

CIVIL CONSTRUCTION PLANS FOR 4301 SUNBELT SANITARY SEWER EXTENSION ADDISON, TX



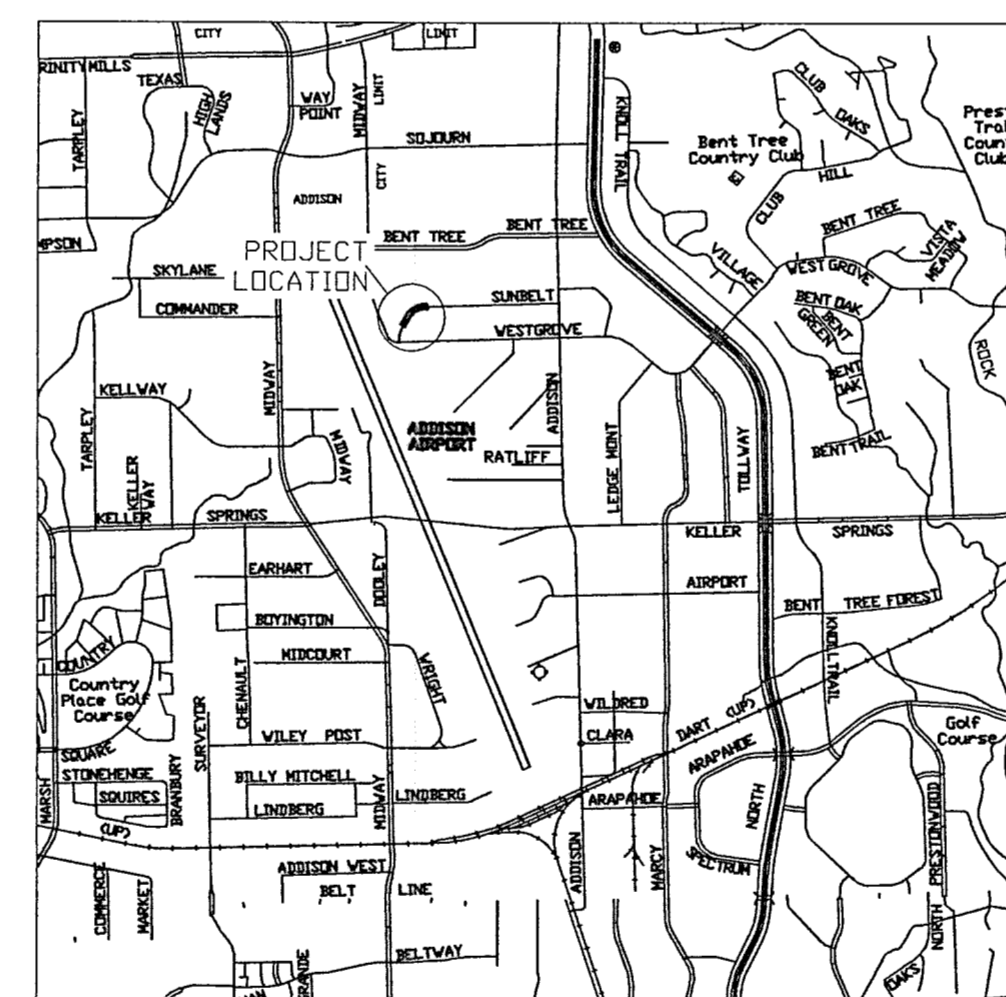
TOWN OF ADDISON PROJECT #: 14-06
 TOWN OF ADDISON BID #: 15-09

ENGINEER/SURVEYOR:

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 TBPLS Firm Registration No. 100467
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BLAKE CLEMENS	MAYOR PRO TEMPORE
JANELLE MOORE	DEPUTY MAYOR PRO TEMPORE
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LEA DUNN	CITY MANAGER
LISA PYLES	DIRECTOR OF INFRASTRUCTURE & DEVELOPMENT SERVICES
JASON SHROYER	ASSISTANT DIRECTOR OF INFRASTRUCTURE & DEVELOPMENT SERVICES



LOCATION MAP
 N.T.S.

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C1.0	GENERAL NOTES
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C3.0	SEWER DETAILS
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SUBMITTAL LOG

NO.	DATE	DESCRIPTION
1	10.11.2014	CONSTRUCTION SET REVIEW
2	10.27.2014	CONSTRUCTION SET REVIEW RESUBMITTAL
3	11.11.2014	ISSUED FOR BID
4	11.18.2014	ADDENDUM NO. 1 ISSUED

RECORD DRAWINGS

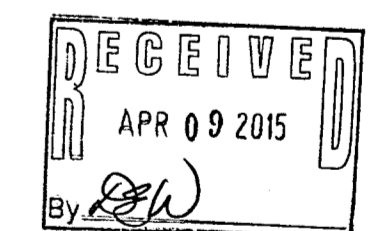
THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

COBB, FENDLEY & ASSOCIATES, INC.
 By: *Jenny Prazak* Date: 4/7/15

RECORD DRAWING

Date 04/07/15

Construction Inspector Town of Addison
 Contractor Wilson Contractor Services
 This drawing reflects the construction work of this project according to available information furnished to the Engineer during the progress of the construction.



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS TOTALLY RESPONSIBLE FOR COORDINATING THE LOCATION, AND PRESERVATION OF EXISTING DRY UTILITIES (ELECTRIC, TELEPHONE, CABLE, ETC.).

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFFSITE OF ANY EXISTING PAVING AND STRUCTURES REMOVED.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN NEAT AND ACCURATE CONSTRUCTION RECORD PLANS, AND TO PROVIDE THOSE PLANS TO THE ENGINEER AT THE CLOSE OF CONSTRUCTION. FINAL PAYMENT WILL NOT BE PROCESSED PRIOR TO THE RECEPTION AND ACCEPTANCE OF THE AS-BUILT PLANS.
4. WATER AND SEWER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF ADDISON, TEXAS STANDARDS AND SPECIFICATIONS.
5. ALL EXISTING TRAFFIC AND STREET SIGNS DISTURBED SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
6. CONNECTIONS TO EXISTING FACILITIES SHALL BE ACCOMPLISHED IN A NEAT AND PROFESSIONAL MANNER. WHEN FIELD CONDITIONS INDICATE ANY VARIANCE FROM DETAILED METHODS, THE CONTRACTOR SHALL PROVIDE COMPREHENSIVE AND DETAILED DRAWINGS (FOR APPROVAL) OF METHODS PROPOSED.
7. WATER SHALL NOT BE PERMITTED IN OPEN TRENCHES DURING CONSTRUCTION.
8. CONTRACTOR IS TO CONSTRUCT A STABILIZED CONSTRUCTION EXIT AT ALL PRIMARY POINTS OF ACCESS. THIS STABILIZED EXIT SHALL BE CONSTRUCTED PER TOWN DETAILS.
9. ANY WATER OR SANITARY SEWER SERVICE LOCATED OUTSIDE OF A STREET, ALLEY, OR EASEMENT SHALL BE INSTALLED BY A PLUMBER AND BE INSPECTED BY DEVELOPMENT SERVICES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A TRENCH SAFETY PLAN TO THE TOWN OF ADDISON, TEXAS, INFRASTRUCTURE AND DEVELOPMENT SERVICES AT THE TIME OF THE PRECONSTRUCTION MEETING, OR PRIOR TO BEGINNING CONSTRUCTION OF THESE IMPROVEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH TOWN STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION IN EXCESS OF FIVE FEET IN DEPTH. NO OPEN TRENCHES WILL BE ALLOWED OVERNIGHT WITHOUT THE PRIOR SPECIFIC WRITTEN APPROVAL OF THE TOWN OF ADDISON, TEXAS INFRASTRUCTURE AND DEVELOPMENT SERVICES DEPARTMENT. ON-SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
11. DURING CONSTRUCTION, ALL MATERIAL TESTING SHALL BE COORDINATED WITH THE TOWN OF ADDISON CONSTRUCTION INSPECTOR.
12. CONTRACTOR SHALL CONTACT THE TOWN ENGINEER TO LEARN OF ANY UNUSUAL CONSTRUCTION SEQUENCING REQUIREMENTS THE TOWN MAY REQUIRE.
13. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLYING WITH TOWN SPECIFICATIONS FOR PAVING CONSTRUCTION, COMPACTION REQUIREMENTS, AND SUBGRADE PREPARATION.
14. CONTRACTOR TO REVIEW DESIGN INTENT OF THESE PLANS AND SUBMIT REQUESTS-FOR-INFORMATION IN A TIMELY MANNER PRIOR TO COMMENCING THAT WORK.
15. ALL APPURTENANCES INSTALLED IN PAVEMENT AREAS SHALL BE ADJUSTED AS REQUIRED TO BE FLUSH WITH FINISHED PAVEMENT. ALL APPURTENANCES INSTALLED IN LANDSCAPE OR TURF AREAS SHALL BE ADJUSTED AS REQUIRED TO BE FLUSH WITH FINISHED GRADE.
16. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR IMPLEMENTING A TRAFFIC CONTROL PLAN IF NECESSARY. PLAN WILL REQUIRE APPROVAL FOR THE TOWN.

SANITARY SEWER

1. ALL MATERIALS AND WORKMANSHIP TO CONFORM TO THE REQUIREMENTS SET FORTH IN THE TOWN OF ADDISON, TEXAS "WATER SYSTEM REQUIREMENTS" MANUAL FOR GENERAL PROCEDURES FOR THE DESIGN OF WATER LINES.
2. IN THE EVENT AN ITEM IS NOT COVERED BY THIS MANUAL, THEN THE N.T.C.O.G. GENERAL SPECIFICATIONS COVERING SUCH ITEMS SHALL APPLY.
3. SEWER PIPE SHALL BE MINIMUM HDPE DR-26.
4. PLASTIC TAPE FOR UTILITY SERVICES SHALL BE ATTACHED TO THE ENDS OF ALL WATER AND SEWER SERVICE LINES AND EXTEND ABOVE GROUND LEVEL. THE TAPE SHALL MEET THE FOLLOWING SPECIFICATION:
 - 4.1. "ALLEN MARKING TAPE" OR APPROVED EQUAL.
 - 4.2. ROLL MARKED CONTINUOUSLY, "CAUTION WATER LINE" OR "CAUTION SEWER LINE".
 - 4.3. SIX (6) INCHES IN WIDTH.
 - 4.4. GREEN TAPE FOR SEWER SERVICES.
 - 4.5. BLUE TAPE FOR WATER SERVICES.
5. VIDEO TAPE OF SEWER LINE TO BE PROVIDED TO ASSISTANT DIRECTOR OF INFRASTRUCTURE AND DEVELOPMENT SERVICES, BY THE CONTRACTOR.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT LOCATIONS OF EXISTING PUBLIC AND PRIVATE UTILITIES AND SERVICES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL CALL 1-800-DIG-TESS FOR FIELD LOCATION OF EXISTING UTILITIES. CALL AT LEAST 48 HOURS BEFORE LOCATIONS ARE NEEDED. NOTE THAT THE DIG-TESS SERVICE DOES NOT LOCATE ALL UTILITIES, ONLY THOSE REGISTERED WITH THE SERVICE.
7. REFER TO SITE GRADING PLANS, PAVING PLANS, AND PLAN/PROFILE SHEETS FOR FINAL GRADES FOR DETERMINING PROPOSED MANHOLE RIM ELEVATIONS.
8. LOCATIONS AND SIZES OF EXISTING PUBLIC AND PRIVATE UTILITIES SHOWN ON THESE PLANS ARE FROM TOWN AND UTILITY COMPANY RECORDS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING ALL UTILITIES AND FOR DAMAGES RESULTING FROM FAILURE TO DO SO.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DIMENSIONED "RECORD" PLANS TO THE ENGINEER SHOWING THE LOCATION OF WATER AND SEWER SERVICES AND ANY DEVIATIONS FROM PLANS MADE DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN, COORDINATING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY SERVICES ENTERING THE BUILDING AND/OR CROSSING OTHER UTILITIES.
11. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE UTILITIES. ALL PUBLIC PIPE, STRUCTURES, AND FITTINGS SHALL BE INSPECTED BY THE TOWN INSPECTOR PRIOR TO BEING COVERED. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.
12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE TRENCH SAFETY DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A TRENCH EXCAVATION PROTECTION PLAN, SEALED BY A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF TEXAS, FOR ALL TRENCHES DEEPER THAN FIVE (5) FEET, AT THE PRECONSTRUCTION MEETING OR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
13. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, LATEST EDITION, AND ANY SPECIAL PROVISION AS APPROVED BY THE TOWN OF ADDISON, TEXAS.
14. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR ALL WATER AND SANITARY SEWER LINES AND OTHER UTILITIES.
15. EXISTING INVERT SHALL BE REWORKED IN SUCH A WAY THAT THE FLOW WILL NOT BE RESTRICTED ON THE EXISTING MANHOLE AND EXISTING MAIN NOR THE NEW MAN BEING CONNECTED AT THAT POINT. IF NECESSARY CONTRACTOR SHALL REMOVE EXISTING GROUT AND RE-GROUT BOTTOM OF MANHOLE (STA. 0+00) TO ENSURE UNOBSTRUCTED FLOW THROUGH THE MANHOLE.
16. REFER TO TNRC/TCEQ DESIGN GUIDELINES (CHAPTER 290) FOR ALL UTILITY CROSSINGS.
17. ALL WASTEWATER MAINS SHALL BE TESTED FOR INFILTRATION AND EXFILTRATION IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. VIDEO CAMERA INSPECTIONS, LOW PRESSURE AIR TESTING, VACUUM TESTING OF THE MANHOLES AND MANDREL TESTING ARE REQUIRED ON ALL SEWER LINES. IN ADDITION, ALL RESIDENTIAL AND COMMERCIAL WASTEWATER SERVICES SHALL HAVE VIDEO CAMERA INSPECTIONS. ALL VIDEO CAMERA INSPECTIONS SHALL INCLUDE AN INCLINATION STUDY. ALL TESTING SHALL BE COMPLETED, REVIEWED AND APPROVED BY THE TOWN OF ADDISON PRIOR TO ANY FINAL INSPECTIONS OR ISSUE OF CERTIFICATE OF OCCUPANCY.

COBBFENDLEY GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (LATEST EDITION), THE TOWN OF ADDISON STANDARDS, AND ANY SPECIAL PROVISIONS ADOPTED BY THE TOWN OF ADDISON, THE SUBDIVISION RULES AND REGULATIONS OF THE TOWN OF ADDISON (LATEST EDITION), THE PROJECT SPECIFICATION BOOK, AND THESE CONSTRUCTION PLANS. IN CASE OF CONFLICTING INFORMATION OR DETAILS, THE OWNER AND ENGINEER SHALL BE CONTACTED PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITY. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BY THE CONTRACTOR IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
3. ALL EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME THE DRAWINGS WERE PREPARED AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE TOWN. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ACCURATE. THE LOCATIONS SHOWN ARE FOR BIDDING PURPOSES ONLY. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BY THE CONTRACTOR IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 72 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION.
6. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE TOWN, ARCHITECT, AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE TOWN AND NOTIFICATION TO THE ARCHITECT AND THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE TOWN, ENGINEER, AND OWNER WAS NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM. WRITTEN APPROVAL WILL BE REQUIRED FROM THE TOWN FOR ANY CHANGES TO PLANS PRIOR TO CONSTRUCTION.
7. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
8. CONTRACTOR SHALL VERIFY BENCHMARKS AND DATUMS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS.
9. EXISTING CONTOURS AS SHOWN ON THIS PLAN WERE TAKEN FROM A FIELD TOPOGRAPHIC SURVEY PREPARED BY COBB, FENDLEY & ASSOCIATES, INC.
10. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
11. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ADJUSTMENTS, RELOCATIONS AND INSTALLATIONS OF FRANCHISE UTILITIES NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION.
12. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION FIELD STAKING AND TESTING, UNLESS SPECIFIED OTHERWISE BY THE OWNER.
13. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL REPLACE ANY FENCING, CURBING, ETC. THAT IS DESTROYED DUE TO THE CONSTRUCTION ACTIVITIES.
14. TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT A TRENCH SAFETY PLAN (SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS) TO THE TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES DEPARTMENT FOR REVIEW PRIOR TO THE START OF ANY UTILITY CONSTRUCTION.
15. ALL CONTRACTORS MUST COORDINATE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS ONTO DEVELOPED OR UNDEVELOPED AREAS WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
16. LIGHT POLES AND SIGNS SHALL NOT BE PLACED IN ADA ACCESSIBLE ROUTES OR ACCESSIBLE ACCESSIBLE AREAS.
17. ALL AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REGRADED AND LANDSCAPED OR PAVED (TO WHATEVER CONDITION EXISTED BEFORE DISTURBANCE). ALL DISTURBED AREAS SHALL BE REPAIRED TO THE SAME OR BETTER CONDITION THAN BEFORE AREA WAS DISTURBED.
18. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS. COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, AND EROSION CONTROL PLANS AND INSPECTION REPORTS (SWPPP).
19. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONTOURS SHOWN ON THE PLANS AND ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH THE CONSTRUCTION.
20. CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
21. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES (OR OTHER METHODS APPROVED BY THE ENGINEER AND TOWN) AS REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, OR LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION.
22. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS AS DIRECTED BY THE OWNER.
23. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY THE GRADING CONTRACTOR AT HIS EXPENSE.
24. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
25. WATER LINES CROSSING STORM SEWER LINES AND SANITARY SEWER LINES SHALL BE IN CONFORMANCE WITH ALL TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) SPECIFICATIONS.
26. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE UTILITIES. ALL PUBLIC PIPE STRUCTURES AND FITTINGS SHALL BE INSPECTED BY THE TOWN INSPECTOR PRIOR TO BEING COVERED. THE INSPECTOR MUST ALSO BE PRESENT DURING DISINFECTION AND PRESSURE TESTING OF ALL MAINS. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES. AS AN ALTERNATE, THE OWNER RESERVES THE RIGHT TO PAY THE INSPECTION FEES DIRECTLY TO THE TOWN.
27. TOP RIM ELEVATIONS OF ALL SANITARY SEWER MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE.
28. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE SANITARY SEWER.
29. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS CONSTRUCTION ACTIVITIES AT NO COST TO THE OWNER.
30. THESE PLANS, PREPARED BY COBBFENDLEY AND ASSOCIATES, INC. DO NOT EXTEND TO OR INCLUDE DESIGN OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM THAT MAY NOW OR HEREAFTER BE INCORPORATED IN THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
31. REFER TO SWPPP REPORT AND EROSION CONTROL PLANS FOR APPLICABLE NOTES.

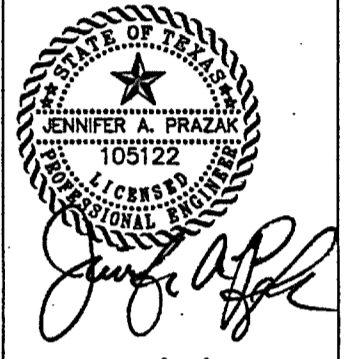
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COMMENT

DATE

NO.

REVISIONS



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TOWN OF ADDISON
 4301 SUNBELT SANITARY SEWER EXTENSION
GENERAL NOTES

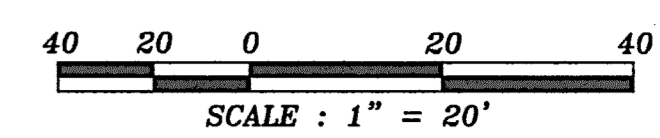
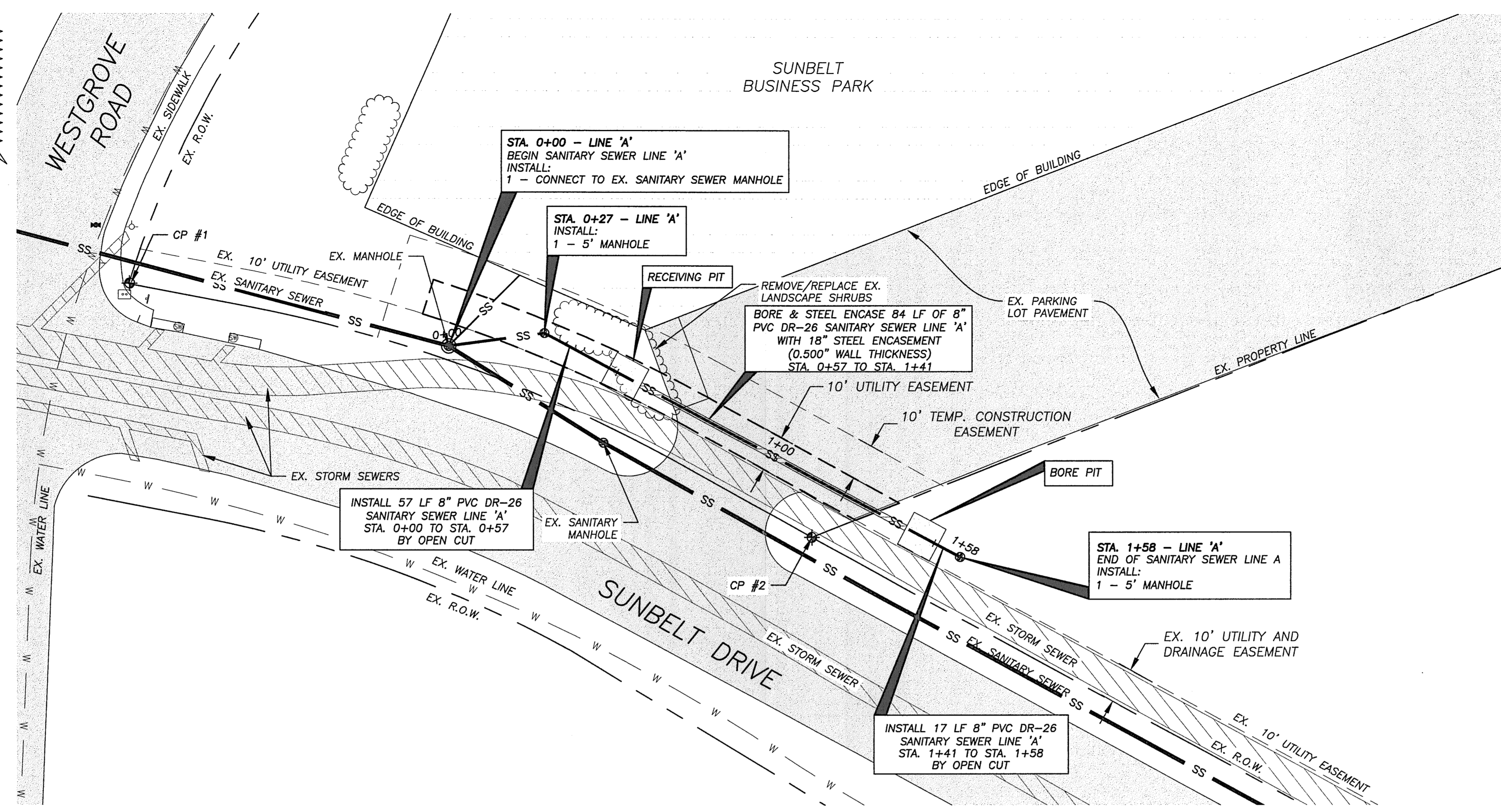
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DRAWN BY: MA	DESIGN BY: JP
JOB NUMBER: 1412-039-01 (04)	SHEET NO. C1.0 of 04
GENERAL NOTES.dwg	SHEET ID:

RECORD DRAWING
Date: 04/07/15
Construction Inspector: <u>Town of Addison</u>
Contractor: <u>Wilson Contractor Services</u>
This drawing reflects the construction work of this project according to available information furnished to the Engineer during the progress of the construction.

RECORD DRAWINGS
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 COBB, FENDLEY & ASSOCIATES, INC.
 By: J.A. Brazek Date: 4/7/15

C1.0

!!! WARNING !!!
 EXISTING UTILITIES IN THE AREA. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH THE PROVIDER PRIOR TO START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WHERE NECESSARY AND PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN). IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT THEIR OWN EXPENSE.

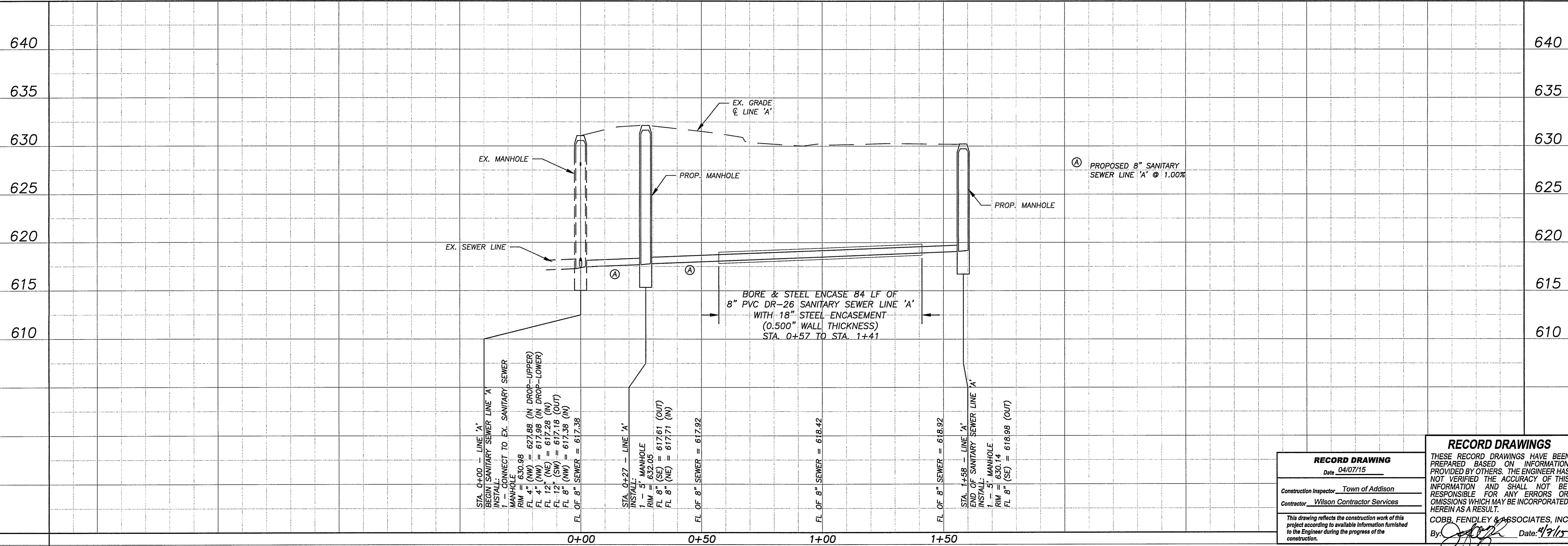
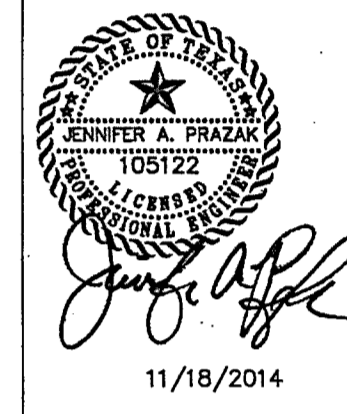


LEGEND	
R.O.W. / PROPERTY LINE	---
EXISTING EASEMENT	---
PROPOSED EASEMENT	---
EXISTING BUILDING FOOTPRINT	▨
EXISTING PAVEMENT	▨
EXISTING SANITARY SEWER	SS
PROPOSED SANITARY SEWER	SS
EXISTING WATER LINE	W
EXISTING STORM SEWER	▨

SANITARY SEWER NOTES

1. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES, TO INCLUDE SERVICE LATERALS SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES 48 HOURS PRIOR TO EXCAVATION AND TO PROTECT THE SAME DURING CONSTRUCTION. CONTRACTOR SHALL CALL THE TEXAS ONE CALL SYSTEM FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN TOWN EASEMENTS OR STREET RIGHT-OF-WAY AT 1-800-545-6005.
2. ALL WORK SHALL CONFORM WITH TOWN OF ADDISON SPECIFICATIONS.
3. CONTRACTOR SHALL CONTACT THE TOWN OF ADDISON AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION. DISRUPTION OF SERVICES SHALL BE COORDINATED WITH THE PROPERTY OWNER AND TOWN.
4. ALL WASTEWATER MAINS SHALL BE TESTED FOR INFILTRATION AND EXFILTRATION IN ACCORDANCE WITH STANDARD SPECIFICATIONS. VIDEO CAMERA INSPECTIONS, LOW PRESSURE AIR TESTING, VACUUM TESTING OF THE MANHOLES AND MANHOLE TESTING ARE REQUIRED ON ALL SEWER LINES.
5. ALL WASTEWATER LINES CROSSING WATER MAINS SHALL CONFORM TO THE REQUIREMENTS OF TCEQ CHAPTER 217, LATEST REVISION.
6. PROTECT EXISTING STRUCTURES FROM DAMAGE DURING CONSTRUCTION. PRIOR TO THE FINAL ACCEPTANCE OF THE PUBLIC MAINS, EXISTING STRUCTURES WILL BE INSPECTED FOR DAMAGE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE.
7. EXTEND ALL PROPOSED UTILITY MANHOLES, BOXES, COVERS, ETC. TO FINISHED GRADE.
8. PROPERTY SHALL BE RESTORED TO EXISTING CONDITION OR BETTER PRIOR TO FINAL ACCEPTANCE BY THE TOWN.

CONTROL POINT #1: IRF	
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ELEV:	627.75
CONTROL POINT #2: IRF	
N:	7043183.53
E:	2478649.34
ELEV:	629.58
STA.:	1+19.34 RT 14.59



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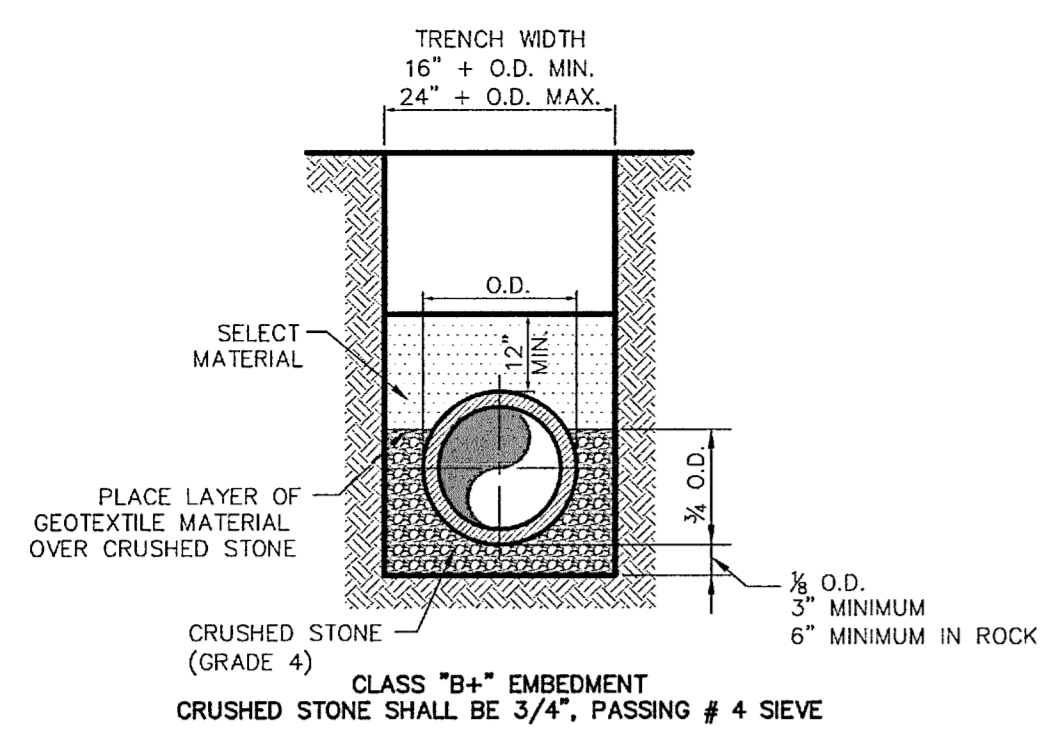
TOWN OF ADDISON
 4301 SUNBELT SANITARY SEWER EXTENSION
SANITARY SEWER LINE 'A'
 PLAN & PROFILE

RECORD DRAWING	
Date:	04/07/15
Construction Inspector:	Town of Addison
Contractor:	Wilson Contractor Services

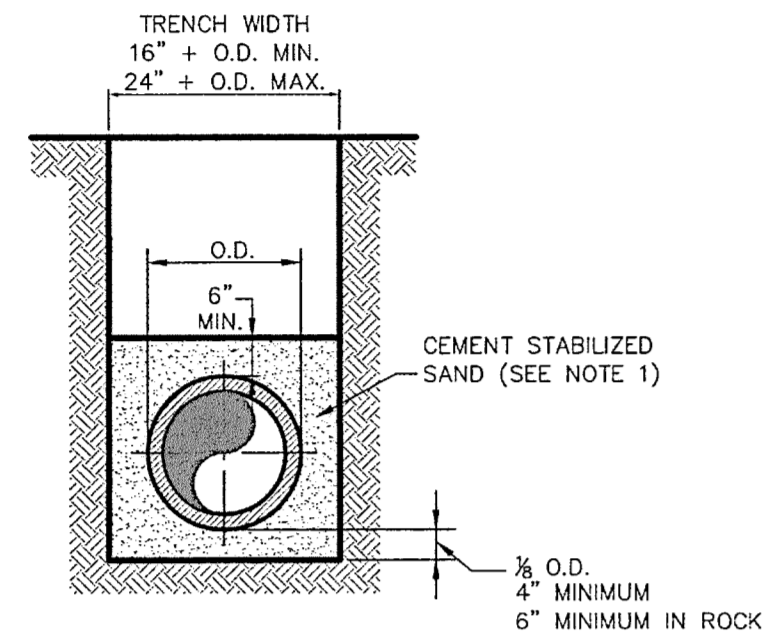
RECORD DRAWINGS
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 COBB, FENDLEY & ASSOCIATES, INC.
 By: *[Signature]* Date: 4/7/15

DATE:	11/18/2014
SCALE:	AS NOTED
DESIGN BY:	JP
CONTRACTOR:	MA
SHEET NO.:	C2.0 of 04
JOB NUMBER:	1412-039-01 (04)
SHEET ID:	Sewer_PP1.dwg

C2.0



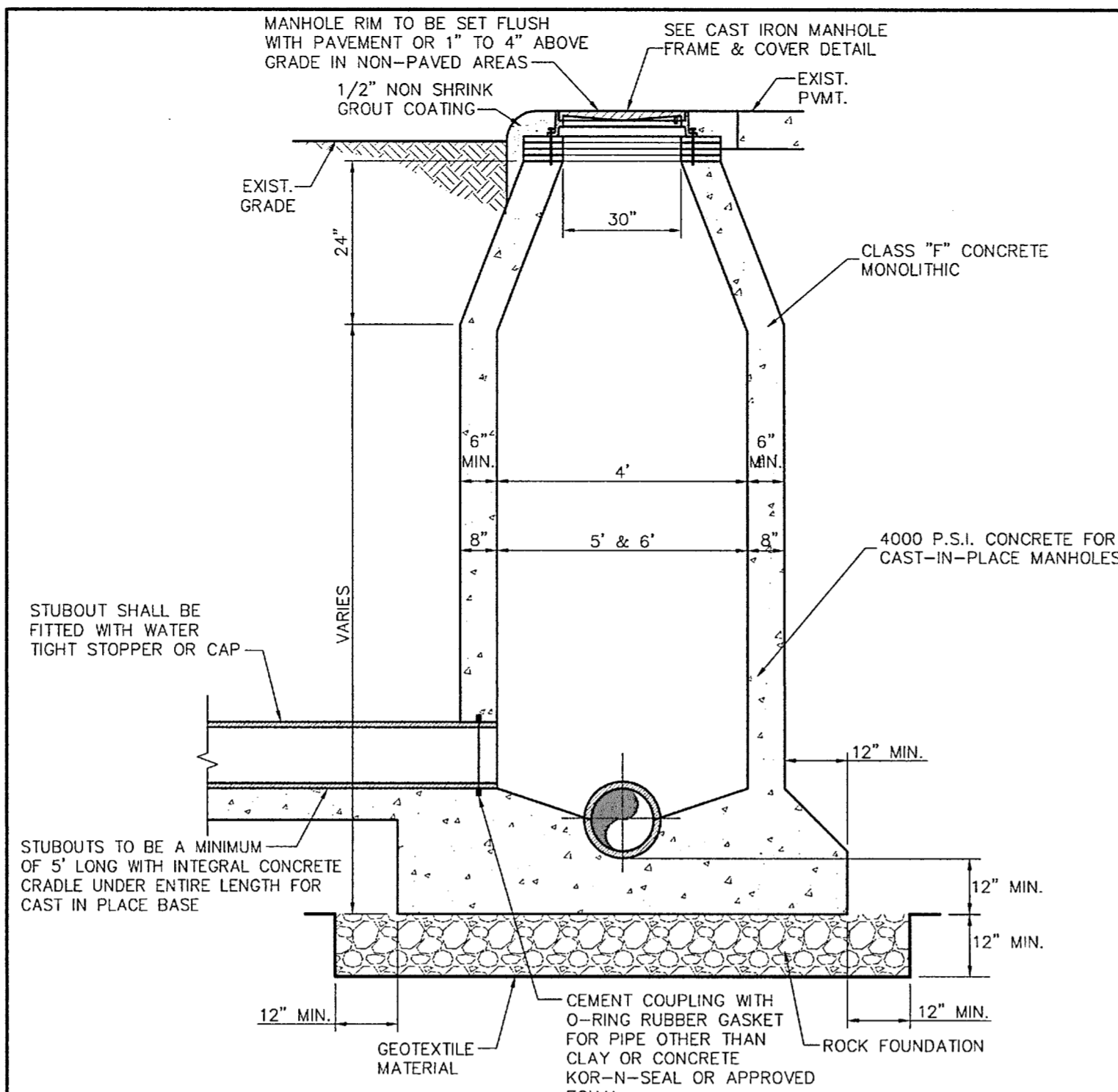
TYPICAL P.V.C. WASTEWATER MAIN EMBEDMENT



P.V.C. WASTEWATER MAIN CEMENT STABILIZED SAND EMBEDMENT

NOTE:
1. CEMENT STABILIZED SAND SHALL HAVE A MINIMUM OF 10% CEMENT PER CUBIC YARD OF CEMENT STABILIZED SAND MIXTURE, BASED ON LOOSE DRY WEIGHT VOLUME (AT LEAST 2.5 BAGS OF CEMENT PER CUBIC YARD OF MIXTURE). THE USE OF BROWN COLORING IN CEMENT STABILIZED SAND IS REQUIRED FOR PRESSURE RATED WASTEWATER MAIN AND LATERAL BEDDING.

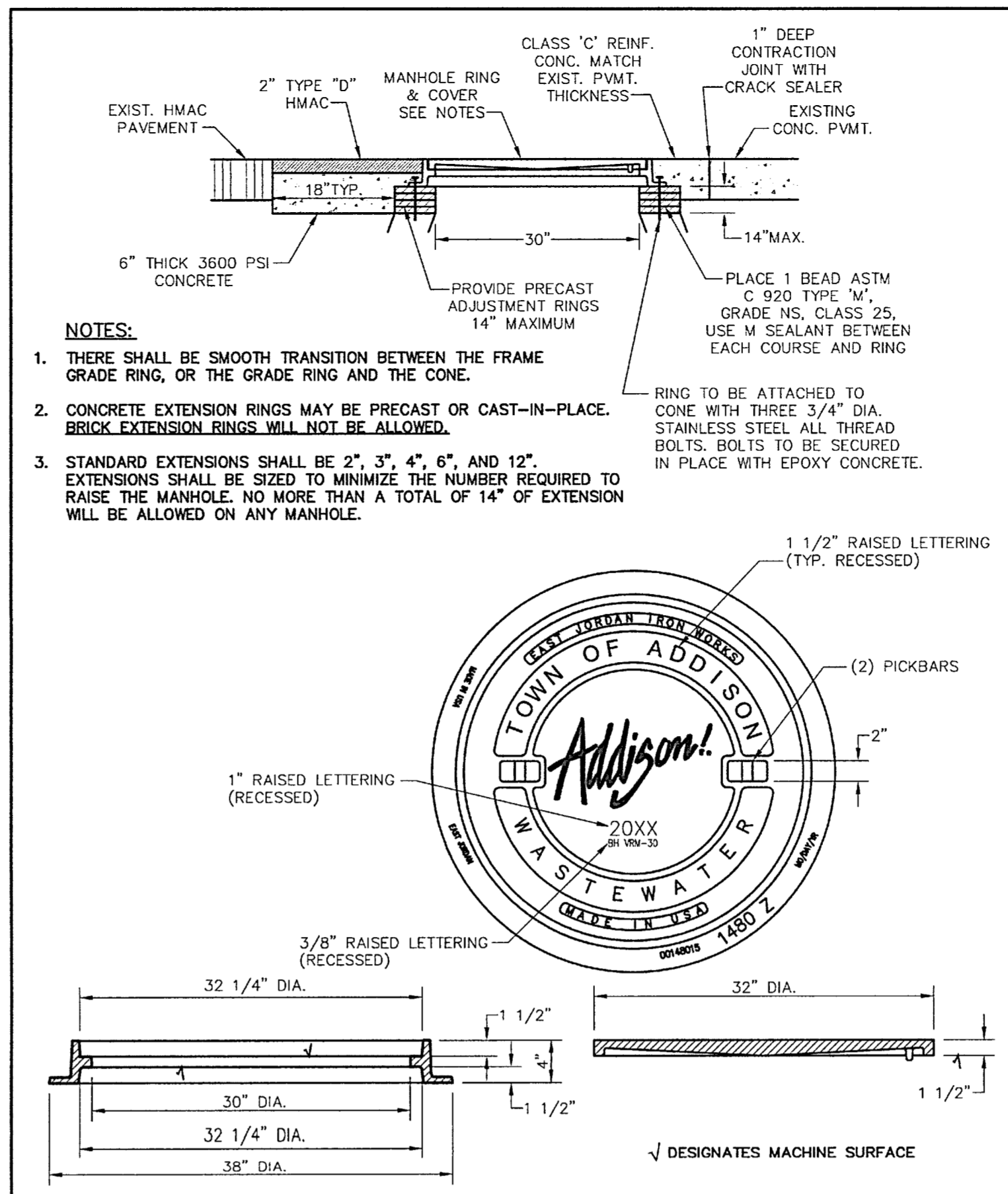
 PUBLIC WORKS DEPARTMENT	P.V.C. WASTEWATER MAIN EMBEDMENT	STANDARD CONSTRUCTION DETAILS WASTEWATER		
		DATE: AUGUST, 2010	REV DATE: -	SHEET: SD-WW01



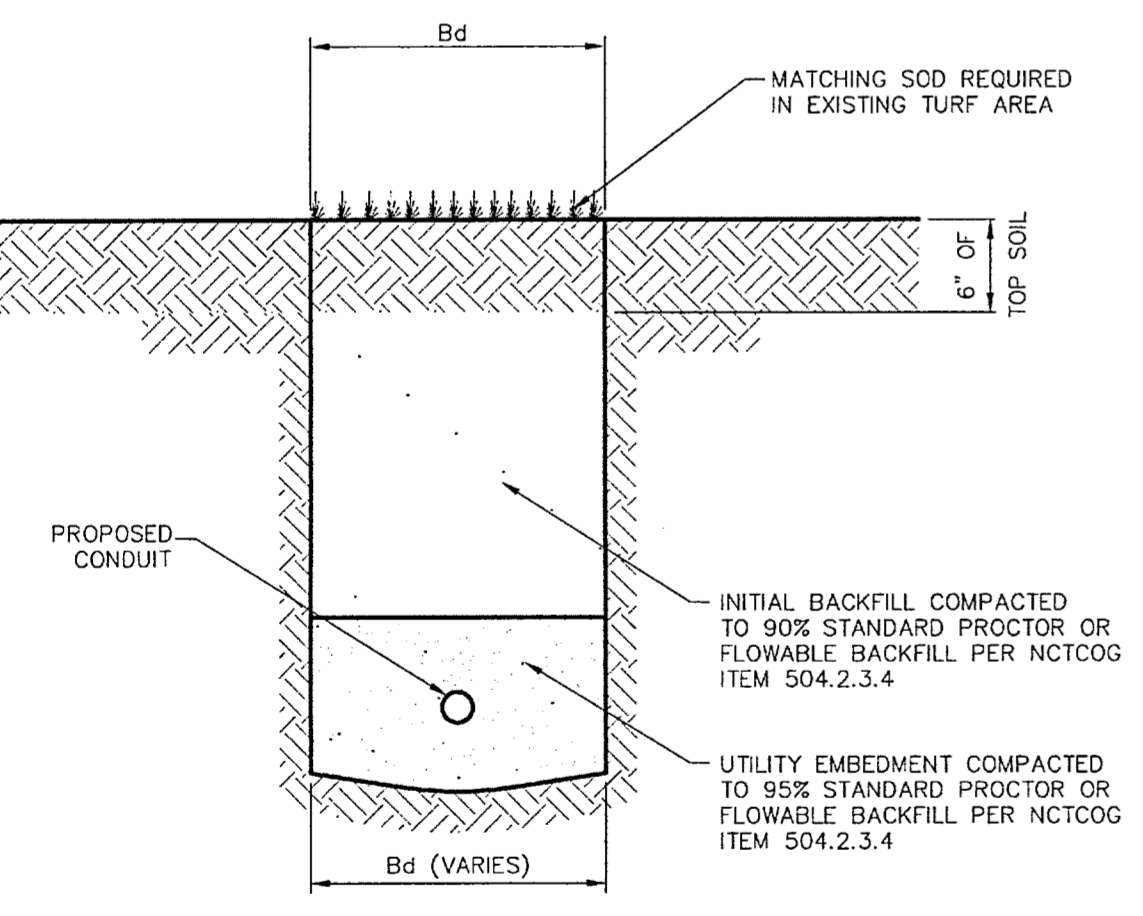
NOTES:
1. IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED, AND REMOVED PER WASTEWATER MANHOLE FALSE BOTTOM STD. DETAIL.
2. WHERE MANHOLE'S ARE OUTSIDE OF PAVEMENT, FRAME & COVER SHALL BE CENTERED IN 5'X5' CONCRETE PAD CLASS 'A' CONCRETE, 4" THICK
3. ALL MANHOLES SHALL PASS VACUUM TEST AS PER NCTCOG SPECIFICATIONS

CAST-IN-PLACE NOTES:
1. KEYWAYS REQUIRED FOR ALL CONSTRUCTION JOINTS.
2. P.V.C. WATER STOP REQUIRED FOR ALL JOINTS IN LOWER 4"-0" OF MANHOLES
3. CONCRETE SHALL BE 4000 P.S.I.

 PUBLIC WORKS DEPARTMENT	CAST-IN-PLACE MANHOLE	STANDARD CONSTRUCTION DETAILS WASTEWATER		
		DATE: AUGUST, 2010	REV DATE: -	SHEET: SD-WW04



 PUBLIC WORKS DEPARTMENT	CAST IRON MANHOLE FRAME AND COVER	STANDARD CONSTRUCTION DETAILS WASTEWATER		
		DATE: AUGUST, 2010	REV DATE: -	SHEET: SD-WW11

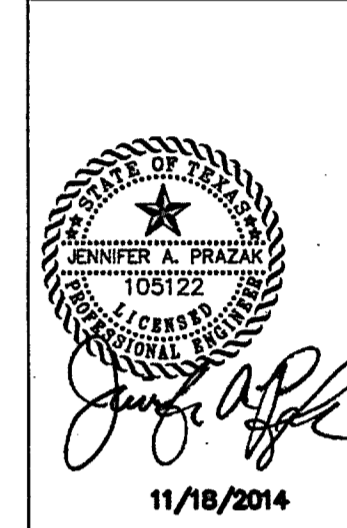


NOTES:
1. ALL DISTURBED AREAS SHALL BE SODDED (UNLESS OTHERWISE APPROVED).
2. BACKFILL AND EMBEDMENT PARTICLE SIZE SHALL NOT EXCEED 3" ANY DIRECTION.

UTILITY INSTALLATION WITHIN TURF AREAS

 PUBLIC WORKS DEPARTMENT	UTILITY INSTALLATION WITHIN TURF AREAS	STANDARD CONSTRUCTION DETAILS UTILITIES TRENCHLINE & STREET RESTORATION		
		DATE: AUGUST, 2010	REV DATE: -	SHEET: SD-U04

NO.	DATE	COMMENT



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TOWN OF ADDISON
 4301 SUNBELT SANITARY SEWER EXTENSION
 SEWER DETAILS
 PLAN & PROFILE

SCALE: N.T.S.	DATE: 11/18/2014	DESIGN BY: JP	SHEET NO.: C3.0 of 04	JOB NUMBER: 1412-039-07 (04)	SHEET ID: Details.dwg
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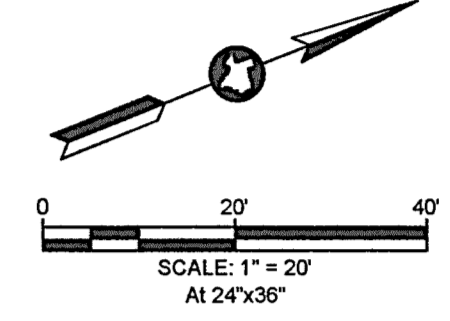
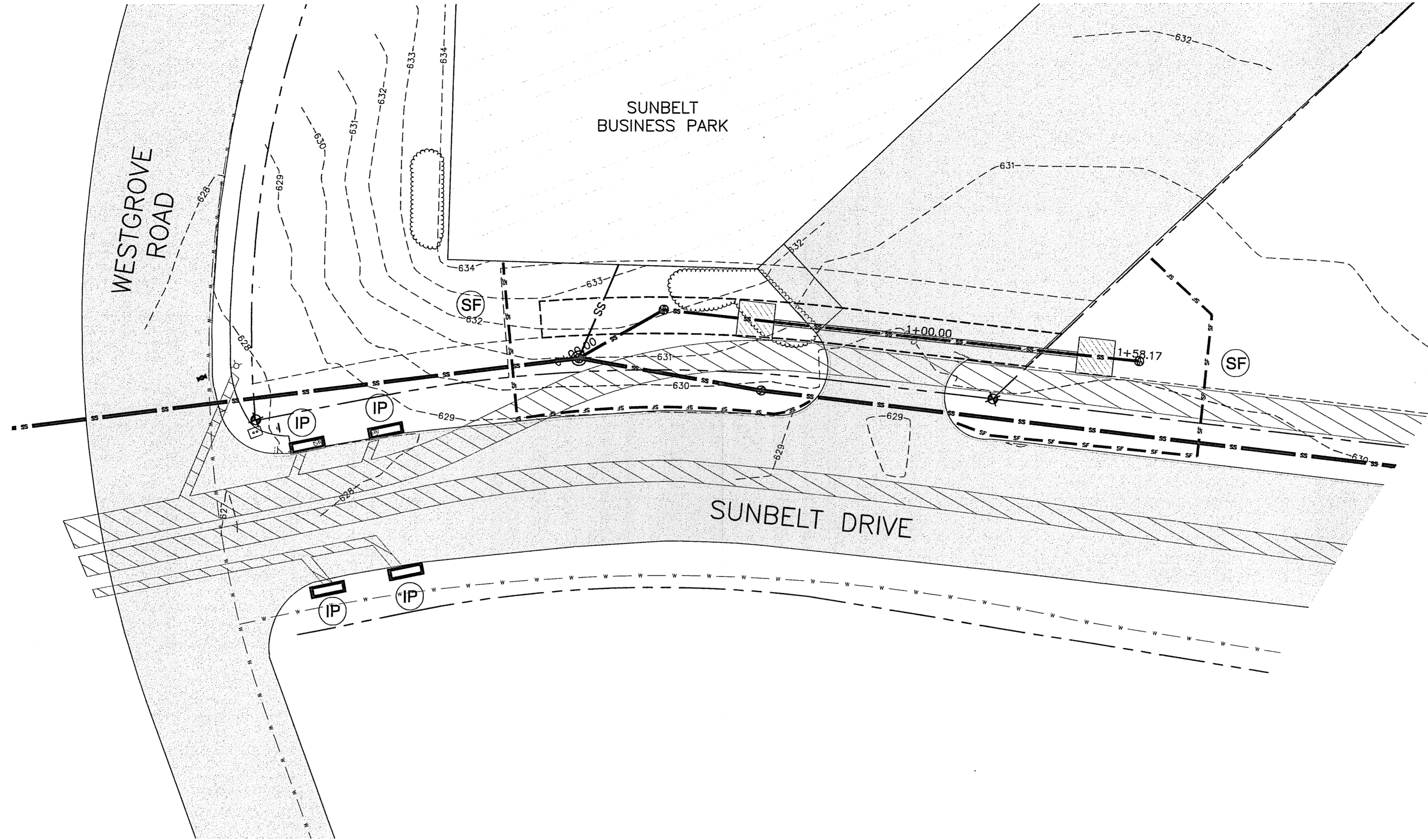
RECORD DRAWING
 Date: 04/07/15
 Construction Inspector: Town of Addison
 Contractor: Wilson Contractor Services
 This drawing reflects the construction work of this project according to available information furnished to the Engineer during the progress of the construction.

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 COBB, FENDLEY & ASSOCIATES, INC.
 By: Date: 4/7/15

SEWER DETAILS
C3.0

!!! WARNING !!!

EXISTING UTILITIES IN THE AREA. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH THE PROVIDER PRIOR TO START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WHERE NECESSARY AND PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN). IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT THEIR OWN EXPENSE.



STORM WATER POLLUTION PREVENTION NOTES

1. PRIOR TO CONSTRUCTION, MAKE CERTAIN THE NOTICE OF INTENT (NOI) OR CONSTRUCTION SITE NOTICE (CSN) HAS BEEN FILED AND POSTED ON-SITE FOR PUBLIC VIEWING AND THE TPDES REPORT AND SWPPP ARE AVAILABLE AT THE TRAILER.
2. INSTALL STORM WATER POLLUTION PREVENTION CONTROLS PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, EXCAVATION).
3. THE PLACEMENT OF STORM WATER POLLUTION PREVENTION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED STORM WATER POLLUTION PREVENTION CONTROL PLAN.
4. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR AND ENGINEER AFTER INSTALLATION OF THE STORM WATER POLLUTION PREVENTION CONTROLS AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK.
5. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE ENGINEER AS APPROPRIATE. MINOR CHANGES TO BE MADE AS FIELD REVISIONS TO THE STORM WATER POLLUTION PREVENTION CONTROL PLAN MAY BE REQUIRED BY THE ENGINEER DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.
6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT INTERVALS OF AT LEAST ONCE EVERY TWO (2) WEEKS AND IMMEDIATELY AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES.
7. PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF PROPERLY.
8. WHERE SILT FENCE CANNOT BE PROPERLY INSTALLED USE TRIANGULAR FILTRATION DIKE OR HAY BALES.
9. SOIL DISTURBANCES SHALL BE MINIMIZED BY EXPOSING ONLY THE SMALLEST PRACTICAL AREA OF LAND REQUIRED FOR THE CLEARING AND GRADING ACTIVITY AND FOR THE CONSTRUCTION ACTIVITY, FOR THE SHORTEST PRACTICAL PERIOD OF TIME.
10. STABILIZATION MEASURES WILL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND EXCEPT AS PROVIDED BELOW, WILL BE INITIATED NO MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
11. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN TWENTY-ONE (21) DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE.
12. TRAFFIC LEAVING THE CONSTRUCTION SITE WILL EXIT THROUGH A STABILIZED CONSTRUCTION EXIT AS LOCATED ON THE PLANS. WHEN SOILS HAVE COLLECTED ON THE STABILIZED VEHICULAR EXIT TO AN EXTENT WHICH REDUCES ITS INTENDED EFFECTIVENESS, THE SURFACE WILL BE CLEANED AND REESTABLISHED FOR THE INTENDED PURPOSE.
13. MUD/DIRT INADVERTENTLY TRACKED OFF-SITE AND ONTO PUBLIC STREETS SHALL BE REMOVED IMMEDIATELY.
14. PERMANENT EROSION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.
 - 14.1. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK) AND BETWEEN THE CURB AND RIGHT-OF-WAY LINE.
 - 14.2. THE SEEDING FOR PERMANENT EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS UNLESS SPECIFIED OTHERWISE BY THE PROJECT'S LANDSCAPE PLAN.
 - 14.2.A. BROADCAST SEEDING:
 - 14.2.A.A. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF 2 POUNDS PER 1000 SF OF UNHULLED BERMUDA AND 7 POUNDS PER 1000 SF OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.
 - 14.2.A.B. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF 2 POUNDS PER 1000 SF WITH A PURITY OF 95% WITH 85% GERMINATION.
 - 14.3. FERTILIZER SHALL BE A PELLETTED OR GRANULAR SLOW RELEASE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD OF ESTABLISHMENT AT A RATE OF 1 POUND PER 1000 SF. (O) MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1000 SF.
 - 14.4. MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1000 SF.
 - 14.4.A. HYDRAULIC SEEDING:
 - 14.4.A.A. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF 1 POUND PER 1000 SF OF UNHULLED BERMUDA AND 7 POUNDS PER 1000 SF OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.
 - 14.4.A.B. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF 1 POUND PER 1000 SF WITH A PURITY OF 95% WITH 85% GERMINATION.
 - 14.5. FERTILIZER SHALL BE A WATER SOLUBLE FERTILIZER WITH AN ANALYSIS OF 5-15-15 AT A RATE OF 1.5 POUNDS PER 1000 SF.
 - 14.6. MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1000 SF, WITH SOIL TACKIFIER AT A RATE OF 1.4 POUNDS PER 1000 SF.
 - 14.7. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES. THE IRRIGATION SHALL OCCUR AT TEN-DAY INTERVALS DURING THE FIRST TWO MONTHS RAINFALL OCCURRENCES OF 1/2 INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE WEEK. (COORDINATE WITH IRRIGATION PLAN).
 - 14.8. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1 1/2 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST.
 - 14.9. SEEDING SHALL APPLY TO ALL AREAS WITHIN DISTURBED PROJECT AREA NOT COVERED BY PAVEMENT, BUILDING PAD OR PROJECT LANDSCAPING PLANS INCLUDING RIGHTS-OF-WAY AND OFF-TO-ROAD EASEMENTS.
 - 14.10. AT LEAST TWO SEEDINGS SHOULD OCCUR DURING PROJECT. THEY SHOULD OCCUR WITHIN 14 DAYS AFTER PONDS ARE GRADED AND PRIOR TO BY FINAL PUNCH LIST.
 15. THE EPA GENERAL PERMIT REQUIRES THAT A TEMPORARY OR PERMANENT SEDIMENT BASIN BE INSTALLED IN ANY DRAINAGE LOCATION WHERE MORE THAN 10 ACRES IN THE UPSTREAM DRAINAGE ARE DISTURBED AT ONE TIME. THE SEDIMENT BASIN MUST PROVIDE AT LEAST 3,000 CUBIC FEET OF STORAGE FOR EVERY ACRE OF LAND, WHICH IT DRAINS. CONTRACTOR'S FILING OF NOTICE OF TERMINATION (NOT) SHALL OCCUR UPON TOWN OF ADDISON'S ACCEPTANCE OF REVEGETATION.

SPECIFICATIONS: STORM WATER POLLUTION PREVENTION PLAN

- FURNISH AND INSTALL TEMPORARY AND PERMANENT STORM WATER POLLUTION PREVENTION CONTROL MEASURES SHOWN IN THE PLANS. CONSTRUCT IMPROVEMENTS IN COMPLIANCE WITH THE INTENT OF SUCH POLLUTION CONTROL MEASURES, TPDES PERMITS, OR OTHER LOCAL WATERWAY DEVELOPMENT PERMITS.
- EXECUTION:
1. CONTRACTOR IS RESPONSIBLE FOR ALL POLLUTION PREVENTION MEASURES SHOWN IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
 2. SUBMIT A STORM WATER TPDES GENERAL PERMIT NOTICE OF INTENT (NOI) AT LEAST TWO DAYS PRIOR TO START OF CONSTRUCTION TO THE APPROPRIATE AGENCY SHOWN ON THE SWPPP.
 3. POST SIGNED AND COMPLETED NOI POSTING NOTICE OR CONSTRUCTION SITE NOTICE (CSN) AT CONSTRUCTION ENTRANCE FOR PUBLIC VIEWING, AND KEEP A COPY OF THE SWPPP AT THE JOB SITE AT ALL TIMES.
 4. INSTALL AND MAINTAIN POLLUTION CONTROL MEASURES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND WITH PROJECT SPECIFICATIONS.

EROSION CONTROL PLAN NOTES

1. ALL OPERATORS AND/OR CONTRACTORS SHALL CONFORM TO THE TERMS AND CONDITIONS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), TPDES GENERAL PERMIT NO. TXR 150000 ISSUED AND DATED MARCH 5, 2003.
2. THE NOTICE OF INTENT (NOI), AS REQUIRED BY THE GENERAL PERMIT, MUST BE PROPERLY DISPLAYED ON SITE AT ALL TIMES BY EACH OPERATOR.
3. ALL RELEASES OF THE REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES SHALL BE REPORTED IMMEDIATELY TO THE FACILITY OPERATOR, EPA AND TCEQ.
4. QUALIFIED OPERATOR PERSONNEL MUST INSPECT THE SITE AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS OF A STORM EVENT OF 0.5 INCHES OR GREATER. AS AN ALTERNATIVE, AN INSPECTION CAN BE CONDUCTED ONCE EVERY SEVEN (7) CALENDAR DAYS ON A DEFINED DAY. A DECISION ON WHICH METHOD TO USE MUST BE DECIDED BEFORE WORK BEGINS AND MUST BE FOLLOWED THROUGHOUT THE PROJECT.
5. MODIFICATIONS TO THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE IMPLEMENTED AND BE IN-PLACE WITHIN A SEVEN CALENDAR DAY PERIOD.
6. IF ANY CONTRACTOR SEES A VIOLATION BY AN OPERATOR OR ANOTHER CONTRACTOR, THAT OPERATOR OR CONTRACTOR IN VIOLATION SHALL BE NOTIFIED AS WELL AS THE FACILITY OPERATOR.
7. EROSION CONTROL SHALL BE INSTALLED PRIOR TO GRADING.
8. ACCUMULATED SILT DEPOSITS SHALL BE REMOVED FROM SILT FENCES AND HAY BALE DIKES WHEN SILT DEPTH REACHES THREE INCHES OR 25%.
9. THE CONTRACTOR SHALL ADD OR DELETE EROSION PROTECTION AT THE REQUEST AND DIRECTION OF THE OPERATOR OR TOWN.
10. AFTER INSTALLATION OF PAVEMENT, FINAL LOT BENCHING AND GENERAL CLEANUP, THE CONTRACTOR SHALL ESTABLISH GRASS GROUNDCOVER IN ALL STREET PARKWAYS, LOT AND ALL OTHER DISTURBED AREAS. SODDING SHALL BE DONE AS SPECIFIED BY SECTION 202.5 AND SEEDING AS SPECIFIED BY SECTION 202.6 OF THE OCTOBER 2004 OR LATEST EDITION OF NCTCOG STANDARD SPECIFICATION.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTROL AND LIMIT SILT AND SEDIMENT LEAVING THE SITE. SPECIFICALLY, THE CONTRACTOR SHALL PROTECT ALL PUBLIC STREETS, ALLEYS, STREAMS AND STORM DRAINAGE SYSTEMS FROM EROSION DEPOSITS.
12. A DRAINAGE AREA MAP WILL BE INCLUDED WITH THE EROSION CONTROL PLAN.
13. CONSTRUCTION WASTE DISPOSAL CONTAINERS SHALL BE PROVIDED ON THE SITE FOR DISPOSAL OF ALL NON-HAZARDOUS CONSTRUCTION WASTE MATERIALS. THE CONTAINERS SHALL BE HAULED TO LANDFILL BY THE CONTRACTOR.
14. ALL HAZARDOUS MATERIALS SHALL BE HANDLED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

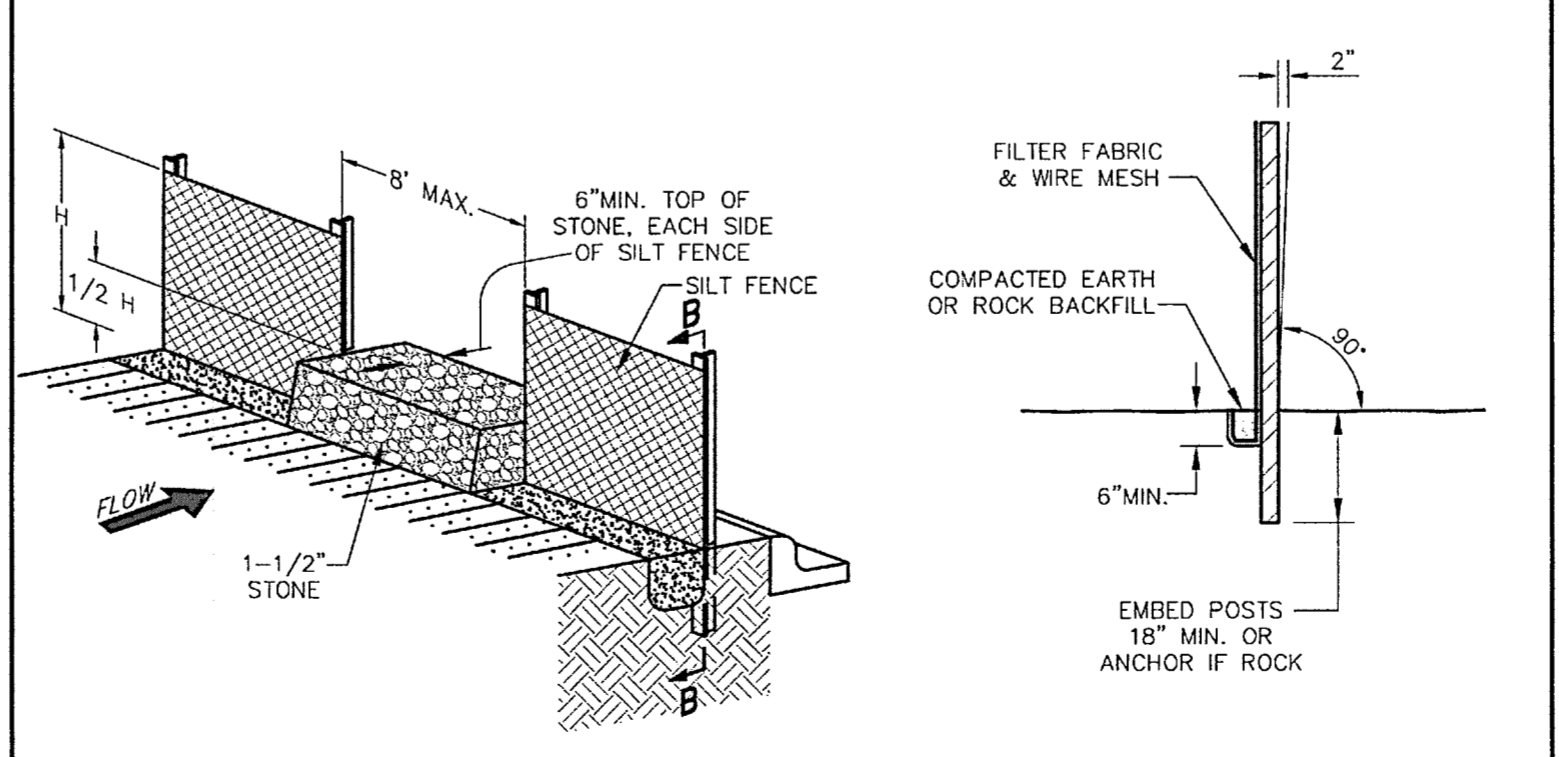
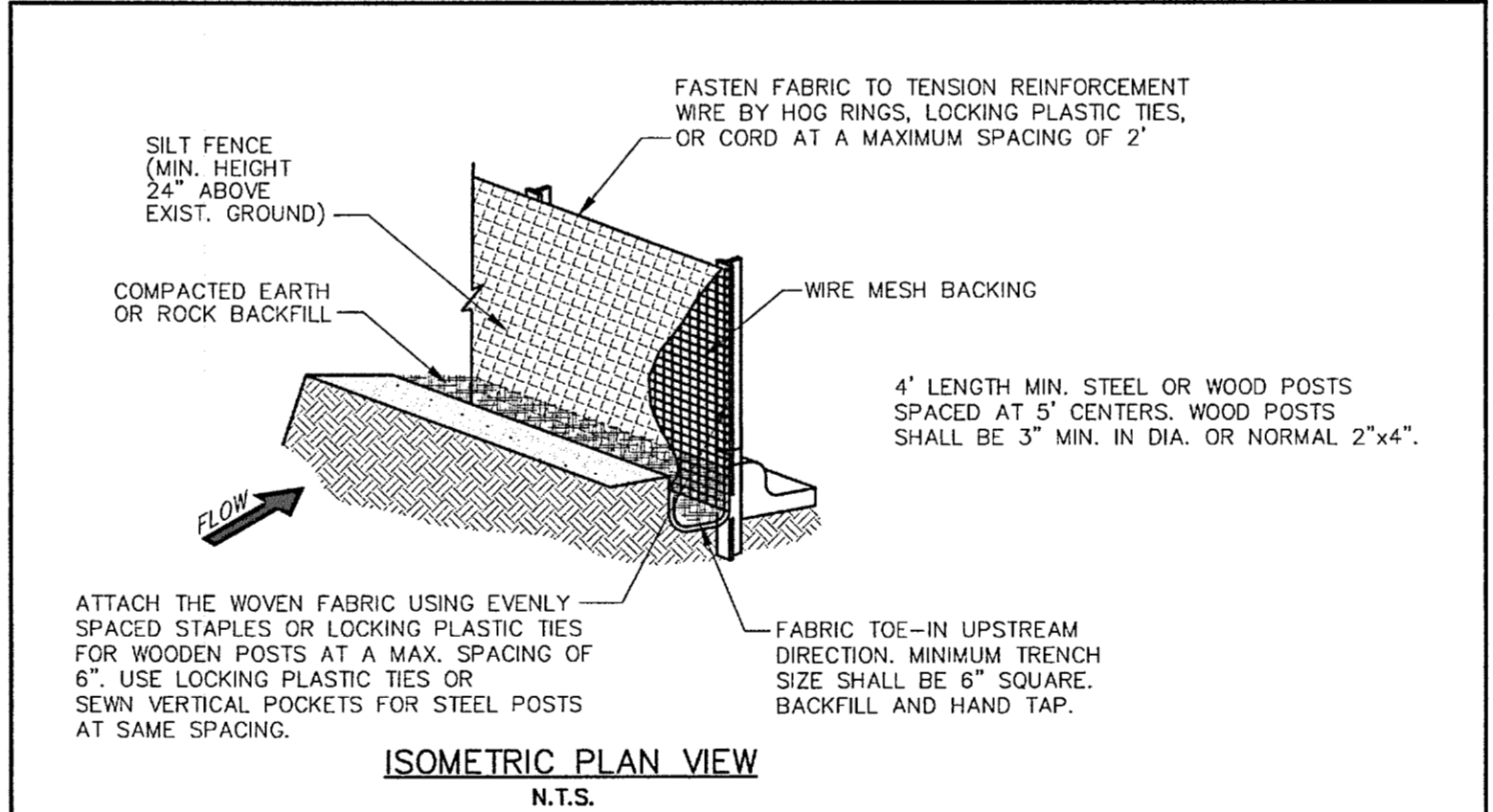
SILT FENCE NOTES

1. POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. THE POST MUST BE EMBEDDED A MINIMUM OF 18 INCHES.
2. THE TOP OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT), WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON THE UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE TRENCH AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHALL BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE SUPPORT POST. THERE SHALL BE A 6 INCH DOUBLE OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. INSPECTION SHALL BE MADE EVERY TWO WEEKS OR AFTER EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 3 INCHES. THE SILT SHALL BE FASTENED UP AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

Addison!
PUBLIC WORKS DEPARTMENT

EROSION CONTROL & SILT FENCE NOTES

STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
DATE:	REV. DATE:	SHEET:
AUGUST, 2010		SD-E001



Addison!
PUBLIC WORKS DEPARTMENT

SILT FENCE DETAIL

STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
DATE:	REV. DATE:	SHEET:
AUGUST, 2010		SD-E002

LEGEND

- R.O.W. / PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING BUILDING FOOTPRINT
- EXISTING PAVEMENT
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING WATER LINE
- EXISTING STORM SEWER
- (SF) SILT FENCE
- (IP) INLET PROTECTION

COMMENTS

NO.	DATE	REVISIONS

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TDELS Firm Registration No. 10467
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Frisco, Texas 75034
972.335.3214 | fax 972.335.3202 | www.cobbendley.com

11/18/2014

TOWN OF ADDISON
4301 SUNBELT SANITARY SEWER EXTENSION

SWPPP PLAN & DETAILS

DATE:	DESIGN BY:	SHEET NO.:	SHEET ID:
11/18/2014	MA	C4.0 of 04	SWPPP.dwg

RECORD DRAWING
Date: 04/07/15

Construction Inspector: *Town of Addison*
Contractor: *Wilson Contractor Services*

This drawing reflects the construction work of this project according to available information furnished to the Engineer during the progress of the construction.

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COBB, FENDLEY & ASSOCIATES, INC.
By: *[Signature]* Date: *4/15*

SWPPP PLAN & DETAILS
C4.0