OPTIONAL LINE ITEMS:

#1. PROVIDE PERMEABLE PAVEMENTS AT PARKING LOT - I.L.O. BITUMINOUS PAVEMENTS.

#2. PROVIDE LANDSCAPING (TREES, SHRUBS, GROUNT COVER) ON DRAWINGS LP-100 AND LP-500 - I.L.O. GRASS

#3. PROVIDE EPOXY FLOOR COATING IN SIM BAYS - I.L.O. ESD COATING

#4. PROVIDE PORCELAIN WALL TILE IN **RESTROOMS - I.L.O. PAINT WALL**

#5. PROVIDE PORCELAIN FLOOR TIILE IN **RESTROOMS - I.L.O. CONCRETE W/DENSIFIER.**

#6. PROVIDE ADDITIONAL UNDER FLOOR DRAINS.

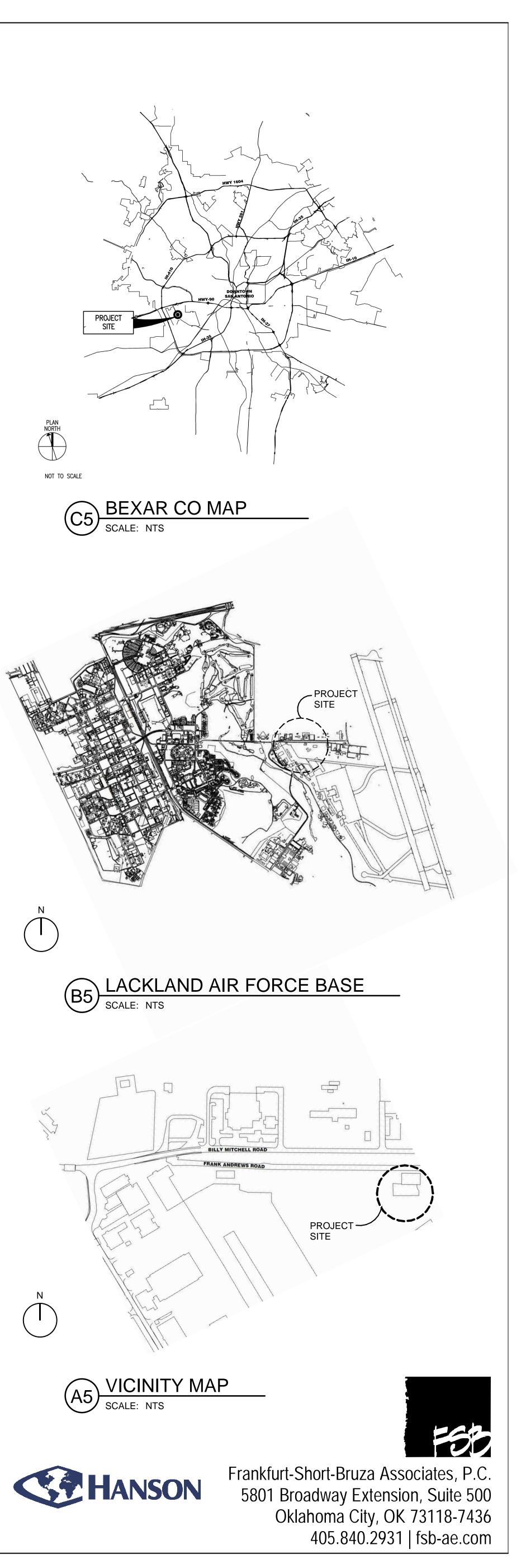
#7. PROVIDE ILLUMINATED INSIGNIA SIGNAGE.

#8. PROVIDE FIXED SEATING W/TABLET ARMS IN CLASSROOM 114 AND MOC-121.

Texas ANG - 149th FW Mission Training Center (MTC) Joint Base San Antonio - Kelly Field Annex Project Number: KELL189014



100 % Contract Documents 15 August 2024

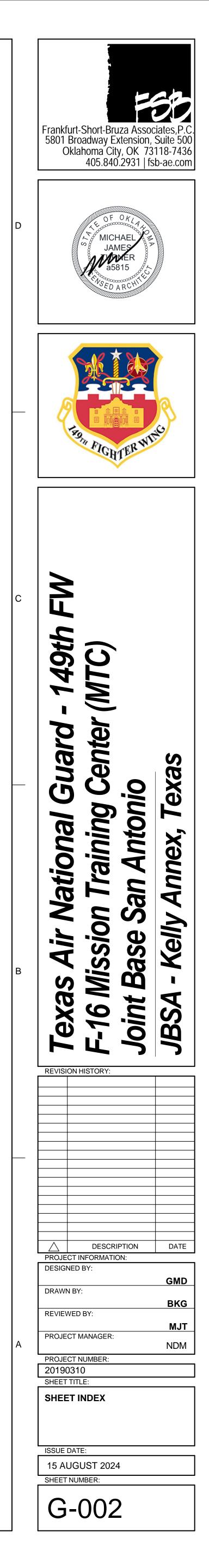


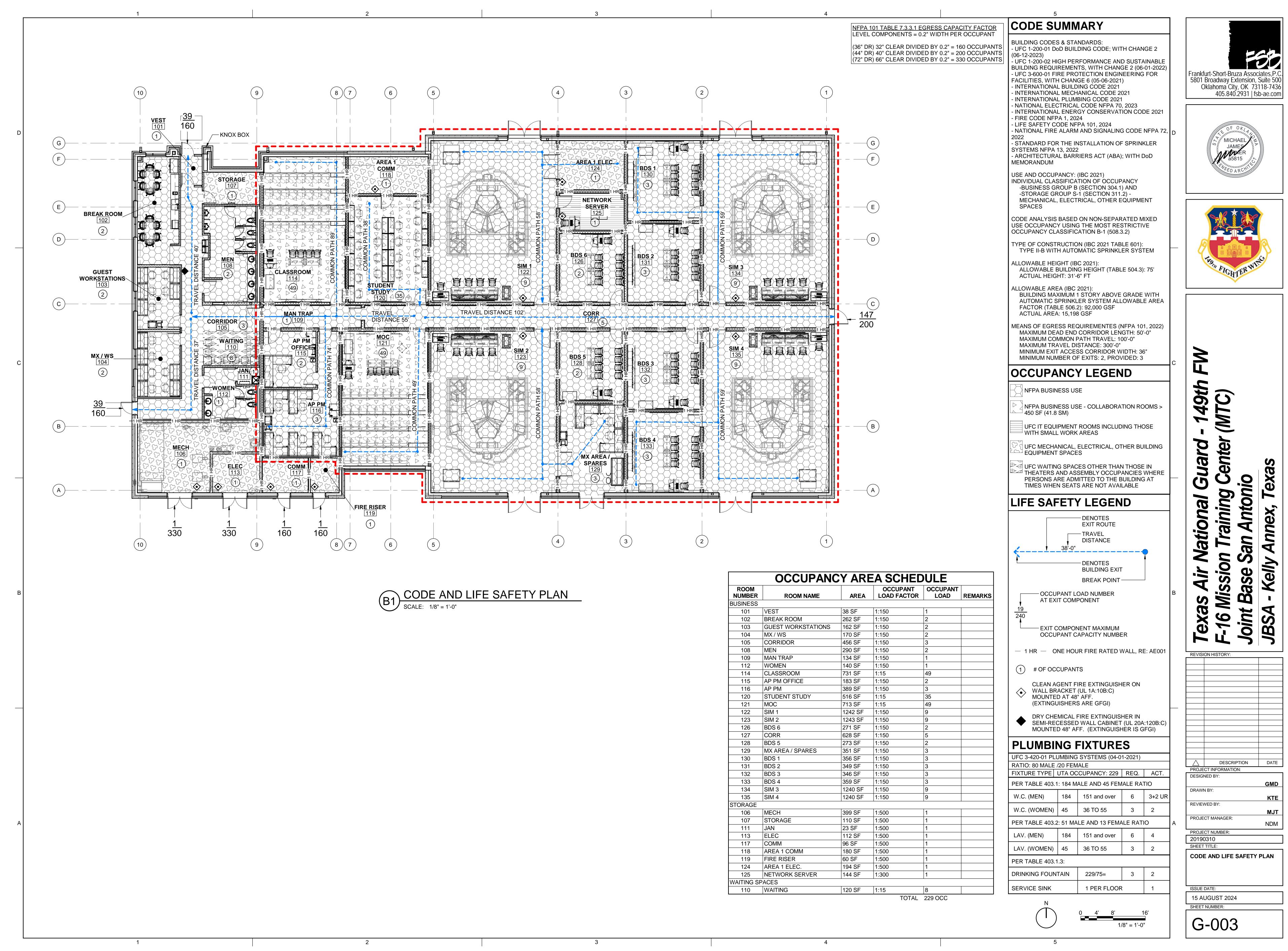


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	SHEET INDEX		SHEET INDEX
NUMBER GENERAL		NUMBER FIRE PROT	TITLE
G-001		F-001	FIRE PROTECTION LEGEND, ABBREVIATIONS, SCHEMATIC DIAGRAM
G-002	SHEET INDEX		AND ENLARGED PLAN
6-003	CODE AND LIFE SAFETY PLAN	FX101	FIRE SUPPRESSION PLAN
G-201	SPECIAL INSPECTIONS	FA101	FIRE ALARM / MASS NOTIFICATION PLAN
G-202	SPECIAL INSPECTIONS	FA601	FIRE ALARM / MASS NOTIFICATION RISER DIAGRAM
		FA701 PLUMBING	FIRE ALARM / MASS NOTIFICATION SYSTEM INPUT / OUTPUT MATRIX
C-100	EXISTING TOPOGRAPHIC SURVEY ACCESS AND STAGING PLAN	P-001	PLUMBING LEGEND & ABBREVIATIONS
C-101 C-201	STORMWATER POLLUTION PREVENTION PLAN	P-101	UNDERFLOOR PLUMBING PLAN
-201 -202	STORMWATER POLLUTION PREVENTION DETAILS	P-111	GROUND FLOOR PLUMBING PLAN
202 2-301	REMOVAL PLAN	P-401	ENLARGED PLUMBING PLANS
C-401	PROPOSED PLAN	P-501	PLUMBING DETAILS
C-402	TYPICAL SECTION AND PAVEMENT DETAILS	P-701	PLUMBING SCHEDULES
2-403	TYPICAL SECTION AND PAVEMENT DETAILS	MECHANIC	
2-404	FENCE DETAILS	M-001	LEGEND & ABBREVIATIONS
2-501	GRADING PLAN	MH101 MP101	MECHANICAL HVAC MECHANICAL PIPING
2-601		MP101 M-301	SECTIONS
;-602 ;-603	DRAINAGE SCHEDULE AND DETAILS DRAINAGE DETAILS	M-302	SECTIONS
-603 -604	SANITARY DETAILS	M-302 M-401	ENLARGED PLANS
-605	SANITARY DETAILS SANITARY DETAILS	M-501	DETAILS
-606	WATER DETAILS	M-502	DETAILS
c-607	WATER DETAILS	M-503	DETAILS
P-100	LANDSCAPE PLANTING PLAN	M-601	FLOW DIAGRAMS
P-500	PLANTING DETAILS/PLANT SCHEDULE	M-602	FLOW DIAGRAMS
TRUCTU		M-701	SCHEDULES
-001	GENERAL NOTES	M-702	SCHEDULES
-002	TYPICAL DETAILS	M-801 M-802	CONTROLS
-003	TYPICAL DETAILS	M-803	CONTROLS
-004 -005	TYPICAL DETAILS WIND & SNOW DIAGRAM	M-804	CONTROLS
-005	ISOMETRIC	M-805	CONTROLS
B101	FOUNDATION PLAN	M-806	CONTROLS
B102	SLAB AND WALL PLAN	ELECTRIC/	AL .
B501	FOUNDATION DETAILS	E-001	LEGEND, ABBREVIATIONS & MOUNTING HEIGHT DETAIL
SB502	FOUNDATION DETAILS	E-002	SPECIAL INSTRUCTIONS
SF101	LOW ROOF FRAMING PLAN	ES101	ELECTRICAL SITE PLAN
SF102	HIGH ROOF FRAMING PLAN	ES501 EG101	MANHOLE SITE DETAILS ELECTRICAL GROUNDING PLAN
SF201	FRAMING ELEVATIONS	EG101	ELECTRICAL LIGHTNING PROTECTION PLAN
SF501 SF502	FRAMING DETAILS FRAMING DETAILS	EG501	GROUNDING DETAILS
		EG502	LIGHTNING PROTECTION DETAILS
E001	PARTITION TYPES, ANNOTATION SYMBOLS, ABBREVIATIONS AND	EG601	ELECTRICAL GROUNDING SINGLE LINE
	ACCESSIBILITY MOUNTING HEIGHTS	EP101	ELECTRICAL INTERIOR POWER
E002	AIR BARRIER PLANS	EP401	ENLARGED ELECTRICAL PLANS & DETAILS
E101	FLOOR PLAN	EP601	ONE-LINE DIAGRAMS
E102	REFLECTED CEILING PLAN	EP700	PANEL SCHEDULES
E103	ROOF PLANS AND DETAILS	EP701	PANEL SCHEDULES
E201	BUILDING ELEVATIONS BUILDING ELEVATIONS	EP702 EL101	PANEL SCHEDULES ELECTRICAL INTERIOR LIGHTING
E202 E301	BUILDING SECTIONS	EL101 EL601	LIGHTING FIXTURE SCHEDULE & CONTROL DETAILS
E302	BUILDING SECTIONS BUILDING SECTIONS	EL602	LIGHT FIXTURE DETAILS
E303	WALL SECTIONS		IUNICATIONS
E304	WALL SECTIONS	EY101	TELECOMMUNICATIONS SPECIAL SYSTEMS GROUND FLOOR PLAN
E305	WALL SECTIONS	EY501	TELECOMMUNICATIONS SPECIALS SYSTEMS DETAILS
E401	ENLARGED PLANS AND DETAILS	EY601	TELECOMMUNICATIONS SPECIAL SYSTEMS RISER DIAGRAM
E402	INTERIOR ELEVATIONS AND DETAILS	ET101	TELECOMMUNICATIONS GROUND FLOOR PLAN
E403		ET401	TELECOMMUNICATIONS ENLARGED PLAN
E501	SECTION DETAILS SECTION DETAILS	ET501	TELECOMMUNICATIONS DETAILS TELECOMMUNICATIONS RISER DIAGRAM
E502 E503	SECTION DETAILS	ET601	
E503 E520	GENERAL NOTES AND TYPICAL RF SHIELDING DETAILS		
E601	ROOM FINISH SCHEDULE & GLAZING TYPES AND MISC. DETAILS		
E602	DOOR SCHEDULE, DOOR AND FRAME TYPES, DOOR DETAILS		
E603	DOOR DETAILS		
TERIOR	RS		
	FINISH PLAN - BASE BID		
N101			
N101 N102	FINISH PLANS - OLI #3 AND OLI #5		
N101 N102 F101	FURNITURE PLAN		
N101 N102 F101 G101 G500			





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				CIAL INSPECTIONS (2021 IBC)
	1 2	SPECIAL INSPECTIONS SHALL CONFORM TO CHA GENERAL REQUIREMENTS ARE LISTED BELOW A	APTER 17 OF THE	QUIRED BY SECTION 1704.3 OF THE 2021 INTERNATIONAL BUILDING CODE (IBC). E 2021 IBC AND OTHER APPLICABLE STANDARDS AS SUMMARIZED HEREIN. CHED SCHEDULE OF SPECIAL INSPECTIONS TABLES. SPECIAL INSPECTIONS DO Y WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
	3	ARE FOUND BETWEEN THE SPECIFICATIONS ANI	D THE SCHEDULE	CIAL INSPECTION OR TESTING REQUIREMENTS. IF CONFLICTING REQUIREMENTS ES OF SPECIAL INSPECTIONS, THE MOST STRINGENT PROVISION SHALL EGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
D	4 5	EACH SPECIAL INSPECTOR SHALL BE A QUALIFIE HAVING JURISDICTION, FOR THE INSPECTION OF PRIOR TO THE START OF CONSTRUCTION, EACH JURISDICTION DEMONSTRATING THEIR COMPET	ED PERSON WHO THE PARTICULA I SPECIAL INSPEC ENCE AND RELE ED EXPERIENCE	ES TO PROVIDE SPECIAL INSPECTIONS AND TESTS FOR THIS PROJECT. O SHALL DEMONSTATE COMPETENCE, TO THE SATISFACTION OF THE AUTHORITY AR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. CTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE AUTHORITY HAVING VANT EXPERIENCE OR TRAINING. EXPERIENCE OR TRAINING SHALL BE OR TRAINING IS RELATED IN COMPLEXITY TO THE SAME TYPE OF SPECIAL Y AND MATERIAL QUALITIES.
	6		EMAIN ACCESSIE	HE SPECIAL INSPECTOR. THE CONSTRUCTION OR WORK FOR WHICH SPECIAL BLE AND EXPOSED FOR SPECIAL INSPECTION OR TESTING PURPOSES UNTIL NG.
	7	THE CONTRACTOR IS RESPONSIBLE FOR PROVID THE PROJECT WILL BE READY FOR EFFICIENT IN		LE NOTICE TO THE SPECIAL INSPECTOR(S) REGARDING WHEN ELEMENTS OF OF SPECIAL INSPECTIONS.
	8	THE CONTRACTOR SHALL PROVIDE ACCESS TO INSPECTOR'S USE IN PERFORMING SPECIAL INS		RSION OF ALL APPROVED PLANS AND SHOP DRAWINGS FOR THE SPECIAL
	9	APPROVED SPECIAL INSPECTORS SHALL KEEP F REPORTS OF SPECIAL INSPECTIONS AND TESTS IN RESPONSIBLE CHARGE. REPORTS SHALL IND WITH THE APPROVED CONSTRUCTION DOCUME HAVING JURISDICTION AND TO THE REGISTERED PHASE OF THE WORK. A FINAL REPORT DOCUM	RECORDS OF THE TO THE AUTHOF DICATE THAT WOR NTS. DISCREPAN D DESIGN PROFE ENTING REQUIRE	EIR SPECIAL INSPECTIONS AND TESTS. THE SPECIAL INSPECTOR SHALL SUBMIT RITY HAVING JURISDICTION AND TO THE REGISTERED DESIGN PROFESSIONALS RK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE NCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE AUTHORITY SSIONALS IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT ED SPECIAL INSPECTIONS AND TESTS, AND CORRECTION OF DISCREPANCIES, TO THE START OF WORK BY THE OWNER OR OWNER'S AUTHORIZED AGENT TO
	10	OR ASSEMBLIES IS BEING CONDUCTED ON THE I	PREMISES OF A F	ION OF STRUCTURAL, LOAD-BEARING, OR LATERAL LOAD-RESISTING MEMBERS FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BI CATOR HAS BEEN APPROVED TO PERFORM WORK WITHOUT SPECIAL
	A	TO PERFORM SUCH WORK WITHOUT SPECIAL IN FABRICATION PROCEDURES AND QUALITY CONT	SPECTION. APPI TROL MANUALS T	D WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR APPROVED ROVAL SHALL BE BASED ON REVIEW OF THE FABRICATOR 'S WRITTEN HAT PROVIDE A BASIS FOR CONTROL OF MATERIALS AND WORKMANSHIP, WITH RACTICES BY AN APPROVED AGENCY OR THE AUTHORITY HAVING JURISDICTION
С	В		JTHORITY HAVING	SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE OWNER OR OWNER 'S G JURISDICTION AS SPECIFIED IN 2021 IBC SECTION 1704.5 STATING THAT THE CONSTRUCTION DOCUMENTS.
	11		REPORTS AND C	ITION TO THE SUBMITTAL OF REPORTS OF SPECIAL INSPECTIONS AND TESTS IN ERTIFICATES SHALL BE SUBMITTED BY THE OWNER OR THE OWNER'S FOR EACH OF THE FOLLOWING, AS APPLICABLE:
	A			ICTURAL, LOAD-BEARING, OR LATERAL LOAD RESISTING MEMBERS OR IN ACCORDANCE WITH 2021 IBC SECTION 1704.2.5.1.
		ACCORDANCE WITH 2021 IBC SECTION 1705.14.2 CERTIFICATES OF COMPLIANCE FOR DESIGNATE CERTIFICATES OF COMPLIANCE FOR OPEN WEB	ED SEISMIC SYST STEEL JOISTS A G COMPLIANCE W	IN OF NONSTRUCTURAL COMPONENTS, SUPPORTS, AND ATTACHMENTS IN TEMS IN ACCORDANCE WITH 2021 IBC SECTION 1705.14.3. ND JOIST GIRDERS IN ACCORDANCE WITH 2021 IBC SECTION 2207.5. VITH THE REQUIREMENTS OF AWS D1.4 FOR WELDABILITY OF REINFORCING BAR RE TO BE WELDED.
	F	AXIAL FORCES IN SPECIAL MOMENT FRAMES, SF	PECIAL STRUCTU	WITH ASTM A615 AND USED TO RESIST EARTHQUAKE-INDUCED FLEXURAL OR IRAL WALLS, OR COUPLING BEAMS CONNECTING SPECIAL STRUCTURAL WALLS INED TO SEISMIC DESIGN CATEGORY B, C, D, E, OR F.
	12 A	OBSERVE" SHALL MEAN TO INSPECT THE ITEM INSPECTIONS. FREQUENCY OF OBSERVATIONS WITH THE APPLICABLE DOCUMENTS. IN THE EVI	S) ON AN INTERM SHALL BE ADEQUENT THAT OBSEF	SPECIFIED IN THE ATTACHED SCHEDULE OF SPECIAL INSPECTION TABLES: IITTENT, PERIODIC BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESI UATE TO CONFIRM THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE RVATIONS DETERMINE THAT THE MATERIALS AND / OR WORKMANSHIP ARE NOT INAL INSPECTIONS SHALL BE PERFORMED TO DETERMINE THE EXTENT OF
	B C			M OR ELEMENT PRIOR TO FINAL ACCEPTANCE. NING OF THE TASK(S) BY A SPECIAL INSPECTOR OVER THE DURATION OF
В	D	DOCUMENT" SHALL MEAN TO DOCUMENT IN A R THAT THE WORK HAS OR HAS NOT BEEN PERFO		ER WRITTEN DOCUMENTATION, IN ADDITION TO ALL OTHER REQUIRED REPORTS DANCE WITH THE CONTRACT DOCUMENTS.
		STRUCTURAL MAS	ONRY CONSTRU	CTION LEVEL 2 RISK CATEGORY I, II OR III DESCRIPTION
			TYPE FOLLOWING ARE	E IN COMPLIANCE WITH 2021 IBC 1705.4 AND TMS 602-16 TABLE 3.
	1	COMPLIANCE OF SUBMITTALS	OBSERVE	
	2	MASONRY (fm)		IN COMPLIANCE WITH 2021 IBC 1705.4 AND TMS 602-16 TABLE 3.
	3	SELF-CONSOLIDATING GROUT	OBSERVE	SLUMP FLOW VISUAL STABILITY INDEX (VSI)
		AS CONSTRUCTION BEGINS, VERIFY THE	FOLLOWING AR	E IN COMPLIANCE WITH 2021 IBC 1705.4 AND TMS 602-16 TABLE 4.
	4	SITE-PREPARED MORTAR REINFORCEMENT, CONNECTORS, AND ANCHOR	OBSERVE	VERIFY PROPORTIONS.
	5	BOLTS SAMPLE PANEL CONSTRUCTION	OBSERVE	TYPE, GRADE, AND SIZE.
	7	,	1	N COMPLIANCE WITH 2021 IBC 1705.4 AND TMS 602-16 TABLE 4.
	8	GROUT SPACE REINFORCEMENT, CONNECTORS, AND ANCHOR	OBSERVE	
	9	BOLTS SITE-PREPARED GROUT	OBSERVE	VERIFY PROPORTIONS.
	10	DURING CONSTRUCTION, VERIFY THE F	FOLLOWING ARE	IN COMPLIANCE WITH 2021 IBC 1705.4 AND TMS 602-16 TABLE 4. VERIFY PERFORMED IN ACCORDANCE WITH THE APPROVED SUBMITTALS.
A	11	MASONRY UNITS AND MORTAR JOINTS	OBSERVE	VERIFY PLACEMENT. VERIFY SIZE AND LOCATION.
	12	ANCHORS AND OTHER ANCHORAGE	OBSERVE	 TYPE, SIZE, AND LOCATION VERIFY OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION
	14	WELDING OF REINFORCEMENT	CONTINUOUS	VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 INSPECT IN ACCORDANCE WITH AWS D1.4
	15	PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY	OBSERVE	COLD WEATHER PROCEDURES HOT WEATHER PROCEDURES
	16	GROUT PLACEMENT	CONTINUOUS	VERIFY PREPARATION, PROCEDURES, AND TECHNIQUES.

17 GROUT AND MORTAR SPECIMENS

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			GEOTECHNICAI	SOILS INSPECTION
G CODE (IBC). HEREIN.		TASK	INSPECTION TYPE	DESCRIPTION
SPECTIONS DO		DURING CONSTRUCTION, V	/ERIFY THE FOLL	OWING ARE IN COMPLIANCE WITH 2021 IBC 1705.6.
REQUIREMENTS	1	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS	OBSERVE	ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY
SHALL	2	VERIFY EXCAVATIONS	OBSERVE	EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL
JECT.	3	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	OBSERVE	
THE AUTHORITY . INSPECTION. DRITY HAVING ALL BE F SPECIAL	4	DURING FILL PLACEMENT VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT.	CONTINUOUS	MATERIALS, DENSITIES, AND LIFT THICKNESSES
IICH SPECIAL DSES UNTIL	5	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY	OBSERVE	DURING FILL PLACEMENT, THE SPECIAL INSPECTOR SHALL VERIFY THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT.

CIAL				STRUCTION, INCLUDING COMPOSITE DECK
LL SUBMIT		TASK	INSPECTION TYPE	DESCRIPTION
SIONALS		VERIFY THE FOLL	OWING ARE IN C	COMPLIANCE WITH 2021 IBC TABLE 1705.3.
RMANCE THORITY THAT	1	INSTALLATION OF FORMWORK	OBSERVE	VERIFY SHAPE, LOCATION, AND DIMENSIONS OF MEMBER BEING FORMED.
PANCIES, AGENT TO MEMBERS IS SHALL BE	2	INSTALLATION OF REINFORCEMENT, INCLUDING PRESTRESSING TENDONS	OBSERVE	 BONDED REINFORCEMENT SHALL BE FREE OF UNACCEPTABLE RUST AND ICE, MUD, OIL, OR OTHER DELETERIOUS COATINGS THAT DECREASE BOND TYPE, GRADE, AND SIZE LOCATION, ORIENTATION, SPACING, AND CLEARANCES PROPER PLACEMENT OF HOOKS, BENDS, TIES, STIRRUPS, AND SUPPLEMENTAL REINFORCEMENT LAP LENGTHS, STAGGER, AND OFFSETS PROVIDED ALL MECHANICAL CONNECTIONS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND / OR EVALUATION REPORT
PPROVED Ship, with	3	REINFORCING BAR WELDING, SINGLE PASS FILLET 5/16" MAXIMUM	OBSERVE	VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 INSPECT IN ACCORDANCE WITH AWS D1.4
RISDICTION.	4	REINFORCING BAR WELDING, ALL OTHER WELDS	CONTINUOUS	VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 INSPECT IN ACCORDANCE WITH AWS D1.4
OWNER 'S HAT THE D TESTS IN	5	CAST-IN-PLACE ANCHORS	OBSERVE	PRIOR TO PLACEMENT OF CONCRETE: • TYPE, GRADE, AND SIZE • LOCATIONS, SPACING, AND CLEARANCES • LENGTH AND EXTENT OR DEPTH OF EMBEDMENT
R	6	POST-INSTALLED MECHANICAL ANCHORS	OBSERVE	 TYPE, GRADE, AND SIZE LOCATIONS, SPACING, CLEARANCES, AND EDGE DISTANCES LENGTH AND EXTENT OR DEPTH OF EMBEDMENT
TS IN RCING BARS RAL OR AL WALLS	7	POST-INSTALLED ADHESIVE ANCHORS	OBSERVE	 VERIFY MINIMUM AGE, TEMPERATURE, AND MOISTURE CONDITION AT THE TIME OF ANCHOR INSTALLATION OF THE CONCRETE SUBSTRATE HOLE DRILLING AND PREPARATION REQUIREMENTS TYPE, GRADE, AND SIZE LOCATIONS, SPACING, CLEARANCES, AND EDGE DISTANCES LENGTH AND EXTENT OR DEPTH OF EMBEDMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND / OR EVALUATION REPORT PROOF LOADING, IF REQUIRED BY CONTRACT DOCUMENTS
LES: DING THESE RDANCE	8	POST-INSTALLED ADHESIVE ANCHORS INSTALLED IN A HORIZONTAL OR UPWARD INCLINED ORIENTATION AND RESIST SUSTAINED TENSION LOADS	CONTINUOUS	 ALL ITEMS LISTED FOR TASK NO. 7 ABOVE INSTALLER CERTIFIED IN ACCORDANCE WITH AN APPLICABLE ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM
ARE NOT T OF	9	VERIFY USE OF REQUIRED MIX DESIGN	OBSERVE	VERIFY THAT ALL MIXES USED COMPLY WITH THE APPROVED CONSTRUCTION DOCUMENTS.
ЭF	10	FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	CONTINUOUS	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE STRENGTH TEST SPECIMENS, VERIFY THESE TESTS ARE PERFORMED BY QUALIFIED TECHNICIANS.
REPORTS,	11	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	CONTINUOUS	SEGREGATION AND / OR CONTAMINATION AVOIDED DURING CONVEYANCE AND DEPOSITING PROPER CONSOLIDATION
	12	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	OBSERVE	CURING PROCEDURES AND TEMPERATURE COLD WEATHER PROTECTION HOT WEATHER PROTECTION
	13	PRESTRESSED CONCRETE	CONTINUOUS	APPLICATION OF PRESTRESSING FORCES GROUTING OF BONDED PRESTRESSING TENDONS

STRUCTURAL BRICK VENEER MASONRY LEVEL 1 RISK CATEGORY I, II OR III					
	TASK	INSPECTION TYPE	DESCRIPTION		
	PRIOR TO CONSTRUCTION, VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH 2021 IBC 1705.4 AND TMS 602-16 TABLE 3.				
1	COMPLIANCE OF SUBMITTALS	OBSERVE			

	STRUCTURAL OPEN-WEB STEEL JOISTS AND JOIST GIRDERS						
	TASK	TASK INSPECTION TYPE DESCRIPTION					
	VERIFY THE FO	OLLOWING ARE I	N COMPLIANCE WITH 2021 IBC 1705.2.3.				
1	VERIFY INSTALLATION	OBSERVE	 MEMBER SIZES AND LOCATIONS END CONNECTIONS, WELDED OR BOLTED BRIDGING, HORIZONTAL AND / OR DIAGONAL 				

3

OBSERVE VERIFY THE TEST SPECIMENS ARE PREPARED BY QUALIFIED TECHNICIANS.

	STRUCTUR	AL COLD-FOI	RMED METAL DECK PLACEMENT
	TASK	INSPECTION TYPE	DESCRIPTION
	PRIOR TO DECK PLACEMENT, VERIFY THE FOLLOW	NG ARE IN COM	PLIANCE WITH 2021 IBC 1705.2.2 AND SDI QA/QC-2017 APPENDIX 1 TABLE 1.1.
1	VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS	PERFORM	 PROFILES MATERIAL PROPERTIES BASE METAL THICKNESS
2	ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	DOCUMENT	
	DURING DECK PLACEMENT, VERIFY THE FOLLOWI	NG ARE IN COMP	LIANCE WITH 2021 IBC 1705.2.2 AND SDI QA/QC-2017 APPENDIX 1 TABLE 1.2
3	VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	PERFORM	
4	VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	PERFORM	
5	ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	DOCUMENT	
	AFTER DECK PLACEMENT, VERIFY THE FOLLOWIN	IG ARE IN COMPI	LIANCE WITH 2021 IBC 1705.2.2 AND SDI QA/QC-2017 APPENDIX 1 TABLE 1.3
6	WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE	OBSERVE	
7	MANUFACTURERS CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	OBSERVE	
8	MATERIAL IDENTIFICATION	OBSERVE	TYPE AND GRADE.
9	CHECK WELDING EQUIPMENT	OBSERVE	

4

	STRUCTURAL	COLD-FORMED N	METAL DECK MECHANICAL FASTENING
	TASK	INSPECTION TYPE	DESCRIPTION
BEF	FORE MECHANICAL FASTENING, VERIFY THE FOLLC	WING ARE IN CC	MPLIANCE WITH 2021 IBC 1705.2.2 AND SDI QA/QC-2017 APPENDIX 1 TABLE 1.6.
1	MANUFACTURER INSTALLATION INSTRUCTIONS FOR FASTENERS AVAILABLE	OBSERVE	
2	PROPER TOOLS FOR FASTENER INSTALLATION AVAILABLE	OBSERVE	
3	PROPER STORAGE PROVIDED FOR FASTENERS	OBSERVE	
DU	RING MECHANICAL FASTENING, VERIFY THE FOLLO	WING ARE IN CC	MPLIANCE WITH 2021 IBC 1705.2.2 AND SDI QA/QC-2017 APPENDIX 1 TABLE 1.7
4	FASTENERS POSITIONED AS REQUIRED	OBSERVE	
5	FASTENERS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	OBSERVE	
AF	TER MECHANICAL FASTENING, VERIFY THE FOLLO	WING ARE IN CO	MPLIANCE WITH 2021 IBC 1705.2.2 AND SDI QA/QC-2017 APPENDIX 1 TABLE 1.8
6	INSTALLATION OF SUPPORT FASTENERS	PERFORM	TYPE SPACING INSTALLATION
7	INSTALLATION OF SIDELAP FASTENERS	PERFORM	TYPE SPACING INSTALLATION
8	INSTALLATION OF PERIMETER FASTENERS	PERFORM	TYPE SPACING INSTALLATION
9	REPAIR ACTIVITIES	PERFORM	
10	ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS	DOCUMENT	

		STRUCTURAL	STEEL BOLTING
	TASK	INSPECTION TYPE	DESCRIPTION
	PRIOR TO BOLTING, VERIFY THE FOLLOW	VING ARE IN CO	MPLIANCE WITH 2021 IBC 1705.2.1 AND AISC 360-16 TABLE N5.6-1.
1	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	PERFORM	
2	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	OBSERVE	
3	PROPER FASTENERS SELECTED FOR JOINT DETAIL	OBSERVE	TYPE AND GRADE. LENGTH (IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)
4	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	OBSERVE	
5	CONNECTING ELEMENTS, INCLUDING APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	OBSERVE	
6	PROTECTED STORAGE PROVIDED	OBSERVE	BOLTS, NUTS, AND WASHERS OTHER FASTENER COMPONENTS
7	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	OBSERVE	
	DURING BOLTING, VERIFY THE FOLLOW	ING ARE IN COM	IPLIANCE WITH 2021 IBC 1705.2.1 AND AISC 360-16 TABLE N5.6-2.
8	FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS POSITIONED AS REQUIRED	OBSERVE	
9	JOINT BROUGHT TO SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	OBSERVE	
10	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	OBSERVE	
11	FASTENERS PRETENSIONED IN ACCORDANCE WITH RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	OBSERVE	
	AFTER BOLTING, VERIFY THE FOLLOWI	NG ARE IN COM	PLIANCE WITH 2021 IBC 1705.2.1 AND AISC 360-16 TABLE N5.6-3.
12	ACCEPTANCE OR REJECTION OF ALL BOLTED CONNECTIONS	DOCUMENT	

5



	STRUCTURAL STEEL WELDING							
	TASK		DESCRIPTION					
	PRIOR TO WELDING, VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH 2021 IBC 1705.2.1 AND AISC 360-16 TABLE N5.4-1.							
1	VERIFY THE WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	OBSERVE	WELDING BY WELDERS, WELDING OPERATORS, AND TACK WELDERS WHO A QUALIFIED IN CONFORMANCE WITH REQUIREMENTS.					
2	VERIFY THAT THE WELDING PROCEDURE SPECIFICATIONS (WPS) ARE AVAILABLE	PERFORM						
3	VERIFY THAT THE MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE	PERFORM						
4	VERIFY MATERIAL IDENTIFICATION	OBSERVE	TYPE AND GRADE.					
5	WELDER IDENTIFICATION SYSTEM	OBSERVE	THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEI BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.					
6	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	OBSERVE	 JOINT PREPARATION DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION) BACKING TYPE AND FIT (IF APPLICABLE) 					
7	CONFIGURATION AND FINISH OF ACCESS HOLES	OBSERVE						
8	FIT-UP OF FILLET WELDS	OBSERVE	 DIMENSIONS (ALIGNMENT, GAPS AT ROOT) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION) 					
	DURING WELDING, VERIFY THE FOLLOW	/ING ARE IN COM	MPLIANCE WITH 2021 IBC 1705.2.1 AND AISC 360-16 TABLE N5.4-2.					
9	CONTROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE	PACKAGING ELECTRODE ATMOSPHERIC EXPOSURE CONTROL					
10	NO WELDING OVER CRACKED TACK WELDS	OBSERVE						
11	ENVIRONMENTAL CONDITIONS	OBSERVE	WIND SPEED WITHIN LIMITS MOISTURE / PRECIPITATION TEMPERATURE					
12	WELDING PROCEDURE SPECIFICATIONS (WPS) FOLLOWED	OBSERVE	 SETTINGS ON WELDING EQUIPMENT TRAVEL SPEED SELECTED WELDING MATERIALS SHIELDING GAS TYPE AND FLOW RATE PREHEAT APPLIED INTERPASS TEMPERATURE MAINTAINED (MINIMUM AND MAXIMUM) PROPER POSITION (F, V, H, OH) INTERMIX OF FILLER METALS AVOIDED 					
13	WELDING TECHNIQUES	OBSERVE	 INTERPASS AND FINAL CLEANING EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS 					
			IPLIANCE WITH 2021 IBC 1705.2.1 AND AISC 360-16 TABLE N5.4-3.					
14	WELDS CLEANED SIZE, LENGTH, AND LOCATION OF ALL WELDS	OBSERVE	VERIFY CONFORM TO THE REQUIREMENTS OF THE DETAIL DRAWINGS.					
16	WELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM	 CRACK PROHIBITION WELD AND BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILE WELD SIZE UNDERCUT POROSITY 					
17	ARC STRIKES	PERFORM						
18	K-AREA	PERFORM	WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENEF HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-ARE FOR CRACKS WITHIN 3 INCHES OF THE WELD.					
19	WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	PERFORM	AFTER ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES, AS DEFINED AISC 360-16 SECTIONS A3.1C AND A3.1D RESPECTIVELY, ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.					
20	BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED, WHERE REQUIRED	PERFORM						
21	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT APPROVAL OF THE EOR	OBSERVE						
22	REPAIR ACTIVITIES	PERFORM						

1



3

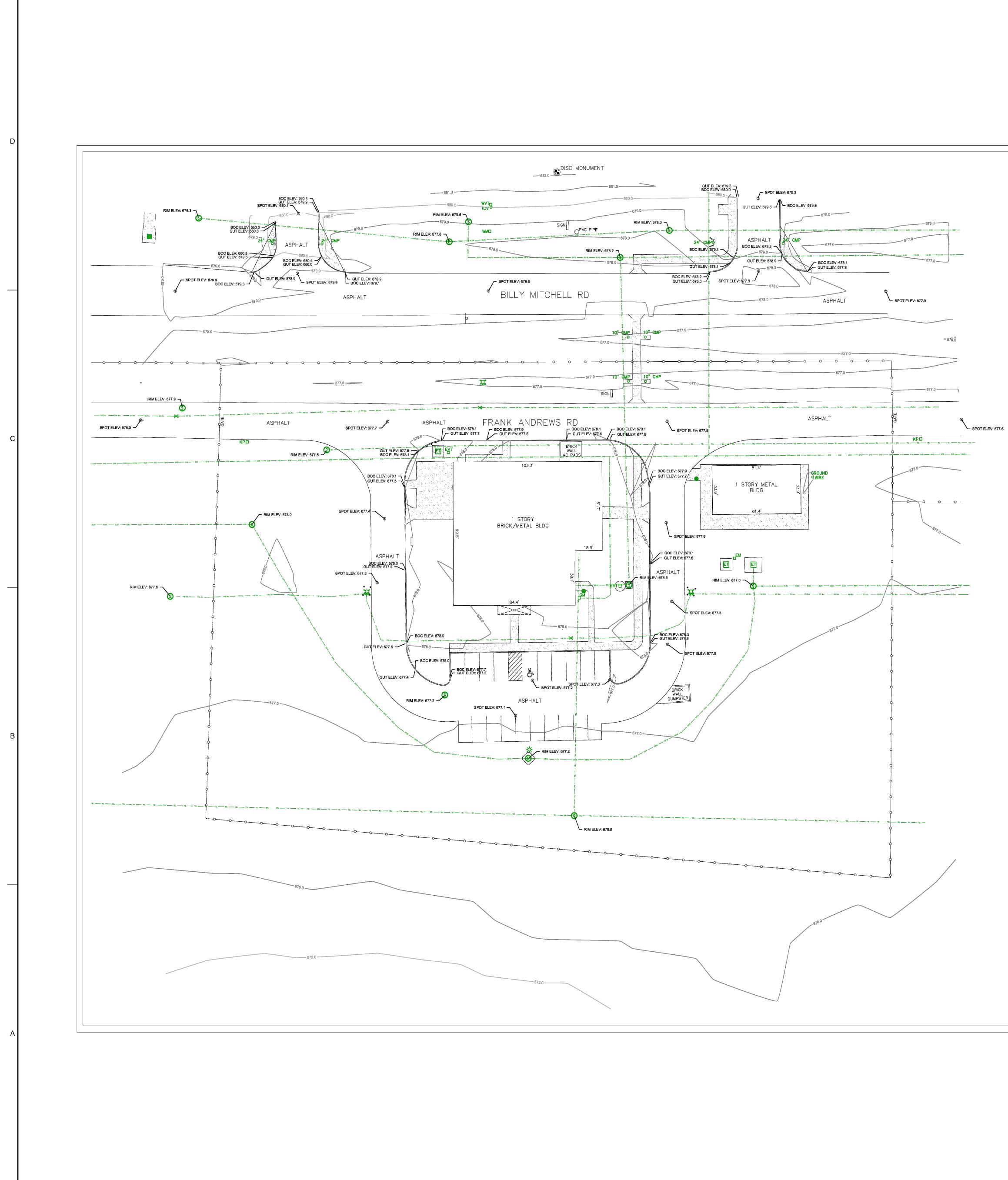
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SURVEYOR'S NOTES 1. Underground utility installations, underground

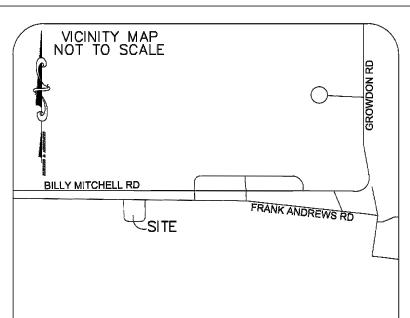
improvements, foundations and/or other underground structures were not located by this Survey. 2. The Surveyor did not abstract the subject property. This Survey is based on documentation provided by the Client and/or Title Company.

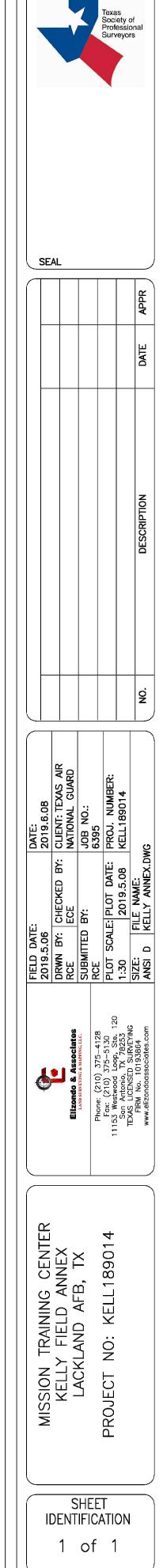
3. This Survey was completed without the benefit of a Title Commitment. There may be easements or other matters of instrument not shown on this Survey.

4. This is a Topographic Survey only, No boundary or easement lines were established as per scope of services 5. Underground utility locations are based on a combination of existing utility maps, visible inspection, and third party utility locators. Exact location needs to be field verified prior to any construction or excavation. 6. All manholes observed were filled with water. Inverts, Size, Type and Elevations were not possible at the time of this survey.

7. All measurements shown are in U.S. Survey Feet. 8. All coordinates are based on the Texas Coordinate System, South Central Zone, North American DATUM of 1983.

9. All coordinates shown are Grid Values and may be converted to Surface by multiplying by the Surface Adjustment Factor of 1.00016 Units: U.S. Survey Feet. 10. All Elevations shown are based on NAVD88, using GEOID 12A.





LEGEND

DISC MONUMENT

ICVO IRRIGATION CONTROL VALVE

CMPO CORRUGATED METAL PIPE

RCPO REINFORCED CONCRETE PIPE

PVCO POLY VINYL CHLORIDE PIPE

WVT 🗆 WATER VAULT

EVT 🗆 ELECTRIC VAULT

WMD WATER METER

EM ELECTRIC METER

METAL GRATE

🗙 WATER VALVE

ELECTRIC MANHOLE

S SANITARY SEWER MANHOLE C COMMUNICATION MANHOLE S STORM DRAIN MANHOLE

BOLLARD

KPI KEY PAD

CONC CONCRETE

CLEAN OUT

💢 FIRE HYDRANT 🔆 LIGHT POLE

- TE - UNDERGROUND TELEPHONE - MAGE WAS - UNDERGROUND GAS

5

ET ELECTRIC TRANSFORMER

GMI GAS METER

O SIGN

l, Enrique C. Elizondo, a Registered Professional Land Surveyor do hereby certify that this plat represents an actual survey made on the ground under my supervision and substantially complies with the minimum standards for land surveying in Texas as set forth by the Texas Board of Professional Land Surveying and that there are no encroachments or visible easements, to the best of my knowledge and belieif, except as shown herein. This 8th day of May, 2019.

What Elizonth

Texas Registration No. 6386

henry@elizondoassociates.com

www.elizondoassociates.com

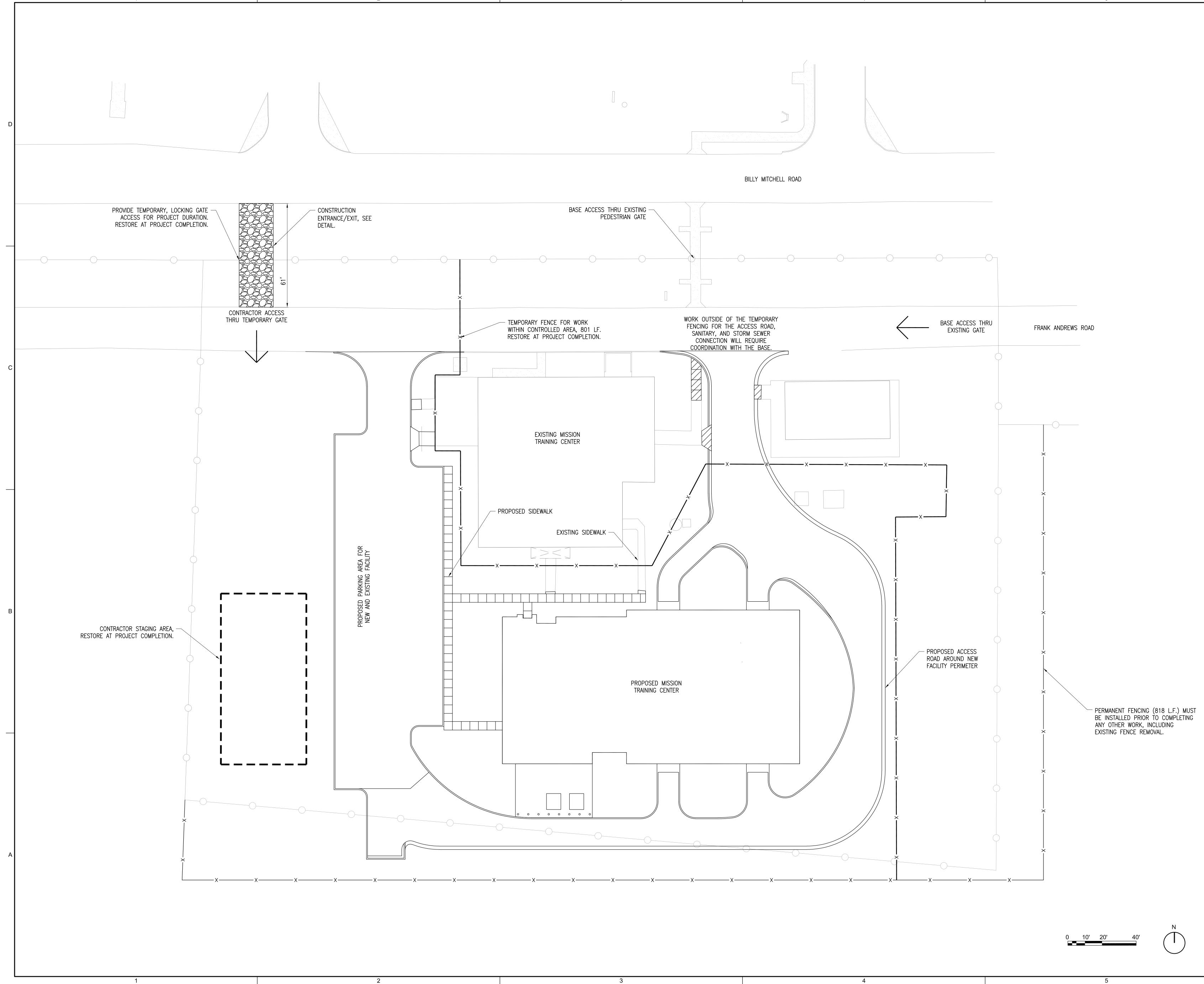
Registered Professional Land Surveyor

Millet

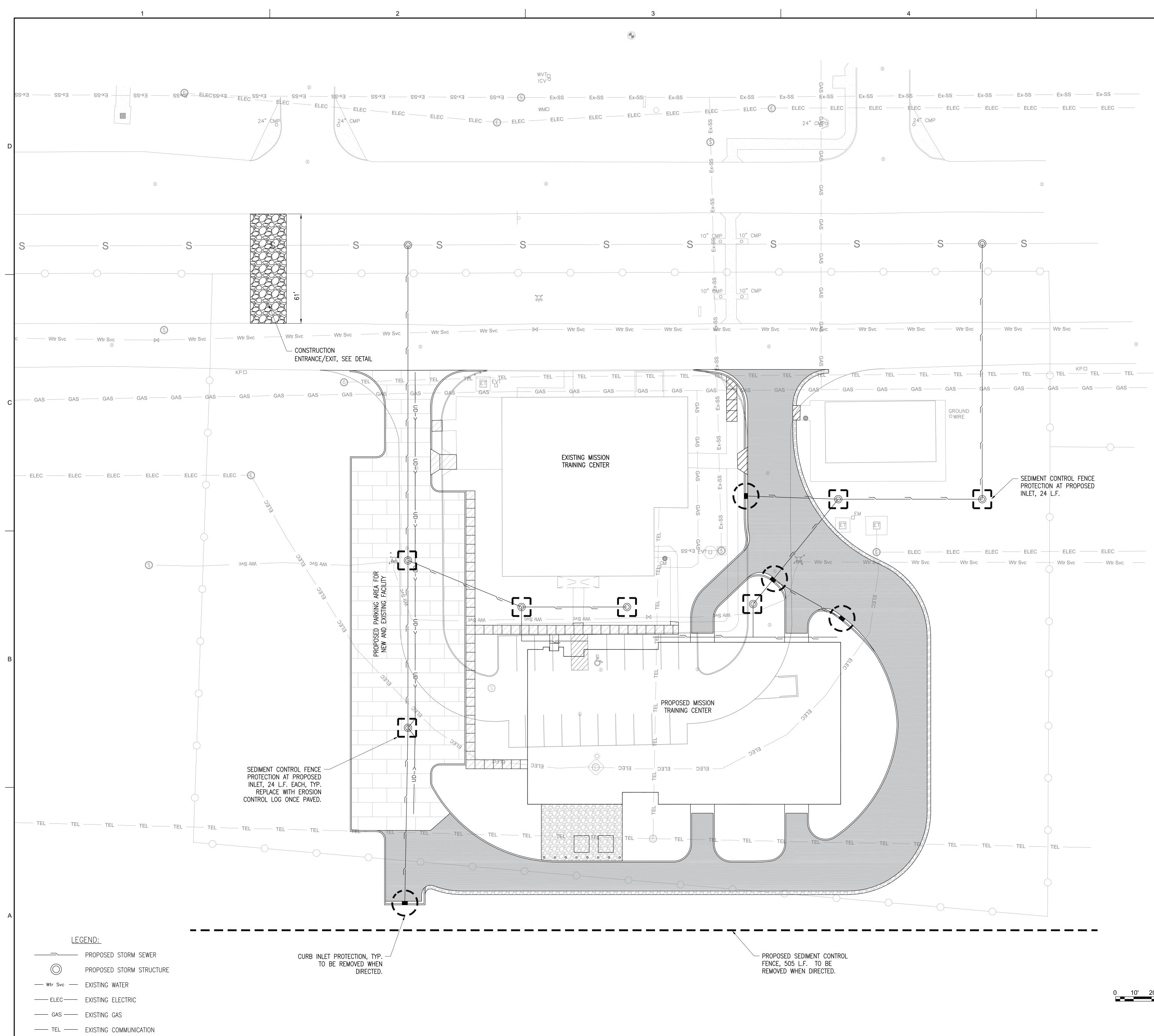
Enrique C. Elizondo,



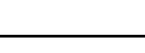


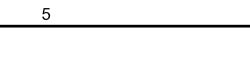




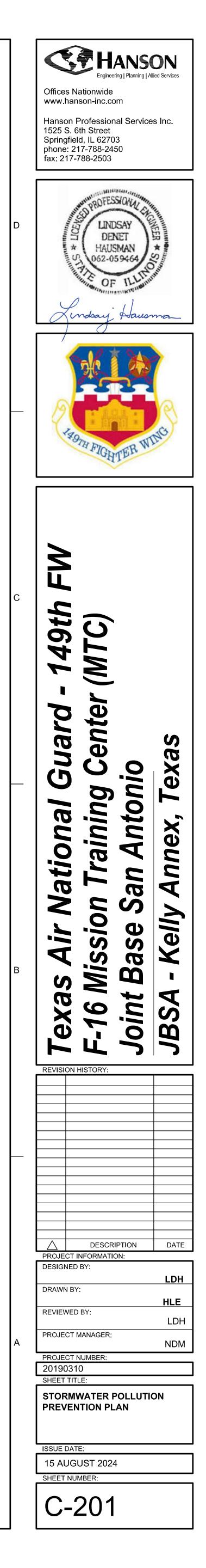


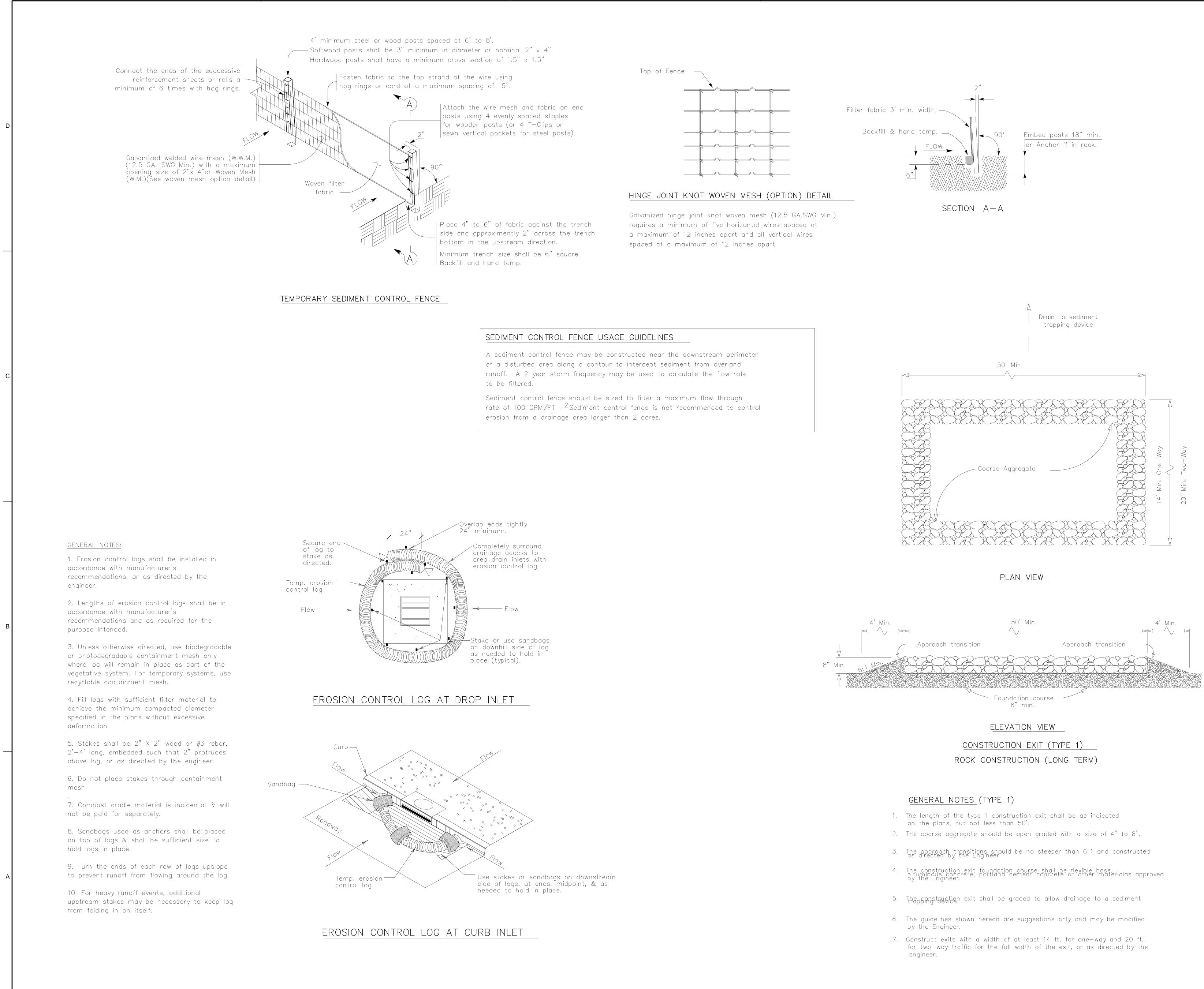


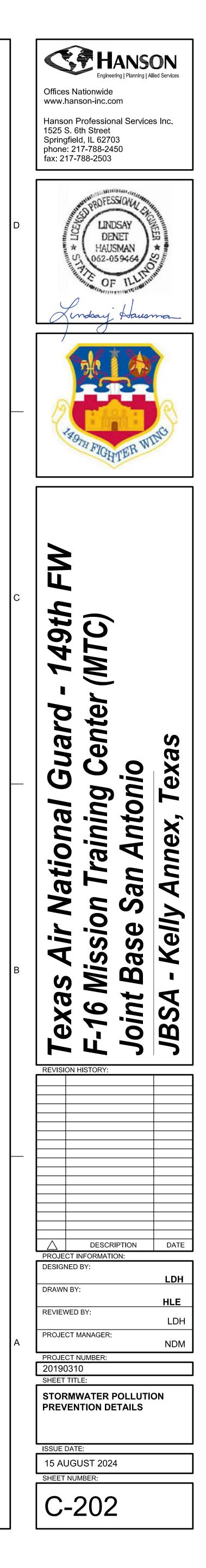


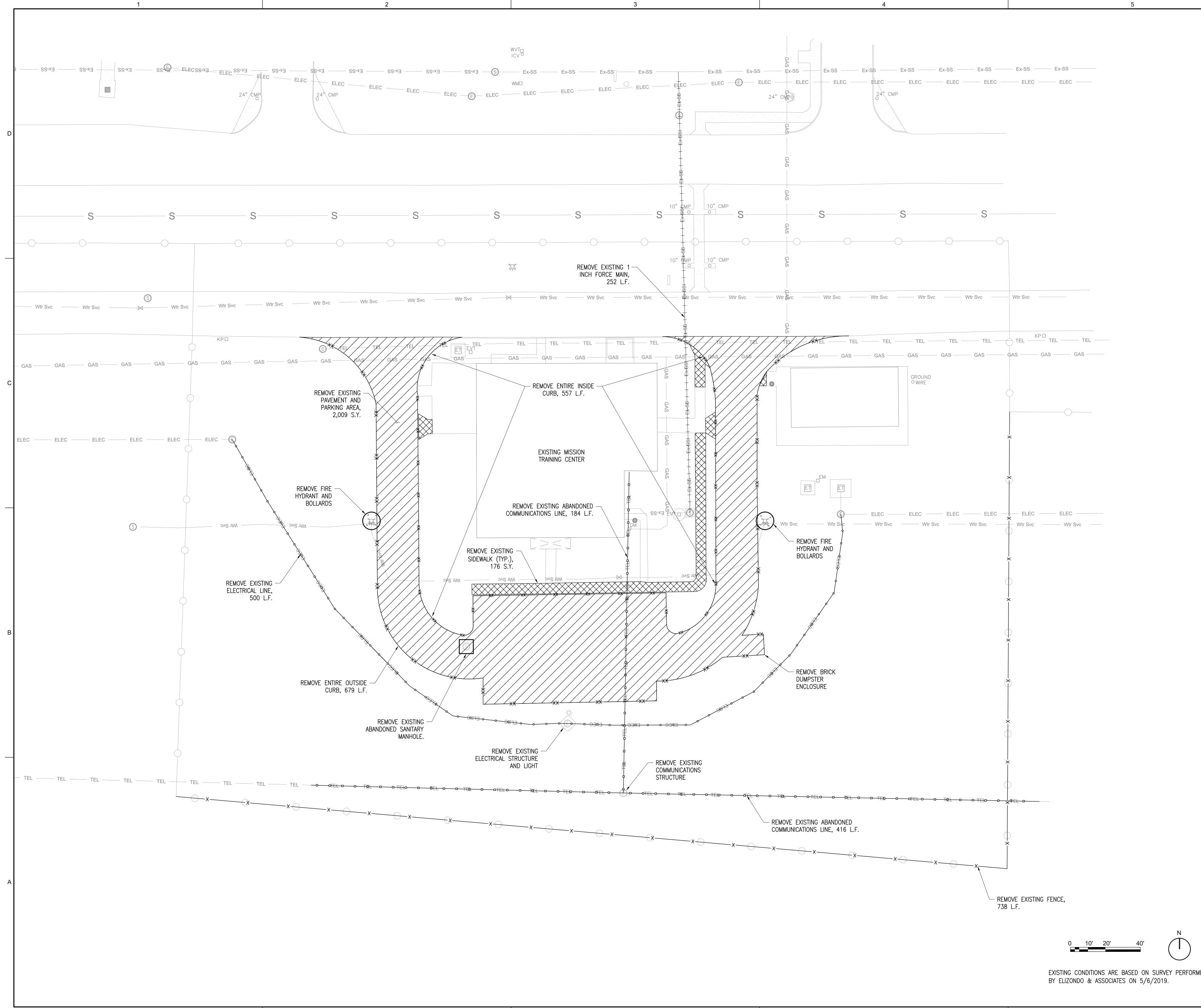


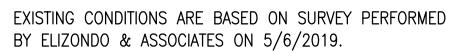


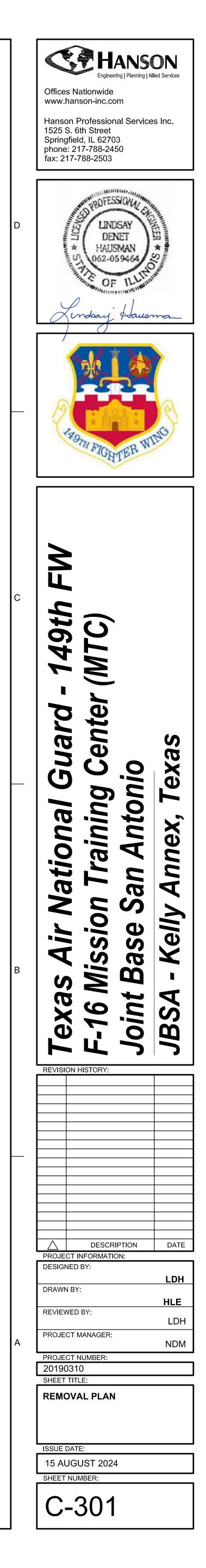


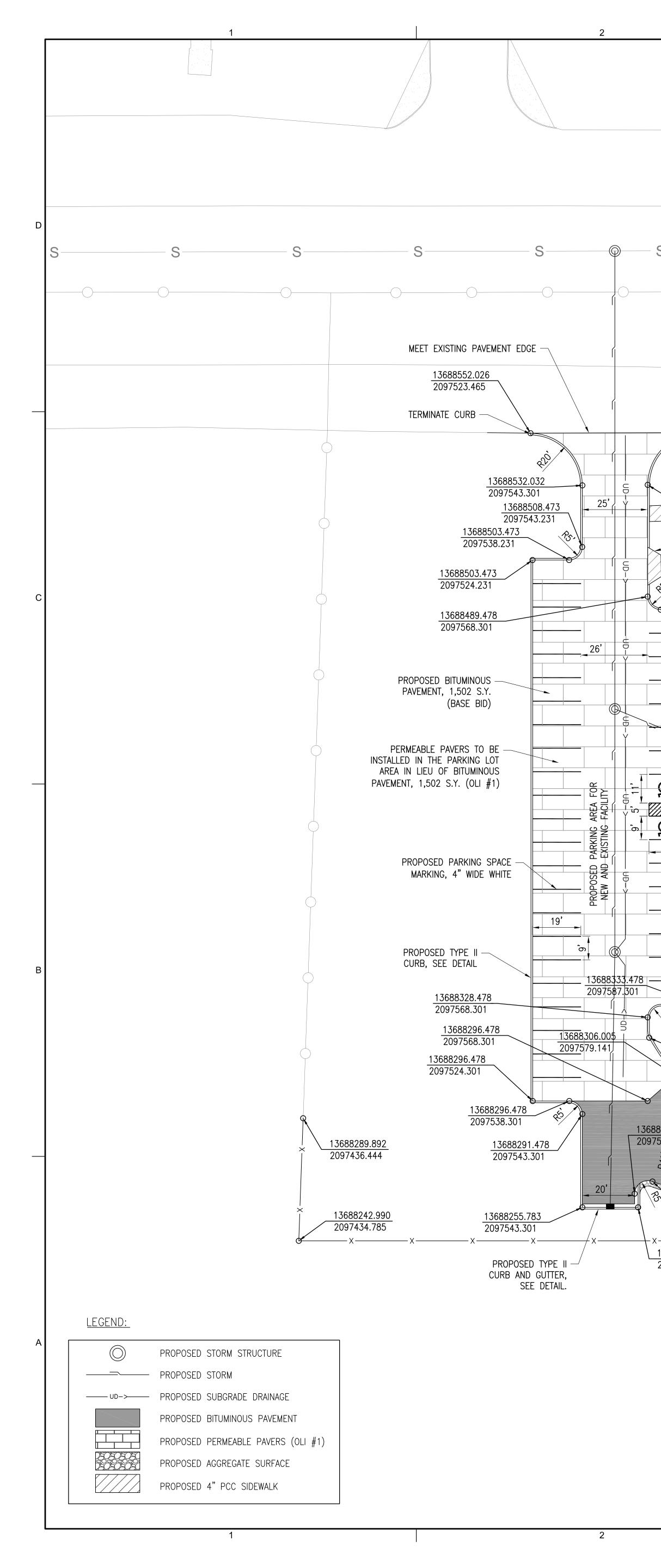












2. FOR ADDITIONAL INFORMATION, REFERENCE SUBSEQUENT SHEETS.

SEE UTILITY PLAN FOR

PROPOSED UTILITY INFORMATION

PROPOSED CHAIN LINK $-\!\!/$

FENCE, 818 L.F.

3





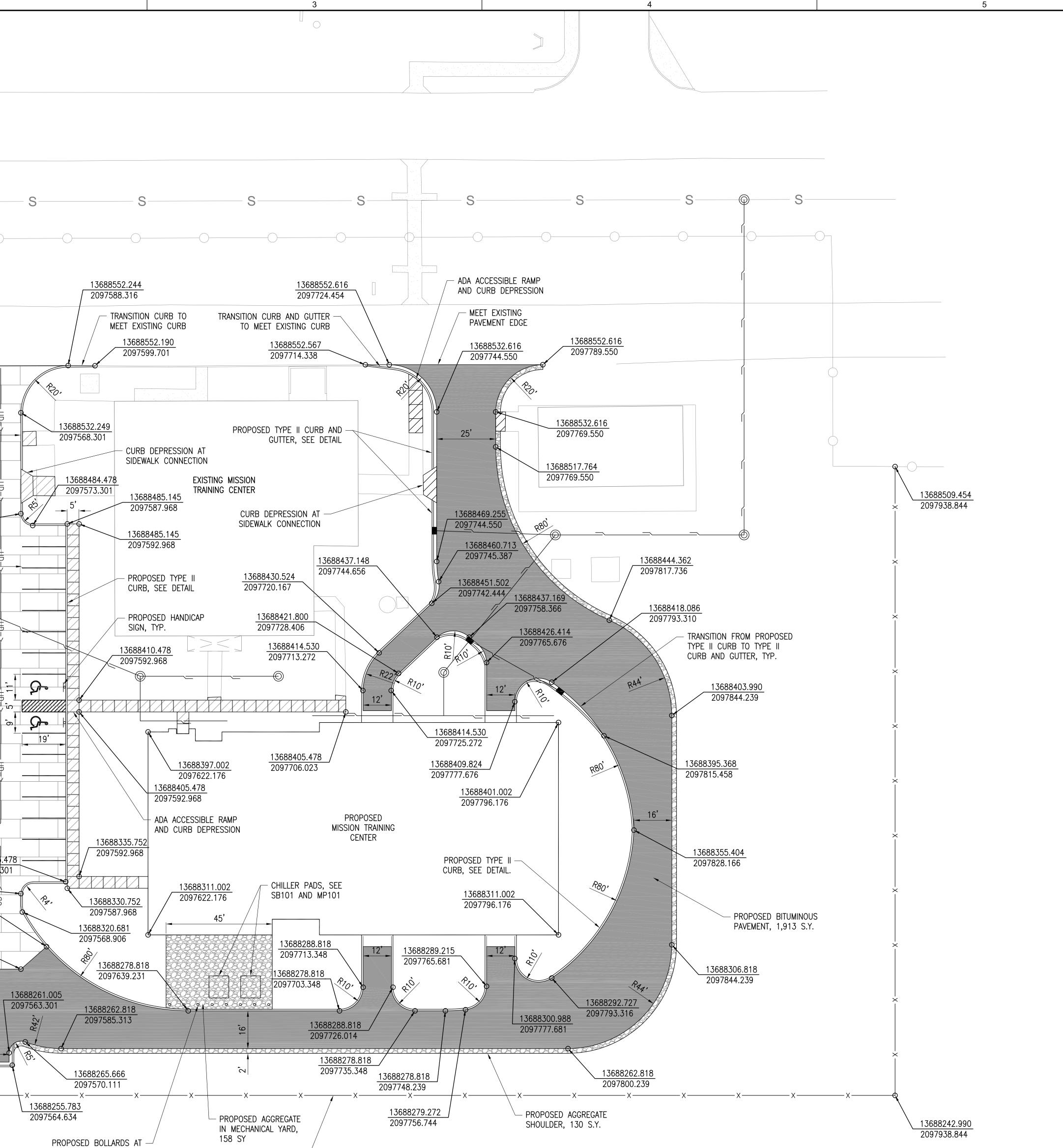




MECHANICAL YARD, 8 EACH

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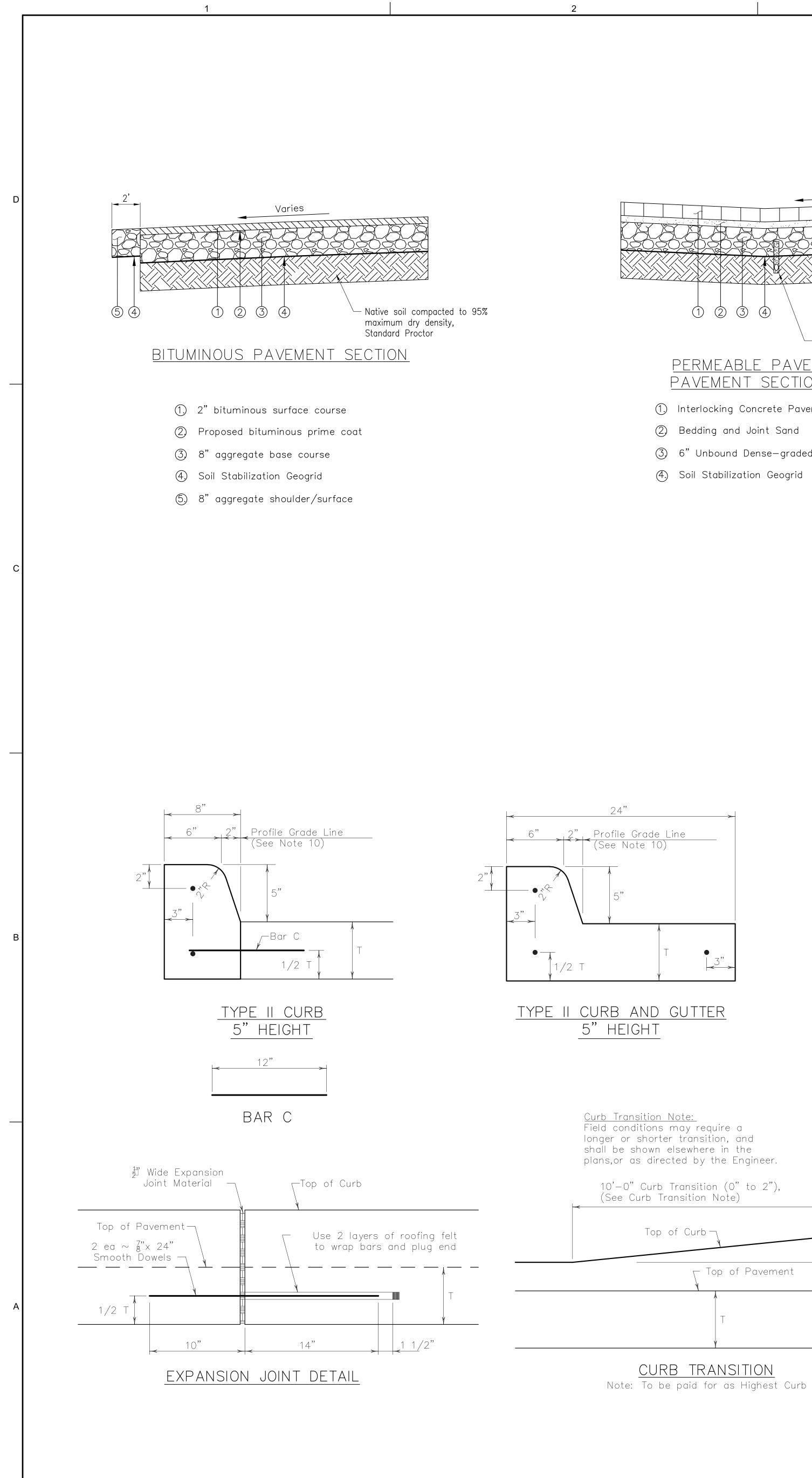
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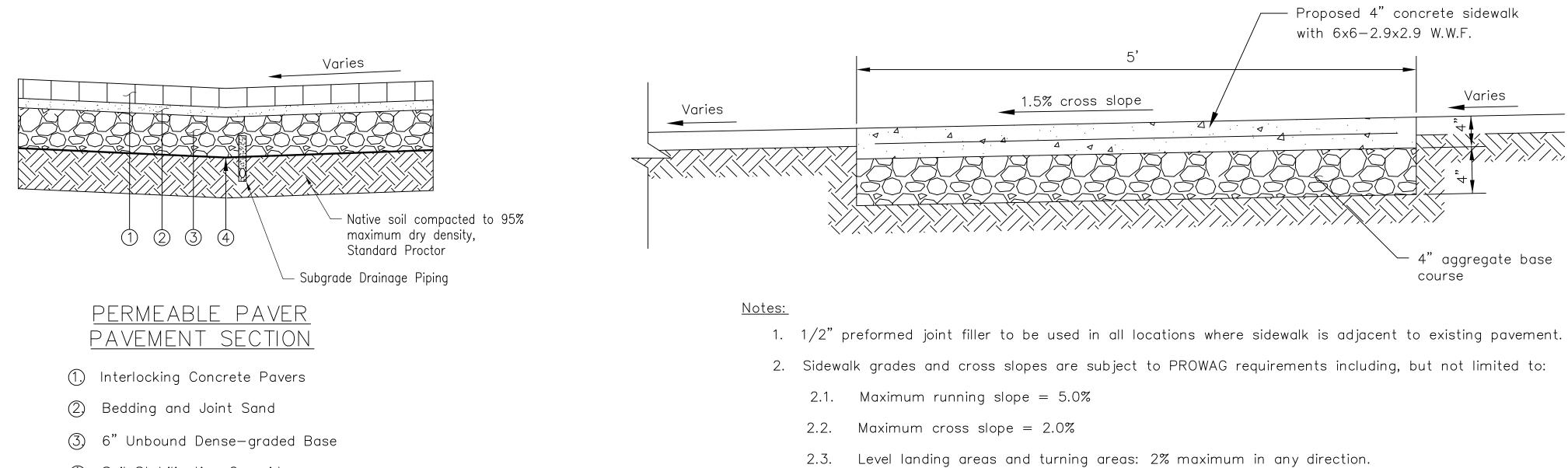


4

0 10' 20'







Change in

Height

3

General Notes

- Curb and Gutter."
- 2. Concrete shall be Class A.
- Construction Division.
- minimum radius of ,inch.
- sawed or removed at existing joints.
- pavement, the pavement shall be drilled and the reinforcing bars grouted in place.
- 7. Expansion and contraction joints shall be constructed to concrete pavement, expansion joints shall be at locations directed by The Engineer.
- 8. Vertical and horizontal dowel bars and transverse reinforcing bars shall be placed at four feet C~C.
- 9. Dimension 'T' shown is the thickness of concrete pavement. When curb is installed adjacent to flexible pavement dimension 'T' is 8" maximum.
- 10. Usual profile grade line. Refer to typical sections and plan-profile sheets for exact locations.
- 11. One-half inch expansion joint material shall be provided or riprap.
- 12. When vertical permissible construction joints are used, resulting in a longitudinal construction joint in the pavement, the longitudinal pavement steel shall be placed in accordance with pavement details shown elsewhere in the plans for longitudinal construction conform to that required for concrete curb.

3. Joints are to be spaced evenly, maximum is 5' grid, with transverse 1/2" preformed expansion joints at 25' maximum intervals.

SIDEWALK CROSS SECTION DETAIL

1. All materials and construction shall be in accordance with Item 529, "Concrete Curb, Gutter, and Combined

3. When reinforcing bars are used, they shall be No.4 unless otherwise shown. The use of synthetic fiber in lieu of steel reinforcing is acceptable, provided the fiber producer is on the Department Producer List (MPL), maintained by TxDOT,

4. Round exposed sharp edges with a rounding tool, to a

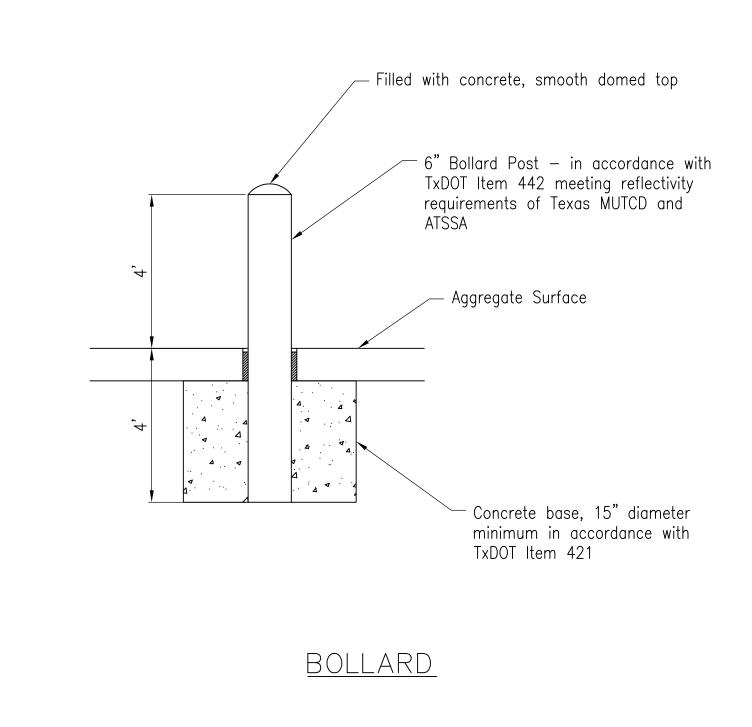
5. All existing curbs and driveways to be removed shall be

6. Where concrete curb is placed on existing concrete

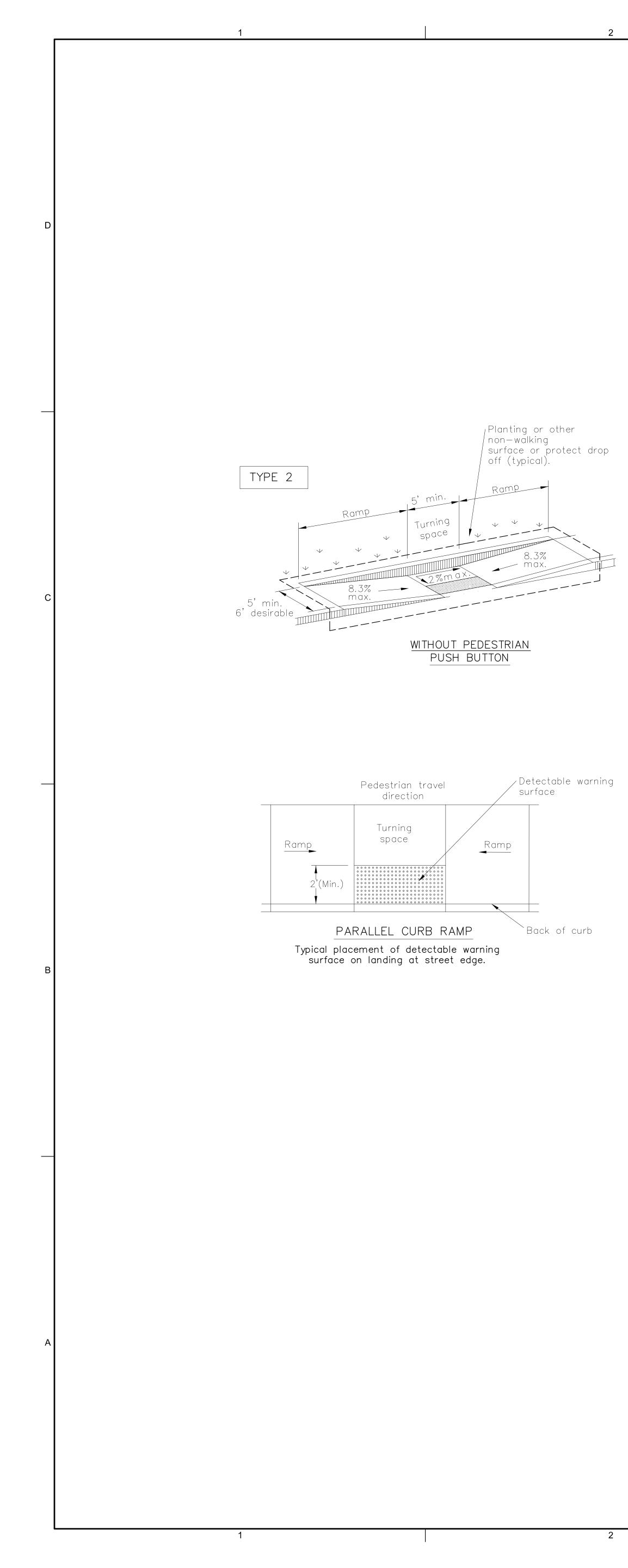
to match pavement joints in all curbs and curb and gutter adjacent to jointed concrete pavement. Where placement of curb or curb and gutter is not adjacent provided at structures, curb returns at streets, and

where curb or curb and gutter is adjacent to sidewalk

joints. Reinforcing steel for curb section shall then







GENERAL NOTES

Cl	JRB RAMPS	Dete	ЕСТАВ
1.	Install a curb ramp or blended transition at each pedestrian street crossing.		Furnish Lay in
2.	All slopes shown are maximum allowable. Cross slopes of 1.5% and lesser running should be used. Adjust curb ramp length or grade of approach sidewalks as directed.		Lay fu (25%)
3.	Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.		(2078)
4.	The minimum sidewalk width is 5'. Where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is desirable. Where a 5' sidewalk cannot be provided due to site	SIDE	WALKS
	constraints, sidewalk width may be reduced to 4' for short distances. 5'x 5' passing areas at intervals not to exceed 200' are required.		Provic Opera PROW/
5.	Turning Spaces shall be 5'x 5' minimum. Cross slope shall be maximum 2%.	28.	Place
6.	Clear space at the bottom of curb ramps shall be a minimum of 4'x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.		draina or cle
7.	Provide flared sides where the pedestrian circulation path crosses the curb ramp. Flared sides shall be sloped at 10% maximum, measured parallel to the curb.	29. 3	Street
	Returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planted, substantially obstructed,	30. (Change
	or otherwise protected.		The lea of sid
8.	Additional information on curb ramp location, design, light reflective value and texture may be found in the latest draft of the Proposed Guidelines for		the po provide
	Pedestrian Facilities in the Public Right of Way (PROWAG) as published by the U.S. Architectural and Transportation Barriers Compliance Board (Access Board).		needeo shall o
9.	To serve as a pedestrian refuge area, the median should be a minimum of 6' wide,		Handro
	measured from back of curbs. Medians should be designed to provide accessible passage over or through them.		pedest Drivewo
0.	Small channelization islands, which do not provide a minimum 5'x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.		"Inters in acc
1.	Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall align with theoretical crosswalks unless otherwise directed.	34. 9	Sidewa
2.	Provide curb ramps to connect the pedestrian access route at each pedestrian street crossing. Handrails are not required on curb ramps.		
3.	Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".		
4.	Place concrete at a minimum depth of 5" for ramps, flares and landings, unless otherwise directed.		
5.	Furnish and install No. 3 reinforcing steel bars at 18" o.c. both ways, unless otherwise directed.		
6.	Provide a smooth transition where the curb ramps connect to the street.		Side
7.	Curbs shown within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.		(typi
8.	Existing features that comply with applicalble standards may remain in place unless otherwise shown on the plans.		
<i>\</i>		No.3 reb	ar at both
	TECTABLE WARNING MATERIAL		000
9.	Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with PROWAG. The surface must contrast visually with adjoining surfaces, including side flares. Furnish and install an approved cast—in—place dark brown or dark red detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the plans.		
20.	Detectable Warning Materials must meet TxDOT Departmental Materials Specification DMS 4350 and be listed on the Material Producer List. Install products in accordance with manufacturer's specifications.		
21.	Detectable warning surfaces must be firm, stable and slip resistant.		
22.	Detectable warning surfaces shall be a minimum of 24 inches in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.		
<u>2</u> 3.	Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb and neither end of that edge is greater than 5 feet from the back of curb. Detectable warning surfaces may be curved along the corner radius.		

24. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.

3

BLE WARNING PAVERS (IF USED)

sh detectable warning paver units meeting all requirements of ASTM C-936, C-33. n a two by two unit basket weave pattern or as directed.

ull-size units first followed by closure units consisting of at least 25 percent) of a full unit. Cut detectable warning paver units using a power saw.

S

vide clear ground space at operable parts, including pedestrian push buttons. rable parts shall be placed within unobstructed reach range specified in WAG section R406.

e traffic signal or illumination poles, ground boxes, controller boxes, signs, age facilities and other items so as not to obstruct the pedestrian access route ear ground space.

grades and cross slopes shall be as shown elsewhere in the plans.

ges in level greater than 1/4 inch are not permitted.

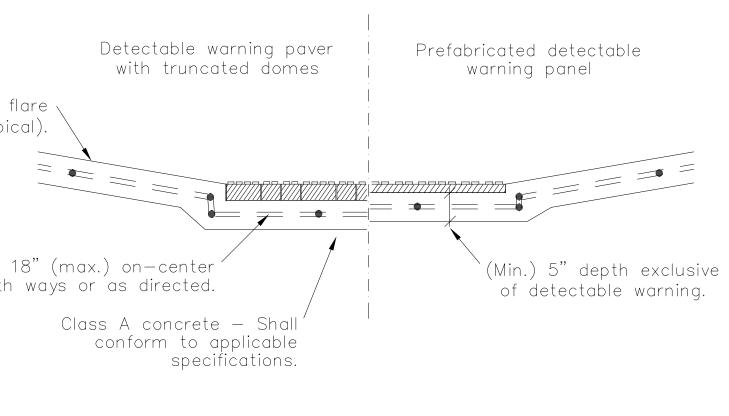
least possible grade should be used to maximize accessibility. The running slope sidewalks and crosswalks within the public right of way may follow the grade of parallel roadway. Where a continuous grade greater than five percent (5%) must be vided, handrails may be desirable to improve accessibility. Handrails may also be ded to protect pedestrians from potentially hazardous conditions. If provided, handrails I comply with PROWAG R409.

Irail extensions shall not protrude into the usable landing area or into intersecting estrian routes.

ways and turnouts shall be constructed and paid for in accordance with Item rsections, Driveways and Turnouts". Sidewalks shall be constructed and paid for ccordance with Item, "Sidewalks".

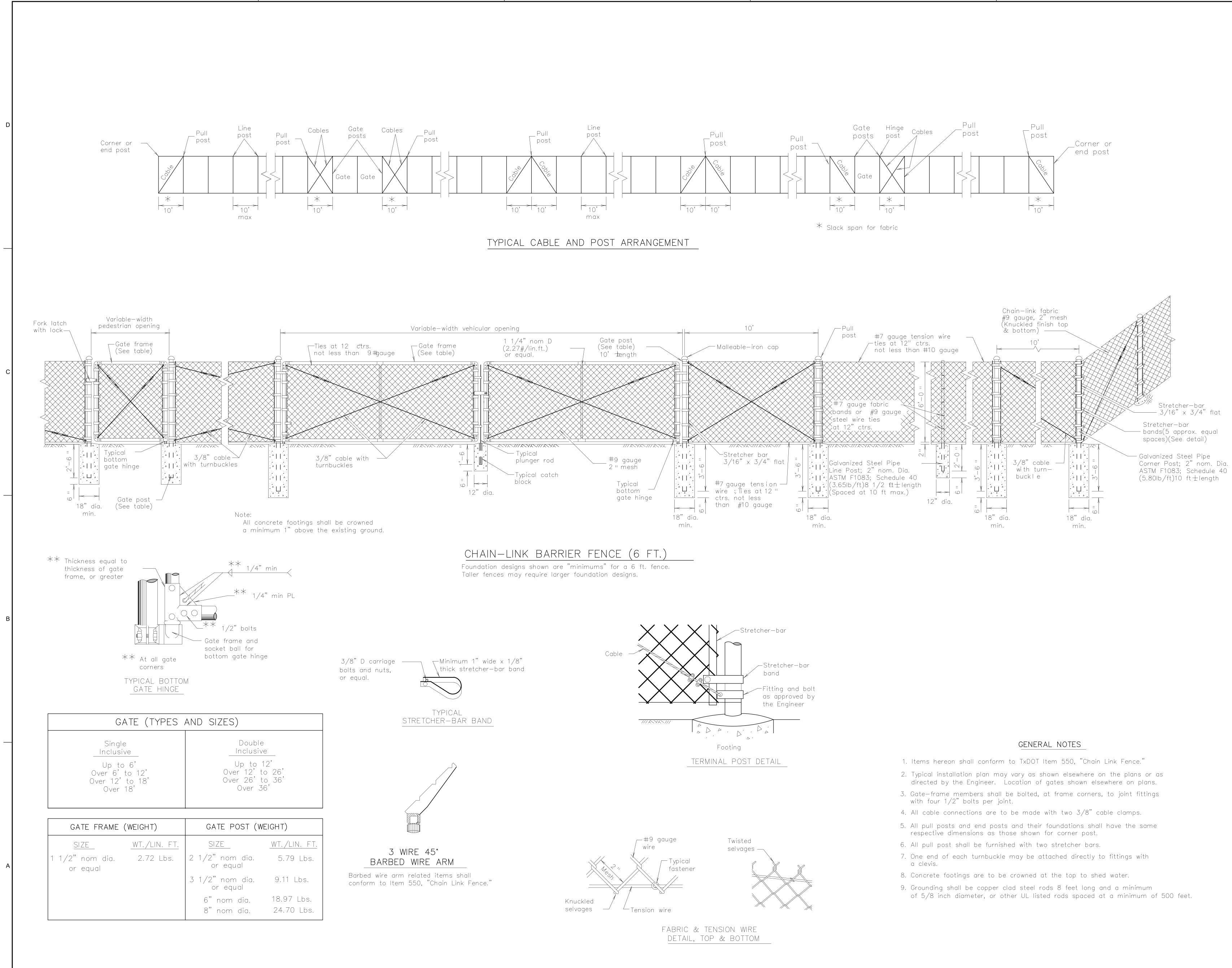
walk details are shown elsewhere in the plans.

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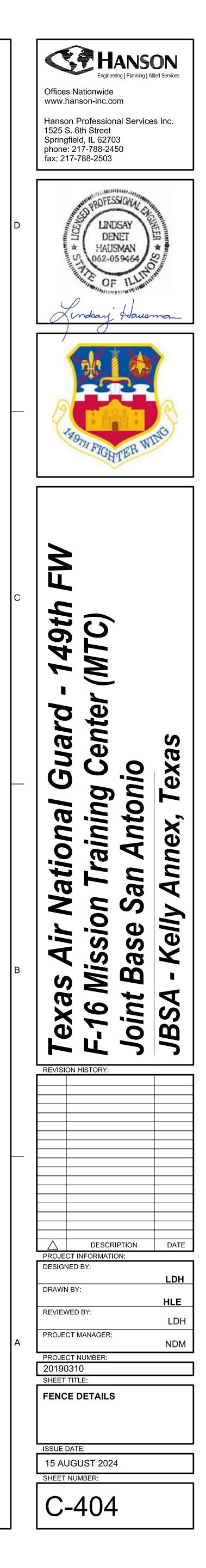


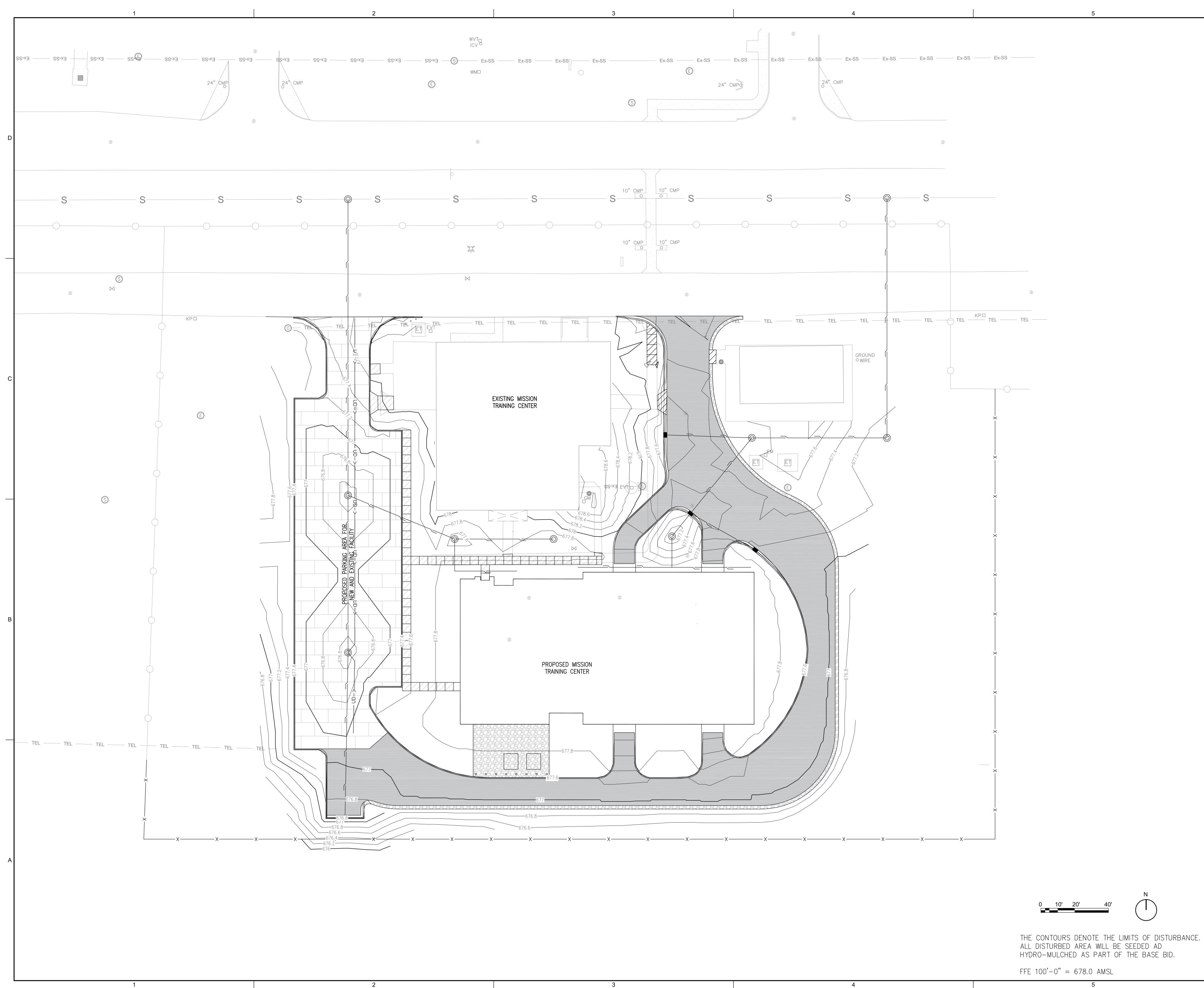
SECTION VIEW DETAIL CURB RAMP AT DETECTIBLE WARNINGS



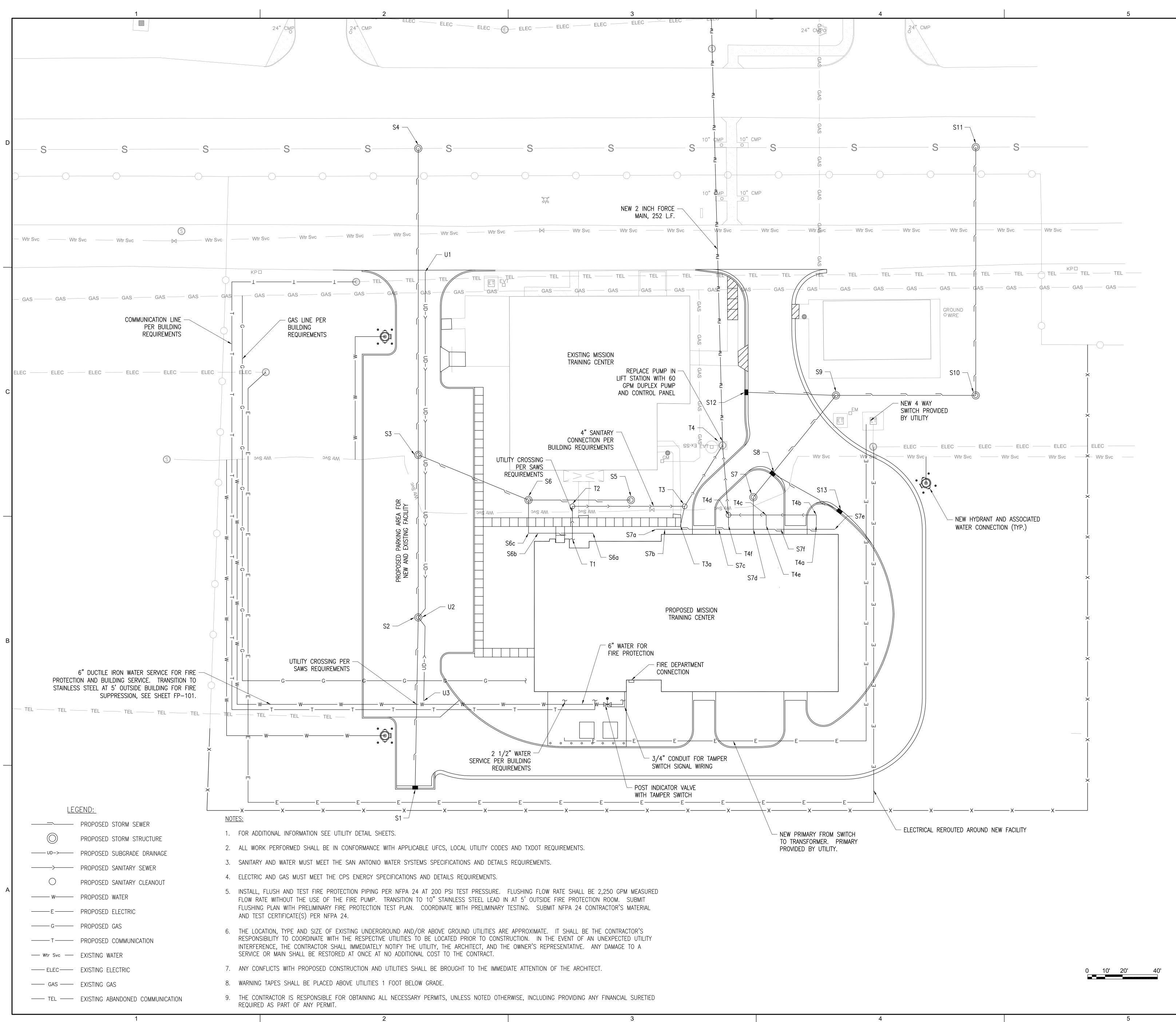


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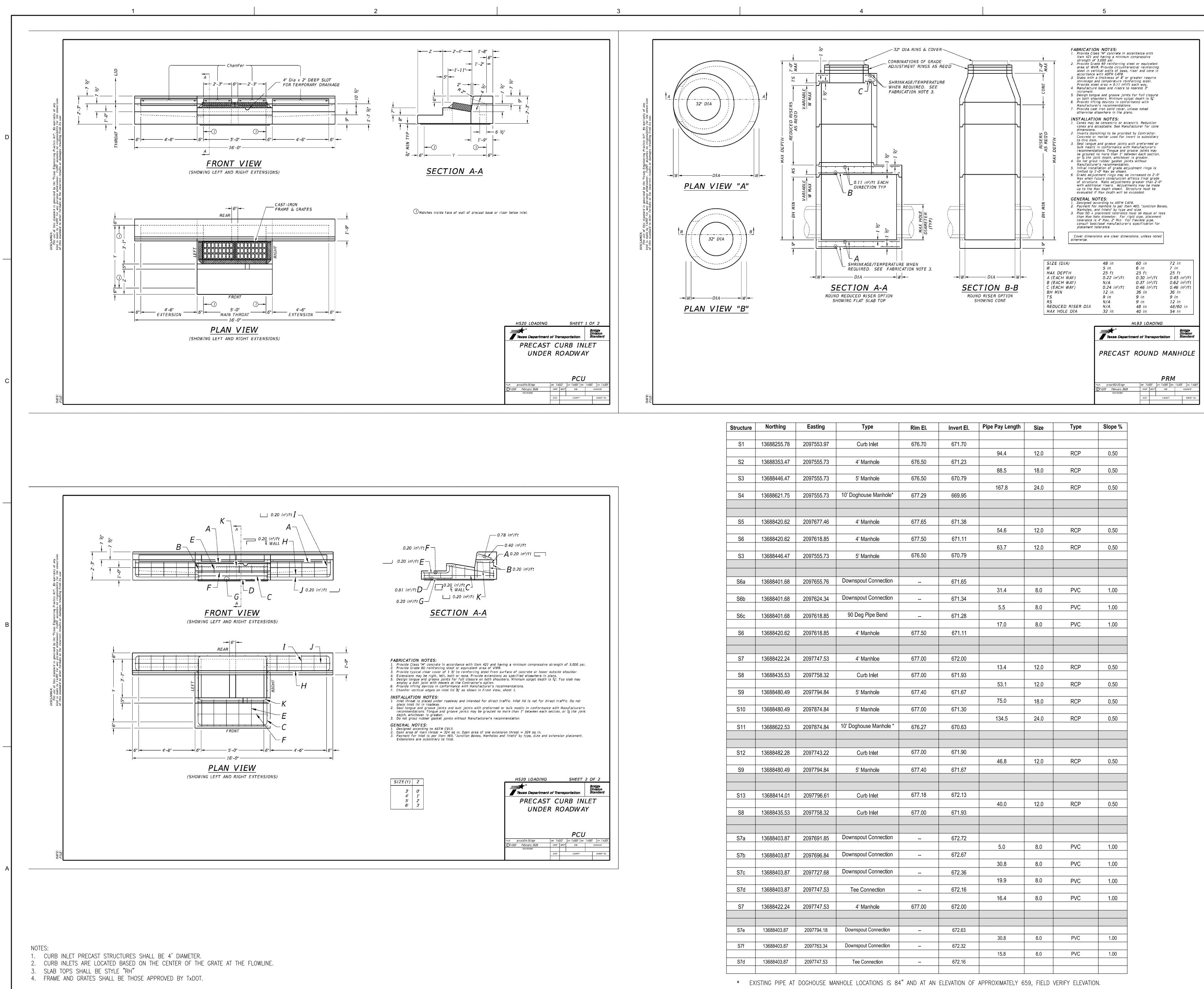






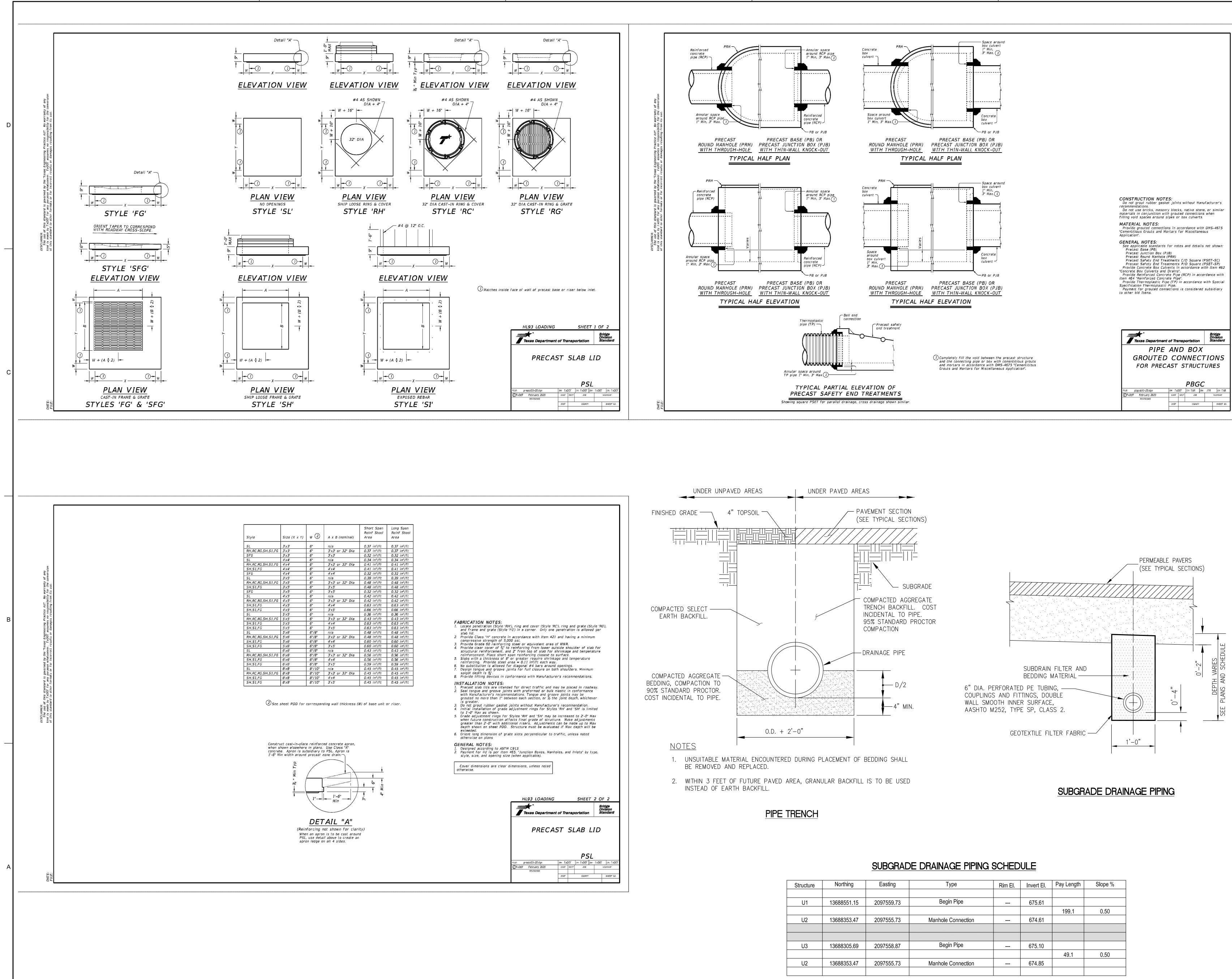






S1 S2 S3 S3 S4 S5	13688255.78 13688353.47	2097553.97	Curb Inlet						
S3 S4	13688353.47			676.70	671.70				
S3 S4	13688353.47			070.50	074.00	94.4	12.0	RCP	0.50
S4		2097555.73	4' Manhole	676.50	671.23	88.5	18.0	RCP	0.50
	13688446.47	2097555.73	5' Manhole	676.50	670.79	407.0	24.0	DOD	0.50
 	13688621.75	2097555.73	10' Doghouse Manhole*	677.29	669.95	167.8	24.0	RCP	0.50
S5									
00	13688420.62	2097677.46	4' Manhole	677.65	671.38				
S6	13688420.62	2097618.85	4' Manhole	677.50	671.11	54.6	12.0	RCP	0.50
	10000420.02	2001010.00				63.7	12.0	RCP	0.50
S3	13688446.47	2097555.73	5' Manhole	676.50	670.79				
S6a	13688401.68	2097655.76	Downspout Connection		671.65	31.4	8.0	PVC	1.00
S6b	13688401.68	2097624.34	Downspout Connection		671.34	51.4	0.0	1 00	1.00
S6c	13688401.68	2097618.85	90 Deg Pipe Bend		671.28	5.5	8.0	PVC	1.00
000	10000-01.00	2037010.03			071.20	17.0	8.0	PVC	1.00
S6	13688420.62	2097618.85	4' Manhole	677.50	671.11				
S7	13688422.24	2097747.53	4' Manhloe	677.00	672.00	13.4	12.0	RCP	0.50
S8	13688435.53	2097758.32	Curb Inlet	677.00	671.93	10.4	12.0	T(O)	0.50
	13688480.49	2097794.84	5' Manhole	677.40	671.67	53.1	12.0	RCP	0.50
						75.0	18.0	RCP	0.50
S10	13688480.49	2097874.84	5' Manhole	677.00	671.30	134.5	24.0	RCP	0.50
S11	13688622.53	2097874.84	10' Doghouse Manhole *	676.27	670.63		21.0		0.00
S12	13688482.28	2097743.22	Curb Inlet	677.00	671.90				
S9	13688480.49	2097794.84	5' Manhole	677.40	671.67	46.8	12.0	RCP	0.50
S13	13688414.01	2097796.61	Curb Inlet	677.18	672.13				
						40.0	12.0	RCP	0.50
S8	13688435.53	2097758.32	Curb Inlet	677.00	671.93				
	10000 /00		Downoor of Commentation						
S7a	13688403.87	2097691.85	Downspout Connection		672.72	5.0	8.0	PVC	1.00
S7b	13688403.87	2097696.84	Downspout Connection		672.67			DV/O	4.00
S7c	13688403.87	2097727.68	Downspout Connection		672.36	30.8	8.0	PVC	1.00
						19.9	8.0	PVC	1.00
S7d	13688403.87	2097747.53	Tee Connection		672.16	16.4	8.0	PVC	1.00
S7	13688422.24	2097747.53	4' Manhole	677.00	672.00				
S7e	13688403.87	2097794.18	Downspout Connection		672.63	30.8	8.0	PVC	1.00
S7f	13688403.87	2097763.34	Downspout Connection		672.32				
S7d	13688403.87	2097747.53	Tee Connection		672.16	15.8	8.0	PVC	1.00

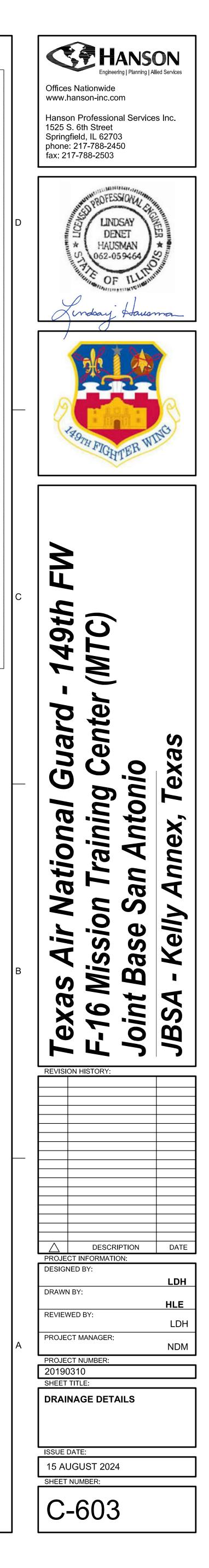


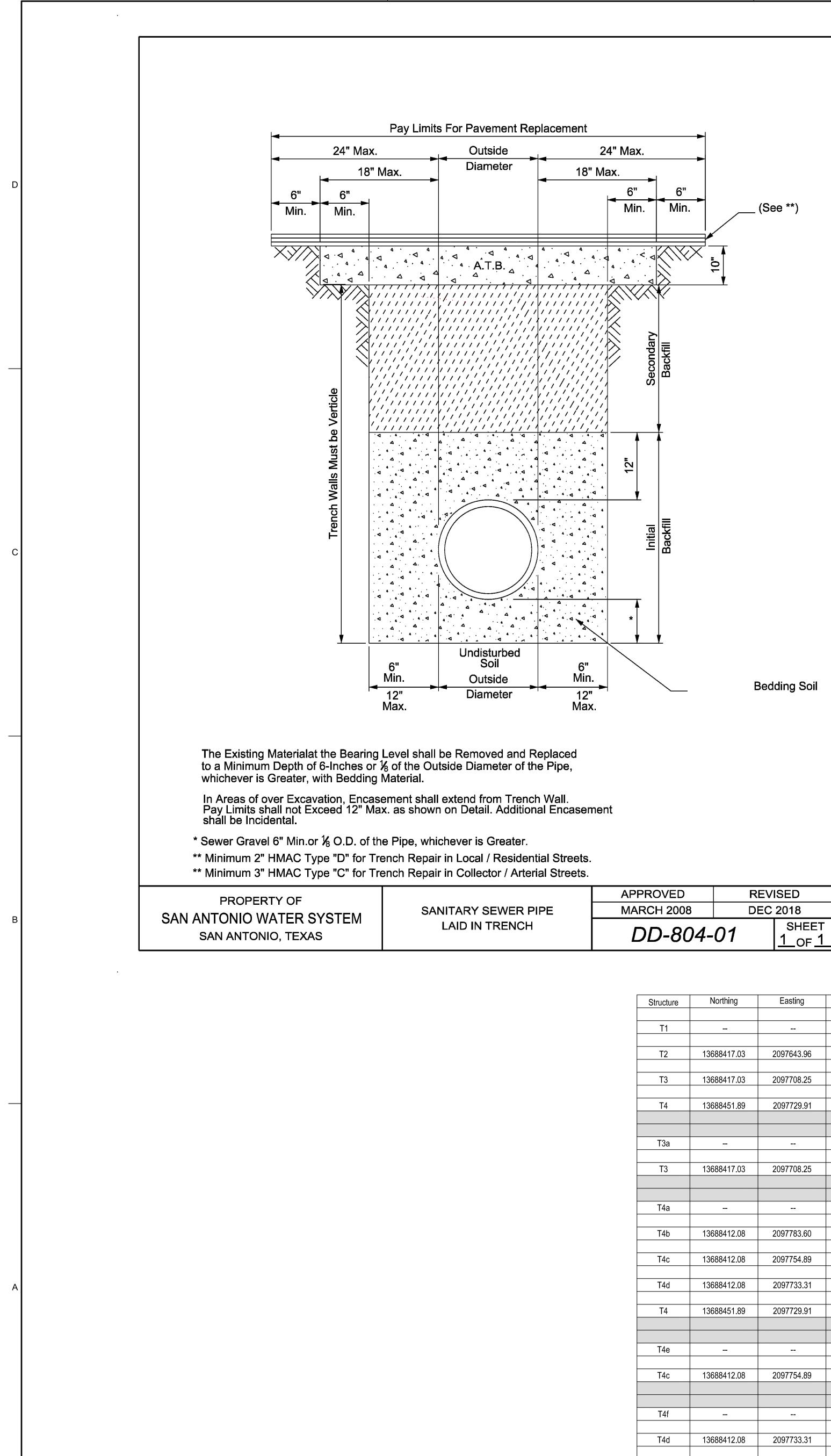


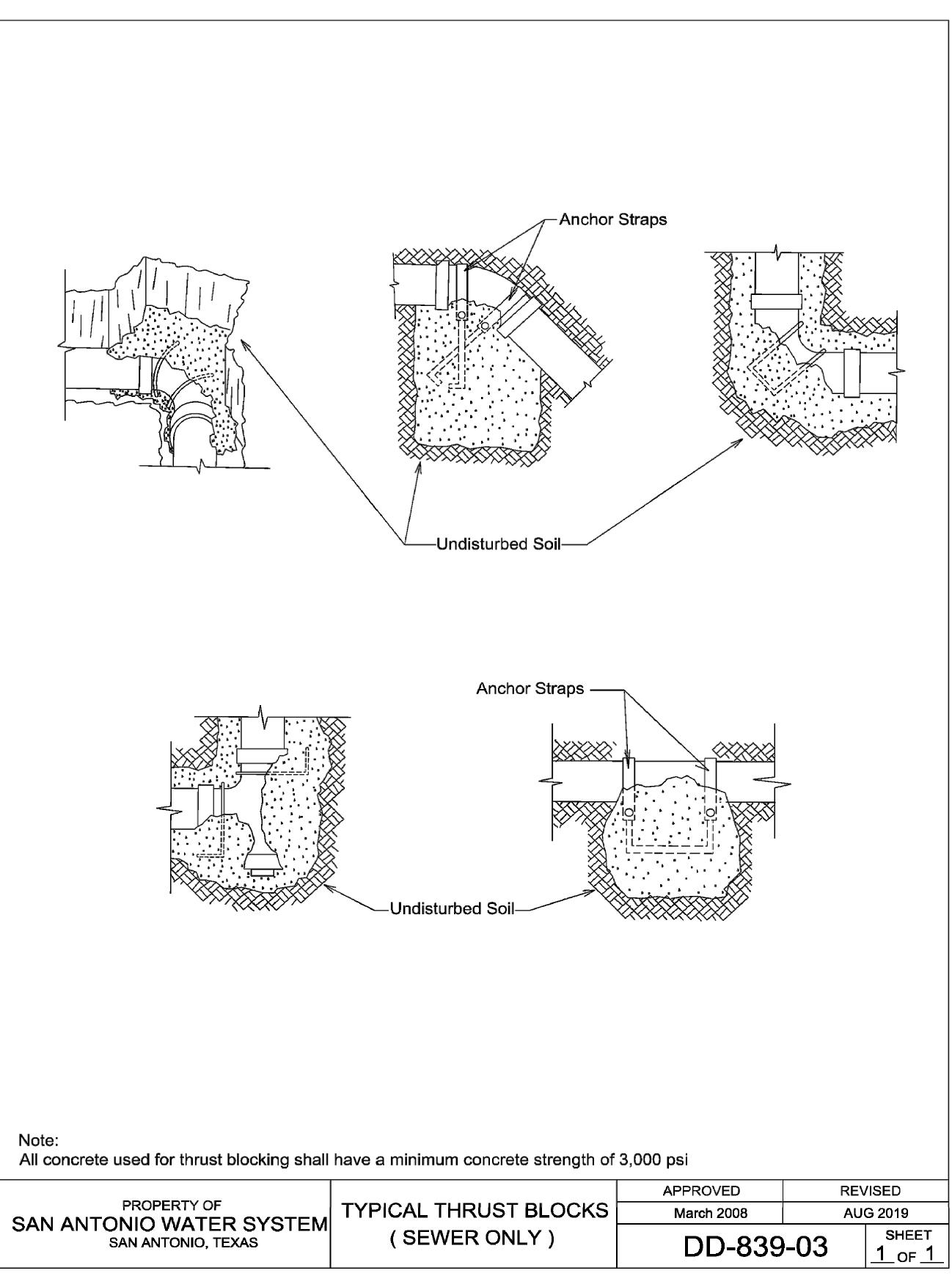
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Structure	Northing	Easting	Туре	Rim El.	Invert El.	Pay Length	Slope %
U1	13688551.15	2097559.73	Begin Pipe		675.61		
						199.1	0.50
U2	13688353.47	2097555.73	Manhole Connection		674.61		
U3	13688305.69	2097558.87	Begin Pipe		675.10		
						49.1	0.50
U2	13688353.47	2097555.73	Manhole Connection		674.85		

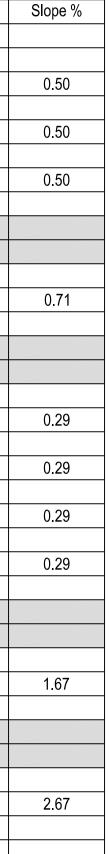




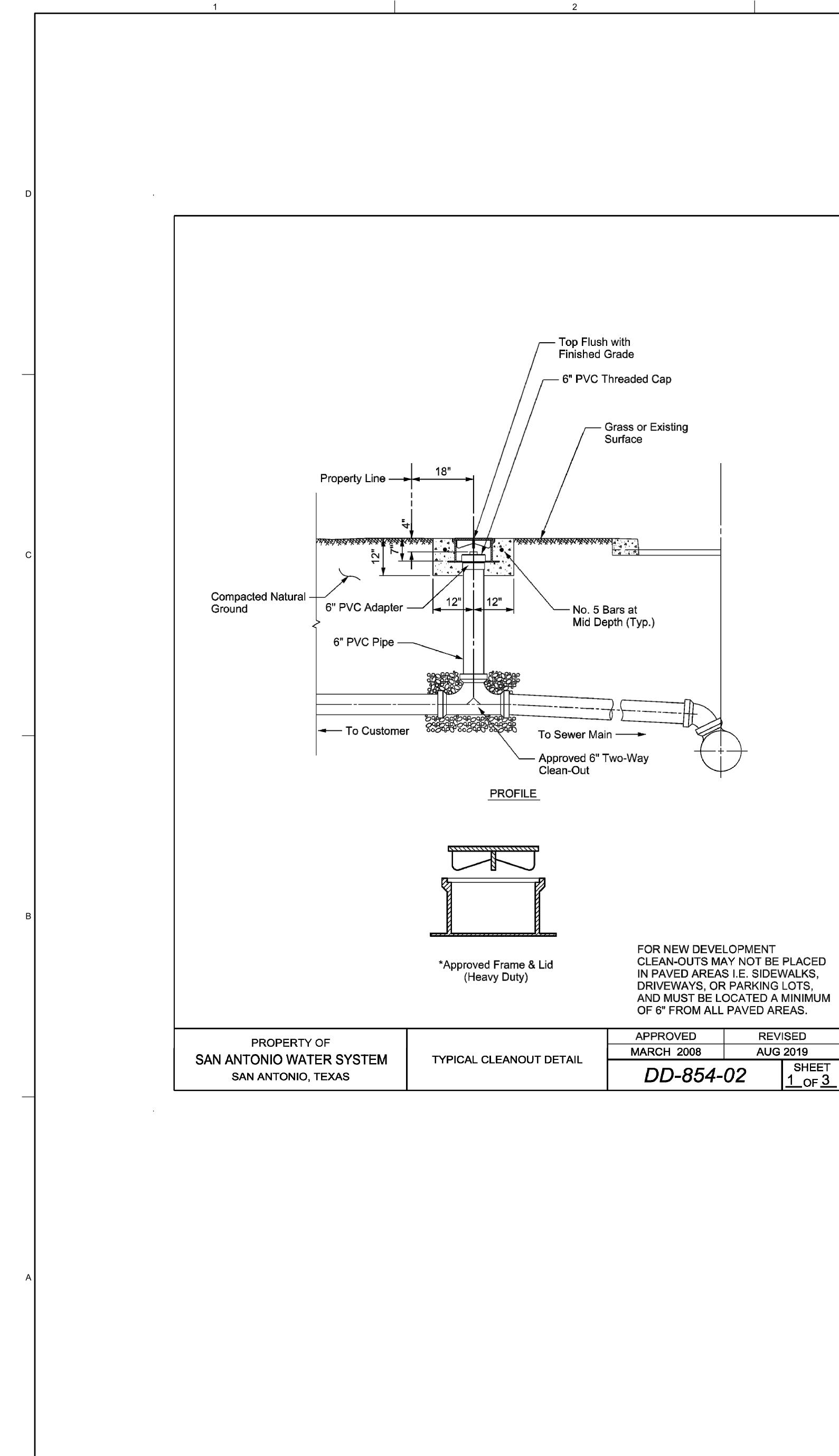


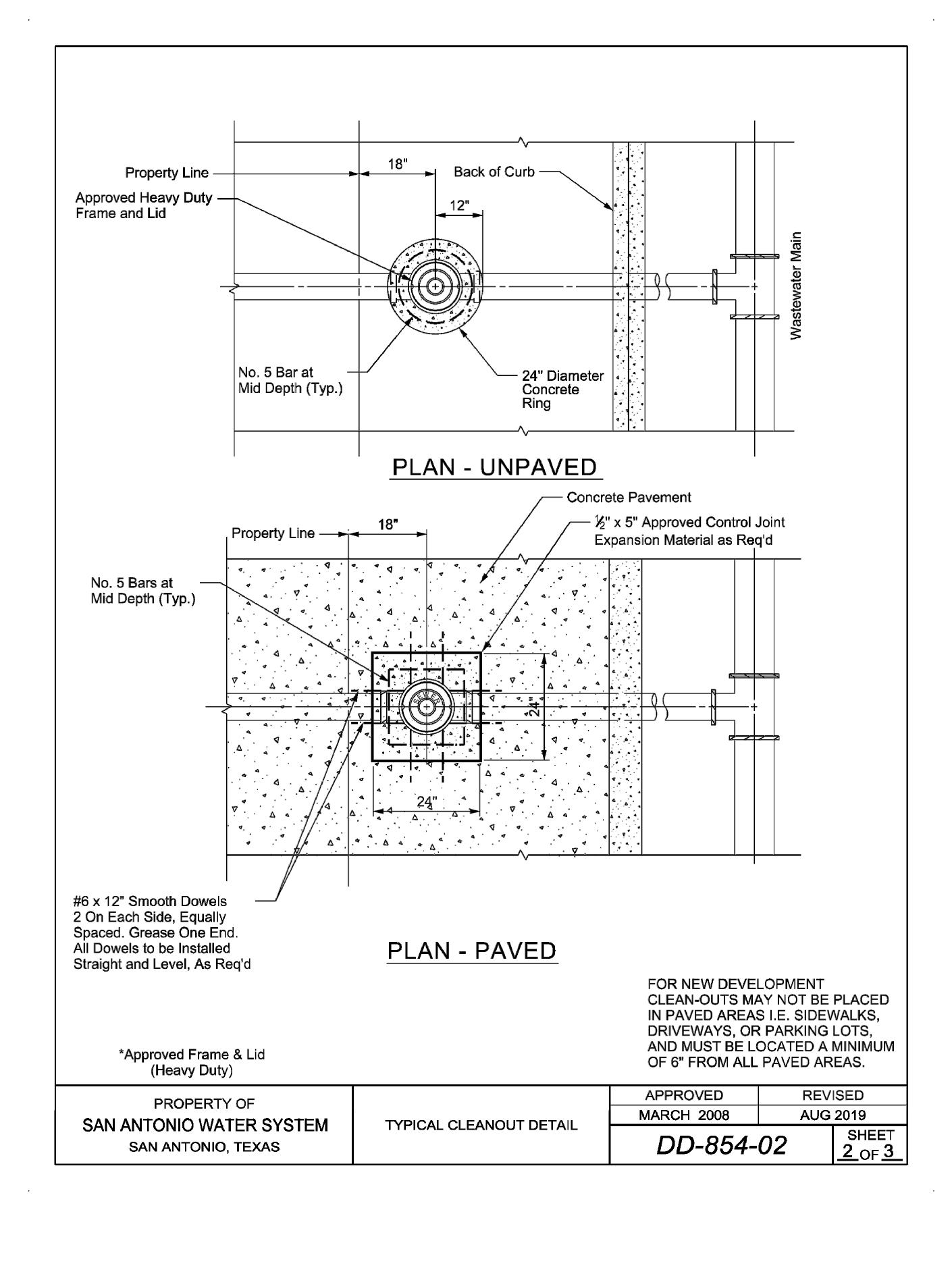
Note:

Structure	Northing	Easting	Туре	Rim El.	Invert El.	Pay Length	Size	Туре
T1			Meet Building Outlet		674.67			
						18.8	4.0	PVC
T2	13688417.03	2097643.96	Cleanout	677.81	674.58			
						64.3	4.0	PVC
Т3	13688417.03	2097708.25	Cleanout	677.93	674.25			
						38.0	4.0	PVC
T4	13688451.89	2097729.91	Connect to Existing Lift Station	678.09	674.06			
Т3а			Meet Building Outlet		674.33			
						11.3	3.0	PVC
T3	13688417.03	2097708.25	Cleanout	677.93	674.25			
T4a			Meet Building Outlet		674.33			
						6.0	3.0	PVC
T4b	13688412.08	2097783.60	Bend		674.31			
						28.7	3.0	PVC
T4c	13688412.08	2097754.89	Тее		674.23			
						21.6	3.0	PVC
T4d	13688412.08	2097733.31	Cleanout	677.67	674.17			
						37.0	4.0	PVC
T4	13688451.89	2097729.91	Connect to Existing Lift Station	678.09	674.06			
T4e			Meet Building Outlet		674.33			
						6.0	3.0	PVC
T4c	13688412.08	2097754.89	Тее		674.23			
T4f			Meet Building Outlet		674.33			
						6.0	3.0	PVC
T4d	13688412.08	2097733.31	Cleanout	677.67	674.17			

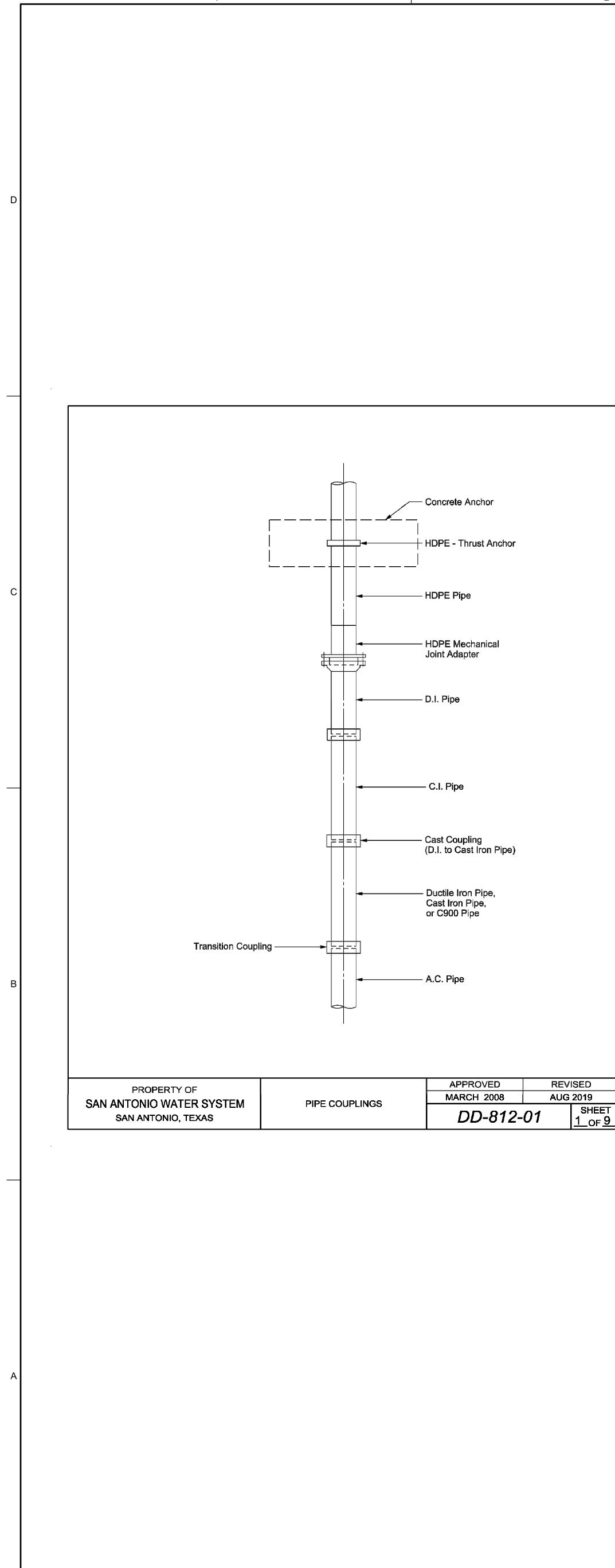


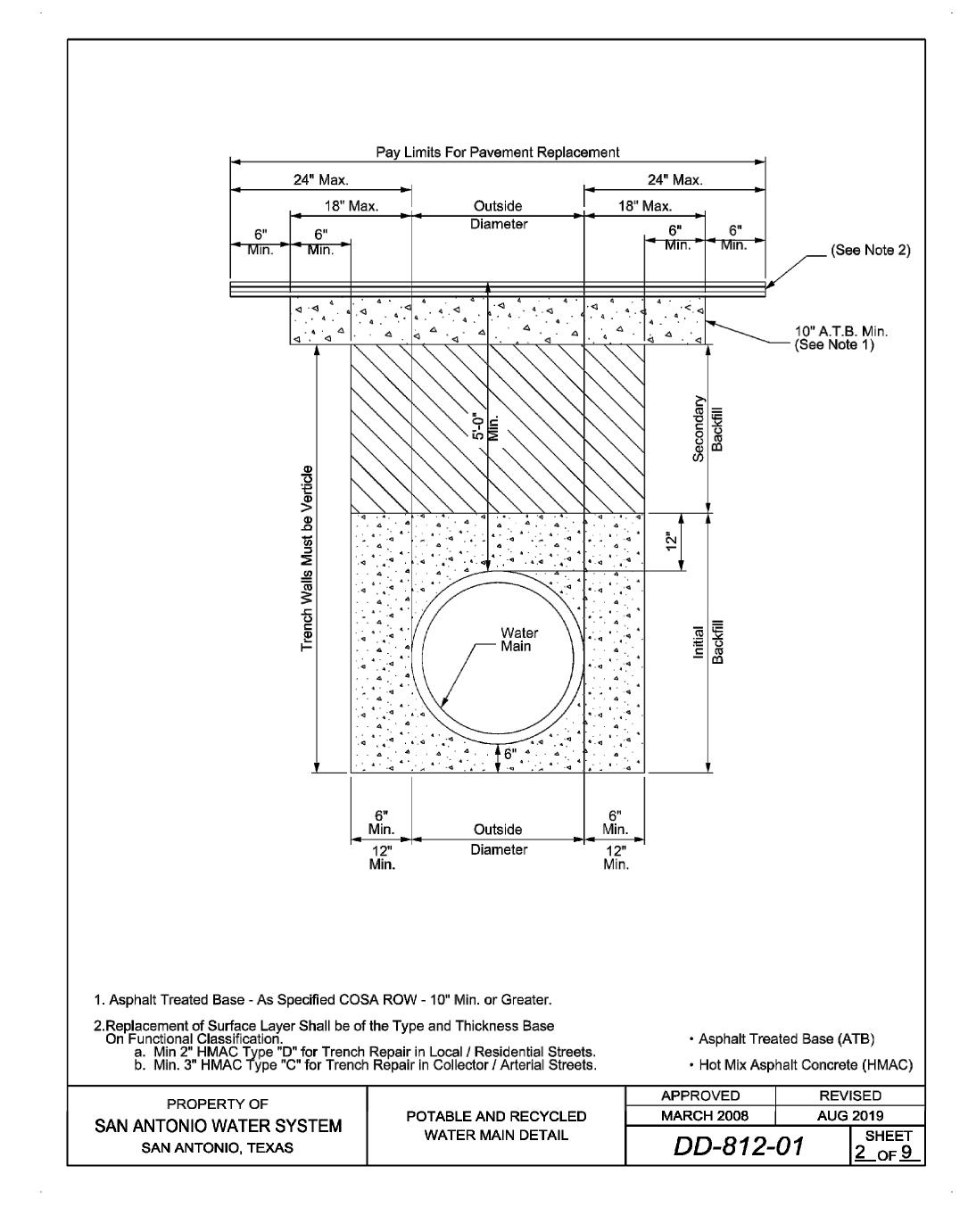


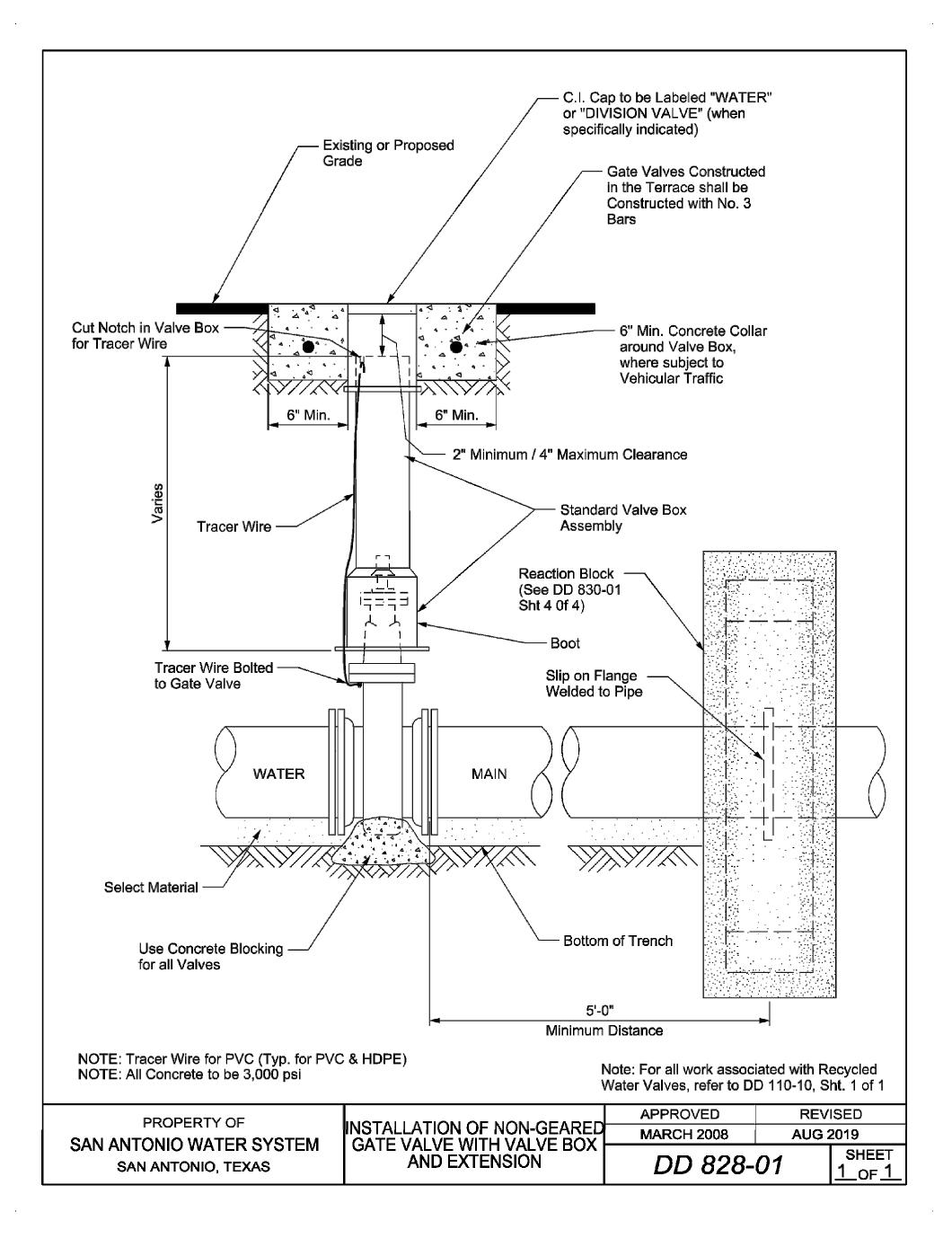




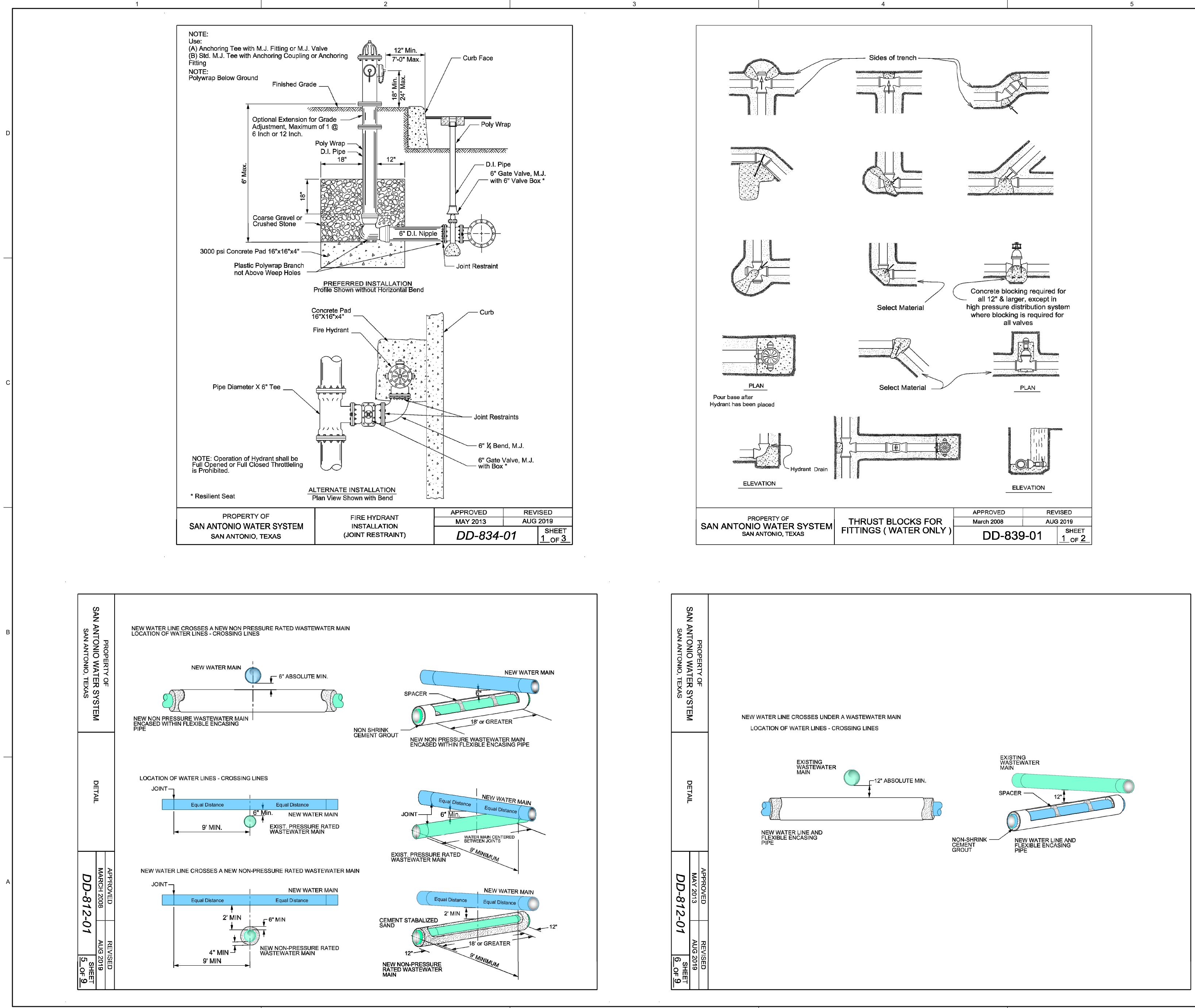


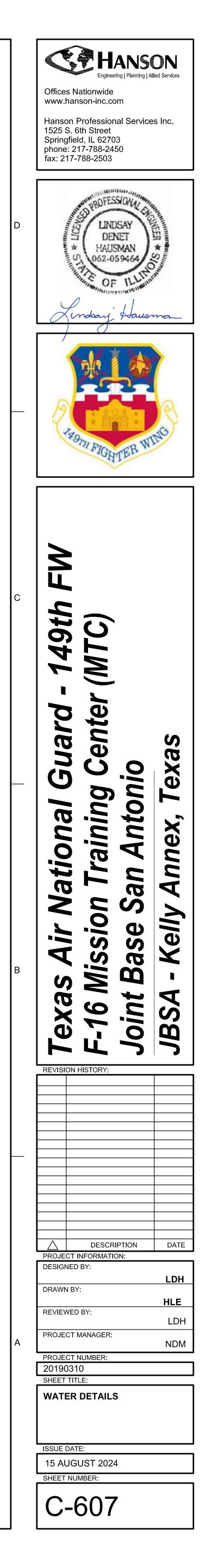


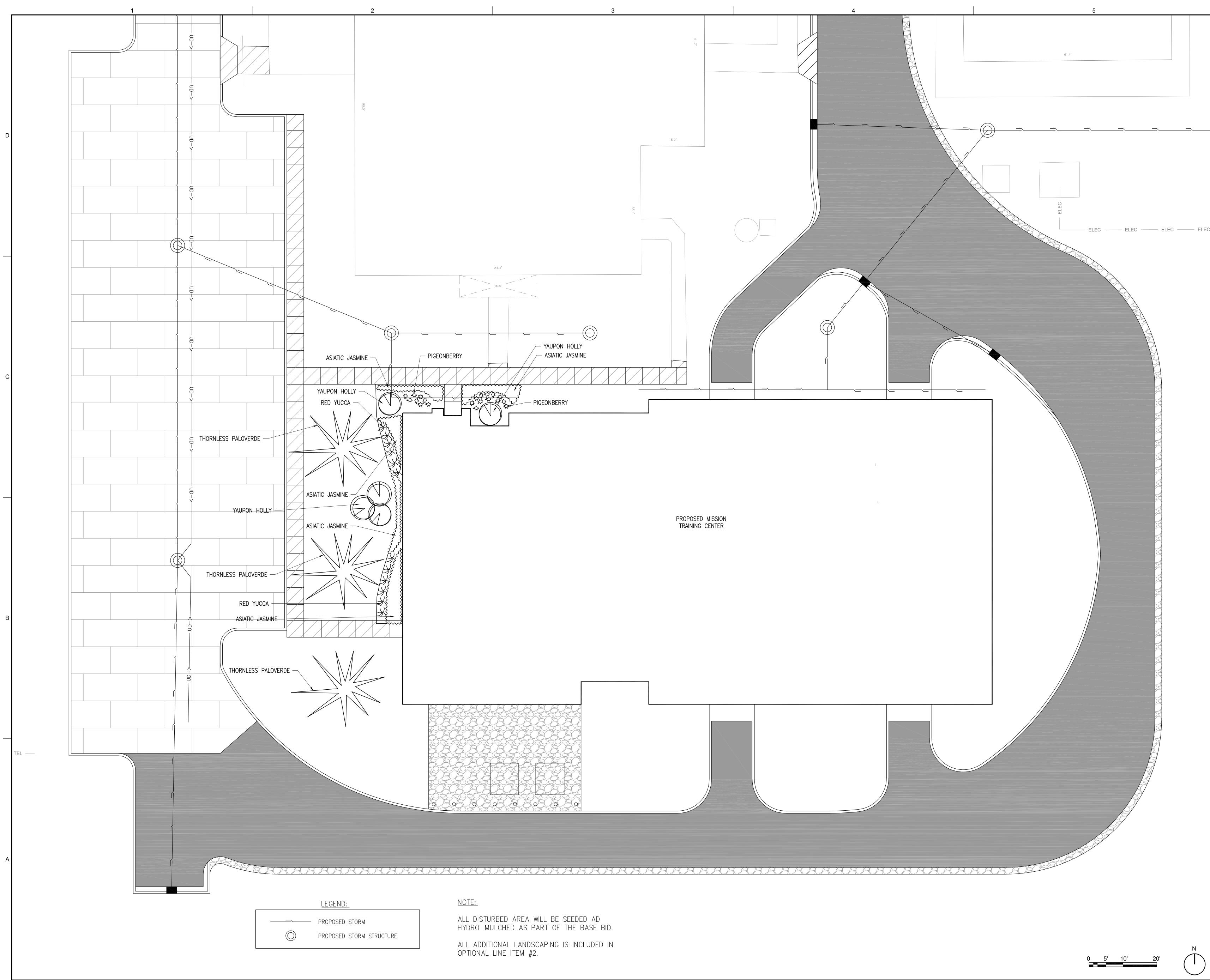








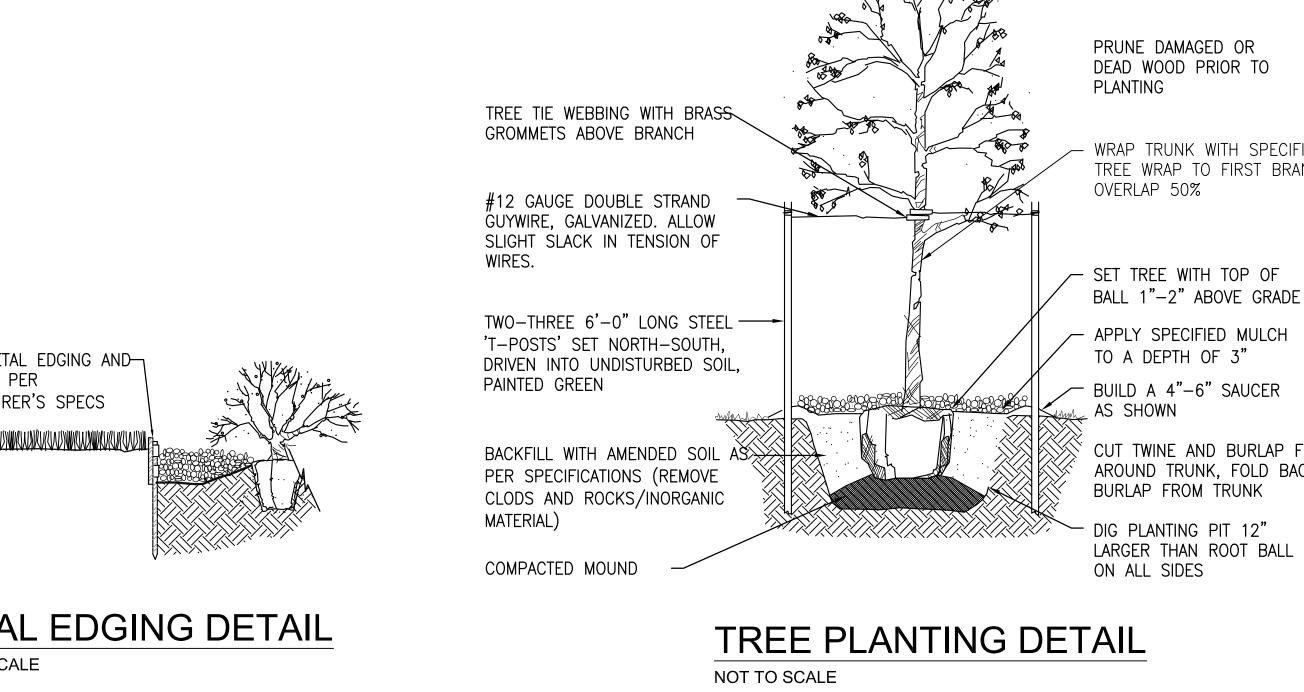






В	QUANTITY ORNAMENTAL TR 5 3 PERENNIALS 16	REES Ilex Vomitoria Parkinsonia X Cercidium Hesperaloe parviflora	Yaupon Holly Thornless Paloverde	PLANT
В	ORNAMENTAL TR	Ilex Vomitoria		PLANT
В	ORNAMENTAL TR		Yaupon Holly	PLANT
В				PLANT
В		BOTANICAL NAME	COMMON NAME	PLANT
	 TRADES. 2. CONTRACTOR SHA EXCAVATION AND B OPERATIONS. IF F CONTACT THE OWN 3. NO SUBSTITUTIONS REPRESENTATIVE. 4. LOCATIONS OF PLA 5. ALL PLANT MATERIA IT'S SPECIES. PLAN AND LEAVES. PLAN PLANT THAT DOES INSTITUTE (ANSI) P 6. FINISH GRADE FOR TURF OR CURBS T 7. ADD 2" MINIMUM E BEDS AND TILL IN 	E RESPONSIBLE FOR COORDINATIN ALL FIELD VERIFY LOCATION AND E BE RESPONSIBLE FOR ANY DAMAGE PLAN CONFLICTS WITH EXISTING UT IER'S REPRESENTATIVE BEFORE CO SHALL BE MADE WITHOUT PRIOR ANTS ARE APPROXIMATE. FIELD AN AL TO BE IN GOOD HEALTH, VIABL VITS TO BE MOIST, FREE OF DEAD IT MATERIAL TO BE INSPECTED BY NOT MEET THE STANDARDS AS S PUBLICATIONS Z60.1-LATEST EDITION TO ACCOMMODATE MULCH UNLESS DECOMPOSED, STABLE, WEED FREE TO A DEPTH OF 6"-8". THEN F GENT HERBICIDE TO BED AREAS A	DEPTH OF ALL UTILITIES PRIOR TO E RESULTING FROM PLANTING TILITIES, CONTRACTOR IS TO IMME DNTINUING WORK. APPROVAL FROM THE OWNER'S DJUST PLANT LOCATIONS AS NEC LE AND IN GOOD SHAPE AND FOI , BRUISED AND OR BROKEN BRA OWNER'S REPRESENTATIVE AND ET FORTH BY THE AMERICAN STA DN WILL BE REJECTED. ELOW THE TOP OF ADJACENT PAV OTHERWISE NOTED. E ORGANIC COMPOST TO ALL PLA RAKE SOIL SMOOTH PRIOR TO PL	D EDIATELY ESSARY. RM FOR NCHES ANY NDARDS /EMENT, 15. Q NTING ANTING.
С	PLANT SPACING IS TO BE AS SET IN PLANT SCHEDULE PREPARE BED AS PER WRITTEN SPECIFICATION ORTONIC CONSTRUCTION NOT TO SCALE		DEPTH	COATED MET STAKES AS F MANUFACTUR
	PRUNE ALL DAMAGED WOOD PRIOR TO PLA APPLY SPECIFIED MULCH TO A DEPTH OF 3" SHRUB F NOT TO SCALE	NTING GRADE AS NURSERY BUILD A 4" AS SHOWN	GROWN IN '-6" SAUCER /ITH AMENDED S PER ONS	
D				

1



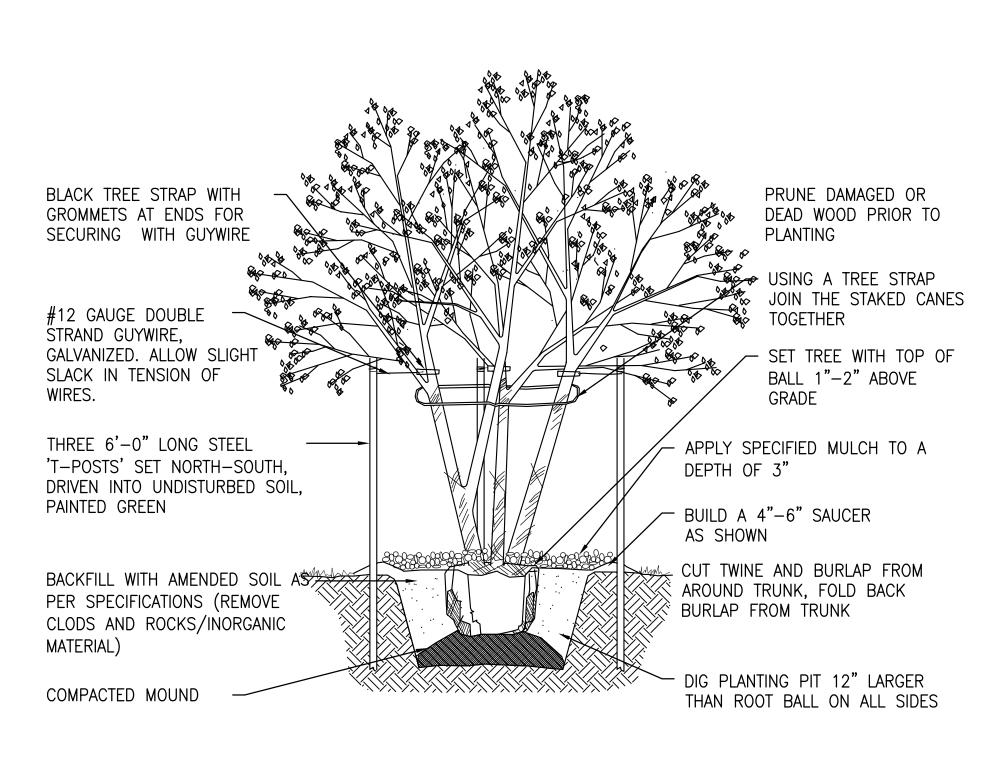
- ALL AREAS DISTURBED BY CONSTRUCTION AND NOT SHOWN TO BE SURFACED OTHERWISE, E. CURBS, PAVING, OR PLANTING BEDS SHALL BE SODDED. REFER TO CIVIL GRADING PLANS FOR LIMITS OF DISTURBANCE.
- ALL LAWN AND LANDSCAPE BEDS SHALL HAVE POSITIVE DRAINAGE AWAY FROM BUILDING AND VALKWAYS.
- PLANT MATERIAL TO BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE OF SUBSTANTIAL COMPLETION.
- PLANTS WILL BE REPLACED ONE (1) TIME ONLY AFTER PROJECT HAS BEEN ACCEPTED.
- MAINTAIN ALL PLANT MATERIAL AND TURF UNTIL SUBSTANTIAL COMPLETION.
- ALL ITEMS SHOWN ON THE PLANTING PLANS AND DETAILS SHALL BE INCLUDED IN THE COST OF THE PLANTING. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO TREE STAKING, FERTILIZING, EXCAVATION AND WATERING AS REQUIRED BY THE SPECIFICATIONS. ANY ITEM NOT LISTED SHALL BE CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF OTHER ITEMS.
- QUALITY PLANT MATERIALS ARE EXPECTED. NO CONTAINER GROWN TREES OVER 2" CALIPER WILL BE ACCEPTED.

NT SCHEDULE						
SPACING	REMARKS					
AS SHOWN	LEATHERY DARK GREEN LEAVES, GRAY BARK, MULTI-TRUNKED, WITH ROUNDED FORM. FEMALES HAVE BRIGHT RED BERRIES.					
AS SHOWN	DECIDUOUS, SMALL LEAVES, ATTRACTIVE GREEN BARK, INTERMITTENT YELLOW BLOOMS.					
AS SHOWN	EVERGREEN WITH SOFT, NARROW LEAVES. SPIKES OF RED FLOWERS IN SUMMER. DROUGHT TOLERANT. FULL SUN.					
	SEMI-EVERGREEN, LOW PERENNIAL WITH PALE FLOWERS AND RED BERRIES. SHADE TOLERANT.					
12"	EVERGREEN GROUND COVER. SHADE OR SUN TOLERANT.					
	AS SHOWN AS SHOWN AS SHOWN					

3

- WRAP TRUNK WITH SPECIFIED TREE WRAP TO FIRST BRANCH,

CUT TWINE AND BURLAP FROM AROUND TRUNK, FOLD BACK



MULTI-TRUNK TREE PLANTING DETAIL

NOT TO SCALE

<u>NOTE:</u>

4

ALL DISTURBED AREA WILL BE SEEDED AD HYDRO-MULCHED AS PART OF THE BASE BID. ALL ADDITIONAL LANDSCAPING IS INCLUDED IN OPTIONAL LINE ITEM #2.

