



PERMITS REQUIRED FOR CONSTRUCTION	
<input checked="" type="checkbox"/>	NO PERMITS REQUIRED
<input type="checkbox"/>	TXDOT
<input type="checkbox"/>	CITY: _____
<input type="checkbox"/>	COUNTY: _____
<input type="checkbox"/>	FLOODCONTROL/DRAINAGE: _____
<input type="checkbox"/>	RAILROAD: _____

GAS STAKING		
JOB NO: _____	BY: _____	DATE: _____
ESMTS. DED. BY: _____	ESMT. DOCUMENTS: _____	
MONUMENTATION FND.: _____	PLAT DIST. CHK.=D: _____	
ESMTS. NEEDED AT: _____		
NON-STD. STAKING: _____	REASON: _____	



VICINITY MAP

LEGEND

EXISTING MAIN		PROP 2" IP PLA, SDR 11.0 PE 2708	
PROP MAG ANODE		PROP 5# ZINC ANODE	
PROP TRANS STATION		PROP MARKER BALL	
PROP TEST POINT		PROP LINE MARKER	
PROP LOCATION POINT			

STAKING REQUEST#: 114567464

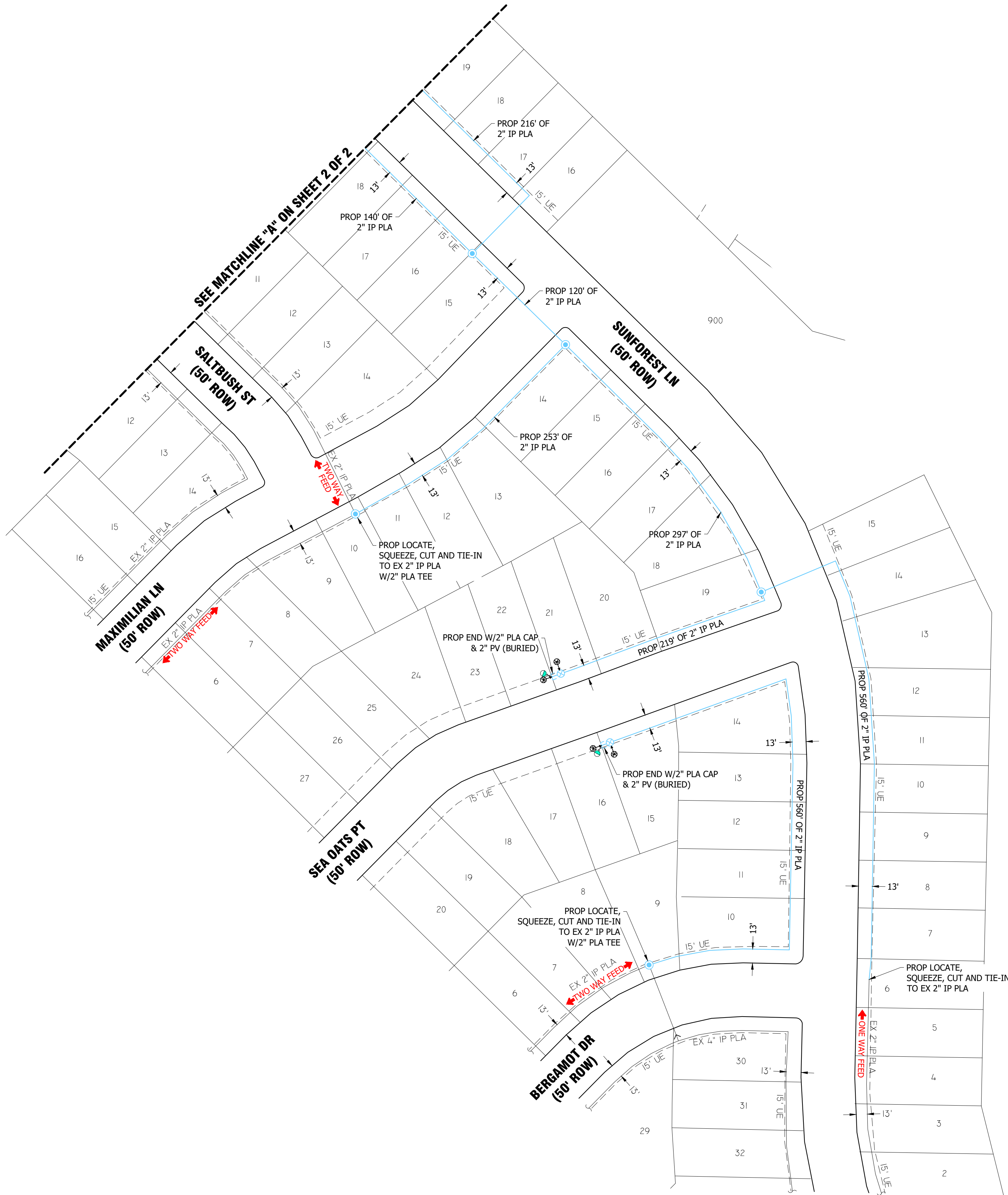
GCO# 14081

DRAFTER: CSW 11/21/2024
CKR: AN 11/21/2024
ENGR: _____

GENERAL NOTES:

- FIELD VERIFY & LOCATE ALL EXISTING FEEDS, MAINS & SERVICES.
- MAINTAIN A MINIMUM DEPTH OF 3' UNLESS OTHERWISE NOTED.
- USE GAUGES TO MONITOR & MAINTAIN FEEDS & PRESSURE.
- CONTACT DESIGNER (CALEB MUNIZ AT 830-643-6936) WITH ANY NECESSARY FIELD CHANGES.
- THIS PROJECT IS SUBJECT TO SEWER LATERAL INSPECTION TO VERIFY CLEARANCE, PER THE OPTIONS STATED IN THE CONSTRUCTION AND SERVICE MANUAL. ENGINEERING WAS UNABLE TO VERIFY THE CLEARANCE WITH MAPS AND RECORDS.
- TAKE NECESSARY PRECAUTIONS WHEN CUT, CAP & REMOVING STEEL MATERIAL. ASSUME ALL TAR WRAP PIPE CONTAINS ASBESTOS AND FOLLOW CONSTRUCTION AND SERVICE MANUAL PROCEDURES (SECTION: CS-B-1-.330) FOR REMOVAL OF PIPE AND GASKETS WITH ASBESTOS CONTAINING MATERIAL OR PRESUMED ASBESTOS CONTAINING MATERIAL.
- FOR IP PIPE TEST PRESSURE AT 100 PSIG IN ACCORDANCE WITH SECTION CS-B-1.220 OF THE CONSTRUCTION & SERVICE MANUAL. HP LINE TEST PRESSURE AND DURATION ARE AS NOTED.
- ALL SERVICE LINES MUST HAVE AN EFV OR CURB VALVE INSTALLED IN ACCORDANCE WITH SECTION CS-FORM 1.150 OF THE CONSTRUCTION AND SERVICE MANUAL AND EFV SIZING CHART. *CONTACT ENGINEERING FOR ADDITIONAL SIZING RECOMMENDATIONS.
- COORDINATE CATHODIC PROTECTION WITH THE CORROSION DEPARTMENT (JOE FELLMAN AT 713-967-7311) AND ENSURE CP DEPARTMENT IS ON SITE DURING CONSTRUCTION TO MAKE BONDS.
- DIMENSION ALL TIE-IN LOCATIONS FROM ESTABLISHED RIGHT OF WAYS.
- CRITERIA TO BE USED FOR TRACER WIRE SELECTION WHEN INSTALLING PLASTIC GAS LINES:
 - USE #14 TRACER WIRE FOR ALL RESIDENTIAL SERVICE LINES.
 - USE #14 TRACER WIRE FOR SHORT BORES UP TO 300' AND ALL OTHER NON-BORE INSTALLATIONS.
 - USE #10 TRACER WIRE WITH ALL BORES LONGER THAN 300'.
 - USE #8 TRACER WIRE AS NEEDED FOR LARGE BAYOU CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX BORES.INSPECTOR APPROVAL REQUIRED PRIOR TO WORK.

PIPE SUMMARY GENERIC		
PIPE REQUIRED - WO#: 114567464		
2522' 2" PLA MAIN IP - Intermediate Pressure		
4818' TOTAL PIPE		
DESIGNED BY: CALEB MUNIZ	830-643-6936	
ESTIMATED COST: \$	CONTRIBUTION: \$	
NEED DATE: 06/20/2025	COMPLETION DATE:	
PURPOSE AND NECESSITY: INSTALL 2" IP PLA TO SERVE THE SUNFLOWER RIDGE UNIT 2 SUBDIVISION IN NEW BRAUNFELS, COMAL COUNTY, TEXAS		
DRAWN BY: SB	RECOMMENDED BY: ABEL ARISPE	DATE: 12/03/2024
DATE: 11/15/2024	APPROVED BY: TYLER BYRD	DATE: 12/11/2024
SCALE: 1=60	APPROVED BY:	DATE:
SHEET: 1 OF 2		
F:225913820		O:225613816
SUNFLOWER RIDGE UNIT 2 NEW BRAUNFELS, TEXAS		
		CenterPoint Energy Texas Region - Houston Gas Engineering DWG NO: ED3-2402943



PERMITS REQUIRED FOR CONSTRUCTION

☒ NO PERMITS REQUIRED

☐ TXDOT

☐ CITY: _____

☐ COUNTY: _____

☐ FLOODCONTROL/DRAINAGE: _____

☐ RAILROAD: _____

GAS STAKING

JOB NO: _____ BY: _____ DATE: _____

ESMTS. DED. BY: _____ ESMT. DOCUMENTS: _____

MONUMENTATION FND.: _____ PLAT DIST. CHK.=D: _____

ESMTS. NEEDED AT: _____

NON-STD. STAKING: _____ REASON: _____



VICINITY MAP

LEGEND

EXISTING MAIN

PROP MAG ANODE

PROP TRANS STATION

PROP TEST POINT

PROP LOCATION POINT

PROP 2" IP PLA, SDR 11.0 PE 2708

PROP 5# ZINC ANODE

PROP MARKER BALL

PROP LINE MARKER

STAKING REQUEST#: 114567464

GCO# 14081

- GENERAL NOTES:
1. FIELD VERIFY & LOCATE ALL EXISTING FEEDS, MAINS & SERVICES.

2. MAINTAIN A MINIMUM DEPTH OF 3' UNLESS OTHERWISE NOTED.

3. USE GAUGES TO MONITOR & MAINTAIN FEEDS & PRESSURE.

4. CONTACT DESIGNER (CALEB MUNIZ AT 830-643-6936) WITH ANY NECESSARY FIELD CHANGES.

5. THIS PROJECT IS SUBJECT TO SEWER LATERAL INSPECTION TO VERIFY CLEARANCE, PER THE OPTIONS STATED IN THE CONSTRUCTION AND SERVICE MANUAL. ENGINEERING WAS UNABLE TO VERIFY THE CLEARANCE WITH MAPS AND RECORDS.

6. TAKE NECESSARY PRECAUTIONS WHEN CUT, CAP & REMOVING STEEL MATERIAL. ASSUME ALL TAR WRAP PIPE CONTAINS ASBESTOS AND FOLLOW CONSTRUCTION AND SERVICE MANUAL PROCEDURES (SECTION: CS-B-1-.330) FOR REMOVAL OF PIPE AND GASKETS WITH ASBESTOS CONTAINING MATERIAL OR PRESUMED ASBESTOS CONTAINING MATERIAL.

7. FOR IP PIPE TEST PRESSURE AT 100 PSIG IN ACCORDANCE WITH SECTION CS-B-1.220 OF THE CONSTRUCTION & SERVICE MANUAL. HP LINE TEST PRESSURE AND DURATION ARE AS NOTED.

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•CONTACT ENGINEERING FOR ADDITIONAL SIZING RECOMMENDATIONS.

9. COORDINATE CATHODIC PROTECTION WITH THE CORROSION DEPARTMENT (JOE FELLMAN AT 713-967-7311) AND ENSURE CP DEPARTMENT IS ON SITE DURING CONSTRUCTION TO MAKE BONDS.

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C. USE #10 TRACER WIRE WITH ALL BORES LONGER THAN 300'.
D. USE #8 TRACER WIRE AS NEEDED FOR LARGE BAYOU CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX BORES.
INSPECTOR APPROVAL REQUIRED PRIOR TO WORK.

PIPE SUMMARY GENERIC

PIPE REQUIRED - WO#: 114567464

2296' 2" PLA MAIN IP - Intermediate Pressure

4818' TOTAL PIPE

DESIGNED BY: CALEB MUNIZ

830-643-6936

ESTIMATED COST: \$

CONTRIBUTION: \$

NEED DATE:

COMPLETION DATE:

PURPOSE AND NECESSITY: INSTALL 2" IP PLA TO SERVE THE SUNFLOWER RIDGE UNIT 2 SUBDIVISION IN NEW BRAUNFELS, COMAL COUNTY, TEXAS

DRAWN BY: SB

RECOMMENDED BY: ABEL ARISPE

DATE: 12/03/2024

DATE: 11/15/2024

APPROVED BY: TYLER BYRD

DATE: 12/12/2024

SCALE: 1"=60'

APPROVED BY:

DATE:

SHEET: 2 OF 2

F:225913820

O:225613816

SUNFLOWER RIDGE UNIT 2
NEW BRAUNFELS, TEXAS

CenterPoint.
Energy

Texas Region - Houston Gas Engineering

DWG NO: ED3-2402943