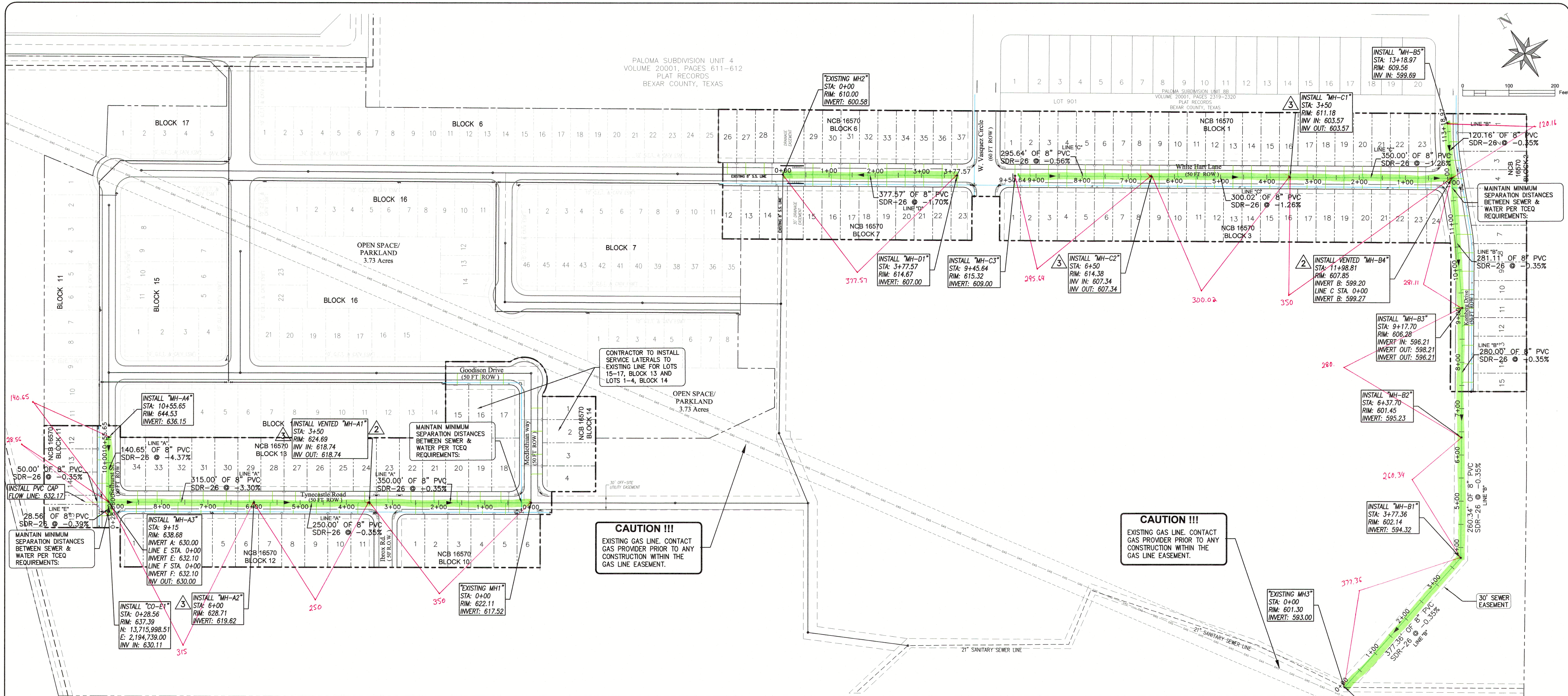




GENERAL NOTES

- ALL RESIDENTIAL SEWER SERVICE LATERALS ARE 6" DIA. AND SHALL BE EXTENDED TO THE PROPERTY LINE AND CAPPED AND SEALED.
- SEWER PIPE WHERE WATER LINE CROSSES SHALL BE 150 P.S.I. AND MEET THE REQUIREMENTS OF ASTM D2241. CONTRACTOR SHALL CENTER A 20 FOOT JOINT OF 150 P.S.I. PRESSURE RATED P.V.C. OVER THE PROPOSED WATER CROSSING. (NO SEPARATE PAY ITEM)
- REFERENCE SHEETS 3.1 AND 3.2 SANITARY SEWER GENERAL NOTES. (SAN ANTONIO RIVER AUTHORITY REQUIREMENTS)
- PIPE TYPE DESIGNATION IS SDR 26. SLOPE FROM MAIN TO ALL 6" SEWER LATERALS WILL BE SET AT 2% TO PROPERTY LINE.
- ALL MANHOLES SHALL HAVE CONCRETE RING ENCASUREMENT AND A WATER TIGHT RING AND COVER. SEE SHEET 3.2 FOR DETAILS.
- WHERE A SANITARY SEWER CROSSES A WATERLINE AND THE SEWER IS CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC WITH A MINIMUM PRESSURE RATING OF 150 P.S.I., AN ABSOLUTE MINIMUM DISTANCE OF SIX INCHES BETWEEN OUTSIDE DIAMETERS SHALL BE MAINTAINED. IN ADDITION, THE SEWER SHALL BE LOCATED BELOW THE WATERLINE WHERE POSSIBLE, AND ONE LENGTH OF THE SEWER PIPE MUST BE CENTERED ON THE WATERLINE.
- CONTRACTOR SHALL RE-TEST THE PORTION OF THE EXISTING SANITARY SEWER LINE WHEN 5 OR MORE PROPOSED SEWER LATERALS WILL BE INSTALLED TO CONNECT TO THAT PORTION OF THE EXISTING SANITARY SEWER LINE. (SAN ANTONIO RIVER AUTHORITY REQUIREMENTS.)

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 ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLAN SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH AS MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

UTILITY RELOCATION NOTE

THE EXISTING UTILITIES AS SHOWN ARE FROM INFORMATION PROVIDED BY THE UTILITY COMPANIES AND ARE SHOWN IN THE APPROXIMATE LOCATIONS AS DEPICTED ON UTILITY MAPS AND FIELD OBSERVATIONS FOR THE CONVENIENCE OF THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCING EXCAVATION, AND TO NOTIFY THE OWNERS OF THOSE UTILITIES AT LEAST FOURTY-EIGHT HOURS IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT AND SUPPORT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED TO THE CURRENT STANDARDS OF THE OWNER OF THE UTILITY AT THE EXPENSE OF THE CONTRACTOR.

LOCATOR NOTE

CALL THE TEXAS STATEWIDE ONE CALL LOCATOR # 1-800-344-8377 AT LEAST 48 HOURS BEFORE BEGINNING ANY EXCAVATION.

GAS LINE NOTE

THERE IS AN EXISTING GAS LINE WITHIN THE PROJECT SITE. CONTRACTOR SHALL COORDINATE WITH THE GAS COMPANY PRIOR TO STARTING ANY WORK WITHIN THE GAS LINE EASEMENT.

SANITARY SEWER SYSTEM - ESTIMATE OF QUANTITIES

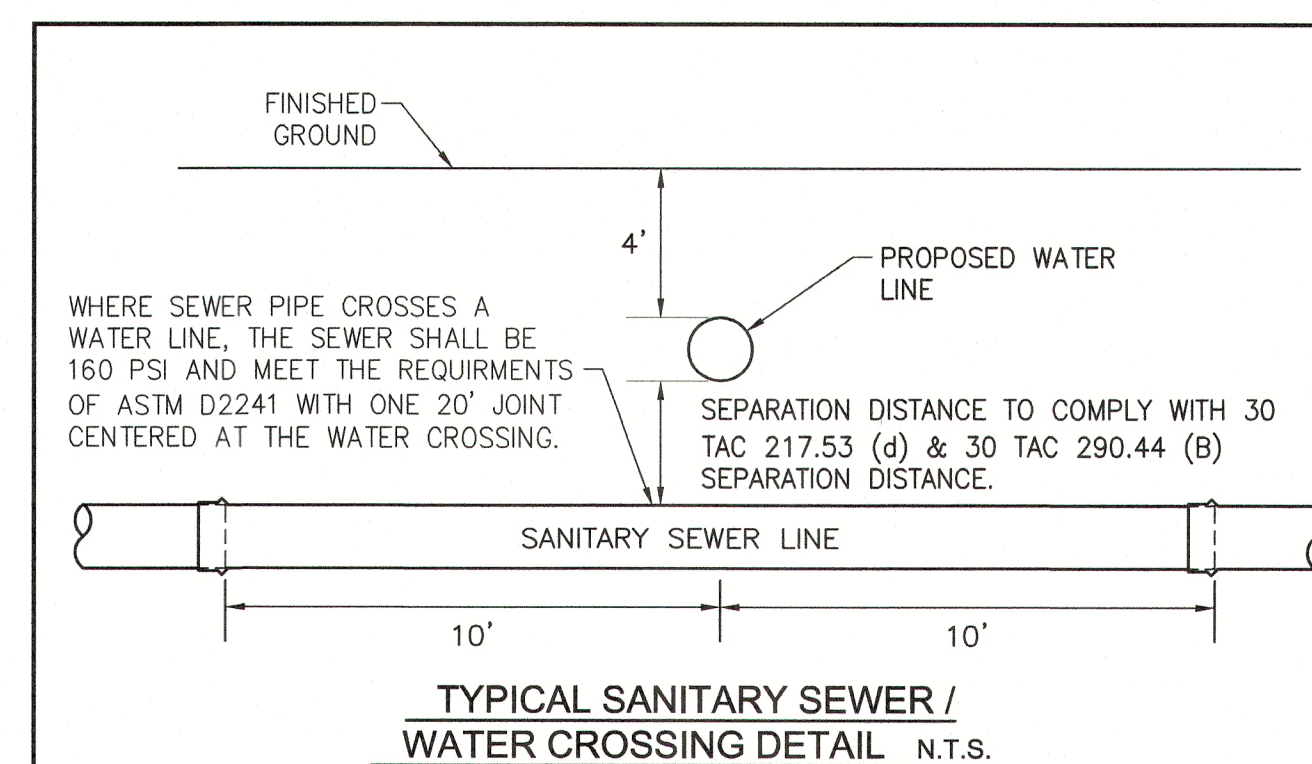
ITEM	DESCRIPTION	QUANTITY	UNIT
550	TRENCH EXCAVATION SAFETY PROTECTION	3776	LF
848	8" PVC GRAVITY SANITARY SEWER LINE 6'-10' CUT(SDR26)	3776	LF
853	MANHOLES - ALL DEPTHS	13	EACH
854	SANITARY SEWER LATERALS	131	EACH

CPS ENERGY CLEARANCE NOTE

1. CONTRACTOR SHALL MAINTAIN ADEQUATE WORKING CLEARANCE FROM OVERHEAD UTILITIES IN COMPLIANCE WITH C.P.S. REQUIREMENTS.

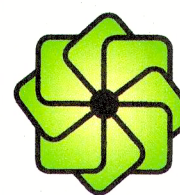
LEGEND

	SEWER SERVICE LATERAL
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED WATER MAIN
	EXISTING WATER LINE
	PROPOSED SEWER MAIN
	EXISTING SEWER LINE
	PROPOSED SS MANHOLE
	PROPOSED SS CLEANOUT
	PROPOSED STORM DRAINAGE



Designed By: JPS
Drawn By: RXL
Checked By: JPS
Approved By: JPS
File: SEWER OVERALL PLAN (1 OF 2)

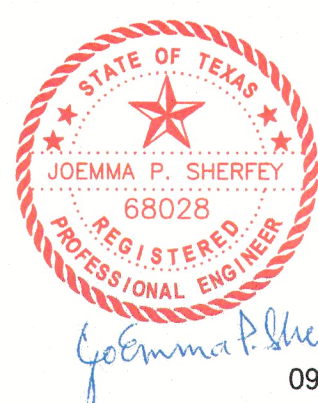
Revision	Date	Description
1	9/12/24	REVISED NOTE
2	9/12/24	ADDED VENTED MANHOLE
3	9/12/24	ADDED/ADJUSTED MANHOLE



SHERFEY
ENGINEERING
COMPANY, L.L.C.
T.B.P.E. FIRM REGISTRATION No. F-3132

104 Del Court
Suite 400
Laredo, Texas 78041
(956) 791-3511

PALOMA PARK SUBDIVISION
PHASE II
PLAT No. 24-11800309



09/30/2024

SANITARY SEWER OVERALL PLAN

Scale:

Date: 7/31/2024

Revised: 9/12/2024

PROJ. NO. 8314.02

3.3

SHEET 3.3 OF 40