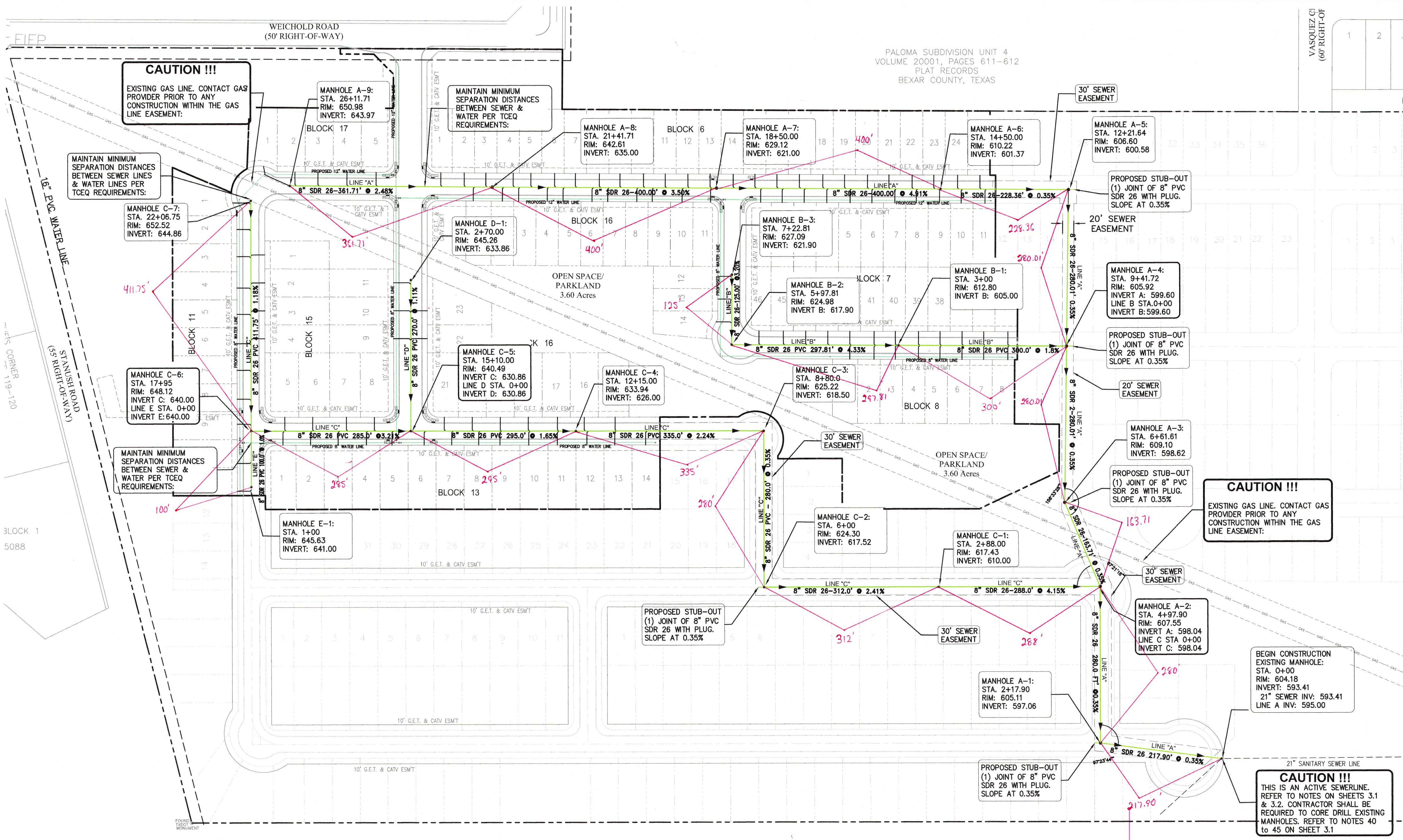




LEGEND

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

TYPICAL SANITARY SEWER / WATER CROSSING DETAIL

WHERE SEWER PIPE CROSSES A WATER LINE, THE SEWER SHALL BE 160 PSI AND MEET THE REQUIREMENTS OF ASTM D2241 WITH ONE 20" JOINT CENTERED AT THE WATER CROSSING.

SEPARATION DISTANCE TO COMPLY WITH 30 TAC 217.53 (d) & 30 TAC 290.44 (B) SEPARATION DISTANCE.

N.T.S.

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 2241. 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 ENCASEMENT AND A WATER TIGHT RING AND COVER. SEE SHEET 3.6 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.

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.

CPS ENERGY CLEARANCE NOTE

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

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.

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 OF 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.

SARA SEWER BASIN 5 - MARTINEZ IV

DEVELOPER'S NAME: PALOMA PARK, LLC.
ADDRESS: 104 DEL COURT SUITE 400
CITY: LAREDO STATE: TEXAS ZIP: 78041
PHONE#: (956) 791-3511 FAX: (956) 791-3144
SARA MAP # 000000 TOTAL EDU'S 119 TOTAL AC: 23.82
TOTAL LINEAR FOOTAGE OF PIPE: 5,918 L.F. OF 8" DIAMETER SDR 26
NUMBER OF LOTS: 119 SARA JOB NO: 00-0000 PLAT NO: 22-11800343

SANITARY SEWER SYSTEM - ESTIMATE OF QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	UNIT
550	TRENCH EXCAVATION SAFETY PROTECTION	5918	LF
848	8" PVC GRAVITY SANITARY SEWER LINE 6'-10' CUT(SDR26)	5918	LF
853	MANHOLES - ALL DEPTHS	20	EACH
854	SANITARY SEWER LATERALS	119	EACH

Designed By: JPS
Drawn By: RXL
Checked By: EM
Approved By: JPS
File: \\Open Projects\8314.00 100-Acre Woods Tract\8.0 Cadd\8.4 Plan Sheets

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 I
PLAT No. 22-11800343

SANITARY SEWER OVERALL PLAN
SARA JOB No. _____

Scale: _____ Date: 8/23/2022 Revised: _____

PROJ. NO. 8314
3.3
SHEET 3.3 OF 44