

Date: Apr 18, 2024, 9:21am, User: G. Nathan Chamberlain
File: G:\Projects\2408 - Prairie Green - Drawings - 10' Area (Final Approval)\2408 - Prairie Green - Unit 1 (400) (Drawn's Value or Offsite Water Improvements) OFFSITE WATER LAYOUT.dwg
UNITS: 1' = 50'

LEGEND

	FIRE HYDRANT
	EXISTING FIRE HYDRANT
	8" W
	WTR E
	EXISTING WATER MAIN
	1" WATER SERVICE WITH DUAL 3/4" METERS
	SINGLE WATER SERVICE
	SANITARY SEWER PIPE
	EXISTING SANITARY SEWER PIPE
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER MANHOLE
	FLOW DIRECTION
	SANITARY SEWER LATERAL
	EXIST. SANITARY SEWER LATERAL
	ELECTRIC, GAS, TELEPHONE AND CABLE TV
	VEHICLE NON-ACCESS EASEMENT
	BUILDING SETBACK LINE
	EASEMENT
	VOLUME/PAGE
	OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY TEXAS
	DEED AND PLAT RECORDS OF BEXAR COUNTY TEXAS
	EAST CENTRAL SPECIAL UTILITY DISTRICT
	POWER POLE
	EXISTING POWER POLE
	ELECTRIC TRANSFORMER
	TELEPHONE PEDESTAL
	CABLE T.V. PEDESTAL
	ELECTRIC RISER POLE
	EXISTING STREET LIGHT
	PROPOSED STREET LIGHT (100 WATT UG)
	RIGHT-OF-WAY
	BLOWOFF

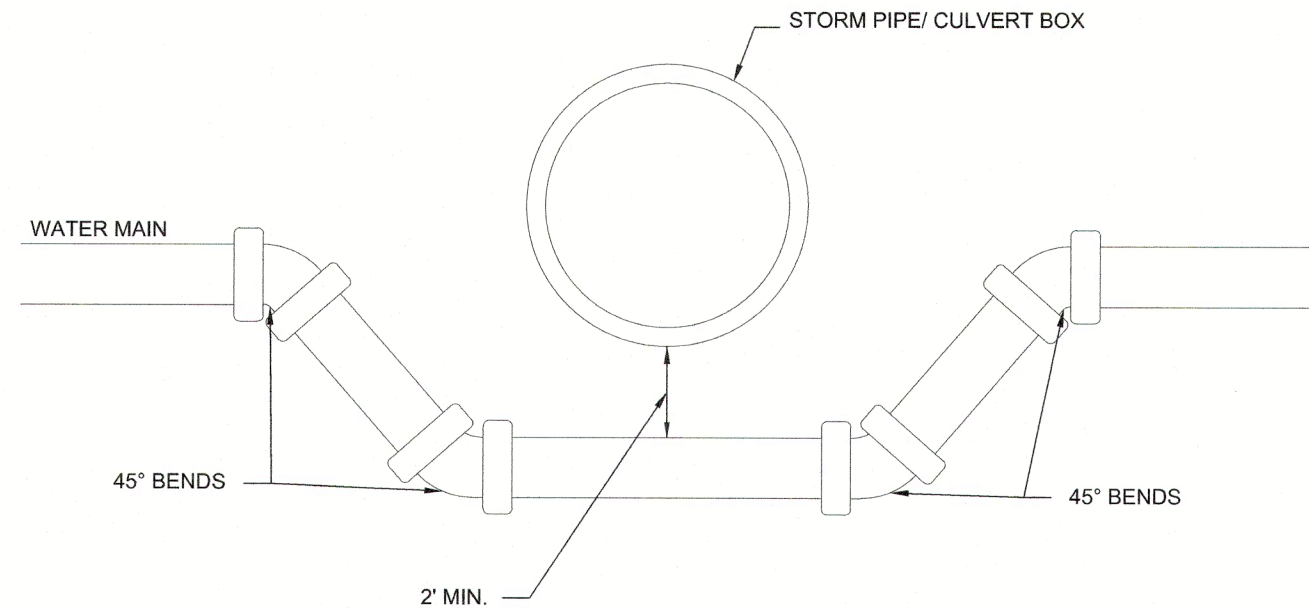
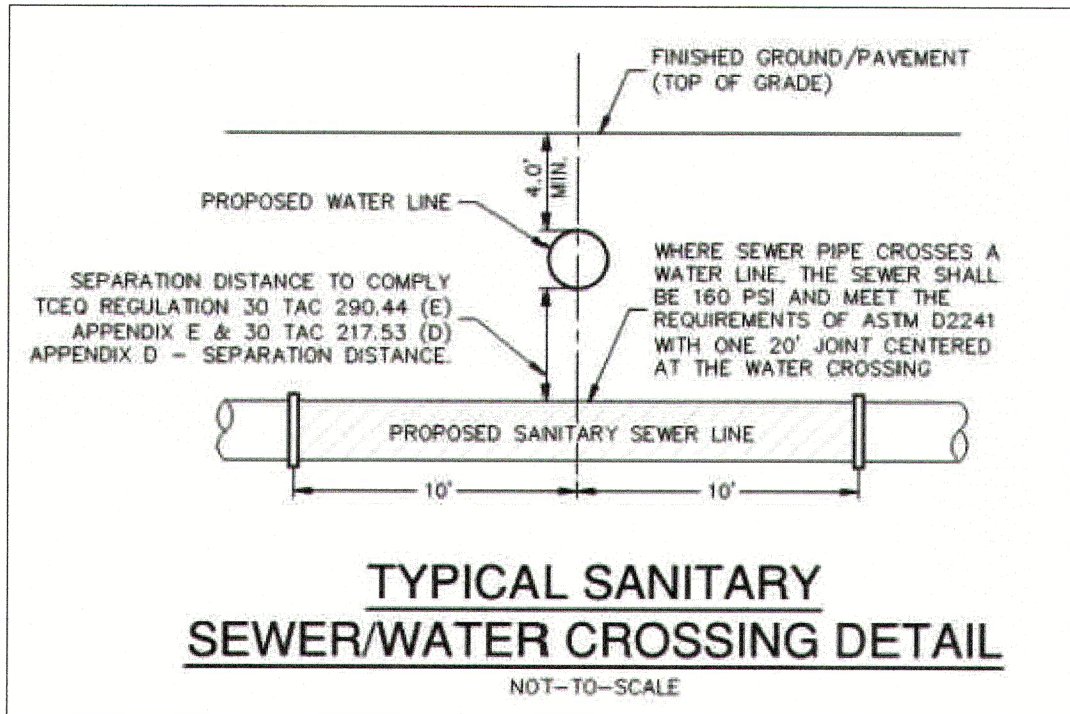
CAUTION:
CONTRACTOR TO VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

- NOTES:**
1. FIRE LINE SHALL BE PVC C900 FOR PIPES < 12" AND SHALL CONFORM TO ASTM DESIGNATION D2241. ALL FIRE LINES AND APPURTENANCES SHALL BE PER EAST CENTRAL SPECIAL UTILITY DISTRICT SPECIFICATIONS.
 2. ALL WATER LINE JOINTS ARE TO BE RESTRAINED PER MANUFACTURERS RECOMMENDATIONS.
 3. REPAIR ASPHALT AS REQUIRED FOR INSTALLATION OF WATER LINES.
 4. CONTRACTOR SHALL FURNISH & INSTALL ALL MATERIALS AND APPURTENANCES AS CALLED OUT ON PLANS.
 5. THE GATE VALVES AT THE TIE-IN CONNECTION TO THE WATER MAIN SHALL BE AFC (SERIES 2500) OR MUELLER (SERIES 2360) OPEN RIGHT.

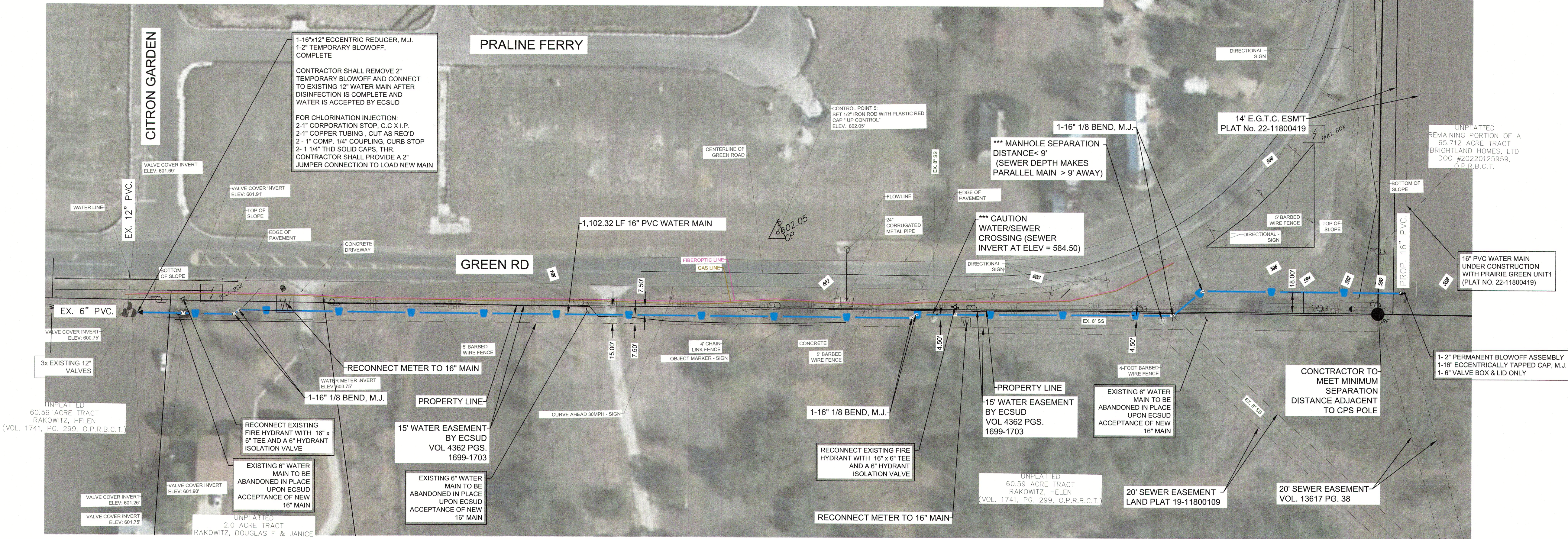
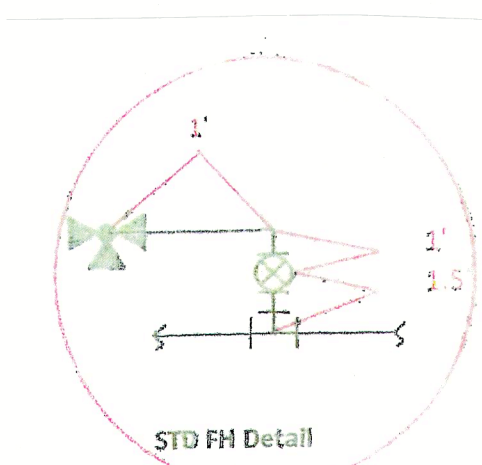
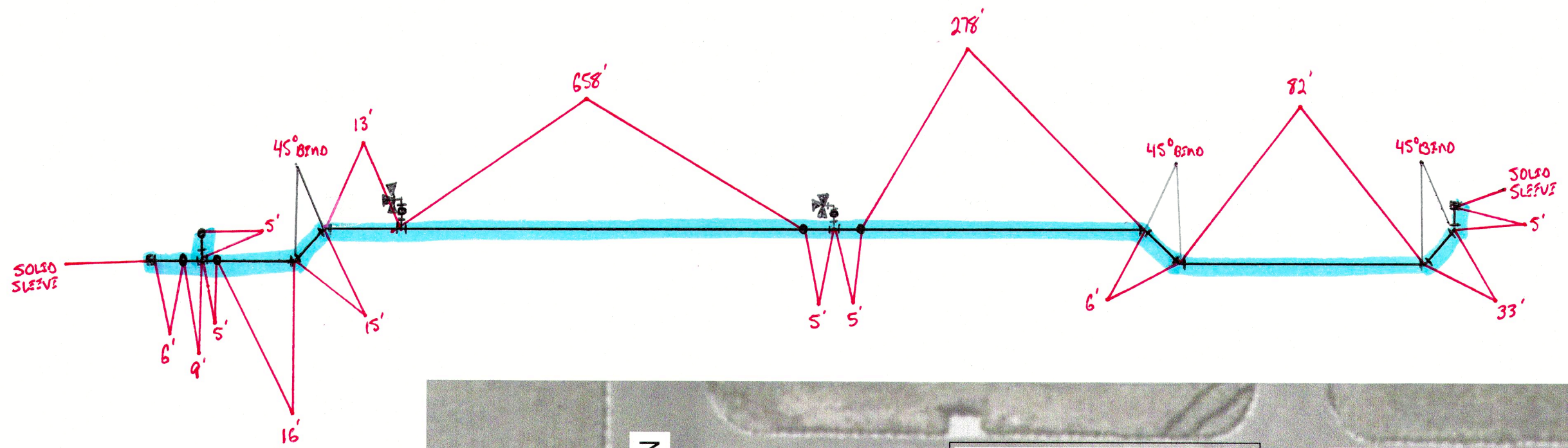
UTILITY PROVIDER:
EAST CENTRAL SPECIAL UTILITY DISTRICT
P.O. BOX 570
ADKINS, TEXAS 78101
210-649-2383

TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATIONS SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATIONS SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.



*** THE SEPARATION DISTANCE FROM A POTABLE WATERLINE TO A WASTEWATER MAIN OR LATERAL MANHOLE OR CLEANOUT SHALL BE A MINIMUM OF NINE FEET. WHERE THE NINE-FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, THE POTABLE WATERLINE SHALL BE ENCASED IN A JOINT OF AT LEAST 150 PSI PRESSURE CLASS PIPE AT LEAST 18 FEET LONG AND TWO NOMINAL SIZES LARGER THAN THE NEW CONVEYANCE. THE SPACE AROUND THE CARRIER PIPE SHALL BE SUPPORTED AT FIVE-FOOT INTERVALS WITH SPACERS OR BE FILLED TO THE SPRINGLINE WITH WASHED SAND. THE ENCASEMENT PIPE SHALL BE CENTERED ON THE CROSSING AND BOTH ENDS SEALED WITH CEMENT GROUT OR MANUFACTURED SEALANT [§290.44(E)(5)].



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THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF NATHAN CHAMBERLAIN, P.E. 131974
ON 04/19/2024
IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES

BRIGHTLAND HOMES
3815 S. CAPITAL OF TEXAS HWY
AUSTIN, TX 78704

PRAIRIE GREEN - UNIT 1
OFFSITE WATER
OFFSITE WATER LAYOUT

REV	DATE	DESCRIPTION	BY

DESIGNED BY: WPF
DRAFTED BY: JWH
CHECKED BY: NFU
SHEET
2
OF **3**