

DANE W. WRIGHT 135314

WATER LEGEND

COSA

CITY LIMITS-

NOT-TO-SCALE

FIRE HYDRANT

VNAE

CVE

ANTONIO

ETJ

ELMENDORF

3/4" SINGLE IRRIGATION SERVICE WITH 5/8" METER

VEHICULAR NON-ACCESS EASEMENT CLEAR VISION EASEMENT

FIRE FLOW NOTE:

IN AN EFFORT TO MEET THE CITY OF SAN ANTONIO'S FIRE FLOW REQUIREMENTS FOR THE PROPOSED RESIDENTIAL DEVELOPMENT, THE PUBLIC WATER MAIN SYSTEM HAS BEEN DESIGNED FOR A MINIMUM FIRE FLOW DEMAND OF 1500 GPM AT 25 PSI RESIDUAL PRESSURE. THE FIRE FLOW REQUIREMENTS FOR INDIVIDUAL STRUCTURES WILL BE REVIEWED DURING TH BUILDING PERMIT PROCESS IN ACCORDANCE WITH THE PROCEDURES SET FORTH BY THE CITY OF SAN ANTONIO DIRECTOR OF DEVELOPMENT SERVICES DEPARTMENT AND THE SAN ANTONIO FIRE DEPARTMENT FIRE MARSHAL.

GENERAL NOTES:

1. FIRE HYDRANT SHALL BE LOCATED BEHIND SIDEWALK IN ACCORDANCE WITH THE FIRE HYDRANT INSTALLATION DETAIL (SEE SHEET C4.04-C4.06) 2. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF ALL EXISTING UTILITIES HORIZONTALLY AND VERTICALLY PRIOR TO CONSTRUCTION. 3. ALL VALVES SHALL READ "OPEN RIGHT"

5. FIRE HYDRANTS AND VALVE BOXES TO BE RAISED TO THE PROPOSED TOP OF PAVEMENT OR GROUND ELEVATION. 6. ALL WATER PIPE TO BE C-900, DR-18, CLASS 150 UNLESS OTHERWISE

7. PER TCEQ TAC 217.53(d)(7)(B), WASTEWATER MAIN ENCASEMENT A W/WW/CULVERT CROSSING IS REQUIRED. ENCASEMENT TO FOLLOW TCEQ TAC 217.53 (d)(7)(D).

8. PER TCEQ TAC 290.44(e)(4)(B)(i), IF EXISTING WASTEWATER MAIN A W/WW/CULVERT CROSSING IS DISTURBED OR SHOWS SIGNS OF LEAKING DURING CONSTRUCTION THE EXISTING MAIN MAY REQUIRE ENCASEMENT AND REPLACEMENT WITH PRESSURE-RATED PIPE.

TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND/ OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN TH PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND /C 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 EXCAVATION SAFÉTY 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 ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

JOINT RESTRAINT NOTE:

CONTRACTOR SHALL INSTALL RETAINER GLANDS AT ALL FITTINGS AND PROVIDE JOINT RESTRAINING HARNESSES OR FIELD LOCK GASKETS AT ALL JOINTS WITHIN THE LENGTH SHOWN. CONTRACTOR SHALL INSURE THAT AL TEES, BENDS, VALVES, ETC. HAVE A MINIMUM OF 5 FT OF PIPE WITH NO JOINTS ON EACH SIDE OF THE FITTING. JOINT RESTRAINTS AND RETAINER GLANDS SHALL BE CALCULATED BY EAST CENTRAL SPECIAL UTILITY DISTRICT (ECSUD) APPROVED PROGRAMS. THERE WILL BE NO SEPARATE PAY ITEM FOR RÉTAINER GLANDS AND OTHER JOINT RESTRAINING HARNESSES AND GASKETS, BUT SHALL BE SUBSIDIARY TO THE UNIT COST PER LINEAL FOOT

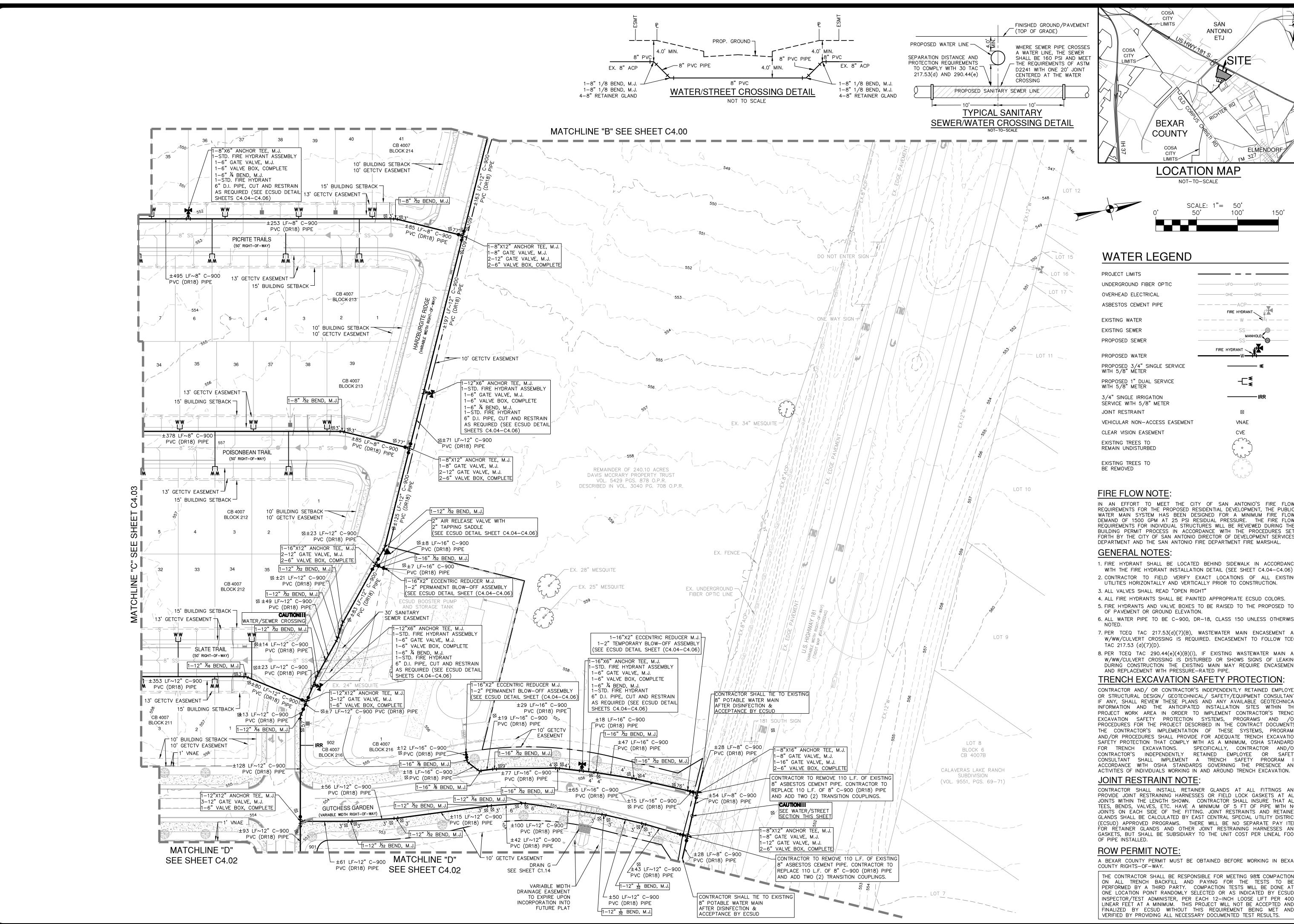
ROW PERMIT NOTE:

A BEXAR COUNTY PERMIT MUST BE OBTAINED BEFORE WORKING IN BEXAF COUNTY RIGHTS-OF-WAY.

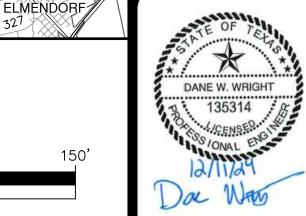
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING 98% COMPACTION ON ALL TRENCH BACKFILL AND PAYING FOR THE TESTS TO BE PERFORMED BY A THIRD PARTY. COMPACTION TESTS WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED OR AS INDICATED BY ECSUD INSPECTOR/TEST ADMINISTER. PER EACH 12-INCH LOOSE LIFT PER 400 LINEAR FEÉT AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY ECSUD WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.

AT NO. 24-1180015 12482-13 DATE DECEMBER 2024 HECKED<u>DW</u> DRAWN JF

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UNDERGROUND FIBER OPTIC ASBESTOS CEMENT PIPE

PROPOSED 3/4" SINGLE SERVICE

PROPOSED 1" DUAL SERVICE WITH 5/8" METER

SERVICE WITH 5/8" METER VEHICULAR NON-ACCESS EASEMENT

CLEAR VISION EASEMENT

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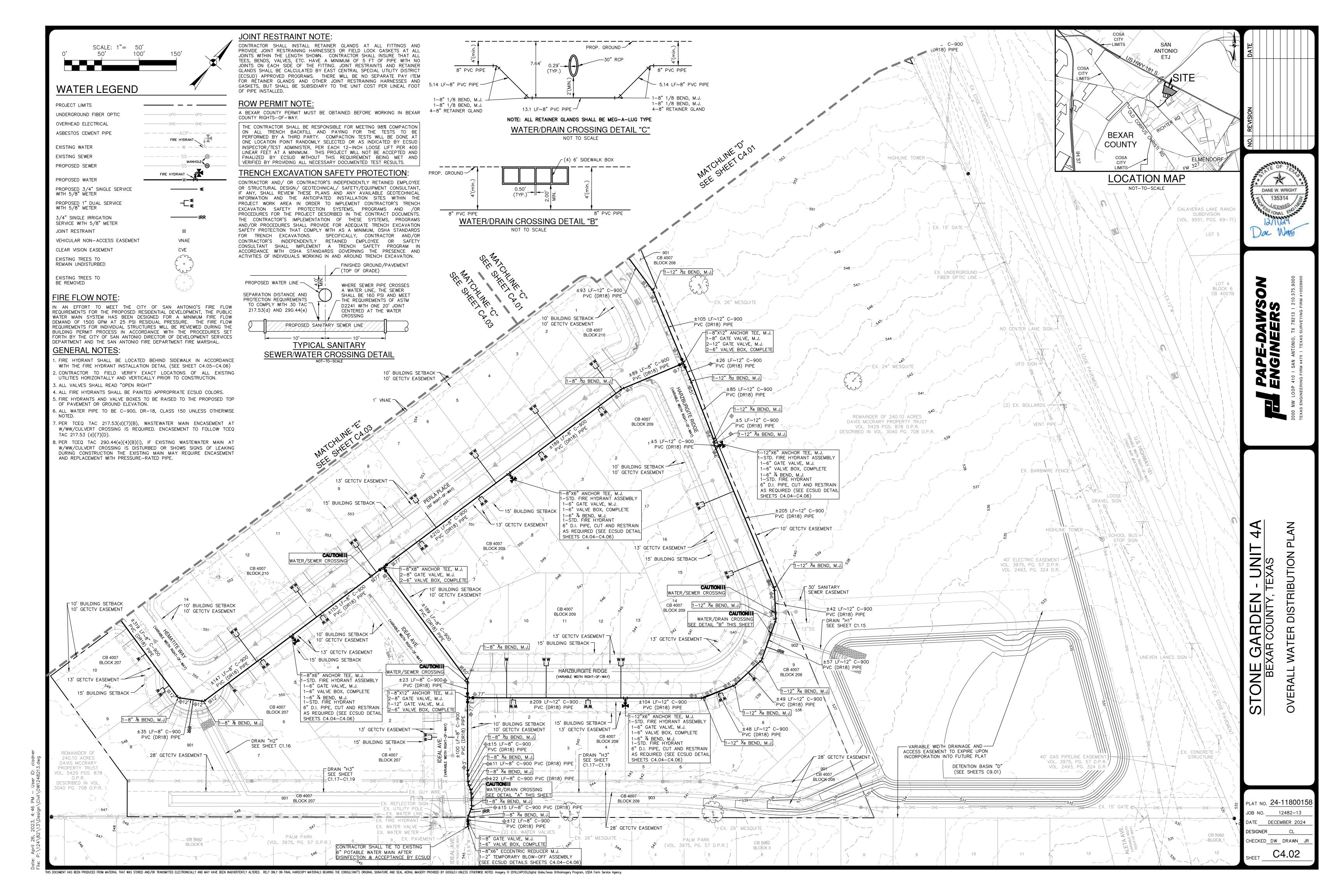
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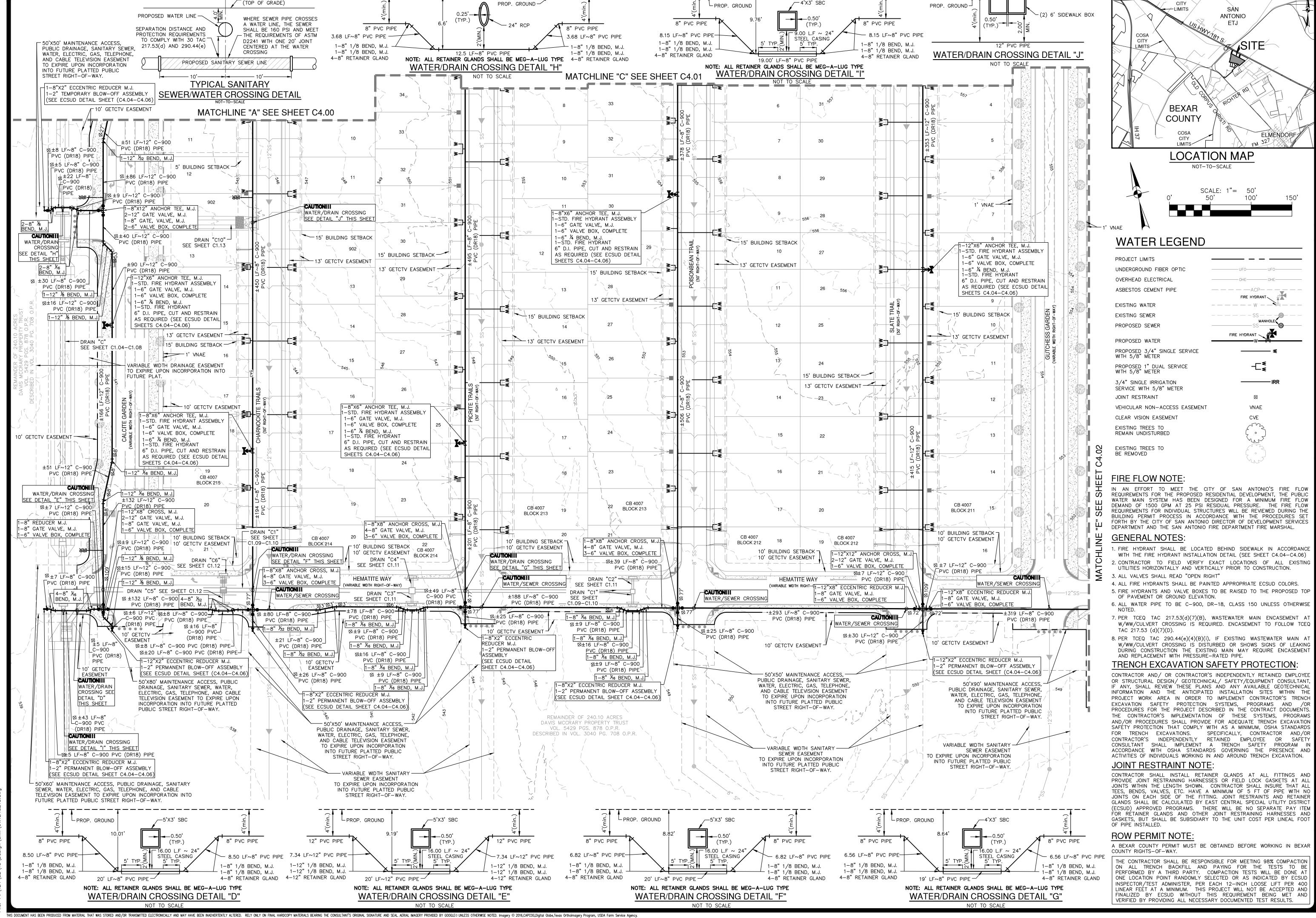
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HECKED<u>DW</u> DRAWN





FINISHED GROUND/PAVEMENT

PAPE-DAWSON
ENGINEERS
LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000

DANE W. WRIGHT

135314

ARDEN - UNIT 4A

PLAT NO. 24-11800158

JOB NO. 12482-13

DATE DECEMBER 2024

DESIGNER CL

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