

CIVIL CONSTRUCTION PLANS FOR OFF-SITE SANITARY SEWER

AMLI ADDISON 15250 QUORUM DRIVE TOWN OF ADDISON DALLAS COUNTY, TEXAS

TOWN PROJECT # 17-05

PLANS SUBMITTAL/REVIEW LOG

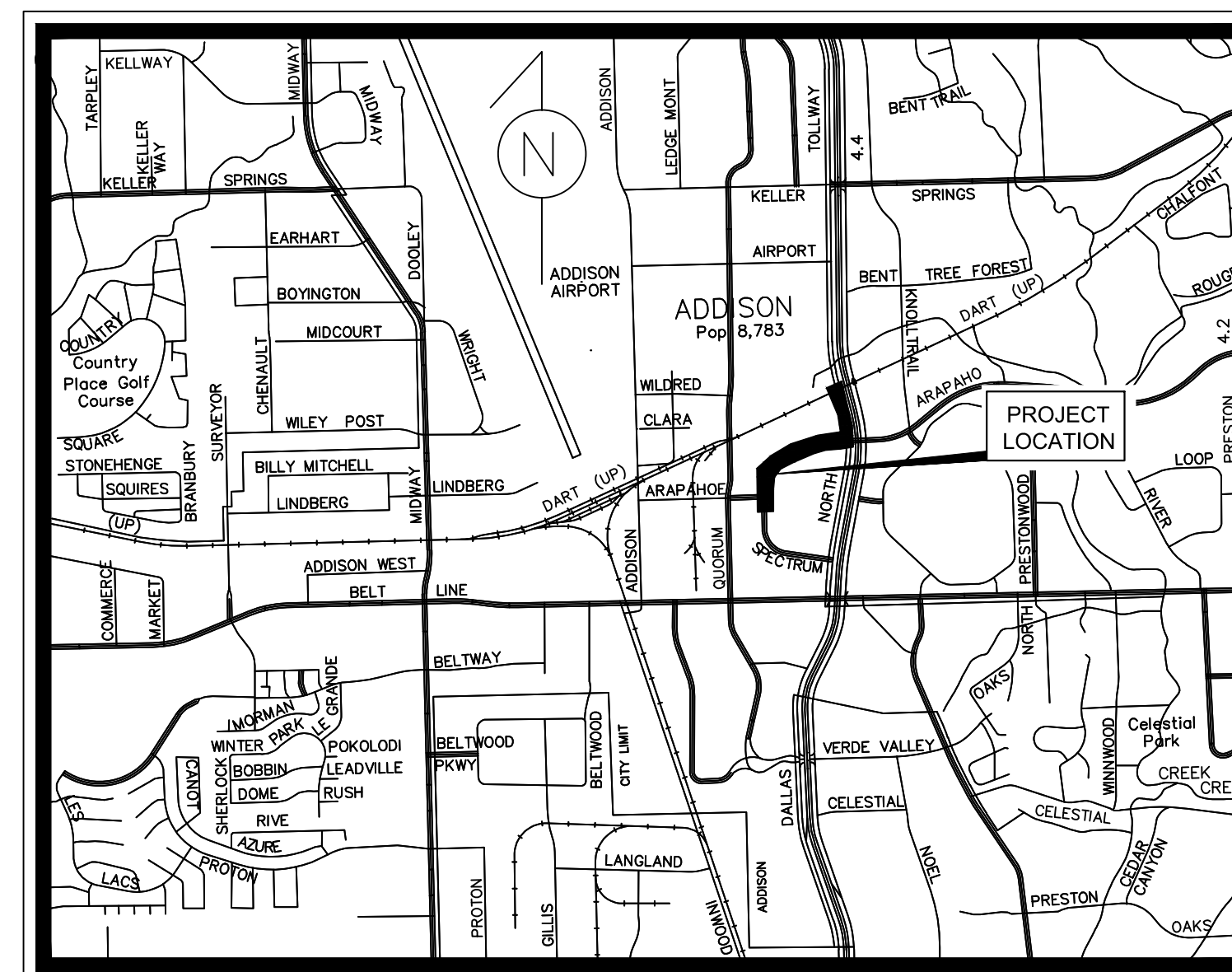
CIVIL ENGINEERING PACKAGE - NOT FOR CONSTRUCTION.	05/01/2017
CIVIL ENGINEERING PACKAGE SUBMITTAL 2 -NOT FOR CONSTRUCTION	06/02/2017
CIVIL ENGINEERING PACKAGE SUBMITTAL 3 -NOT FOR CONSTRUCTION	7/26/2017
CIVIL ENGINEERING PACKAGE SUBMITTAL 4 -FOR CONSTRUCTION (TOWN RELEASE)	8/14/2017
DART SUBMITTAL PACKAGE -NOT FOR CONSTRUCTION	8/23/2017

TOWN OF ADDISON CITY COUNCIL

TOWN HALL
5300 BELT LINE ROAD
ADDISON, TX 75254
(972) 450-7000

COUNCIL MEMBERS:

• JOE CHOW	MAYOR
• IVAN HUGHES	MAYOR PRO TEMPORE
• JIM DUFFY	DEPUTY MAYOR PRO TEMPORE
• AL ANGELL	COUNCIL MEMBER
• TOM BRAUN	COUNCIL MEMBER
• PAUL WALDEN	COUNCIL MEMBER
• LORI WARD	COUNCIL MEMBER



VICINITY MAP

SCALE: 1" = 2,000'

NOTES:

1. THE PROJECT SHALL MEET OR EXCEED THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR THE NCTCOG - NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (LATEST EDITION), THE TOWN OF ADDISON STANDARDS, AND ANY SPECIAL PROVISIONS ADOPTED BY THE TOWN OF ADDISON. TOWN OF ADDISON STANDARDS GOVERN OVER NCTCOG IN THE EVENT OF A CONFLICT.
2. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO CONTRACT COMPLETION AND THE FINAL CONNECTION OF SERVICES.
3. IF REPRODUCED, THE SCALES SHOWN ON THESE PLANS ARE BASED ON A 22" X 34" SHEET.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	DATE	REVISION
C-0	COVER SHEET	05/06/2019	
C-1	GENERAL NOTES	03/02/2016	
C-2	SEWER LINE A PLAN AND PROFILE	06/19/2018	
C-3	SEWER LINE A PLAN AND PROFILE	05/06/2019	
C-4	CONSTRUCTION DETAILS	03/02/2016	
C-5	CONSTRUCTION DETAILS	03/02/2016	
TCP-1	TRAFFIC CONTROL PLAN	08/14/2017	
TCP-2	TRAFFIC CONTROL PLAN	08/14/2017	
TCP-3	TRAFFIC CONTROL PLAN	08/14/2017	
TCP-4	TRAFFIC CONTROL PLAN	08/14/2017	
TCP-5	TRAFFIC CONTROL PLAN	08/14/2017	
TCP-6	TRAFFIC CONTROL PLAN	08/14/2017	

This drawing has been revised to show those changes during the construction process reported by the contractor to Kimley-Horn and Associates, Inc. and considered to be significant. This drawing is not guaranteed to be "As Built" but is based on the information made available.

Date: 05/06/2019

By: RYAN SAFFORD, P.E.

ENGINEER

Kimley»Horn

5750 GENESIS COURT SUITE 200
FRISCO, TEXAS 75034
PH. (972) 335-3580
CONTACT: RYAN SAFFORD, P.E.
RYAN.SAFFORD@KIMLEY-HORN.COM

OWNER/DEVELOPER

AMLI RESIDENTIAL
5057 KELLER SPRINGS ROAD
SUITE 250
ADDISON, TX 75001
CONTACT: TAYLOR BOWEN

MAY 2019



Know what's below.
Call before you dig.



This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Release of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE IN GENERAL ACCORDANCE WITH THESE PLANS, TOWN OF ADDISON, TX STANDARD SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFFSITE OF ANY EXISTING PAVING AND STRUCTURES REMOVED.
4. BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WHERE PROPOSED UTILITIES ARE BEING CONNECTED.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN NEAT AND ACCURATE CONSTRUCTION RECORD PLANS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEYING.
7. WATER AND SEWER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF ADDISON, TX STANDARDS AND SPECIFICATIONS.
8. ALL EXISTING TRAFFIC AND STREET SIGNS DISTURBED SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES, UTILITIES, AND SERVICES PRIOR TO EXCAVATION AND CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES FOR THE RELOCATION OF ANY EXISTING UTILITIES.
11. CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
12. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND REVIEW ALL FIELD CONDITIONS, INCLUDING EXISTING GRADES AND UTILITY FLOW LINES, AND SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
13. 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.
14. ALL EXISTING SHRUBS, TREES, PLANTING, AND OTHER VEGETATION, OUTSIDE OF PROPERTY LIMITS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
15. THE CONTRACTOR SHALL CONSTRUCT SILT SCREENS OR OTHER APPROVED DEVICES PRIOR TO CONSTRUCTION TO PREVENT ADVERSE SITE IMPACT OF STORM WATER QUALITY, AS REQUIRED BY THE TOWN OF ADDISON, TX.
16. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS OFFSITE FROM THE EXISTING ROADWAYS AND PROJECT SITE THAT ARE A RESULT OF THE PROPOSED CONSTRUCTION AS REQUESTED BY THE TOWN OF ADDISON, TX.
17. CONNECTIONS TO EXISTING FACILITIES SHALL BE ACCOMPLISHED IN A NEAT AND PROFESSIONAL MANNER.
18. WATER SHALL NOT BE PERMITTED IN OPEN TRENCHES DURING CONSTRUCTION.
19. CONTRACTOR SHALL CONTACT THE TOWN INFRASTRUCTURE DEPARTMENT'S INSPECTOR ASSIGNED TO THIS PROJECT AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION.
20. CONTRACTOR IS RESPONSIBLE FOR GRASSING DISTURBED AREAS FROM BACK OF CURB TO THE RIGHT-OF-WAY AND AREAS OTHERWISE SPECIFIED ON THE PLANS.
21. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP WITH A MIN. ALLOWABLE STRENGTH OF 4,200 PSI.
22. ALL PRIVATE LANDSCAPE AREA DRAINS SHALL BE OF MATERIAL APPROVED BY BOTH ENGINEER AND TOWN OF ADDISON, TX.
23. CONTRACTOR IS TO CONSTRUCT A STABILIZED CONSTRUCTION EXIT AT ALL PRIMARY POINTS OF ACCESS.
24. ANY WATER OR SANITARY SEWER SERVICE LOCATED OUTSIDE OF A STREET, ALLEY, OR EASEMENT SHALL BE INSTALLED BY A PLUMBER AND BE INSPECTED BY CODE ENFORCEMENT.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A TRENCH SAFETY PLAN TO THE TOWN OF ADDISON, TX INFRASTRUCTURE DEPARTMENT AT THE TIME OF THE PRECONSTRUCTION MEETING.
26. DURING CONSTRUCTION, ALL MATERIAL TESTING SHALL BE COORDINATED WITH THE TOWN OF ADDISON, TX'S CONSTRUCTION INSPECTOR.
27. CONTRACTOR SHALL CONTACT THE TOWN ENGINEER, OR HIS DESIGNER, TO LEARN OF ANY UNUSUAL CONSTRUCTION SEQUENCING REQUIREMENTS THE TOWN MAY REQUIRE.
28. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLYING WITH TOWN SPECIFICATIONS FOR PAVING CONSTRUCTION, COMPACTION REQUIREMENTS, AND SUBGRADE PREPARATION.
29. CONTRACTOR TO REVIEW DESIGN INTENT OF THESE PLANS AND SUBMIT REQUESTS-FOR-INFORMATION IN A TIMELY MANNER PRIOR TO COMMENCING THAT WORK.
30. ALL APPURTENANCES INSTALLED IN PAVEMENT AREAS SHALL BE ADJUSTED AS REQUIRED TO BE FLUSH WITH FINISHED PAVEMENT.
31. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR IMPLEMENTING THE TRAFFIC CONTROL PLAN.

STORM DRAINAGE

- 1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE TRENCH SAFETY DURING ALL PHASES OF CONSTRUCTION.
2. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER.
3. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER.
4. THE INSPECTOR SHALL INSPECT ALL "PUBLIC" CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION.
6. ALL PVC TO RCP CONNECTIONS SHALL BE CONSTRUCTED WITH CONCRETE COLLARS.
7. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS, LATEST EDITION, AND ANY SPECIAL PROVISION AS APPROVED BY THE TOWN OF ADDISON, TX.
8. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR ALL STORM SEWER LINES AND OTHER UTILITIES.
9. EMBEDMENT FOR ALL ONSITE SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER TOWN OF ADDISON, TX STANDARD DETAILS.
10. REFER TO TNRC/TCQ DESIGN GUIDELINES (CHAPTER 290) FOR ALL UTILITY CROSSINGS.

GRADING

- 1. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREAS REFLECT TOP OF PAVEMENT SURFACE.
2. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION.
4. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
5. BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF PAVEMENT AND OTHER ITEMS ESTABLISHED BY THE PLANS.
6. THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC.
7. GRADING CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS.
8. TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN APPROVED AGENCY FOR TESTING MATERIALS.
9. CONTRACTOR SHALL CALL 1-800-DIG-TESS AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION.
10. PROPOSED CONTOURS ARE APPROXIMATE.
11. REFER TO SITE PLAN AND FINAL PLAT FOR HORIZONTAL DIMENSIONS.
12. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
13. NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE.
14. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO COMMENCING CONSTRUCTION.
15. AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING.

PAVING

- 1. BARRIER FREE RAMPS SHALL BE CONSTRUCTED PER PROWAG (2011) STANDARDS.
2. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT ADDITION OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
3. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS.
4. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT INFORMATION.
5. REFER TO GEOTECHNICAL REPORT FOR REINFORCEMENT STEEL.
6. FIRE LANES SHALL BE DESIGNATED BY CONTINUOUS PAINTED LINES SIX (6) INCHES IN WIDTH ON EACH SIDE OF THE FIRE LANE STARTING AT THE ENTRANCE FROM THE STREET AND TO BE CONTINUED TO THE EXIT.
7. FIRE LANES ADJACENT TO CURBS SHALL BE OUTLINED BY A SIX (6) INCH WIDE RED STRIP WITH FOUR (4) INCH LETTERS PAINTED BRIGHT WHITE IN COLOR ALONG THE CURB'S GUTTER LINE.
8. THE WORDS "FIRE LANE" AND "NO PARKING" SHALL BE STENCILED IN FOUR (4) INCH HIGH WHITE LETTERS ALTERNATELY EVERY FIFTEEN (15) FEET ALONG THE RED FIRE LANE STRIPES.
9. ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT OF 1990 AND PROWAG (2011).
10. REFERENCE PROWAG OR TXDOT STANDARD CONSTRUCTION DETAILS FOR HANDICAP RAMP AND OTHER PAVING DETAILS.
11. REFERENCE LANDSCAPE PLANS FOR LOCATION AND TYPE OF HANDICAP RAMPS TO BE PROVIDED AND FOR FLATWORK.
12. SIDEWALKS ADJACENT TO CURB SHALL BE CONNECTED TO BACK OF CURB USING LONGITUDINAL BUTT JOINT PER TOWN OF ADDISON STANDARD DETAIL.
13. UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE LOCATED OUT OF THE PEDESTRIAN AND AUTOMOBILE ROUTES AND SHALL BE LOCATED BETWEEN THREE TO FIVE FEET BEHIND THE NEAREST BACK OF CURB.
14. UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED.
15. CONTRACTOR RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT.
16. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE HANDICAPPED ROUTES (PER A.D.A. & T.A.S) EXIST TO AND FROM EVERY DOOR.
17. REFER TO GEOTECHNICAL REPORT FOR SOIL COMPACTION SPECIFICATION.

WATER AND SANITARY

- 1. IN THE EVENT AN ITEM IS NOT COVERED BY THIS MANUAL, THEN THE N.C.T.C.O.G. GENERAL SPECIFICATIONS COVERING SUCH ITEMS SHALL APPLY.
2. WATER MAINS SHALL BE PVC C-900 DR 18, EXCEPT WHEN OTHERWISE NOTED.
3. SEWER PIPE SHALL BE MINIMUM SDR 35 PVC, ULTRA RIB PVC SDR 26, OR DR 21 HDPE.
4. WATER MAINS SHALL HAVE THE FOLLOWING MINIMUM COVER BELOW STREET GRADES:
5. PLASTIC TAPE FOR UTILITY SERVICES SHALL BE ATTACHED TO THE ENDS OF ALL WATER AND SEWER SERVICE LINES AND EXTEND ABOVE GROUND LEVEL.
6. VIDEO TAPE OF SEWER LINE TO BE PROVIDED TO TOWN OF ADDISON DIRECTOR OF INFRASTRUCTURE.
7. FIRE HYDRANTS SHALL BE LOCATED BETWEEN 3' AND 6' FROM THE BACK OF CURB.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT LOCATIONS OF EXISTING PUBLIC AND PRIVATE UTILITIES AND SERVICES PRIOR TO COMMENCING CONSTRUCTION.
9. REFER TO OFFSITE SEWER PLANS FOR DETERMINING PROPOSED MANHOLE RIM ELEVATIONS.
10. LOCATIONS AND SIZES OF EXISTING PUBLIC AND PRIVATE UTILITIES SHOWN ON THESE PLANS ARE FROM TOWN AND UTILITY COMPANY RECORDS ONLY.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "RECORD" PLANS TO THE ENGINEER AND TO THE TOWN OF ADDISON SHOWING THE LOCATION OF WATER AND SEWER SERVICES AND ANY DEVIATIONS FROM PLANS MADE DURING CONSTRUCTION.
12. 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.
13. ALL WATER AND SANITARY SEWER SERVICES SHALL TERMINATE FIVE (5) FEET OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE.
14. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE UTILITIES.
15. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE TRENCH SAFETY DURING ALL PHASES OF CONSTRUCTION.
16. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS, LATEST EDITION, AND ANY SPECIAL PROVISION AS APPROVED BY THE TOWN OF ADDISON, TX.
17. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR ALL WATER AND SANITARY SEWER LINES AND OTHER UTILITIES.

FLOW DIVERSION MANAGEMENT NOTES

- 1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE BYPASS EQUIPMENT, FORCE MAINS, AND OTHER NECESSARY APPURTENANCES IN ORDER TO MAINTAIN RELIABLE SANITARY SEWER SERVICE IN ALL SANITARY SEWER LINES AS REQUIRED FOR CONSTRUCTION.
2. THE CONTRACTOR SHALL HAVE BACKUP PUMP(S), FORCE MAIN(S), AND APPURTENANCES READY TO DEPLOY IMMEDIATELY.
3. ANY SPILLAGE, BACKUPS AND/OR OVERFLOWS, ETC. AS THE RESULT OF INADEQUATE EQUIPMENT ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL DEMONSTRATE THAT THE PUMPING SYSTEM IS IN GOOD WORKING ORDER AND IS SUFFICIENTLY SIZED TO SUCCESSFULLY HANDLE FLOWS BY PERFORMING A TEST RUN FOR A PERIOD OF 24 HOURS PRIOR TO BEGINNING THE WORK.
5. THE CONTRACTOR SHALL BE REQUIRED TO HAVE ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO COMPLETE THE REPAIR OR REPLACEMENT ON THE JOB SITE PRIOR TO ISOLATING THE SEWER MANHOLE OR LINE SEGMENT AND BEGINNING FLOW DIVERSION OPERATIONS.
6. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE IN WRITING A SEQUENCE OF FLOW DIVERSION FOR REVIEW AND APPROVAL BY THE INSPECTOR.
7. ONCE NEW SEWER COLLECTION SYSTEM HAS BEEN COMPLETED, TESTED AND ACCEPTED, THE CONTRACTOR SHALL CEASE FLOW DIVERSION OPERATIONS AND RETURN FLOWS TO THE NEW AND/OR EXISTING SEWER WHEN DIRECTED BY THE INSPECTOR.
8. ALL PIPING(S), JOINTS AND ACCESSORIES OF THE FLOW DIVERSION SYSTEM SHALL BE DESIGNED TO WITHSTAND AT LEAST TWICE THE MAXIMUM SYSTEM PRESSURE.
9. DURING FLOW DIVERSION, NO SEWAGE SHALL BE LEAKED, DUMPED, OR SPILLED IN OR UNTO, ANY AREA OUTSIDE OF THE EXISTING SANITARY SEWER SYSTEM AND TEMPORARY BY-PASS SYSTEM.
10. THE CONTRACTOR SHALL PLUG OFF AND PUMP DOWN THE SEWER MANHOLE OR LINE SEGMENT IN THE IMMEDIATE WORK AREA AND SHALL MAINTAIN THE SANITARY SEWER SYSTEM SO THAT SURCHARGING DOES NOT OCCUR.
11. THE CONTRACTOR SHALL ENSURE THAT NO DAMAGE WILL BE CAUSED TO PRIVATE PROPERTY AS A RESULT OF FLOW DIVERSION OPERATIONS.
12. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE INSPECTOR SHOULD A SURCHARGE OCCUR THAT RESULTS IN AN OVERFLOW OF SEWAGE.
13. IN THE EVENT THAT SEWAGE ACCIDENTALLY DRAINS INTO THE DRAINAGE SYSTEM OR STREET, THE CONTRACTOR SHALL IMMEDIATELY STOP THE OVERFLOW, NOTIFY THE TOWN, AND TAKE THE NECESSARY ACTION TO CLEAN UP AND DISINFECT THE SPILLAGE.
14. IN THE EVENT OF A BYPASS PIPING BREAK, THE CONTRACTOR IS RESPONSIBLE FOR CLEANING THE FULL EXTENT OF THE SPILL, INCLUDING ANY STORM DRAIN TO THE END OF THE STORMWAYS RECEIVING THE SPILL.
15. THE CONTRACTOR SHALL NOT INTENTIONALLY DAMAGE OR REMOVE PORTIONS SANITARY SEWER STRUCTURES FOR THE PURPOSE OF INSTALLING THE FLOW DIVERSION SYSTEM WITHOUT SPECIFIC APPROVAL FROM THE INSPECTOR.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE THAT RESULTS DIRECTLY OR INDIRECTLY FROM THE INTERFERENCE OF STORM WATER RUNOFF TO FLOW DIVERSION EQUIPMENT, PIPING AND/OR APPURTENANCES.
17. CONTRACTOR WILL BE REQUIRED TO PROVIDE TEMPORARY VEHICULAR ACCESS ACROSS ANY BYPASS PIPING CROSSING PUBLIC R.O.W.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBSERVING WEATHER FORECASTS AND NOTIFYING INSPECTOR OF ANY SEVERE WEATHER POSSIBILITIES DURING CONSTRUCTION.

This drawing has been revised to show those changes during the construction process reported by the contractor to Kimley-Horn and Associates, Inc. and considered to be significant. This drawing is not guaranteed to be "As Built" but is based on the information made available.

Date: 05/06/2019 By: RYAN SAFFORD, P.E.

REFER TO TNRC/TCQ DESIGN GUIDELINES (CHAPTER 290) FOR ALL UTILITY CROSSINGS.

GEOTECHNICAL REPORT REPORT NO. G140072 ALPHA TESTING, INC. DALLAS, TEXAS MARCH 18, 2014 CONTACT: DAVID SCHLEDOORN, P.E. (972) 620-8911

BENCHMARKS

- BM-1 Town of Addison GPS Control Station "TXDOT-COA-5", located on the corner of a curb inlet, 190' south of the intersection of Edwin Lewis Drive and Quorum Drive, 2' from the west edge of sidewalk, 50.5 feet from the west side of median and 76' from a fire hydrant. Elevation=642.09'
BM-2 Town of Addison GPS Control Station "TXDOT-COA-14" located 630' west of intersection of Addison Road & Westgrove Drive, 15.7' south of back of curb of concrete drive, 5' from street sign and 8' north of back of curb of Westgrove Road. Elevation=630.89'
TBM-1 Square cut with "X" set on N.E. corner of drop inlet 545'+, south of south R.O.W of Edwin Lewis Dr. and 8'+ west of Spectrum Drive back-of-curb. Elevation=630.89'
TBM-2 Square cut with "X" set on concrete headwall at the southeast corner of Quorum Drive and Edwin Lewis Drive. Elevation=631.28'

Table with columns for REVISIONS and DATE, containing a grid for tracking changes.

Kimley-Horn logo and contact information: 2017 KIMLEY-HORN AND ASSOCIATES, INC. 5750 GENESIS COURT, SUITE 200, FRISCO, TX 75034 PHONE: 972-335-3580 WWW.KIMLEY-HORN.COM TEXAS REGISTERED ENGINEERING FIRM 1-928



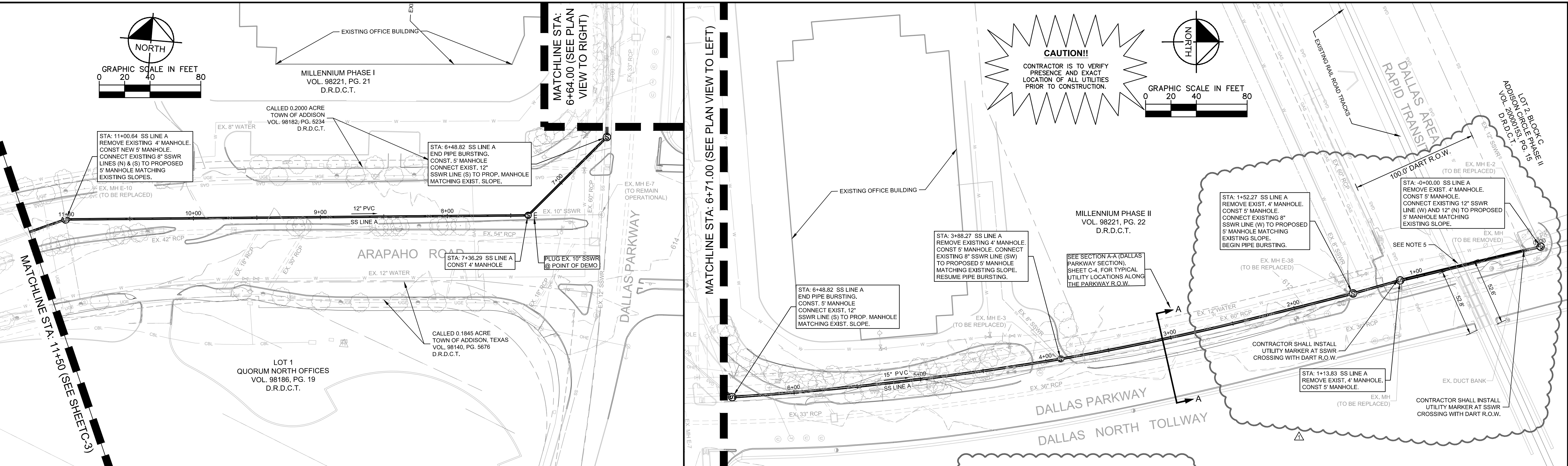
Scale and design status table: SCALE AS SHOWN, DESIGNED BY KMB, DRAWN BY KMB, CHECKED BY MKW.

GENERAL NOTES

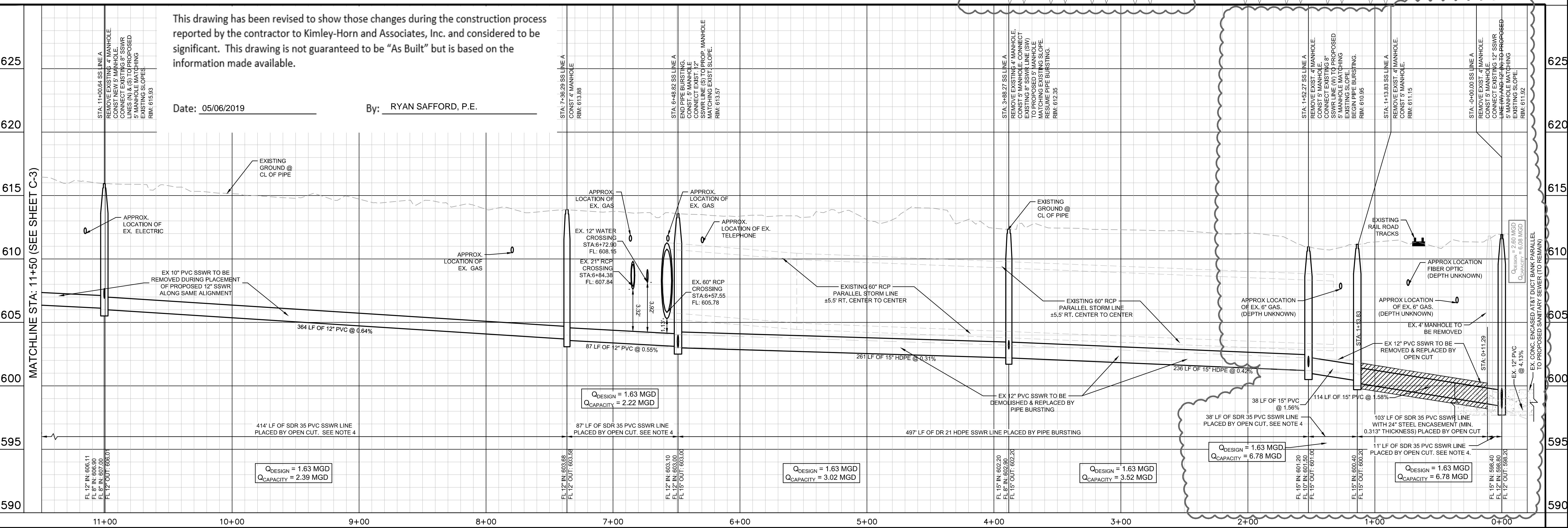
AMLI AT ADDISON OFF-SITE SEWER CITY OF ADDISON DALLAS COUNTY, TEXAS

DATE 08/14/2017 PROJECT NO. 63257052 SHEET NUMBER C-1

This document, together with the concepts and designs presented herein, is an instrument of service, intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NOTES: 1. GENERAL TRAFFIC CONTROL PLANS ARE PROVIDED FOR THE OVERALL WASTEWATER PROJECT. REFERENCE SHEETS TOP-1 TO TOP-6 FOR DETAILS. 2. CONTRACTOR SHALL SUBMIT ADDITIONAL TRAFFIC CONTROL PLANS AS NECESSARY FOR BYPASS PUMPING THAT IMPACTS PUBLIC ROADWAYS OR DRIVEWAY CONNECTIONS. 3. CONTRACTOR SHALL SUBMIT BYPASS PUMPING PLANS TO THE TOWN OF ADDISON FOR ACCEPTANCE PRIOR TO BEGINNING WORK. 4. OPEN CUT PAVEMENT REMOVAL AND REPLACEMENT REQUIRED FOR THE INSTALLATION OF THE PROPOSED SANITARY SEWER LINE SHALL MEET THE FOLLOWING CRITERIA: 4.1. PAVEMENT REMOVAL FOR OPEN CUT SECTIONS SHALL MEET ALL OF THE TOWN OF ADDISON DETAILS AND REQUIREMENTS AND MUST ADHERE TO NCTCOG PUBLIC WORKS CONSTRUCTION STANDARDS DIVISION 3000 FOR THE NECESSARY UTILITY TRENCH CUT SECTION. 4.2. NO PROPOSED PAVEMENT JOINTS SHALL BE ACCEPTED WITHIN THREE (3) FEET OF AN EXISTING PAVEMENT JOINT. PROPOSED PAVEMENT JOINTS MUST BE LOCATED OUTSIDE OF THE WHEEL PATH WITHIN A LANE OF TRAVEL. 4.3. PAVEMENT REPLACEMENT LIMITS MUST BE ACCEPTED BY THE TOWN OF ADDISON PRIOR TO INSTALLATION OF NEW PAVEMENT SECTIONS. CONTRACTOR SHALL COORDINATE WITH, AND OBTAIN CONCURRENCE FROM, THE TOWN OF ADDISON INSPECTORS PRIOR TO FINALIZING PAVEMENT REMOVAL AND REPLACEMENT WORK. 4.4. CONTRACTOR SHALL REMOVE AND REPLACE 30 L.F. EXISTING DART RAIL LINE FOR TRENCH AND CONSTRUCTION ACTIVITIES TO REPLACE TOWN OF ADDISON SANITARY SEWER LINE. CONTRACTOR SHALL COORDINATE EXACT REMOVAL LIMITS WITH DART AND COORDINATE REPLACEMENT OF RAIL WITH DART ENGINEERING AND INSPECTIONS GROUP.



Project information including title 'AMLI AT ADDISON OFF-SITE SEWER PLAN AND PROFILE', sheet number 'C-2', date '06/19/2018', and the Kimley-Horn logo.

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PAVING - GENERAL NOTES

- GENERAL: PAVEMENT THICKNESS IS AS SHOWN IN ITEM 7. SUBGRADE DESIGN SHALL CONFORM TO TOWN OF ADDISON PUBLIC WORKS REQUIREMENTS IN ITEM 3, AND SHALL EXTEND 12" MIN. BEHIND THE BACK OF CURB.
- REINFORCED CONCRETE PAVEMENT:
 - CONCRETE STRENGTH SHALL BE AS SHOWN IN ITEM 7 (NCTCOG LATEST EDITION).
 - ALL CURBS SHALL BE INTEGRAL WITH PAVEMENT AND SHALL BE OF THE SAME STRENGTH AS CONCRETE PAVEMENT.
 - DETAIL AND ARRANGEMENT OF PAVEMENT JOINTS, ALL TYPES, SHALL BE AS SHOWN ON THE TOWN STANDARD CONSTRUCTION DETAILS.
 - BAR LAPS SHALL BE THIRTY DIAMETERS.
 - REINFORCING STEEL SHALL BE #3 REBAR (3/8") ON 18" CENTERS FOR 8" OR LESS. #4 FOR 10" OR ABOVE.
- SUBGRADE: SUBGRADE UNDER ALL PAVEMENT SHALL BE 6" THICK AND SHALL BE STABILIZED WITH AT LEAST 30 LBS. PER SQ. YD. HYDRATED LIME, COMPACTED TO A DENSITY NOT LESS THAN 95 PERCENT. LABORATORY TESTS MUST BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR APPROVAL TO DETERMINE AMOUNT OF LIME REQUIRED. LABORATORY TEST MAY BE WAIVED PROVIDED AT LEAST 36 LBS. OF LIME PER SQ. YD. IS USED. SEE NCTCOG ITEM 301.2 "LIME TREATMENT". FLEXIBLE BASE (CRUSHED STONE/CONCRETE) PER NCTCOG ITEM 301.5 MAY BE SUBSTITUTED FOR LIME TREATMENT WITH THE APPROVAL OF THE TOWN ENGINEER.
- REBAR SHALL BE SUPPORTED BY BAR CHAIRS OR OTHER DEVICES APPROVED BY TOWN ENGINEER.
- NO TRAFFIC ON FINISHED SUBGRADE SHALL BE PERMITTED AFTER REINFORCING STEEL IS INSTALLED ABOVE SUBGRADE. NO TRAFFIC SHALL BE PERMITTED BEFORE OR DURING THE PLACING OF CONCRETE.
- CROSS SLOPE OF STRAIGHT CROWN STREETS SHALL BE 1/4" PER FOOT UNLESS APPROVED BY THE TOWN ENGINEER.
- PAVEMENT THICKNESS AND STRENGTHS SHALL BE AS FOLLOWS:

MAJOR ARTERIAL	- 10" CLASS "P1" OR "P2."
MINOR ARTERIAL	- 8" CLASS "P1" OR "P2."
COMMERCIAL/INDUSTRIAL COLLECTOR	- 8" CLASS "P1" OR "P2."
RESIDENTIAL COLLECTOR	- 8" CLASS "P1" OR "P2."
RESIDENTIAL LOCAL	- 8" CLASS "P1" OR "P2."
SIDEWALK AND BFR'S	- 4" CLASS "A"
DRIVE APPROACH	- 8" CLASS "P2"
ALLEY	- 6" CLASS "P1" OR "P2."
- CONCRETE MIX DESIGN SHALL BE AS DEFINED BY NCTCOG 303.3.
- ALL MEDIANS AND PARKWAYS SHALL BE PROVIDED WITH BERMUDA GROUND COVER.
- ONCE A CURB ABUTTING A THOROUGHFARE HAS BEEN SAWCUT AND REMOVED, THE CONTRACTOR MUST REPLACE THE CONCRETE WITH A NEW POUR (I.E. DRIVEWAY) WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES WILL BE ASSESSED AT \$500 PER DAY FOR EACH CALENDAR DAY IN EXCESS OF 14 CALENDAR DAYS. PAYMENT SHALL BE MADE PRIOR TO ACCEPTANCE OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- ALL SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%.
- ALLEYS AND DRIVEWAYS
 - CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLAN.
 - SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO PARABOLIC STREET PAVEMENT.

PAVING
GENERAL NOTES

STANDARD CONSTRUCTION DETAILS
PAVING

DATE: AUGUST, 2010 REV DATE: SHEET: SD-P01

SECTION A-A
SCALE: 1" = 40' HORIZONTAL, 1" = 4' VERTICAL

DALLAS PARKWAY SECTION

CONTRACTOR TO PROTECT AND INSURE THE INTEGRITY OF ALL EXISTING INFRASTRUCTURE DURING PIPE BURSTING OPERATIONS.

- SAWED LONGITUDINAL DUMMY JOINT
- CONSTRUCTION JOINT (FULL WIDTH PAVEMENT IS ALLOWED WHERE APPROVED BY THE PUBLIC WORKS DEPT.). DELETE IF PAVING IS 25 FT. WIDTH TO BE WIDENED LATER. INSTALL CURB IF PAVING IS LESS THAN FULL WIDTH OF 33'-36".
- A NUMBER 3 BAR CONTINUOUS SHALL BE PROVIDED FOR CURB REINFORCEMENT

PRINCIPAL ARTERIAL PAVEMENT

STANDARD CONSTRUCTION DETAILS
PAVING

DATE: AUGUST, 2010 REV DATE: SHEET: SD-P05

DALLAS PARKWAY SECTION

CONTRACTOR TO PROTECT AND INSURE THE INTEGRITY OF ALL EXISTING INFRASTRUCTURE DURING PIPE BURSTING OPERATIONS.

EX. 12" WATER CROSSING STA:1+11.02 FL: 607.34

EX. 60" RCP STA:1+15.28 FL: 603.95

EX. 36" RCP STA:1+43.56 FL: 605.28

PROP. 15" SSWR STA:1+20.84 FL: 601.83

DATE: AUGUST, 2010 REV DATE: SHEET: SD-P04

PAVEMENT REPAIR HEADER

NOTE:

- NO. 5 DEFORMED DOWEL BAR MAY BE USED IN 6 INCH PAVEMENT.
- DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
- DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

T=PROPOSED PAVEMENT THICKNESS
ET=EXISTING PAVEMENT THICKNESS

PAVEMENT REPAIR HEADER

STANDARD CONSTRUCTION DETAILS
PAVING

DATE: AUGUST, 2010 REV DATE: SHEET: SD-P16

MEDIAN DETAILS

NOTE:

- BRICK PAVERS SHALL BE VEHICULAR PAVERS CONFORMING TO ASTM C1272, TYPE R APPLICATION AND SHALL BE APPROVED BY PUBLIC WORKS DEPT.
- BRICK PAVERS SHALL BE WITHOUT FROGS OR CORES IN SURFACE EXPOSED TO VIEW IN THE COMPLETED WORK.
- MEDIAN PAVERS SHALL EXTEND TO A POINT WHERE MEDIAN IS AT LEAST 6' WIDE. IF MEDIAN IS 6' WIDE, PAVERS SHALL EXTEND 10' FROM THE NOSE.
- ALL DISTANCES ARE MINIMUM.

MEDIAN DETAILS

STANDARD CONSTRUCTION DETAILS
PAVING

DATE: AUGUST, 2010 REV DATE: SHEET: SD-P14

MINOR ARTERIAL PAVEMENT REGULAR SECTION

MINOR ARTERIAL PAVEMENT AT COLLECTOR OR GREATER SECTION

- SAWED LONGITUDINAL DUMMY JOINT
- REINFORCEMENT SHALL BE A CONTINUOUS No. 3 BAR.

MINOR ARTERIAL PAVEMENT

STANDARD CONSTRUCTION DETAILS
PAVING

DATE: AUGUST, 2010 REV DATE: SHEET: SD-P04

This drawing has been revised to show those changes during the construction process reported by the contractor to Kimley-Horn and Associates, Inc. and considered to be significant. This drawing is not guaranteed to be "As Built" but is based on the information made available.

By: RYAN SAFFORD, P.E.

Date: 05/06/2019

BENCHMARKS

- BM-1 Town of Addison GPS Control Station "TXDOT-COA-5", located on the corner of a curb inlet, 190' south of the intersection of Edwin Lewis Drive and Quorum Drive, 2' from the west edge of sidewalk, 50.5 feet from the west side of median and 76' from a fire hydrant. Elevation=630.10'
- BM-2 Town of Addison GPS Control Station "TXDOT-COA-14", located 630' west of intersection of Addison Road & Westgrove Drive, 15.7' south of back of curb of concrete drive, 5' from street sign and 8' north of back of curb of Westgrove Road. Elevation=642.09'
- TBM-1 Square cut with "X" set on N.E. corner of drop inlet 545'+, south of south R.O.W. of Edwin Lewis Dr. and 8'+ west of Spectrum Drive back-of-curb. Elevation=630.89'
- TBM-2 Square cut with "X" set on concrete headwall at the southeast corner of Quorum Drive and Edwin Lewis Drive. Elevation=631.28'

SCALE AS SHOWN

DESIGNED BY KMB

DRAWN BY KMB

CHECKED BY MKW

REVISIONS

No.	DATE

© 2017 KIMLEY-HORN AND ASSOCIATES, INC.
5750 GENESIS COURT, SUITE 200, FRISCO, TX 75034
PHONE: 972-338-3580
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-328

MICHAEL WESTFALL
LICENSED PROFESSIONAL ENGINEER
107034
7/1/2016

CONSTRUCTION DETAILS

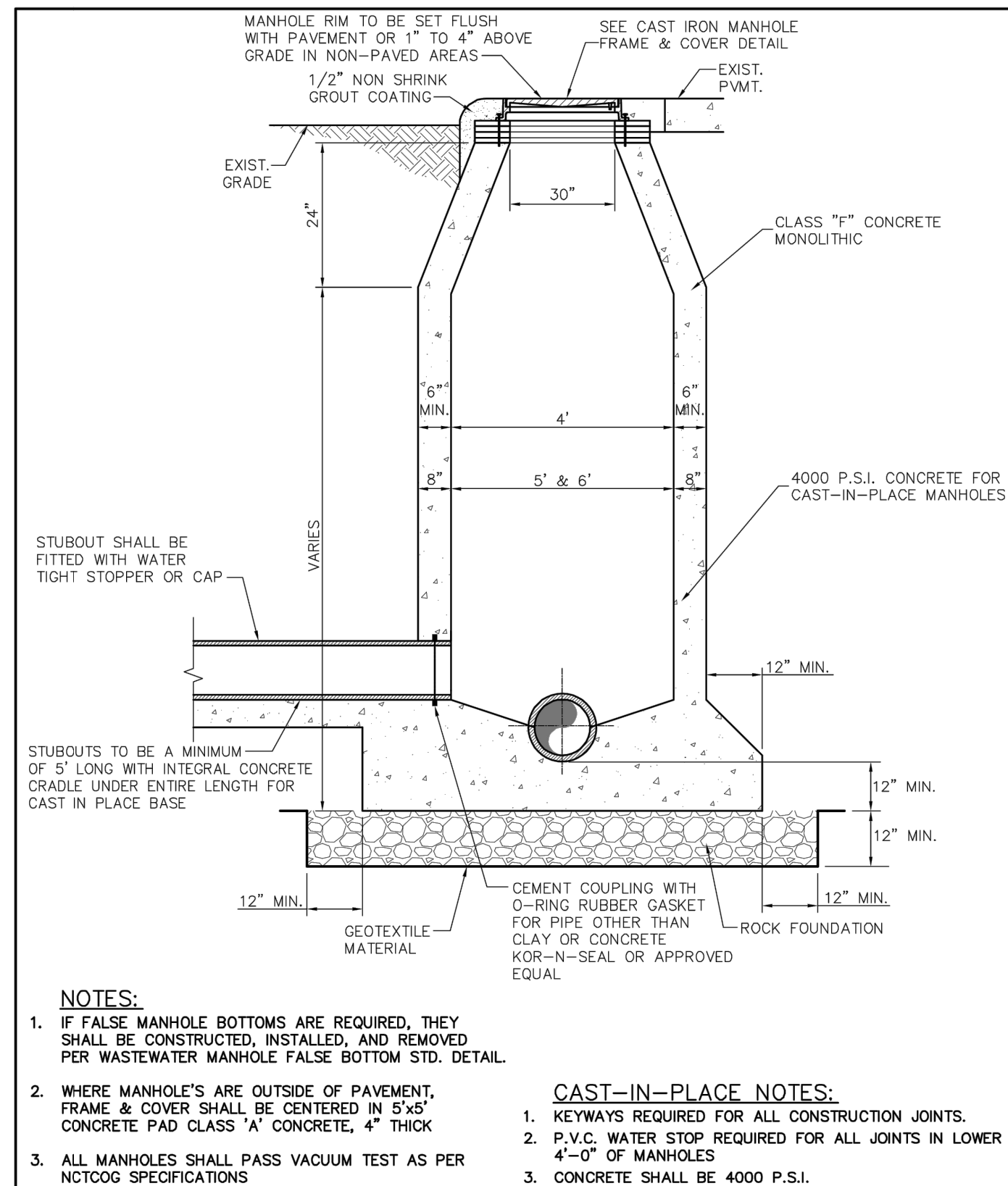
AMLI AT ADDISON OFF-SITE SEWER
CITY OF ADDISON
DALLAS COUNTY, TEXAS

DATE: 08/14/2017

PROJECT NO. 63257052

SHEET NUMBER C-4

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



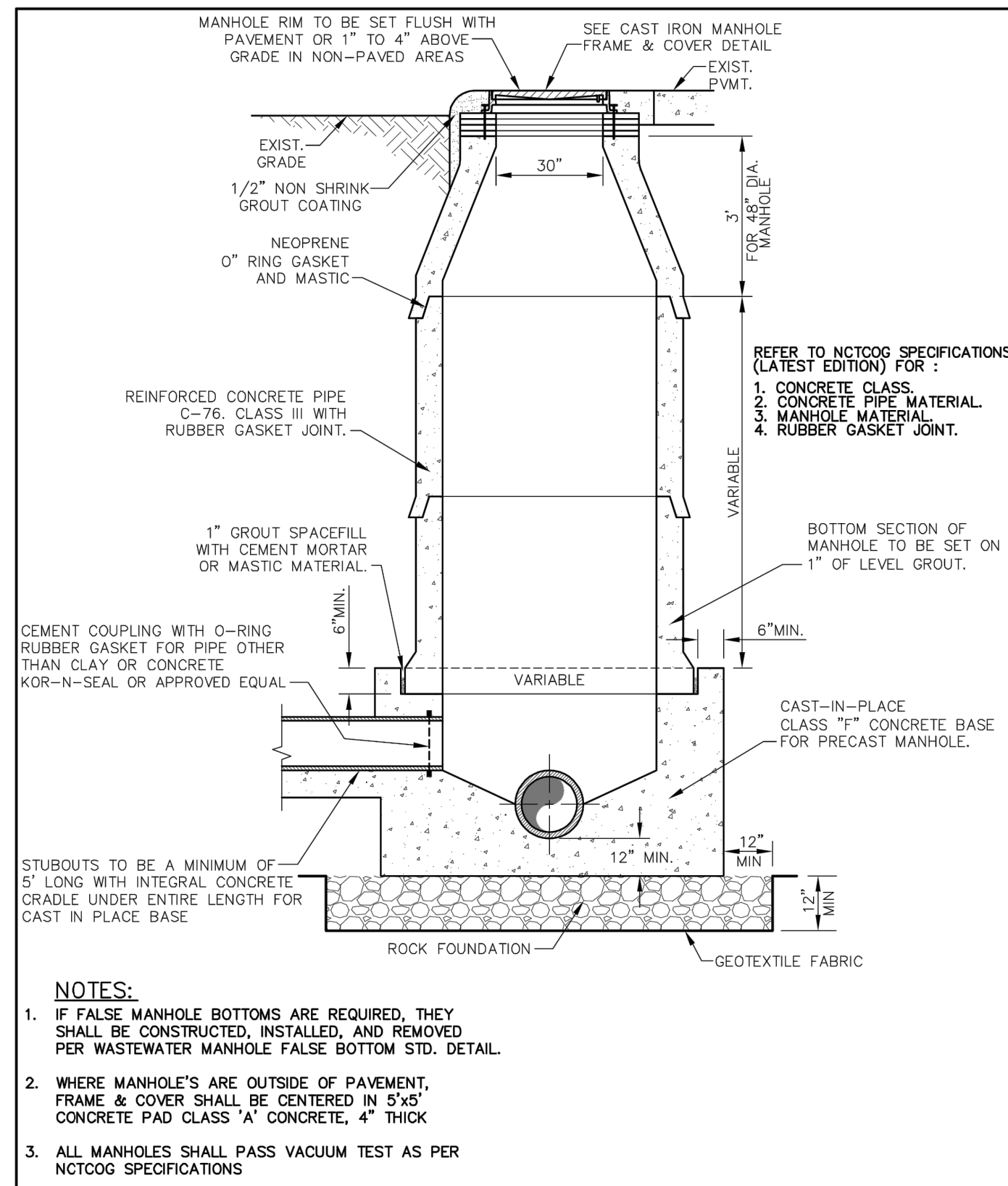
NOTES:

- IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED, AND REMOVED PER WASTEWATER MANHOLE FALSE BOTTOM STD. DETAIL.
- WHERE MANHOLES ARE OUTSIDE OF PAVEMENT, FRAME & COVER SHALL BE CENTERED IN 5'x5' CONCRETE PAD CLASS 'A' CONCRETE, 4" THICK
- ALL MANHOLES SHALL PASS VACUUM TEST AS PER NCTCOG SPECIFICATIONS

CAST-IN-PLACE NOTES:

- KEYWAYS REQUIRED FOR ALL CONSTRUCTION JOINTS.
- P.V.C. WATER STOP REQUIRED FOR ALL JOINTS IN LOWER 4'-0" OF MANHOLES
- CONCRETE SHALL BE 4000 P.S.I.

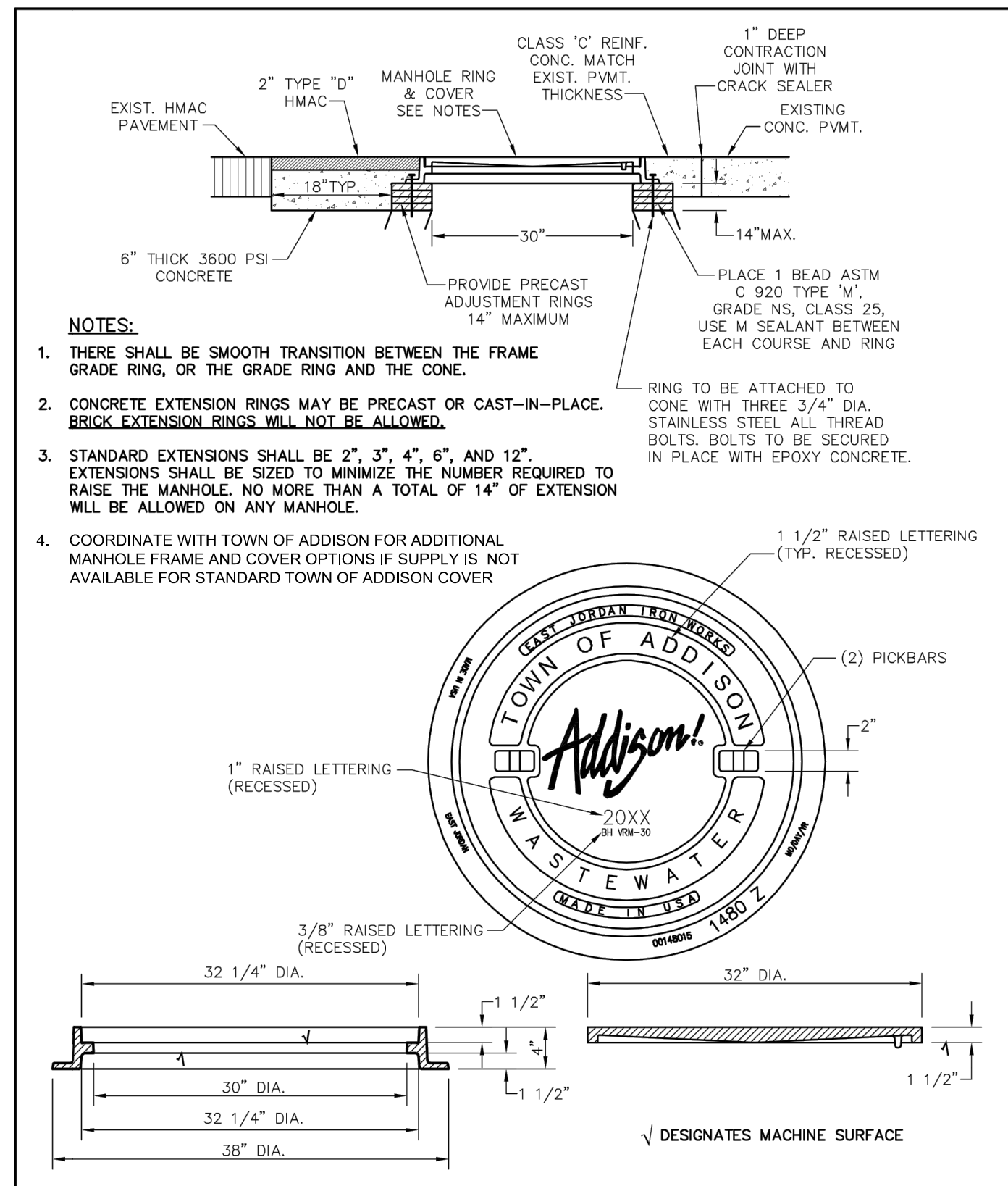
Addison! PUBLIC WORKS DEPARTMENT	CAST-IN-PLACE MANHOLE	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW04



NOTES:

- IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED, AND REMOVED PER WASTEWATER MANHOLE FALSE BOTTOM STD. DETAIL.
- WHERE MANHOLES ARE OUTSIDE OF PAVEMENT, FRAME & COVER SHALL BE CENTERED IN 5'x5' CONCRETE PAD CLASS 'A' CONCRETE, 4" THICK
- ALL MANHOLES SHALL PASS VACUUM TEST AS PER NCTCOG SPECIFICATIONS

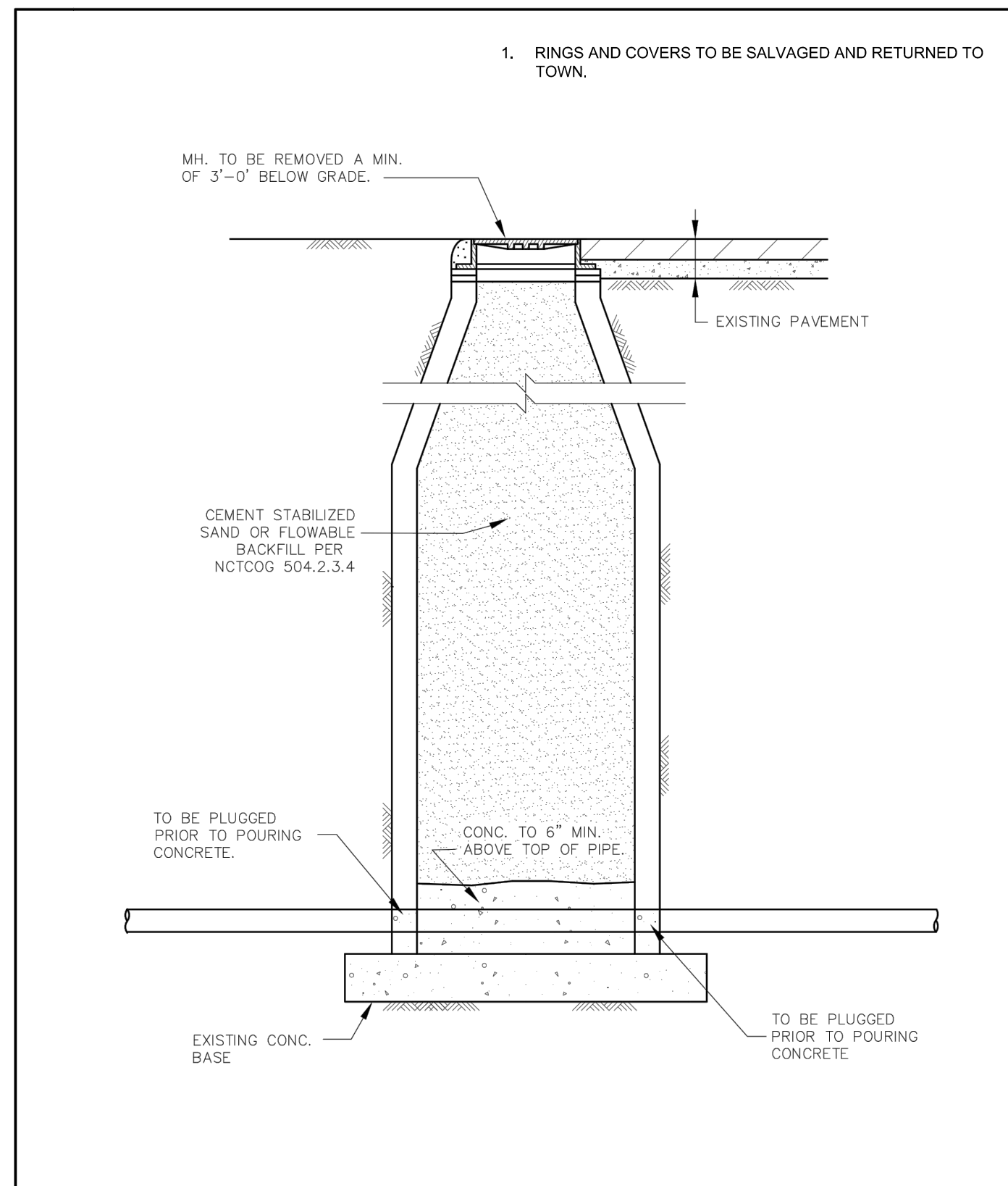
Addison! PUBLIC WORKS DEPARTMENT	PRECAST CONCRETE PIPE MANHOLE ALTERNATE "A"	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW06



NOTES:

- THERE SHALL BE SMOOTH TRANSITION BETWEEN THE FRAME GRADE RING, OR THE GRADE RING AND THE CONE.
- CONCRETE EXTENSION RINGS MAY BE PRECAST OR CAST-IN-PLACE. BRICK EXTENSION RINGS WILL NOT BE ALLOWED.
- STANDARD EXTENSIONS SHALL BE 2", 3", 4", 6", AND 12". EXTENSIONS SHALL BE SIZED TO MINIMIZE THE NUMBER REQUIRED TO RAISE THE MANHOLE. NO MORE THAN A TOTAL OF 14" OF EXTENSION WILL BE ALLOWED ON ANY MANHOLE.
- COORDINATE WITH TOWN OF ADDISON FOR ADDITIONAL MANHOLE FRAME AND COVER OPTIONS IF SUPPLY IS NOT AVAILABLE FOR STANDARD TOWN OF ADDISON COVER

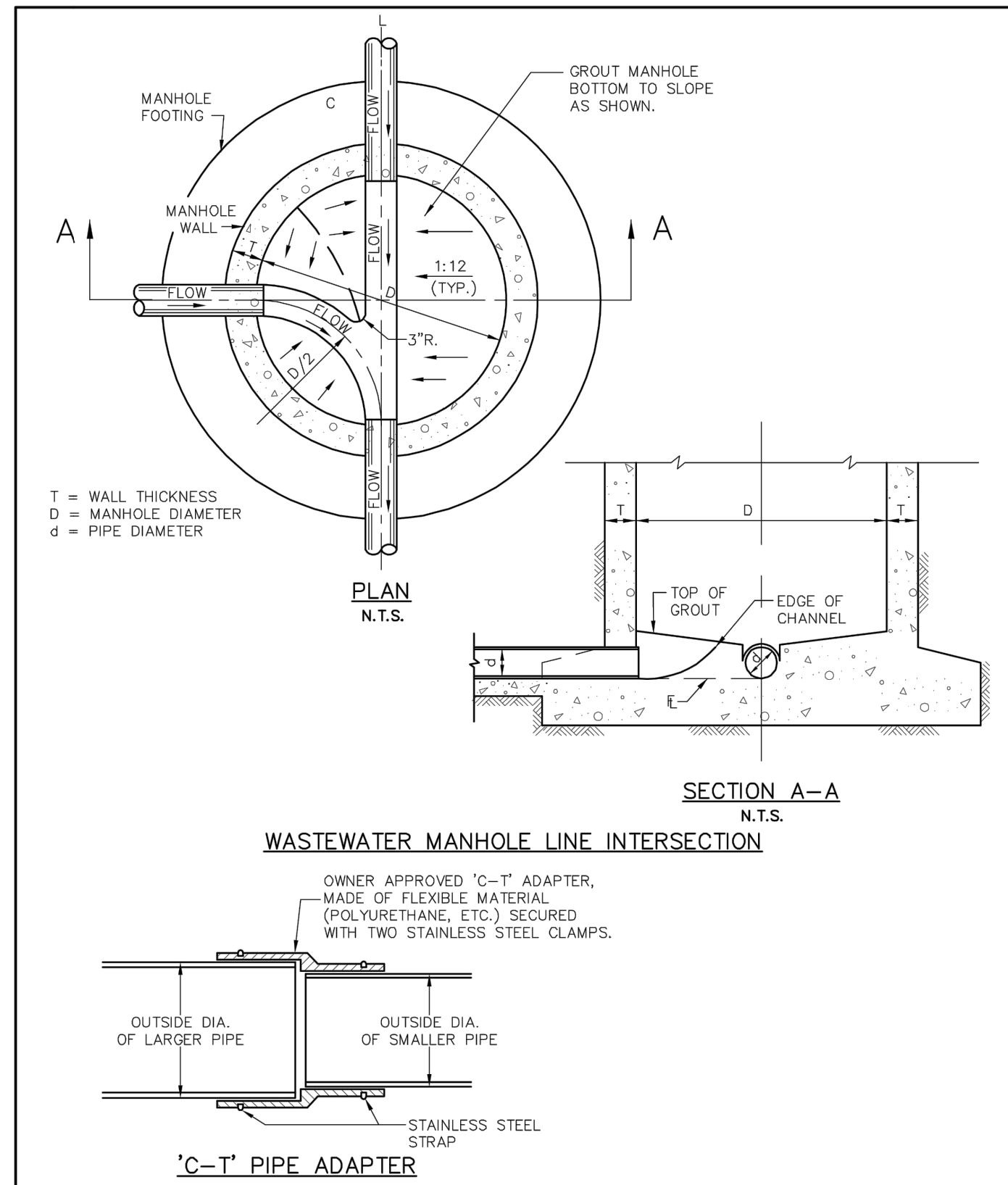
Addison! PUBLIC WORKS DEPARTMENT	CAST IRON MANHOLE FRAME AND COVER	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW11



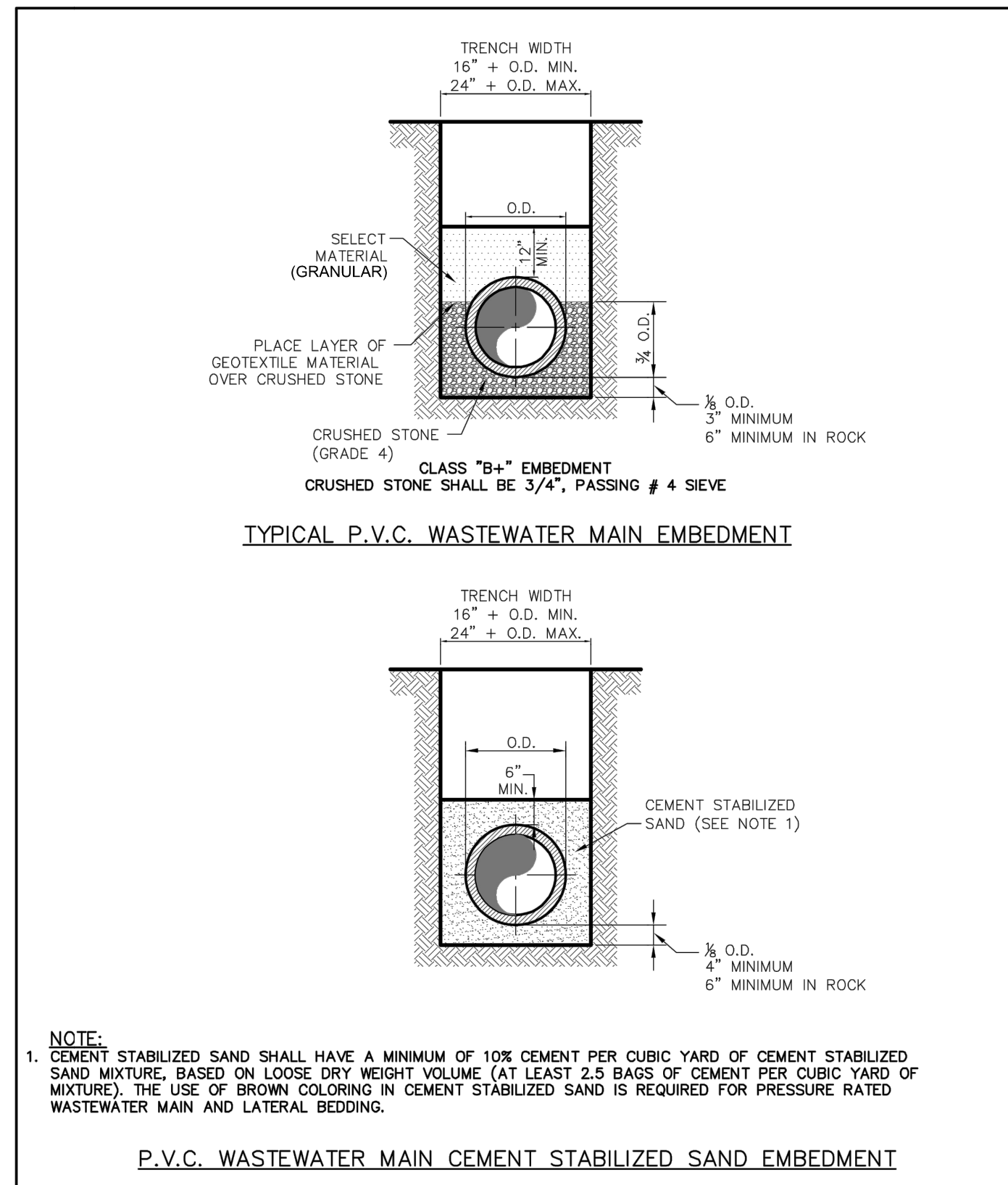
NOTES:

- RINGS AND COVERS TO BE SALVAGED AND RETURNED TO TOWN.

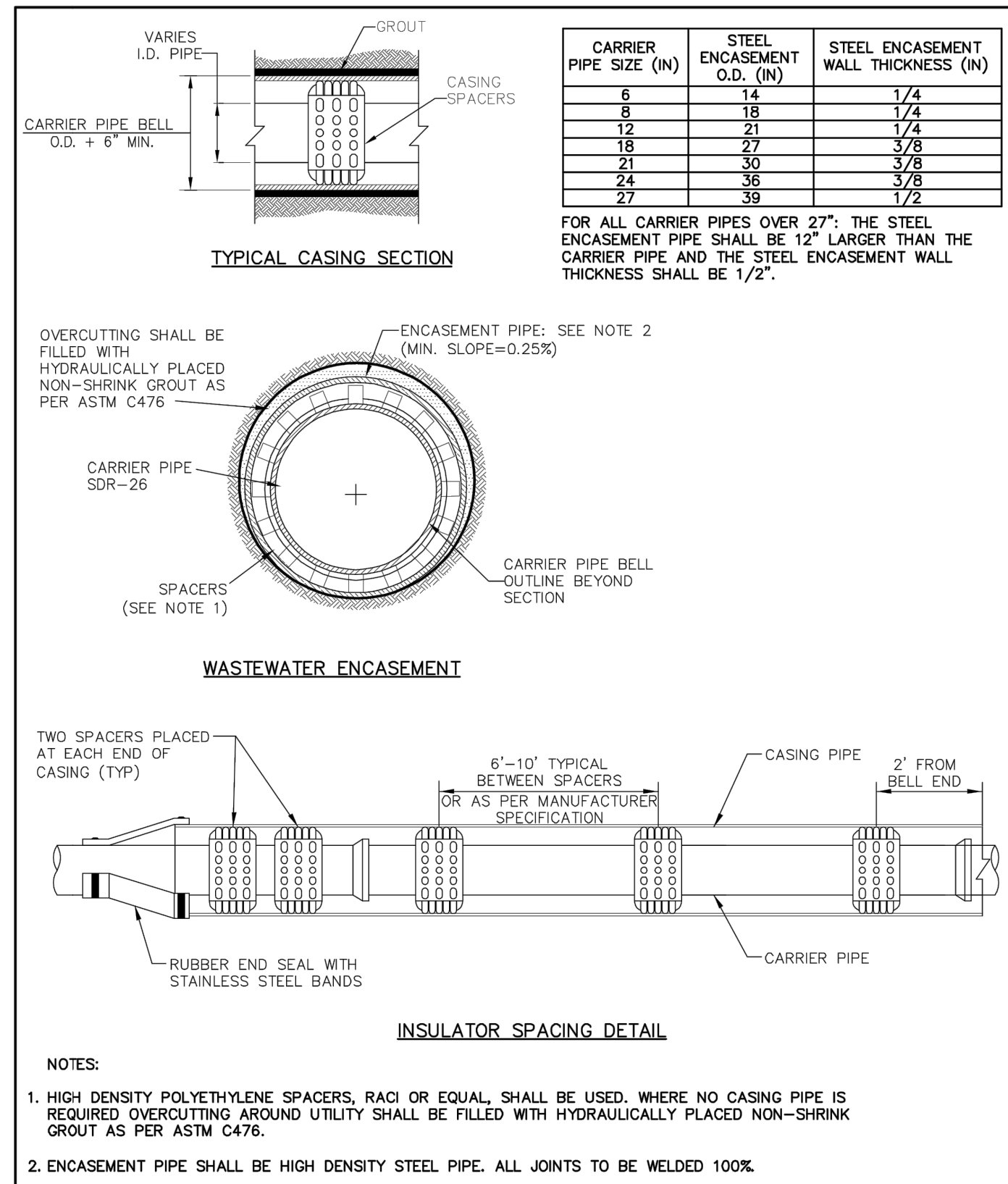
Addison! PUBLIC WORKS DEPARTMENT	ABANDONMENT OF MANHOLE	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW15



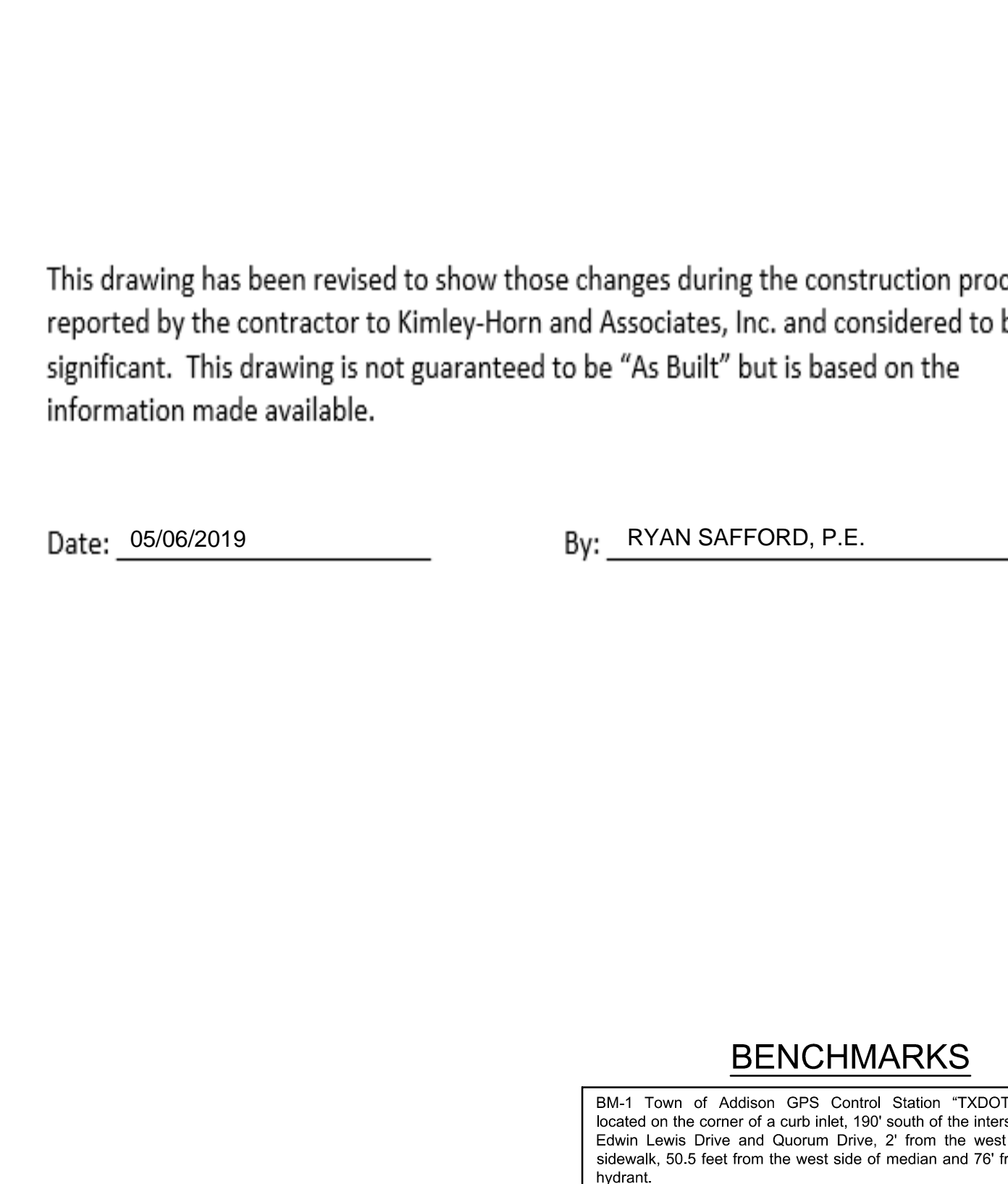
Addison! PUBLIC WORKS DEPARTMENT	WASTEWATER MANHOLE LINE INTERSECTION & 'C-T' PIPE ADAPTER	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW13



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



Addison! PUBLIC WORKS DEPARTMENT	CASING	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW16



Addison! PUBLIC WORKS DEPARTMENT	WASTEWATER MANHOLE LINE INTERSECTION & 'C-T' PIPE ADAPTER	STANDARD CONSTRUCTION DETAILS WASTEWATER	
		DATE: AUGUST, 2010	SHEET: SD-WW13

Kimley & Horn

© 2017 KIMLEY-HORN AND ASSOCIATES, INC.
5750 GENESIS COURT, SUITE 200, FRISCO, TX 75034
PHONE: 972-338-3580
WWW.KIMLEY-HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F-328

Michael Westfall
LICENSED PROFESSIONAL ENGINEER
No. 121706

CONSTRUCTION DETAILS

AMLI AT ADDISON OFF-SITE SEWER
CITY OF ADDISON
DALLAS COUNTY, TEXAS

SCALE: AS SHOWN	DESIGNED BY: KMB	DRAWN BY: KMB	CHECKED BY: MKW
DATE: 08/14/2017	PROJECT NO: 63257052	SHEET NUMBER: C-5	

This drawing has been revised to show those changes during the construction process reported by the contractor to Kimley-Horn and Associates, Inc. and considered to be significant. This drawing is not guaranteed to be "As Built" but is based on the information made available.

Date: 05/06/2019 By: RYAN SAFFORD, P.E.

BENCHMARKS

BM-1 Town of Addison GPS Control Station "TXDOT-COA-5", located on the corner of a curb inlet, 190' south of the intersection of Edwin Lewis Drive and Quorum Drive, 2' from the west edge of sidewalk, 50.5 feet from the west side of median and 76' from a fire hydrant.	Elevation=630.10'
BM-2 Town of Addison GPS Control Station "TXDOT-COA-14", located 630' west of intersection of Addison Road & Westgrove Drive, 15.7' south of back of curb of concrete drive, 5' from street sign and 8' north of back of curb of Westgrove Road.	Elevation=642.09'
TBM-1 Square cut with "X" set on N.E. corner of drop inlet 545'+- south of south R.O.W. of Edwin Lewis Dr. and 8'+- west of Spectrum Drive back-of-curb.	Elevation=630.89'
TBM-2 Square cut with "X" set on concrete headwall at the southeast corner of Quorum Drive and Edwin Lewis Drive.	Elevation=631.28'