CIVIL CONSTRUCTION PLANS FOR

AMLI ADDISON

15250 QUORUM DRIVE

TOWN OF ADDISON DALLAS COUNTY, TEXAS

TOWN PROJECT #17.05

PLANS SUBMITTAL/REVIEW LOG

SITE PLAN AND CIVIL ENGINEERING PACKAGE -NOT FOR CONSTRUCTION	05/01/17
2ND ENGINEERING PACKAGE SUBMITTAL -NOT FOR CONSTRUCTION	07/03/17
3RD ENGINEERING PACKAGE SUBMITTAL -NOT FOR CONSTRUCTION	07/26/17
4TH ENGINEERING PACKAGE SUBMITTAL -NOT FOR CONSTRUCTION	08/10/17
5TH ENGINEERING PACKAGE SUBMITTAL -FOR CONSTRUCTION	08/15/17
FIELD CHANGE #1 -FOR CONSTRUCTION	09/25/17
FIELD CHANGE #2 -FOR CONSTRUCTION	12/19/17
FIELD CHANGE #3 -FOR CONSTRUCTION	04/02/18

ARCHITECT

HLR ARCHITECTS
14881 QUORUM DRIVE
SUITE 550
DALLAS, TX 75254
CONTACT: RYAN CONWAY

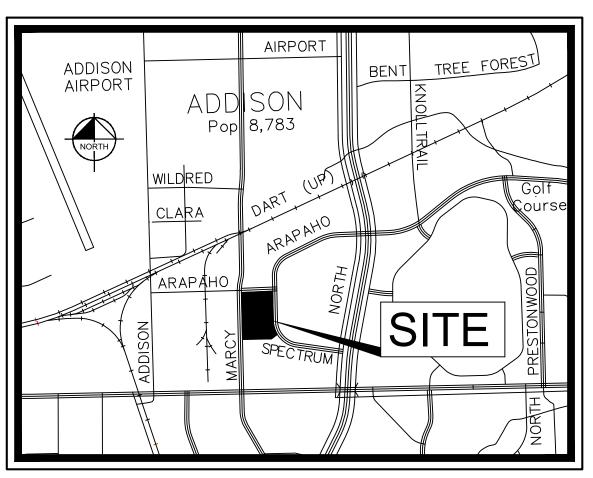
OWNER/DEVELOPER

PPF AMLI QUORUM DRIVE, LLC. 5057 KELLER SPRINGS ROAD SUITE 250 ADDISON, TX 75001 CONTACT: TAYLOR BOWEN

ENGINEER

Kimley»Hori

5750 GENESIS COURT STATE OF TEXAS
SUITE 200 REGISTRATION NO. F-928
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CONTACT: RYAN SAFFORD, P.E.



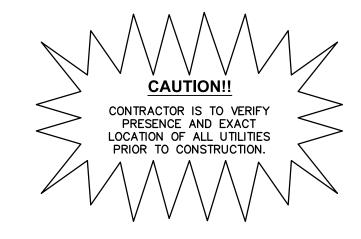
VICINITY MAP

N.T.S.

- NOTES:

 1. THE SITEWORK FOR 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-0.0	COVER SHEET	12/19/17	1/2
C-1.0	NOT USED		
C-2.0	GENERAL NOTES	08/15/17	
C-3.0	EROSION CONTROL PLAN	08/15/17	
C-3.1	EROSION CONTROL DETAILS	08/15/17	
C-4.0	DEMOLITION PLAN	12/19/17	
C-5.0	DIMENSION CONTROL AND PAVING PLAN	04/02/18	
C-6.0	GRADING PLAN	12/19/17	1/1/2
	RECORD DRAWING DRAINAGE AREA MAP (FOR REFERENCE)	10/29/97	
C-7.0	DRAINAGE AREA MAP	08/15/17	
C-8.0	STORM DRAINAGE PLAN	12/19/17	
C-8.1	STORM DRAINAGE PROFILES	12/19/17	
C-8.2	STORM DRAINAGE CALCULATIONS	08/15/17	
C-9.0	UTILITY PLAN	12/19/17	
C-9.1	UTILITY PROFILES	09/25/17	
C-9.2	UTILITY CROSS SECTIONS (FOR REFERENCE)	08/15/17	
C-10.0	TOWN OF ADDISON DETAILS	08/15/17	
C-10.1	TOWN OF ADDISON DETAILS	08/15/17	
C-10.2	TOWN OF ADDISON DETAILS	08/15/17	
C-10.3	TOWN OF ADDISON DETAILS	08/15/17	
L-5.0 - L-5.3	LANDSCAPE GRADING PLANS (FOR REFERENCE)	12/19/17	<u>^</u>
L-6.0 - 6.3	PLANTING PLAN (FOR REFERENCE)	12/19/17	<u> </u>
L-6.4	PLANT SCHEDULE (FOR REFERENCE)	12/19/17	<u> </u>
L-6.5 - 6.6	PLANTING DETAILS (FOR REFERENCE)	08/15/17	

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: 01/07/2020 By: Ryan Safford, P.E.

APRIL 2018



C-0.0

AND ENGINEER FOR REVIEW

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, TOWN STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA. AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE TOWN SPECIFICATIONS SHAL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION

AND DETAIL SHALL BE FOLLOWED 2. THE CONTRACTOR SHALL COMPLY WITH TOWN "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE TOWN. FOR INSTANCES

WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION

DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS. 4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.

5 THE FXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.

6. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER IMMEDIATELY 7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER

8. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING. 9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF MPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL

10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK, NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, ENGINEER, AND IF APPLICABLE THE TOWN AND OWNER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE TOWN, ENGINEER, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM. 11. 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. 12 IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AFRIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. 13. CONTRACTOR SHALL CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION

14.CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES 15. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS

16. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE, RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS. ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS.

7. CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED. 18. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION, AND SERVICE TO THE PROPOSED DEVELOPMENT.

19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN HE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH

20.BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE PAY 21.CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.

CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING TO WORK SETBACKS 22 THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS. APPROVALS, AND BONDS PRIOR TO CONSTRUCTION 23. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND TOWN SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS,

EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS 24.ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM. SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE. 25.ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES. 26.CONTRACTOR SHALL ARRANGE FOR REQUIRED TOWN INSPECTIONS.

27.CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES. 28.ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC....) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE TOWN INSPECTOR. 29. THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. REFERENCE THE BUILDING PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN THE BUILDING FOOTPRINT 30 REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS.

11.THE PROPOSED BUILDING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY THE PROJECT ARCHITECT AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE BUILDING DESIGN WAS ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF THE BUILDING FOOTPRINT WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAYOUT. DIMENSIONS AND/OR COORDINATES SHOWN ON THESE PLANS WERE BASED ON THE ABOVE STATED ARCHITECTURAL FOOTPRINT, AND ARE THEREFORE A PRELIMINARY LOCATION OF THE BUILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S FOOTPRINT REPRESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC.....) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY DIFFERENCES FOUND SHALL BE REPORTED TO KH IMMEDIATELY.

32 ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA 33.CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION. UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE TOWN INSPECTOR AND COMPLY WITH TOWN STANDARD SPECIFICATIONS AND GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING

34.ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY. 35.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND TOWN SPECIFICATIONS.

36.DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING. 37.ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY

DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR. 38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER. 39.THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING

BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS ETC.... TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER. 40.ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT

41. THE CONTRACTOR SHALL SALVAGE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC... THAT ARE TO BE RELOCATED DURING CONSTRUCTION 42.CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES

43.THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE TOWN PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH TOWN, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE TOWN. 44. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER 45.SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR

46.THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS. 47.SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS

48.CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS. 49.LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES.

50.ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT EDITION OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". 51.TOP RIM ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE AND SHALL BE ADJUSTED TO BE FLUSH WITH THE ACTUAL FINISHED GRADE AT THE TIME OF PAVING. 52.CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO MATCH ACTUAL

FINISHED GRADES AT THE TIME OF PAVING. 53. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND PHASING, AND SHALL CONTACT THE APPROPRIATE TOWN OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS. 54.CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE TOWN OF A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION, AND THEN THE IMPLEMENTATION OF THE PLAN.

55.CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS. 56.THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND TOWN IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND

ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE LAND DISTURBANCE. 2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE "TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000" 3. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND

DISTURBANCE. 4. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT 5. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLATION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL EROSION CONTROL DEVICES, BEST MANAGEMENT PRACTICES (BMPS), AND FOR UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE.

6. CONTRACTOR SHALL DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL FOR EACH BMP EMPLOYED IN THE STORM WATER POLITION PREVENTION PLAN (SWPPP) IF APPLICABLE 7. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED AT EACH INLET PER APPROVED

8. THE EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED. 9. CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL DEVICES NEEDED DUE TO PROJECT PHASING

10. CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND MAKE FIELD ADJUSTMENTS AND MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE EROSION CONTROL DEVICES DO NOT EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE. THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER.

11. OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN 5. RETAINING WALL ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS.

ON THE EROSION CONTROL PLAN 12. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH AN

13. CONTRACTORS SHALL INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET IF APPLICABLE, TO VERIEY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY

14. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE WITH TOWN SPECIFICATIONS. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT ALL TIMES FOR ALL

ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE REMOVED IMMEDIATELY 16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND TOWN. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE OFF-SITE ROADWAYS. 17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA STABILIZED WITH

CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP. 18 CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 ACRES, PER TOFO AND TOWN STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS. THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.

19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR. 20.WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED ONTO A ROADWAY. THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO

MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE. 21.TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE 22.CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, AND TRASH AS CONSTRUCTION PROGRESSES 23.UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN

DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE

24.AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE CONSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE

THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL

ONTRACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS.

OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND PROCESS FOR THE REMOVAL OF THEIR FACILITIES.

APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY.

2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000. ETHE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOLTO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL

PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE TOWN) RECEIVING DISCHARGE FROM THE SITE. 4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE TCEQ AND EPA (E.G. NOI). 5. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP 6. A COPY OF THE SWPPP, INCLUDING NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO THE TOWN BY THE CONTRACTOR AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.

'. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. THIS PRELIMINARY DEMOLITION PLAN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE. 2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN. WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY OTHERS. SHOWS ALL IMPROVEMENTS AND UTILITIES. THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY. OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE RECONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE

THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO LEAVE THE SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR

4. CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING THE DEMOLITION PLAN:

a. ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER, b. ASBESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER

GEOTECHNICAL REPORT PROVIDED BY THE OWNER. OTHER REPORTS THAT ARE APPLICABLE AND AVAILABLE

5. CONTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED REPORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO STARTING ANY WORK ON THE SITE. S. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON THE SITE AND THE DISPOSAL OF THE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE

7. KH DOES NOT REPRESENT THAT THE REPORTS AND SURVEYS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVE SHOWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED. 8. SURFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, FOUNDATIONS OR WALLS, HAT ARE ALSO TO BE REMOVED.

THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMFNSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE TOWN : UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN

LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF CURB ELEVATION. I. PROPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE i. PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN.

CONTOURS AND SPOT GRADES SHOWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING OPERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL, MULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION. 8. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE THEIR OWN

EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER. 9. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT

10. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE CONTRACTOR AT NO ADDITIONAL 11. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING. REFERENCE EROSION CONTROL PLAN, DETAILS, GENERAL NOTES, AND SWPPP FOR ADDITIONAL INFORMATION AND REQUIREMENTS. 12.BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE

TO EARTHWORK. 13. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING LANDOWNER'S 14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER TO

IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED

LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL. 15. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. 16.NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY REASON OR ANY

LENGTH OF TIME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED 17. TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF.

18. REFER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS. 19 THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT 20.CONTRACTOR IS RESPONSIBLE FOR ALL SOILS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOILS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE TOWN INSPECTOR AND SHALL COMPLY WITH TOWN STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING SOILS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING

21.ALL COPIES OF SOILS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY 22 IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOILS. THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND TOWN SPECIFICATIONS 23.THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND PREPARATION IN THE BUILDING PAD.

24 DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING. THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE

PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION 26.THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR BY OTHER MEANS APPROVED BY THE TOWN, AT NO ADDITIONAL COST TO THE OWNER. 27 CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS NEEDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL INFORMATION

25.CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF THE

AFFECT THE GRADING PLAN TO THE CIVIL ENGINEER. 29.CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND PROPOSED SITE GRADING, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PRESERVATION PLAN BY THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING THE WORK 30.TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWN STANDARD TREE PROTECTION DETAILS AND THE APPROVED TREE

28.EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE FIELD THAT

PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT 31.CONTRACTOR SHALL REFER TO THE LANDSCAPING AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS REGARDING EXISTING TREES TO BE REMOVED AND PRESERVED. 32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE TOWN, OR TOWN HAS OTHERWISE CONFIRMED IN WRITING

THAT ONE IS NOT NEEDED FOR THE TREE(S). PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM. 34.AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR

EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY AREAS OF POOR DRAINAGE ARE 35. CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE CIVIL ENGINEER IS OBTAINED

RETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS AT THE TOP AND RETAINING WALL TYPE OR SYSTEM SHALL BE SELECTED BY THE OWNER.

3. RETAINING WALL DESIGN SHALL BE PROVIDED BY OTHERS AND SHALL FIT IN THE WALL ZONE OR LOCATION SHOWN ON THESE PLANS. STRUCTURAL DESIGN AND PERMITTING OF RETAINING WALLS, RAILINGS, AND OTHER WALL SAFETY DEVICES SHALL BE PERFORMED BY A LICENSED ENGINEER AND ARE NOT PART OF THIS PLAN SET 4. RETAINING WALL DESIGN SHALL MEET THE INTENT OF THE GRADING PLAN AND SHALL ACCOUNT FOR ANY INFLUENCE ON ADJACENT BUILDING FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTABILITY NOTES.

. ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE TOWN STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE TOWN SPECIFICATIONS SHALL 30.THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER. GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION/DETAIL SHALL BE FOLLOWED

2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING ALL ADDENDA. 3. ALL FIRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH TOWN STANDARDS AND DETAILS. IF THESE ARE DIFFERENT THAN THOSE IN THE GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED.

15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND SPECIFICATIONS. 5. CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL PAVING AND PAVING SUBGRADE TESTING SHALL BE COORDINATED WITH THE APPROPRIATE TOWN INSPECTOR. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING PAVING AND SUBGRADE. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR PAVING AND PAVING SUBGRADE TESTING

6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING SUBGRADE, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND TOWN SPECIFICATIONS. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING. THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING. IF NONE

IS CURRENTLY EXISTING : CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE TOWN STANDARD CONSTRUCTION DETAIL AND SPECIFICATIONS. 9. PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA AND TAS STANDARDS AND SHALL HAVE A DETECTABLE WARNING SURFACE THAT IS FULL WIDTH AND FULL DEPTH OF THE CURB RAMP, NOT INCLUDING FLARES.

10. ALL ACCESSIBLE RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA, TAS (LATEST EDITION), AND PROWAG (2011). 11. ANY COMPONENTS OF THE PROJECT SUBJECT TO RESIDENTIAL USE SHALL ALSO CONFORM TO THE FAIR HOUSING ACT, AND COMPLY WITH THE FAIR HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT 12. CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION 13. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, ACCESSIBLE PARKING SYMBOLS, AND

MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT AND PAVEMENT MARKINGS SHALL ADHERE TO TOWN AND OWNER STANDARDS. 14. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT 15. REFER TO TOWN STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT.

16. ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT, TOWN STANDARDS, AND ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE TOWN AND GEOTECHNICAL STANDARDS. 7. ALL JOINTS SHALL EXTEND THROUGH THE CURB.

18. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET. 19. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO BEGINNING ANY OF THE PAVING WORK. 20.ALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT.

ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE COMPLIANCE ISSUES.

26.BARRIER FREE RAMPS IN ROW SHALL BE CONSTRUCTED PER TXDOT STANDARDS

SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED TOWN INSPECTIONS.

21.FIRE LANES SHALL BE MARKED AND LABELED AS A FIRELANE PER TOWN STANDARDS 22.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. 23. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT. ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, IRRIGATION, AND ARCHITECT) SHALL BE CONSULTED.

24 REFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, TAS, AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN 25 CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIEY THAT ADA/TAS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE

ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH TOWN STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS 2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM

: THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS

4. 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. 5. FLOW LINE, TOP-OF-CURB, RIM, THROAT, AND GRATE ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN AND FIELD CONDITIONS PRIOR TO THEIR INSTALLATION. 6. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO TOWN PUBLIC WORKS STANDARD DETAILS AND

7. ALL PRIVATE STORM SEWER CONSTRUCTION. PIPE. STRUCTURES. AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED TOWN INSPECTIONS. 8. ALL PVC TO RCP CONNECTIONS AND ALL STORM PIPE CONNECTIONS ENTERING STRUCTURES OR OTHER STORM PIPES SHALL HAVE A CONCRETE COLLAR AND BE GROUTED TO ASSURE THE CONNECTION IS WATERTIGHT

9. ALL PUBLIC STORM SEWER LINES SHALL BE MINIMUM CLASS III RCP. PRIVATE STORM SEWER LINES 18-INCHES AND GREATER SHALL BE CLASS III RCP OR

OTHER APPROVED MATERIAL. 10 WHERE COVER EXCEEDS 20-FEET OR IS LESS THAN 2-FEET, CLASS IV RCP SHALL BE USED. 11. IF CONTRACTOR PROPOSES TO USE HDPE OR PVC IN LIEU OF RCP FOR PRIVATE STORM SEWER, CONTRACTOR SHALL SUBMIT TECHNICAL DATA TO THE OWNER, ENGINEER AND TOWN ENGINEER/INSPECTOR FOR APPROVAL PRIOR TO ORDERING THE MATERIAL. ANY PROPOSED HDPE AND PVC SHALL BE

12. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES. 13.EMBEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER TOWN STANDARD DETAILS. 14. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.

15. USE 4 FOOT JOINTS WITH BEVELED ENDS IF RADIUS OF STORM SEWER IS LESS THAN 100 FEET. 16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE TOWN PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH TOWN, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE TOWN 17. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER

ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT. : FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR POND LINER SPECIFICATIONS.

A GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL POND LINER MATERIAL, PLACEMENT PROCEDURES, AND PROVIDE TESTING TO ENSURE THE POND LINER MATERIAL PLACED IS WATERTIGHT . STORM SEWER PIPES AND HEADWALLS THAT CONNECT TO A POND INTENDED TO HOLD WATER INDEFINITELY SHALL BE INSTALLED WITH WATERTIGHT JOINTS TO AT LEAST 1-FOOT ABOVE THE NORMAL POOL WATER SURFACE ELEVATION.

ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE POND SHALL BE ELIMINATED FOR AT LEAST 20-FEET FROM THE POND SO NO ROUTE FOR WATER TO LEAK THROUGH THE EMBEDMENT MATERIAL IS PROVIDED. BACKFILL IN THESE AREAS SHALL BE OF IMPERVIOUS MATERIAL 6. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE WATER LEVEL FOLLOWING COMPLETION AND FILLING OF THE POND SHALL BE MONITORED BY THE CONTRACTOR FOR AT LEAST 60 DAYS TO OBSERVE WATER INFLOW, OUTFLOW, AND CALCULATE EVAPORATION TO VERIFY THAT THE

FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION SO THAT IT REMAINS FULL TO ITS DESIGN WATER LEVEL, AND IS NOT LOWERED, AS THIS MAY DRY-OUT THE POND LINER AND RISK ITS WATERTIGHT PROPERTIES.

ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH TOWN STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. 3 CONTRACTOR SHALL VERIEY AND COORDINATE ALL DIMENSIONS SHOWN INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY

SERVICES ENTERING THE BUILDING. 4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE 5. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE WATER AND WASTEWATER IMPROVEMENTS

6. ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO TOWN PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED TOWN INSPECTIONS. : ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED TOWN INSPECTIONS. : FIRE SPRINKLER LINES SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR, AND COMPLY TO THE APPLICABLE CODES

AND INSPECTIONS REQUIRED. THESE PLANS WERE PREPARED WITHOUT THE BENEFIT OF THE FIRE SPRINKLER DESIGN. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES. 9. EMBEDMENT FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER TOWN STANDARD DETAILS. 10. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY TOWN, TCEQ, AND AWWA STANDARDS, TO KEEP WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS.

11. CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES 12. ALL WATER AND WASTEWATER SERVICES SHALL TERMINATE 5-FEET OUTSIDE THE BUILDING. UNLESS NOTED OTHERWISE 13. CONTRACTOR SHALL COMPLY WITH TOWN REQUIREMENTS FOR WATER AND WASTEWATER SERVICE DISRUPTIONS AND THE AMOUNT OF PRIOR NOTICE THAT IS REQUIRED, AND SHALL COORDINATE DIRECTLY WITH THE APPROPRIATE TOWN DEPARTMENT 14. CONTRACTOR SHALL SEQUENCE WATER AND WASTEWATER CONSTRUCTION TO AVOID INTERRUPTION OF SERVICE TO SURROUNDING PROPERTIES. 15. CONTRACTOR SHALL MAINTAIN WATER SERVICE AND WASTEWATER SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION (IF NECESSARY, BY

USE OF TEMPORARY METHODS APPROVED BY THE TOWN AND OWNER). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED 16. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND WASTEWATER LINES CROSSING THE PROJECT. THE CONTRACTOR SHALL REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS, AND SANITARY SEWER SERVICES ARE SUBSIDIARY TO THE WORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED 17. VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED SURFACE GRADE OF THE PROPOSED PAVEMENT. 18. THE ENDS OF ALL EXISTING WATER MAINS THAT ARE CUT, BUT NOT REMOVED, SHALL BE PLUGGED AND ABANDONED IN PLACE. THIS WORK SHALL BE

CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 19. ALL FIRE HYDRANTS, VALVES, TEES, BENDS, WYES, REDUCERS, FITTINGS, AND ENDS SHALL BE MECHANICALLY RESTRAINED AND/OR THRUST BLOCKED TO TOWN STANDARDS. 20.CONTRACTOR SHALL INSTALL A FULL SEGMENT OF WATER OR WASTEWATER PIPE CENTERED AT ALL UTILITY CROSSINGS SO THAT THE JOINTS ARE GREATER THAN 9-FEET FROM THE CROSSING. 21.ALL CROSSINGS AND LOCATIONS WHERE WASTEWATER IS LESS THAN 9-FEET FROM WATER, WASTEWATER CONSTRUCTION AND MATERIALS SHALL COMPLY WITH TCFQ CHAPTER 217 53 22.ALL CROSSING AND LOCATIONS WHERE WATER IS LESS THAN 9-FEET FROM WASTEWATER, WATER CONSTRUCTION AND MATERIALS SHALL COMPLY WITH

TCEQ CHAPTER 290.44. 23.ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE TOWN, AWWA, AND TCEQ STANDARDS AND SPECIFICATIONS. AT A MINIMUM, THIS SHALL CONSIST OF THE FOLLOWING 33.NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES SHALL BE + HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE. CONTRACTOR SHALL COORDINATE

WITH THE TOWN FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEO REGULATIONS. b. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE TOWN FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. AFTER COMPLETION OF THESE TESTS, A TELEVISION INSPECTION SHALL BE

PERFORMED AND PROVIDED TO THE TOWN AND OWNER ON A DVD

24.CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWATER LINES. MARKER DECALS SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND MARKING TAPE SHALL COMPLY WITH TOWN STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER PIPE. 25.DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT IS AT LEAST A SINGLE LAYER OF 8-MIL. ALL DUCTILE IRON JOINTS SHALL BE BONDED. 26.WATERLINES SHALL BE INSTALLED AT NO LESS THAN THE MINIMUM COVER REQUIRED BY THE TOWN.

27.CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT ALL CHANGES IN DIRECTION AND 100-FOOT INTERVALS, OR AS REQUIRED BY THE APPLICABLE PLUMBING CODE. CLEAN-OUTS REQUIRED IN PAVEMENT OR SIDEWALKS SHALL HAVE CAST IRON COVERS FLUSH WITH FINISHED GRADE. 28.CONTRACTOR SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.G. FLOOR

ELEVATION OF FIXTURE UNIT IS BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER). CONTRACTOR SHALL REVIEW BOTH MEP AND CIVIL PLANS TO CONFIRM WHERE THESE ARE REQUIRED. 29. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS. TO THE TOWN PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH TOWN, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE TOWN.

ABBREVIATIONS AND DEFINITIONS:

AMERICANS WITH DISABILITIES ACT AMERICAN WATER WORKS ASSOCIATION BACK TO BACK BEGIN CURVE BACK OF CURB BEGIN CURB RETURN BEST MANAGEMENT PRACTICE BACK OF CURB BEGIN VERTICAL CURVE ELEVATION BEGIN VERTICAL CURVE STATION **BOTTOM OF WALL** CUBIC FEET PER SECOND CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT JURISDICTION CITY CENTERLINE CENTERLINE CONC CONCRETE CUBIC YARD DEMOLITION DECOMPOSED GRANITE

END CURB RETURN EXISTING GROUND ELEVATION ELECTRICAL / ELECTRICITY ELEVATION UNITES STATES ENVIRONMENTAL PROTECTION AGENCY FASEMENT

END VERTICAL CURVE STATION FACE TO FACE FINISHED GROUND FIRE HYDRANT FLOW LINE FACE OF CURB

LINEAR FEET

END CURVE

FEET HYDRAULIC GRADE LINE KIMLEY-HORN AND ASSOCIATES, INC KIMLEY-HORN AND ASSOCIATES, INC

END VERTICAL CURVE ELEVATION

MAXIMUM MATCH EXISTING ELEVATION MANHOLE MINUTE / MINIMUM NUMBER

NOTICE OF INTENT, REF. TCEQ GENERAL PERMIT NOTICE OF TERMINATION, REF. TCEQ GENERAL PERMIT NOT TO SCALE ON CENTER

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION POINT OF CURVATURE PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CURVATURE PROPOSED GRADE LINE POINT OF INFLECTION

PROPOSED POINT OF REVERSE CURVATURE POUNDS PER SQUARE INCH POINT OF TANGENCY POLYVINYL CHLORIDE POINT OF VERTICAL INFLECTION PAVEMENT REINFORCED CONCRETE PIPE RIGHT OF WAY

SQUARE FEET SANITARY SEWER SANITARY SEWER MANHOLE STATION STANDARD

SQUARE YARD ARCHITECTURAL BARRIERS TEXAS ACCESSIBILITY STANDARDS TOP OF CURB

TEXAS COMMISSION OF ENVIRONMENTAL QUALITY **TEMPORARY** TEXAS DEPARTMENT OF TRANSPORTATION TXMUTCD TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

TOP OF WALL TYPICAL VERTICAL CURVE WATER

WASTEWATER

TELECOM COMPANY (AT&T), BRETT LAMM, 972-649-8732, BL8576@ATT.COM 2. CABLE COMPANY (AT&T), BRETT LAMM, 972-649-8732, BL8576@ATT.COM ELECTRIC COMPANY (ONCOR), KAREN EASTMAN, 917-980-8973,

KAREN EASTMAN@ONCOR.COM

GAS COMPANY (ATMOS ENERGY), BRANDON BALL, 972-360-4428, ANDON BALL@ATMOSENERGY.COM

972-450-2849, JSHROYER@ADDISONTX.GOV

TOWN OF ADDISON WATER/UTILITIES DEPARTMENT, JASON SHROYER,

THESE PLAN AND GENERAL NOTES REFER TO: GEOTECHNICAL ENGINEERING REPORT

ALPHA TESTING INC. REPORT NO. G140072 MARCH 18, 2014 INCLUDING ALL REVISIONS AND ADDENDA TO THIS REPORT THAT MAY HAVE BEEN RELEASED AFTER

THE NOTED DATE.

REFER TO TNRCC/TCEQ DESIGN GUIDELINES (CHAPTER 290) FOR ALL UTILITY CROSSINGS.

CONTRACTOR IS TO VERIFY

PRESENCE AND EXACT

LOCATION OF ALL UTILITIES

PRIOR TO CONSTRUCTION.

08/15/17 PROJECT NO. 63257052 SHEET NUMBER

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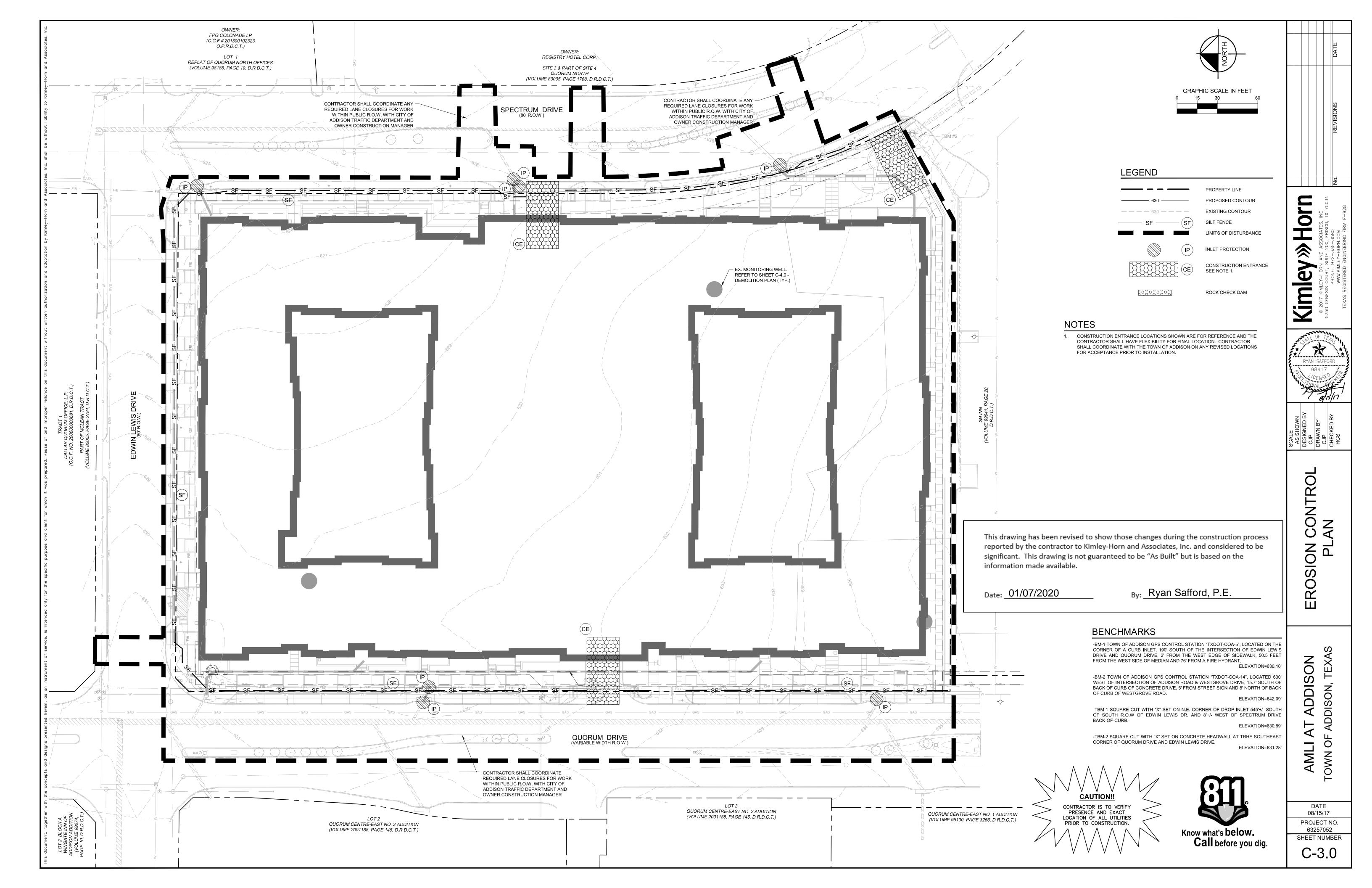
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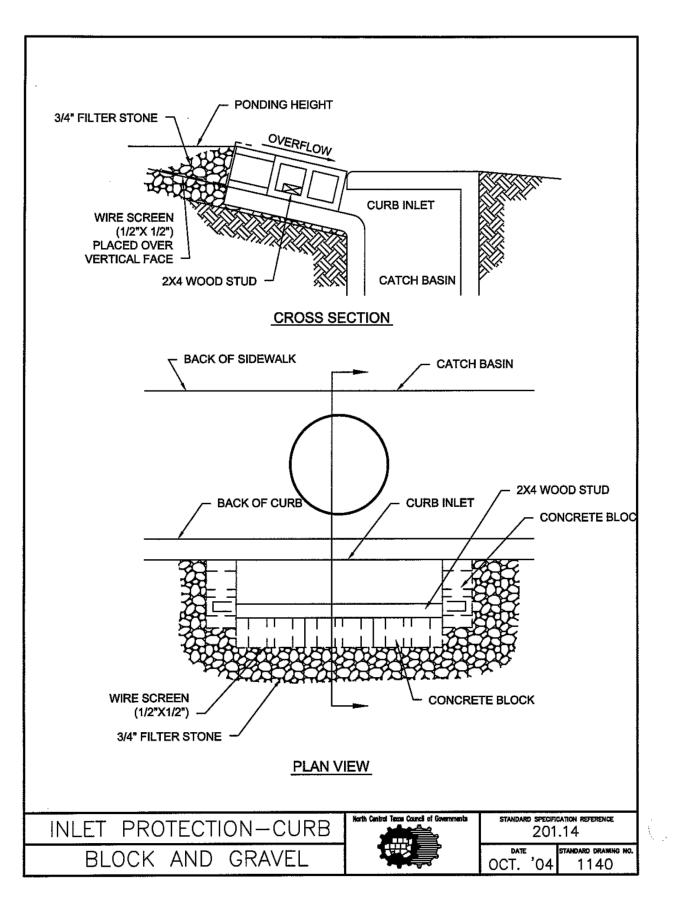
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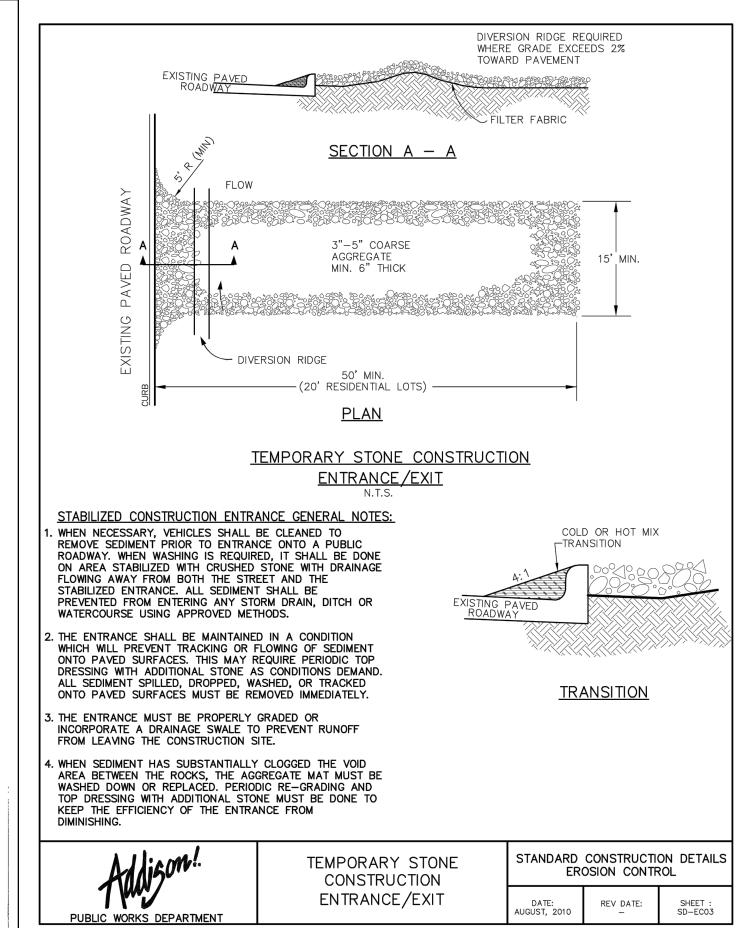
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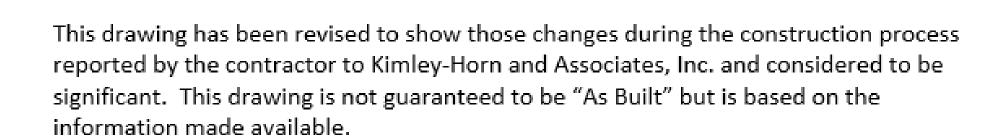
RYAN SAFFORI

DATE









Date: 01/07/2020 By: Ryan Safford, P.E. EROSION CONTROL PLAN NOTES

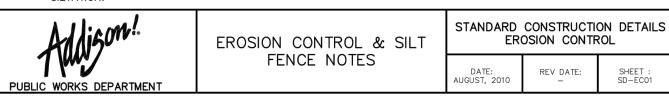
- 1. ALL OPERATORS AND/OR CONTRACTORS SHALL CONFORM TO THE TERMS AND CONDITIONS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), TPDES GENERAL PERMIT NO. TXR 150000 ISSUED AND DATED MARCH 5, 2003.
- 2. THE NOTICE OF INTENT (NOI), AS REQUIRED BY THE GENERAL PERMIT, MUST BE PROPERLY DISPLAYED ON 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
- 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.

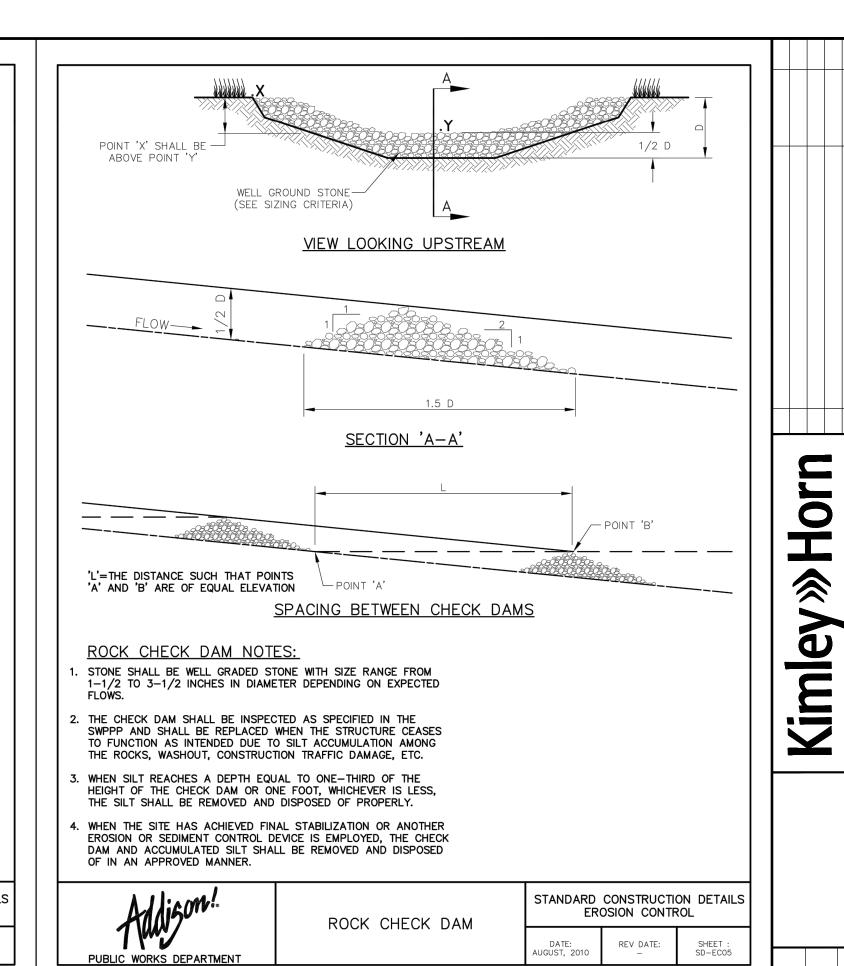
DIRECTION OF THE OPERATOR OR TOWN.

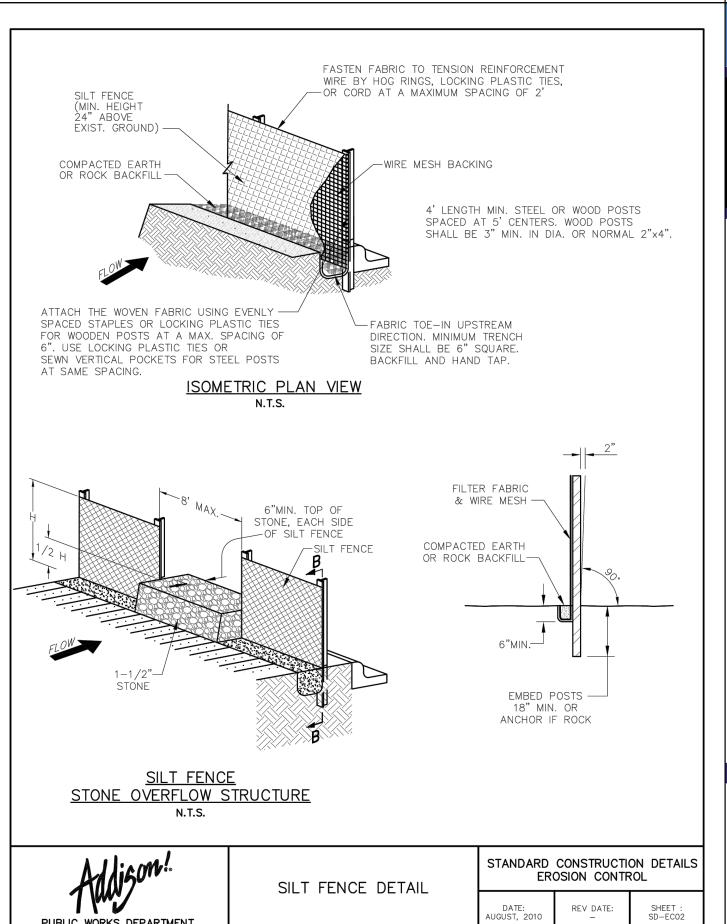
- 8. ACCUMULATED SILT DEPOSITS SHALL BE REMOVED FROM SILT FENCES AND HAY BALE DIKES
- WHEN SILT DEPTH REACHES THREE INCHES OR 25%. 9. THE CONTRACTOR SHALL ADD OR DELETE EROSION PROTECTION AT THE REQUEST AND
- 10. AFTER INSTALLATION OF PAVEMENT, FINAL LOT BENCHING AND GENERAL CLEANUP, THE CONTRACTOR SHALL 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
- 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
- 14. ALL HAZARDOUS MATERIALS SHALL BE HANDLED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SILT FENCE NOTES

- 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.
- 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 GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
- 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 MFFT
- 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 DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.









Control Done Right



Finally, a drain inlet filter that is affordable and simple to install and maintain. The yellow webbing secures the filter to the grate and doubles as lifting straps to quickly and easily remove the filter, grate and all, for simple cleaning. **YellowJackets** are designed to



2'x2' • 2'x3' • 2'x4' • 3'x4'

Product Specifications • Filter Bag

- Strapping
- UV Rating • Flow Rate
- Dimensions Maintenance
- 200 GPM (gallons per minute) 4 sizes available to fit many storm drains (call for details) Remove with built-in lifting straps, clean filter and replace

Weather resistant 2" polypropylene webbing

High strength woven geotextile w/ 20 - 30 sieve rating

All products manufactured by Pollution Solution, Inc



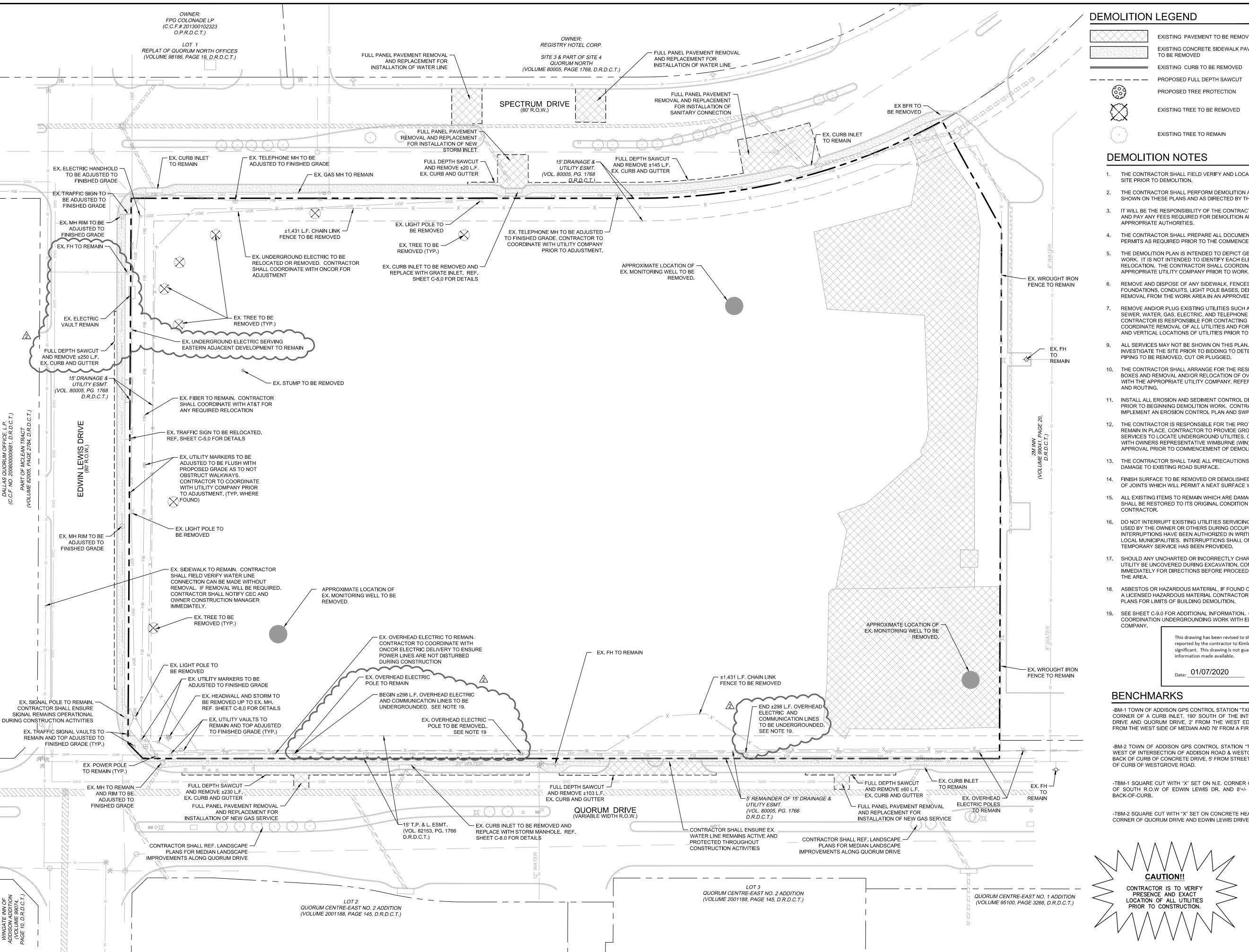
2 Locations To Serve Your Needs Pollution Solution, Inc. PSI/Colorado Wattle

903 Lucas Rd. 717 S. Country Rd. 9E Loveland, CO 80537 Lodi, CA 95242 Office: 303-944-4225 Office: 800-808-1774 Fax: 866-990-1527 Fax: 866-990-1527 www.coloradowattle.com www.psiyes.com

C-3.1

ON PLS EROSION

08/15/17 PROJECT NO. SHEET NUMBER



DEMOLITION LEGEND

EXISTING PAVEMENT TO BE REMOVED EXISTING CONCRETE SIDEWALK PAVEMENT TO BE REMOVED

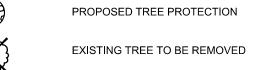
EXISTING CURB TO BE REMOVED

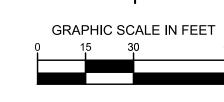
— — — — PROPOSED FULL DEPTH SAWCUT

PROPOSED TREE PROTECTION

EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED





DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO DEMOLITION.
- THE CONTRACTOR SHALL PERFORM DEMOLITION ACTIVITIES AS NOTED AND SHOWN ON THESE PLANS AND AS DIRECTED BY THE DEVELOPER.
- 3. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PERMITS AND PAY ANY FEES REQUIRED FOR DEMOLITION AND HAUL-OFF FROM THE
- 4. THE CONTRACTOR SHALL PREPARE ALL DOCUMENTS AND ACQUIRE APPROPRIATE PERMITS AS REQUIRED PRIOR TO THE COMMENCEMENT OF DEMOLITION.
- THE DEMOLITION PLAN IS INTENDED TO DEPICT GENERAL DEMOLITION AND UTILITY WORK, IT IS NOT INTENDED TO IDENTIFY EACH ELEMENT OF DEMOLITION OR RELOCATION. THE CONTRACTOR SHALL COORDINATE WITH THE DEVELOPER AND
- REMOVE AND DISPOSE OF ANY SIDEWALK, FENCES, STAIRS, WALLS, FOUNDATIONS, CONDUITS, LIGHT POLE BASES, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED LANDFILL.
- REMOVE AND/OR PLUG EXISTING UTILITIES SUCH AS STORM DRAINAGE, SANITARY SEWER, WATER, GAS, ELECTRIC, AND TELEPHONE AS SHOWN OR AS NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING EACH UTILITY COMPANY TO COORDINATE REMOVAL OF ALL UTILITIES AND FOR DETERMINING HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES PRIOR TO COMMENCING WORK.
- ALL SERVICES MAY NOT BE SHOWN ON THIS PLAN. THE CONTRACTOR SHALL INVESTIGATE THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF SERVICE PIPING TO BE REMOVED, CUT OR PLUGGED.
- 10. THE CONTRACTOR SHALL ARRANGE FOR THE RESETTING OF CURB BOXES, VALVE BOXES AND REMOVAL AND/OR RELOCATION OF OVERHEAD UTILITIES AND POLES WITH THE APPROPRIATE UTILITY COMPANY. REFERENCE MEP PLANS FOR PHASING
- 11. INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES AND TREE PROTECTION PRIOR TO BEGINNING DEMOLITION WORK. CONTRACTOR SHALL PROVIDE AND IMPLEMENT AN EROSION CONTROL PLAN AND SWPPP.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES TO REMAIN IN PLACE. CONTRACTOR TO PROVIDE GROUND PENETRATING RADAR SERVICES TO LOCATE UNDERGROUND UTILITIES. CONTRACTOR TO COORDINATE WITH OWNERS REPRESENTATIVE WIMBURNE (WIN) PHINNEY (214-841-8369) FOR APPROVAL PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES.
- 13. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO AVOID UNNECESSARY DAMAGE TO EXISTING ROAD SURFACE.
- 14. FINISH SURFACE TO BE REMOVED OR DEMOLISHED SHALL BE CUT ALONG LINES OF JOINTS WHICH WILL PERMIT A NEAT SURFACE WHEN RESTORED.
- 15. ALL EXISTING ITEMS TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE SOLE EXPENSE OF THE
- 16. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- 17. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN
- 18. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR. REFERENCE ARCHITECTURAL PLANS FOR LIMITS OF BUILDING DEMOLITION.
- 19. SEE SHEET C-9.0 FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL COORDINATION UNDERGROUNDING WORK WITH ELECTRIC AND COMMUNICATION

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: 01/07/2020

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

ELEVATION=630.89'

-TBM-2 SQUARE CUT WITH "X" SET ON CONCRETE HEADWALL AT TRHE SOUTHEAST CORNER OF QUORUM DRIVE AND EDWIN LEWIS DRIVE.

ELEVATION=631.28'





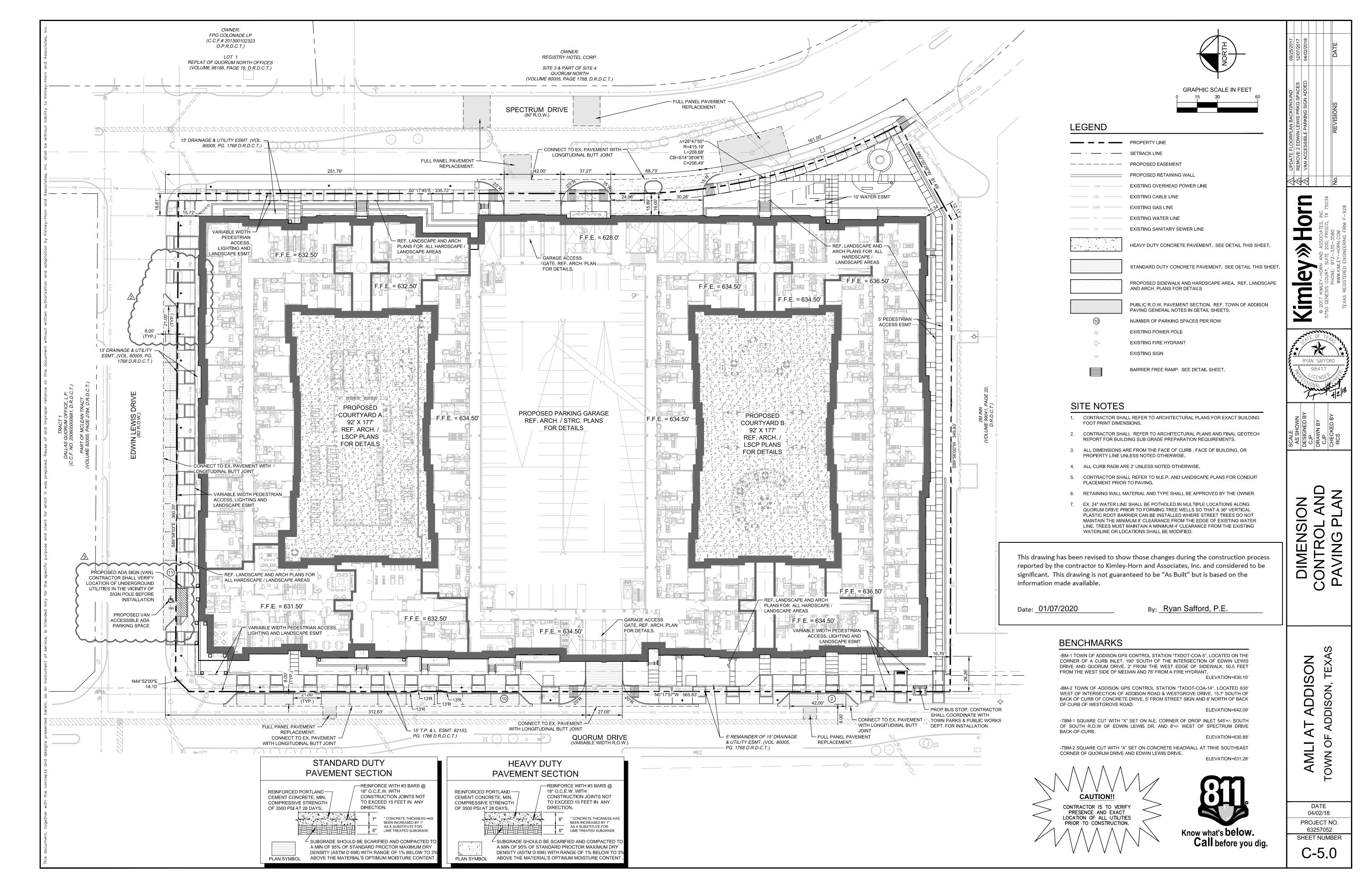
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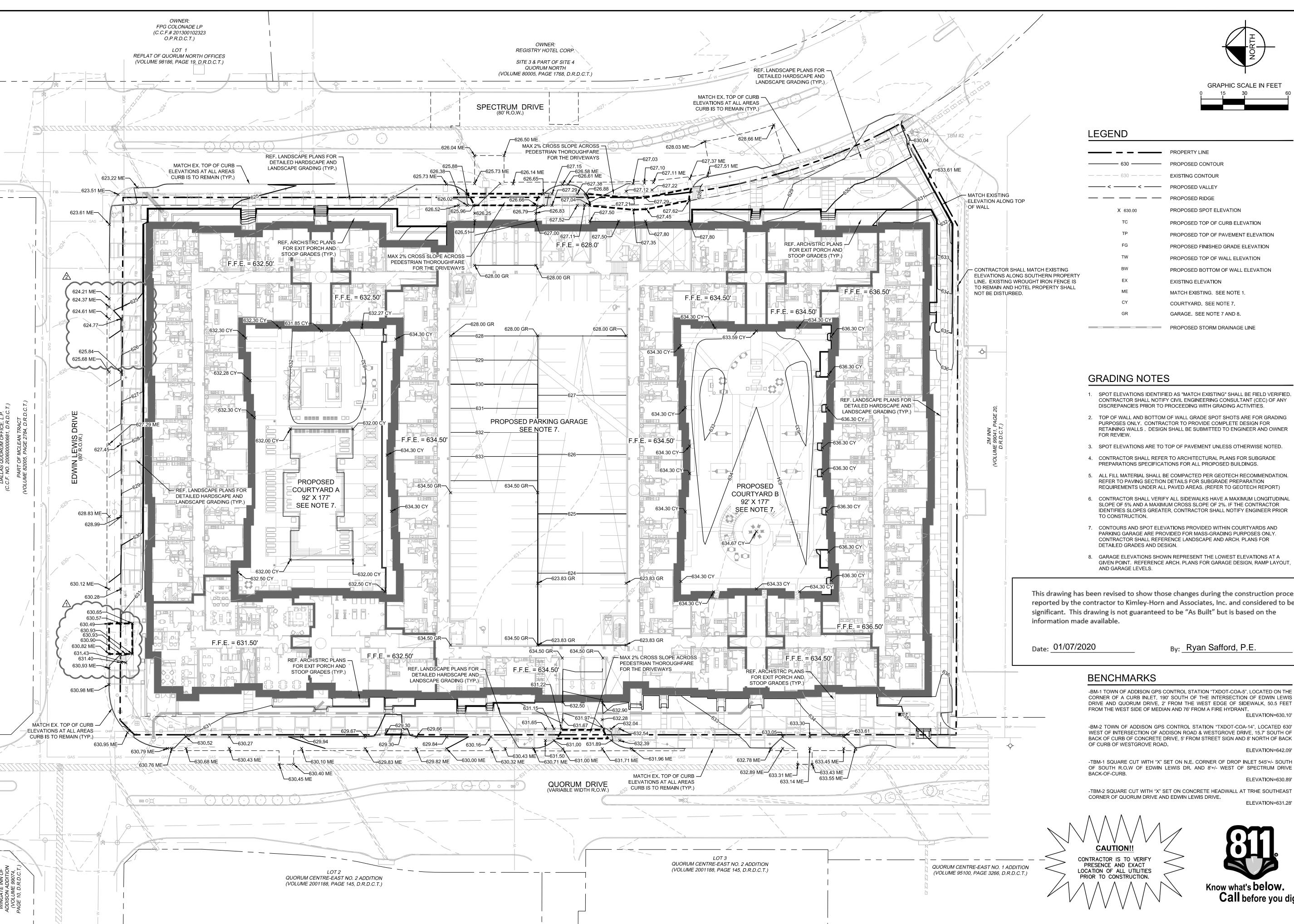
RYAN SAFFORD 98417

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DATE 12/19/17 PROJECT NO. 63257052

SHEET NUMBER C-4.0





GRAPHIC SCALE IN FEET

PROPERTY LINE — 630 — PROPOSED CONTOUR EXISTING CONTOUR — < — PROPOSED VALLEY PROPOSED RIDGE PROPOSED SPOT ELEVATION PROPOSED TOP OF CURB ELEVATION PROPOSED TOP OF PAVEMENT ELEVATION PROPOSED FINISHED GRADE ELEVATION PROPOSED TOP OF WALL ELEVATION PROPOSED BOTTOM OF WALL ELEVATION EXISTING ELEVATION MATCH EXISTING. SEE NOTE 1 COURTYARD. SEE NOTE 7. GARAGE. SEE NOTE 7 AND 8.

- 1. SPOT ELEVATIONS IDENTIFIED AS "MATCH EXISTING" SHALL BE FIELD VERIFIED. CONTRACTOR SHALL NOTIFY CIVIL ENGINEERING CONSULTANT (CEC) OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH GRADING ACTIVITIES.
- 2. TOP OF WALL AND BOTTOM OF WALL GRADE SPOT SHOTS ARE FOR GRADING PURPOSES ONLY. CONTRACTOR TO PROVIDE COMPLETE DESIGN FOR RETAINING WALLS . DESIGN SHALL BE SUBMITTED TO ENGINEER AND OWNER
- 3. SPOT ELEVATIONS ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
- 4. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR SUBGRADE PREPARATIONS SPECIFICATIONS FOR ALL PROPOSED BUILDINGS.
- 5. ALL FILL MATERIAL SHALL BE COMPACTED PER GEOTECH RECOMMENDATION. REFER TO PAVING SECTION DETAILS FOR SUBGRADE PREPARATION REQUIREMENTS UNDER ALL PAVED AREAS. (REFER TO GEOTECH REPORT)
- 6. CONTRACTOR SHALL VERIFY ALL SIDEWALKS HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%. IF THE CONTRACTOR IDENTIFIES SLOPES GREATER, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR
- PARKING GARAGE ARE PROVIDED FOR MASS-GRADING PURPOSES ONLY CONTRACTOR SHALL REFERENCE LANDSCAPE AND ARCH. PLANS FOR
- 8. GARAGE ELEVATIONS SHOWN REPRESENT THE LOWEST ELEVATIONS AT A GIVEN POINT. REFERENCE ARCH. PLANS FOR GARAGE DESIGN, RAMP LAYOUT,

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

By: Ryan Safford, P.E.

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'

BACK OF CURB OF CONCRETE DRIVE, 5' FROM STREET SIGN AND 8' NORTH OF BACK ELEVATION=642.09'

OF SOUTH R.O.W OF EDWIN LEWIS DR. AND 8'+/- WEST OF SPECTRUM DRIVE ELEVATION=630.89'

-TBM-2 SQUARE CUT WITH "X" SET ON CONCRETE HEADWALL AT TRHE SOUTHEAST CORNER OF QUORUM DRIVE AND EDWIN LEWIS DRIVE. ELEVATION=631.28'





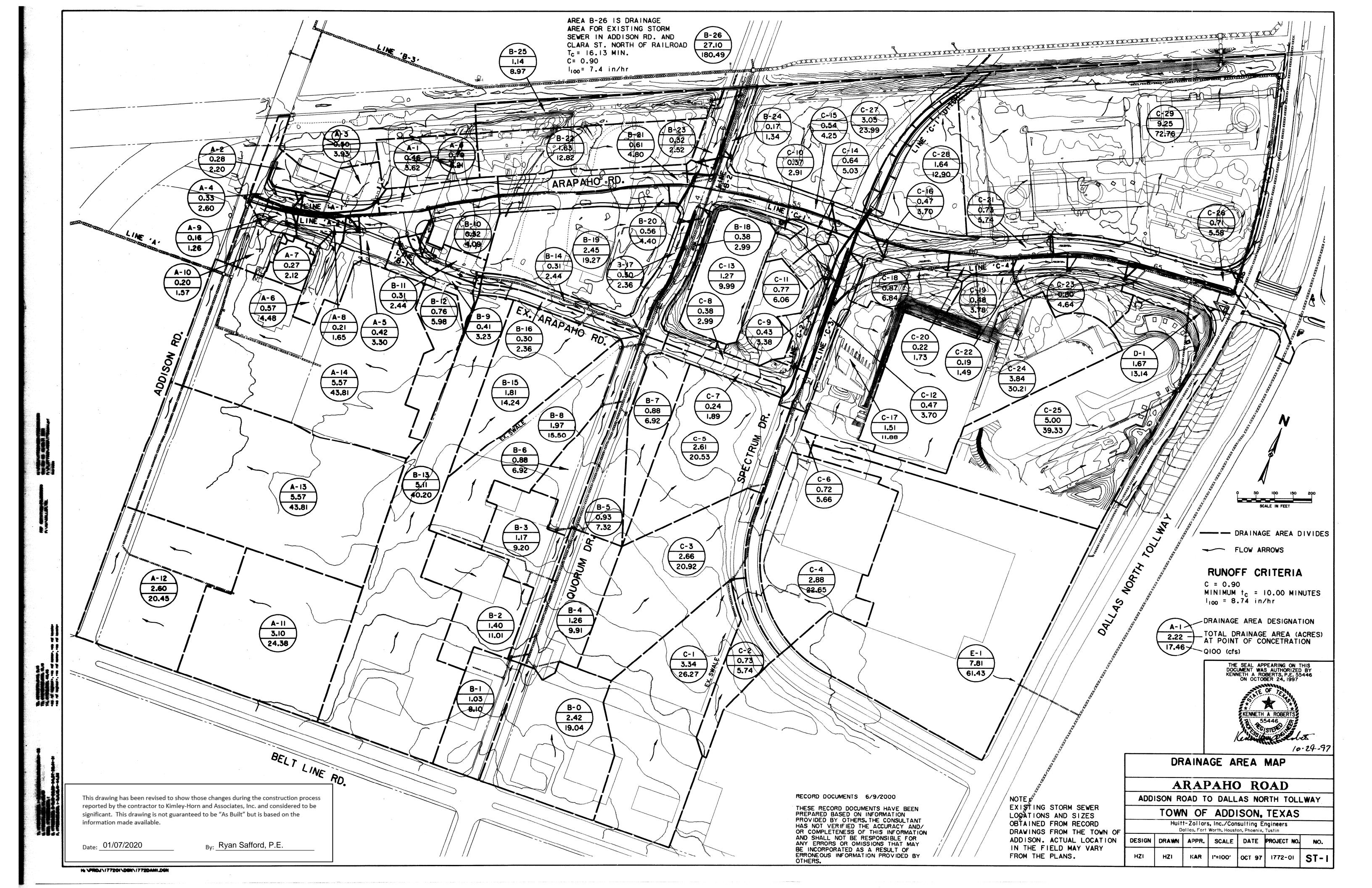
RYAN SAFFORD 98417

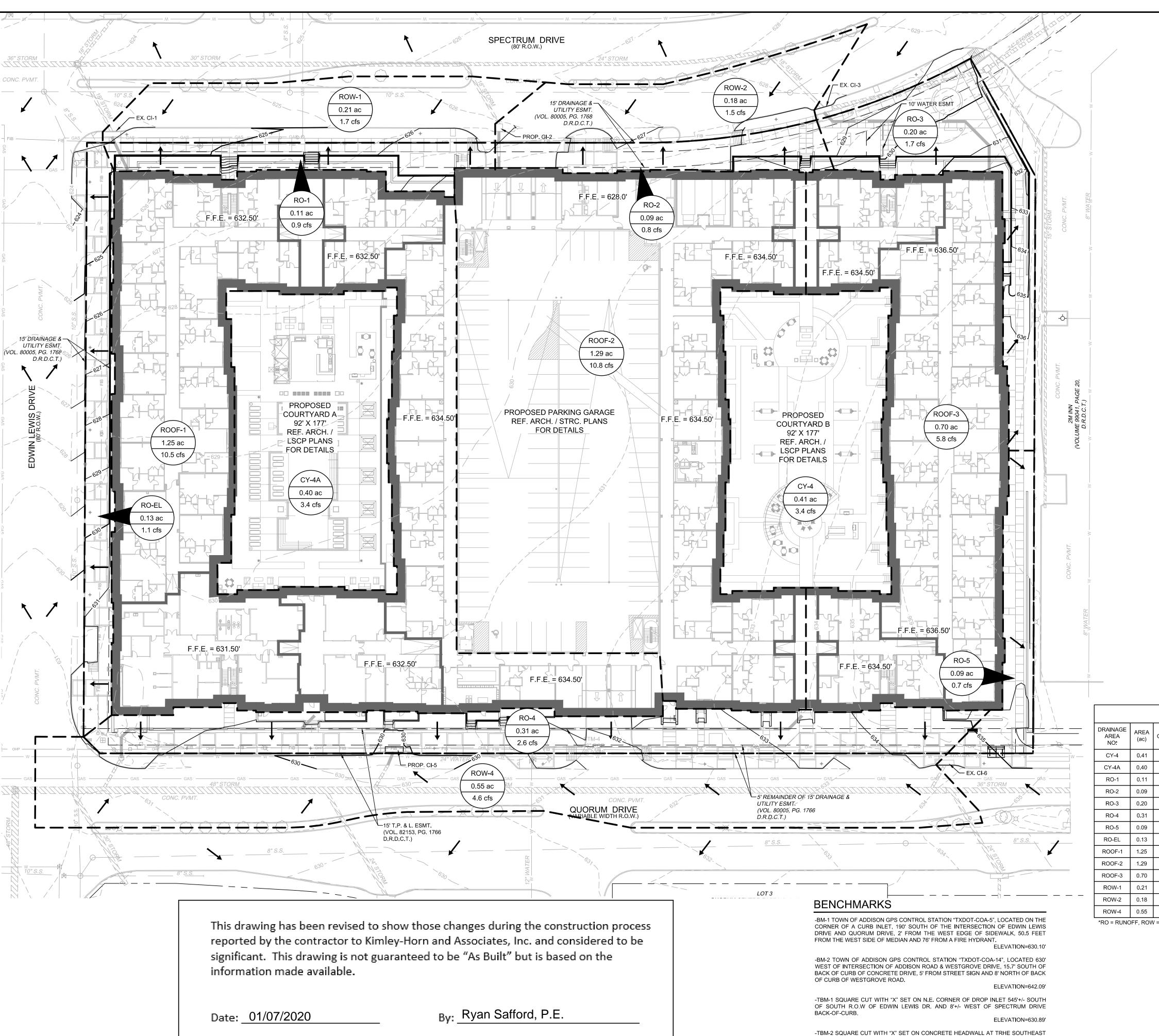
GRADING

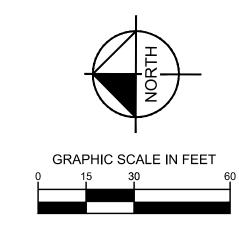
TOWN

DATE 12/19/17 PROJECT NO. 63257052 SHEET NUMBER

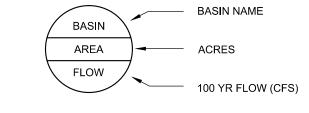
C-6.0







LEGEND



FLOW ARROW PROPOSED CONTOUR EXISTING CONTOUR ———630 — — PROPOSED STORM SEWER LINE EXISTING SANITARY SEWER LINE EXISTING WATER LINE PROPERTY LINE EXISTING STORM LINE

DRAINAGE AREA

DRAINAGE NOTES:

- 1. DRAINAGE PATTERNS DESIGNED TO ADHERE TO APPROVED DRAINAGE AREA MAP RECORD DRAWING ST-1: ARAPAHO ROAD FOR ADDISON ROAD TO DALLAS NORTH TOLLWAY DATED JUNE 9, 2000 BY HUITT-ZOLLARS, INC.
- 2. REFERENCE LANDSCAPE PLANS FOR DETAILED DRAINAGE PATTERNS IN LANDSCAPE AND HARDSCAPE AREAS.
- 3. DRAINAGE AREA MAP REPRESENTS MAJOR DRAINAGE DIVIDES FOR BUILDING AREAS. REFERENCE ARCHITECTURAL / MEP PLANS FOR DETAILED ROOF DRAINAGE PATTERNS.
- 4. REFERENCE LANDSCAPE PLANS FOR COURTYARD DRAINAGE.
- 5. DRAINAGE CRITERIA FOR THIS DRAINAGE AREA MAP IS BASED ON SURVEY AND TOWN OF ADDISON DRAINAGE REQUIREMENTS.

PROPOSED ON-SITE

DRAINAGE AREA (ACRES)

C*I100*A (CFS)

			DRA	INAGE AF	REA TABLE					
DRAINAGE AREA NO*	AREA (ac)	RUNOFF COEFFICIENT "C"	TIME OF CONCENTRATION (minutes)	RAINFALL INTENSITY "I"100 (in/hr)	TOTAL FLOW Q100 (cfs)	COLLECTION POINT				
CY-4	0.41	0.90	10	9.27	3.4	COURTYARD DRAINAGE TO STM-4. SEE NOTE 4.				
CY-4A	0.40	0.90	10	9.27	3.4	COURTYARD DRAINAGE TO STM-4A. SEE NOTE 4.				
RO-1	0.11	0.90	10	9.27	0.9	RUNOFF TO EX. CI-1. SEE NOTE 2				
RO-2	0.09	0.90	10	9.27	0.8	RUNOFF TO PROP. GI-2. SEE NOTE 2				
RO-3	0.20	0.90	10	9,27	1.7	RUNOFF TO EX. CI-3. SEE NOTE 2				
RO-4	0.31	0.90	10	9.27	2.6	RUNOFF TO PROP. CI-5. SEE NOTE 2				
RO-5	0.09	0.90	10	9.27	0.7	RUNOFF TO EX. CI-6. SEE NOTE 2				
RO-EL	0.13	0.90	10	9.27	1.1	RUNOFF TO EDWIN LEWIS DRIVE				
ROOF-1	1.25	0.90	10	9.27	10.5	ROOF DRAINAGE TO STM-1. SEE NOTE 3.				
ROOF-2	1.29	0.90	10	9.27	10.8	ROOF DRAINAGE TO STM-2. SEE NOTE 3.				
ROOF-3	0.70	0.90	10	9.27	5.8	ROOF DRAINAGE TO STM-3. SEE NOTE 3.				
ROW-1	0.21	0.90	10	9.27	1.7	ROW DRAINAGE TO EX. CI-1				
ROW-2	0.18	0.90	10	9.27	1.5	ROW DRAINAGE TO PROP. GI-2				
ROW-4	0.55	0.90	10	9.27	4.6	ROW DRAINAGE TO PROP. CI-5				

*RO = RUNOFF, ROW = RIGHT-OF-WAY, CY = COURTYARD

CORNER OF QUORUM DRIVE AND EDWIN LEWIS DRIVE.

ELEVATION=631.28'





DATE 08/15/17 PROJECT NO. 63257052 SHEET NUMBER

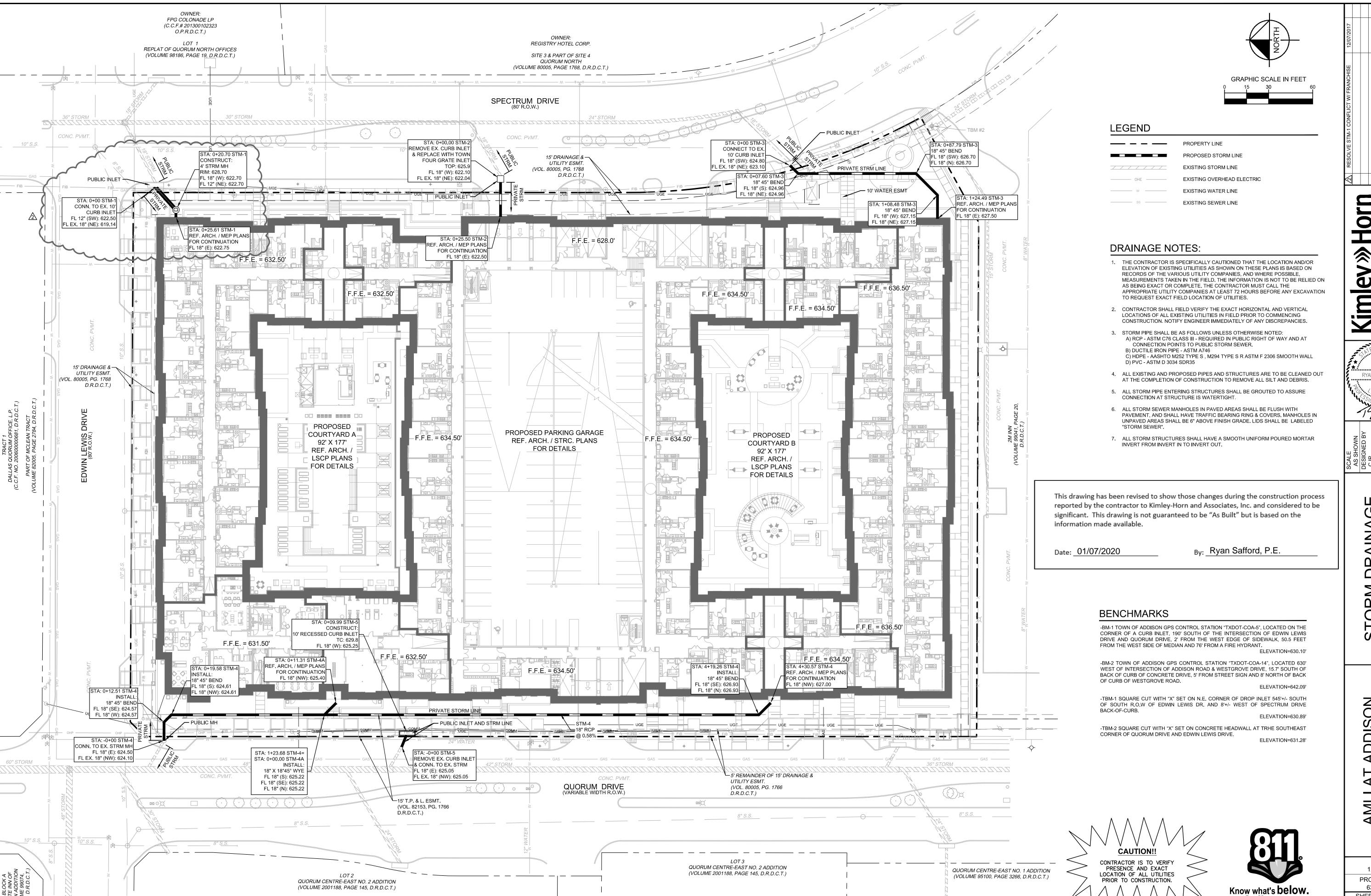
RYAN SAFFORD

98417

AF

DRAINAGE

C-7.0



RYAN SAFFORD 98417

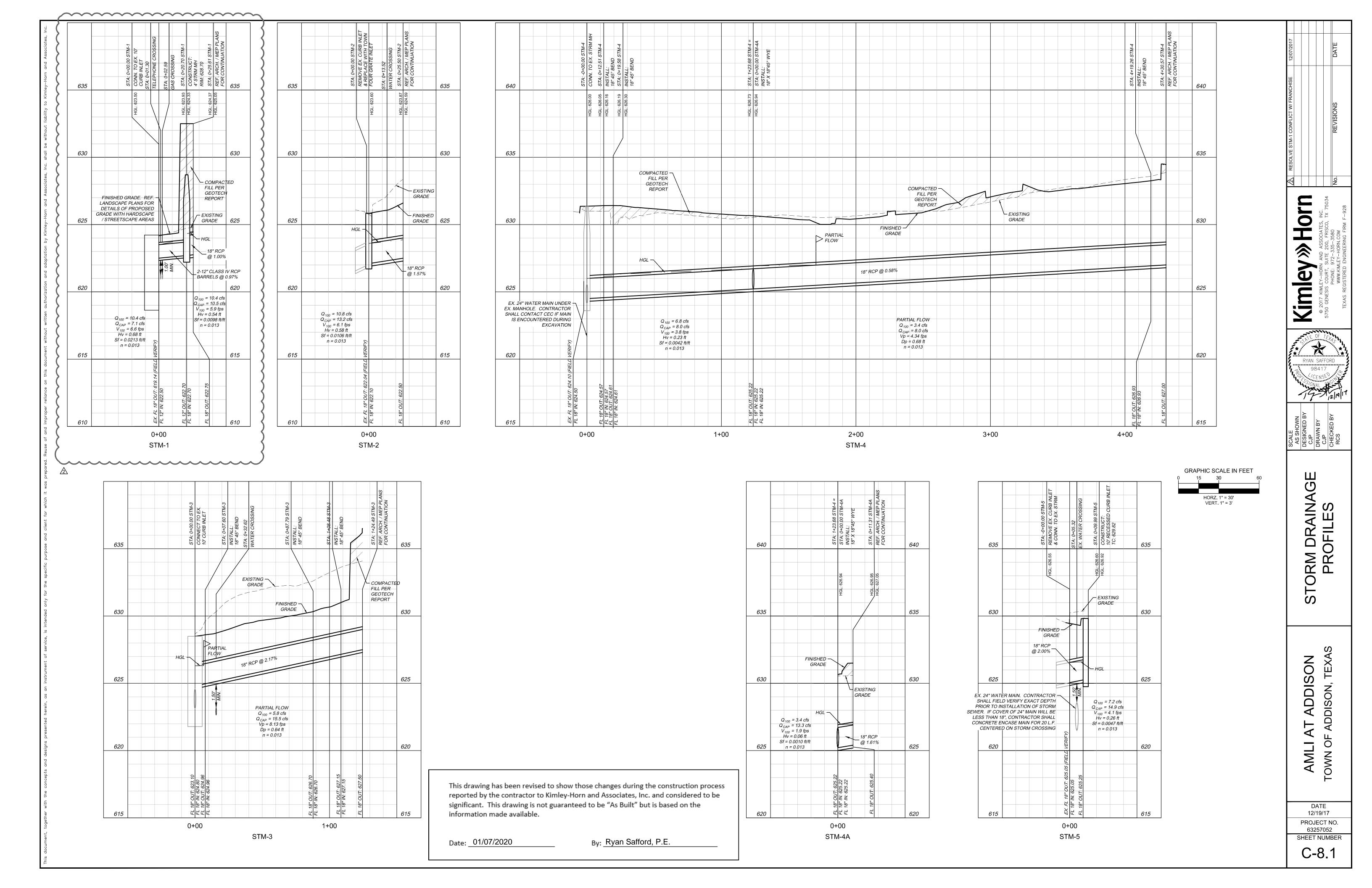
TORM

TOWN

DATE 12/19/17 PROJECT NO. 63257052 SHEET NUMBER

Call before you dig.

C-8.0



HYDRAULICS										HGL COMPUTATIONS									Flow										
STA.	STA.	Upstr.	Dist.	FL Elev.	TP Elev.	FL Elev.	TP Elev.	Pipe	Pipe	RCB	RCB	Flow	Mna's	Q indiv.	Q	Vel	V сар	Q cap	Friction	Friction	Velocity	Head loss	Minor	HGL ⊟	HGL EI	HGL EI	Throat El.	Type	
Dwstr.	Upstr.	Connection	Dist.	Dwstr.	Dwstr.	Upstr.	Upstr.	Slope	Dia	Width	Height	Area	Willig. 3	Q marv.	Q marv.	design	design	v cap	e cap	Slope	loss	Head	Coeff.	Losses	Dwstr.	Upstr.	Upstr.	IIII Oat L.	- 7,1
			ft					%	in	ft	ft	sf	(n)	cfs	cfs	fps	cfs	cfs	(s) ft/ft	ft	ft	(k)	ft		(outlet)	(inlet)			
STM-1	0+00.00																									621.50			
0+00.00	0+22.01	INLET	22.01	620.00	621.50	620.50	622.00	2.27%	18.00			1.77	0.013	10.4	10.4	5.9	9.0	15.8	0.0098	0.22	0.54	1.25	0.67	621.50	621.72	622.39	623.22	FULL FLOW	
STM-2	0+00.00																									623.60			
0+00.00	0+25.50	INLET	25.50	622.10	623.60	622.50	624.00	1.57%	18.00			1.77	0.013	10.8	10.8	6.1	7.4	13.2	0.0106	0.27	0.58	1.25	0.72	623.60	623.87	624.59	626.00	FULL FLOW	
STM-3	0+00.00																									626.30			
0+00.00	0+07.60	45B	7.60	624.80	626.30	624.96	626.46	2.17%	18.00			1.77	0.013	0.0	5.8	3.3	8.8	15.5	0.0030	0.02	0.17	0.47	0.10	626.30	626.32		-	PARTIAL	
0+07.60	0+87.79	45B	80.19	624.96	626.46	626.71	628.21	2.17%	18.00			1.77	0.013	0.0	5.8	3.3	8.8	15.5	0.0030	0.24	0.17	0.47	0.10				-	PARTIAL	
0+87.79	1+08.48	45B	20.69	626.71	628.21	627.15	628.65	2.17%	18.00			1.77	0.013	0.0	5.8	3.3	8.8	15.5	0.0030	0.06	0.17	0.47	0.10				Ē	PARTIAL	
1+08.48	1+24.49	INLET	16.01	627.15	628.65	627.50	629.00	2.17%	18.00			1.77	0.013	5.8	5.8	3.3	8.8	15.5	0.0030	0.05	0.17	1.25	0.21				632.50	PARTIAL	
STM-4	0+00.00																									626.00			
0+00.00	0+12.51	45B	12.51	624.50	626.00	624.57	626.07	0.58%	18.00			1.77	0.013	0.0	6.8	3.8	4.5	8.0	0.0042	0.05	0.23	0.47	0.11	626.00	626.05	626.16	-	FULL FLOW	
0+12.51	0+19.58	45B	7.07	624.57	626.07	624.61	626.11	0.58%	18.00			1.77	0.013	0.0	6.8	3.8	4.5	8.0	0.0042	0.03	0.23	0.47	0.11	626.16	626.19	626.30	-	FULL FLOW	
0+19.58	1+23.68	45Y	104.10	624.61	626.11	625.22	626.72	0.58%	18.00			1.77	0.013	3.4	6.8	3.8	4.5	8.0	0.0042	0.44	0.23	0.43	0.21	626.30	626.73	626.94	-	FULL FLOW	
1+23.68	4+19.26	45B	295.58	625.22	626.72	626.93	628.43	0.58%	18.00			1.77	0.013	0.0	3.4	1.9	4.5	8.0	0.0010	0.31	0.06	0.47	0.10	626.94	627.25		-	PARTIAL	
4+19.26	4+30.57	INLET	11.31	626.93	628.43	627.00	628.50	0.58%	18.00			1.77	0.013	3.4	3.4	1.9	4.5	8.0	0.0010	0.01	0.06	1.25	0.10				632.50	PARTIAL	
STM-4A	0+00.00																									626.94			
0+00.00	0+11.31	INLET	11.31	625.22	626.72	625.40	626.90	1.61%	18.00			1.77	0.013	3.4	3.4	1.9	7.5	13.3	0.0010	0.01	0.06	1.25	0.10	626.94	626.95	627.05	632.50	FULL FLOW	
									1																				
STM-5	0+00.00																									626.55			
0+00.00	0+09.99	INLET	9.99	625.05	626.55	625.25	626.75	2.00%	18.00			1.77	0.013	7.2	7.2	4.1	8.4	14.9	0.0047	0.05	0.26	1.25	0.32	626.55	626.60	626.92	629.30	FULL FLOW	

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: 01/07/2020

By: Ryan Safford, P.E.

EY-HORN AND ASSOCIATES, INC.
COURT, SUITE 200, FRISCO, TX 75034
WWW.KIMLEY-HORN.COM

No. RE

RYAN SAFFORD

98417

98417

OCENSE

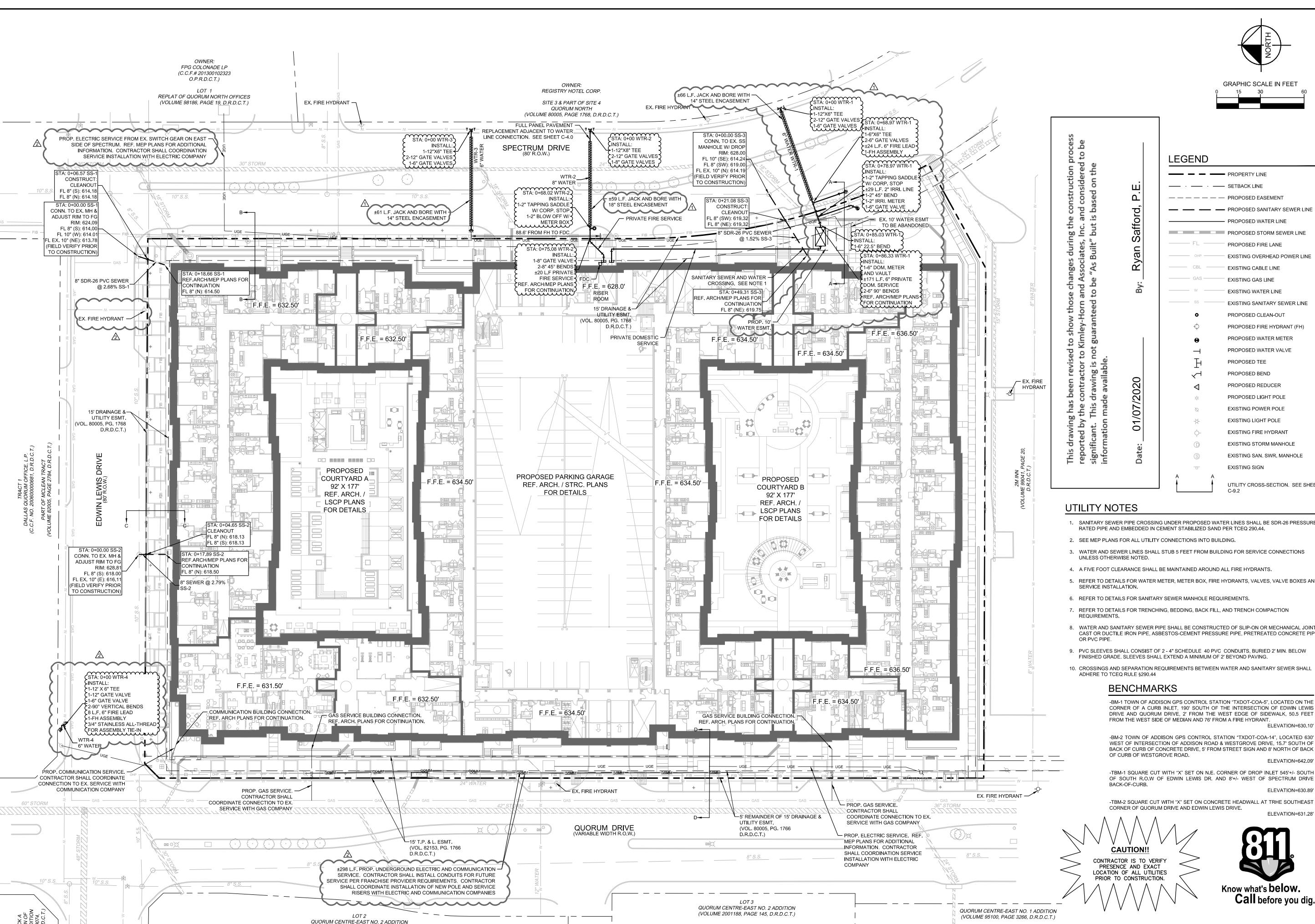
DESIGNED BY
CJP
CJP
CHECKED BY

STORM DRAINAGE CALCULATIONS

AMLI AT ADDISON TOWN OF ADDISON, TEXAS

DATE 08/15/17 PROJECT NO. 63257052 SHEET NUMBER

C-8.2



PROPERTY LINE --- · --- SETBACK LINE

---- PROPOSED EASEMENT PROPOSED SANITARY SEWER LINE PROPOSED WATER LINE

GRAPHIC SCALE IN FEET

PROPOSED STORM SEWER LINE PROPOSED FIRE LANE

EXISTING OVERHEAD POWER LINE EXISTING CABLE LINE

0

×

RYAN SAFFORD

98417

EXISTING GAS LINE EXISTING WATER LINE EXISTING SANITARY SEWER LINE

> PROPOSED CLEAN-OUT PROPOSED FIRE HYDRANT (FH) PROPOSED WATER METER

PROPOSED WATER VALVE PROPOSED TEE PROPOSED BEND

PROPOSED REDUCER PROPOSED LIGHT POLE

EXISTING POWER POLE EXISTING LIGHT POLE

EXISTING SIGN

EXISTING FIRE HYDRANT EXISTING STORM MANHOLE

EXISTING SAN. SWR. MANHOLE

UTILITY CROSS-SECTION. SEE SHEET

- 1. SANITARY SEWER PIPE CROSSING UNDER PROPOSED WATER LINES SHALL BE SDR-26 PRESSURE RATED PIPE AND EMBEDDED IN CEMENT STABILIZED SAND PER TCEQ 290.44.
- 2. SEE MEP PLANS FOR ALL UTILITY CONNECTIONS INTO BUILDING.
- 3. WATER AND SEWER LINES SHALL STUB 5 FEET FROM BUILDING FOR SERVICE CONNECTIONS
- 4. A FIVE FOOT CLEARANCE SHALL BE MAINTAINED AROUND ALL FIRE HYDRANTS.
- 5. REFER TO DETAILS FOR WATER METER, METER BOX, FIRE HYDRANTS, VALVES, VALVE BOXES AND
- 6. REFER TO DETAILS FOR SANITARY SEWER MANHOLE REQUIREMENTS.
- 7. REFER TO DETAILS FOR TRENCHING, BEDDING, BACK FILL, AND TRENCH COMPACTION
- 8. WATER AND SANITARY SEWER PIPE SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, ASBESTOS-CEMENT PRESSURE PIPE, PRETREATED CONCRETE PIPE,
- FINISHED GRADE. SLEEVES SHALL EXTEND A MINIMUM OF 2' BEYOND PAVING.
- 10. CROSSINGS AND SEPARATION REQUIREMENTS BETWEEN WATER AND SANITARY SEWER SHALL

-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'

BACK OF CURB OF CONCRETE DRIVE, 5' FROM STREET SIGN AND 8' NORTH OF BACK ELEVATION=642.09'

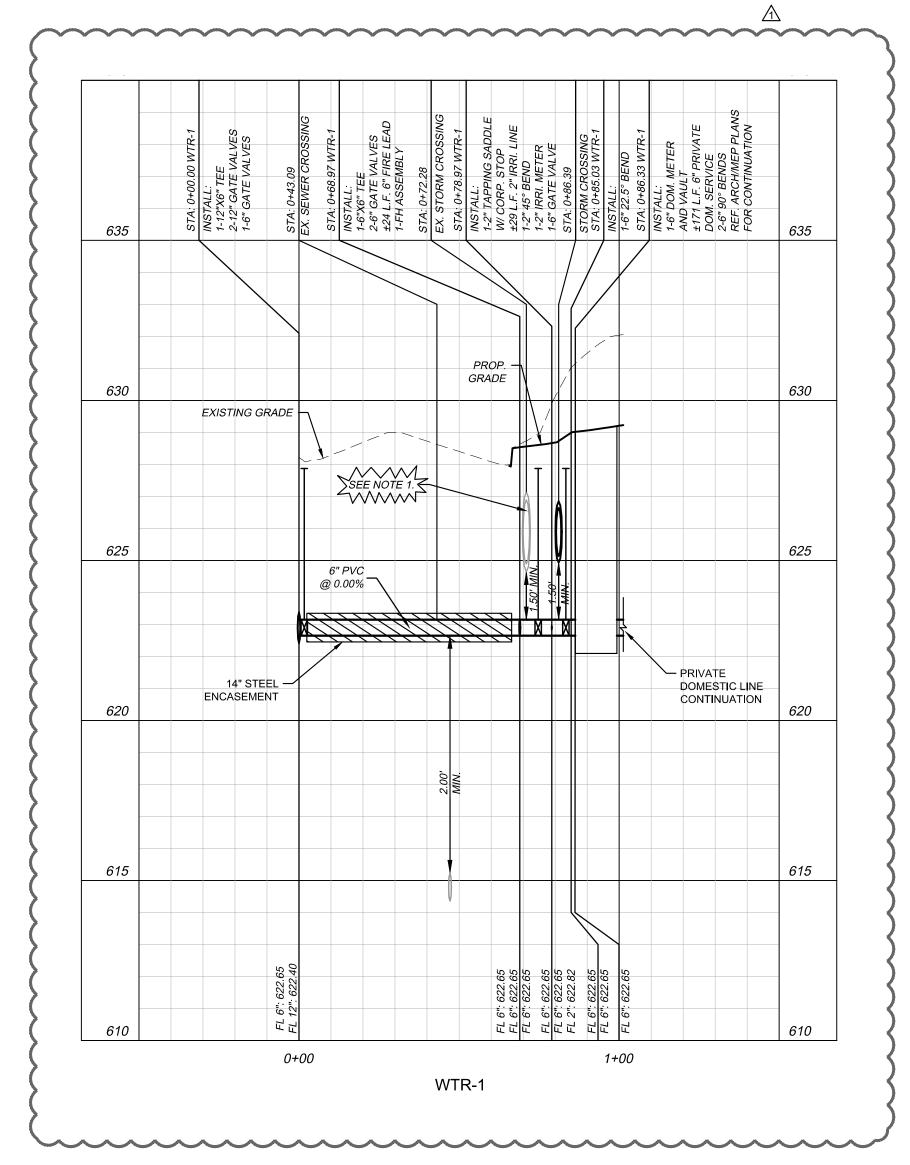
OF SOUTH R.O.W OF EDWIN LEWIS DR. AND 8'+/- WEST OF SPECTRUM DRIVE

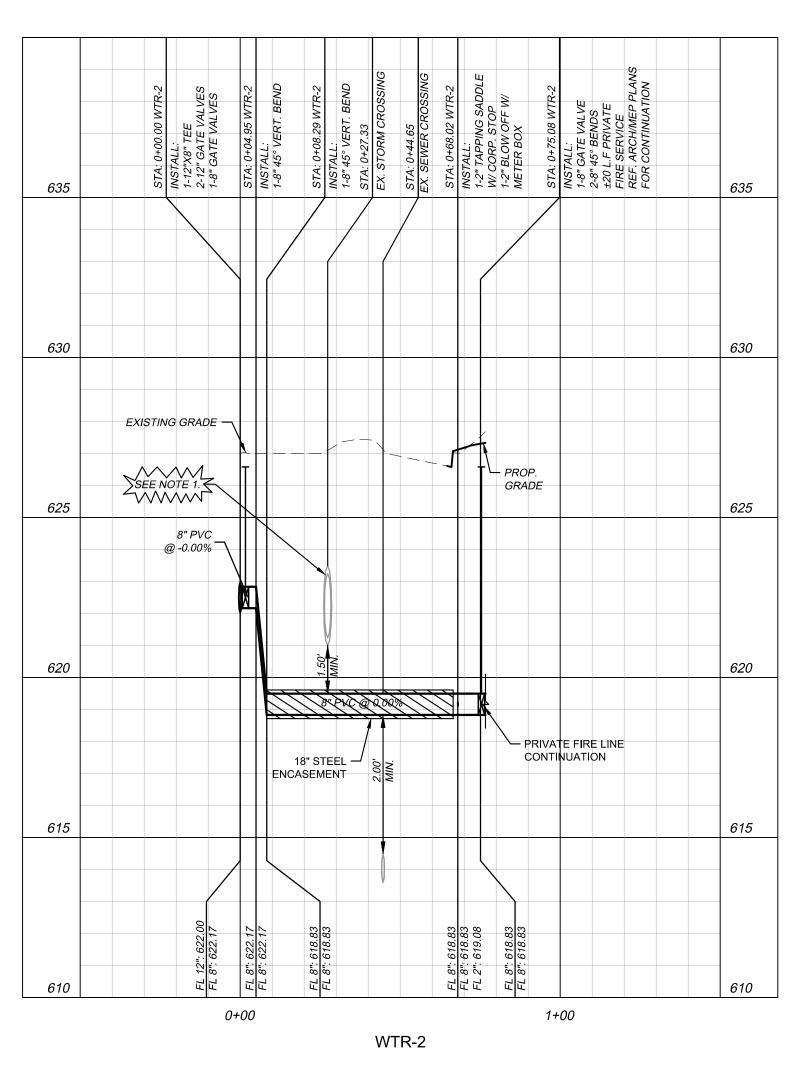
ELEVATION=631.28'

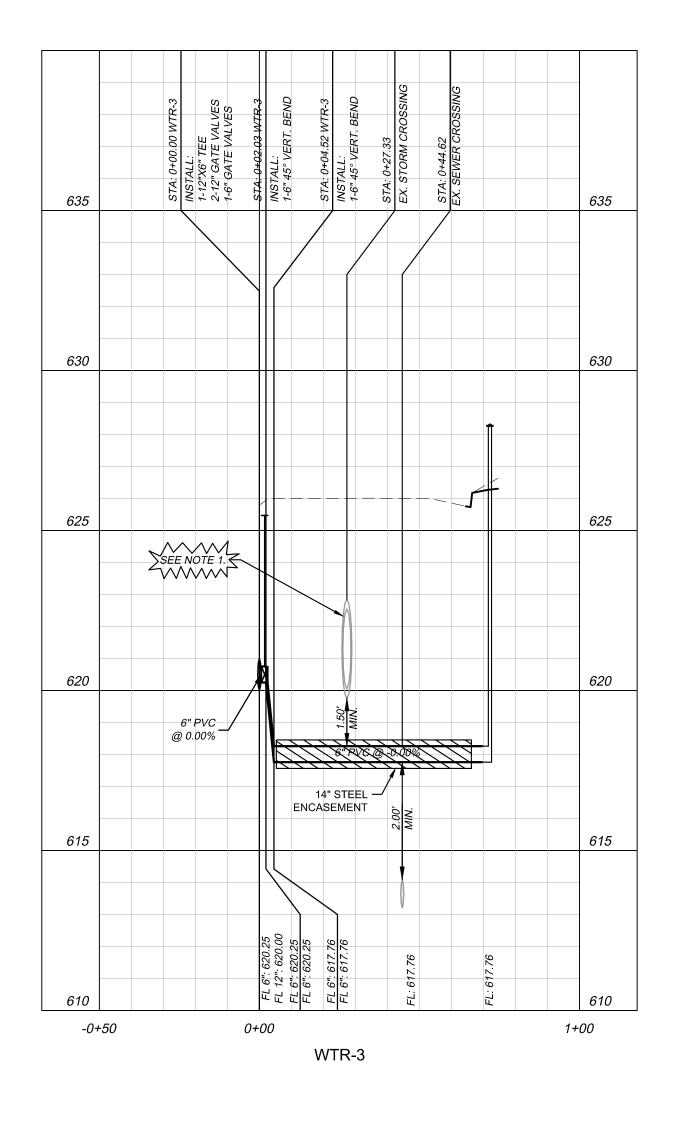
Know what's below. Call before you dig.

DATE 12/19/17 PROJECT NO. 63257052

SHEET NUMBER C-9.0







NOTE

1. APPROXIMATE DEPTH OF STORM SEWER LINES SHOWN. CONTRACTOR SHALL FIELD VERIFY EXACT DEPTH PRIOR TO INSTALLING WATER LINE.

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Date: 01/07/2020

By: Ryan Safford, P.E.

SHIFT WTR-1 NORTH / BORE SIZE UPDATE

No. REVISIONS

-HORN AND ASSOCIATES, INC.

JURT, SUITE 200, FRISCO, TX 75034

ONE: 972-335-3580

W.K.IMLEY-HORN.COM

FRED ENGINEERING FIRM F-928

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CJP DRAWN BY CJP CHECKED BY RCS

TILITY PROFILES

AMLI AT ADDISON TOWN OF ADDISON, TEXA

DATE 09/25/17 PROJECT NO. 63257052 SHEET NUMBER

C-9.1

AMLI BUILDING FACE —

REF. STRUCTURAL

PLANS FOR DETAILS

EXISTING GRADE --

SLAB FOOTING.

- LANDSCAPE

APPROX. LOCATION
OF EX. 24-FIBER

APPROX. LOCATION OF -

15.0' DRAINAGE AND UTILITY ESMT

CROSS-SECTION C-C

EX. LIGHT POLE
ELECTRIC SERVICE TO

BE REMOVED

PROPERTY LINE

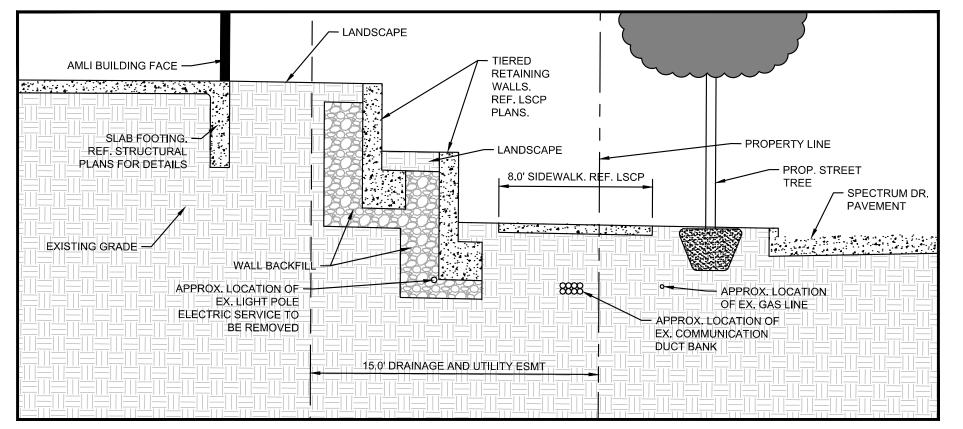
ON-STREET PARKING

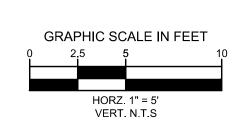
EDWIN LEWIS DR

PAVEMENT

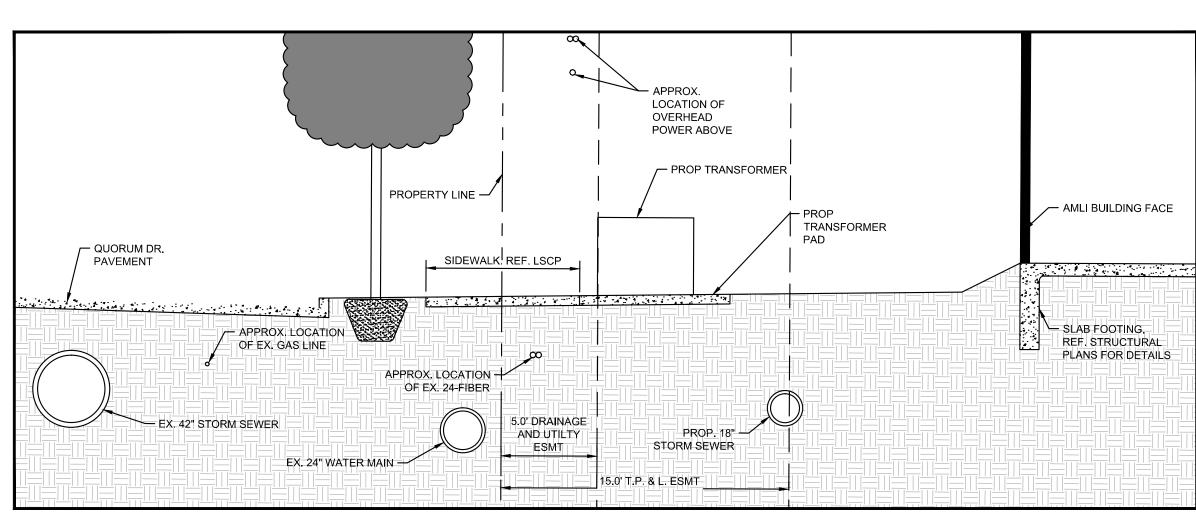
- EX. 10" SANITARY

SEWER





CROSS-SECTION B-B



CROSS-SECTION D-D

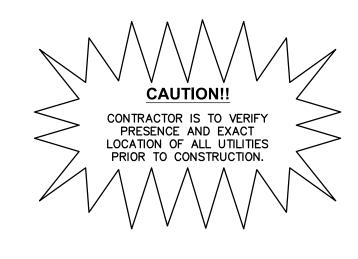
UTILITY NOTES

- CROSS-SECTIONS ARE PROVIDED FOR REFERENCE ONLY TO SHOW RELATIONSHIP BETWEEN PROPOSED IMPROVEMENTS AND EXISTING UTILITIES.
- 2. EXISTING UTILITY LOCATIONS ARE PROVIDED BASED ON HORIZONTAL SURVEY INFORMATION, RECORD DRAWINGS, AND INFORMATION PROVIDED BY THE INDIVIDUAL UTILITY COMPANIES. INFORMATION PROVIDED DOES NOT REPRESENT "AS-BUILT" CONDITIONS AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.
- 3. CONTRACTOR SHALL COORDINATE WITH FRANCHISE UTILITY COMPANIES AND THE TOWN OF ADDISON IN THE EVENT A UTILITY RELOCATION IS REQUIRED.

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: 01/07/2020

By: Ryan Safford, P.E.





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5750 GENESIS COURT, SUITE 200, FRISCO, TX 75034
PHONE: 972—335—3580
WWW.KIMLEY—HORN.COM
TEXAS REGISTERED ENGINEERING FIRM F—928

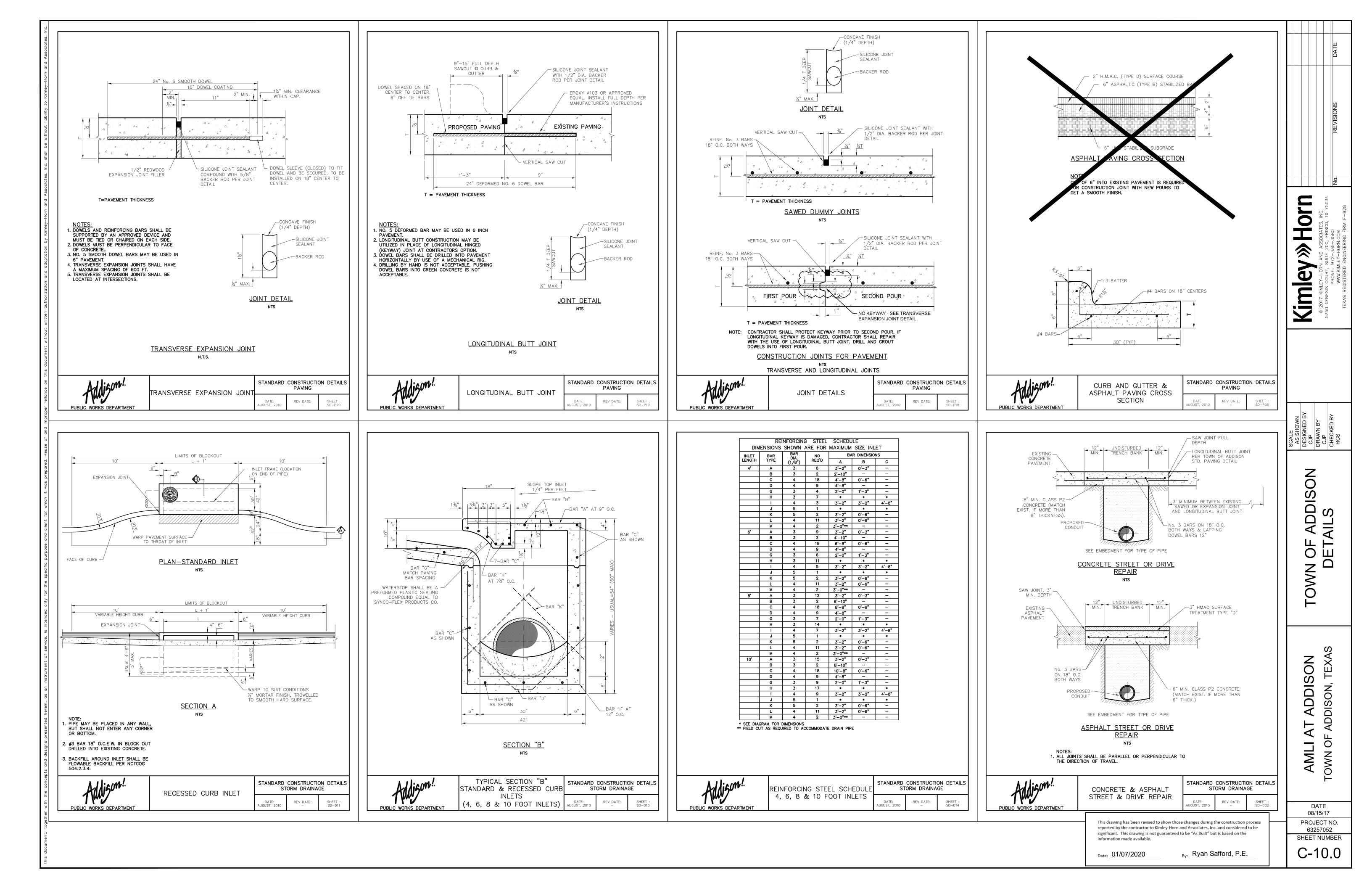
CJP DRAWN BY CJP CHECKED BY RCS

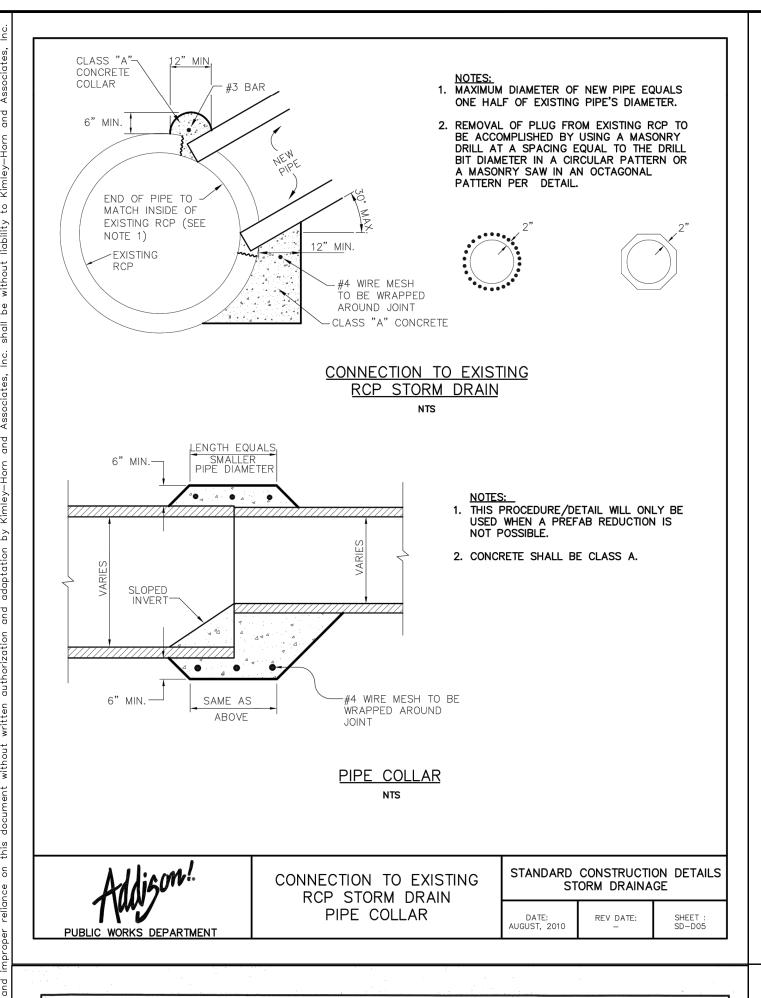
UTILITY CROS

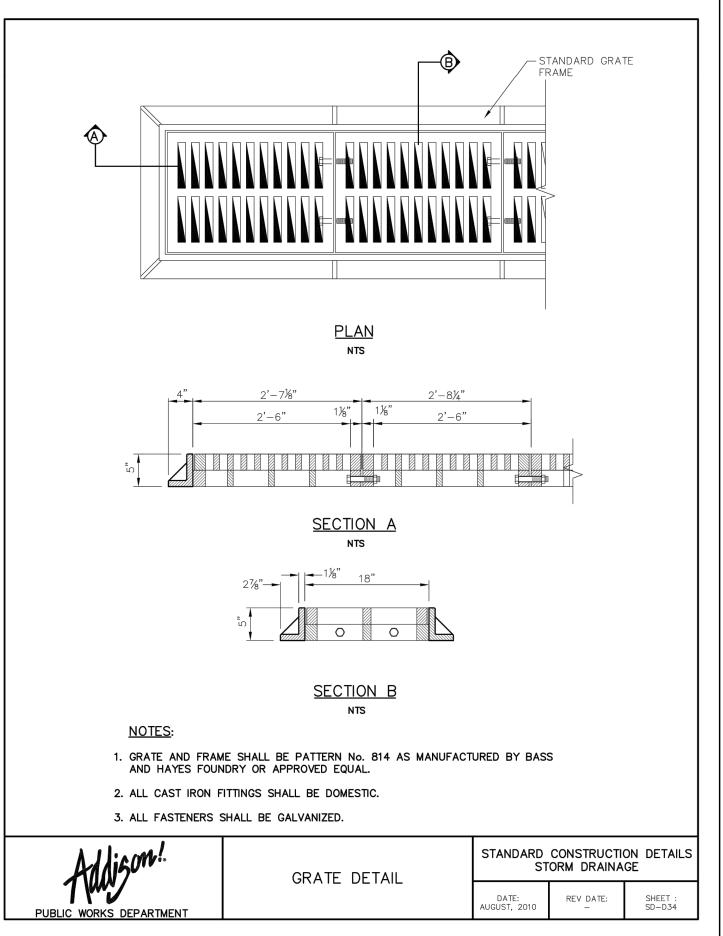
AMLI AT ADDISON OWN OF ADDISON, TEXAS

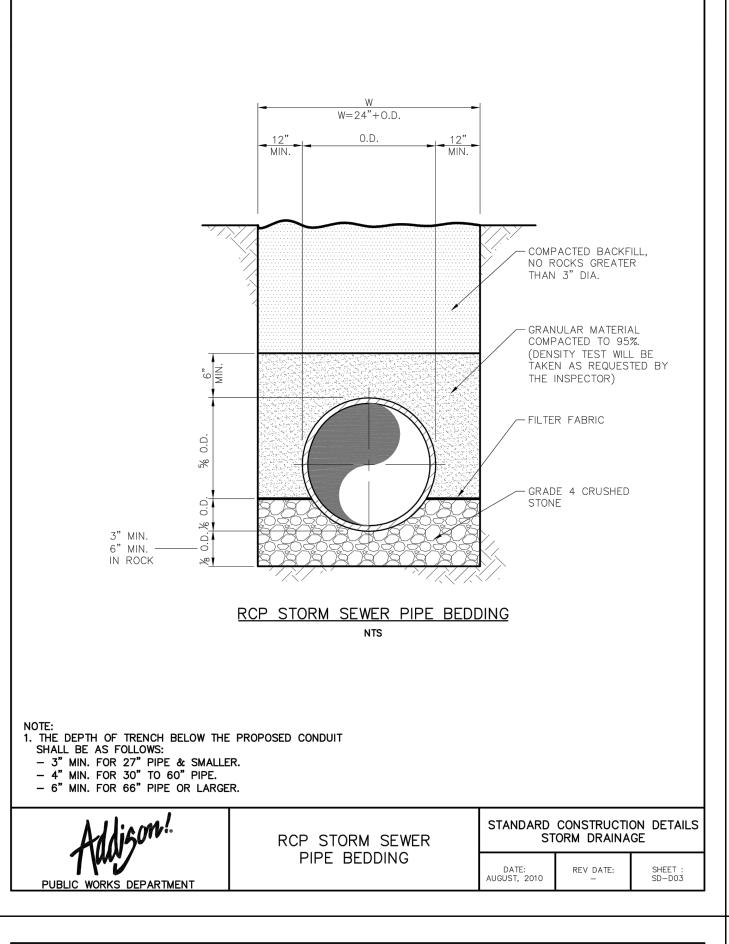
DATE 08/15/17 PROJECT NO. 63257052 SHEET NUMBER

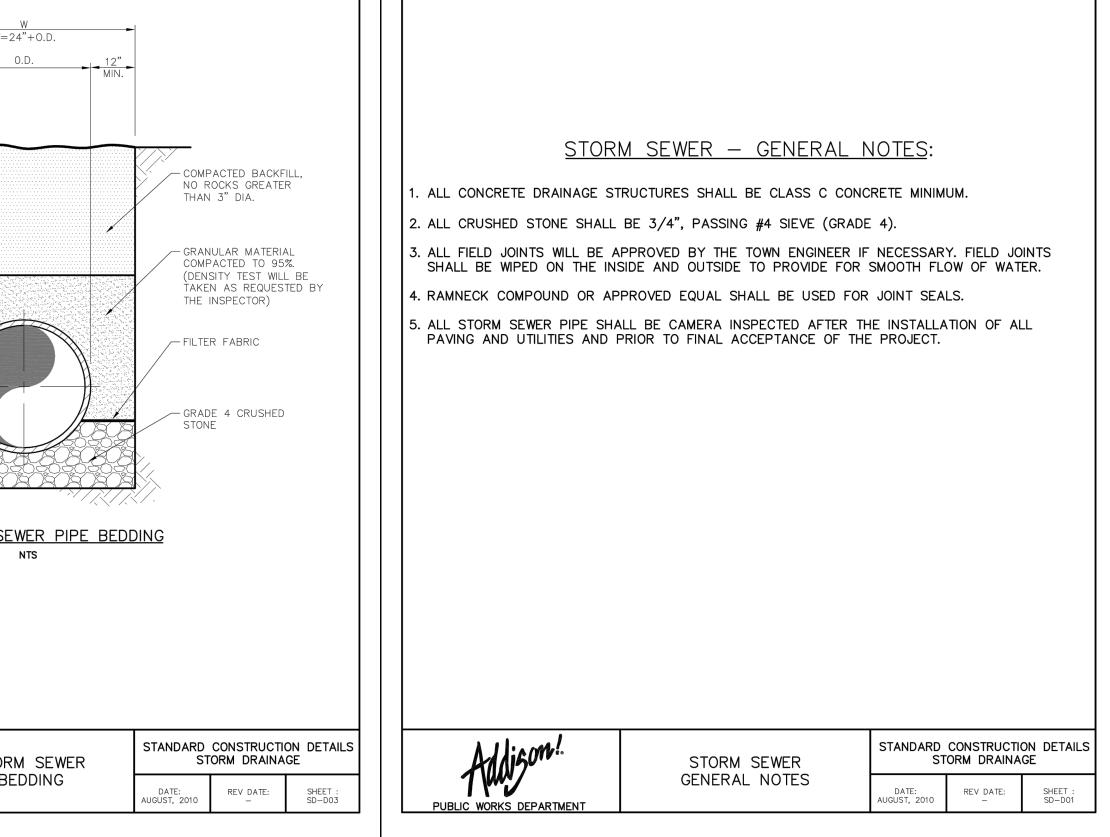
C-9.2

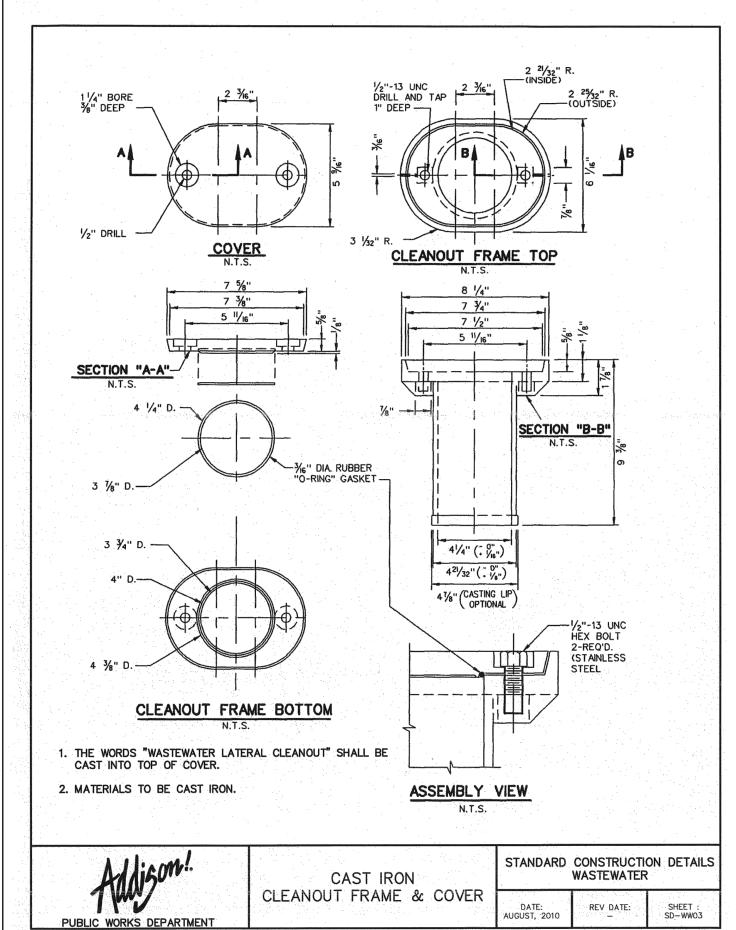


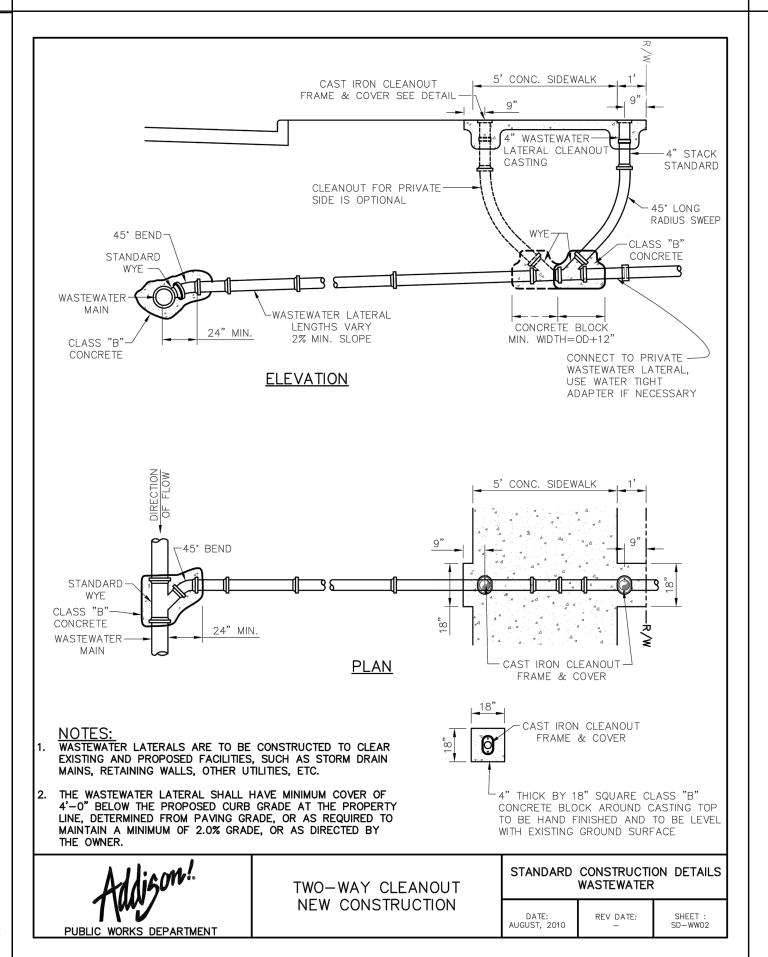


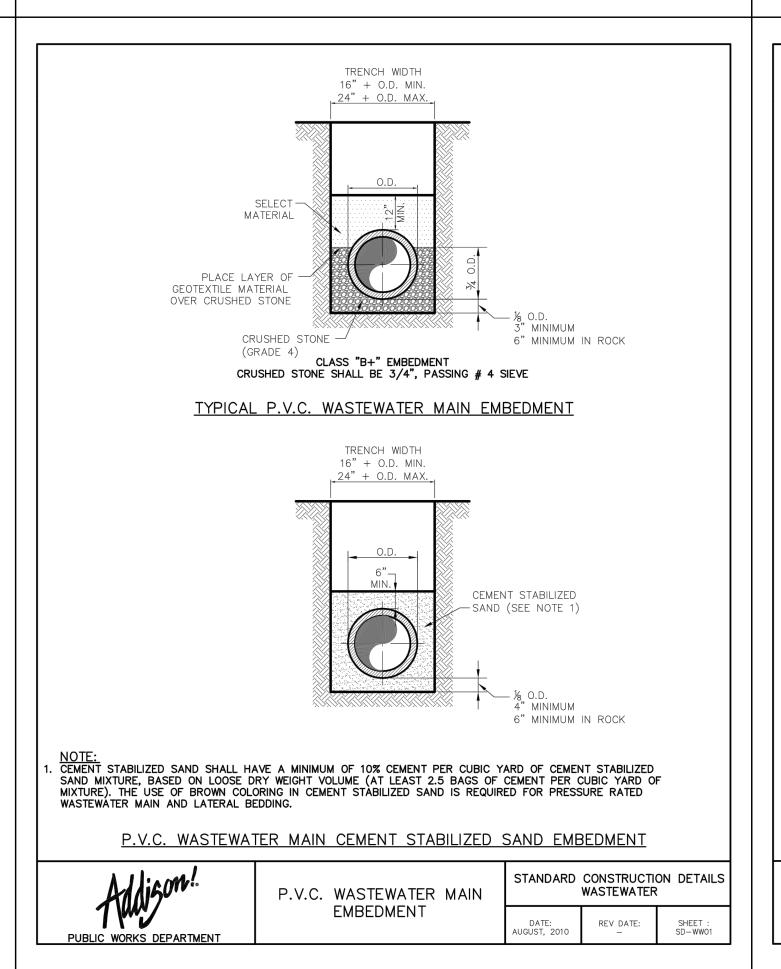


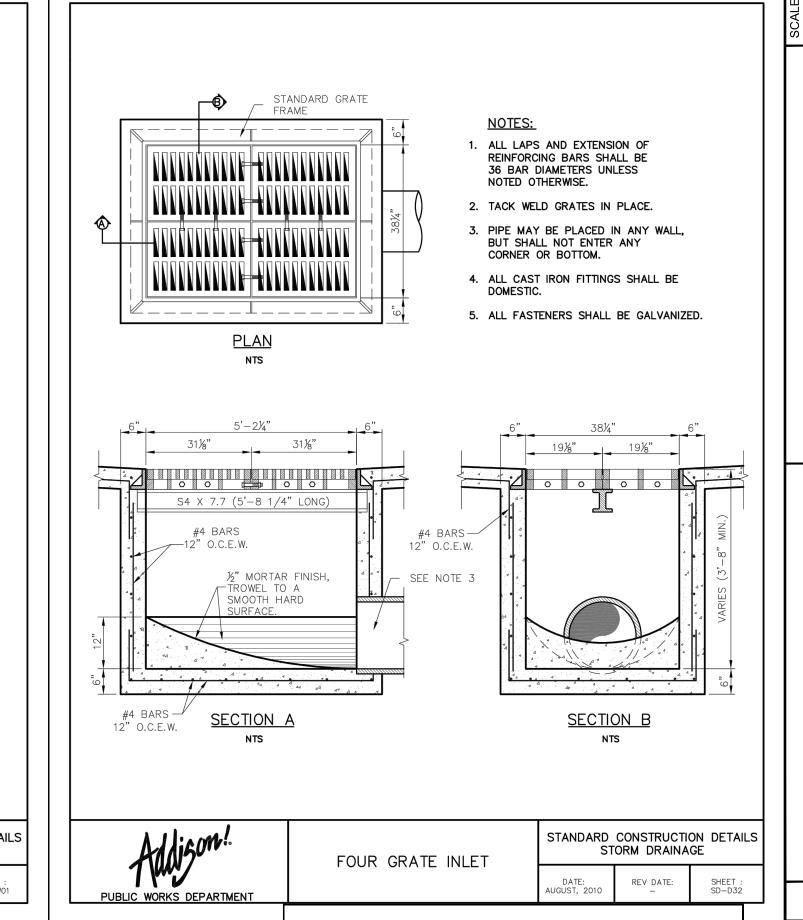


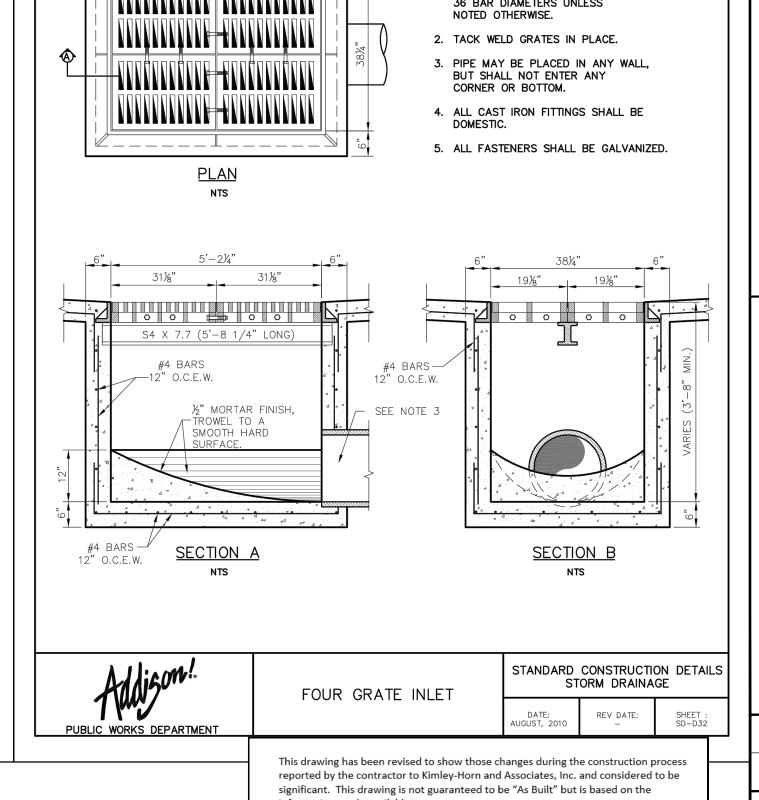












Date: 01/07/2020

information made available.

C-10.1 By: Ryan Safford, P.E.

63257052 SHEET NUMBER

DATE

08/15/17

PROJECT NO.

ADDISON,

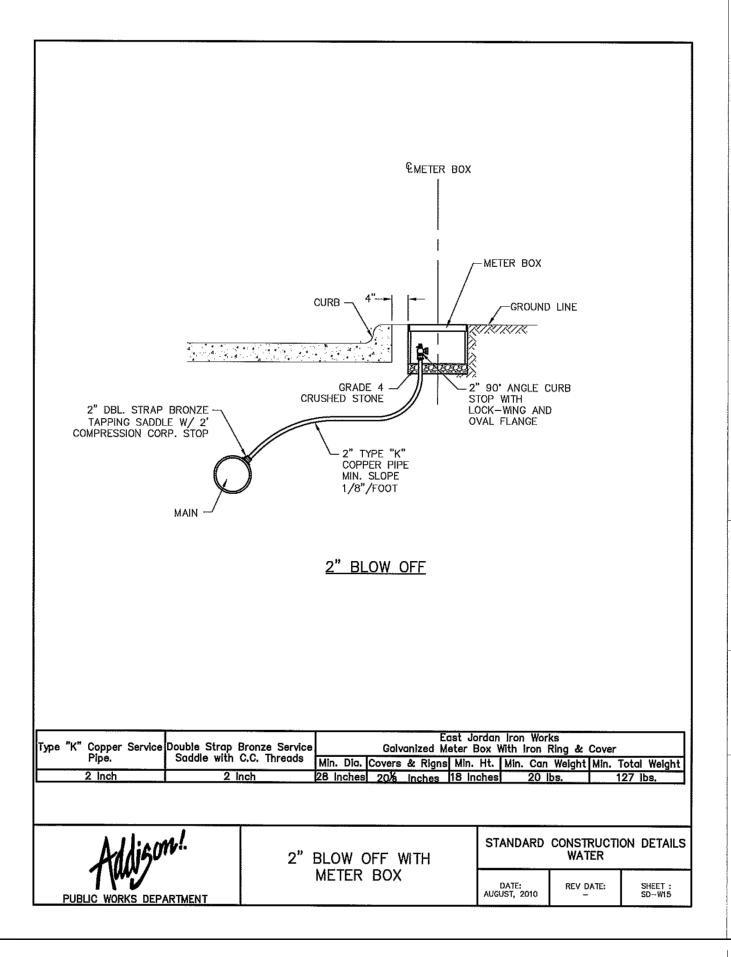
TOWN

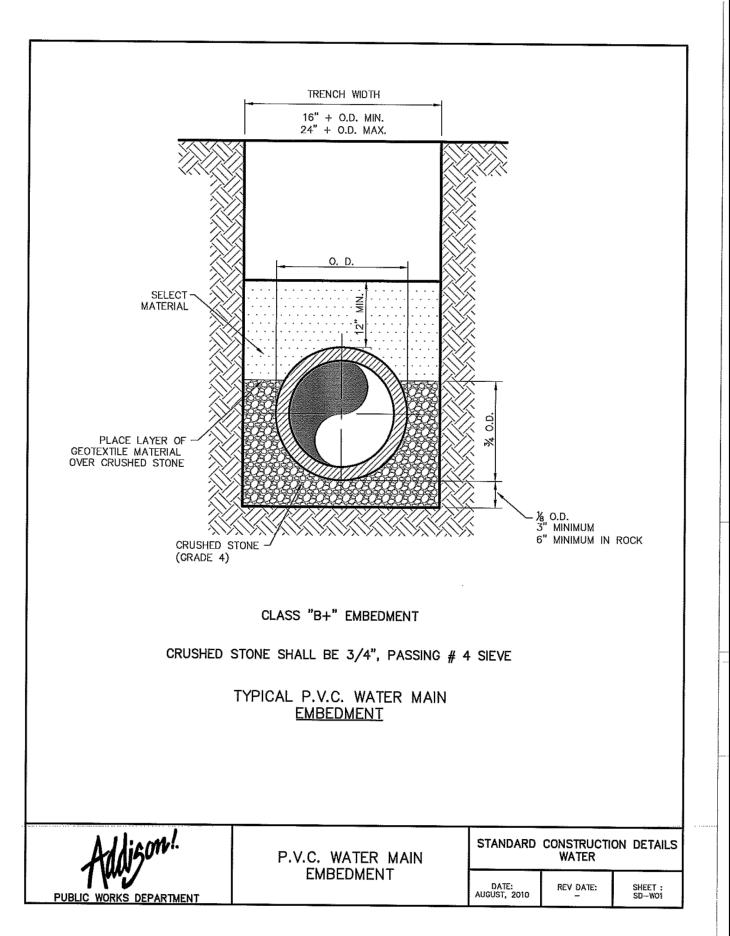
Horn

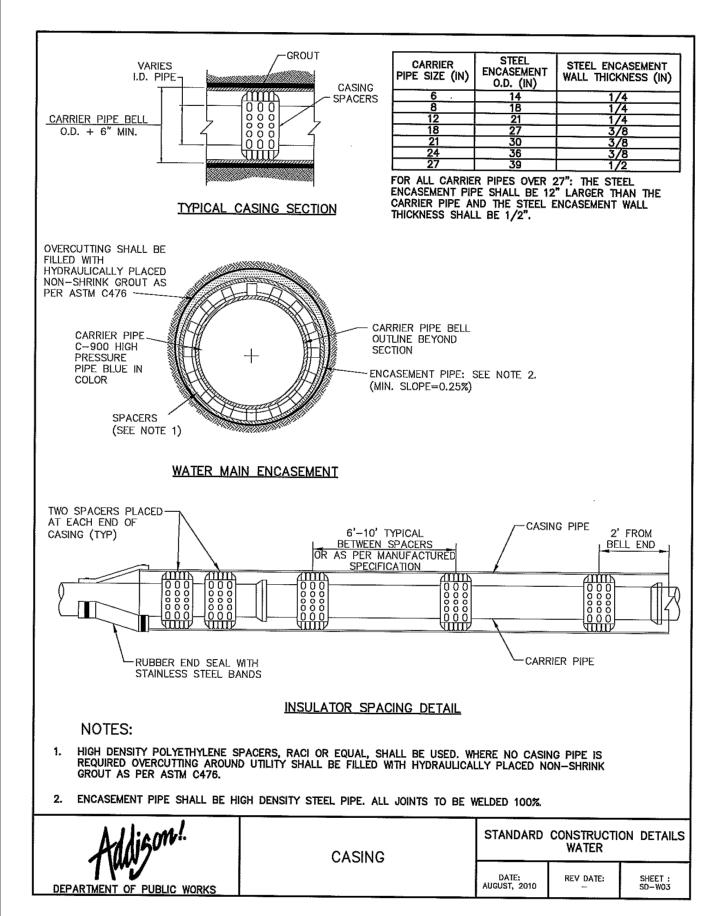
Kimle

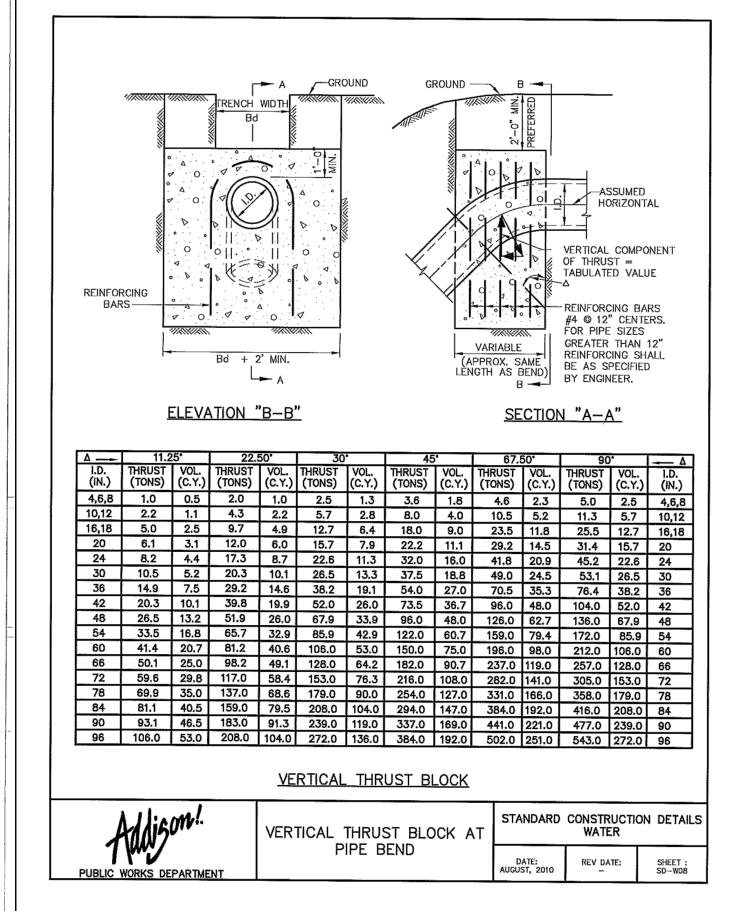
LS LS

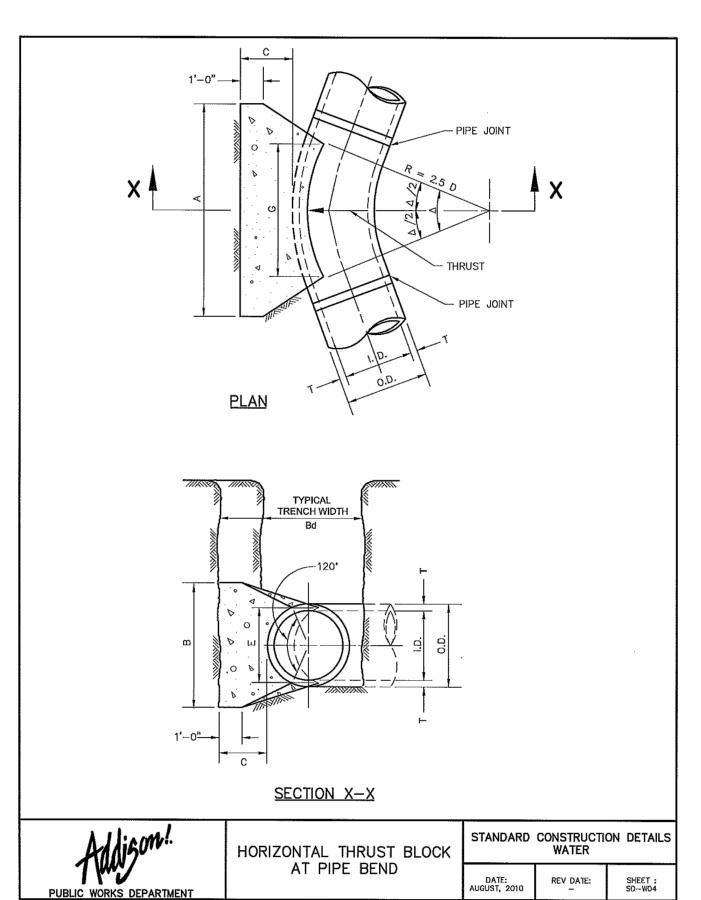
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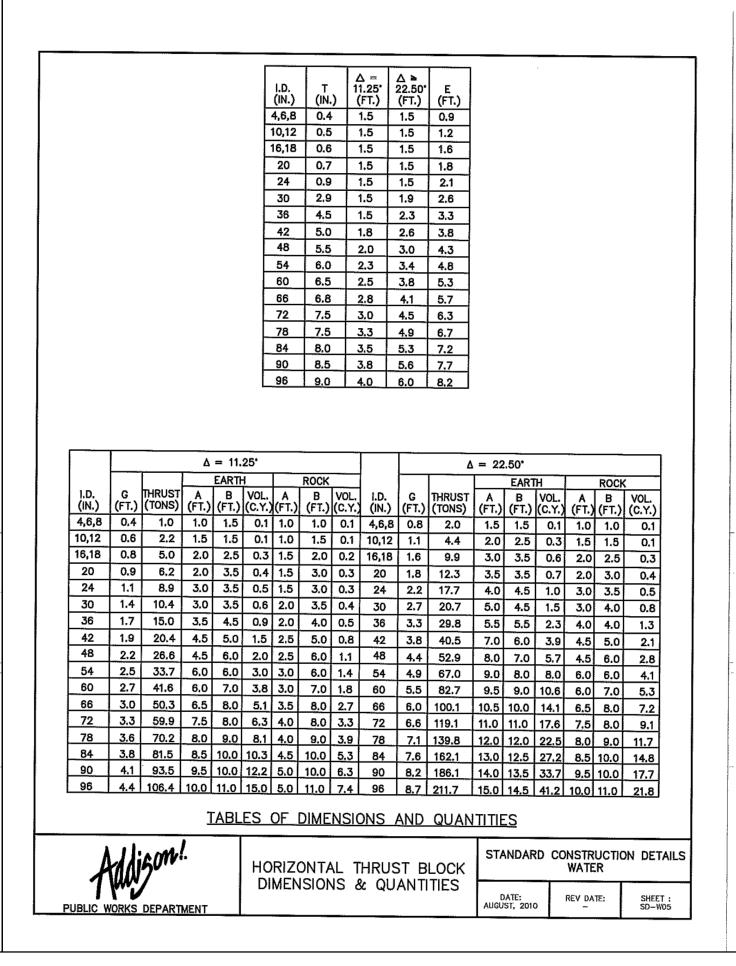


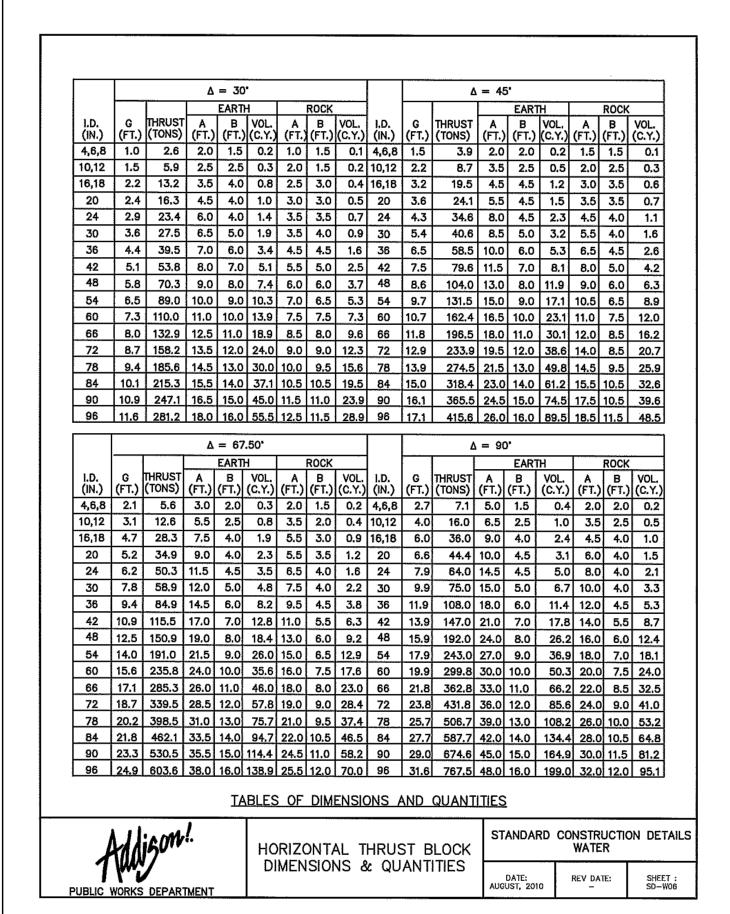


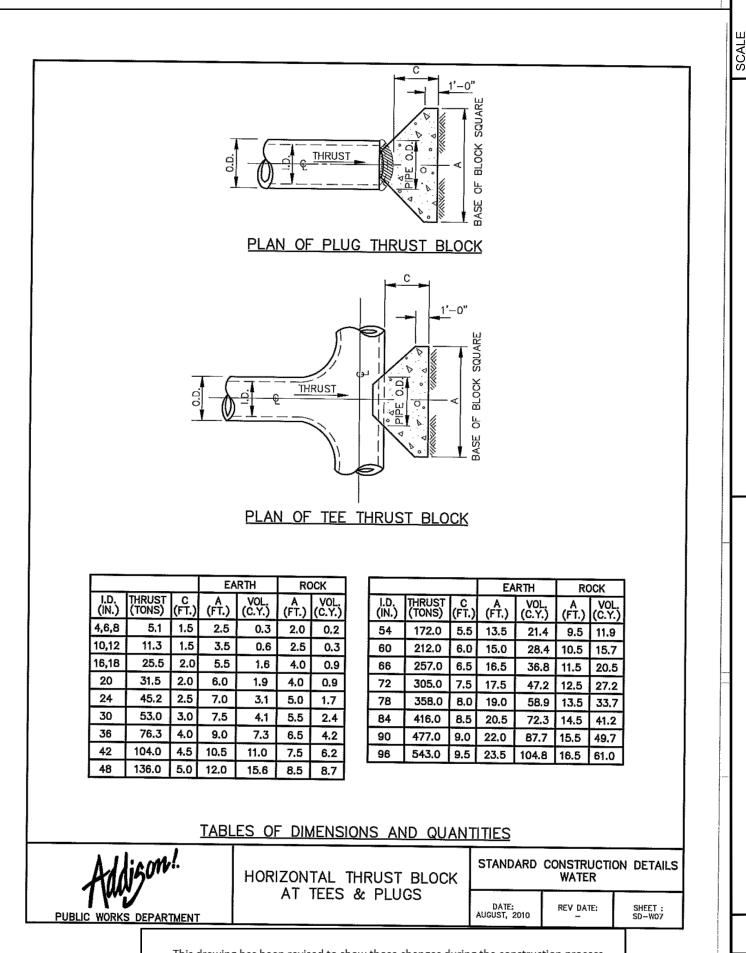


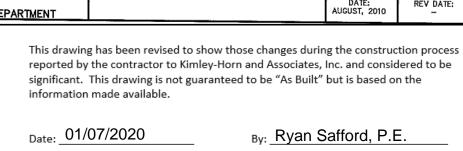












AMCI AT ADDISON TEXAS

TOWN OF ADDISON, TEXAS

Date 08/15/17
PROJECT NO. 63257052

Orn

Kimle

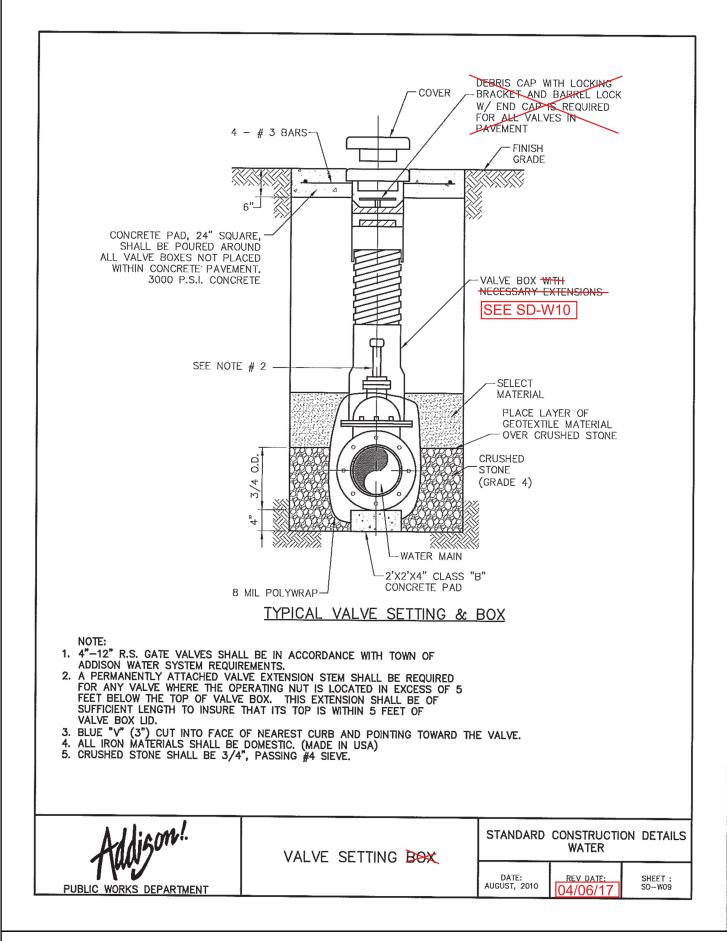
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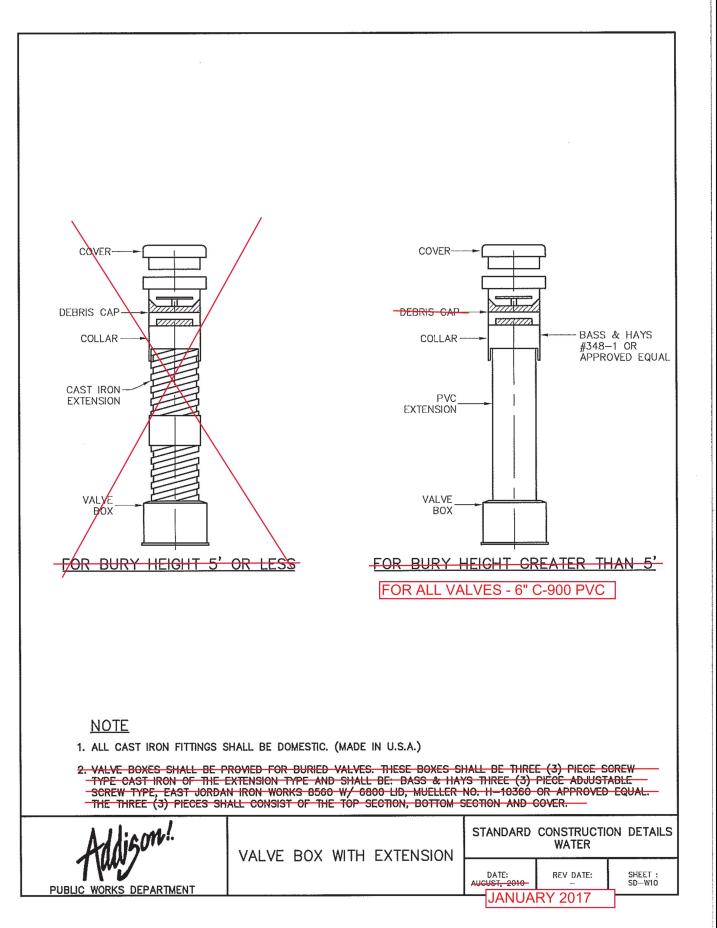
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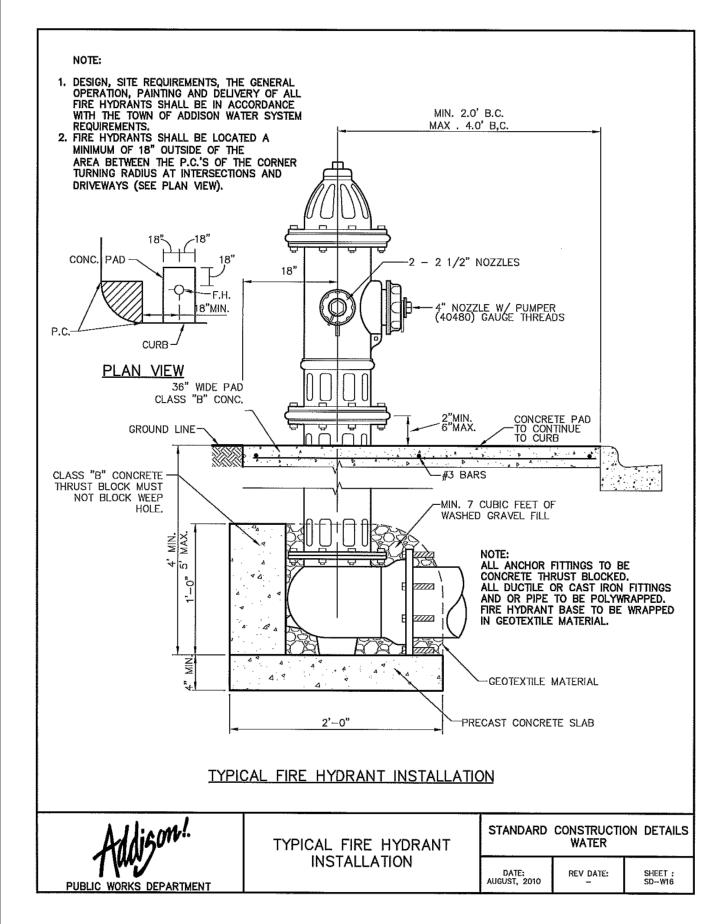
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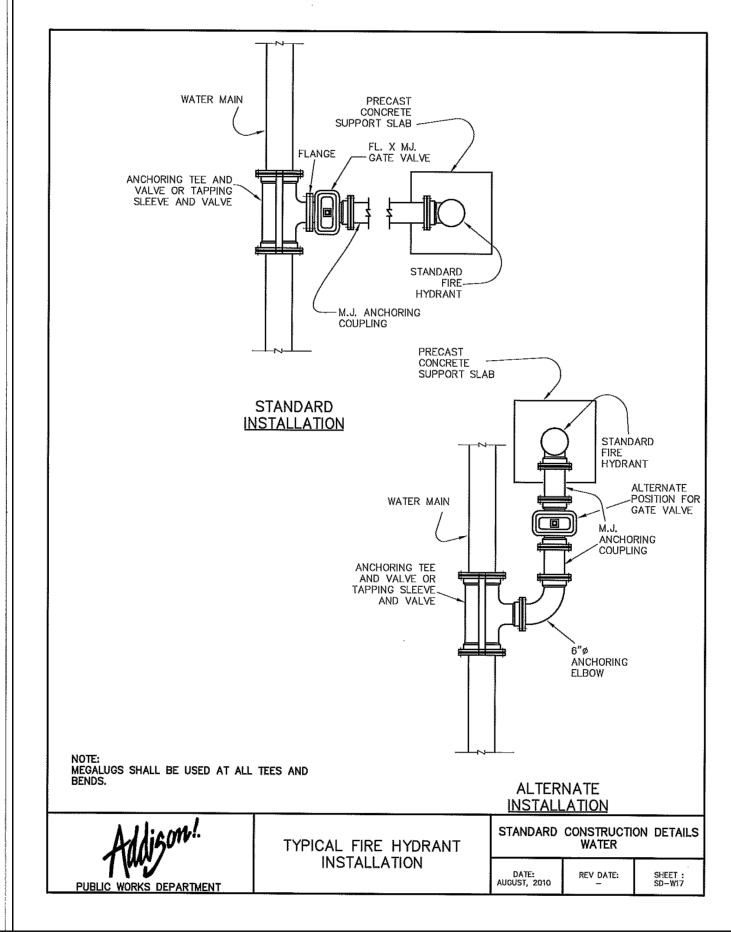
PROJECT NO. 63257052 SHEET NUMBER

C-10.2









PAVING - GENERAL NOTES

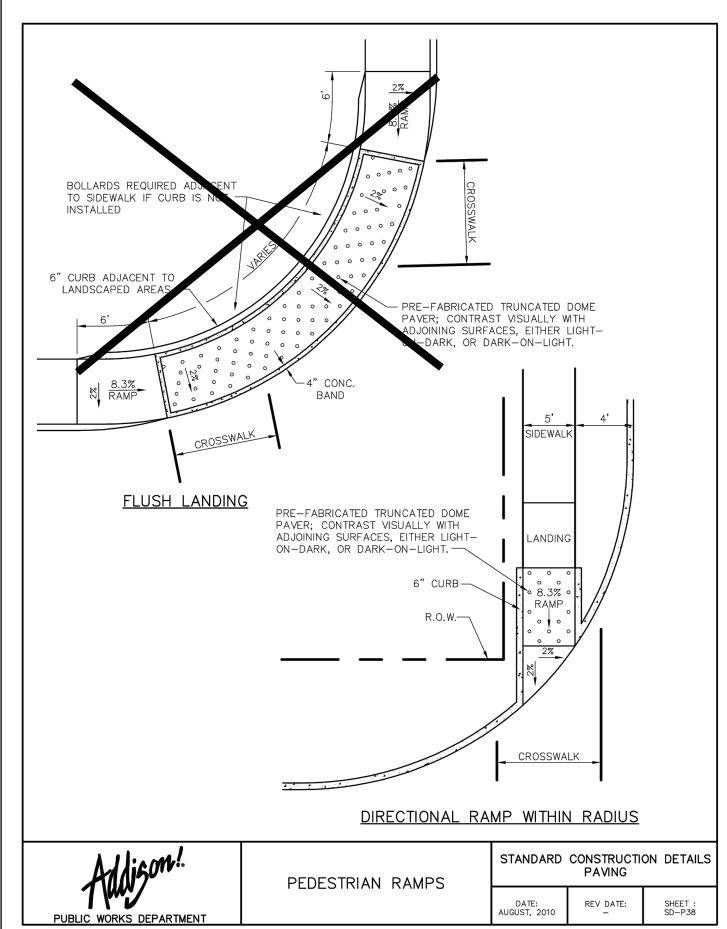
A. CONCRETE STRENGTH SHALL BE AS SHOWN IN ITEM 7 (NCTCOG LATEST EDITION).
B. ALL CURBS SHALL BE INTEGRAL WITH PAVEMENT AND SHALL BE OF THE SAME STRENGTH AS CONCRETE

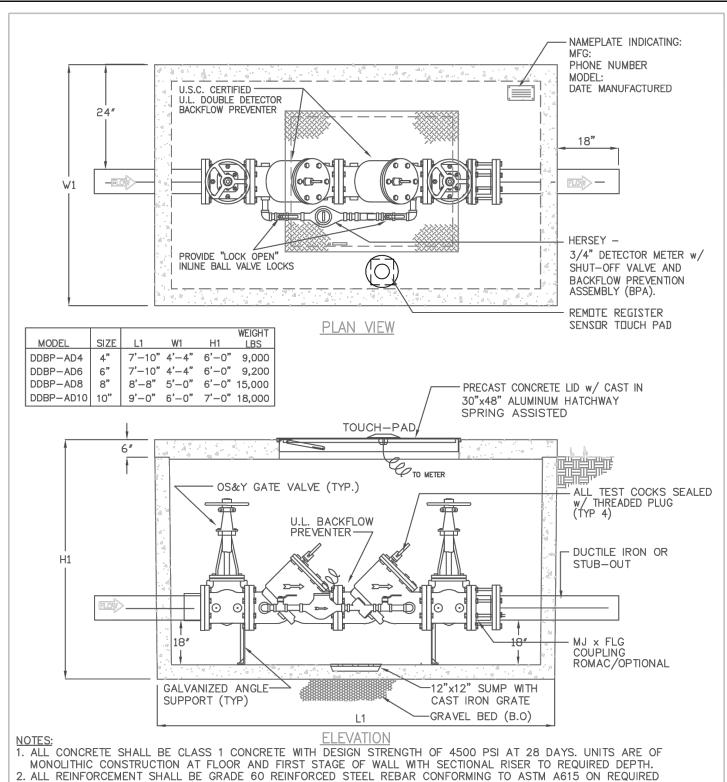
C. DETAIL AND ARRANGEMENT OF PAVEMENT JOINTS, ALL TYPES, SHALL BE AS SHOWN ON THE TOWN

E. REINFORCING STEEL SHALL BE #3 REBAR (3/8") ON 18" CENTERS FOR 8" OR LESS. #4 FOR

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





5. ALL HATCHWAYS SHALL BE ¼" ALUMINUM DIAMOND PLATE COVER, WITH ¼" EXTRUDED ALUMINUM FRAME. HATCH TO BE

DOUBLE CHECK

DETECTOR ASSEMBLY

4. THE BACKFLOW ASSEMBLY SHALL BE FACTORY ASSEMBLED IN VAULT AND HYDROSTATICALLY TESTED PRIOR TO

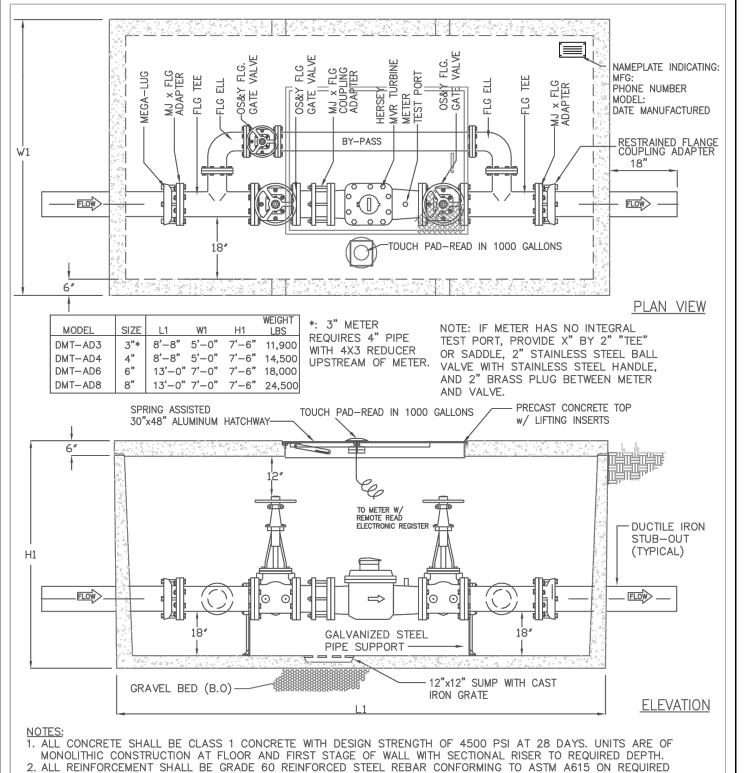
DELIVERY. PIPE, VALVES AND FITTINGS OF THE ASSEMBLY SHALL BE IN ACCORDANCE WITH THE TOWN OF ADDISON

CENTERS OR EQUAL.

WATER SYSTEM REQUIREMENTS.

EPARTMENT

FURNISHED WITH 316 STAINLESS STEEL SNAP LOCK AND HINGES.



3. ALL HATCHWAYS SHALL BE ${
m 4.^{"}}$ ALUMINUM DIAMOND PLATE COVER, WITH ${
m 4.^{"}}$ EXTRUDED ALUMINUM FRAME. HATCH TO BE

PIPE, VALVES AND FITTINGS OF THE ASSEMBLY SHALL BE IN ACCORDANCE WITH THE TOWN OF ADDISON WATER SYSTEM

STANDARD CONSTRUCTION DETAILS

WATER

DATE: LAST REV DATE: SHEET :
AUGUST, 2009 MAY 2016 SD-W21

4. THE METER ASSEMBLY SHALL BE FACTORY ASSEMBLED IN VAULT AND HYDROSTATICALLY TESTED PRIOR TO DELIVERY.

TURBINE WATER METER

ASSEMBLY

FURNISHED WITH 316 STAINLESS STEEL SNAP LOCK AND HINGES.

INFRASTRUCTURE

DEPARTMENT

REQUIREMENTS.

STANDARD CONSTRUCTION DETAILS

WATER

DATE: LAST REV DATE: MAY 2016

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 4. REBAR SHALL BE SUPPORTED BY BAR CHAIRS OR OTHER DEVICES APPROVED BY TOWN ENGINEER. 5. NO TRAFFIC ON FINISHED SUBGRADE SHALL BE PERMITTED AFTER REINFORCING STEEL IS INSTALLED ABOVE SUBGRAGE. NO TRAFFIC SHALL BE PERMITTED BEFORE OR DURING THE PLACING OF CONCRETE. 6. CROSS SLOPE OF STRAIGHT CROWN STREETS SHALL BE 1/4" PER FOOT UNLESS APPROVED BY THE TOWN 7. 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." 8. CONCRETE MIX DESIGN SHALL BE AS DEFINED BY NCTCOG 303.3. 9. ALL MEDIANS AND PARKWAYS SHALL BE PROVIDED WITH BERMUDA GROUND COVER. 10. 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.

D. BAR LAPS SHALL BE THIRTY DIAMETERS.

2. REINFORCED CONCRETE PAVEMENT:

10" OR ABOVE

SUBGRADE:

11. ALL SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%. 12. ALLEYS AND DRIVEWAYS

A. CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COPRESSIVE 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.

B. SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO PARABOLIC STREET PAVEMENT.

PAVING PAVING GENERAL NOTES REV DATE: PUBLIC WORKS DEPARTMENT

STANDARD CONSTRUCTION DETAILS

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.

C-10.3

Date: 01/07/2020 Ryan Safford, P.E. ОШ

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Kim

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DATE 08/15/17 PROJECT NO. 63257052 SHEET NUMBER