

1. The contractor shall promptly notify the engineer of any discrepancies between these plans and other drawings of differing disciplines & specifications.

19. The contractor must provide construction staking from the information provided on the plans.

1. All excavation for underground utilities shall be made true to grade. Excavation shall be made a minimum of six inches below the required grade and provide a sand bed for the piping. Backfill over piping shall be made with earth or fill sand free of debris and shall be compacted to meet the same compaction and density as the undisturbed earth. All trenching and excavation shall be done in strict accordance with current OSHA requirements and all other applicable safety codes and standards.

- Private Utility Notes:

1. All domestic water line pipe shall be constructed out of PVC (Sch 40). Public or fire water line pipe shall be constructed out of C900-DR14 and public services shall be copper.

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- (Storm Sewer Notes (Private)):
1. All 15 inch to 42 inch storm sewer pipe, shall be constructed out of reinforced concrete pipe (RCP), C443 ASTM C76, Class III except as noted.
 2. All 6 inch to 12 inch storm sewer pipe, except as noted, shall be HDPE. SDR-35, ASTM D-3034, PVC pipe may be used in place of HDPE pipe.
 3. Contractor shall provide a minimum of 12 inch clearance at storm sewer and water line crossings and a minimum of 6 inch clearance at storm sewer and sanitary sewer crossings.
 4. Unless otherwise specified, the contractor shall install all storm sewer pipe in accordance with the trench detail contained in these construction drawings.

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1. Demolition of existing structures and improvements shall include all work contained on these plans, but shall not be limited to the items specially identified. Any materials to be demolished or cleared shall be completely removed and disposed of. This work will not only consist of above ground items, but underground elements as well, including but not limited to: tree roots, foundation systems, old pipes, etc. The contractor shall notify the engineer of any additional items that require demolition, not identified on these plans, prior to removal.

2. It shall be the responsibility of the contractor to stage and sequence all demolition work with utility companies to provide minimal interruption and inconvenience of utility services.
3. Demolished surplus material shall be legally disposed of off-site.
4. All pavement edges, bounding the construction area & matching with new construction, shall be neatly sw cut, unless gravel. Flexible pavement shall be saw cut a minimum of 24" beyond any proposed structures.
5. The contractor shall clear all right-of-ways and easements contained in these construction drawings.
6. The contractor shall field verify and locate all existing utilities on site prior to demolition.
7. The contractor shall perform demolition activities as noted and shown on these plans and as directed by the owner/ developer.
8. It shall be the responsibility of the contractor to obtain any permits and pay any fees required for demolition and disposal from the appropriate authorities.
9. The contractor shall install all erosion and sediment control devices prior to commencing demolition work.
10. The contractor is responsible for the protection of all utilities that are to remain in place.
11. The contractor shall take all precautions to avoid damage to any existing road surface.
12. All existing items that are to remain in place which are damaged during construction shall be restored to original condition, or better, at the sole expense of the contractor.
13. Should any existing utilities not shown or shown incorrectly on this plan be found on site, the contractor shall contact the engineer immediately to discuss any possible conflicts before proceeding with any work in that area.
14. An asbestos survey must be performed prior to the demolishing of any structures. The contractor shall adhere to the requirements set forth in the asbestos survey and report.

1. The contractor may obtain an electronic copy of these plans for construction purposes. The electronic file and information generated, by J4 Engineering (J4E), for this project is considered by J4E to be confidential. When issued, it's use is intended solely for the individual or entity to which it is addressed. The material is intended for use by that individual or entity and is not to be disseminated, in any form, or by any means, without the prior written permission of J4E. The recipient understands that this data is authorized "as is" without any warranty as to its performance, accuracy, freedom from error, or as to any results generated throughout its use. The recipient also understands and agrees that J4E, upon release of such data, is not responsible for their use or modification. The user and recipient of the electronic data accepts full responsibility and liability for any consequences arising out of their use.

2. All dimensions shown are to be used in conjunction with these plans for locating all improvements and shall be field verified by the contractor for workability prior to construction of improvements.
3. Unless otherwise shown, all dimensioning is to the back of curb or edge of pavement, which ever is applicable.

1. All unpaved areas shall be adequately graded to drain at a minimum of 1.00% slope, unless otherwise noted, so that no ponding occurs.

2. Unless otherwise specified, unpaved areas shall drain away from buildings so that the perimeter curb is a minimum 6" lower than the finished floor.
3. Finish grade adjacent to curbing or sidewalk shall be 1/2" below the top of concrete and 2" below in landscaping areas.
4. When top of curb elevations are shown, the curb height is 6" unless otherwise specified.
5. The contractor shall follow the general intent of the grading plans. Minor adjustments to the actual elevations shown on the grading plan may be required to match existing ground elevations and structures.
6. Adequate drainage shall be maintained at all times during construction and any drainage ditch or structure disturbed during construction shall be restored to existing conditions or better.
7. The approval of these plans is not an authorization to grade adjacent properties. When field conditions warrant off-site grading, permission must be obtained from the affected property owner(s). Any adjacent property and right-of-way disturbed during construction will be returned to there existing conditions or better.

1. Erosion control measures shown in these plans shall be considered the very minimum required. It shall be the responsibility of the contractor to implement all other erosion control measures (diversion berms, drainage structures, swales, additional fencing, etc...) necessary to keep the existing improvements and developments from damage of any kind, during all phases of demolition and construction.

2. The site operator, or his representative established by a letter of delegation, shall make a visual inspection of all siltation controls and newly stabilized areas on a daily basis, especially after a rainfall to insure that all controls are maintained and properly functioning. Any damaged controls shall be repaired or replaced prior to the end of the work day, including re-seeding and mulching or re-sodding, if necessary.
3. All sediment trapping devices shall be installed as soon as practical after the area has been disturbed. All sediment trapping devices shall be cleaned when sediment level exceeds the design capacity. Sediment shall be disposed of by spreading on site or hauling away if not suitable for fill.
4. During construction, contractor shall maintain best management practice (bmp). Sediment controls may be bale barriers, or other devices shall control all storm water leaving the site.

5. The contractor shall be responsible for establishing temporary erosion control measures as required for different phases of construction. Erosion control measures shown may need to be adjusted to handle increased or concentrated flows created by various stages of construction.
6. Phase II erosion control measure measures shall be implemented immediately after construction of their associated improvements. Inlet protection barriers shall be constructed with hay bales or silt fencing. Inlets located in pavements areas shall be protected with sand bags, replacing the hay bales or silt fencing once the pavement is in place. Erosion control measures shall be kept in place until upstream drainage areas are fully stabilized.
7. The contractor is responsible for removing sediment control devices after the site has been seeded and/ or sodded, and ground cover has taken root.
8. The contractor shall take all necessary measures to ensure that all disturbed areas are stabilized. Designated areas shall be block sodded and all other areas disturbed due to construction shall be hydro-mulched seeded. These stabilized areas shall be sodded or seeded, fertilized, and watered to establish a solid ground cover within 30 days of completion or if activities cease for 14 days.
9. When hydro-mulching is required, contractor shall keep mulch moist after installation and until area shows growth.
10. Erosion control measures shall be implemented prior to any excavation or demolition work.

1. Sidewalks shall be doweled into and tie to any concrete structure adjacent to sidewalk (driveway, inlet box, curb) #4 x 12" bars @ 18" O.C.

2. ADA ramps shall be constructed per the ambulatory ramp details on the pavement plan shown in these plans. All ramps shall have a detectable warning surface for the full length of the ramp.

1. The pavement system shown was designed without the aid of a geotechnical investigation. Due to the plastic soils within this area, some differential movement may still occur due to seasonal soil moisture variations.

- 2. Sub-grade**
- a. Existing trees, stumps, and large tree systems, shall be grubbed and removed. Vegetation shall be removed and the top 6 inches of top soil and sub-grade stripped from the areas to be covered by the proposed improvements.
 - b. Paving areas shall be proof-rolled with a 20 ton roller and, if required at the time of construction, the contractor shall stabilize weak areas by over excavation and backfilling.
 - c. Materials excavated on site, excluding the top 6 inches, may be used as fill material, under pavement areas only, if the material is free from trash, lumps, clods, organic substance, & other foreign matter.
 - d. Fill material shall be placed in eight inch maximum loose lifts, with each lift wetted or dried to a moisture content range of 0% to +3% of the optimum moisture content and compacted to a uniform density of 95% of the maximum dry density as determined by ASTM D698.
 - e. Compaction test, for fill, shall be verified by in-place density test for each lift. One in-place density test shall be performed for every 4,000 SF with a minimum of 3 tests being performed, per lift.
- 3. Asphalt**
- a. All asphalt paving shall be hot-mix asphalt cement (HMAC), Type D P64-22, in accordance with TxDOT Item #340.
 - b. No more than 20% RAP shall be used with HMAC mix design.
 - c. Limestone base shall be prime coating with RC-250, MC-30, CRS-1P/2P, or approved equal in accordance with TxDOT Item #300 and Item #310.

a. All concrete, unless otherwise specified, shall have a minimum compressive strength of 3,500 psi at 28 days for pavement and 3,000 psi at 28days for non-pavement applications (ie. sidewalks, drainage flumes, and containment structures).

- b. All concrete shall be vibrated when placed and not raked a distance greater than 10 feet.
- c. Unless otherwise noted, joint spacing shall not exceed 15 feet in any direction to another joint or edge of pavement. Control joints shall be cut between 4 and 18 hours after placement of concrete and may be substituted with construction joints if provided, the contractor shall follow the general intent of the joint plans shown.
- d. Expansion joints shall not exceed a maximum spacing of 45 feet and should not be placed through the middle of area inlets or junction boxes located in the pavement. All area inlets or junction boxes, located in pavement area, shall be installed with isolation joints between the structure and the pavement.
- e. All joints shall be sealed with Sonoborn Sonolastic SL-1, or an approved equal.
- f. Concrete shall not be placed if the air temperature is 50° F and falling or 95° F or higher. Concrete may be placed if the air temperature is 40° F and rising or less than 95° F.

- a. All reinforcing steel shall be deformed billed steel bar having a minimum yield strength of not less than 60 KSI conforming to ASTM A615, Grade 60.
- b. All reinforcing steel shall be free from rust or other bond reducing agents.
- c. All splices in pavement and curbing steel shall be staggered and lapped 30 inches times the bar diameter or 12 inches, whichever is greater.
- d. Concrete coverage for the reinforcing steel shall comply with the ACI code, latest edition. The steel shall have a minimum 1 ½ inch clearance.

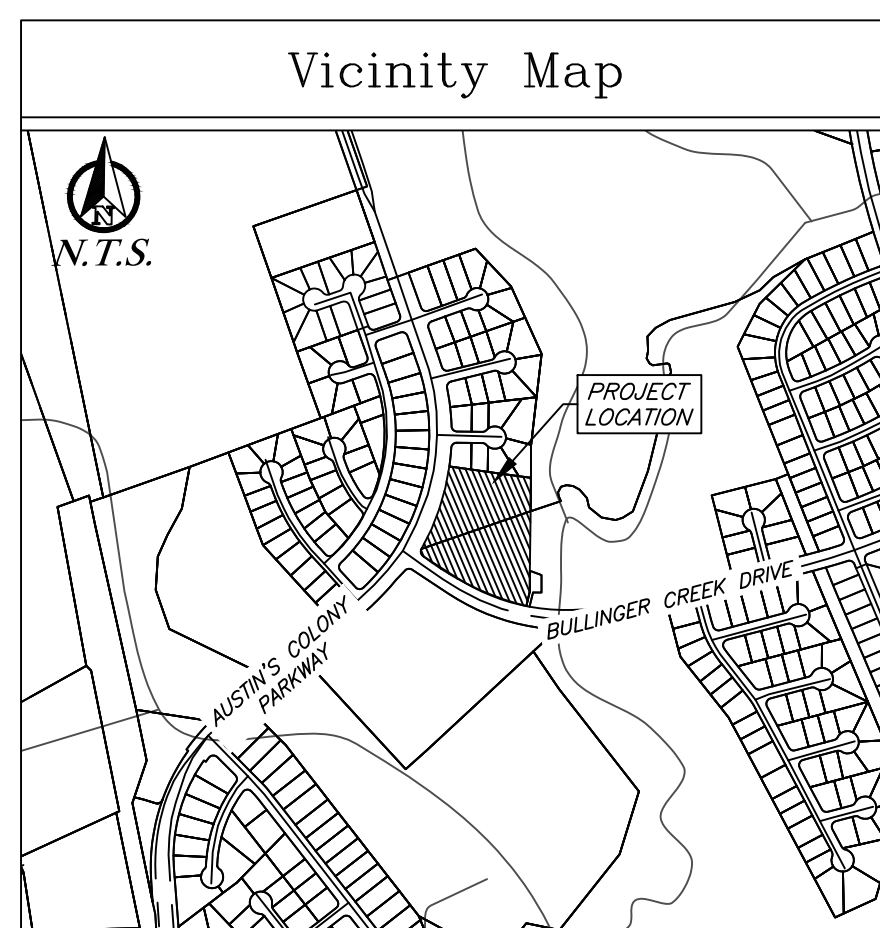
1. At all underground gas utility crossings, the contractor shall give the appropriate utility company a minimum of 72 hours notice so that their field representative may be present.

2. Eighteen (18) inch clearance shall be maintained between the proposed utility and the existing underground gas line. This clearance shall be measured from outside of pipe to outside of pipe, or sleeving, whichever is more conservative.
3. For excavation near the underground gas line(s), the contractor shall cover, or remove, the bucket teeth of the excavator. The final thirty-six (36) inches surrounding the gas line shall be excavated by hand digging.

1. Contractor shall provide and install traffic control devices in conformance with part VI of the Texas Manual on Uniform Traffic Control Devices (Texas MUTCD, most recent edition with revisions) during construction.

2. Lane closure will not be allowed unless approved by the TxDOT or COB representative, as applicable.
3. The work shall be completed such that the roadway will be fully opened to traffic overnight. Overnight lane closures will not be permitted, unless otherwise approved by the applicable engineer.
4. Plastic drums shall be used for overnight delineation of off roadway work areas.

	Sign		Power Pole
Abbreviations			
TP	Top of Pavement	W/	With
TC	Top of Curb	W/OUT	With Out
TG	Top of Ground	S.E.T.	Sloped End Treatment
TW	Top of Walk	BM	Bench Mark
TI	Top of Inlet	TBM	Temporary Bench Mark
TR	Top of Wall	SY	Square Yard
FL	Flow Line	LF	Linear Foot
TS	Top of Step	CO	Clean Out
Min	Minimum	O.C.	On Center
Max	Maximum	O.C.E.W.	On Center Each Way
N.T.S.	Not to Scale	PSI	Pounds per Square Inch
PI	Point of Inflection	PVC	Polyvinyl Chloride
PT	Point of Tangency	RCP	Reinforced Concrete Pipe
PC	Point of Curvature	PVMT	Pavement
Sch	Schedule	H	Horizontal
R.O.W.	Right of Way	V	Vertical

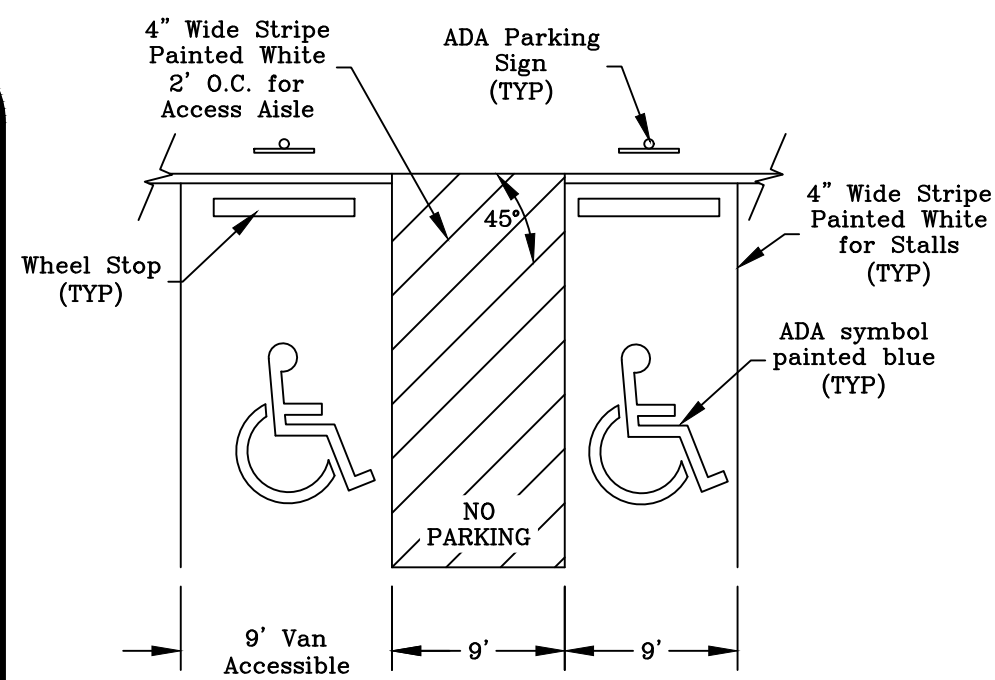


NOTICE!

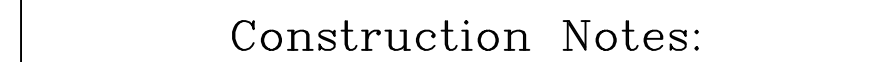
The contractor is specifically cautioned that the location and/or elevation of the existing utilities as shown on these plans is based on records of the various utility companies and, where possible, measurements taken in the field. This information is not to be relied upon as being exact or complete. It is the contractor's responsibility to avoid all existing utilities and repair any damaged lines, at his own cost, whether the utility is shown on these plans or not. The contractor shall notify the appropriate utility company 48 hours prior to any excavation.

Contact Information:

Texas One Call:	800-245-4545
Lone Star One Call:	800-669-8344
Texas Excavation Safety:	800-344-8377
City of Bryan System (Digtees)	979-209-5900
Bryan Texas Utilities	979-821-5865
Almos Energy	979-774-2506
Frontier	979-821-4300
Suddenlink	979-846-2229



ADA Pavement Markings
N.T.S



1. All concrete to be constructed with 3,500 psi (Min) - 28 day strength portland cement concrete.
2. All items to be removed during clearing and grubbing. Remove not only the above ground elements, but all underground elements as well. All excavated material shall become the property of the contractor unless otherwise directed by the Owner. All debris must be disposed of off site.
3. Prior to grading operations, contractor is to strip the first 6" of soil. Contractor shall proof roll the entire site and remove any unstable materials according to TxDOT Specifications. Select fill is to be used in replacing objectionable material.
4. Assure positive drainage across project site to the storm water structures.
5. Normal Domestic Wastewater is anticipated to be discharged from this development.
6. Potable Water Protection - All devices, appliances, appliances, and apparatus intended to serve some special function and that connects to the water supply system, shall be provided with protection against backflow and contamination of the water supply system. As noted in Texas Administrative code 30 TAC 290.47 - Appendix F.
7. Irrigation System - Potable water supply must be protected by either an atmospheric or pressure vacuum breaker, or testable double check valve assembly, and installed per City Ordinance.
8. Each utility contractor is responsible for positioning and trenching of service lines. Mark all lines with utility tape. Utility contractors are responsible for coordinating with paving contractor in placement and installation of any necessary utility conduit prior to subgrade preparation. Lines requiring slope control are to be installed first. All other lines not requiring slope control or elevation control are to be installed deep last. Each contractor is responsible for knowing final determination of installation order.
9. Materials and methods for pavement markings shall conform to TxDOT Standard Specifications for Construction of Highways, Streets, and Bridges (current edition), with the following exceptions: 1) Type II marking materials need not be purchased from the Department, and 2) Glass beads may be omitted, but marking material shall be Type II paint-type material.
10. The Contractor shall be responsible for the containment and proper disposal of all liquid and solid waste associated with this project. The Contractor shall use all means necessary to prevent the occurrence of windblown litter from the project site.
11. Demolition/Construction Waste - Site is required to provide containment for waste prior to and during demolition/construction. Solid waste roll off boxes and/or metal dumpsters shall be supplied by City to permitted contractor(s) only.
12. Contractor is responsible for field verifying existing and proposed grades prior to any construction and reporting any inconsistencies to the Owner.

Solid Waste Notes:

1. Before enclosure construction/modification begins contact Solid Waste, at (979)209-5900 for an on-site review.
2. If any changes are made to the enclosure plan during the construction phase please contact Solid Waste to review modifications.
3. Dumpster containment areas shall use 8" concrete, reinforced with #5 bars at 12" OCWE and the pad shall extend an additional 10' in front of the containment area.
4. The dumpster containment area shall be surrounded on three sides with a screen constructed to a height of six feet.
5. An all-weather access route (i.e. parking lot, loading docks, private roads, alleys, etc.) capable of supporting the container and the collection truck must be constructed and will be maintained and repaired at the business owner's expense.
6. The pad, screening and doors will be constructed and maintained at the property owner's expense

Site Specific Notes:

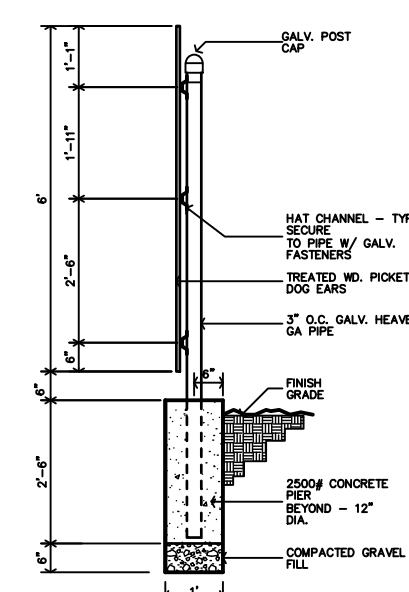
1. The owner of the property is Providence Church, 501 Industrial Blvd., Bryan, Texas 77802. The subject property is Providence Church, Block 1, Lot 1, Bryan, Brazos County, Texas.
2. The proposed single story building are Type IIIb 10,484 SF without sprinklers, FF=305.13' and Height=29'-6".
3. The subject property is zoned Agricultural-Open District (A-O).
4. All signage to be permitted separately.
5. Planned use of the site is an Assembly (A-3) occupancy – Church.
6. Fire flow demand is 2,250 gpm, based on the largest building, and can be split between the existing hydrant adjacent to the property and a proposed hydrant onsite which will provide the fire flow for this project.
7. A portion of this tract does lie within a designated 100-yr floodplain according to the FIRM Map, Panel No. 4804C0215P, Revised Date, April 5, 2014. The minimum finished floor elevation for Lot 1 shall be 305.13', which is 1' above the base flood elevation.
8. All minimum building setbacks shall be in accordance with City of Bryan Ordinances.
9. Owner shall be responsible for the operation, repair and maintenance of the private stormwater infrastructure facilities.

Utility Notes:

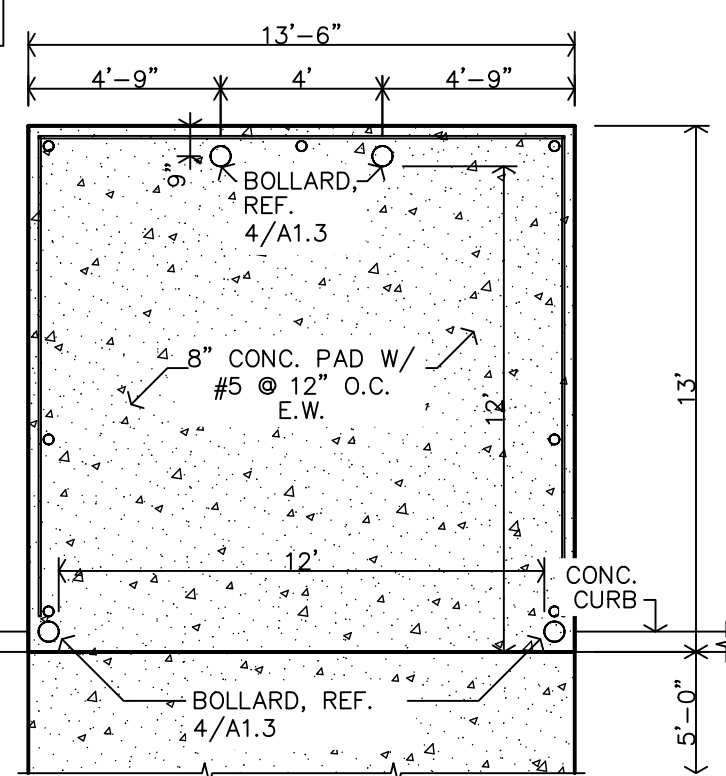
1. Private water line and private sanitary sewer line construction shall be in accordance with the plumbing code. Cleanouts shall be installed per plumbing code.
2. Private water and sewer line service materials to be in accordance with plumbing code.
3. Contractor shall coordinate conduit and/or line installation for telecommunication providers for the site.
4. Depth of the existing water and sewer lines to be verified by the contractor.
5. Where electric facilities are installed, BTU has the right to install, operate, relocate, construct, reconstruct, add to, maintain, inspect, patrol, enlarge, repair, remove, and replace said facilities upon, over, under, and across the property included in the PUE, and the right of ingress and egress on the property adjacent to the PUE to access electric facilities.

Fire Lane Striping:

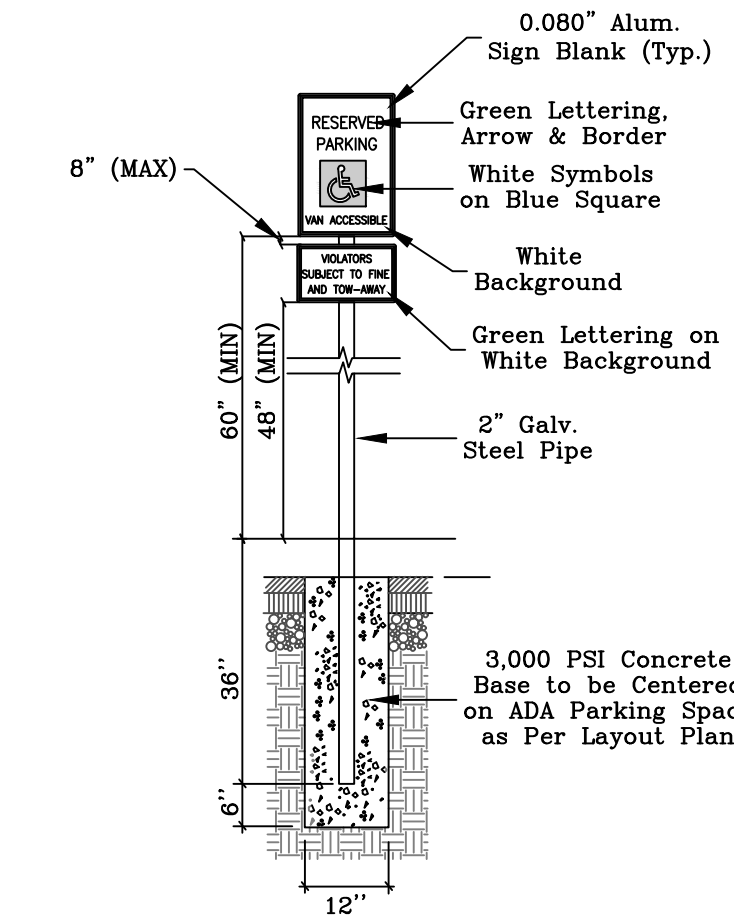
1. All curbs and curb ends shall be painted red with 4" white lettering stating "FIRE LANE-NO PARKING-TOW AWAY ZONE". The phrases should be spaced 15' apart continuously. Fire Lane line work shown on this Site Plan is used to delineate the location of the fire lane for permitting purposes and is not intended to show required painted Fire Lane Stripping.
- FIRE LANE ■ NO PARKING ■ TOW AWAY ZONE ■
- Note: Fire lane shall not be painted on Flat work/surface with use of Fire Lane Signage.



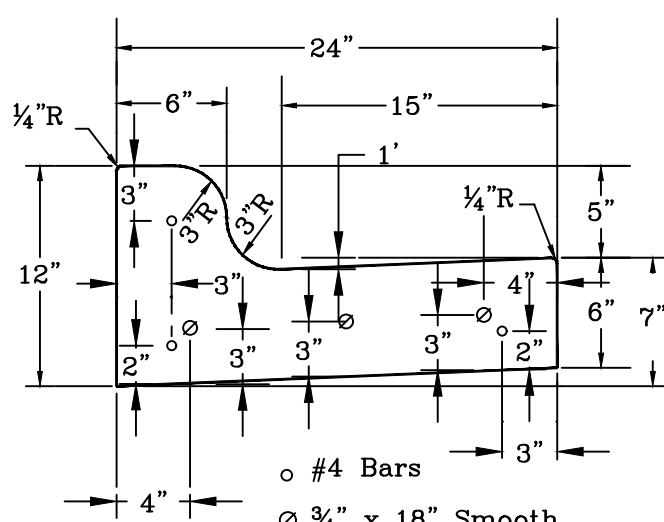
Metal Fence Post
N.T.S.



Dumpster Enclosure
N.T.S.



ADA Parking Sign
N.T.S.



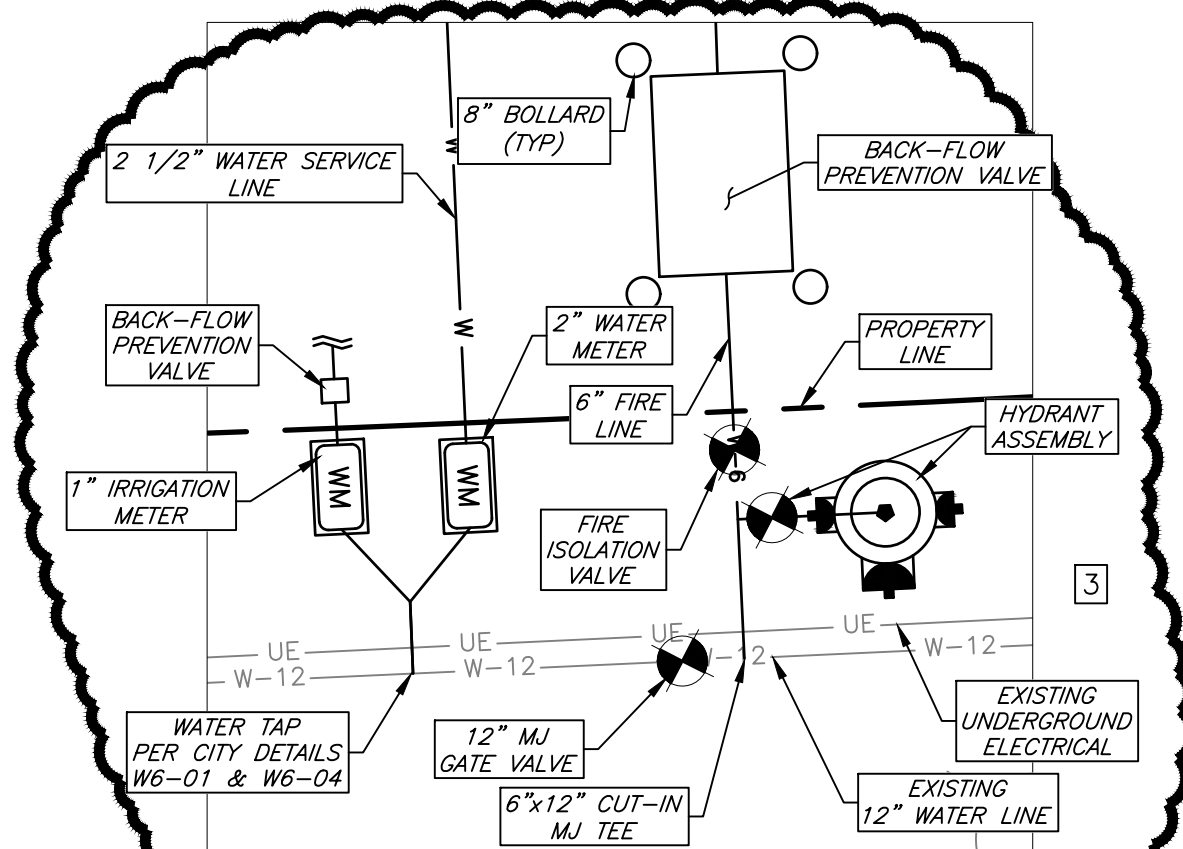
Driveway Raised Curb Detail
N.T.S



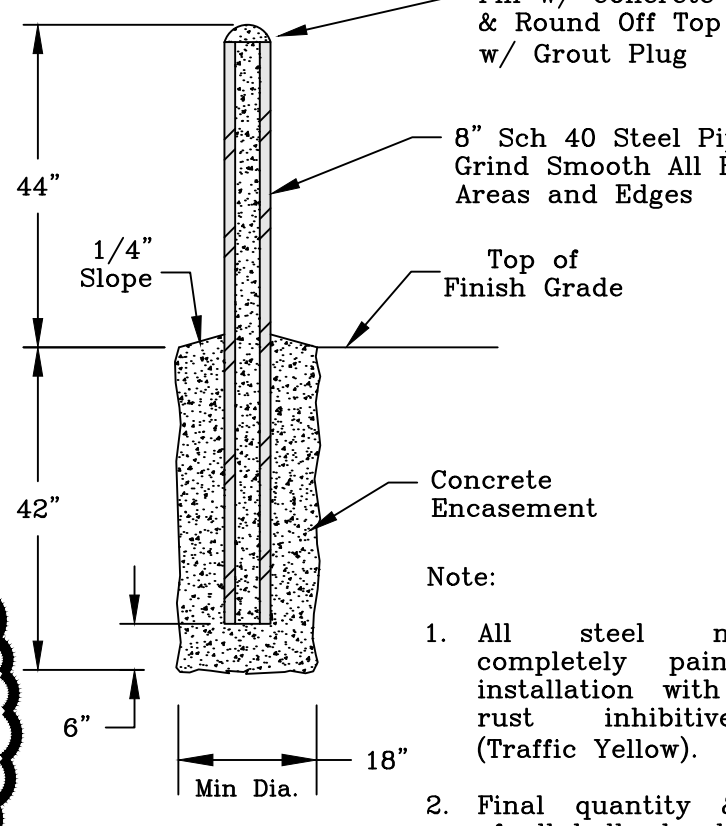
Notes:

1. The sign shall be 12" wide by 18" in height stating "FIRE LANE DESIGNATED PARKING ONLY" with a companion sign 12" wide and 6" in height stating "TOW AWAY ZONE" and be mounted in the location shown.
2. Sign shall be painted on white background with symbols, letters, and border in red.
3. Sign shall comply with City of Bryan Ordinance 42-6.

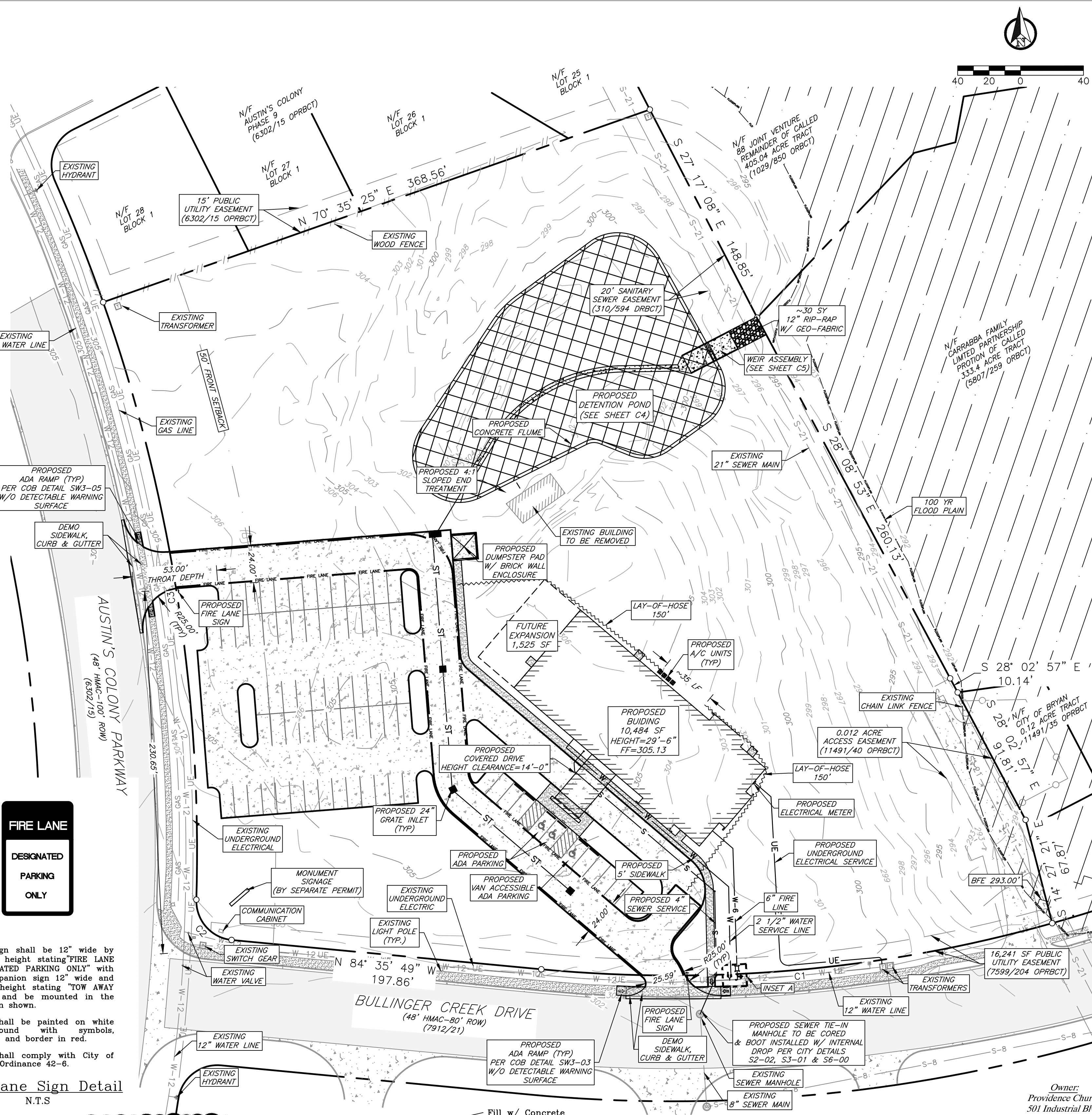
Fire Lane Sign Detail



Inset A
N.T.S



Typical Bollard Detail
N.T.S



CURVE TABLE						
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH	TANGENT
C1	328.00'	890.00'	21° 06' 58"	S 84° 50' 42" W	326.15'	165.88'
C2	37.44'	25.00'	85° 47' 49"	N 41° 05' 29" W	34.04'	23.23'
C3	386.66'	1049.99'	21° 05' 46"	N 8° 52' 01" W	384.48'	195.54'

- Note:
1. All steel must be completely painted after installation with zinc-rich rust inhibitive paint. (Traffic Yellow).
 2. Final quantity & location of all bollards shall be per plans.

Owner:
Providence Church
501 Industrial Blvd.
Bryan, TX 77803

Surveyor:
Kerr Surveying, LLC
1718 Briarcrest Drive
Bryan, TX 77802
979-268-3195
TBPLES #1001850
Project #25-1052

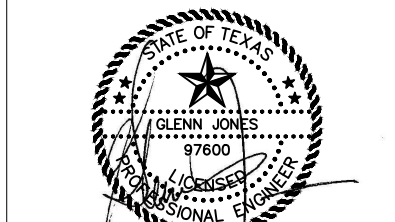
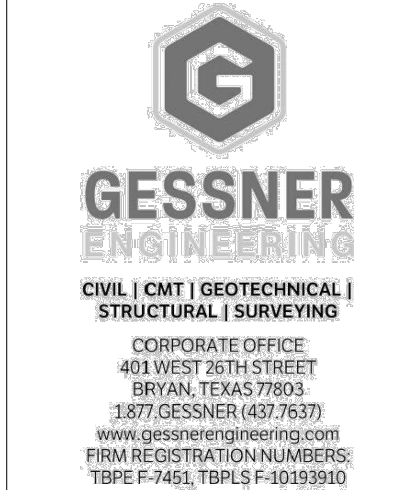
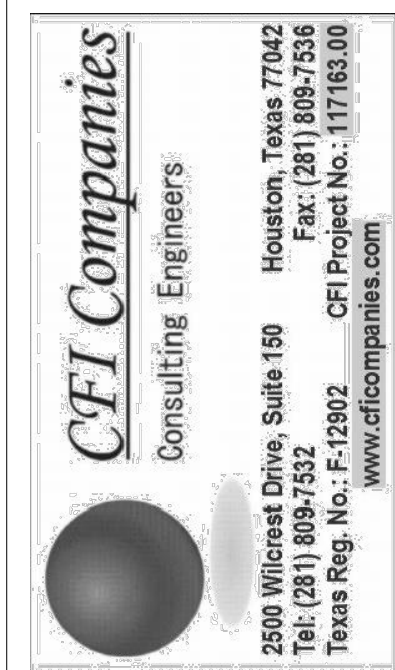
No:	Date:	Issue Notes:
1	15Jun26	Water Meter/Utility Lines
2	17Jun26	Water Meter/Utility Services
3	3Aug26	BFV & Bollards

Drawn By:	
Checked By:	
Patterson Project No.:	250
Building Inventory No.:	
Plot Date:	
CAD File:	
Project No.:	
Sheet Title	

SITE PLAN

Sheet No.

C2
of



The seal on this document was authorized by Glenn Jones #9760 on this date, May 26, 2026. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

URCH
BRYAN, TEXAS

NEW
PROVIDENCE C
5.137 Acres
2610 AUSTINS COLONY PARKWAY

Nature of Construction Activity:
Pavement, drainage, and utility improvements for a site development. Potential pollutants and sources – Sediment from excavations and equipment movements around the site.

1. Install silt fencing.
2. Install stabilized construction exit.
3. Clear and grub.
4. Install utilities and storm culverts.

6. Complete grading and install permanent seeding.
7. When all construction activity is completed the site is stabilized. Remove silt fence and re-seed any area disturbed during construction and assure a healthy ground cover.

During the construction of the pavement, drainage, and utility improvements the area that will be disturbed includes the street right-of-ways and the water and sanitary sewer connections to existing lines.

Temporary Stabilization ~ areas where construction activity temporarily ceases for at least 21 days will be stabilized with temporary seed no later than 14 days from the last construction activity in that area all proposed fill material will be seeded.

Silt fence and/or hay bales will be installed at all outfalls, areas where water runs off the site; inlets under construction will have silt fencing or hay bales placed around the perimeter of the inlet all constructed inlets will have sandbags placed in front of the throat to collect sediment but allow flow of water into the inlet.

Storm water drainage will be controlled by drainage ditches and a detention pond for the developed area. All areas affected by construction will be fine graded and have permanent seeding. The remainder of the area will remain in its natural state.

A stabilized construction entrance will be provided to help reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept to remove any excess mud, dirt, or rock tracked from the site. Dump trucks hauling material from the construction site will be covered with a tarpaulin.

This storm water pollution prevention plan reflects the city's requirements for storm water management, erosion, and sediment control. To ensure compliance, this plan was prepared in accordance with the cities drainage policy. There are no other applicable state or federal requirements for sediment and erosion site plans (or permits) or storm water management site plans (or permits).

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls:

- All control measures will be inspected at least once every 14 days and following any storm event of 0.5 inches or greater.
- All measures will be maintained in good working order; if a repair is necessary it will be initiated within 24 hours of the report.
- Built up sediment will be removed from silt fence when it has reached one-half the height of the fence.
- Silt fence will be inspected for signs of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
- A maintenance inspection report will be made after each inspection. The inspection report form will be prepared by the site superintendent and filed for record.
- A site superintendent will be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report.

It is expected that the following non-storm water discharges will occur from the site during the construction period

- Water from water line flushing

Project name and location:
Providence Church
Bryan, Brazos County, Texas

Owner and Developer:
Providence Church
501 Industrial Blvd.
Bryan, Texas 77802

The site is not located on Indian lands

Latitude: 30° 41' 0.42" N
Longitude: 96° 19' 7.16" W

MS4 operator name: City of Bryan, Texas

Receiving water body: Carters Creek
Estimated area to be disturbed: 2.24 acres

The storm water pollution prevention plan shall be in compliance with state and local sediment and erosion plans.

The operator shall submit a NOI to TCEQ and a copy to the operator and post a copy at the construction site in a location where it is readily available for viewing prior to commencing construction activities, and maintain the notice in that location until completion of the construction activity.

The operator shall provide a copy of the NOI to the operator of the municipal separate storm sewer system receiving the discharge, at least two (2) days prior to commencing construction activities.

The operator shall submit a NOT to TCEQ and a copy to the operator of the municipal storm sewer system once the final stabilization has been achieved and the temporary erosion controls have been removed.

Controls must be developed to limit, to the extent practicable, offsite transport of litter, construction debris and construction materials.

The following records must be maintained and either attached to or referenced in the storm water plan:

- The dates when major grading activities occur.
- The dates when construction activities temporarily or permanently cease on a portion of the site
- The dates when stabilization measures are initiated.

A report summarizing the scope of the inspection, names and qualifications of personnel making the inspection, the dates of the inspection, and major observations must be made and retained with the storm water plan. Major observations should include:

- The locations of discharges of sediment or other pollutants from the site;
- Locations of BMP's that failed to operate as designed or proved inadequate for a particular location; and
- Locations where additional BMP's are needed.

Operator's Record Keeping:
The permittee must retain the following records for a minimum of 3 years from the date that a NOT is submitted:

- A copy of the storm water plan and
- All reports and actions required by this permit, including a copy of the construction site notice all data used to complete the NOI.



CFI Companies
Consulting Engineers

2500 Wilcrest Drive, Suite 150
Houston, Texas 77042
Tel: (281) 808-7532 Fax: (281) 808-7536
Texas Reg. No. F-12802 CFI Project No.: 117/63.00
www.cficompanies.com



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BRYAN, TEXAS 77803
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www.gessnerengineering.com
FIRM REGISTRATION NUMBERS:
TBPE F-7451, TBPLS F-10193910



The seal on this document was authorized by Glenn Jones, #97600 on this date, May 26, 2026. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

NEW
PROVIDENCE CHURCH
5.137 Acres
2610 AUSTINS COLONY PARKWAY
BRYAN, TEXAS

No.	Date:	Issue Notes:
Drawn By:		
Checked By:		
Patterson Project No.:		2505
Building Inventory No.:		
Plot Date:		
CAD File:		
Project No.:		
Sheet Title		
EROSION & SEDIMENTATION CONTROL PLAN		
Sheet No.		
C3 of		

Paving Notes:

1. All excavation, embankment, and pavement shall be in accordance with the Report of Geotechnical Study for Proposed Providence Church Austin's Colony Parkway at Bullinger Creek Road Bryan, Texas", dated May 13, 2025, prepared by CME Testing and Engineering, Inc. 2. All concrete for pavement construction shall be to the minimum depth shown on the plans and shall have a minimum 28-day compressive strength of 3,500 PSI. The maximum percentage of fly ash replacement of Portland cement shall be 20 percent by weight. 3. The subgrade beneath the concrete sidewalks shall be compacted and "proof-rolled", any weak or soft areas identified by the "proof-rolling" shall be removed and replaced. 4. A sand leveling course under concrete pavement is NOT permitted. 5. Joint sealant material to be Sonneborn SL-1 or approved equal. 6. Curing compound shall be applied uniformly to the concrete after the surface finishing is complete at the rate recommended by the manufacturer. The curing compound shall meet the requirements of TxDOT Item 526. 7. Contractor shall provide engineer with a proposed pavement expansion and contraction joint plan prior to pavement construction. 8. See Sheet C1-General Notes.
--

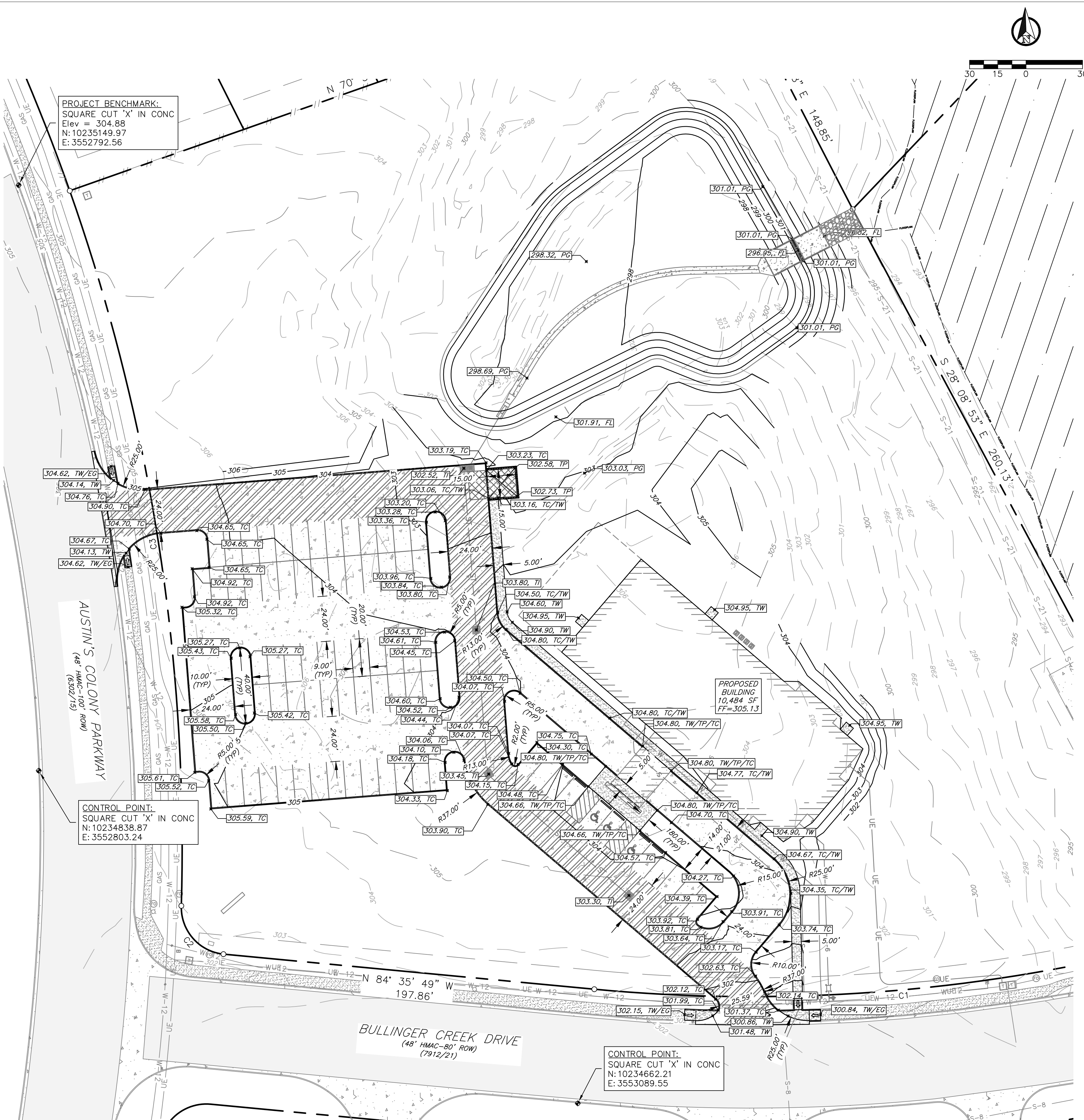
1. All excavation, embankment, and pavement shall be in accordance with the "Report of Geotechnical Study for Proposed Providence Church Austin's Colony Parkway at Bullinger Creek Road Bryan, Texas," dated May 13, 2025, prepared by CME Testing and Engineering, Inc.
2. All concrete for pavement construction shall be to the minimum depth shown on the plans and shall have a minimum 28-day compressive strength of 3,500 PSI. The maximum percentage of fly ash replacement of Portland cement shall be 20 percent by weight.
3. The subgrade beneath the concrete sidewalks shall be compacted and "proof-rolled," any weak or soft areas identified by the "proof-rolling" shall be removed and replaced.
4. A sand leveling course under concrete pavement is NOT permitted.
5. Joint sealant material to be Sonneborn SL-1 or approved equal.
6. Curing compound should be applied uniformly to the concrete after the surface finishing is complete at the rate recommended by the manufacturer. The curing compound shall meet the requirements of TxDOT Item 526.
7. Contractor shall provide engineer with a proposed pavement expansion and contraction joint plan prior to pavement construction.
8. See Sheet C1-General Notes.

Grading Notes:

1. Fill material used to achieve grade in areas to receive pavement within the street right-of-way shall be compacted to at least 98% of the maximum dry density as determined by the standard proctor test, (ASTM D698), at a moisture content from optimum moisture content to 4% above the optimum moisture content. Areas outside of the street right-of-way shall be compacted to 95% of the maximum dry density.
2. The subgrade beneath the concrete sidewalks and pavement shall be compacted and "proof-rolled". Any weak or soft areas identified by the "proof-rolling" shall be removed and replaced.
3. ADA ramp slopes shall not exceed 1v:12h.
4. The topography shown is from field survey data.
5. Structural backfill for utility or storm drain trenches is required whenever the trench is within 5' of pavement or sidewalk.
6. The contractor shall follow the general intent of the grading plans. minor adjustments to the actual elevations shown on the grading plan may be required to match existing ground elevations and structures. the proposed contour lines shown are approximate only, the design grade spot elevations should be used for construction of the site work.
7. Refer to pavement plan for pavement construction details and notes.
8. The contractor shall salvage all topsoil and replace it on all disturbed areas. The parking lot island and areas adjacent to parking and sidewalk areas shall receive 6" sandy loam topsoil prior to placement of grass sod or hydromulch.
9. The contractor shall field verify and locate all existing utilities on site prior to demolition.
10. The contractor shall install all erosion and sediment control devices as shown, prior to commencing demolition work.
11. Should any existing utilities not shown or shown incorrectly on this plan be found on site, the contractor shall contact the design engineer immediately to discuss any possible conflicts before proceeding with any work in that area.

1. Fill material used to achieve grade in areas to receive pavement or within the street right-of-way shall be compacted to at least 98% of the maximum dry density as determined by the standard proctor test, (ASTM D698), at a moisture content from optimum moisture content to 4% above the optimum moisture content. Areas outside of the street right-of-way shall be compacted to 95% of the maximum dry density.
2. The subgrade beneath the concrete sidewalks and pavement shall be compacted and "proof-rolled". Any weak or soft areas identified by the "proof-rolling" shall be removed and replaced.
3. ADA ramp slopes shall not exceed 1v:12h.
4. The topography shown is from field survey data.
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10. The contractor shall install all erosion and sediment control devices, as shown, prior to commencing demolition work.
11. Should any existing utilities not shown or shown incorrectly on this plan be found on site, the contractor shall contact the design engineer immediately to discuss any possible conflicts before proceeding with any work in that area.

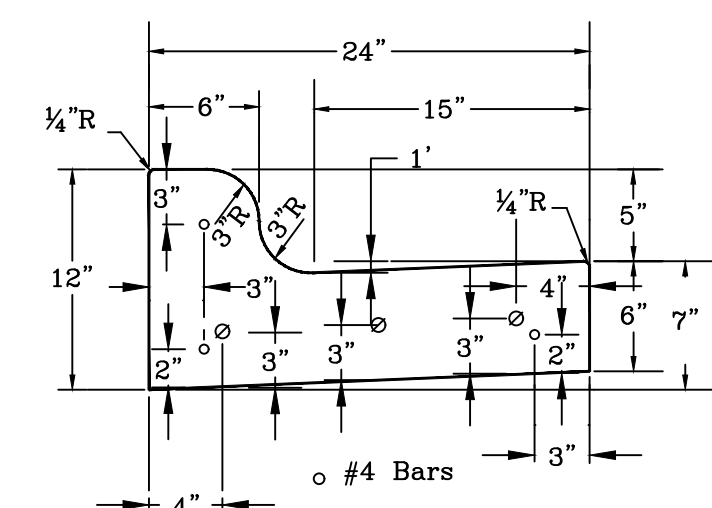
- | | |
|---|----------------------------|
|  | Existing Sidewalk |
|  | Existing Concrete Pavement |
|  | Existing HMAC |
|  | Proposed Sidewalk |
|  | Proposed 5\" |
|  | Proposed 7\" |
|  | Proposed 8\" |

[illegible]

Note:

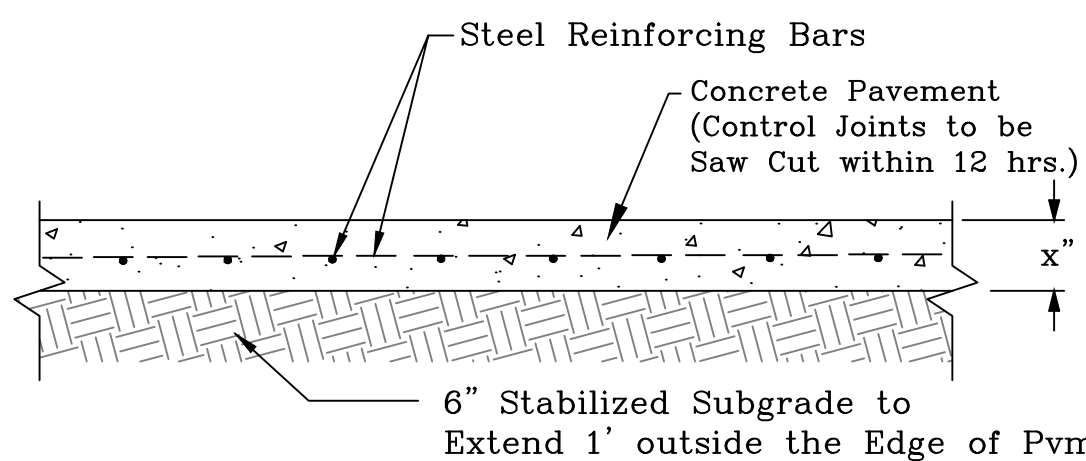
1. Install expansion joints at 40' max. longitudinal spacing and install control joints at 5' longitudinal spacing

N.T.S



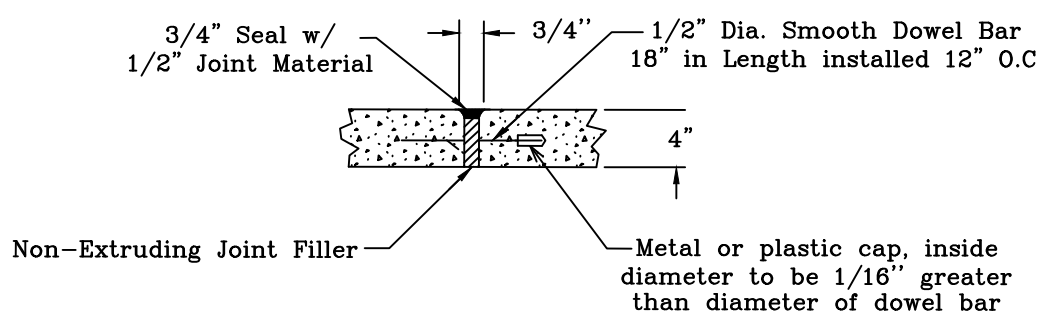
Driveway Raised Curb Detail

Note: No Stabilization required for 7" Pavement per Geotechnical Report.

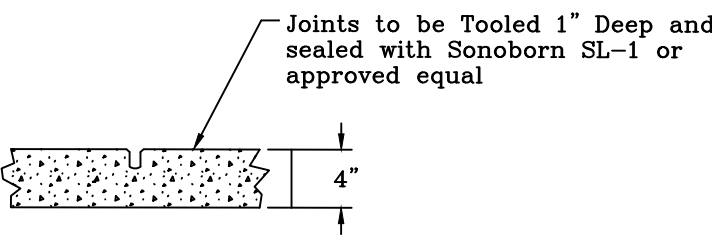


1. 5" Pavement - use #4 rebar @ 18" O.C.E.W.
2. 7" Pavement - use #4 rebar @ 18" O.C.E.W.
3. 8" Pavement - use #5 rebar @ 18" O.C.E.W.

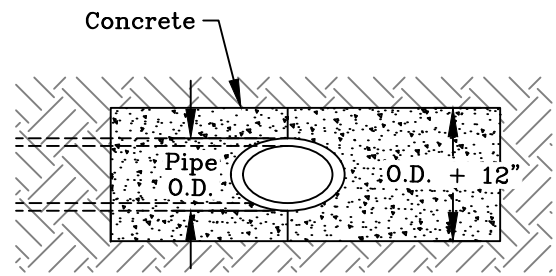
Typical Concrete Paving Section



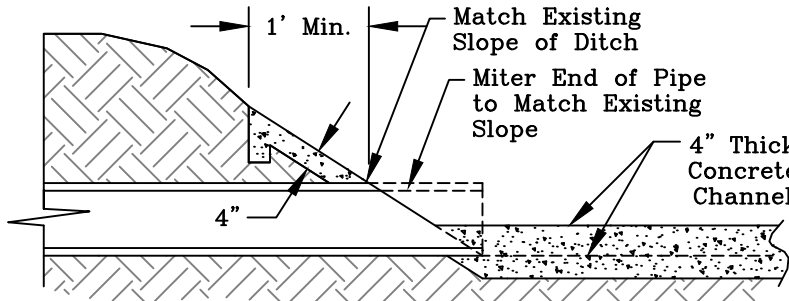
Expansion Joint Detail



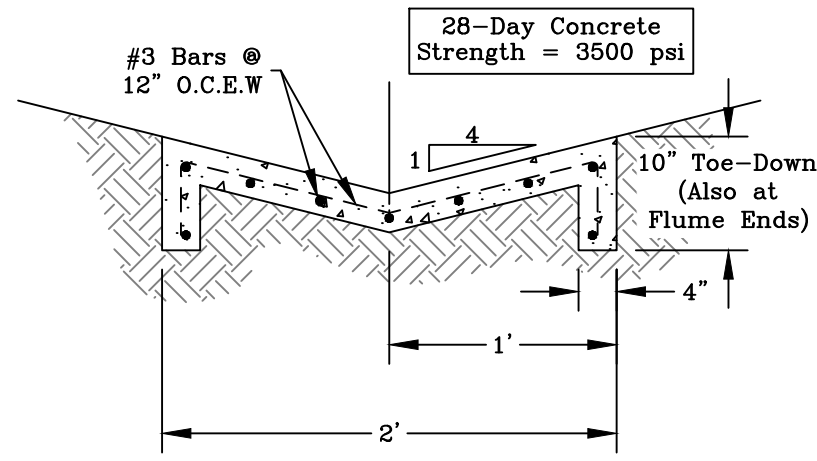
Contraction Joint Detail



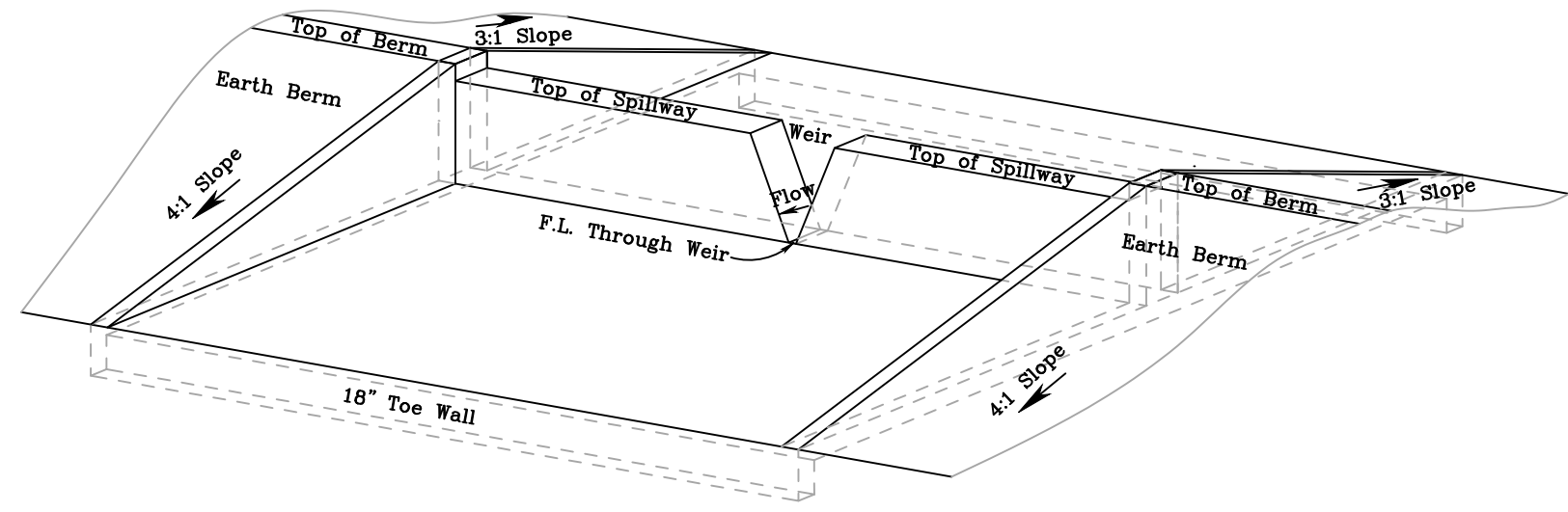
Sloped End Treatment - Plan
N.T.S.



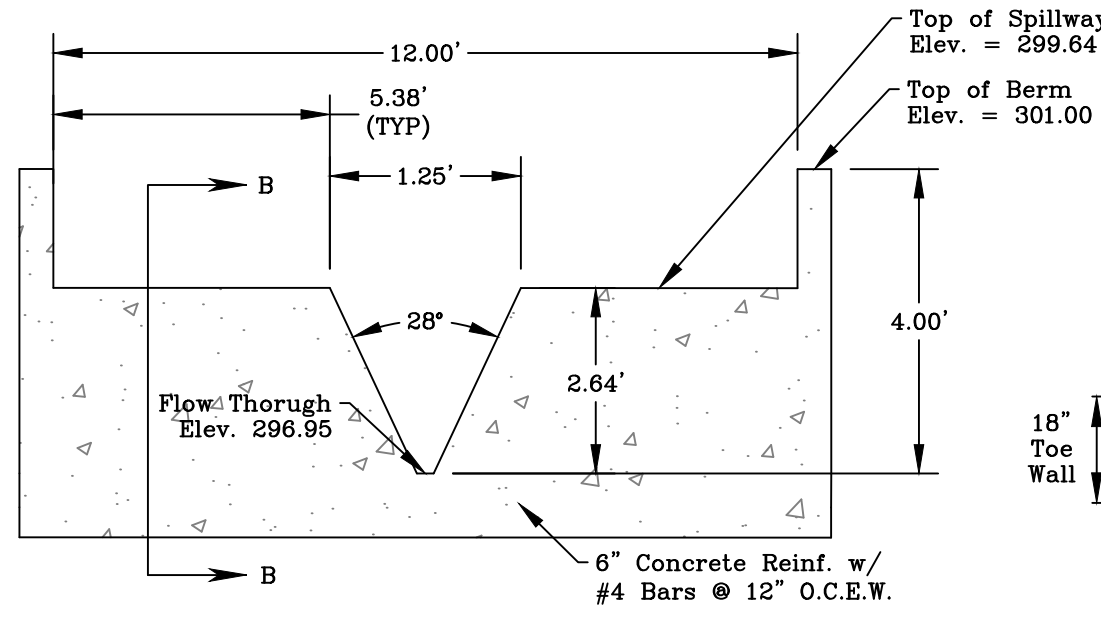
Sloped End Treatment - Profile
N.T.S.



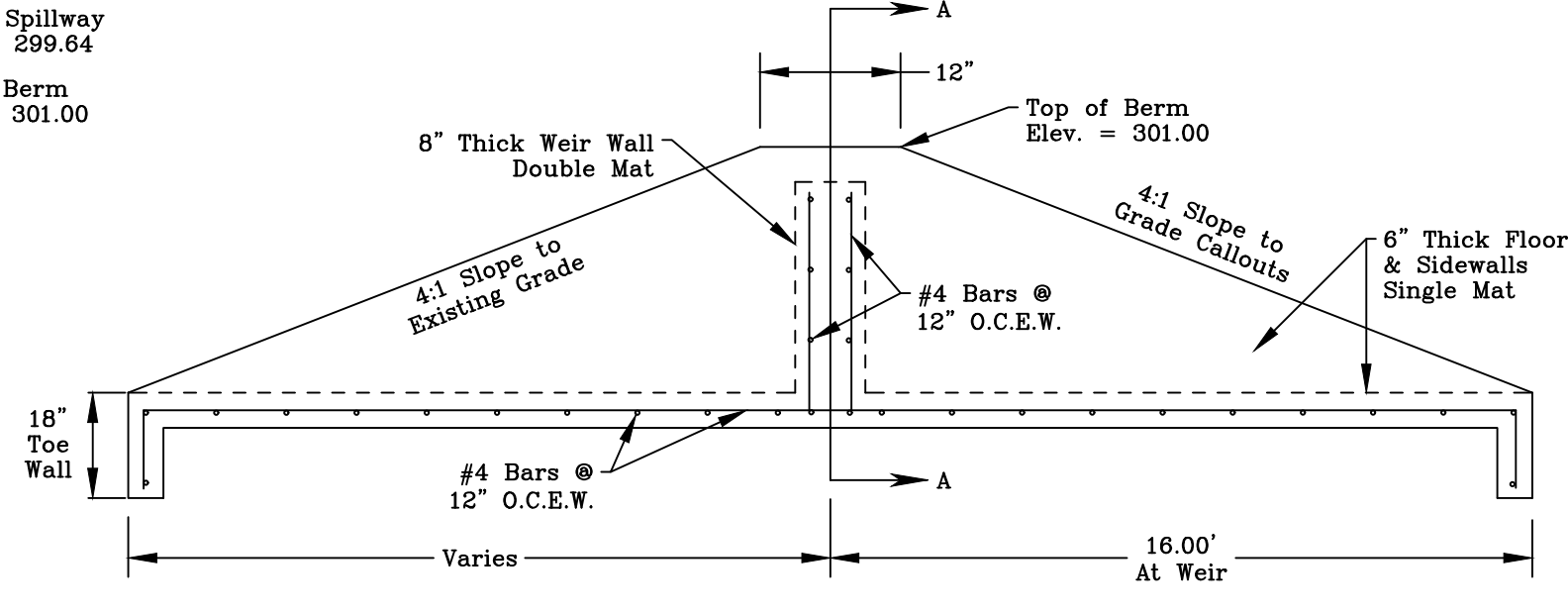
Typical Storm Flume Cross-Section
N.T.S.



Detention Pond Outfall Structure: V-Notch Weir
N.T.S.

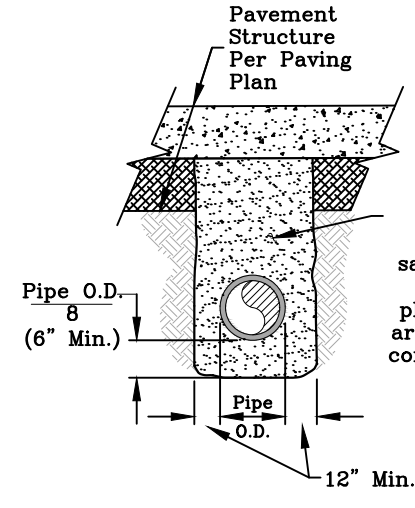


Section A-A
N.T.S.



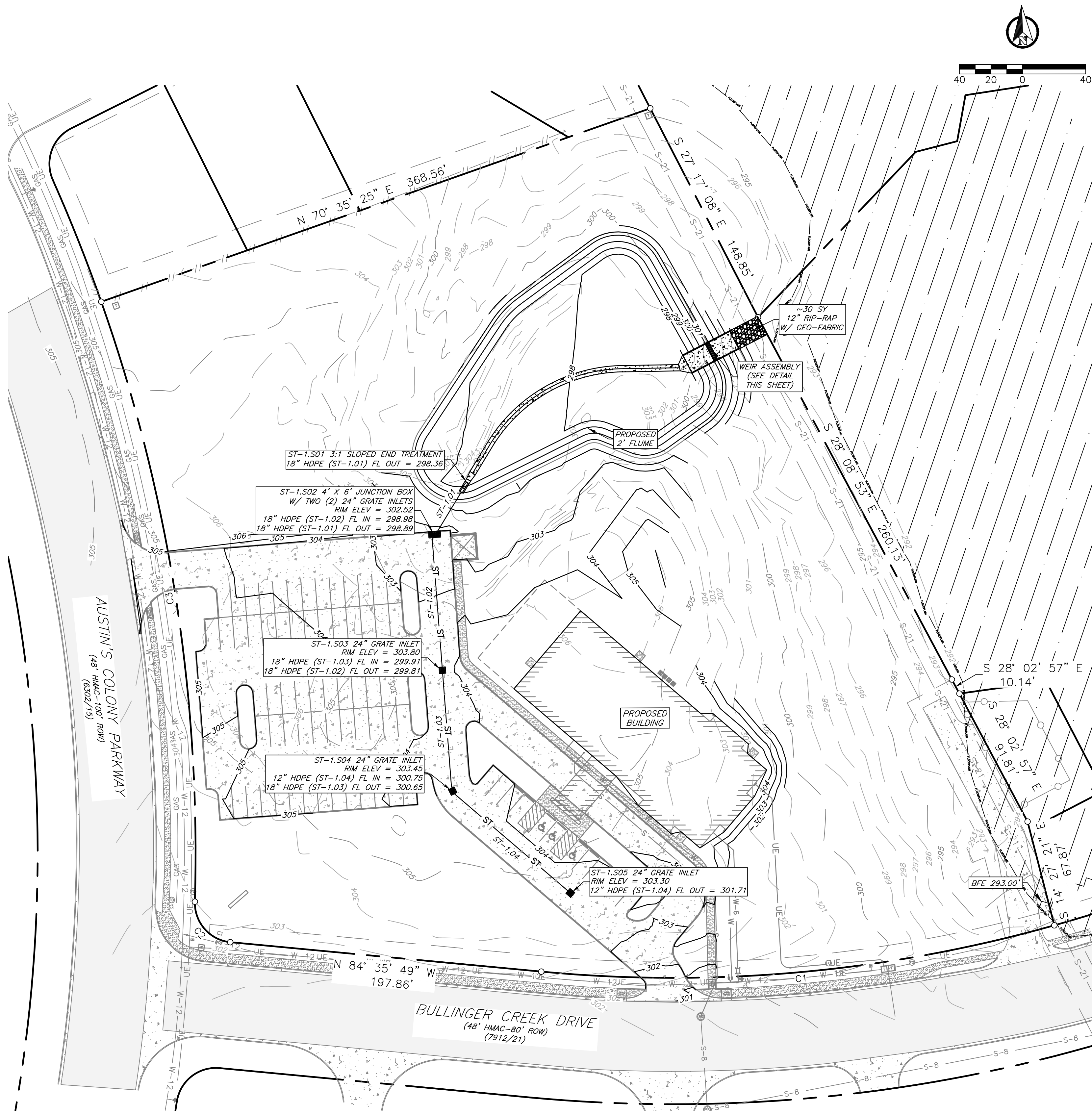
Section B-B
N.T.S.

PIPE TABLE: PRIVATE STORM								
NAME	LENGTH	BEARING	SIZE	MATERIAL	SLOPE	START NORTHING	START EASTING	END NORTHING
ST-1.01	37.18'	N31° 09' 34"E	18"	HDPE	1.42%	10235000.81	3553032.09	10235032.62
ST-1.02	83.14'	N4° 26' 53"W	18"	HDPE	1.00%	10234915.16	3553035.59	10234998.05
ST-1.03	74.30'	N4° 26' 54"W	18"	HDPE	1.00%	10234838.09	3553041.59	10234912.17
ST-1.04	96.00'	N49° 26' 53"W	12"	HDPE	1.00%	10234773.61	3553115.56	10234836.02



The trench bottom shall be graded so as to provide uniform and continuous support for the pipe barrel between bell holes

Bedding and Trench Backfill for PVC Pipe - Structural Areas
N.T.S.



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(817) 857-7637
www.gessnerengineering.com
FIRM REGISTRATION NUMBERS:
TBRP F-7451, TBRPS F-1039910

J4 Engineering

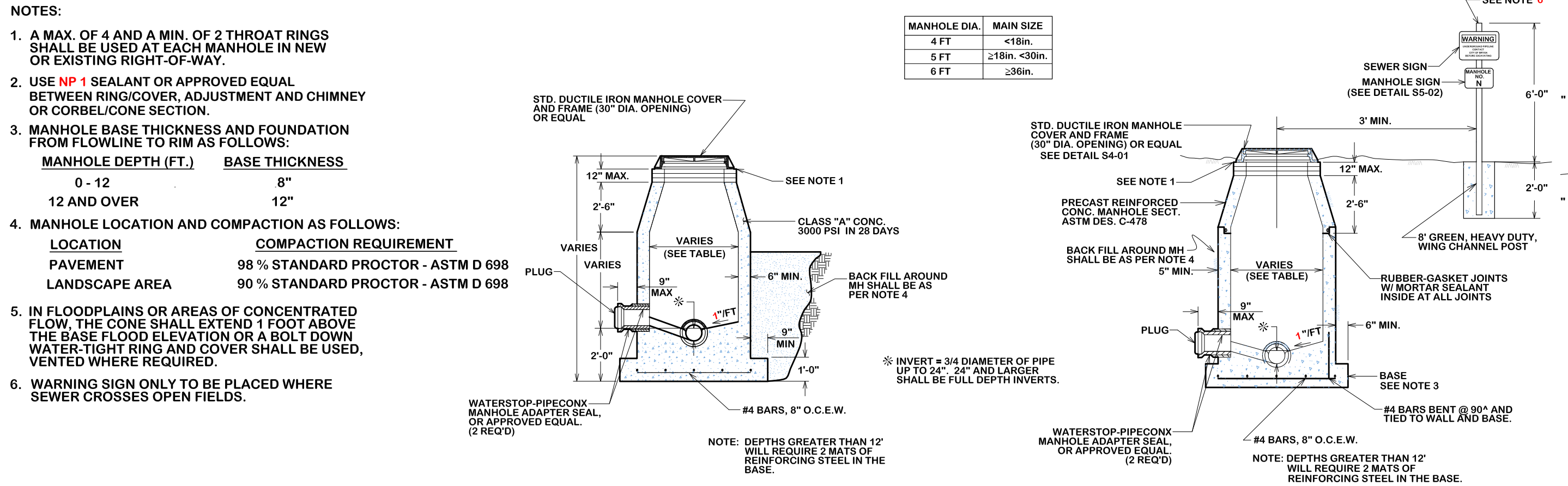
PROVIDENCE CHURCH

5.137 Acres

2610 AUSTINS COLONY PARKWAY
BRYAN, TEXAS

No. Date: Issue Notes:

Drawn By:
Checked By:
Patterson Project No.: 2505
Building Inventory No.:
Plot Date:
CAD File:
Project No.:
Sheet Title:
DRAINAGE & DETENTION PLAN
Sheet No.:
C5
of

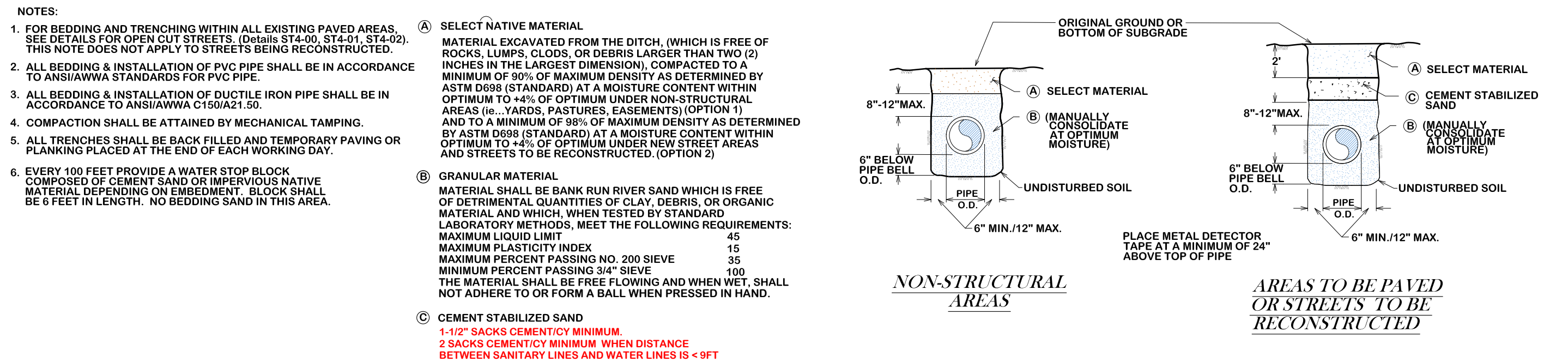


CAST IN PLACE MANHOLE

PRE-CAST MANHOLE

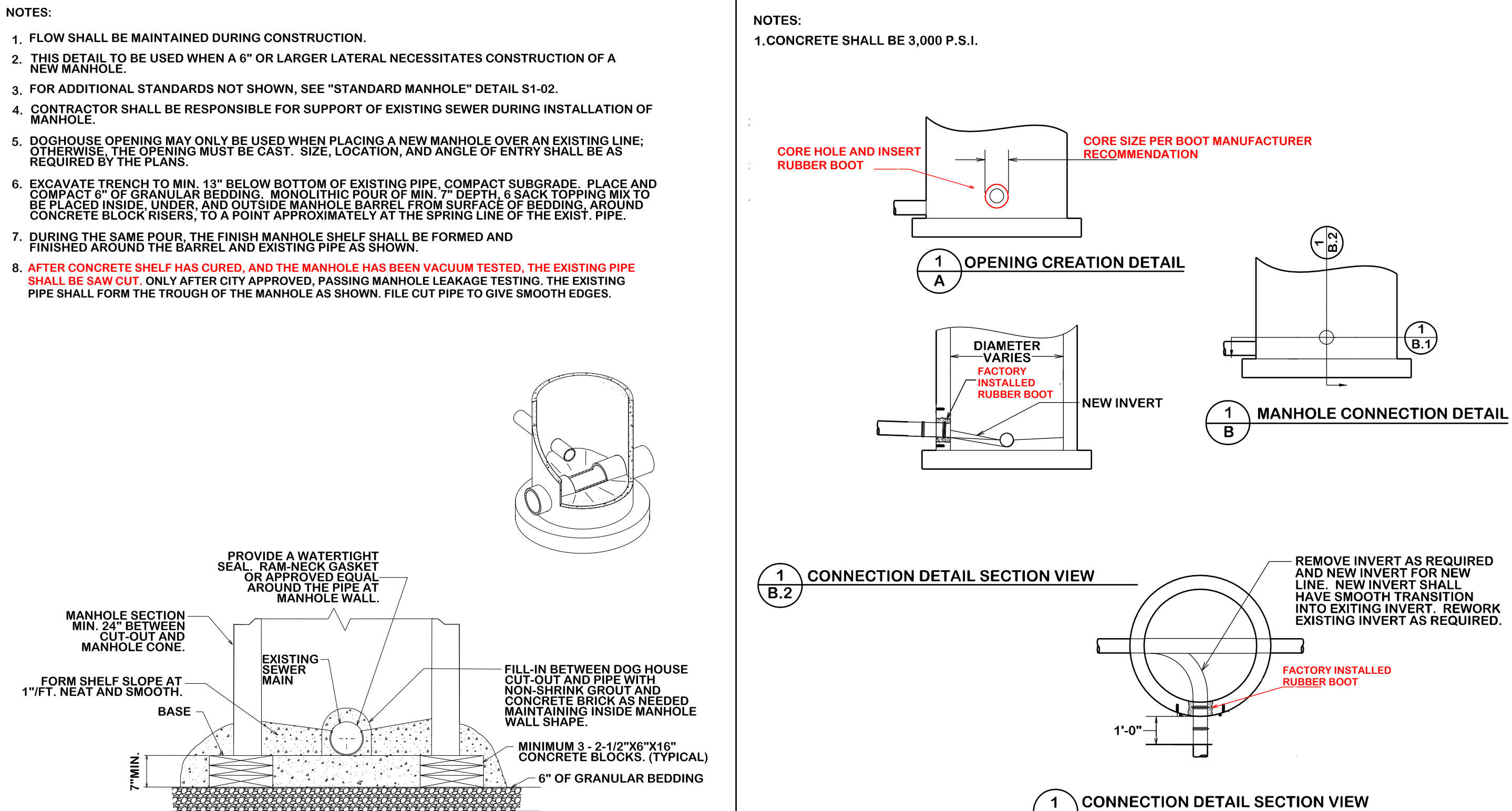
STANDARD MANHOLE

S1-00



BEDDING AND TRENCH FOR DI PIPE & PVC PIPE

S1-01

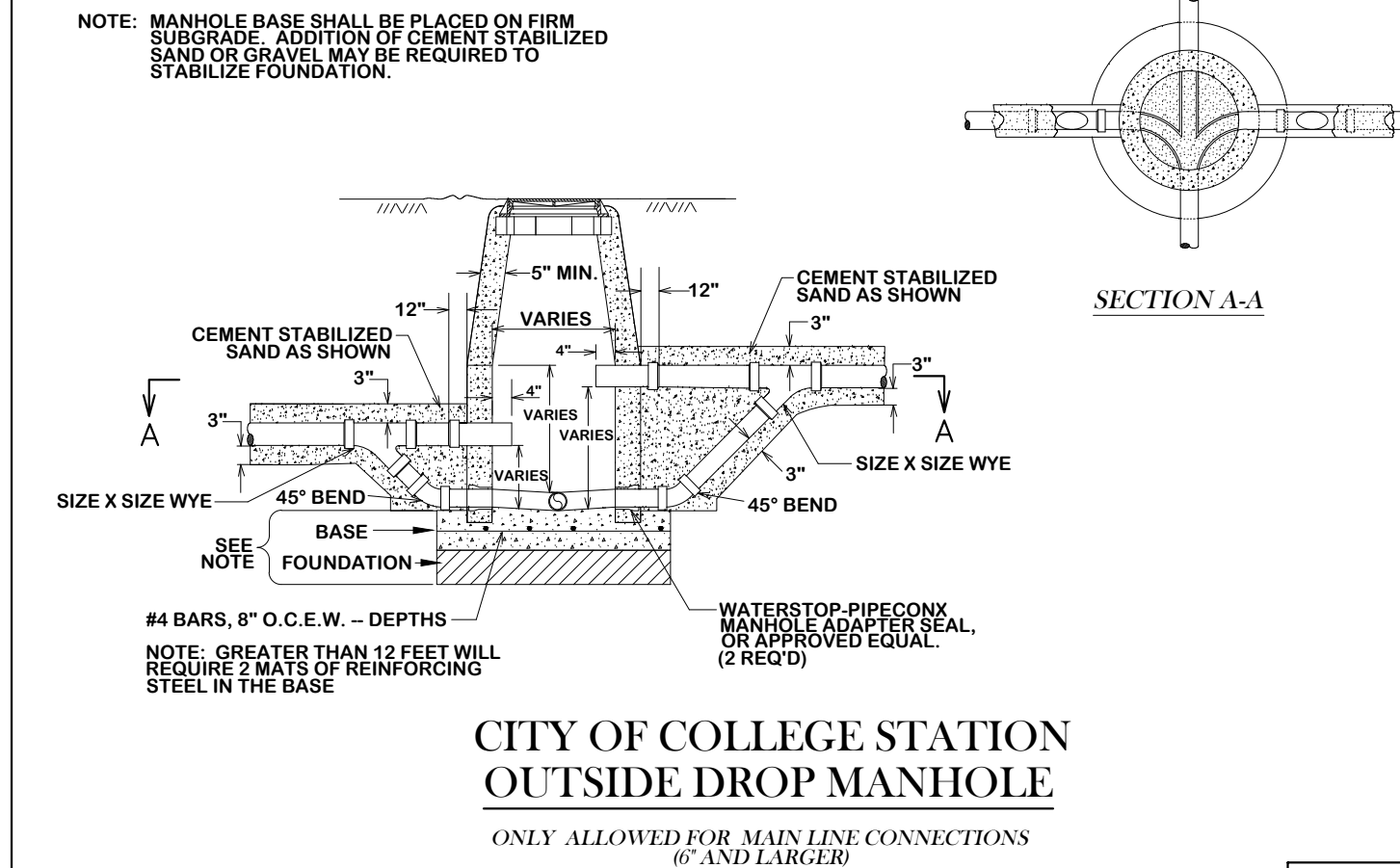


STANDARD MANHOLE TIE-IN

S3-01

CITY OF COLLEGE STATION
GRAVITY SEWER DOGHOUSE MANHOLE

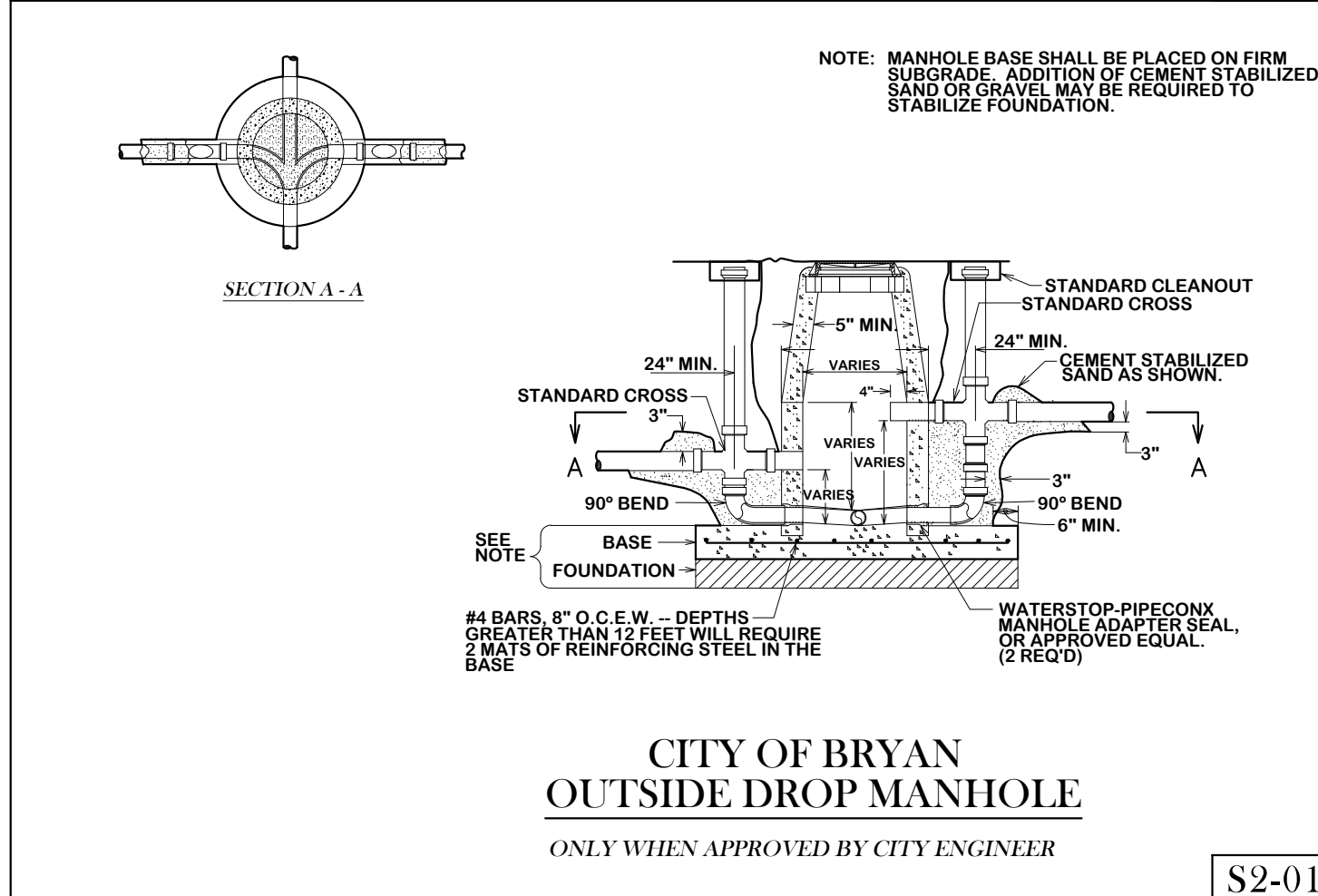
S3-00



CITY OF COLLEGE STATION
OUTSIDE DROP MANHOLE

ONLY ALLOWED FOR MAIN LINE CONNECTIONS
(6" AND LARGER)

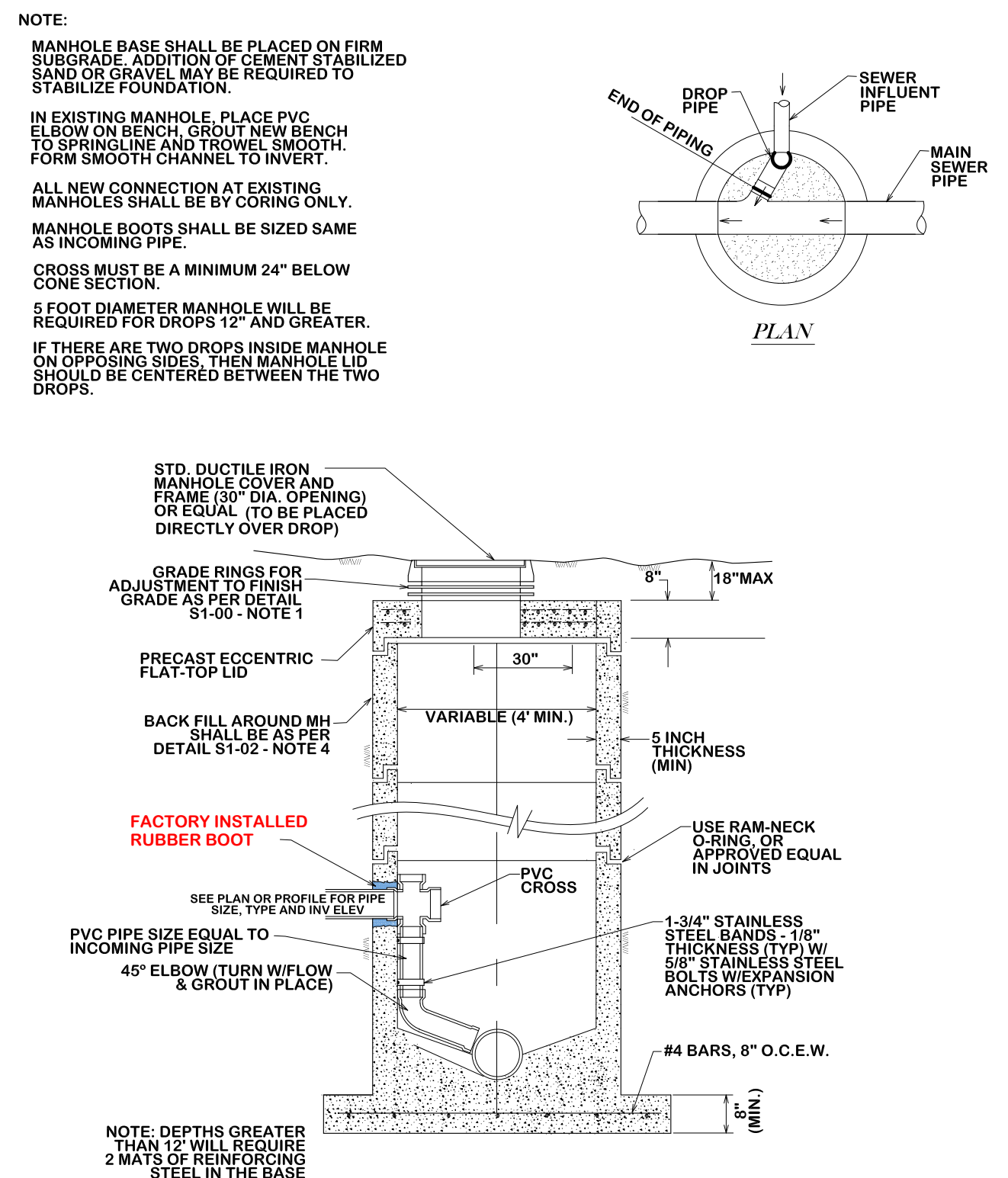
S2-00



CITY OF BRYAN
OUTSIDE DROP MANHOLE

ONLY WHEN APPROVED BY CITY ENGINEER

S2-01

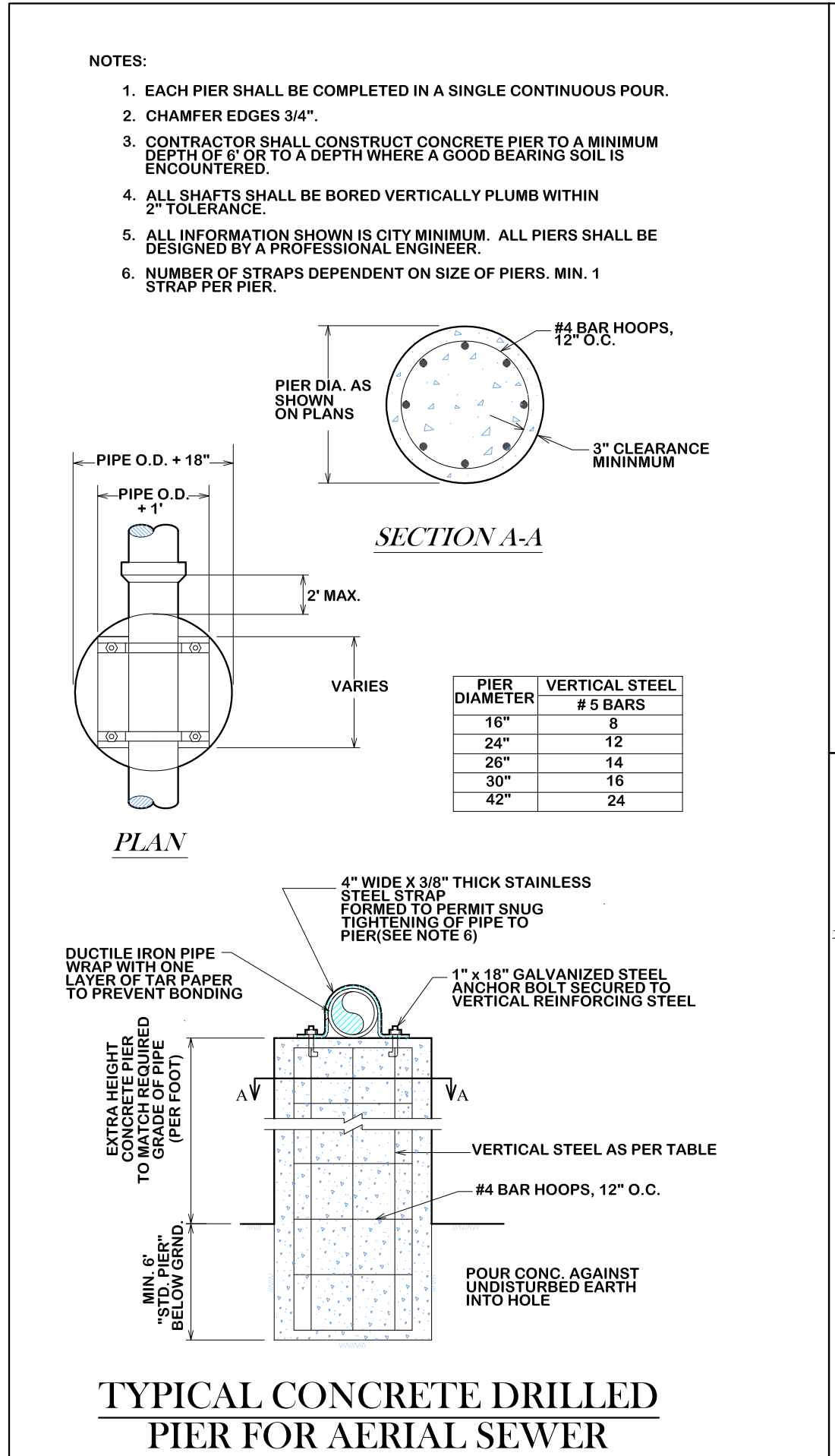


STANDARD DROP MANHOLE

CITY OF BRYAN - DROP MANHOLE TO BE USED ON LINES UP TO 12" IN SIZE

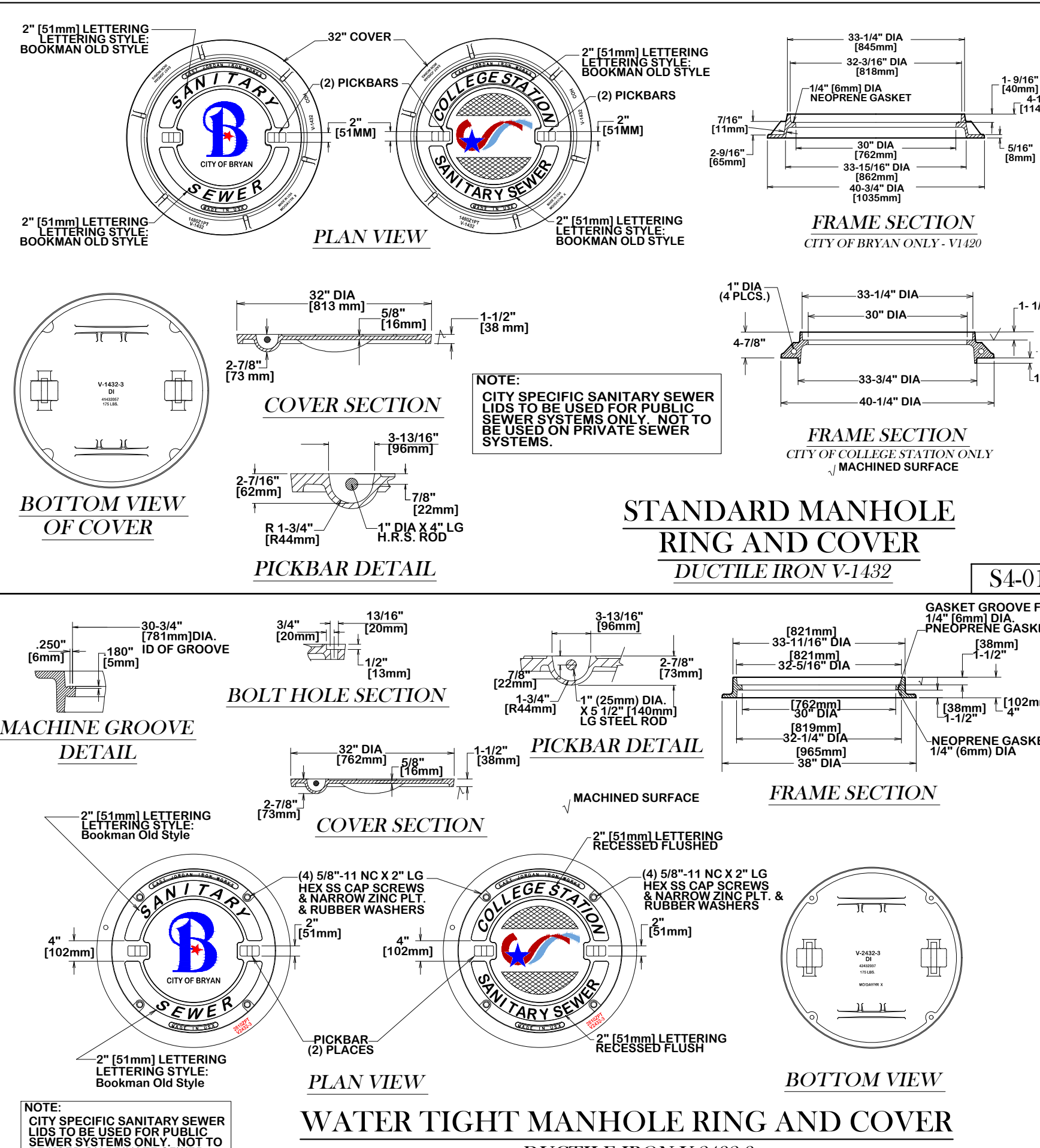
CITY OF COLLEGE STATION - DROP MANHOLE TO BE USED ON LINES UP TO 12" IN SIZE

S2-02



TYPICAL CONCRETE DRILLED
PIER FOR AERIAL SEWER

S4-00



STANDARD MANHOLE
RING AND COVER

DUCTILE IRON V-1432

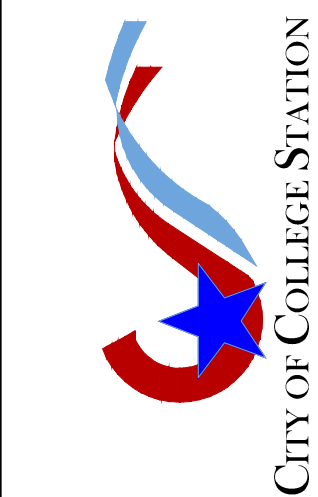
S4-01

WATER TIGHT MANHOLE RING AND COVER

DUCTILE IRON V-2432-3

S4-02

BRYAN - COLLEGE STATION
STANDARD SEWER DETAILS



DRAWN BY: K.L.
DATE: APR 2024
SCALE: NTS
APPROVED: W. P. K.

GENERAL NOTES:

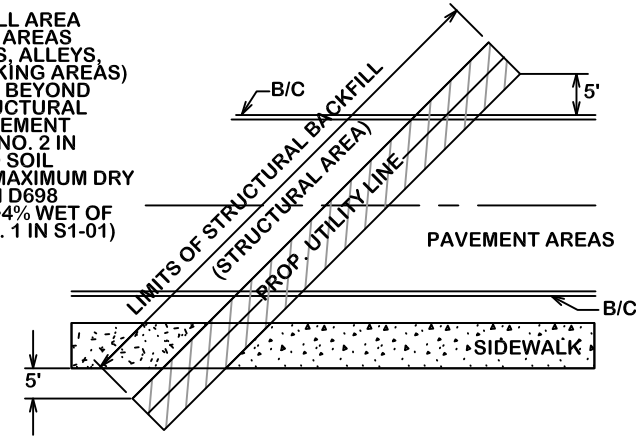
ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN BARED BY CONSTRUCTION SHALL BE ADEQUATELY BLOCK SOODED OR HYDROMULCHED AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOCK SOO WILL BE REQUIRED. BARED AREAS SHALL BE SEEDED OR SOODED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.

APPROVED EROSION CONTROL MEASURES MUST BE INSTALLED DURING THE ENTIRE TIME THAT EARTH HAS BEEN BARED BY CONSTRUCTION AND SHALL STAY IN PLACE UNTIL ACCEPTABLE VEGETATIVE GROWTH IS ESTABLISHED. AFTER CONSTRUCTION IS COMPLETE AND THEN REMOVED BY CONTRACTOR.

ALL EROSION CONTROL MEASURES SHOULD BE CLEANED OF SILT AFTER EVERY RAIN.

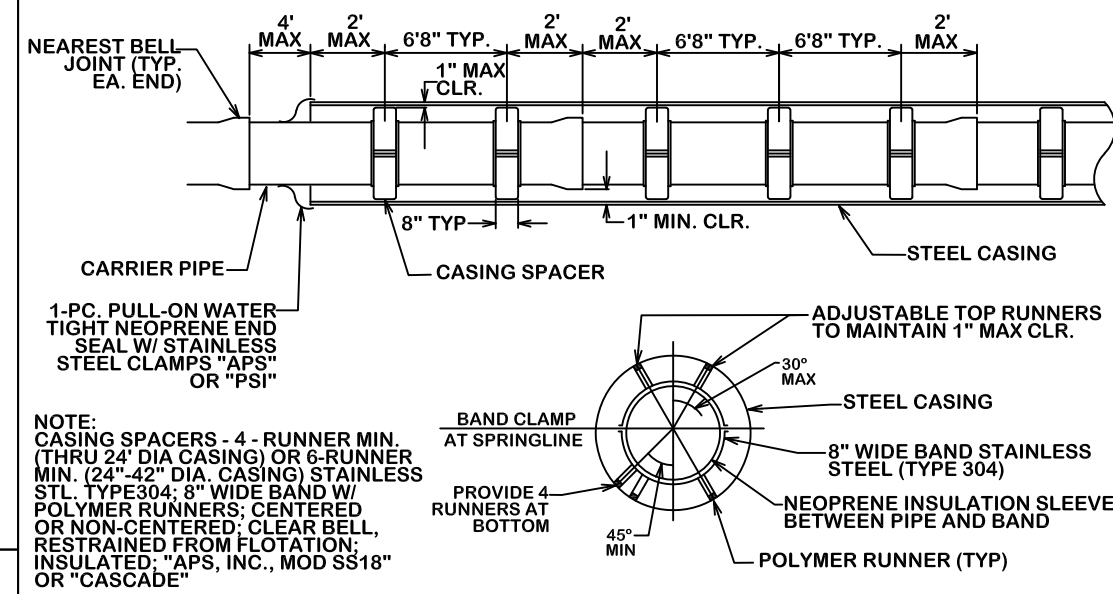
ESTABLISHMENT OF VEGETATION MAY BE A WARRANTY ITEM.

STRUCTURAL BACKFILL AREA INCLUDES ALL PAVED AREAS (SIDEWALKS, STREETS, ALLEYS, DRIVEWAYS AND PARKING AREAS) AND SHALL EXTEND 5' BEYOND THE CURB LINE. STRUCTURAL BACKFILL SHALL BE CEMENT STABILIZED (OPTION NO. 2 IN S1-01) OR EXCAVATED SOIL COMPACTED TO 95% MAXIMUM DRY DENSITY (OPTION NO. 1 IN S1-01) OPTIMUM (OPTION NO. 1 IN S1-01)



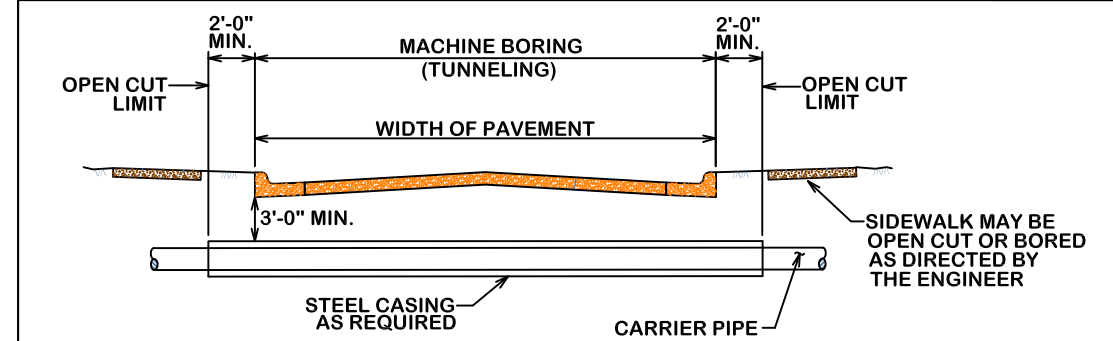
STRUCTURAL BACKFILL AREA

S5-00



CASING DETAIL

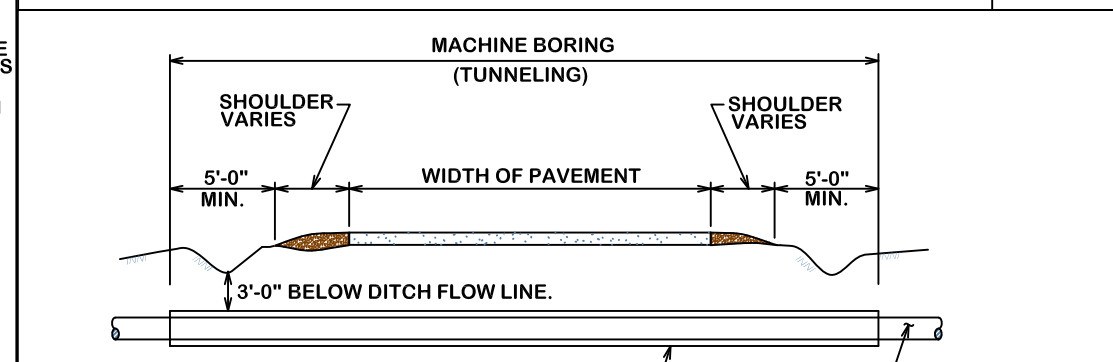
S5-03



- NOTE:
1. FOR MORE INFORMATION ON WATER AND SEWER LINE CROSSING SEE CITY STANDARD SPECIFICATION FOR WATER AND SEWER LINE CONSTRUCTION.
 2. STEEL CASING SHALL BE AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
 3. DRY BORING PREFERRED, WET BORING ALLOWED ONLY WHEN APPROVED BY THE CITY ENGINEER.

TYPICAL URBAN CITY STREET CROSSING

S5-04



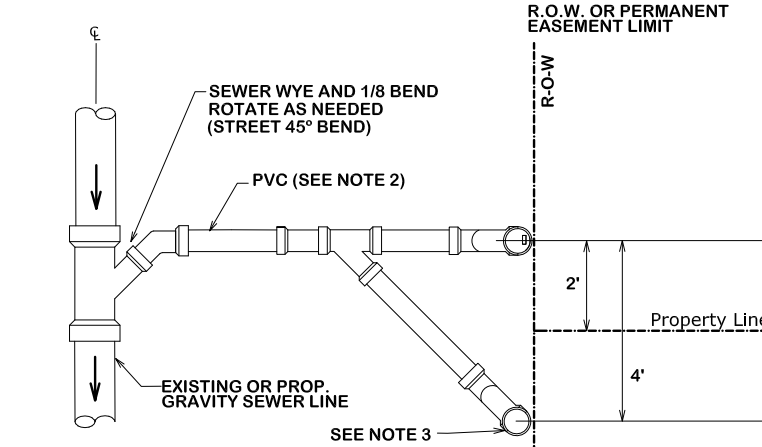
- NOTE:
1. FOR MORE INFORMATION ON WATER AND SEWER LINE CROSSING SEE CITY STANDARD SPECIFICATION FOR WATER AND SEWER LINE CONSTRUCTION.
 2. STEEL CASING SHALL BE AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
 3. DRY BORING IS REQUIRED.

TYPICAL RURAL STREET CROSSING

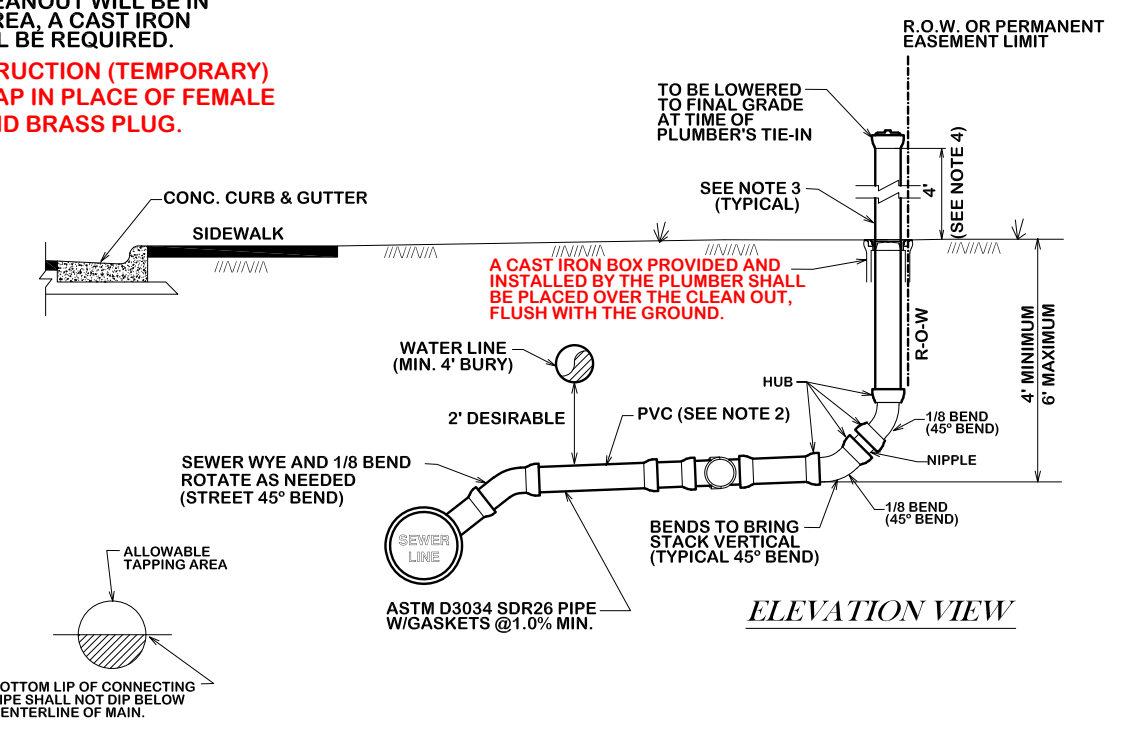
S5-05

NOTE:

1. ALL MATERIAL SHALL BE ASTM D3034 SDR26 W/ GASKETS
2. ALL SERVICE CONNECTIONS & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.
3. A CLEAN OUT IS REQUIRED AND WILL BE INSTALLED BY THE CONTRACTOR AT THE ROW FOR EACH LONG AND SHORT SIDE SERVICE. CLEANOUT SHALL INCLUDE A BRASS PLUG. CLEANOUTS SHALL BE EXTENDED 4 FEET ABOVE NATURAL GROUND. CLEANOUT CAP FITTING SHALL BE PLACED ON TOP.
4. LOT CORNERS SHALL BE MARKED WITH A LATH UNDER THE SUPERVISION OF A SPLS UPON COMPLETION OF CONSTRUCTION
5. "STANDARD" SERVICE CONNECTIONS APPLY WHEN TRENCH IS LESS THAN 7' DEEP.
6. "DEEP" SERVICE CONNECTIONS APPLY WHEN TRENCH IS MORE THAN 7' DEEP.
7. SERVICE SHALL BE AS SHALLOW AS POSSIBLE AND STILL SERVICE LOT
8. WHERE A SINGLE SERVICE THAT SERVES A SINGLE RESIDENCE TAPS INTO A MANHOLE NEAR THE PROPERTY LINE OF THAT LOT A SEWER STACK SHALL NOT BE REQUIRED.
9. WHERE A CLEANOUT WILL BE IN A TRAFFIC AREA, A CAST IRON TOP HAT WILL BE REQUIRED.
10. NEW CONSTRUCTION (TEMPORARY) USE GLUE CAP IN PLACE OF FEMALE ADAPTER AND BRASS PLUG.



PLAN VIEW



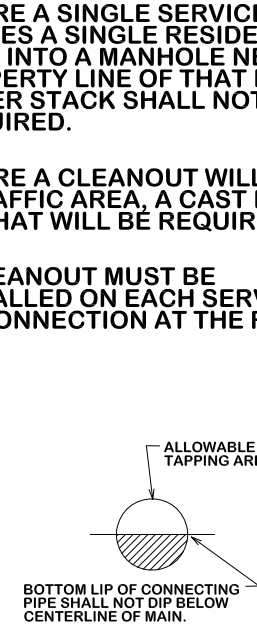
STANDARD SEWER SERVICE CONNECTION

NEW CONSTRUCTION ONLY

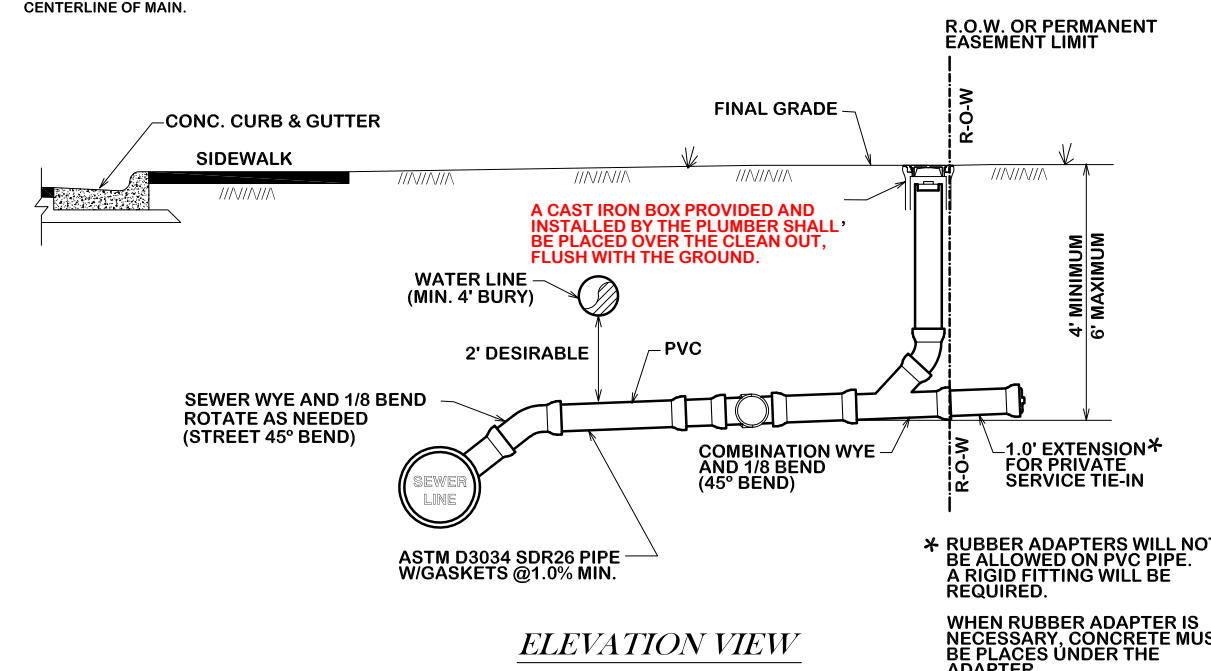
S6-00

NOTE:

1. ALL MATERIAL SHALL BE ASTM D3034 SDR26 W/ GASKETS
2. SERVICE SHALL BE AS SHALLOW AS POSSIBLE AND STILL SERVICE LOT
3. WHERE A SINGLE SERVICE THAT SERVES A SINGLE RESIDENCE TAPS INTO A MANHOLE NEAR THE PROPERTY LINE OF THAT LOT A SEWER STACK SHALL NOT BE REQUIRED.
4. WHERE A CLEANOUT WILL BE IN A TRAFFIC AREA, A CAST IRON TOP HAT WILL BE REQUIRED.
4. A CLEANOUT MUST BE INSTALLED ON EACH SERVICE RE-CONNECTION AT THE ROW LINE.



PLAN VIEW



ELEVATION VIEW

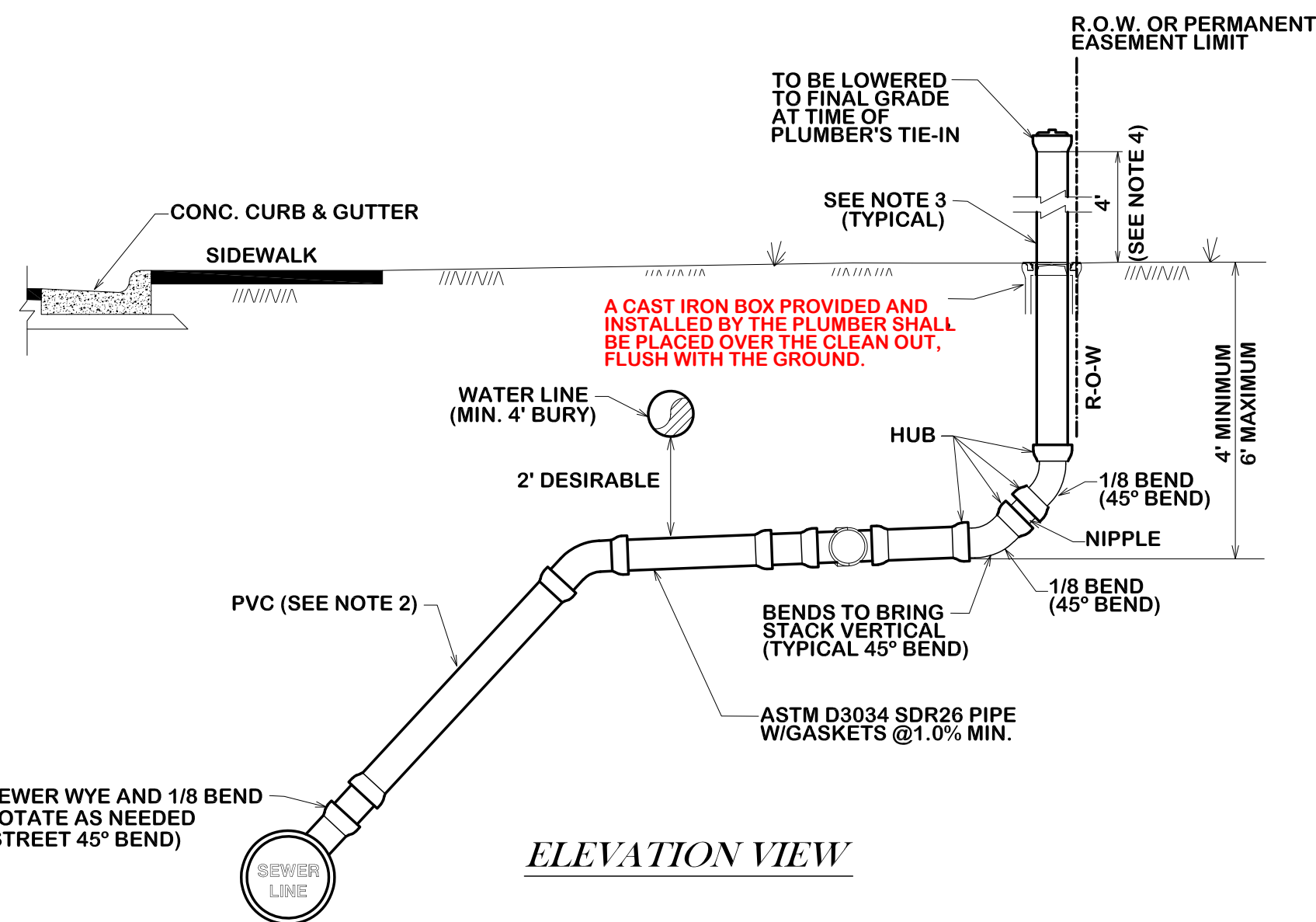
STANDARD SEWER SERVICE RE-CONNECTION

PLUMBER CONNECTION OR CIP RECONSTRUCTION

S6-01

NOTE:

1. ALL MATERIAL SHALL BE ASTM D3034 SDR26 W/ GASKETS
2. ALL SERVICE CONNECTIONS & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.
3. A CLEAN OUT IS REQUIRED AND WILL BE INSTALLED BY THE CONTRACTOR AT THE ROW FOR EACH LONG AND SHORT SIDE SERVICE CLEANOUT SHALL INCLUDE A BRASS PLUG.
4. CLEANOUTS SHALL BE EXTENDED 4 FEET ABOVE NATURAL GROUND. CLEANOUT CAP FITTING SHALL BE PLACED ON TOP.
5. NEW CONSTRUCTION (TEMPORARY) USE GLUE CAP IN PLACE OF FEMALE ADAPTER AND BRASS PLUG.



SEWER DEEP SERVICE CONNECTION

NEW CONSTRUCTION ONLY

S8-00

REVISIONS:

S5-00 & S6-01 revised 10/26/2012.

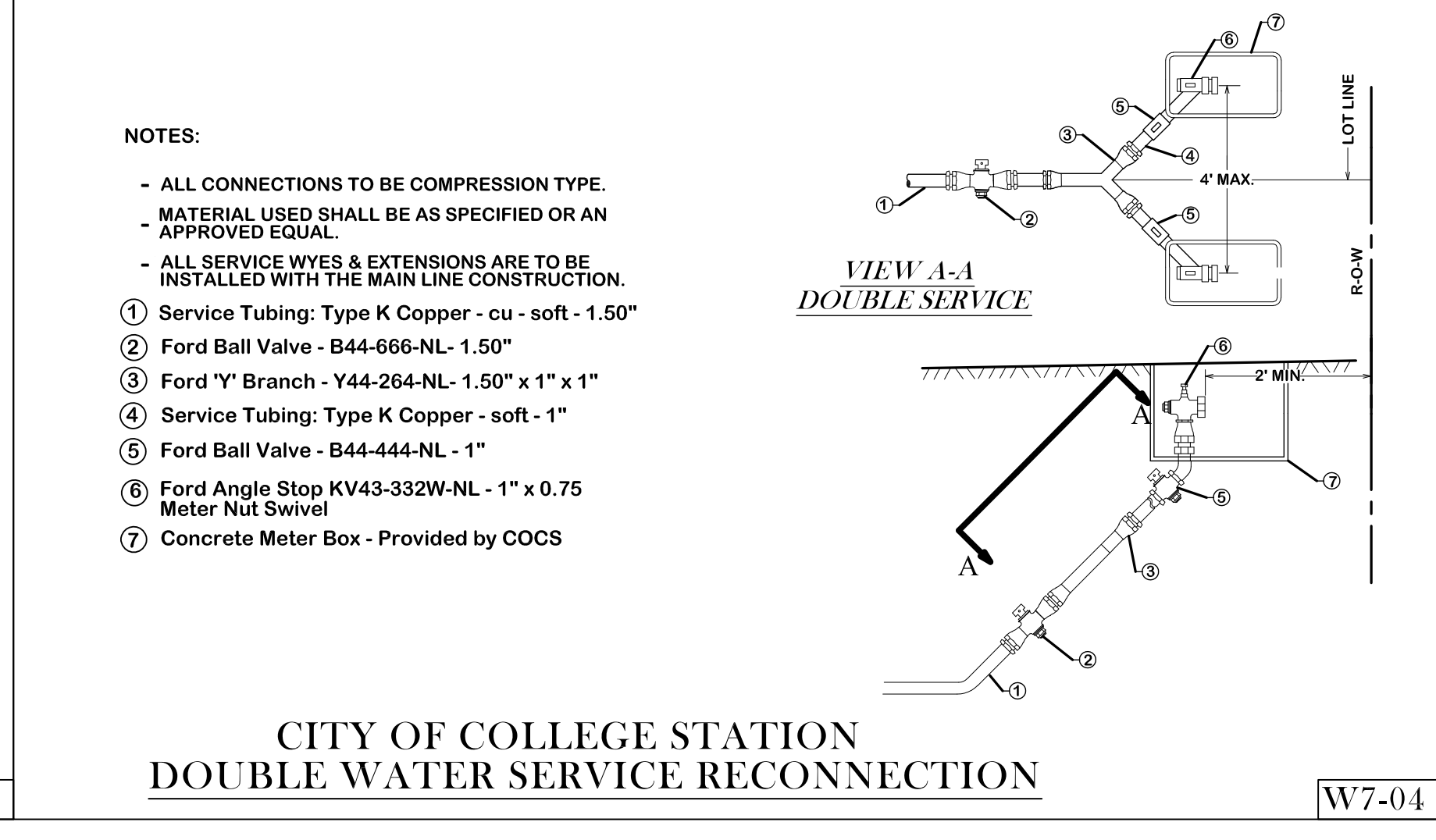
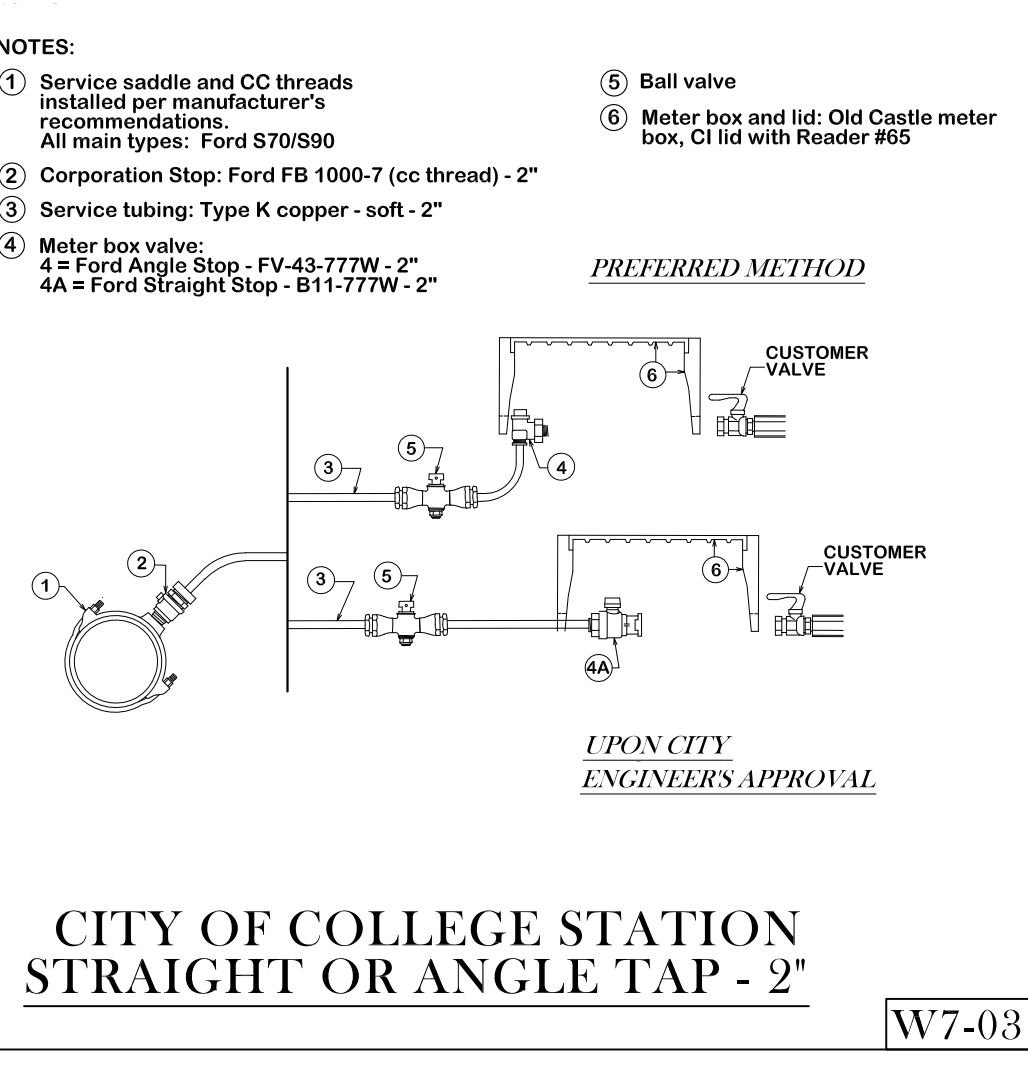
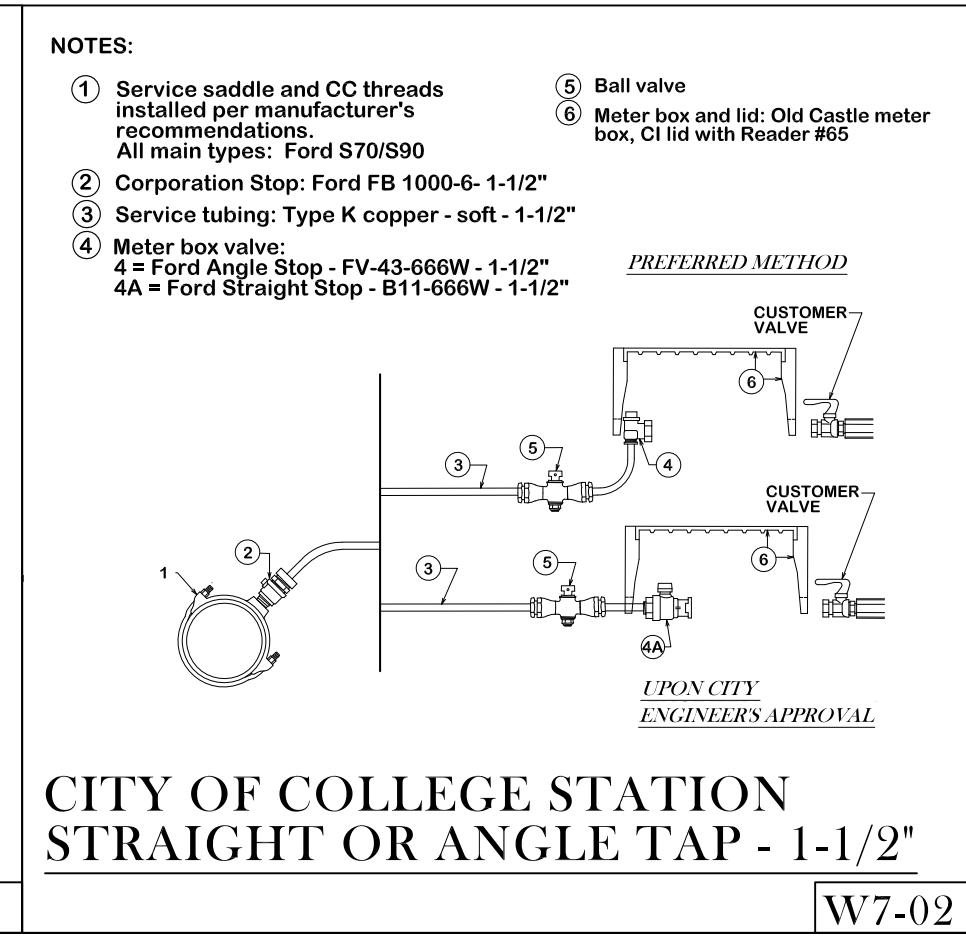
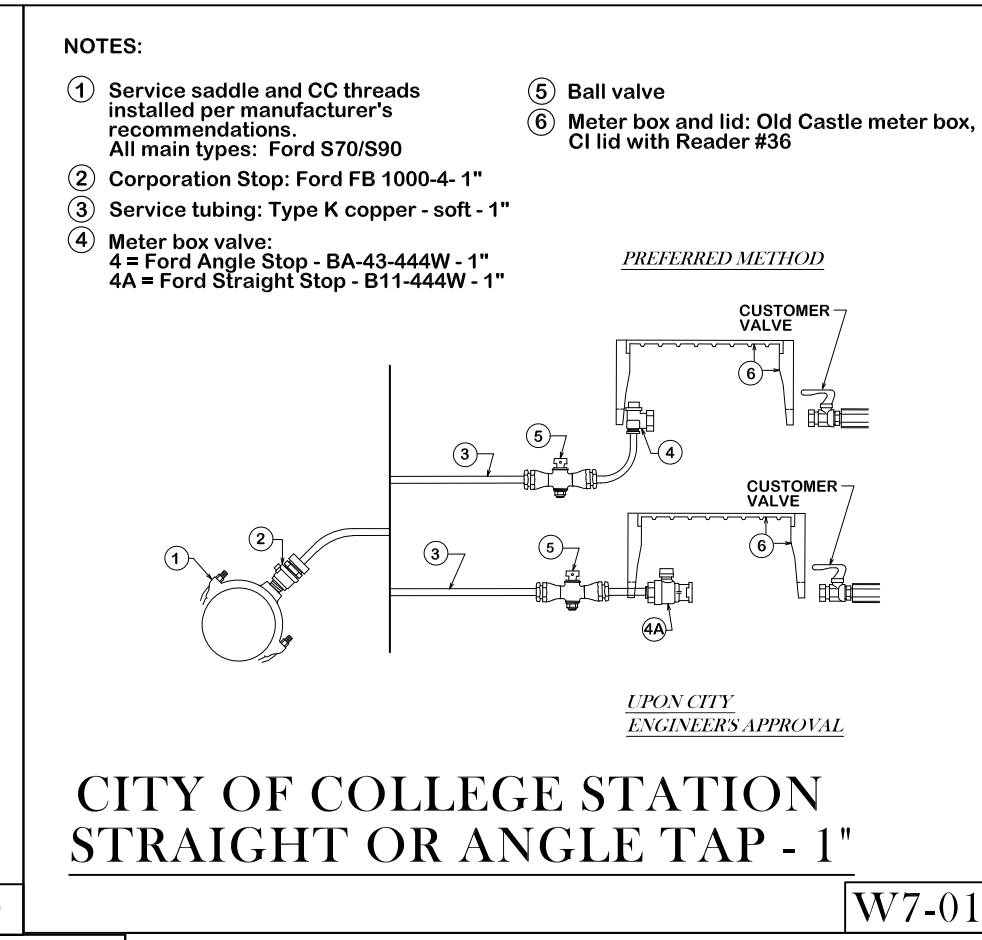
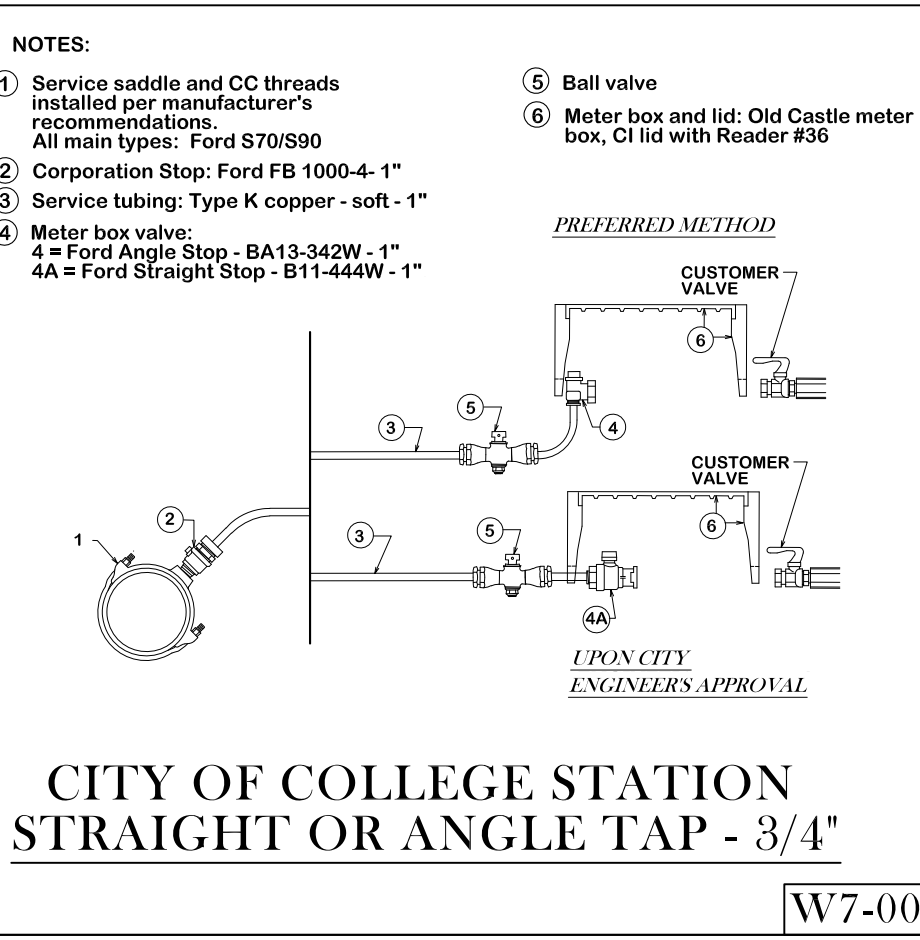
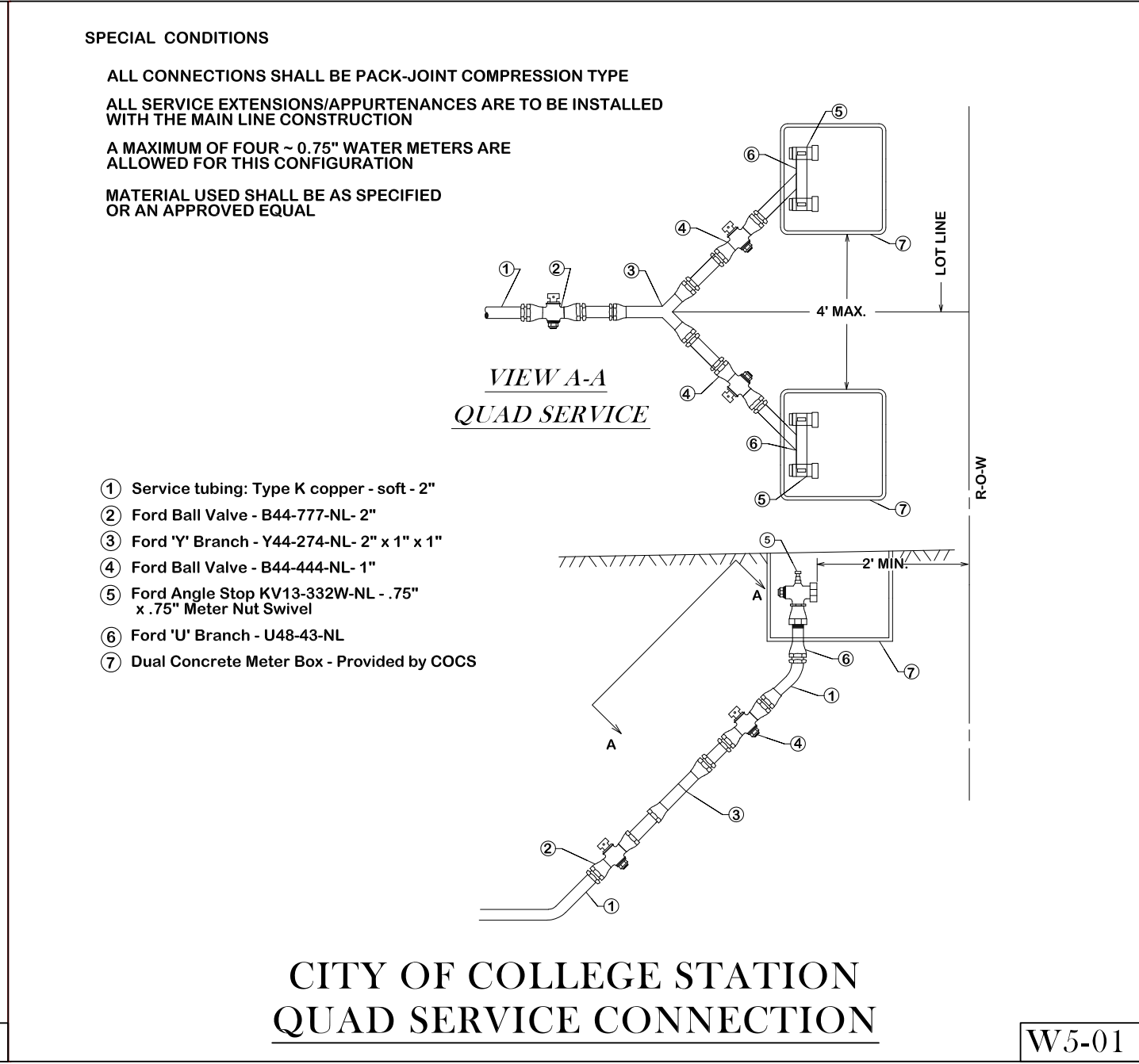
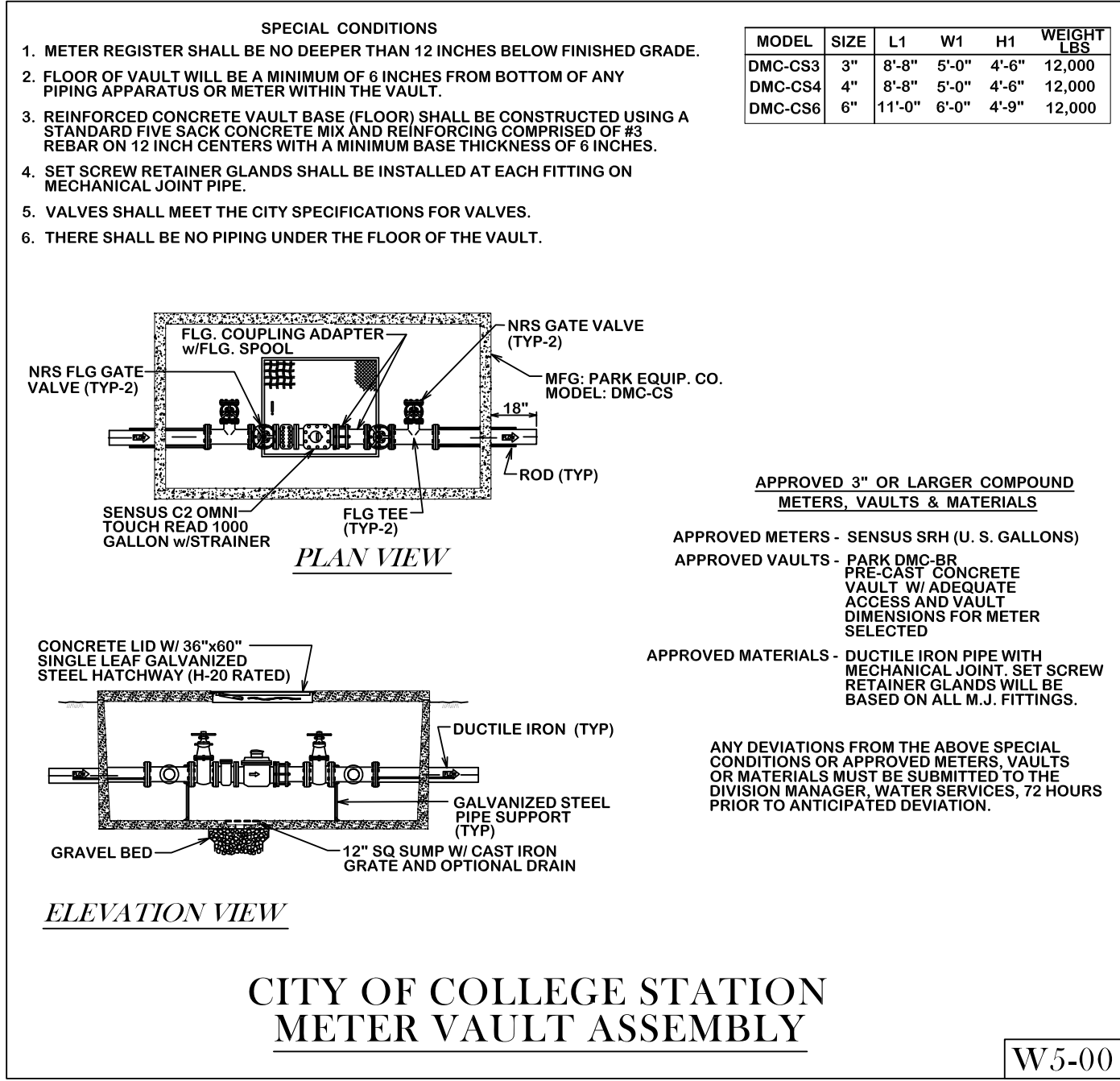
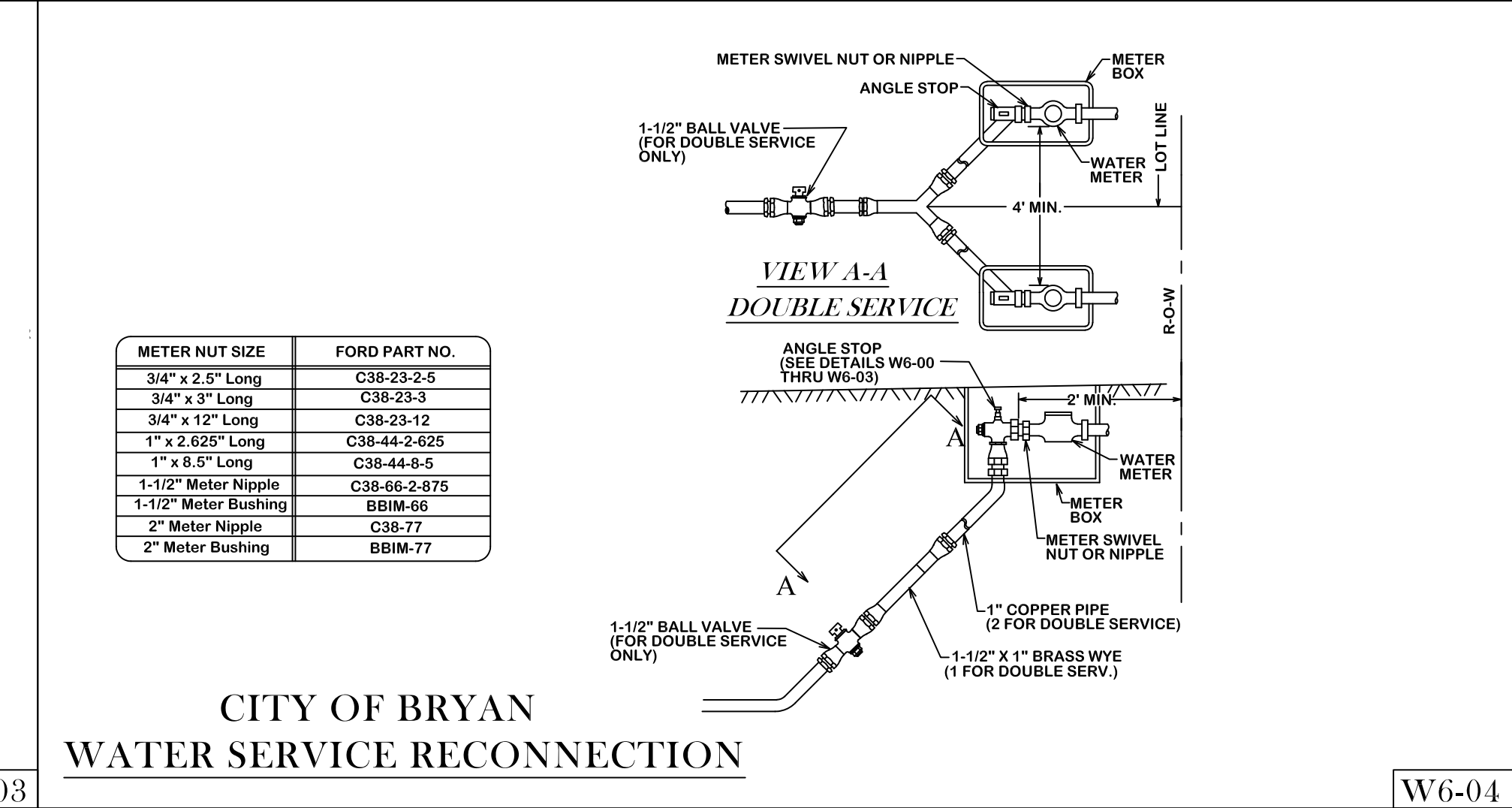
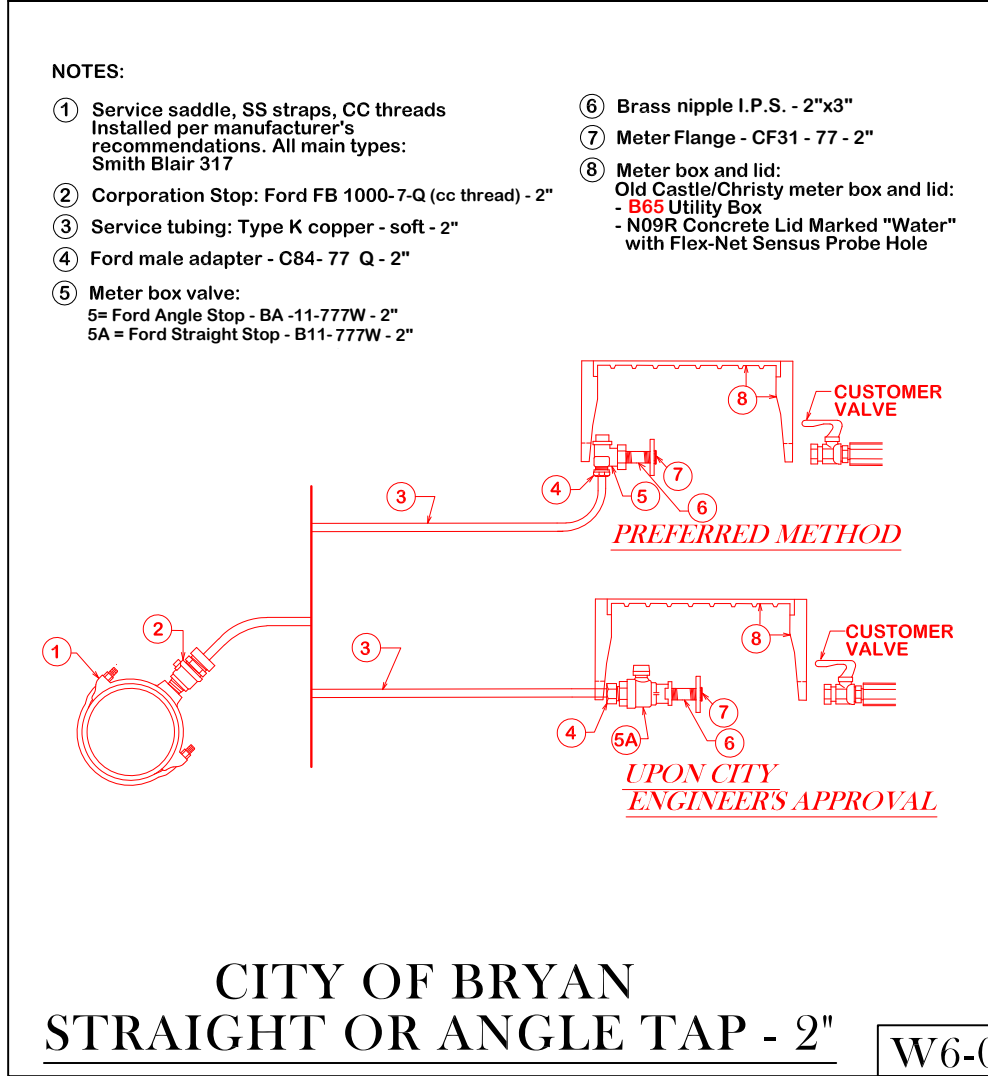
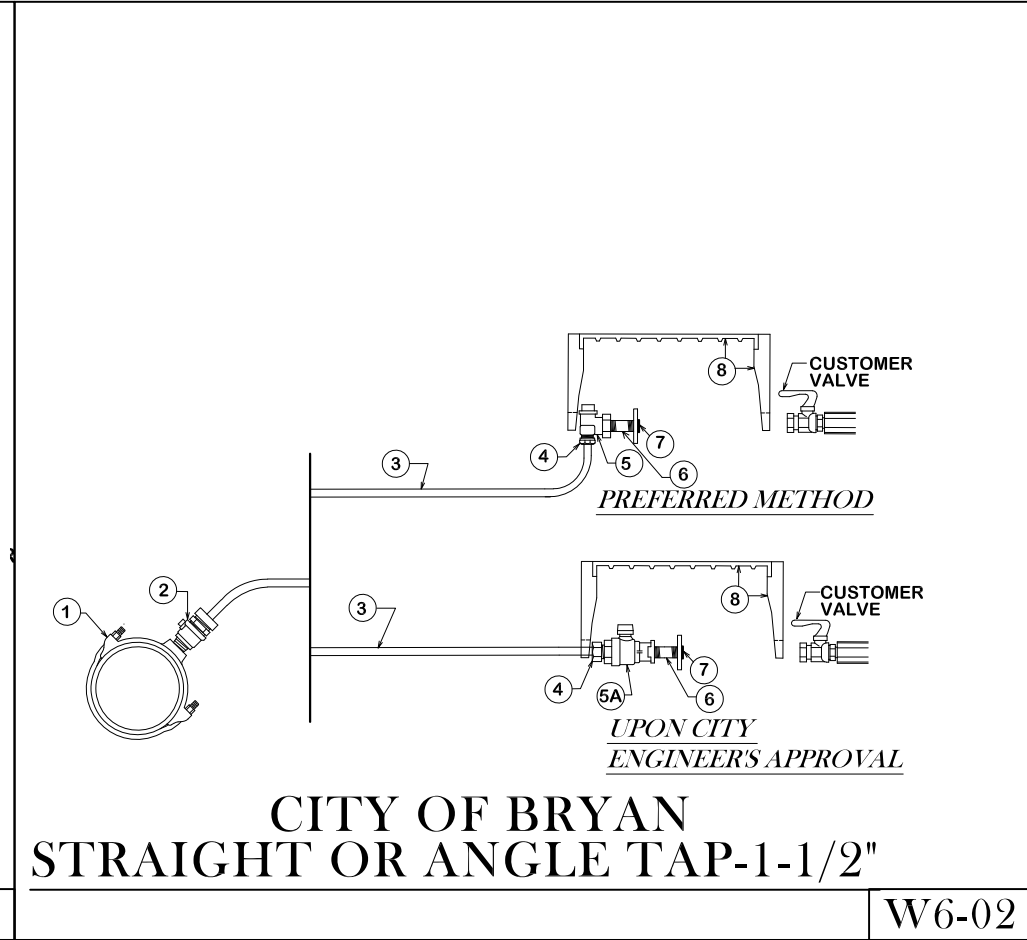
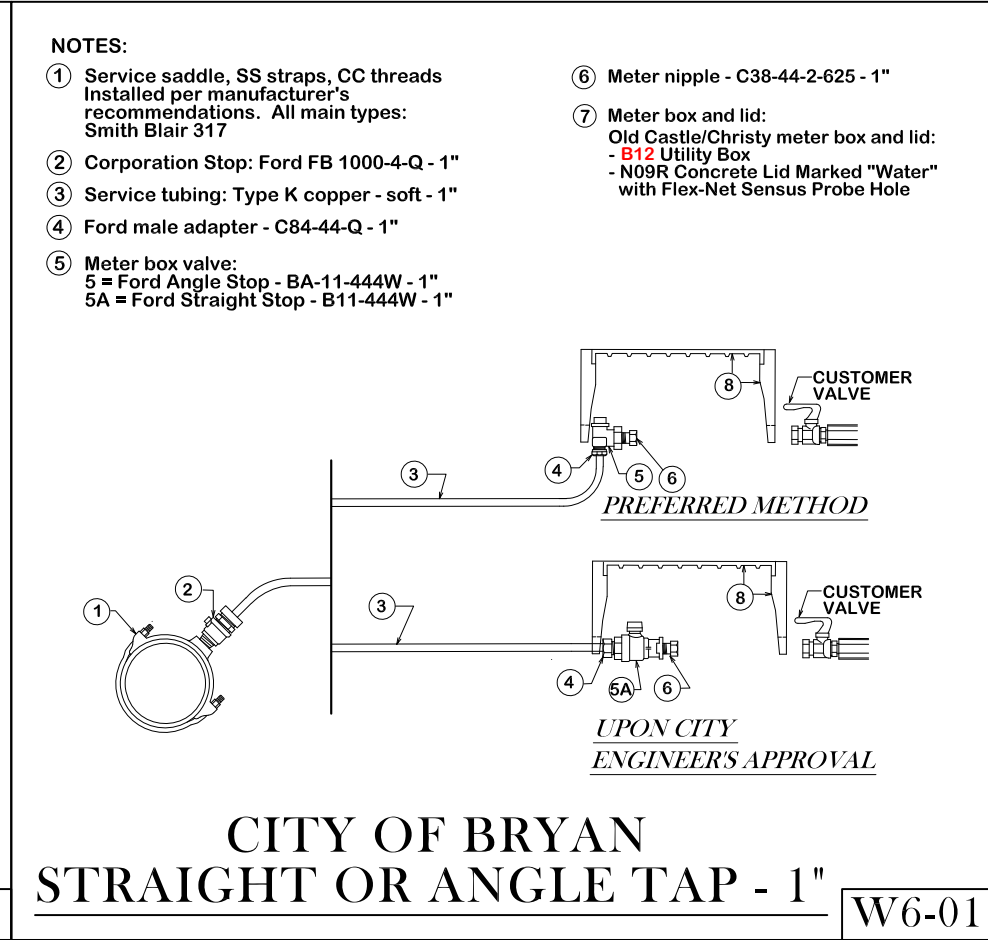
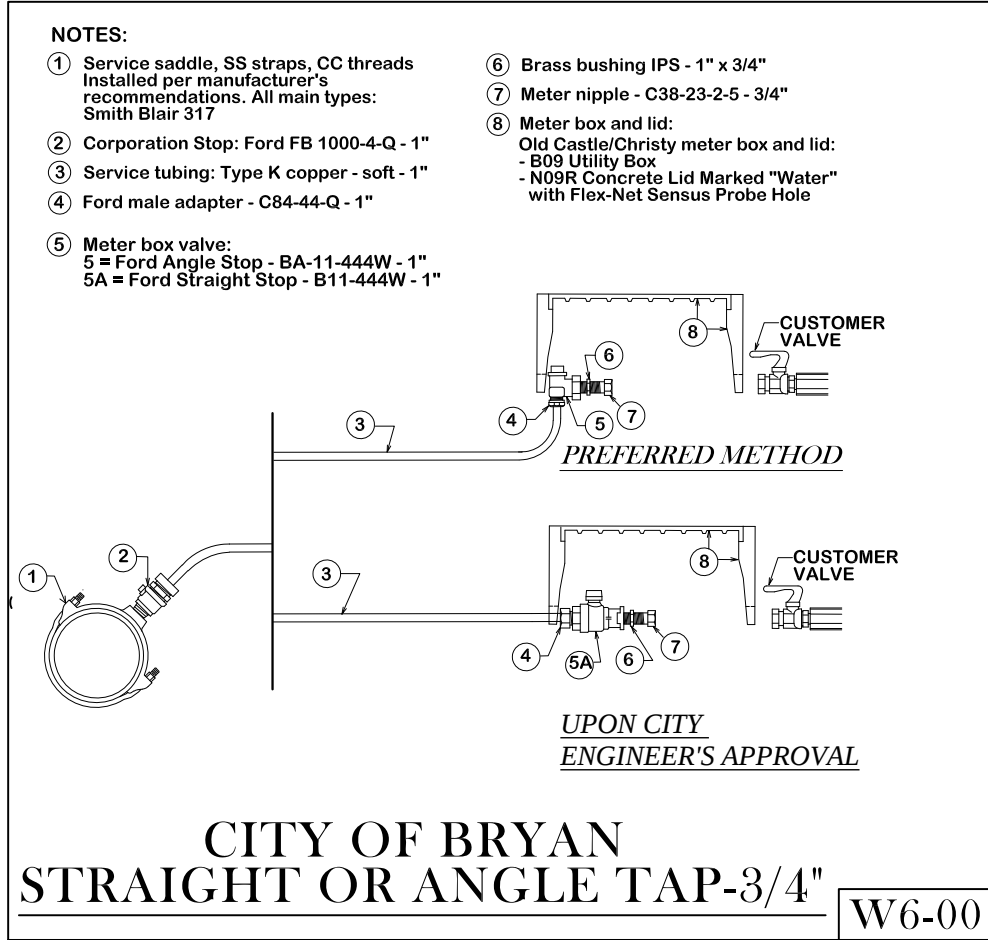
BRYAN - COLLEGE STATION
STANDARD SEWER DETAILS



CITY OF BRYAN
The Good Life, Texas Style.

DRAWN BY: K.L.
DATE: APR 2024
SCALE: N T S
APPROVED: W. P. K.

S2
SHEET 2 OF 2



BRYAN - COLLEGE STATION
STANDARD WATER DETAILS



DRAWN BY:
DATE:
SCALE:
APPROVED:

W2

REVISIONS:
7/1/2016 - Details W6-00 thru W6-04
Accepted for use by COB

