

- CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF BRAZOS COUNTY AND THESE SPECIFICATIONS/PLANS.
- CONTRACTOR SHALL VISIT THE CONSTRUCTION LOCATION AND FAMILIARIZE THEMSELVES WITH THE WORKING CONDITIONS (TRAFFIC, DEMOLITION WORK, PROPOSED/EXISTING UTILITIES, PAVING, DRAINAGE) OF THE SITE BEFORE BIDDING.
- CONTRACTOR IS TO DETERMINE ALL QUANTITIES OF WORK PRIOR TO BIDDING TO PROVIDE A COMPLETE AND APPROVED PROJECT TO OWNER.
- THE CONTRACTOR IS REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE OWNER AND ENGINEER PRIOR TO STARTING WORK. NO WORK IS TO BE PERFORMED UNTIL THIS MEETING IS COMPLETED AND A WRITTEN NOTICE TO PROCEED IS ISSUED. CONSTRUCTION MEETINGS ON SITE DURING CONSTRUCTION ARE ALSO TO BE SCHEDULED WITH THE OWNER AND ENGINEER.
- IN THE ABSENCE OF SPECIFIC REQUIREMENTS FOR ANY WORK, CONTRACTOR SHALL COORDINATE WITH ENGINEER FOR DIRECTION. CONTRACTORS ARE NOT TO PROCEED WITH ANY WORK WITHOUT PROPER AUTHORIZATION FROM THE ENGINEER. PROCEEDING WITHOUT PROPER DIRECTION FROM THE ENGINEER WILL BE AT THE CONTRACTORS SOLE RISK.
- CONTRACTOR TO MAINTAIN SITE IN "FIRST CLASS" NEAT CONDITION. WORK SITE SHALL BE CLEANED UP AT END OF EACH DAY BY REMOVAL OF ANY TRASH AND/OR CONSTRUCTION DEBRIS. THE ENGINEER WILL HAVE FINAL DECISION ON ACCEPTABLE "NEAT" CONDITIONS.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES, AND SERVICE LINES PRIOR TO EXCAVATING FOR UTILITY PLACEMENT. LOCATING METHODS INCLUDE, BUT ARE NOT LIMITED TO: LOCATING SERVICES, "POT HOLING" WITH WATER, SPOT DIGGING, ETC. COSTS FOR VERIFICATION OF EXISTING UTILITIES, AND TIE-IN LOCATIONS ARE TO BE INCLUDED IN BID. THE EXISTING LINES SHOWN ARE APPROXIMATE, BASED ON UTILITY MARKINGS AND CITY'S INFORMATION.
- CONTRACTOR TO PROTECT UTILITIES, MAIL BOXES, PAVEMENT, TRASH CANS, ETC. FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR DAMAGES RESULTING FROM THEIR ACTIVITIES. COSTS FOR REPAIRS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING UNKNOWN UTILITIES AS ENCOUNTERED IN CONSTRUCTION. CONFLICTS WILL NOT BE REASON FOR CONTRACTOR TO CLAIM A DELAY OR ADDITIONAL COST ON THE PROJECT. CONTRACTOR SHALL ALERT THE ENGINEER IMMEDIATELY.
- CONTRACTOR TO COORDINATE WORK WITH THE FOLLOWING UTILITY COMPANIES, AGENCIES, AND THE CITY:
ELECTRIC CENTERPOINT ENERGY 1-888-572-4399
TEXAS ONE CALL SYSTEM 811
- CONTRACTOR TO CONTACT UTILITY & PIPELINE COMPANIES FORTY-EIGHT (48) HOURS IN ADVANCE OF WORK IN THE VICINITY OF THEIR LINES. TEXAS ONE CALL SYSTEM IS REQUIRED WITH TICKET NUMBER.
- CONTRACTOR TO MAINTAIN CLEARANCE OF ALL EXISTING UTILITIES AS REQUIRED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) AND THESE PLANS.
- REMOVE AND DISPOSE OF ALL MATERIALS AND STRUCTURES THAT ARE TO BE DEMOLISHED AND NOT NOTED FOR SALVAGE IN AN APPROVED CONTRACTOR DISPOSAL AREA. EXISTING CURBS, CULVERTS AND DRAINAGE RELATED STRUCTURES WITHIN RIGHT-OF-WAY ARE TO BE REMOVED COMPLETELY. STANDARD SPECIFICATION ("PREPARING R.O.W") ("REMOVING CONCRETE").
- CONTRACTOR TO MAINTAIN ACCESS TO RESIDENCES/BUSINESSES, DRIVEWAYS & DOORWAY THRESHOLDS SHALL NOT BE IMPASSABLE OVERNIGHT. ADVANCED COORDINATION W/ PROPERTY OWNERS, PRIOR TO DISRUPTION OF SERVICE BY CONSTRUCTION, TO BE COMPLETED BY THE CONTRACTOR, COORDINATE W/ THE ENGINEER.
- A FIELD SET OF AS-BUILT DRAWINGS SHOULD BE MAINTAINED BY THE CONTRACTOR FOR TRANSFER TO PERMANENT RECORD DRAWINGS. THESE DRAWINGS SHOULD INCLUDE MEASUREMENTS FROM EACH UNIT INSTALLED TO TWO PERMANENT OBJECTS. UTILITY SERVICE LOCATIONS SHOULD ALSO BE DOCUMENTED. PROJECT WILL NOT BE CLOSED OUT UNTIL CONTRACTOR HAS PROVIDED THESE FIELD SET(S) TO THE CONSULTING ENGINEER.
- CONTRACTOR TO STORE MATERIALS AT LOCATION(S) APPROVED BY & COORDINATED WITH THE OWNER. EQUIPMENT IS TO BE STORED OVERNIGHT AT LOCATIONS SO AS NOT TO BLOCK STREETS OR DRIVES. MATERIALS ARE TO BE PROTECTED FROM DAMAGE BY THE ELEMENTS. OWNER IS NOT RESPONSIBLE FOR THEFT OR VANDALISM.
- CONTRACTOR TO MAINTAIN ADEQUATE SITE DRAINAGE FACILITIES AS REQUIRED DURING CONSTRUCTION. PROTECT EXCAVATIONS FROM FLOODING DUE TO GROUNDWATER INFILTRATION AND RUN-OFF. INSURE THAT NO DRAINAGE ON OR OFF THE SITE IS BLOCKED BY PROPOSED CONSTRUCTION.
- CONSTRUCTION AREAS ARE TO BE CLEARED/GRUBBED COMPLETELY OF TREES, BRUSH, STUMPS, ROOTS, PIPES, PAVEMENT AND ALL MATERIALS RESULTING FROM DEMOLITION AND CONSTRUCTION. COST OF CLEARING TO COMPLETE ALL IMPROVEMENTS TO BE INCLUDED IN BID TO OWNER.
- CONTRACTOR TO BE RESPONSIBLE FOR EROSION CONTROL DURING AND AFTER CONSTRUCTION. CONTRACTOR SHALL INSTALL EROSION AND SILT CONTROL MEASURES AS REQUIRED DURING CONSTRUCTION AND SHALL REMOVE TEMPORARY MEASURES WHEN PERMANENT COVER IS ESTABLISHED.
- CONTRACTOR IS RESPONSIBLE FOR O.S.H.A. ESTABLISHED TRENCH SAFETY AS DESCRIBED IN THE FEDERAL REGISTER 29 CFR PART 1926. A TRENCH SAFETY PLAN SHOULD BE PREPARED AND A "COMPETENT PERSON" APPOINTED PRIOR TO ANY AND ALL EXCAVATING OPERATIONS EXCEEDING 5' DEPTH. THE PLAN IS TO BE PREPARED AND SEALED BY A REGISTERED TEXAS PROFESSIONAL ENGINEER AND SHALL BE SUBMITTED TO BRAZOS COUNTY AND CONSULTING ENGINEER PRIOR TO ANY EXCAVATION ON THE PROJECT. INCLUDE PLAN WITH PROJECT SUBMITTALS.
- EXISTING GRADES SHALL BE RE-ATTAINED AND PROPOSED GRADES SHALL BE ATTAINED BY SHAPING BACKFILL MATERIAL BY CUT AND FILL OPERATIONS. FILL OPERATIONS ARE TO BE ACCOMPLISHED BY PLACING MATERIAL IN 6-INCH (LOOSE MEASURE) LIFTS AND 98% DENSITY AS DETERMINED BY ASTM D698 (STANDARD PROCTOR), OR AS NOTED IN DETAILS. CONTRACTORS (BIDDERS) ARE TO PERFORM THEIR OWN QUANTITIES DETERMINATION PRIOR TO BIDDING. ALL EARTHWORK TO BE INCLUDED IN BID.
- FINISHED GRADES OF NATURAL GROUND, SOD, PAVEMENT, ETC. TO BE SLOPED TO PROVIDE PROPER DRAINAGE.
- SELECT BORROW MATERIAL SHALL HAVE A PLASTICITY INDEX (PI) OF 8 TO 18.
- CONTRACTORS ARE TO COORDINATE THE HOLDING/SUPPORT OF UTILITY POLES WITH RESPECTIVE OWNERS WHERE NECESSARY TO FACILITATE CONSTRUCTION. ALL COORDINATION WITH UTILITY COMPANIES IS TO BE INCLUDED WITH BID ITEMS FOR WORK TO BE PERFORMED.
- CULVERTS, DRIVEWAYS, SIDEWALKS, SIGNS, MAILBOXES, ETC. DISTURBED/DAMAGED BY CONSTRUCTION THAT ARE NOT SPECIFIED FOR REMOVAL/REPLACEMENT ARE TO BE RESET/REPLACED AT NO ADDITIONAL COST.
- ALL EARTHEN AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REGRADED, HYDROMULCHED, AND FERTILIZED. THIS WORK SHALL BE DONE AS OUTLINED IN THE SPECIFICATION. THIS WORK IS SUBSIDIARY TO SITE RESTORATION LINE ITEMS.
- VERIFY LOCATION AND GRADE OF STORM SEWER OUTFALLS AND TIE-INS PRIOR TO CONSTRUCTION OF UPSTREAM IMPROVEMENTS.
- CONTRACTOR TO MAINTAIN STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ON SITE. BEST MANAGEMENT PRACTICES TO BE USED INCLUDING BUT NOT LIMITED TO ROCK FILTER DAMS, HAY BALES, INLET PROTECTION, SILT FENCES, ETC.
- CONTRACTOR TO COORDINATE WITH TRASH COLLECTOR TO ENSURE CONTINUING SERVICE DURING CONSTRUCTION.

General Notes

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- UTILITY CONSTRUCTION AND MATERIALS SHALL MEET THE REQUIREMENTS OF THESE PLANS: TCEQ "RULES & REGULATIONS FOR PUBLIC WATER SYSTEMS".
- CONTRACTOR AND HIS SUPPLIER TO SUPPLY & INSTALL FITTINGS AS DESIGNED. ANY ADDITIONAL FITTING REQUIRED BUT NOT NOTED ON PLANS BUT NECESSARY FOR CONSTRUCTION WILL BE CONSIDERED SUBSIDIARY. CONTRACTOR TO MAKE THEIR OWN DETERMINATION FOR SUBSIDIARY ITEMS. COST TO BE INCLUDED IN PIPE BIDS.
- ALL UTILITIES TO BE TESTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS. TESTS TO BE COORDINATED WITH & WITNESSED BY INSPECTOR.
- EMBEDMENT REQUIREMENTS NOTED ON THESE PLANS ARE TO BE STRICTLY ADHERED TO.
- CONTRACTOR SHALL COORDINATE ALL MAIN AND SERVICE CONNECTIONS WITH THE CITY OF SEALY AND INDIVIDUAL PROPERTY OWNERS (WHERE NECESSARY). CONTRACTOR WILL GIVE 72 HOUR NOTICE TO CUSTOMERS FOR DISRUPTION OF WATER SERVICE. WATER SERVICES SHALL NOT BE INTERRUPTED TO ANY RESIDENCE OR BUSINESS FOR LONGER THAN A SIX HOUR PERIOD.
- SANITARY SEWER GRAVITY LINE TO BE SDR 26 (HEAVY WALL) PVC AND CONFORM TO ASTM D3034 (AS APPROVED BY THE CITY OF BRYAN). SEPARATION REQUIREMENT TO ADHERE TO TCEQ (RE: DETAIL).
- WATERLINE TO BE PVC (POLYVINYL CHLORIDE) AND CONFORM TO ASTM D2241. PIPE 6" AND LARGER IN DIAMETER TO BE C-900 PVC. SERVICE LINES SHALL BE 1" OR 1-1/2" COPPER TYPE "K". PVC PIPE JOINTS TO HAVE SINGLE GASKET BELL TYPE JOINTS. PROVIDE 48" MINIMUM COVER FOR WATERLINES UNLESS NOTED.
- GATE VALVES TO BE SAME SIZE AS LINE IN WHICH INSTALLED UNLESS NOTED. PROVIDE IRON BODIED RESILIENT SEAT GATE VALVES.
- FITTINGS TO BE DUCTILE IRON CONFORMING TO AWWA C110 AND ANSI A21 10 FOR 2 INCHES IN DIAMETER AND LARGER.
- SEALY WILL SHUT OFF WATER ONLY IF ABSOLUTELY NECESSARY FOR CONTRACTOR TO MAKE TIE-INS. CONTRACTOR WILL 72 HOUR NOTICE TO CITY. CLOSE COORDINATION IS REQUIRED TO ALLOW SEALY SUFFICIENT TIME TO NOTIFY CUSTOMERS WATER WILL BE SHUT-OFF. SEALY WILL SHUT WATER OFF ONLY ONCE CONTRACTOR TO HAVE SUFFICIENT STAFF AND ALL REQUIRED MATERIALS ON SITE PRIOR TO BEGINNING OF WORK AND SYSTEM SHUT DOWN. ALL TIE-INS ARE TO BE COMPLETED WITHIN A 6 HOUR PERIOD.
- ALL NECESSARY ADJUSTMENTS TO UTILITY RELATED ITEMS (IE: WATER METERS, VALVE BOXES, GAS METERS, VALVE BOXES, MONITORING WELLS, MANHOLES, ETC.) ARE TO BE SUBSIDIARY. COSTS TO BE INCLUDED IN BID.
- CONTRACTOR IS RESPONSIBLE FOR FINDING ALL SANITARY SEWER SERVICES. PRELIMINARY INVESTIGATION WILL ALSO CONFIRM ADDITIONAL SERVICES THAT ARE NECESSARY WHICH ARE NOT SHOWN IN PLANS. CONTRACTOR SHALL HAVE THE EXISTING SEWER MAIN TYPED PRIOR TO CONSTRUCTION, TO LOCATE ALL SERVICE TIE-IN LOCATIONS.
- VERIFY LOCATION AND GRADE OF SANITARY SEWER TIE-INS PRIOR TO CONSTRUCTION TO ENSURE NO CONFLICTS WITH OTHER UTILITIES & PROPOSED DRAINAGE SYSTEM.
- A LICENSED PLUMBER IS REQUIRED FOR ALL WORK RELATED TO WATER AND SANITARY SEWER SERVICES THAT IS ON PRIVATE PROPERTY.
- ALL MANHOLES ARE TO BE ADJUSTED FOR TEMPORARY & FINAL GRADES SO THAT TRAFFIC CAN PASS DURING ALL PHASES OF CONSTRUCTION. COSTS SHALL BE INCLUDED IN MANHOLE BIDS.
- CONTRACTOR TO LOCATE ALL INTERCONNECT/DISCONNECT LOCATIONS PRIOR TO CONSTRUCTION. LINES TO BE CUT, DISCONNECTED & CAPPED AS NOTED IN PLANS.

Utility Notes

6

- SUBGRADE SHALL BE PREPARED WITH A MINIMUM 6" THICKNESS, STABILIZED AS REQUIRED (TYPE AND PERCENTAGE) BY THE GEOTECHNICAL REPORT, COMPACTED TO A MINIMUM OF 98% STANDARD EFFORT.
- MATERIALS TO BE AS FOLLOWS:
CRUSHED AGGREGATE - TYPE A, GRADE 1 OR 2 OF TXDOT ITEM 247 "FLEXIBLE BASE" (OR AN APPROVED EQUIVALENT MATERIAL)
CONCRETE - 28-DAY COMPRESSIVE STRENGTH = 3500 PSI
REINFORCING STEEL - ASTM A615, GRADE 60
- THE FOLLOWING CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL, UNLESS OTHERWISE SHOWN:
3" - CONCRETE CAST DIRECTLY AGAINST THE GROUND
2" - FORMED SURFACES OR TOP OF FINISHED SURFACES
- LAP REINFORCING STEEL IN ACCORDANCE WITH ACI 318-02 (CLASS B). ALL DOWELS SHOULD BE PLACED STRAIGHT IN CONCRETE (NO BENDING) BY USING A DOWEL BASKET, ETC.
- PAVING RECONSTRUCTION IS NOT TO PROCEED UNTIL UTILITY CONSTRUCTION IS SUCCESSFULLY TESTED, NEW SYSTEM IS OPERATING, & ABANDONMENT OF OLD SYSTEM IS COMPLETE.
- PAVEMENT TIE-INS TO EXISTING PAVEMENT TO BE SUBSIDIARY TO THE PERTINENT BID ITEMS, SHALL BE SLOPED TO MATCH ADA AND CITY OF SEALY SPECIFICATIONS, AND SLOPED TO ENSURE PROPER DRAINAGE.
- PAVING RECONSTRUCTION IS NOT TO PROCEED UNTIL UTILITY CONSTRUCTION IS SUCCESSFULLY TESTED, NEW SYSTEM IS OPERATING, & ABANDONMENT OF OLD SYSTEM IS COMPLETE.
- PAVEMENT TIE-INS TO EXISTING PAVEMENT TO BE SUBSIDIARY TO THE PERTINENT BID ITEMS, SHALL BE SLOPED TO MATCH ADA AND CITY OF SEALY SPECIFICATIONS, AND SLOPED TO ENSURE PROPER DRAINAGE.
- PROVIDE EXPANSION JOINTS AND CONTROL JOINTS IN ACCORDANCE WITH CONSTRUCTION PLANS. CURB AND GUTTER SHALL HAVE 1/2" REMOLDED OR 3/4" REDWOOD OR CYPRESS EXPANSION JOINT AS DETAILED (UNLESS NOTED OTHERWISE), AND SHALL HAVE GROOVED CONTROL JOINTS AS DETAILED. ALL JOINTS WILL BE SEALED IN ACCORDANCE W/ TECHNICAL SPECIFICATIONS. EXPANSION JOINTS FOR CURB AND GUTTER SHALL MATCH EXPANSION JOINTS IN STREET.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PAVEMENT TIE-IN ELEVATIONS PRIOR TO CONSTRUCTION TO ENSURE THAT TRANSITION FROM EXISTING TO NEW PAVEMENT IS FLUSH AND WITHIN ADA COMPLIANCE. CONTRACTOR SHALL REPORT DISCREPANCIES WITH TIE-IN ELEVATIONS TO PROJECT ENGINEER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT PROCEED WITHOUT DIRECTION TO RESOLVE THE DISCREPANCIES FROM THE PROJECT ENGINEER. IF THE CONTRACTOR CONSTRUCTS THE NEW PAVEMENT WITHOUT DIRECTION FROM THE PROJECT ENGINEER AND THE PAVEMENT IS OUT OF COMPLIANCE; THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT REQUIRED TO MAKE THE NEW PAVEMENT COMPLIANT AT THE CONTRACTOR'S EXPENSE
- COORDINATE CONSTRUCTION CLOSELY WITH THE CITY OF BRYAN TO ASSURE THAT THERE ARE NO CONFLICTS BETWEEN GRADING, DRAINAGE AND PAVING IMPROVEMENTS.
- PROPOSED PAVEMENT ELEVATIONS SHOWN ARE TOP OF FINISHED PAVEMENT (P), OR CURB (T) AS NOTED. PROPOSED FLOWLINE ELEVATIONS ARE NOTED (FL).

Paving Notes

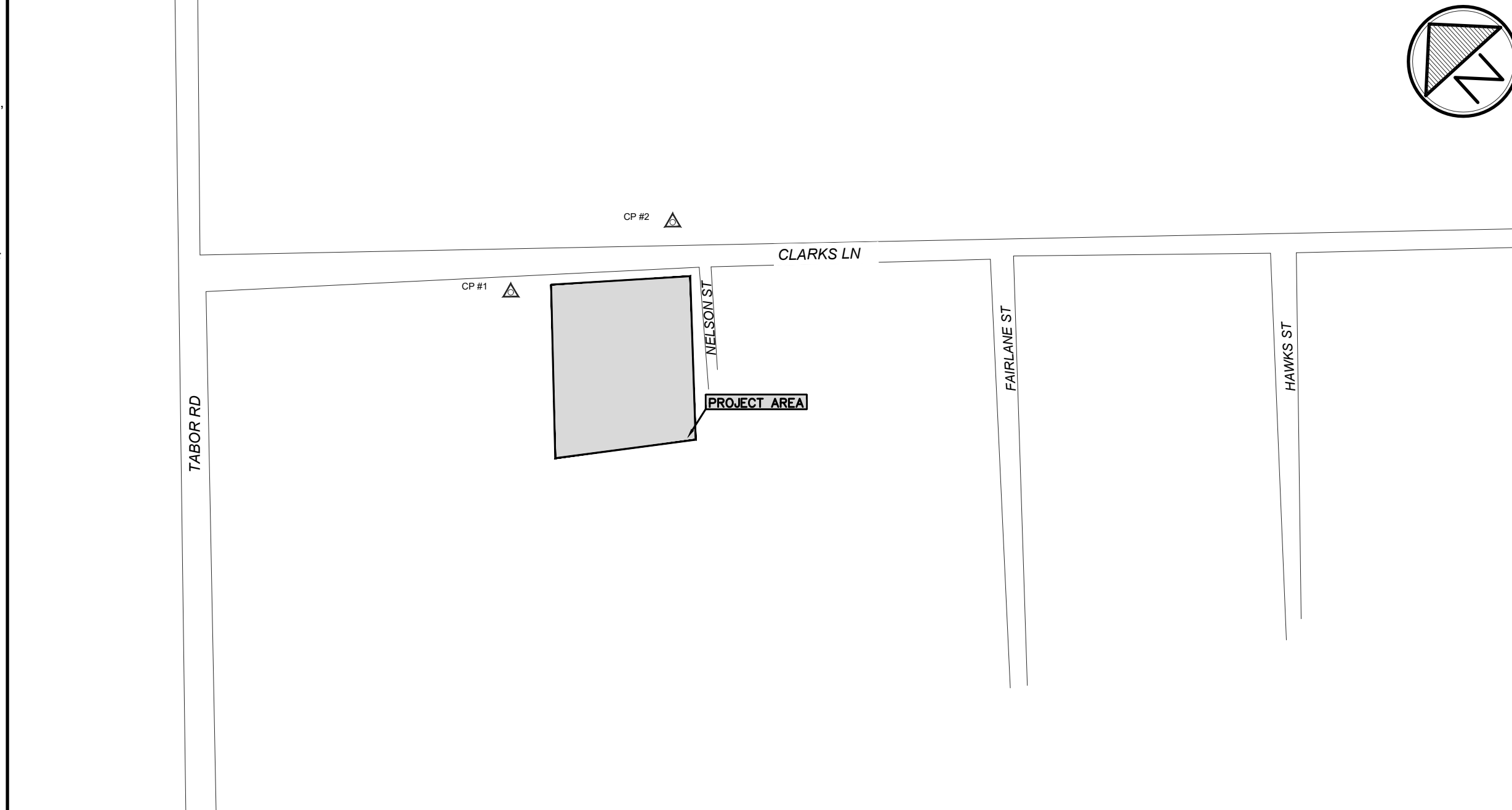
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Utility Locate Service **N.T.S.** **4**

Control Point List		
NO.	DESCRIPTION	ELEV./COORD.
1	IRON ROD ON THE SOUTH SIDE OF CLARKS LANE. APPROXIMATELY 80' FROM EXISTING DRIVEWAY CULVERT AND 72' FROM EXISTING BUILDING	ELEV: 376.98 E: 3541850.5479 N: 10245019.8421
2	IRON ROD ON THE NORTH SIDE OF CLARKS LANE. APPROXIMATELY 163' FROM EXISTING SSMH#278 AND 181' FROM EXISTING POWER POLE ON THE CORNER OF THE PROPERTY.	ELEV: 149.51 E: 3542150.6018 N: 10244908.0292

Bench Mark/Control Point List **3** **Legend** **2**



Vicinity Map

Existing

- EXISTING RIGHT-OF-WAY
- SANITARY SEWER
- WATER LINE
- NATURAL GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND FIBER OPTIC CABLE
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- OVERHEAD CABLE TV
- CHAINLINK FENCE
- BARBED WIRE FENCE
- WOOD FENCE
- IRRIGATION CONTROL VALVE
- FIRE HYDRANT
- WATER VALVE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- POWER POLE
- GUY WIRE
- WATER METER
- TELEPHONE BOX
- GAS METER
- TELEPHONE POLE
- GAS VALVE
- MAILBOX
- BENCH MARK
- CONTROL POINT
- ASPHALT
- GRAVEL
- CONCRETE
- TREE

Proposed

- CLEANOUT
- SEWER LINE (SIZE NOTED)
- STORM SEWERLINE (SIZE NOTED)
- SIGN (TYPE NOTED)
- 6" GRAVEL PAVEMENT
- SILT FENCE

G=GROUND
T=TOP OF CURB
P=TOP OF PAVEMENT
FL=FLOW LINE

NOTE: LEGENDS WITHIN SPECIFIC SECTIONS APPLY ONLY TO THOSE SECTIONS. THE ITEMS LISTED ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE.

NO.	DATE	REVISIONS
1		
2		
3		
4		

DRAWN BY: HJ
APP'D BY: JIR
ISSUED: ###

T.B.P.E.L.B. FIRM NO. F-413
T.B.A.E. FIRM NO. BR 201
T.B.P.E.L.B. FIRM NO. 13111000

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485 RICE ROAD, STE. 107 - TYLER, TEXAS 75703 • (409) 918-1380
612-2021-1456 • MOBILE: 781-223-1524

STATE OF TEXAS
JOHN RUSK
87884
LICENSED PROFESSIONAL ENGINEER
02/27/2025

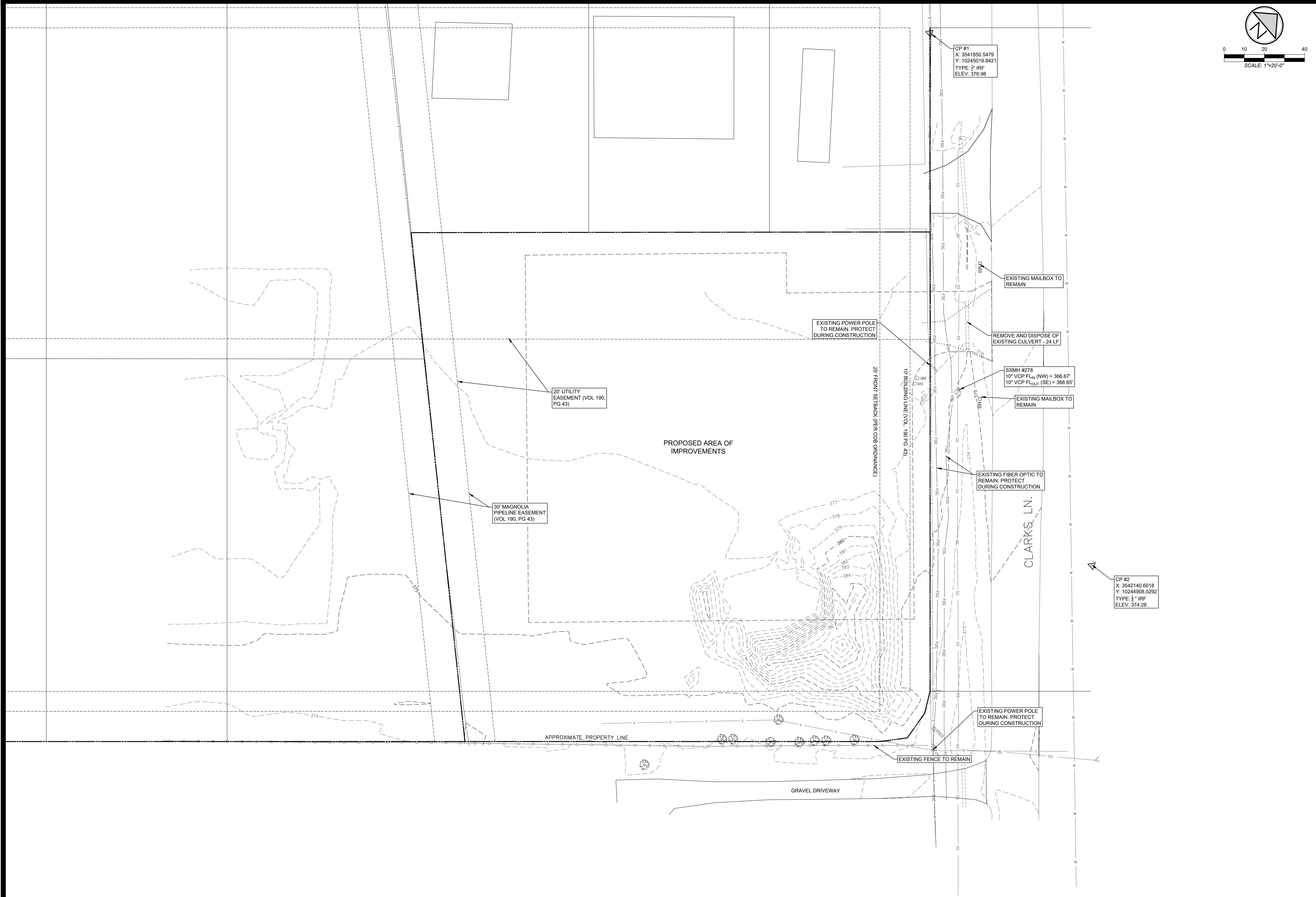
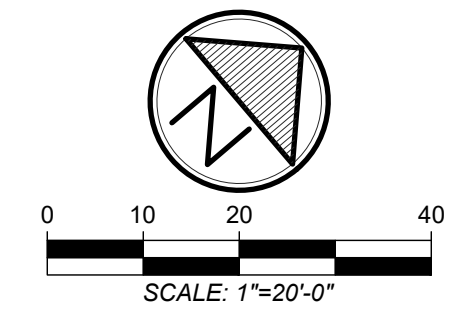
New Metal Building
RW Clarks
Bryan, Texas
Civil Notes & Information

JOB NUMBER
200151

SHEET NO.

C0.0

1"=200'-0" **1**



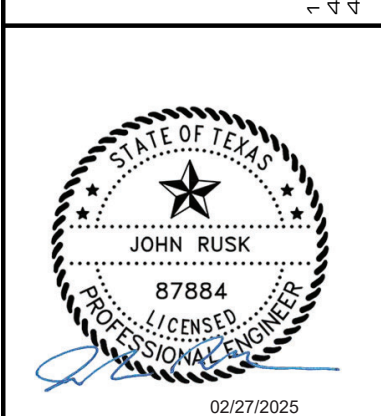
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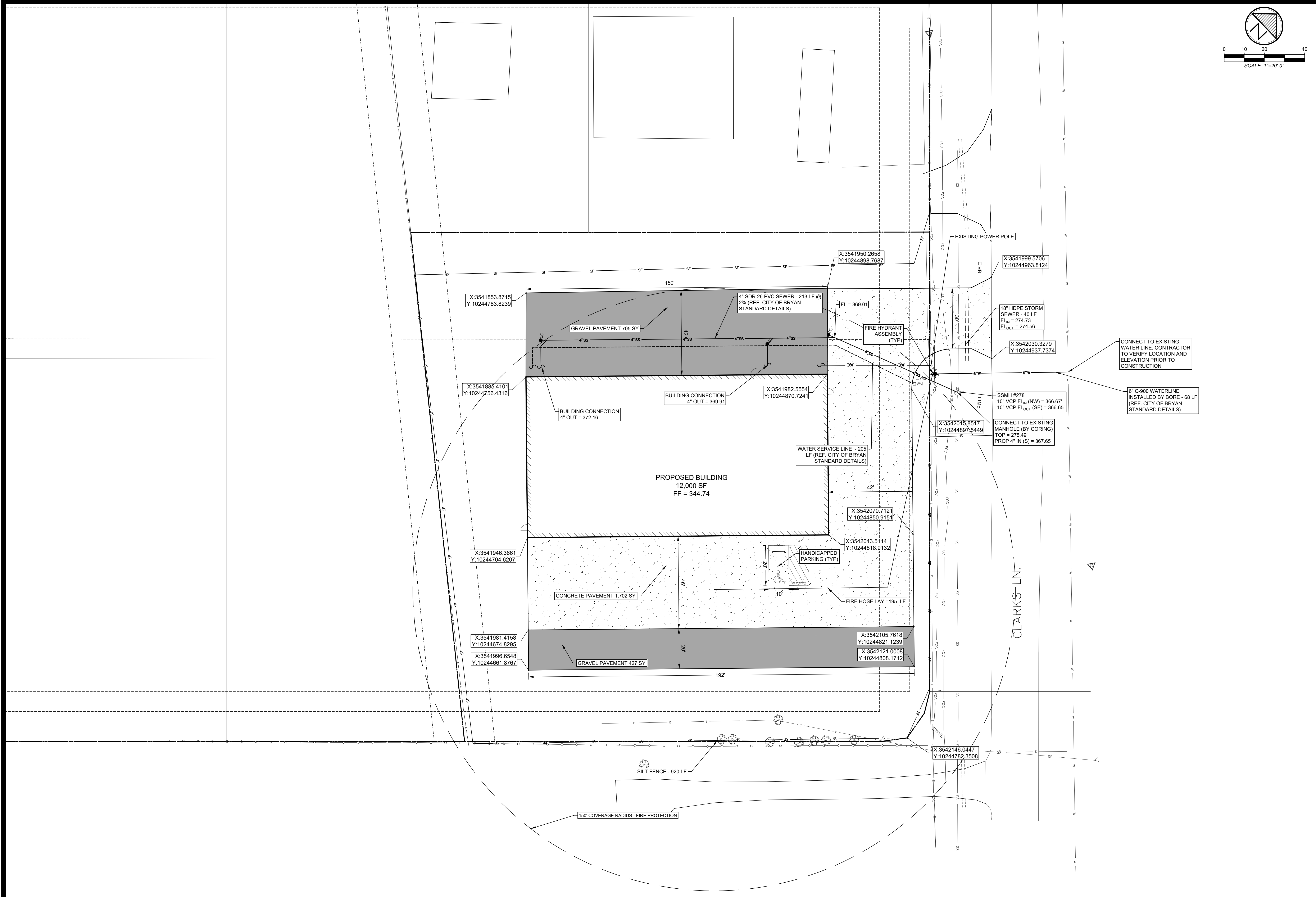
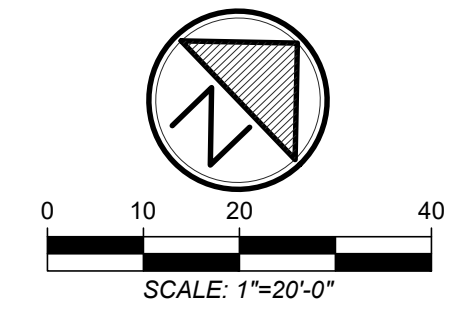
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 455 RICE ROAD, SUITE 100 - WACO, TEXAS 76708 - (817) 897-1500



New Metal Building
 RW Clarks
 Bryan, Texas
Existing Conditions & Demo

JOB NUMBER
200151

SHEET NO.
C1.0



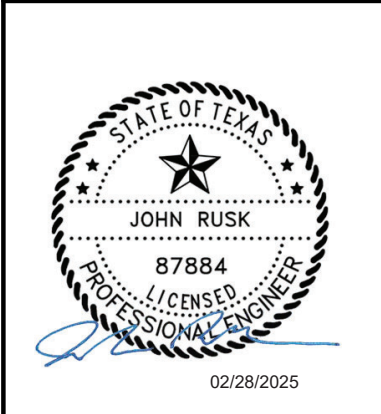
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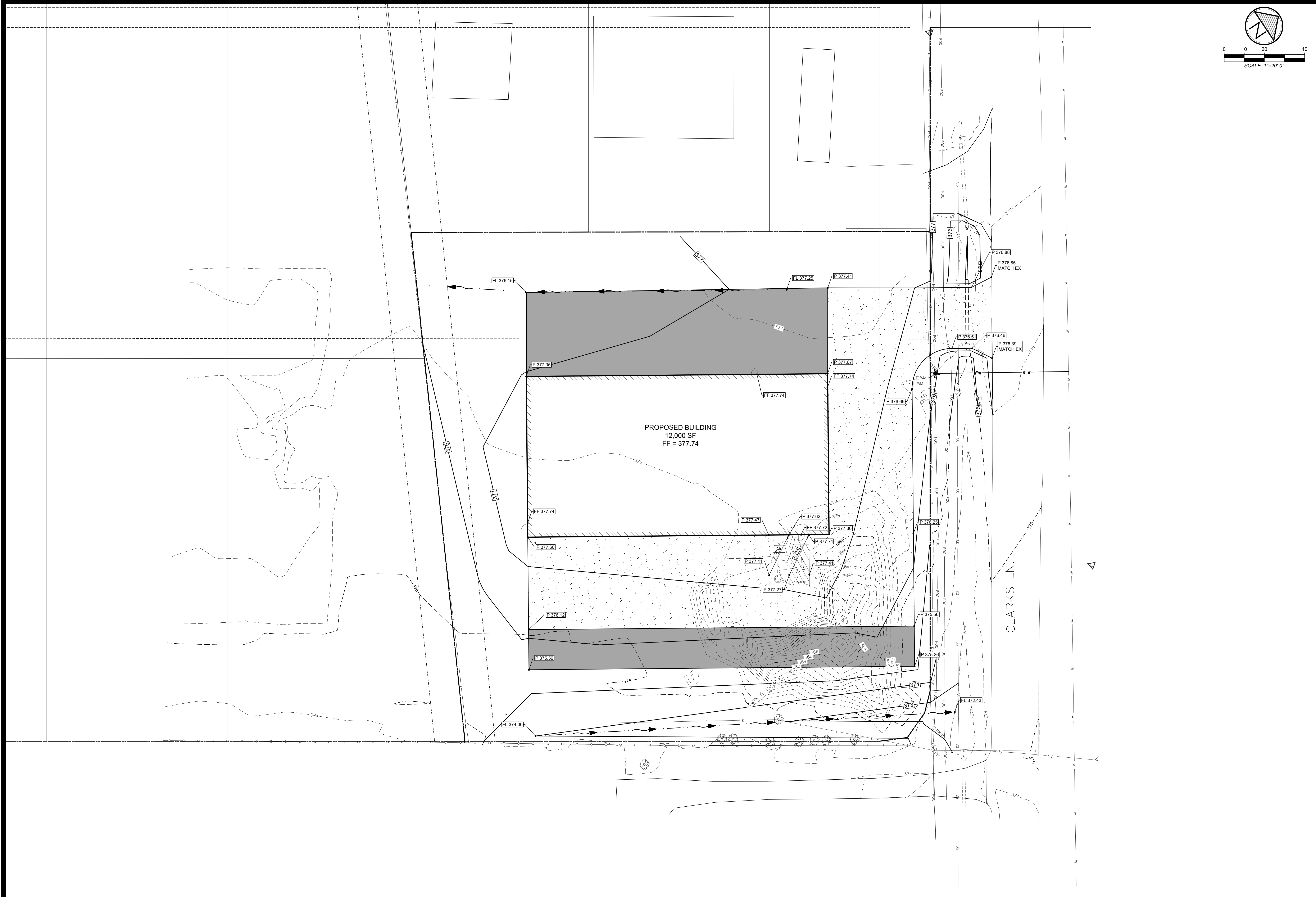
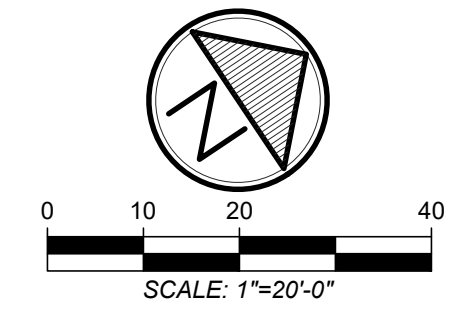
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New Metal Building
 RW Clarks
 Bryan, Texas
Site & Utility Plan

JOB NUMBER
200151

SHEET NO.
C2.0



REVISIONS	DATE	BY	ISSUED
1		HJ	###
2		MK	###
3			###
4			###

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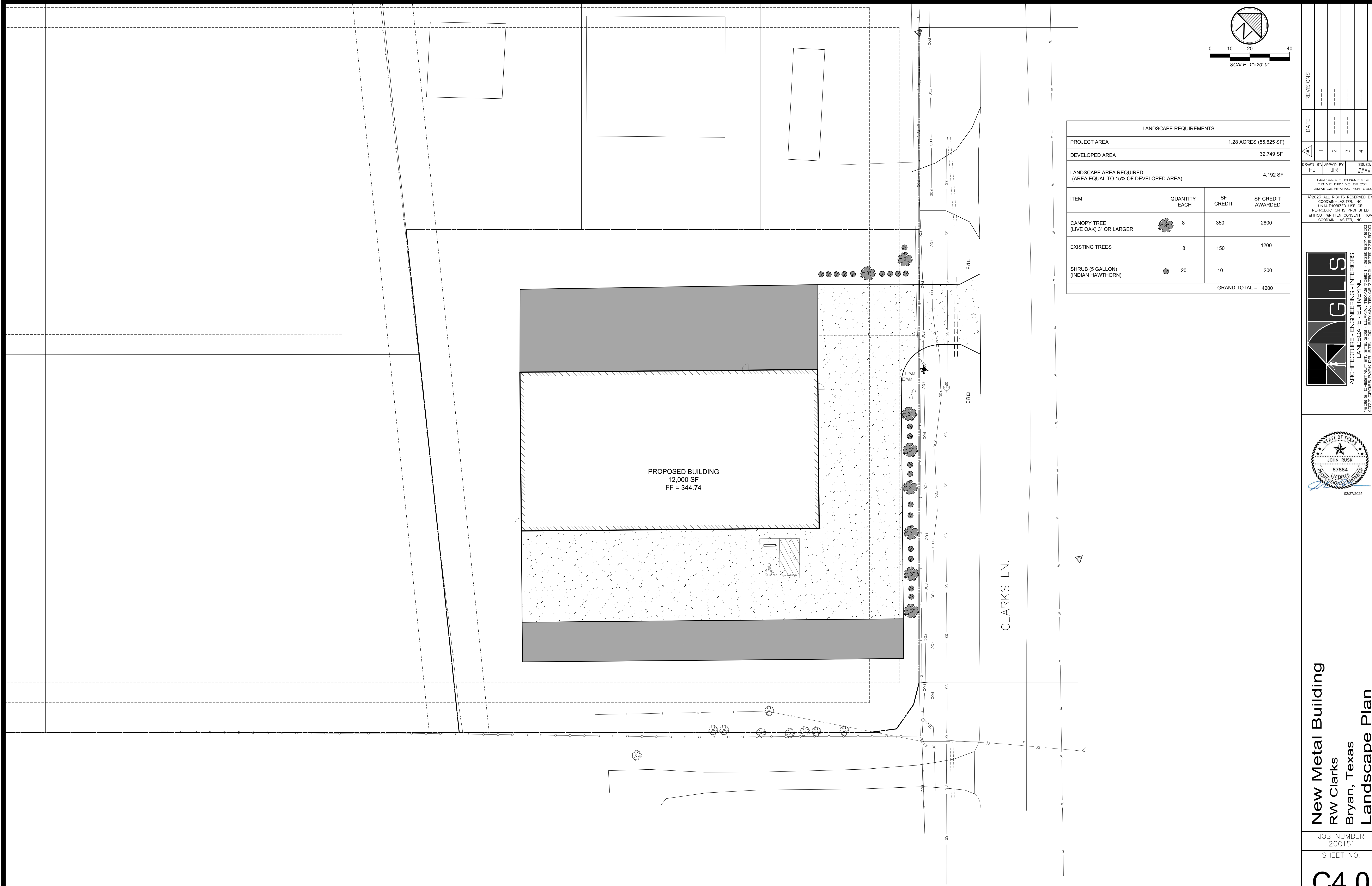


02/28/2025

New Metal Building
 RW Clarks
 Bryan, Texas
Grading Plan

JOB NUMBER
 200151

SHEET NO.
C3.0

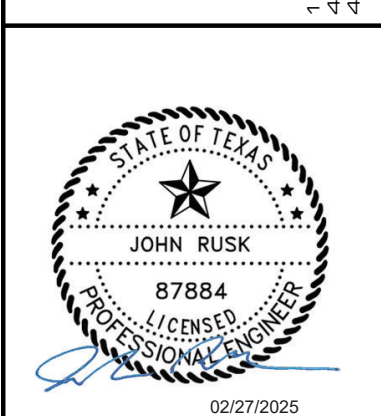


LANDSCAPE REQUIREMENTS			
PROJECT AREA	1.28 ACRES (55,625 SF)		
DEVELOPED AREA	32,749 SF		
LANDSCAPE AREA REQUIRED (AREA EQUAL TO 15% OF DEVELOPED AREA)	4,192 SF		
ITEM	QUANTITY EACH	SF CREDIT	SF CREDIT AWARDED
CANOPY TREE (LIVE OAK) 3" OR LARGER	8	350	2800
EXISTING TREES	8	150	1200
SHRUB (5 GALLON) (INDIAN HAWTHORN)	20	10	200
GRAND TOTAL = 4200			

SCALE: 1"=20'-0"

DATE	REVISIONS

DRAWN BY: HJ APP'D BY: JIR ISSUED: ###
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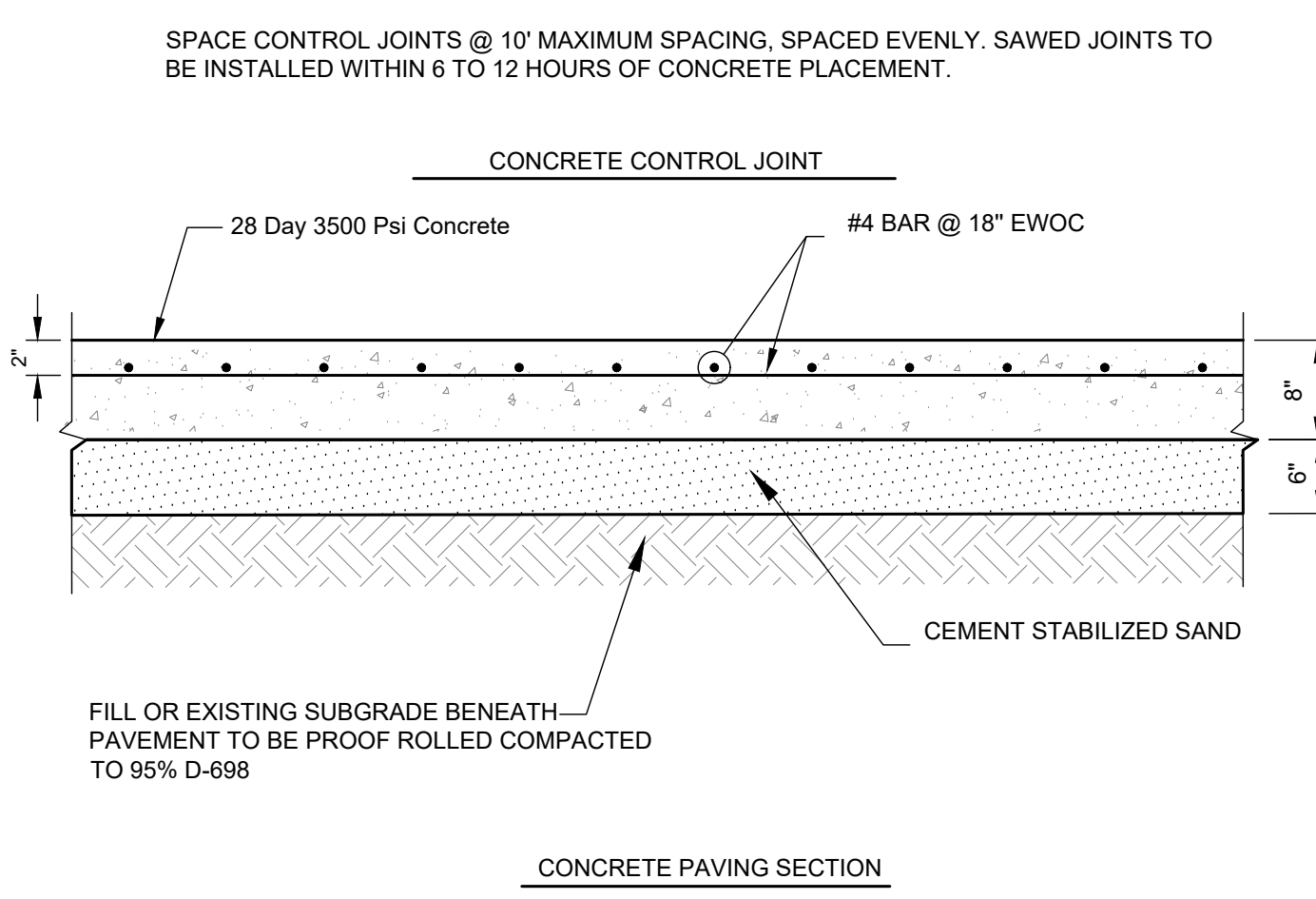
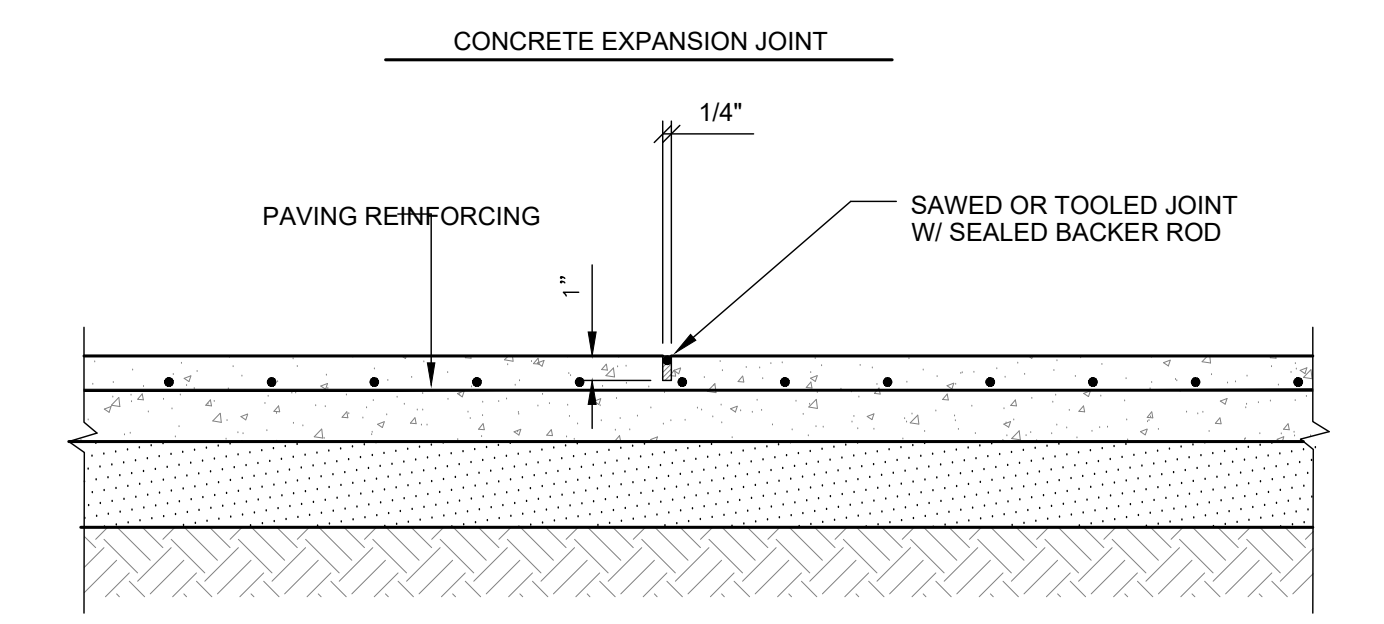
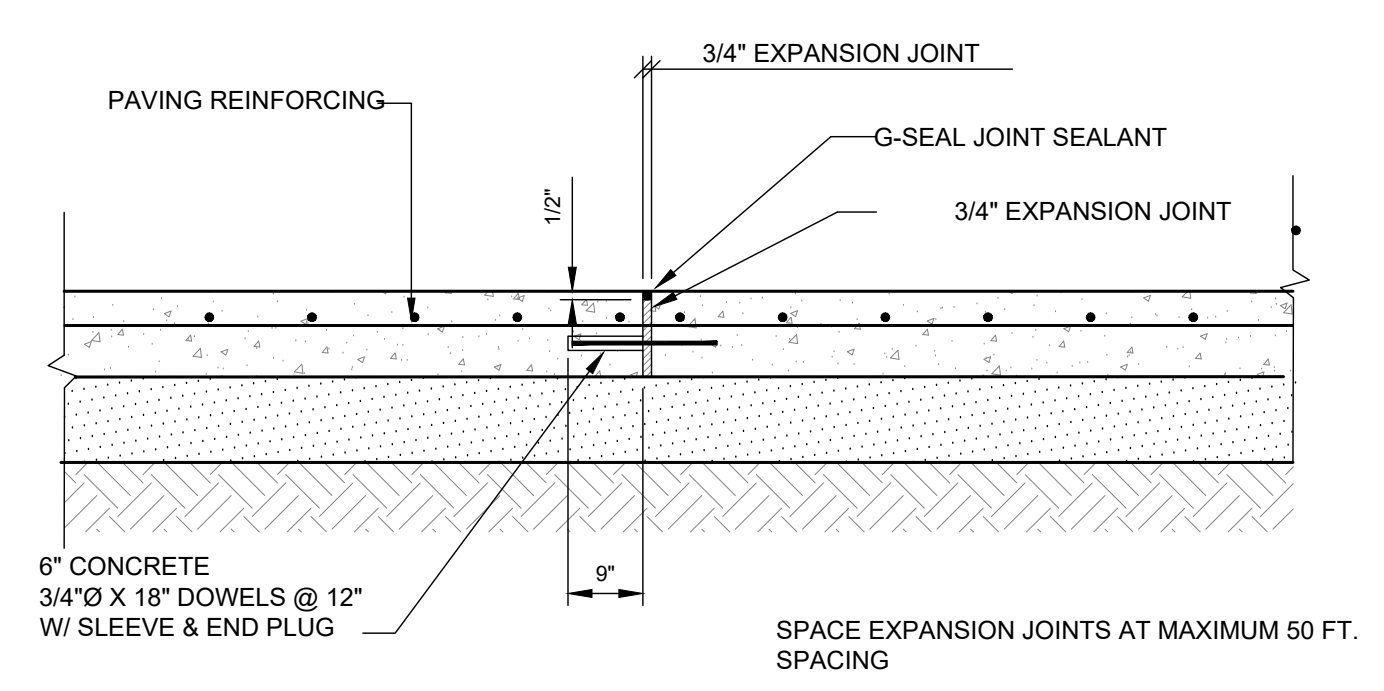
New Metal Building
 RW Clarks
 Bryan, Texas
Landscape Plan

JOB NUMBER
 200151
 SHEET NO.

C4.0

Sanitary Sewer Service

N.T.S. 12



Concrete Pavement

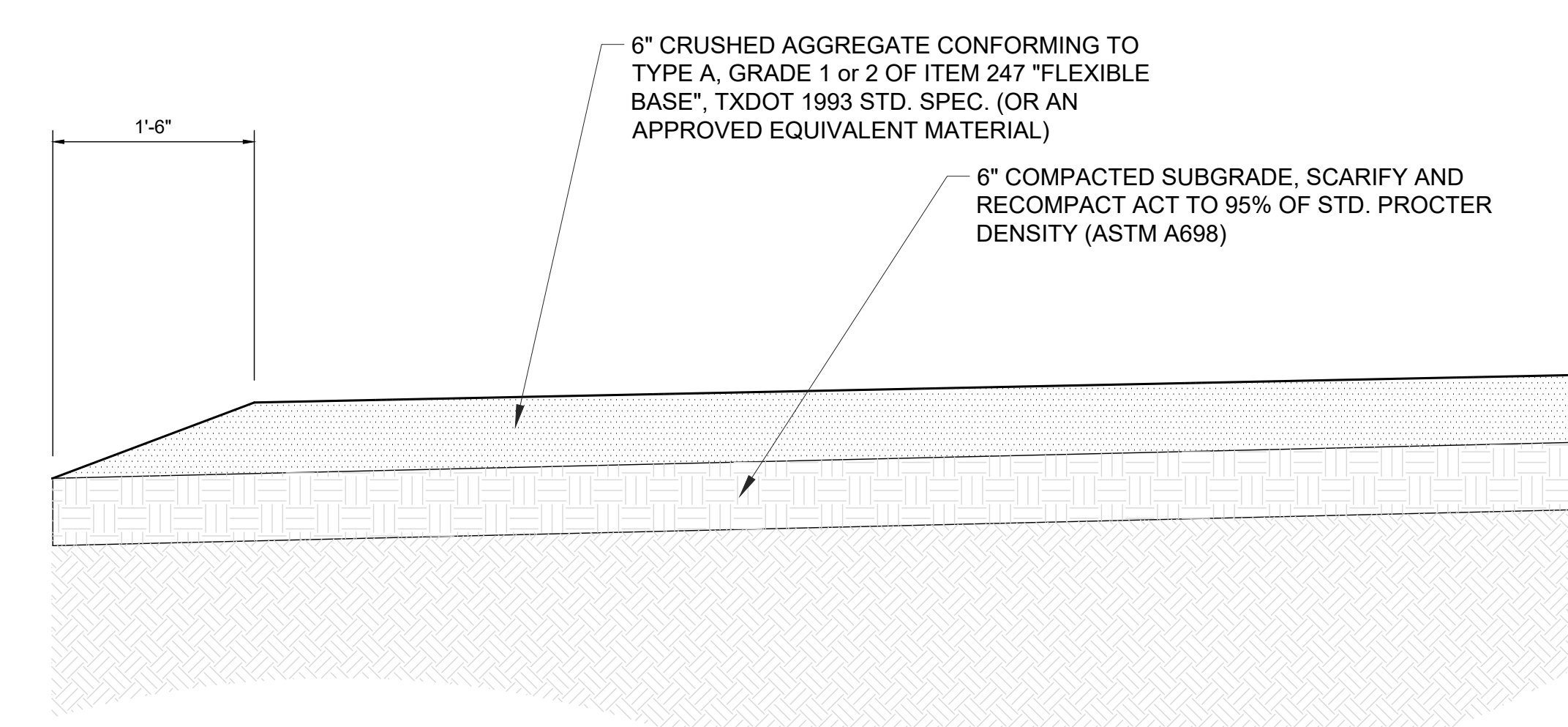
N.T.S. 10

Concrete Pavement (Alternate)

N.T.S. 8

Not Used

N.T.S. 5

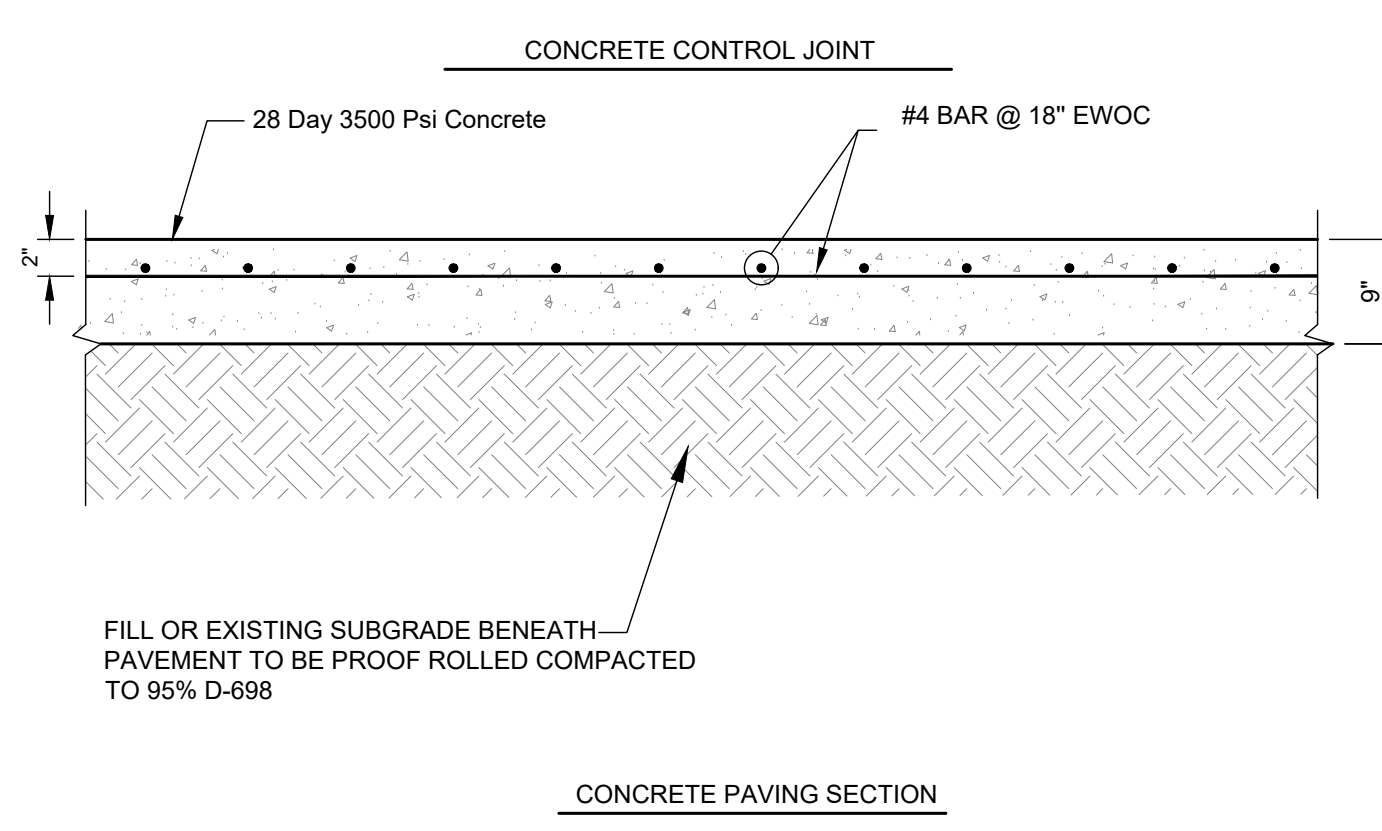
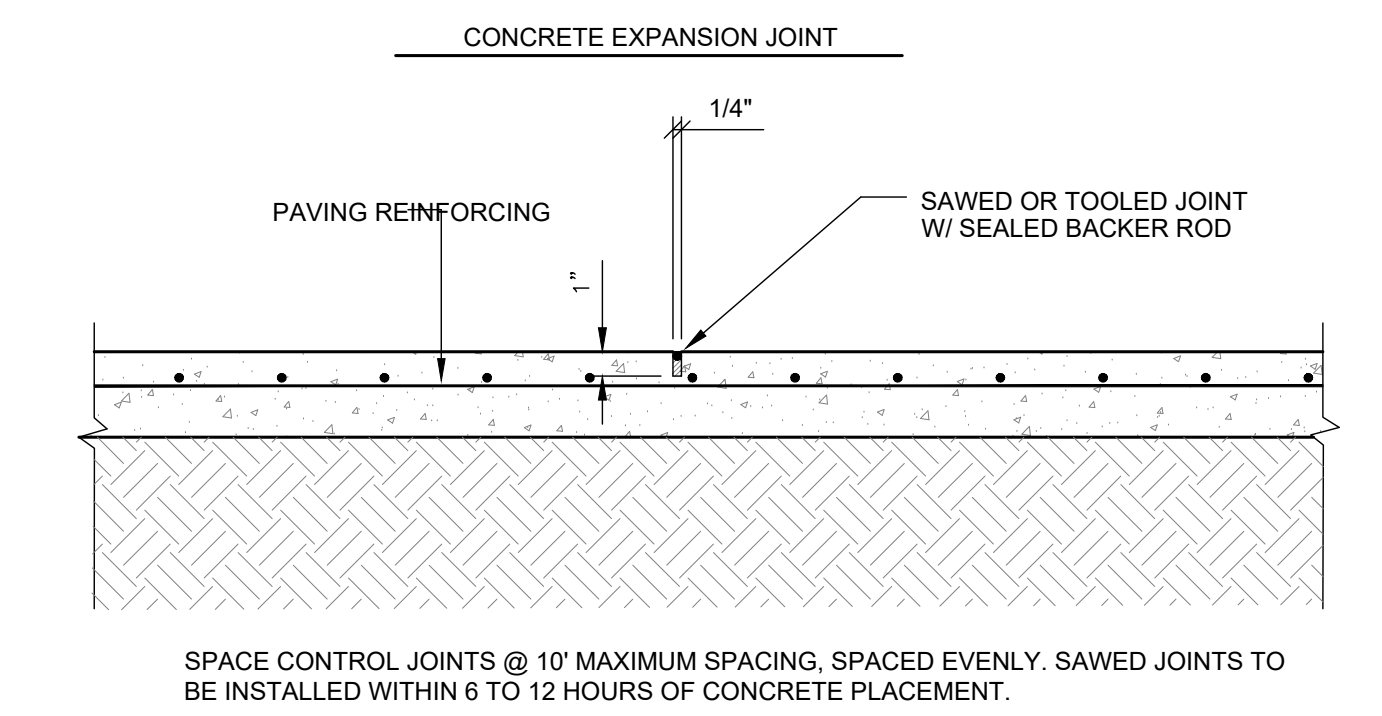
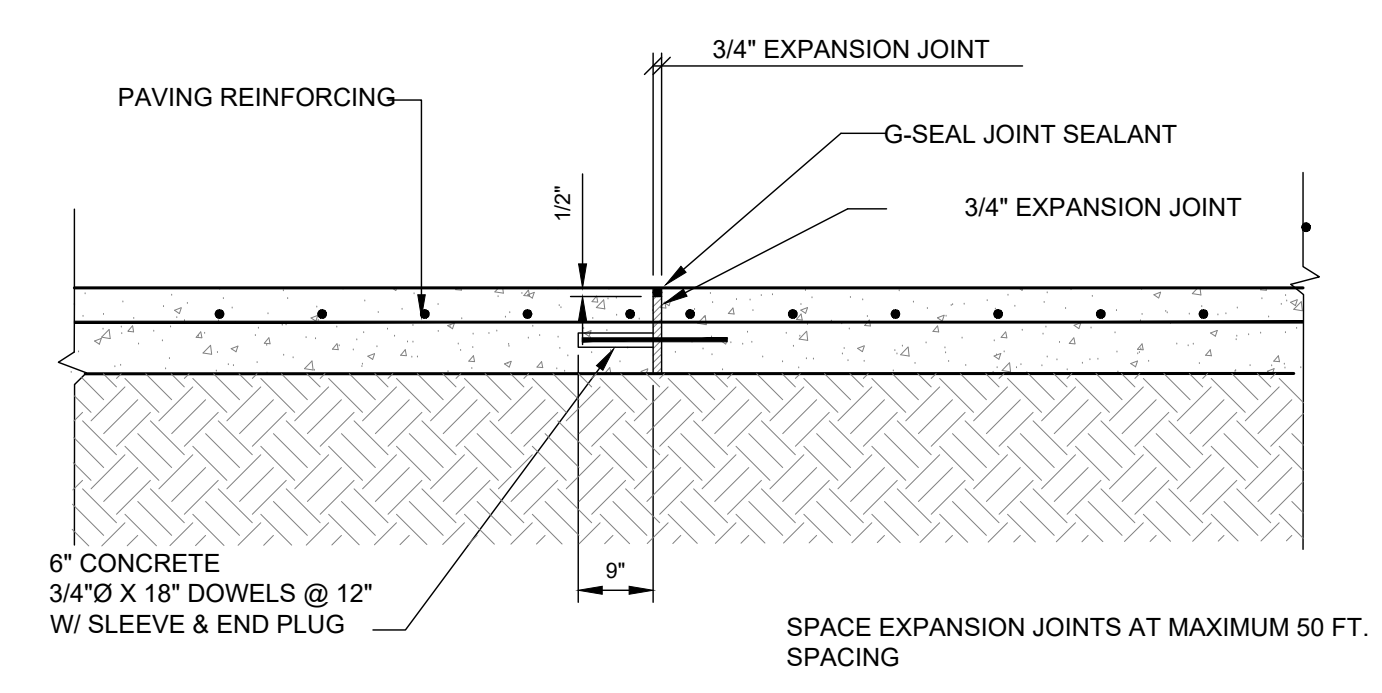


Gravel Pavement

N.T.S. 4

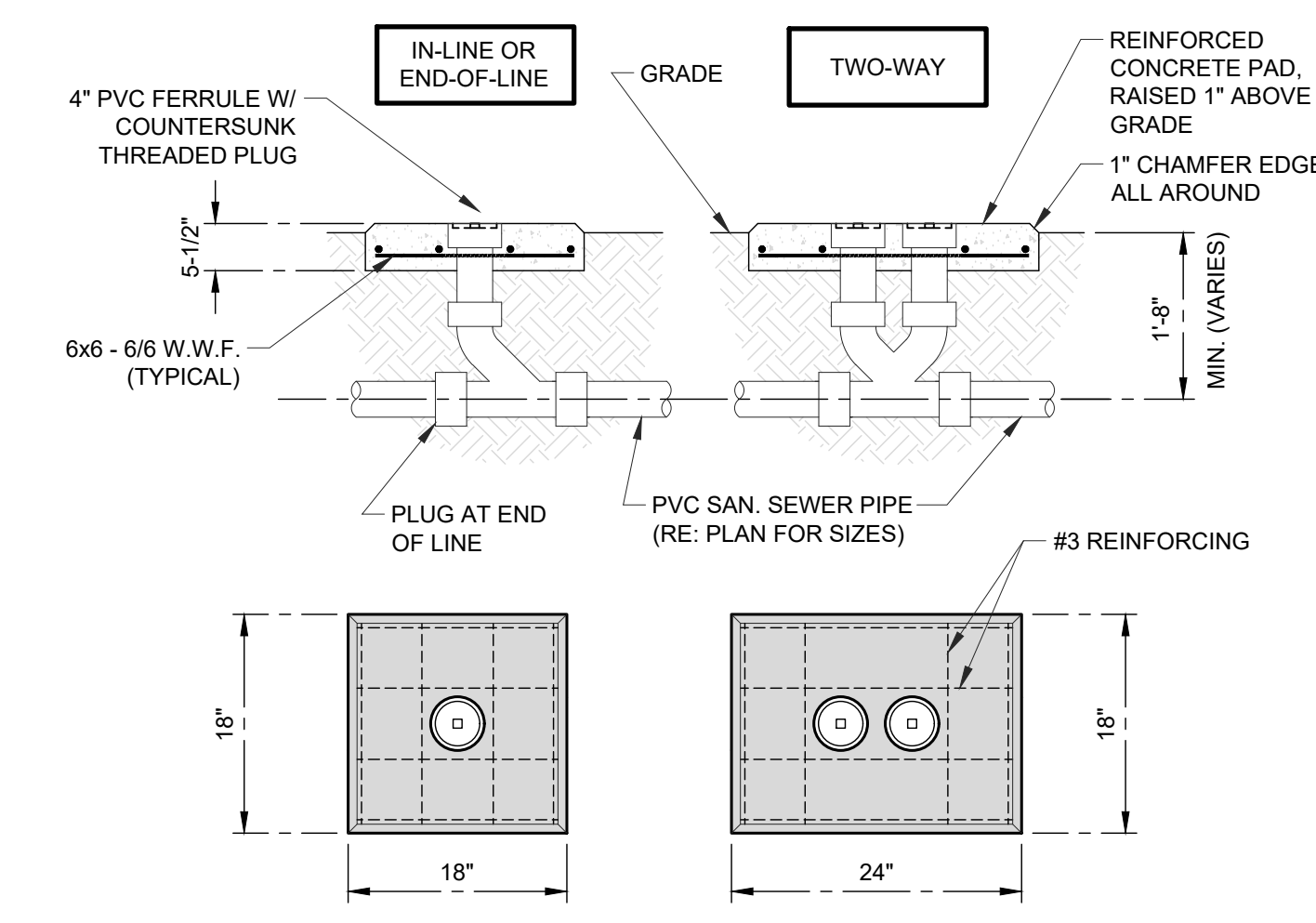
Gate Valve

N.T.S. 6



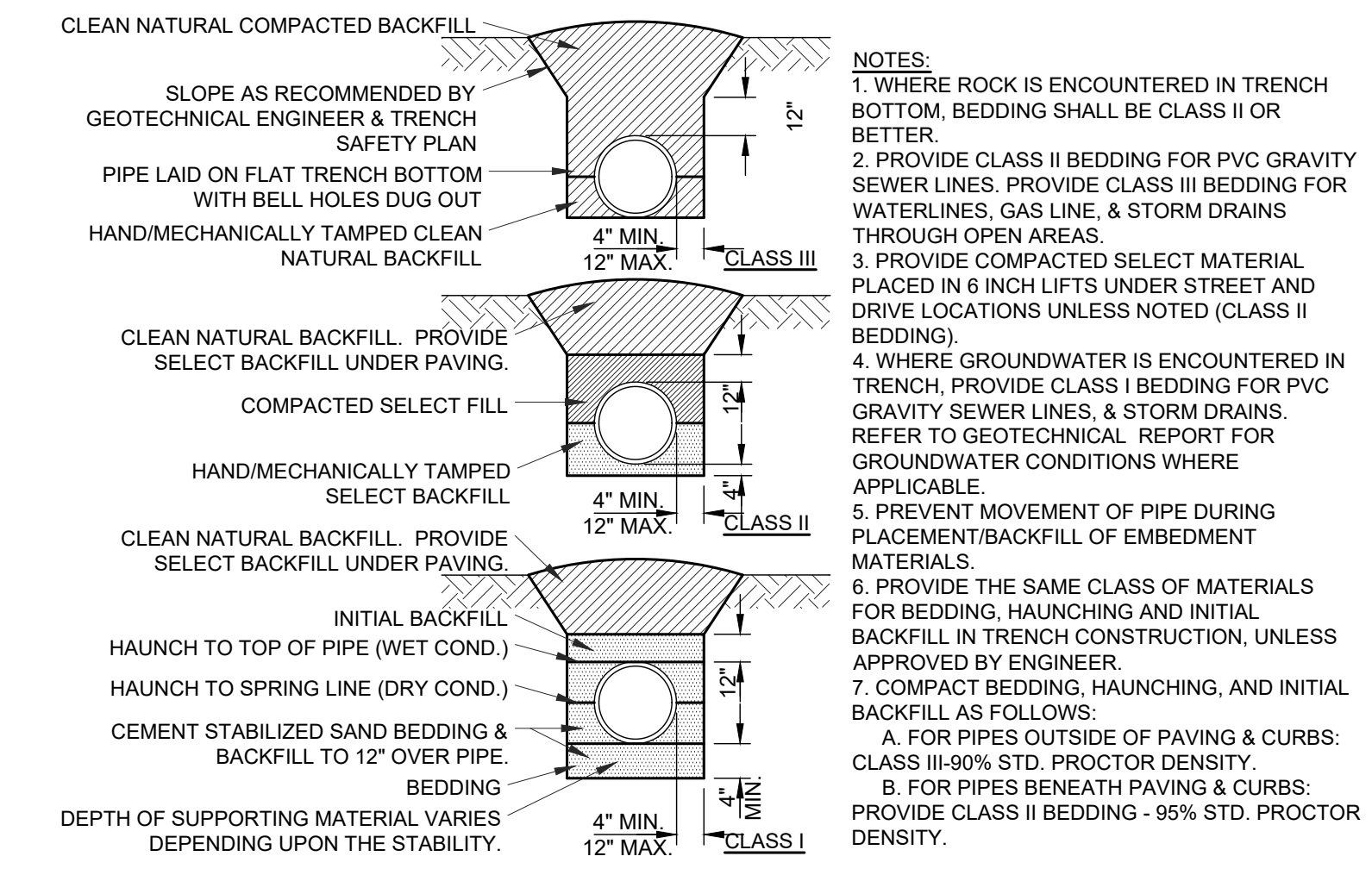
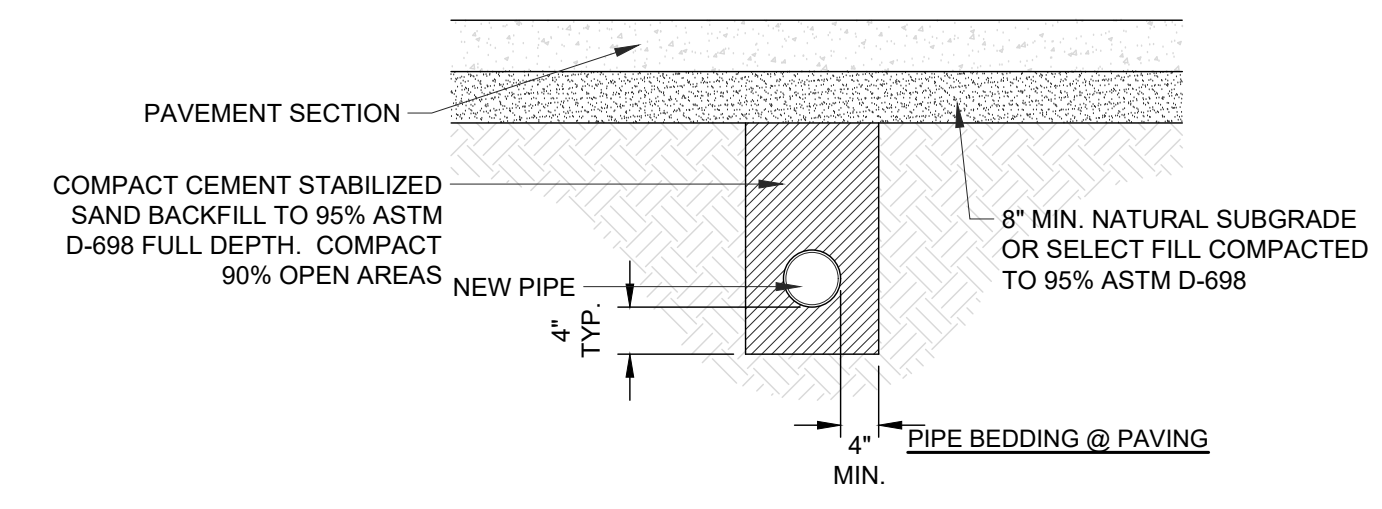
Water-Sewer Clearance

N.T.S. 3



Sewer Cleanout

N.T.S. 2



Pipe Bedding

N.T.S. 1

NO.	DATE	REVISIONS
1		
2		
3		
4		

DRAWN BY: HJ
 APP'D BY: JIR
 ISSUED: ###
 TBPE FIRM REGISTRATION: #413
 TBPLS FIRM REGISTRATION: #1010900
 TBPLS FIRM REGISTRATION: #1011020
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GLS
GOODWIN-LASTER-STRONG
 ENGINEERING - ARCHITECTURE - SURVEYING
 1809 S. CHESTNUT ST. STE. 1000 LUBBOCK, TEXAS 79401
 4027 FICE RD. STE. 1000 LUBBOCK, TEXAS 79411
 1809 S. CHESTNUT ST. STE. 1000 LUBBOCK, TEXAS 79401
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STATE OF TEXAS
 JOHN RUSK
 LICENSED PROFESSIONAL ENGINEER
 87884
 02/27/2025

New Metal Building
RW Clarks
Bryan, Texas
Civil Details

JOB NUMBER
 200151

SHEET NO.

C5.0