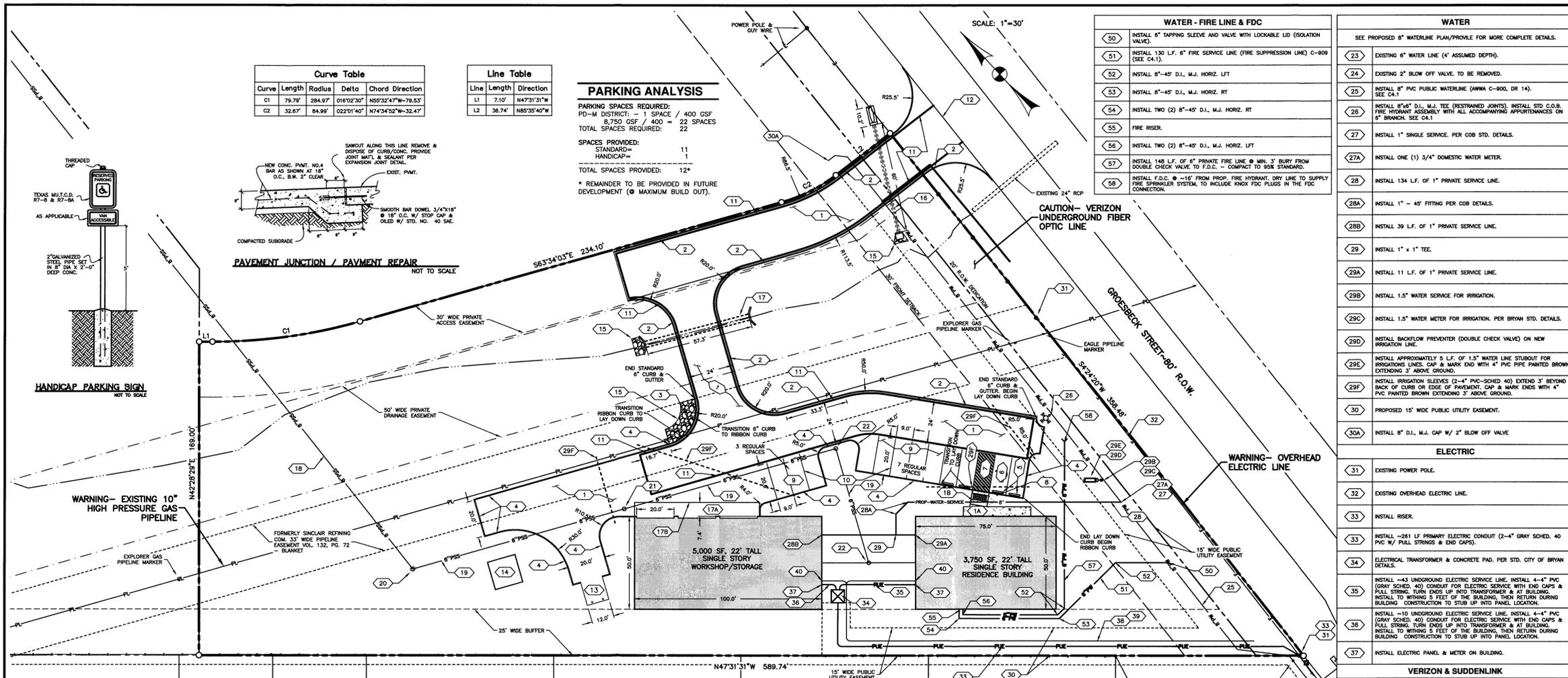


11: Land Projects 02/04/2015 19:6 Acre Tract\New\Acad\C1.2 Site Plan.dwg - August 3, 2015



Curve	Length	Radius	Delta	Chord	Direction
C1	79.79'	284.97'	016°02'30"	N55°32'47"W=79.53'	
C2	32.67'	84.99'	022°01'40"	N74°34'52"W=32.47'	

Line	Length	Direction
L1	7.10'	N47°31'31"W
L2	36.74'	N85°35'40"W

PARKING ANALYSIS

PARKING SPACES REQUIRED:
 PD-M DISTRICT: - 1 SPACE / 400 GSF
 8,750 GSF / 400 = 22 SPACES
 TOTAL SPACES REQUIRED: 22

SPACES PROVIDED:
 STANDARD= 11
 HANDICAP= 1
 TOTAL SPACES PROVIDED: 12*

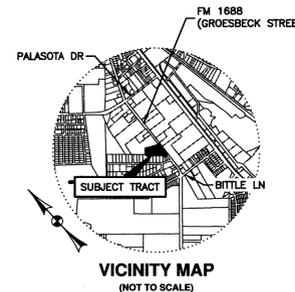
* REMAINDER TO BE PROVIDED IN FUTURE DEVELOPMENT (Ø MAXIMUM BUILD OUT).

WATER - FIRE LINE & FDC	
50	INSTALL 6" TAPPING SLEEVE AND VALVE WITH LOCKABLE LID (ISOLATION VALVE).
51	INSTALL 130 L.F. 6" FIRE SERVICE LINE (FIRE SUPPRESSION LINE) C-909 (SEE C4.1).
52	INSTALL 8"-45° D.I., M.J. HORIZ. LFT
53	INSTALL 8"-45° D.I., M.J. HORIZ. RT
54	INSTALL TWO (2) 8"-45° D.I., M.J. HORIZ. RT
55	FIRE RISER.
56	INSTALL TWO (2) 8"-45° D.I., M.J. HORIZ. LFT
57	INSTALL 148 L.F. OF 6" PRIVATE FIRE LINE & MIN. 3' BURY FROM DOUBLE CHECK VALVE TO F.D.C. - COMPACT TO 95% STANDARD.
58	INSTALL F.D.C. Ø 1/2" FROM PROP. FIRE HYDRANT, DRY LINE TO SUPPLY FIRE SPRINKLER SYSTEM, TO INCLUDE KNOX FDC PLUGS IN THE FDC CONNECTION.

WATER	
23	SEE PROPOSED 6" WATERLINE PLAN/PROFILE FOR MORE COMPLETE DETAILS.
24	EXISTING 6" WATER LINE (4' ASSUMED DEPTH).
25	EXISTING 2" BLOW OFF VALVE, TO BE REMOVED.
26	INSTALL 8" PVC PUBLIC WATERLINE (AWMA C-900, OR 14), SEE C4.1
27	INSTALL 8" PVC D.I., M.J. TEE (RESTRAINED JOINTS), INSTALL STD. C.O.B. FIRE HYDRANT ASSEMBLY WITH ALL ACCOMPANYING APPURTENANCES ON 6" BRANCH, SEE C4.1
28	INSTALL 1" SINGLE SERVICE PER COB STD. DETAILS.
27A	INSTALL ONE (1) 3/4" DOMESTIC WATER METER.
28	INSTALL 134 L.F. OF 1" PRIVATE SERVICE LINE.
28A	INSTALL 1" - 45° FITTING PER COB DETAILS.
28B	INSTALL 39 L.F. OF 1" PRIVATE SERVICE LINE.
29	INSTALL 1" x 1" TEE.
29A	INSTALL 11 L.F. OF 1" PRIVATE SERVICE LINE.
29B	INSTALL 1.5" WATER SERVICE FOR IRRIGATION.
29C	INSTALL 1.5" WATER METER FOR IRRIGATION, PER BRYAN STD. DETAILS.
29D	INSTALL BACKFLOW PREVENTER (DOUBLE CHECK VALVE) ON NEW IRRIGATION LINE.
29E	INSTALL APPROXIMATELY 5 L.F. OF 1.5" WATER LINE STUBOUT FOR IRRIGATION LINES, CAP & MARK END WITH 4" PVC PIPE PAINTED BROWN EXTENDING 3' ABOVE GROUND.
29F	INSTALL IRRIGATION SLEEVES (2" PVC SCHED 40) EXTEND 3' BEYOND BACK OF CURB OR EDGE OF PAVEMENT, CAP & MARK END WITH 4" PVC PAINTED BROWN EXTENDING 3' ABOVE GROUND.
30	PROPOSED 15' WIDE PUBLIC UTILITY EASEMENT.
30A	INSTALL 8" D.I., M.J. CAP W/ 2" BLOW OFF VALVE.

ELECTRIC	
31	EXISTING POWER POLE.
32	EXISTING OVERHEAD ELECTRIC LINE.
33	INSTALL RISER.
33	INSTALL ~261 LF PRIMARY ELECTRIC CONDUIT (2-4" GRAY SCHED. 40 PVC W/ PULL STRINGS & END CAPS).
34	ELECTRICAL TRANSFORMER & CONCRETE PAD, PER STD. CITY OF BRYAN DETAILS.
35	INSTALL ~43 UNDERGROUND ELECTRIC SERVICE LINE, INSTALL 4-4" PVC (GRAY SCHED. 40) CONDUIT FOR ELECTRIC SERVICE WITH END CAPS & PULL STRINGS, TURN ENDS UP INTO TRANSFORMER & AT BUILDING, INSTALL TO WITHIN 5 FEET OF THE BUILDING, THEN RETURN DURING BUILDING CONSTRUCTION TO STUB UP INTO PANEL LOCATION.
35	INSTALL ~10 UNDERGROUND ELECTRIC SERVICE LINE, INSTALL 4-4" PVC (GRAY SCHED. 40) CONDUIT FOR ELECTRIC SERVICE WITH END CAPS & PULL STRINGS, TURN ENDS UP INTO TRANSFORMER & AT BUILDING, INSTALL TO WITHIN 5 FEET OF THE BUILDING, THEN RETURN DURING BUILDING CONSTRUCTION TO STUB UP INTO PANEL LOCATION.
36	INSTALL ~10 UNDERGROUND ELECTRIC SERVICE LINE, INSTALL 4-4" PVC (GRAY SCHED. 40) CONDUIT FOR ELECTRIC SERVICE WITH END CAPS & PULL STRINGS, TURN ENDS UP INTO TRANSFORMER & AT BUILDING, INSTALL TO WITHIN 5 FEET OF THE BUILDING, THEN RETURN DURING BUILDING CONSTRUCTION TO STUB UP INTO PANEL LOCATION.
37	INSTALL ELECTRIC PANEL & METER ON BUILDING.

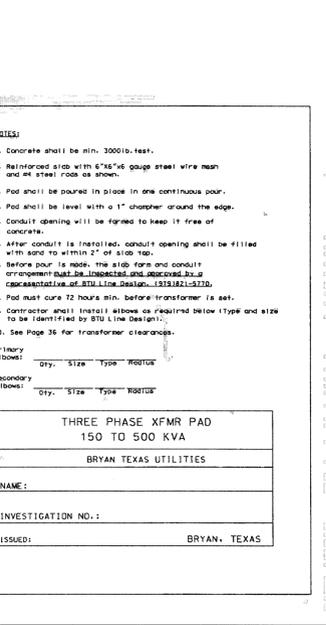
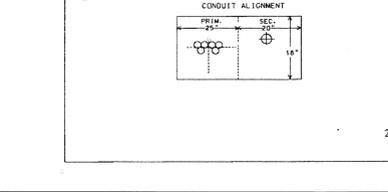
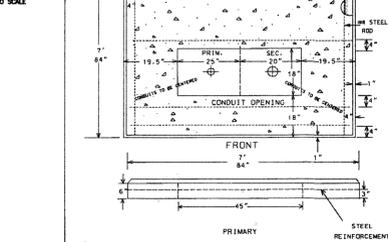
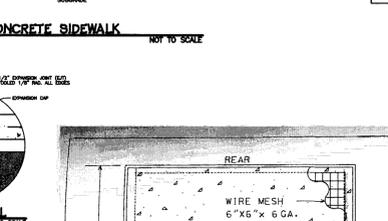
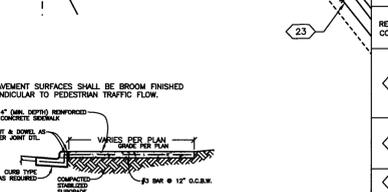
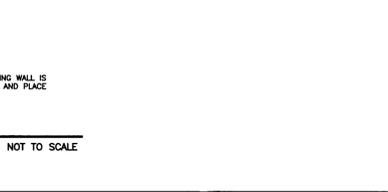
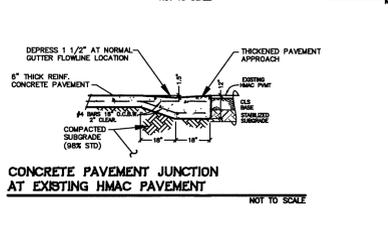
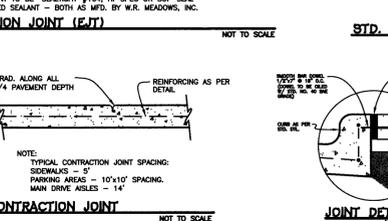
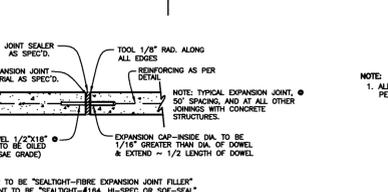
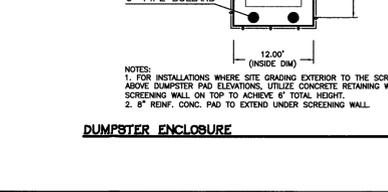
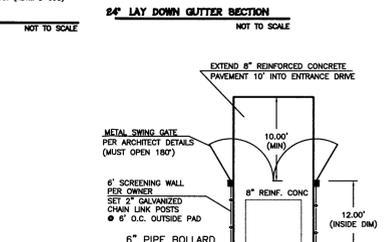
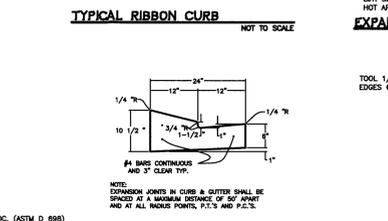
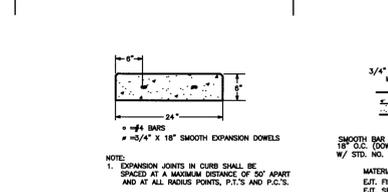
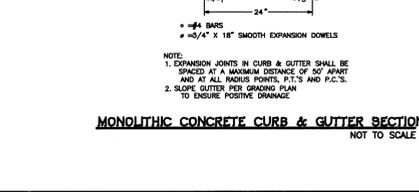
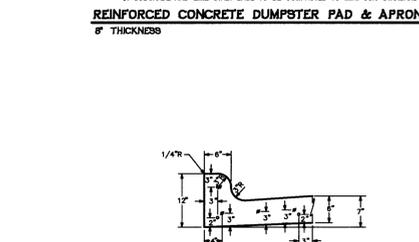
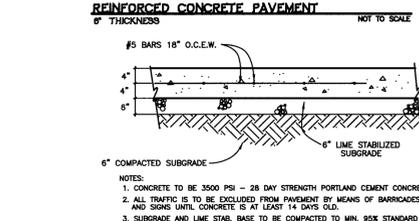
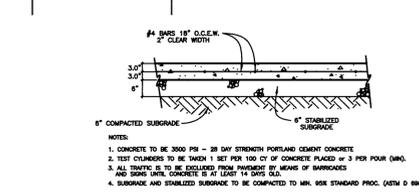
VERIZON & SUDENLINK	
31	CONTACT BRENDA VAUGHN (PH: 979-821-4770) Ø VERIZON FOR EXACT REQUIREMENTS, INSTALL 2-4" PVC VERIZON CONDUIT Ø 3/4" BURY.
32	CONTACT CHRIS GOOTTE (PH: 979-566-2429) Ø SUDENLINK FOR EXACT REQUIREMENTS, SUDENLINK CONDUIT TO FOLLOW VERIZON ROUTE, INSTALL 2-2" PVC CONDUIT, MIN. 3" BURY, PROVIDE MIN. 9" VERTICAL SEPARATION BETWEEN CROSSING UTILITIES.
38	VERIZON - INSTALL ~300 LF OF 2-4" VERIZON CONDUIT WITH PULL STRING Ø 3/8" BURY, COORDINATE EXACT ROUTE WITH VERIZON, END WITH 20' OF ELECTRICAL GROUND, CAP AND MARK END WITH 4" PVC PAINTED ORANGE EXTENDING 4' ABOVE GROUND, END AT ELL UP 12" ABOVE FINISHED GRADE, MARK WITH "VERIZON" TEXT OR STICKER IN ADDITION TO ORANGE PAINTED PVC, CONTRACTOR TO RETURN AND INSTALL CONDUIT WITH ELL AT DEMOLITION POINT AFTER BUILDING CONSTRUCTION.
39	INSTALL ~300 LF OF 2-2" PVC SUDENLINK CONDUIT WITH PULL STRING, FOLLOW VERIZON CONDUIT ROUTE TO BUILDING Ø 30" MIN. BURY, NOT TO BE LOCATED IN SAME TRENCH AS VERIZON, CAP AND MARK END WITH 2" PVC PAINTED ORANGE EXTENDING 4' ABOVE GROUND, COORDINATE EXACT ROUTE WITH VERIZON.
40	APPROXIMATE TELECOMMUNICATIONS DEMARCATION POINT ON BUILDING.



SITE SPECIFIC NOTES

- PROJECT IDENTIFICATION:
 PROJECT NAME: SOS MINISTRIES PHASE II.
 LOCATION: 1700 GROESBECK STREET, BRYAN, TEXAS 77802.
 LEGAL DESCRIPTION: LOT 2, BLOCK 1, SAVE OUR STREETS SUBDIVISION.
- APPLICANT INFORMATION:
 SOS MINISTRIES
 C/O J.J. RAMERAZ
 P.O. BOX 2866
 BRYAN, TEXAS 77802
 (979) 775-5357
- OWNER INFORMATION:
 SOS MINISTRIES
 C/O J.J. RAMERAZ
 P.O. BOX 2866
 BRYAN, TEXAS 77802
 (979) 775-5357
- TOTAL SITE AREA TO BE DISTURBED IS: 2.34 ACRES.
- CURRENT ZONING: THE SUBJECT PROPERTY IS ZONED PLANNED DEVELOPMENT - MIXED USE DISTRICT (PD-M) AND ALL DEVELOPMENTS SHALL BE IN ACCORDANCE WITH THE SPECIFIC DEVELOPMENT REQUIREMENTS FOR THE PD-M DISTRICT.
- CURRENT USE: VACANT
- PROPOSED USE & IMPROVEMENTS: 5,000 SQ.FT. & 3,750 SQ.FT. MIXED USE CENTER, WATER, SANITARY SEWER AND PARKING.
- NO PORTION OF THE SUBJECT TRACT (20.61 ACRES) LIES WITHIN THE 100 YEAR FLOODPLAIN ACCORDING TO THE F.E.M.A. FLOOD INSURANCE RATE MAP FOR BRAZOS COUNTY, TEXAS AND INCORPORATED AREAS. COMMUNITY NO. 480082, PANEL NO. 0141C, MAP NO. 48041C0141C, EFFECTIVE DATE: JULY 2, 1992.
- ALL PUBLIC AND PRIVATE UTILITY LINES & SERVICE LINES INCLUDING WATERLINES, SANITARY SEWER LINES, ELECTRIC LINES, TV/CABLE, COMMUNICATIONS LINES, ETC. SHALL BE UNDERGROUND INSTALLATIONS AND INSTALLED TO CITY OF BRYAN STANDARDS.
- BUILDING AREA: 5,000 SQ.FT. & 3,750 SQ.FT.
- DIMENSIONS ARE MEASURED TO FACE OF CURB UNLESS OTHERWISE NOTED
- ALL DISTURBED EARTH MUST BE 100% COVERED WITH ESTABLISHED GRASS OR GROUND COVER PRIOR TO CERTIFICATE OF OCCUPANCY.
- ALL BACK FLOW DEVICES MUST BE INSTALLED AND TESTED UPON INSTALLATION AS PER CITY ORDINANCE.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF ALL FRANCHISE & PRIVATE UTILITIES WITH EARTHWORK & PAVEMENT CONSTRUCTION. GENERAL CONTRACTOR IS RESPONSIBLE FOR FURNISHING & INSTALLING ANY NECESSARY UTILITY CONDUIT PRIOR TO SUBGRADE PREPARATION & PAVING OPERATION. GENERAL CONTRACTOR IS RESPONSIBLE FOR DETERMINATION OF UTILITY INSTALLATION ORDER.
- ALL ROOF AND GROUND MOUNTED MECHANICAL EQUIPMENT SHALL BE SCREENED FROM VIEW FROM ANY PUBLIC RIGHT-OF-WAY OR RESIDENTIAL DISTRICT WITHIN 150' OF THE SUBJECT LOT. SUCH SCREENING SHALL BE COORDINATED WITH BUILDING ARCHITECTURE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTAINMENT AND PROPER DISPOSAL OF ALL LIQUID AND SOLID WASTE ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT THE OCCURRENCE OF WIND BLOWN LITTER FROM THE PROJECT SITE.
- DEMOLITION / CONSTRUCTION WASTE: SITE IS REQUIRED TO PROVIDE CONTAINMENT FOR WASTE PRIOR TO AND DURING DEMOLITION / CONSTRUCTION. SOLID WASTE ROLL OFF BOXES AND/OR METAL DUMPSTERS SHALL BE SUPPLIED BY CITY OR CITY PERMITTED CONTRACTOR(S) ONLY.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING TEMPORARY STORAGE OF MATERIALS AND EQUIPMENT WITH ADJACENT PROPERTIES AS WELL AS WITH CITY OF BRYAN WATER SERVICES.
- POTABLE WATER PROTECTION - ALL DEVICES, APPURTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION AND THAT CONNECTS TO THE WATER SUPPLY SYSTEM, SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM.
- ALL RESIDENCES SHALL BE BRICK AND HARDIPLANK SIDED WITH STANDING SEAM METAL ROOFS AND BE COLOR MATCHED TO THE EXISTING SOS (SAVE OUR STREETS) FACILITY.
- ALL OFF-STREET PARKING SHALL BE PROVIDED AT A RATIO OF ONE (1) SPACE PER FOUR HUNDRED (400) SQUARE FEET OF GROSS FLOOR AREA OF ALL BUILDINGS ON THE SUBJECT PROPERTY AT BUILD OUT, PER THE PLANNED DEVELOPMENT - MIXED USE DEVELOPMENT REQUIREMENTS.
- OUTDOOR STORAGE OF LANDSCAPING MATERIAL AND EQUIPMENT SHALL BE ALLOWED IN THE GENERAL AREA SPECIFIED ON THE DEVELOPMENT PLAN, SO LONG AS ANY SCREENING MATERIALS COMPLETELY SCREENED FROM VIEW FROM PUBLIC RIGHT-OF-WAY FOR GROESBECK STREET. ALLOWABLE SCREENING MATERIALS SHALL INCLUDE SOLID WOOD (NOT INCLUDING PLYWOOD, PARTICLEBOARD, OR SIMILAR COMPOSITE), MASONRY (BRICK OR STONE), A COMBINATION SOLID WOOD AND MASONRY, EARTHEN BERMS AND LANDSCAPING, SO LONG AS ALL PLANT MATERIALS USED FOR SCREENING PURPOSES ARE OF AN EVERGREEN NATURE AND OF SUFFICIENT HEIGHT AND TYPE TO COMPLETELY BLOCK THE VIEW OF MATERIALS AND EQUIPMENT STORED.
- CONTRACTOR TO CONTACT TEXAS811 AT LEAST ONE WEEK PRIOR TO CONSTRUCTION FOR LOCATION SERVICES. SPECIFIC UTILITY INFORMATION SHOULD BE PAID TO FRANCHISE UTILITIES AS WELL AS OIL AND GAS PIPELINE COMPANIES. SHOULD A CONSULTANT BE REQUIRED FOR THE PROPOSED CONSTRUCTION AND AN EXISTING UTILITY, CONTACT CIVIL ENGINEERING CONSULTANTS 48 HOURS PRIOR TO CONSTRUCTION & AWAIT INSTRUCTION.
- THE OWNER SHALL OBTAIN AN INDEPENDENT TESTING LABORATORY TO CONDUCT MATERIALS/COMPACTION TESTING. CONTRACTOR IS RESPONSIBLE TO NOTIFY AND COORDINATE WITH LABORATORY IN ADVANCE OF WHEN OPERATIONS WILL BE PERFORMED. INITIAL TESTING SHALL BE PAID FOR BY THE OWNER, FAILED TESTS AND RE-TESTS SHALL BE PAID FOR BY THE CONTRACTOR. WORK SHALL NOT BE ACCEPTED FOR PAYMENT WITHOUT PASSED TEST RESULTS. COPIES OF RESULTS TO BE DELIVERED TO OWNER AND CIVIL ENGINEERING CONSULTANTS.

- | NO. | DESCRIPTION |
|-----|--|
| 1 | INSTALL 6" CONCRETE PAVEMENT ON ALL DRIVE ISLES, #4 BARS Ø 12" O.C.E.W. |
| 1A | 4" THICK REINFORCED CONCRETE SIDEWALK, EXTEND BUILDING SELECT FILL &/OR STABILIZATION TO EXTENT OF ADJACENT SIDEWALK |
| 1B | ADA COMPLIANT RAMP, 6" LONG Ø 12:1 SLOPE |
| 2 | INSTALL STANDARD 6" REINFORCED CONCRETE CURB & GUTTER POURED MONOLITHICALLY WITH PAVEMENT. |
| 3 | INSTALL STANDARD FLUSH RIBBON CURB POURED MONOLITHICALLY WITH PAVEMENT. |
| 4 | INSTALL STANDARD LAY DOWN CURB POURED MONOLITHICALLY WITH PAVEMENT. |
| 5 | INSTALL 6" CONCRETE WHEEL STOP (FACE OF WHEEL STOP TO BE 2" FROM CURB). |
| 6 | PROVIDE HANDICAP PARKING SPACE (VAN ACCESSIBLE WITH UNIVERSAL HANDICAP SYMBOL PAINTED IN SPACE). |
| 7 | PROVIDE HANDICAP LOADING ZONE - PAVEMENT MARKING ACCORDING TO TAS/ADA. |
| 8 | INSTALL MOUNTED HANDICAP SIGN - VAN ACCESSIBLE. |
| 9 | INSTALL 5" CONCRETE PAVEMENT ON ALL PARKING AREAS, #4 BARS Ø 12" O.C.E.W. |
| 10 | PROVIDE 4" WIDE PARKING STRIPE (WHITE - 9"x20" TYPICAL). |
| 11 | PROVIDE FIRE LINE DESIGNATION - 6" WIDE FIRE LINE STRIP PAINTED RED WITH WORKING FIRE LINE - NO PARKING - TOW AWAY ZONE IN 4" WHITE LETTERS, WORKING MAY NOT BE SPACED MORE THAN 15' APART. PAINT CURB OR PAVEMENT. |
| 12 | INSTALL J-JOINT CONCRETE CONNECTION AT PAVEMENT INTERSECTION. |
| 13 | INSTALL 12" WIDE x 12" DUMPSTER PAD WITH BOLLARDS & LAY DOWN CURBS, 6" CONCRETE PAVEMENT WITH #5 BARS Ø 12" O.C.E.W. |
| 14 | CONCRETE WASHOUT AREA. |
| 15 | ROCK RUBBLE RIP-RAP: TO BE LIMESTONE USING GENERALLY 50 B-100 B PIECES W/ SMALLER ROCK FILLING VOIDS. ROCK TO BE INSTALLED TO 1.0' MIN. THICKNESS, INSTALL SOIL RETENTION FILTER FABRIC BENEATH ROCK FOR TPOOT MATERIAL SPEC. ITEM #452, STONE RIP-RAP (TYPE F), BROKEN CONCRETE MAY NOT BE USED, NO SOIL SHOULD BE VISIBLE THROUGH RIP-RAP. |
| 16 | INSTALL 18" RP Ø 24 GRADE W/ 6:1 SAFETY END TREATMENT (UPSTREAM), 4"x8" HEAD WALL WITH 4"x3" SPLASH PAD & RIP-RAP (DOWNSTREAM). SEE GRADING PLAN. |
| 17 | INSTALL 24" x 24" CONCRETE BOX CULVERT Ø 24 GRADE W/ CONCRETE WIND-WALL END TREATMENTS. SEE GRADING PLAN. |
| 17A | INSTALL 6" CONCRETE APRON, #4 BARS Ø 12" O.C.E.W. |
| 17B | PROVIDE CONSTRUCTION JOINT BETWEEN APRON & PAVEMENT. |
| 18 | 6" PVC SANITARY SEWER SERVICE LINE. |
| 19 | 6" PVC SANITARY SEWER SERVICE LINE. |
| 20 | INSTALL SANITARY SEWER MANHOLE.
TOP: 54.41
FL IN: 331.77 6" PVC
FL OUT: 331.53 6" PVC |
| 21 | INSTALL SANITARY SEWER CLEANOUT. |
| 22 | INSTALL DOUBLE SANITARY SEWER CLEANOUT. |



DESIGNED BY: D.D. DON DURNEN, INC.

DRAWN BY: D.D. DURNEN, INC.

APPROVED: APP. CIVIL ENGINEERING CONSULTANTS

JOB NO.: REGISTRATION #F-2214

4101 S. TEXAS AVE., SUITE A
 BRYAN, TEXAS 77802
 FAX: (979) 848-8552
 (979) 775-5357

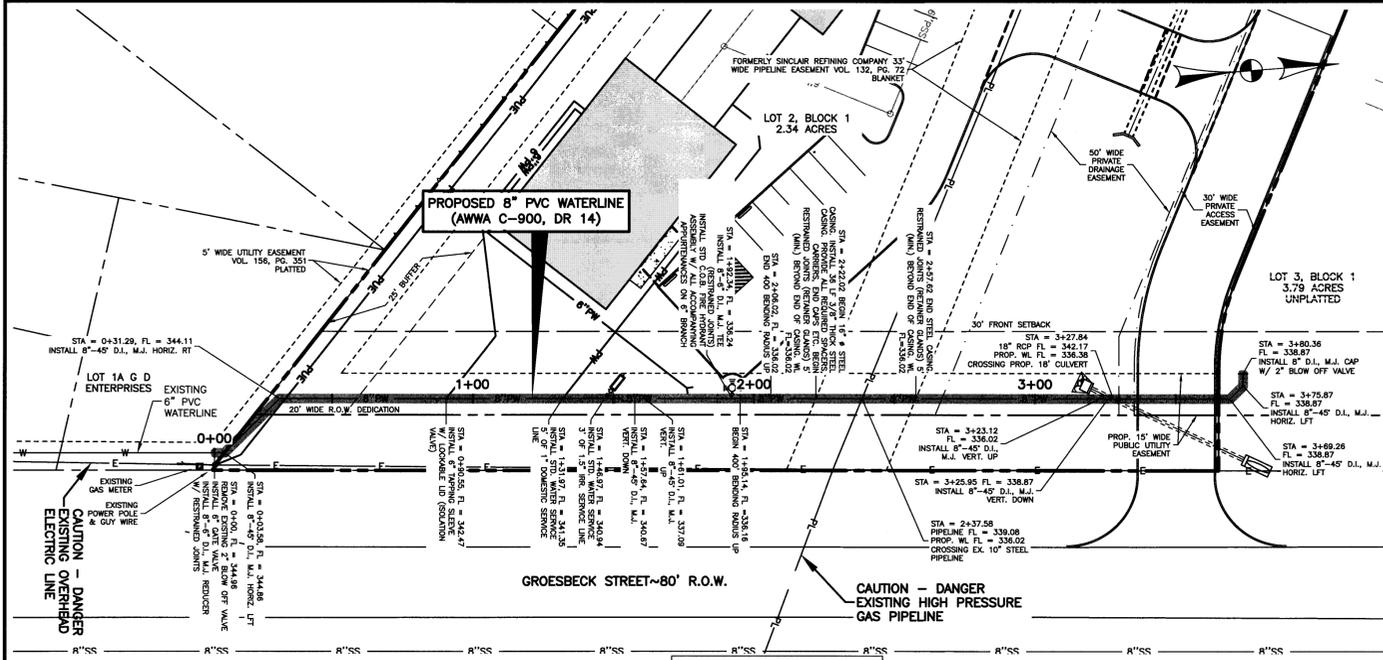
STATE OF TEXAS
 ALFRED A. PAINE
 97221
 LICENSED PROFESSIONAL ENGINEER

SAVE OUR STREETS MINISTRIES

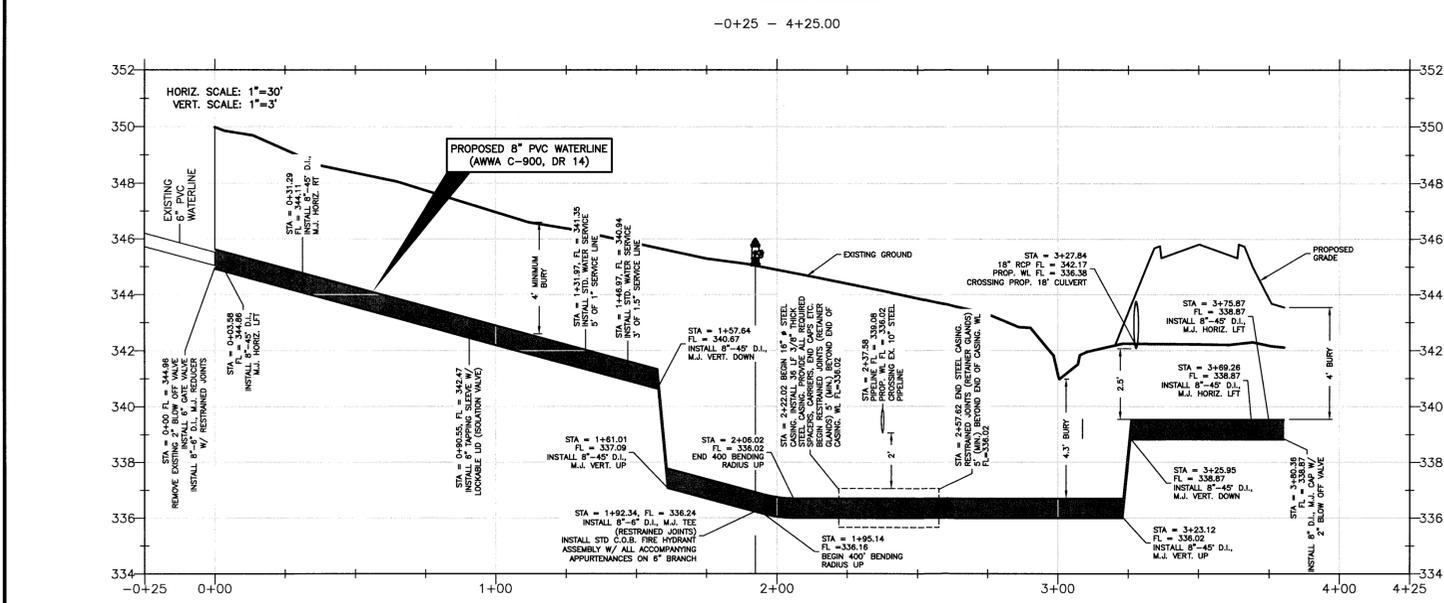
SITE PLAN
 LOT 2, BLOCK 1
 RESIDENTIAL / WORKSHOP & STORAGE
 BRYAN, BRAZOS COUNTY, TEXAS

SHEET NO. C1.2

AUG 03 2016

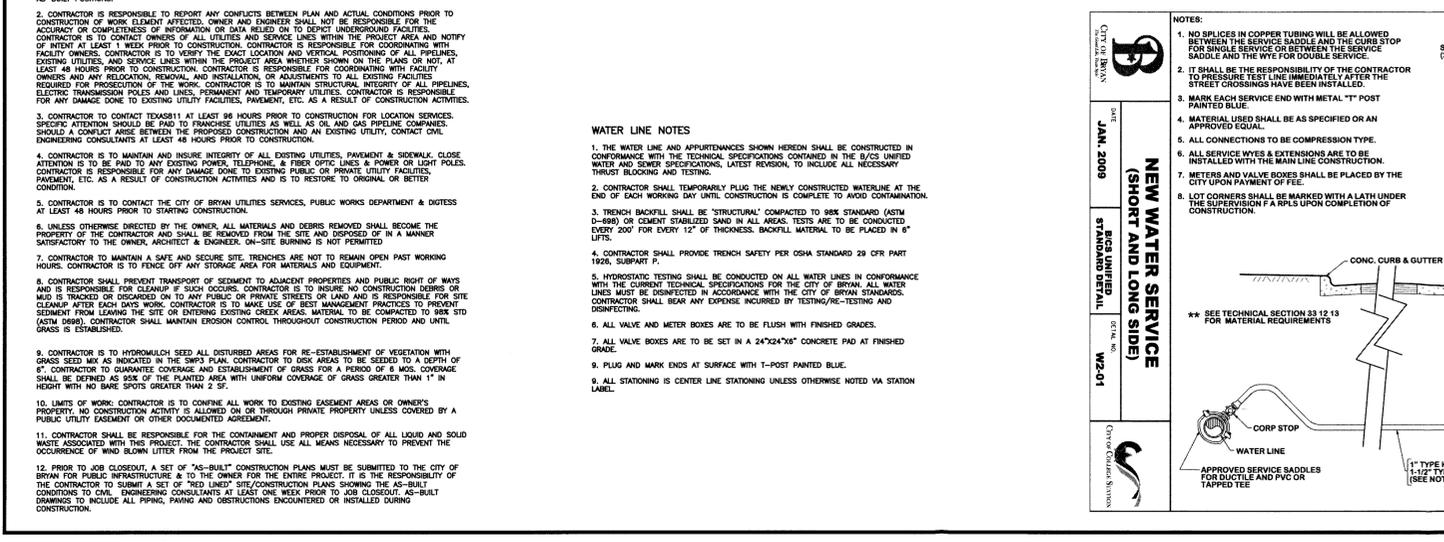


8 INCH WATER LINE PROFILE



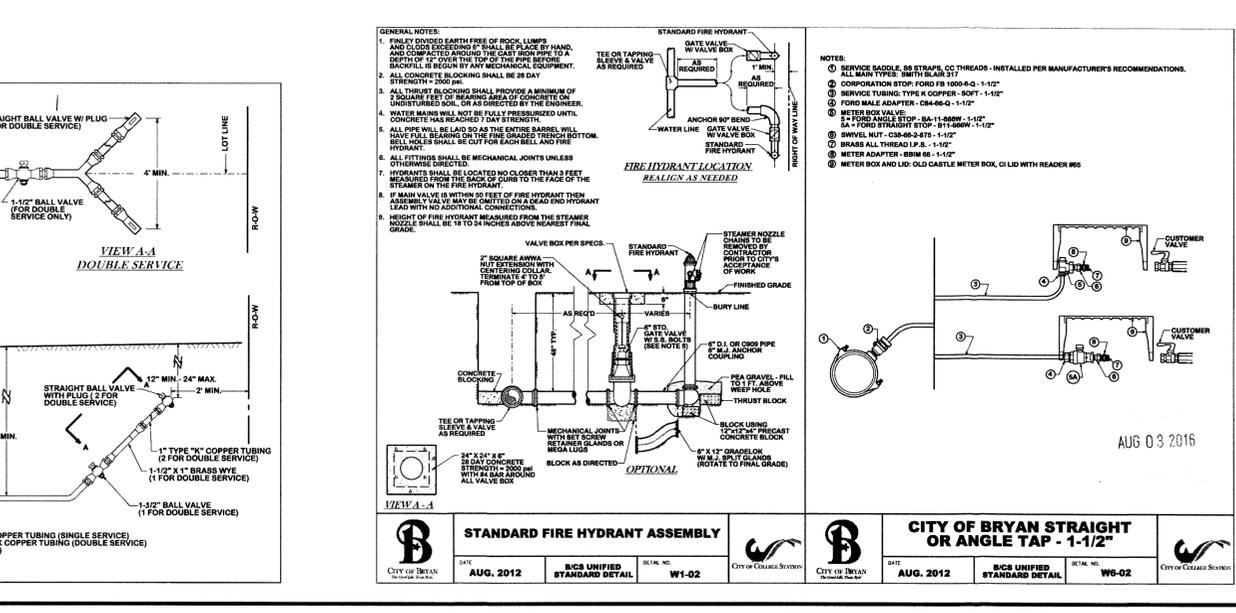
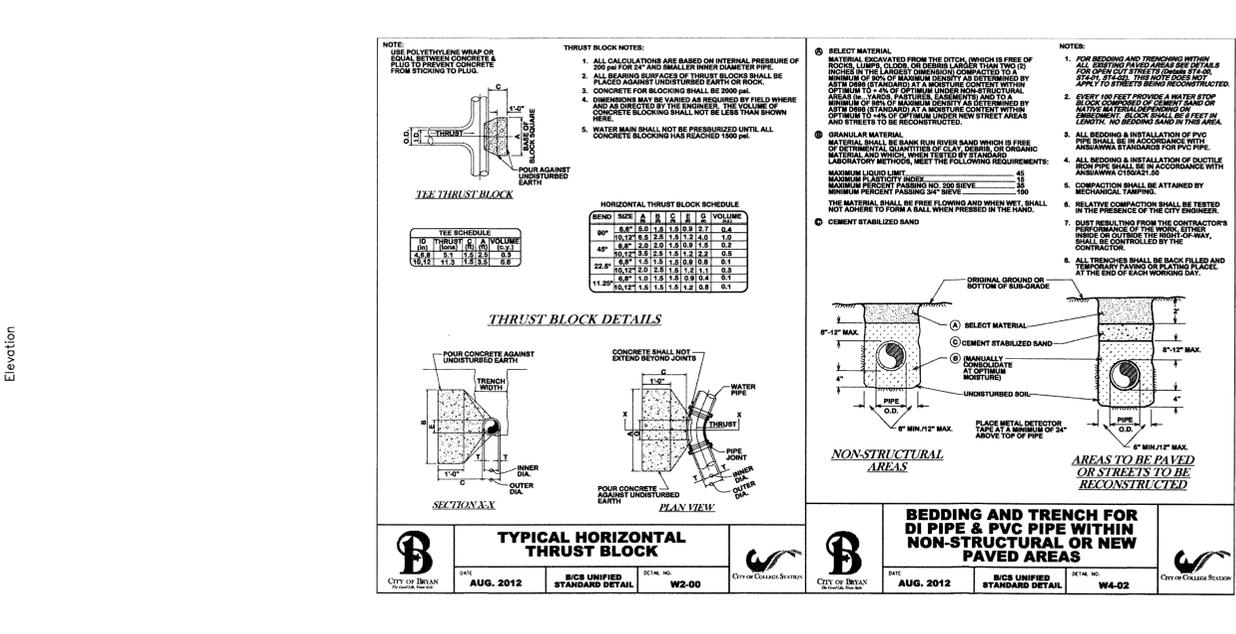
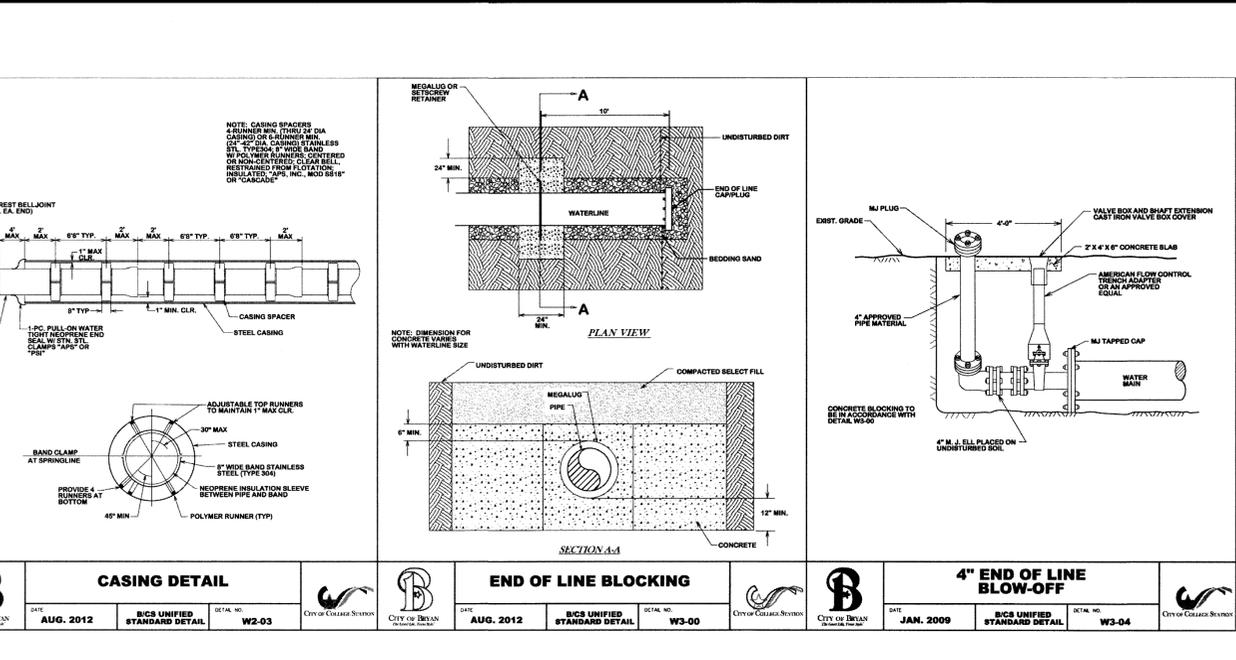
GENERAL NOTES:

- ALL UTILITIES AND SERVICE LINES SHOWN ARE TAKEN FROM BEST AVAILABLE RECORD INFORMATION BASED ON CONSTRUCTION UTILITY MAP DOCUMENTS OBTAINED BY KLING STUBBINS AND SURVEYING FROM CITY & INDEPENDENT AGENCIES AND/OR ABOVE GROUND FIELD EVIDENCE. SHOWN POSITIONS MAY NOT REPRESENT AS-BUILT POSITIONS.
- CONTRACTOR IS RESPONSIBLE TO REPORT ANY CONFLICTS BETWEEN PLAN AND ACTUAL CONDITIONS PRIOR TO CONSTRUCTION OF WORK ELEMENT AFFECTED. OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF INFORMATION OR DATA RELIED ON TO DEPICT UNDERGROUND FACILITIES. CONTRACTOR IS TO CONTACT OWNERS OF ALL UTILITIES AND SERVICE LINES WITHIN THE PROJECT AREA AND NOTIFY OF INTENT AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH FACILITY OWNERS. CONTRACTOR IS TO VERIFY THE EXACT LOCATION AND VERTICAL POSITIONING OF ALL UTILITIES, EXISTING UTILITIES, AND SERVICE LINES WITHIN THE PROJECT AREA WHETHER SHOWN ON THE PLANS OR NOT, AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH FACILITY OWNERS AND ANY RELOCATION, REMOVAL, AND INSTALLATION OF ADJUSTMENTS TO ALL EXISTING FACILITIES REQUIRED FOR PROSECUTION OF THE WORK. CONTRACTOR IS TO MAINTAIN STRUCTURAL INTEGRITY OF ALL PIPELINES, ELECTRIC TRANSMISSION POLES AND LINES, PERMANENT AND TEMPORARY UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DONE TO EXISTING UTILITIES, FACILITIES, PRODUCTS, ETC. AS A RESULT OF CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO CONTACT TEXAS11 AT LEAST 96 HOURS PRIOR TO CONSTRUCTION FOR LOCATION SERVICES. SPECIFIC ATTENTION SHOULD BE PAID TO FRANCHISE UTILITIES AS WELL AS OIL AND GAS PIPELINE COMPANIES. SHOULD A CONTACT ANNEE BETWEEN THE PROPOSED CONSTRUCTION AND AN EXISTING UTILITY, CONTACT CIVIL ENGINEERING CONSULTANTS AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS TO MAINTAIN AND INSURE INTEGRITY OF ALL EXISTING UTILITIES, PAVEMENT & SIDEWALK. CLOSE ATTENTION IS TO BE PAID TO ANY EXISTING POWER, TELEPHONE, & FIBER OPTIC LINES & POWER OR LIGHT POLES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DONE TO EXISTING PUBLIC OR PRIVATE UTILITY FACILITIES, PAVEMENT, ETC. AS A RESULT OF CONSTRUCTION ACTIVITIES AND IS TO RESTORE TO ORIGINAL OR BETTER CONDITION.
- CONTRACTOR IS TO CONTACT THE CITY OF BRYAN UTILITIES SERVICES, PUBLIC WORKS DEPARTMENT & DOT&S AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION.
- UNLESS OTHERWISE DIRECTED BY THE OWNER, ALL MATERIALS AND DEBRIS REMOVED SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DEPOSED OF IN A MANNER SATISFACTORY TO THE OWNER, ARCHITECT & ENGINEER. ON-SITE BURNING IS NOT PERMITTED.
- CONTRACTOR TO MAINTAIN A SAFE AND SECURE SITE. TRENCHES ARE NOT TO REMAIN OPEN PAST WORKING HOURS. CONTRACTOR IS TO FENCE OFF ANY STORAGE AREA FOR MATERIALS AND EQUIPMENT.
- CONTRACTOR SHALL PREVENT TRANSPORT OF SEDIMENT TO ADJACENT PROPERTIES AND PUBLIC ROADS BY WAYS AND IS RESPONSIBLE FOR CLEANUP IF SUCH OCCURS. CONTRACTOR IS TO INSURE NO CONSTRUCTION DEBRIS OR MATERIALS ARE DEPOSITED ON OR NEAR PUBLIC ROADS OR DRIVEWAYS. CONTRACTOR IS RESPONSIBLE FOR CLEANUP AFTER EACH DAY'S WORK. CONTRACTOR IS TO MAKE USE OF BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM LEAVING THE SITE OR ENTERING EXISTING DRAINAGE AREAS. MATERIALS TO BE COMPACTED TO MEET STD (ASTM D698). CONTRACTOR SHALL MAINTAIN EXPOSURE CONTROL THROUGHOUT CONSTRUCTION PERIOD AND UNTIL GRASS IS ESTABLISHED.
- CONTRACTOR IS TO HYDROLOGICALLY SEED ALL DISTURBED AREAS FOR RE-ESTABLISHMENT OF VEGETATION WITH GRASS SEED MIX AS INDICATED IN THE SWS'S PLAN. CONTRACTOR IS TO BE SEEDING TO A DEPTH OF 6". CONTRACTOR TO SUBMIT A SET OF "SEED LISTS" TO THE CITY OF BRYAN. CONTRACTOR IS RESPONSIBLE FOR THE CONTRACTOR TO SUBMIT A SET OF "SEED LISTS" TO THE CITY OF BRYAN. CONTRACTOR IS RESPONSIBLE FOR THE CONTRACTOR TO SUBMIT A SET OF "SEED LISTS" TO THE CITY OF BRYAN. CONTRACTOR IS RESPONSIBLE FOR THE CONTRACTOR TO SUBMIT A SET OF "SEED LISTS" TO THE CITY OF BRYAN.
- LIMITS OF WORK: CONTRACTOR IS TO CONFINE ALL WORK TO EXISTING EASEMENT AREAS OR OWNER'S PROPERTY. NO CONSTRUCTION ACTIVITY IS ALLOWED ON OR THROUGH PRIVATE PROPERTY UNLESS COVERED BY A PUBLIC UTILITY EASEMENT OR OTHER DOCUMENTED AGREEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTAINMENT AND PROPER DISPOSAL OF ALL LIQUID AND SOLID WASTE ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT THE OCCURRENCE OF WIND BLOWN LITTER FROM THE PROJECT SITE.
- PRIOR TO JOB CLOSURE, A SET OF "AS-BUILT" CONSTRUCTION PLANS MUST BE SUBMITTED TO THE CITY OF BRYAN FOR PUBLIC INFRASTRUCTURE & TO THE OWNER FOR THE ENTIRE PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT A SET OF "AS-BUILT" CONSTRUCTION PLANS SHOWING THE AS-BUILT CONDITIONS TO CIVIL ENGINEERING CONSULTANTS AT LEAST ONE WEEK PRIOR TO JOB CLOSURE. AS-BUILT DRAWINGS TO INCLUDE ALL PIPES, PAVING AND RESTRICTIONS ENCOUNTERED OR INSTALLED DURING CONSTRUCTION.



GENERAL NOTES:

- NO SPLICES IN COPPER TUBING WILL BE ALLOWED BETWEEN THE SERVICE SADDLE AND THE CURB STOP FOR SINGLE SERVICE OR BETWEEN THE SERVICE SADDLE AND THE WYE FOR DOUBLE SERVICE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE TEST LINE IMMEDIATELY AFTER THE STREET CROSSINGS HAVE BEEN INSTALLED.
- MARK EACH SERVICE END WITH METAL "T" POST PAINTED BLUE.
- MATERIAL USED SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
- ALL CONNECTIONS TO BE COMPRESSION TYPE.
- ALL SERVICE WYES & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.
- METERS AND VALVE BOXES SHALL BE PLACED BY THE STREET CROSSINGS.
- LOT CORNERS SHALL BE MARKED WITH A LATH UNDER THE SUPERVISOR'S F.A.R.P.S. UPON COMPLETION OF CONSTRUCTION.



GENERAL NOTES:

- FINELY DIVIDED EARTH FREE OF ROCK, LUMPS AND LIMBS SHALL BE PLACED BY HAND AND COMPACTED AROUND THE CAST IRON PIPE TO A PLUG TO PREVENT CONCRETE BACKFILL IS DONE BY ANY MECHANICAL EQUIPMENT.
- ALL CONCRETE BLOCKING SHALL BE 28 DAY STRENGTH = 3000 PSI.
- ALL THRUST BLOCKING SHALL PROVIDE A MINIMUM OF 2 SQUARE FEET OF BEARING SURFACE OF UNDISTURBED SOIL OR AS DIRECTED BY THE ENGINEER.
- WATER MAINS WILL NOT BE FULLY PRESSURIZED UNTIL CONCRETE HAS REACHED 28 DAY STRENGTH.
- ALL FITTINGS SHALL BE MECHANICAL JOINTS UNLESS OTHERWISE DIRECTED.
- HYDRANTS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO THE FACE OF CURB OR TO THE FACE OF THE STEAMER ON THE FIRE HYDRANT.
- IF MAIN VALVE IS WITHIN 20 FEET OF FIRE HYDRANT THEN ASSEMBLY SHALL BE AS SHOWN ON THIS PLAN AND END HYDRANT SHALL BE FULLY PRESSURIZED UNTIL CONCRETE HAS REACHED 28 DAY STRENGTH.
- HEIGHT OF FIRE HYDRANT MEASURED FROM THE FINISHED GRADE SHALL BE TO 24 INCHES ABOVE NEAREST FINISHED GRADE.

DESIGNED BY: D.J.D.
 DRAWN BY: D.J.D.
 APPROVED: APP
 JOB NO.: NUMBER

DON D. URDEN, INC.
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CEC
 COLLEGE ENGINEER
 STATE OF TEXAS
 ALFRED A. PAINE
 LICENSED PROFESSIONAL ENGINEER
 97221
 State of Texas
 License No. 97221
 License Expires 12/31/2015

BRYAN / COLLEGE STATION

REV	DATE	DESCRIPTION
1	4/22/16	REVISED PER CITY REVIEW #2-MODIFIED 8" GATE VALVE
2	4/29/16	REVISED PER CITY REVIEW #2-MODIFIED 18" CASING

SAVE OUR STREETS MNISTRIES
 LOT 2, BLOCK 1
 8" WATERLINE PLAN/PROFILE 0+00 - 3+80.36
 RESIDENTIAL / WORKSHOP & STORAGE
 BRYAN, BRAZOS COUNTY, TEXAS

C4.1