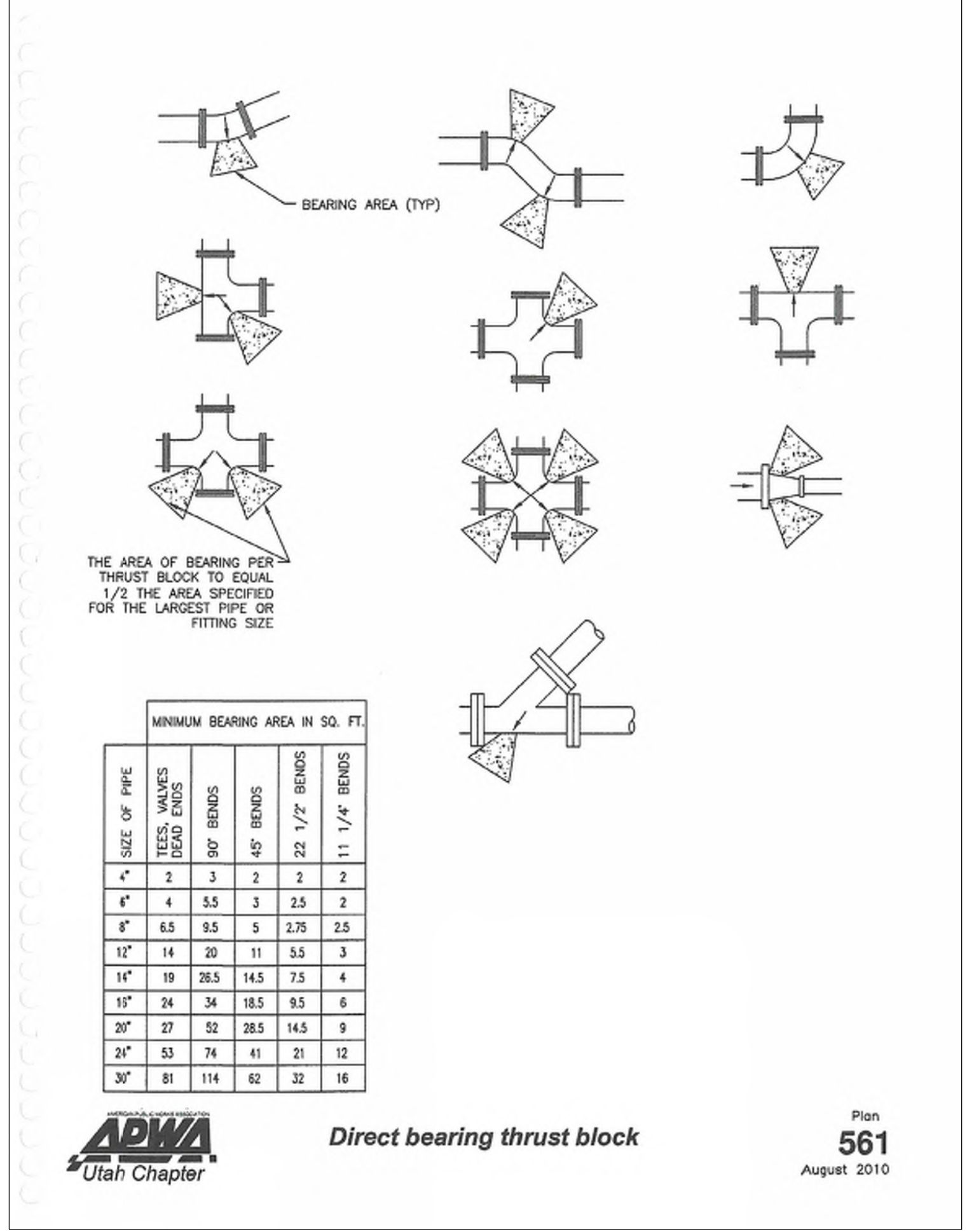


REV	DATE	BY	COMMENTS
A	10/27/22	JAG	ISSUE FOR CONSTRUCTION

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

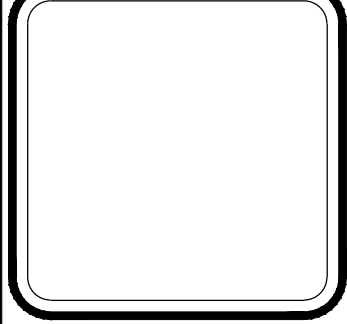
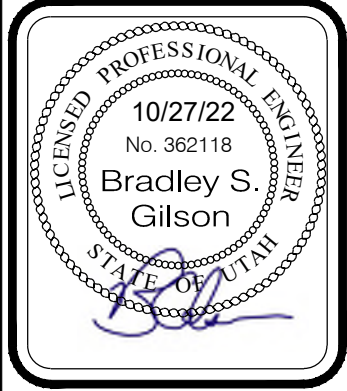
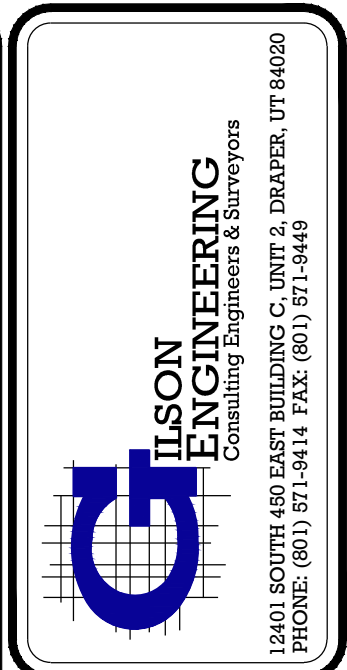
REVISION: **A**
 PROJ. # **NCC.010**
C.506



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	REVISED FOR 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEET

DESIGNED/DRAWN BY: JAG

CHECKED: APPROVED:

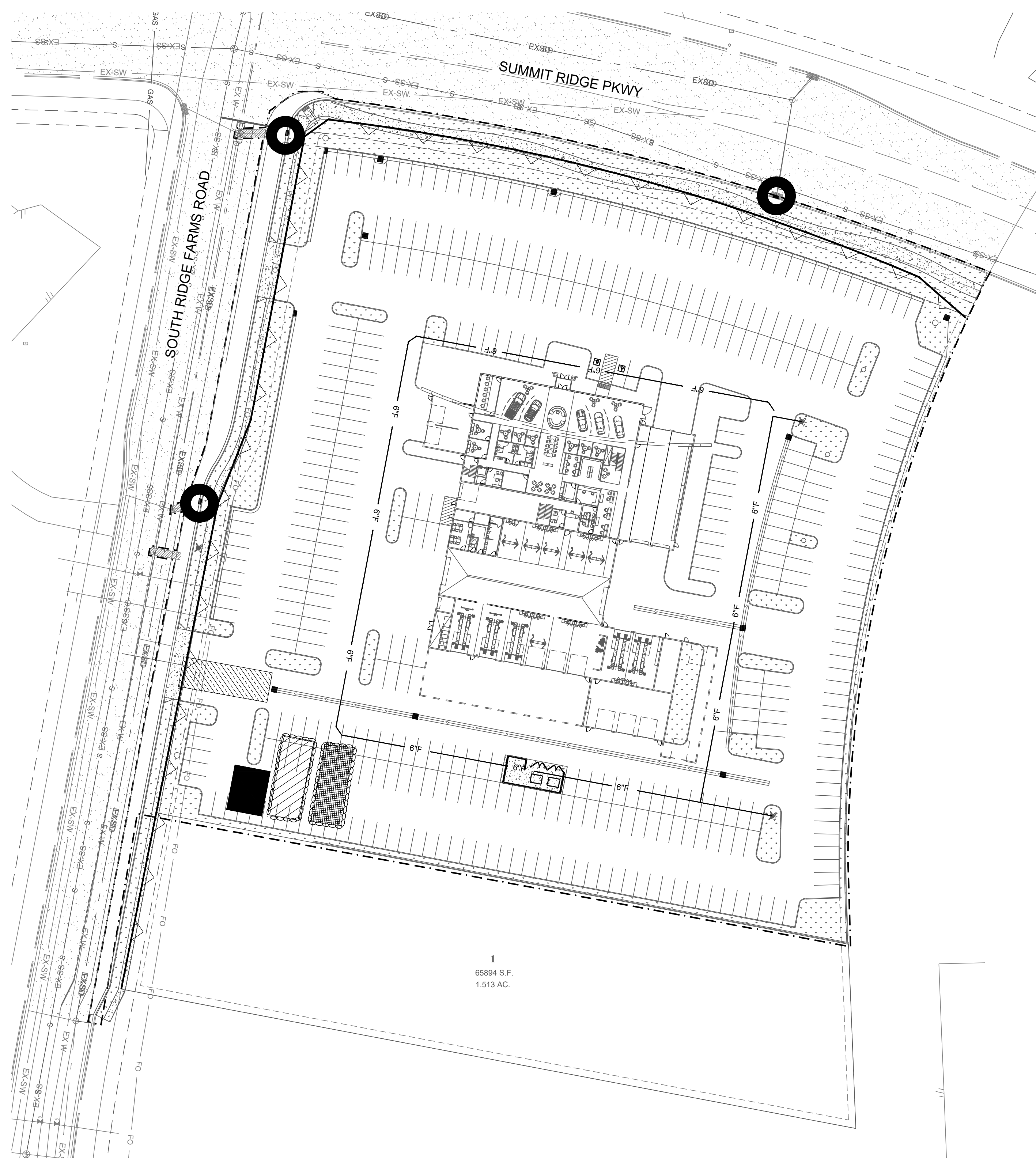
DETAILS

MURDOCK FORD SANTAQUIN
985 WEST SUMMIT RIDGE PKWY
SANTAQUIN, UTAH

REVISION: **A**

PROJ. # **NCC.010**

C.507



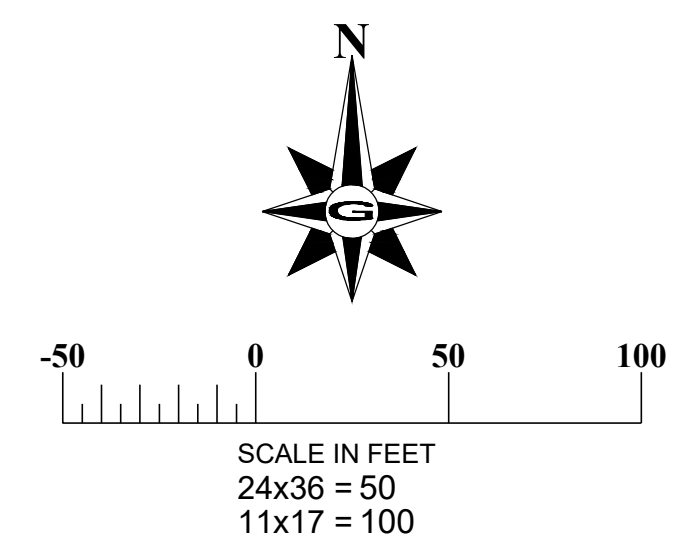
1
65894 S.F.
1.513 AC.

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

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.

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

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	BY	DATE	COMMENTS
	A	10/24/22	

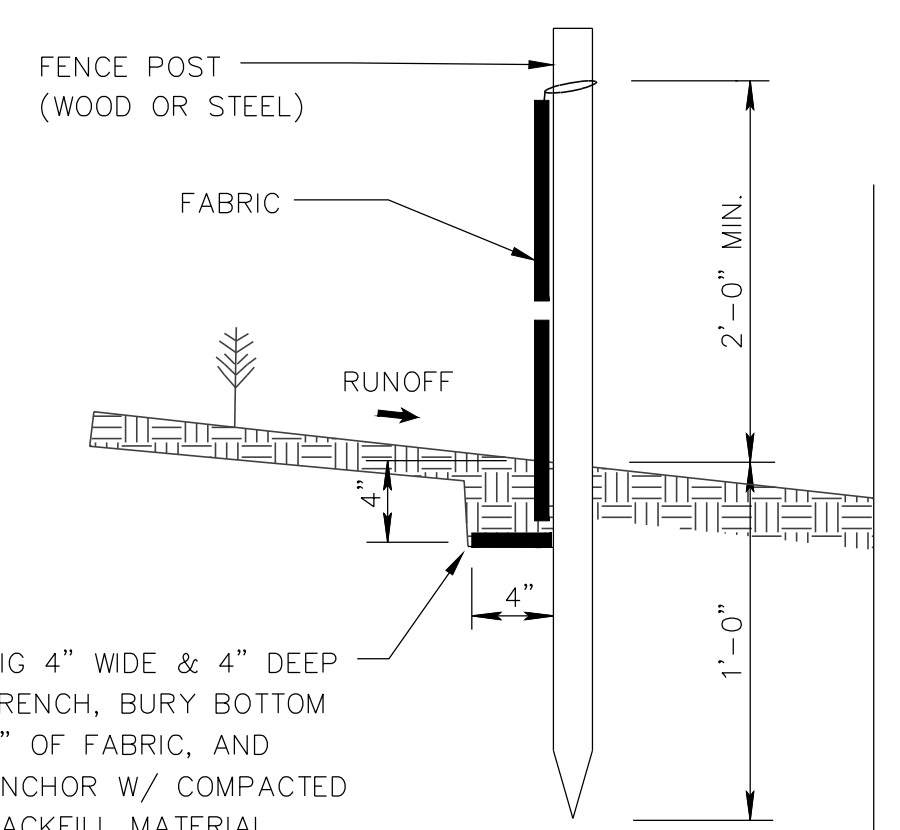
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PROJECT: EROSION CONTROL	1" SCALE MEASURES 1" ON FULL SIZE SHEET
DESIGNED/DRAWN BY: JAG	ADJUST FOR HALF SIZE SHEET
CHECKED:	
APPROVED:	

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

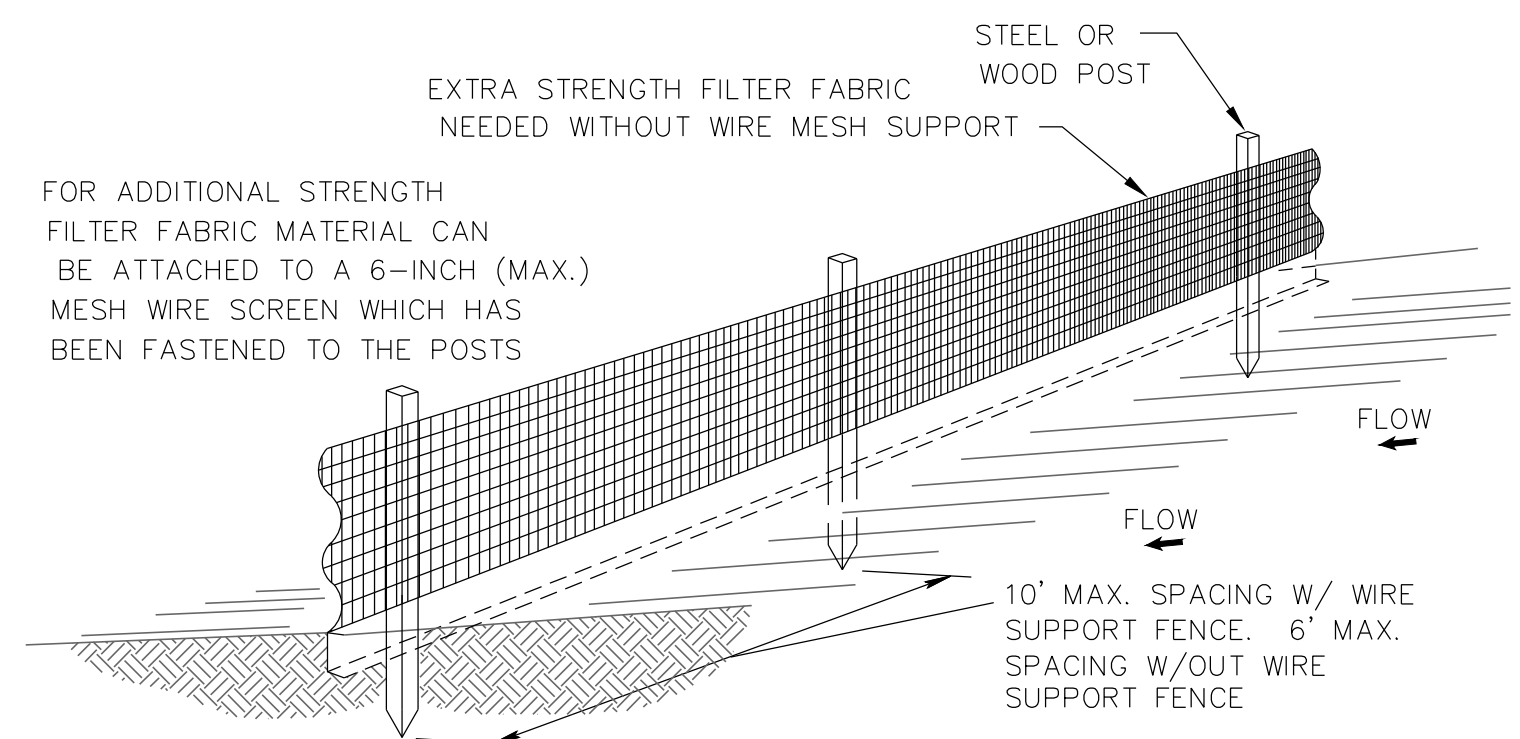
REVISION: **A**

PROJ: **NCC.010**

ER.101

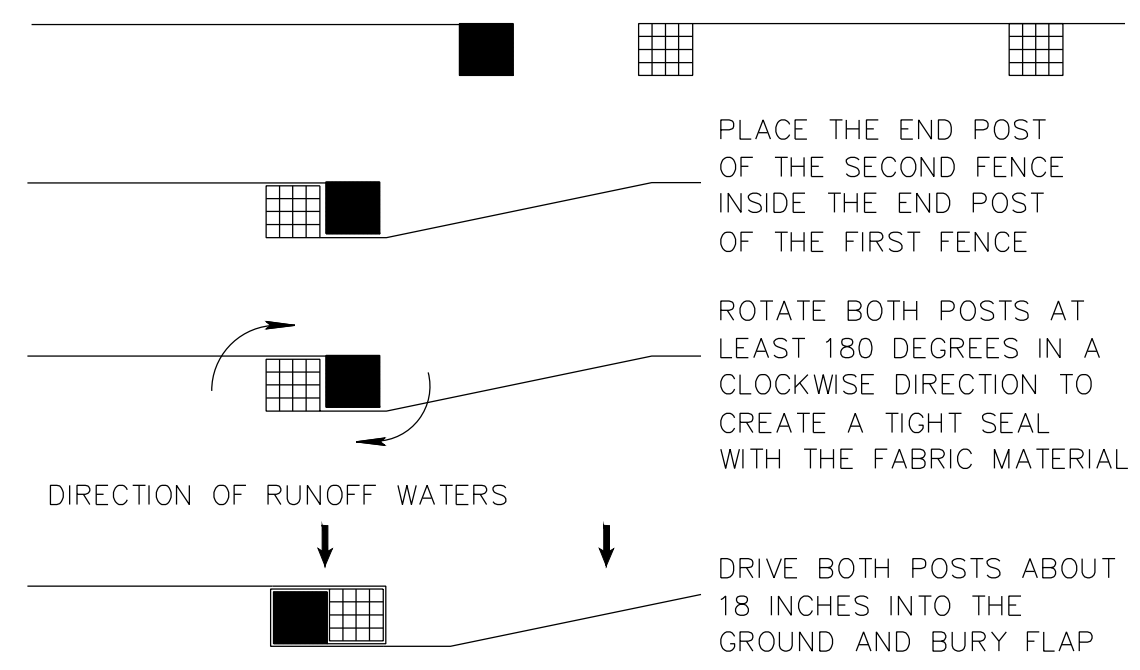


SILT FENCE SECTION

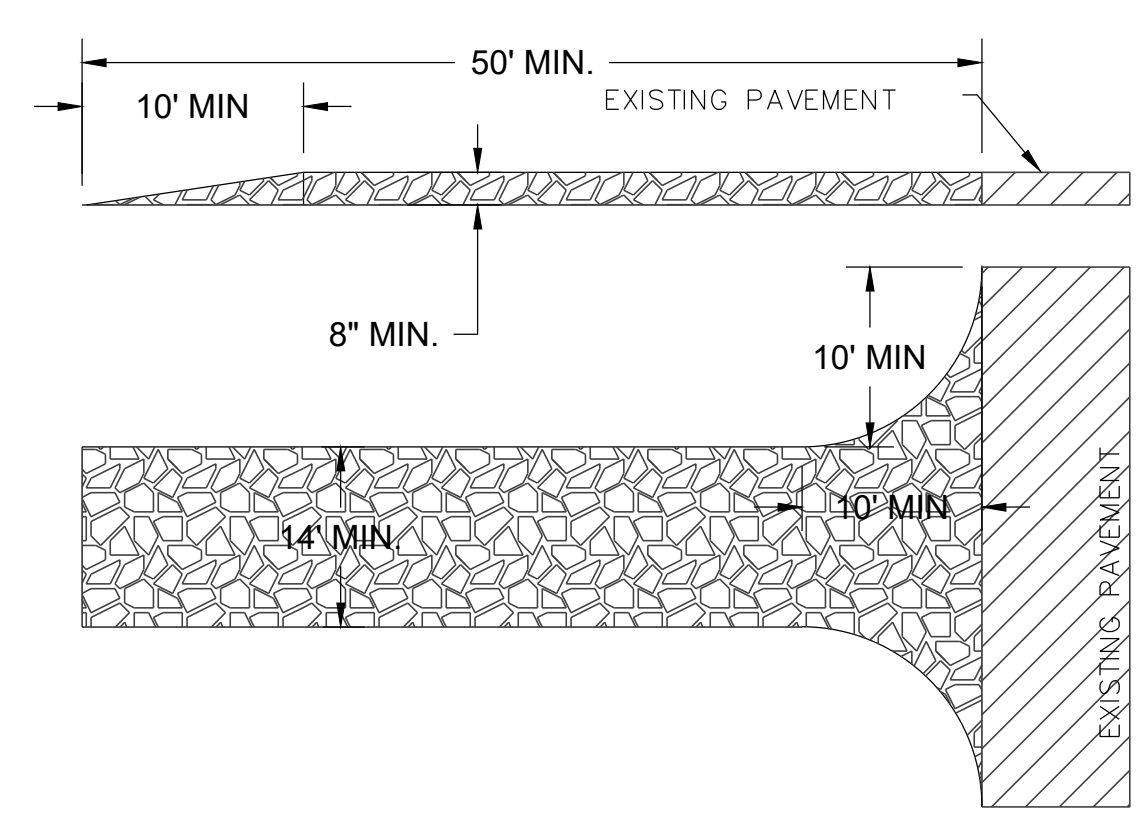


NOTES

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



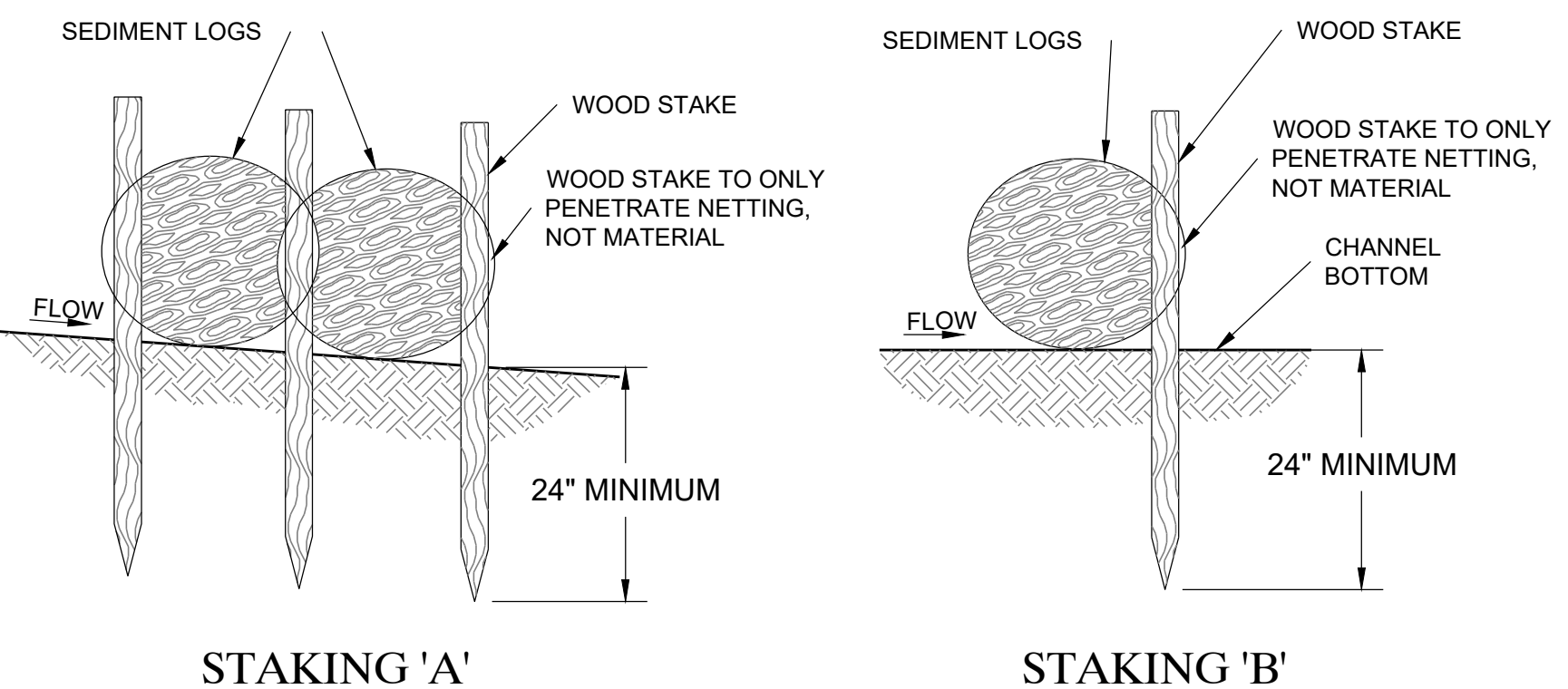
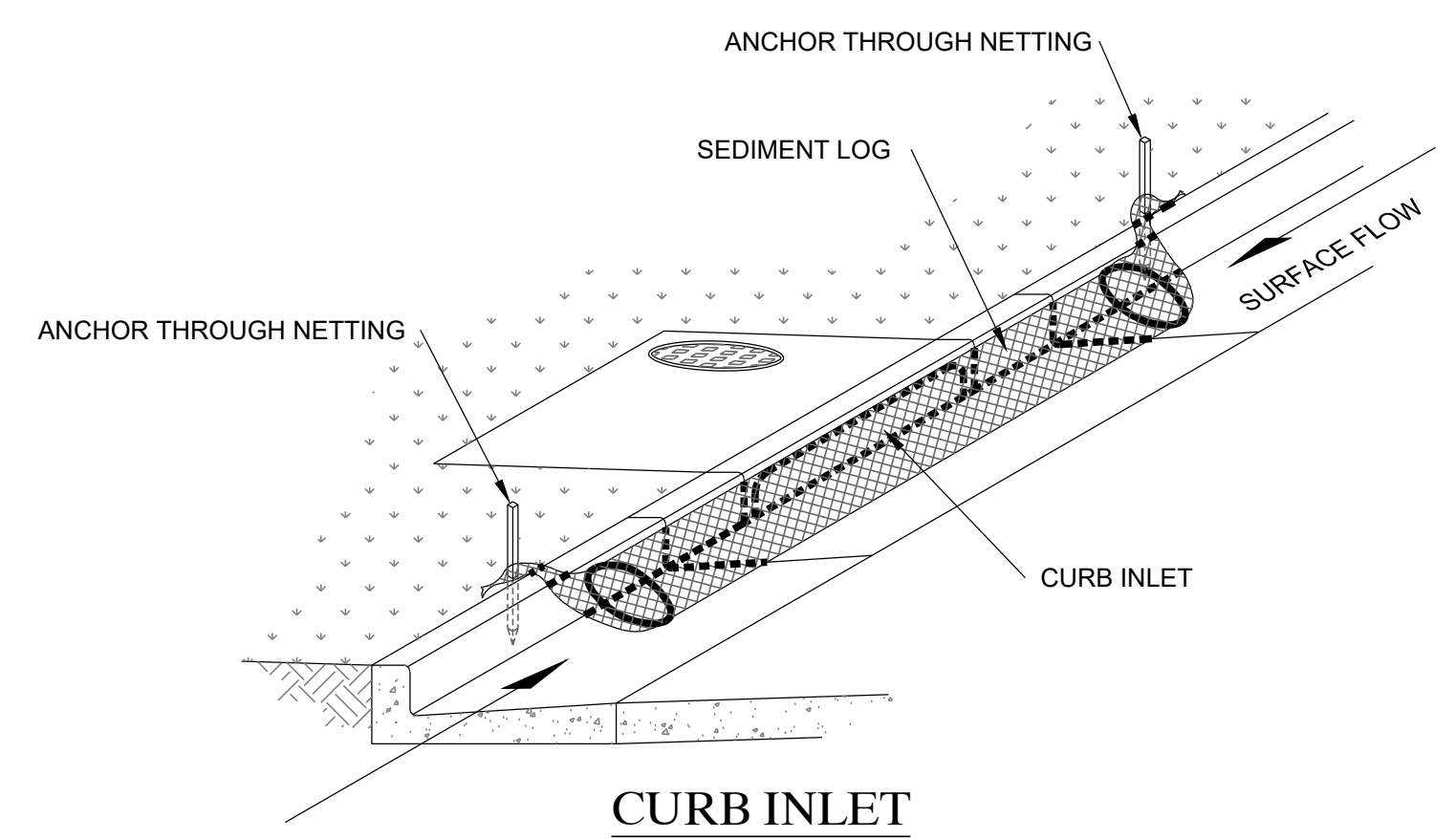
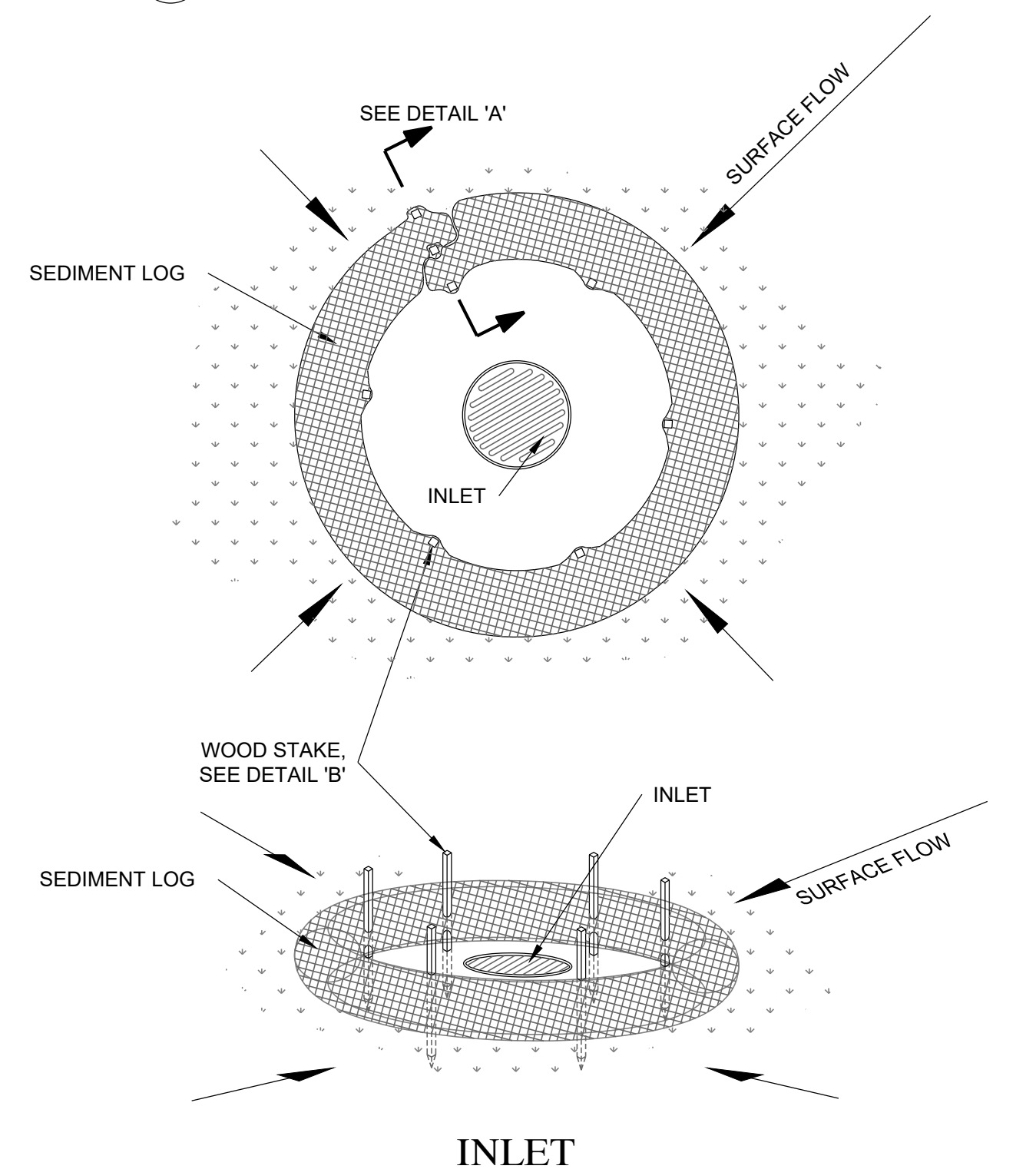
ATTACHING TWO SILT FENCES



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.

B CONSTRUCTION ENTRANCE

A SILT FENCE



C INLET PROTECTION

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.

CALL BEFORE YOU DIG. IT'S FREE & IT'S THE LAW.
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GILSON ENGINEERING
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 12401 SOUTH 450 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
 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**
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