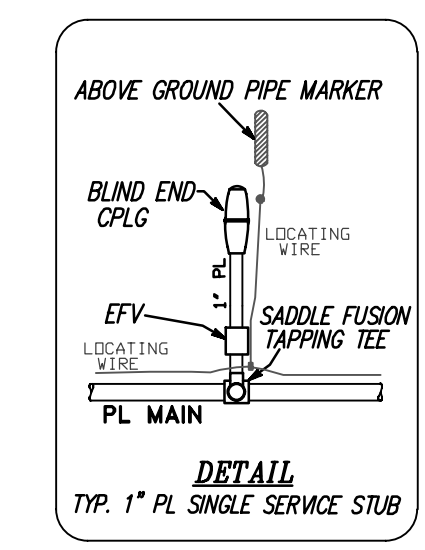
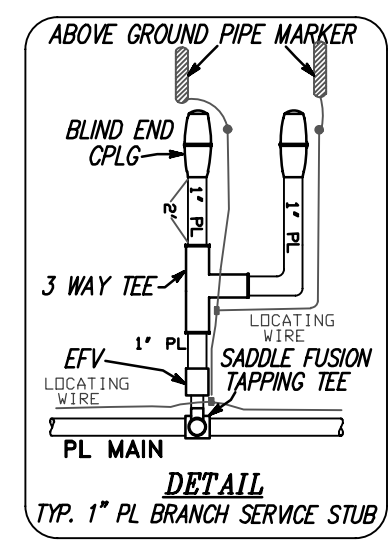
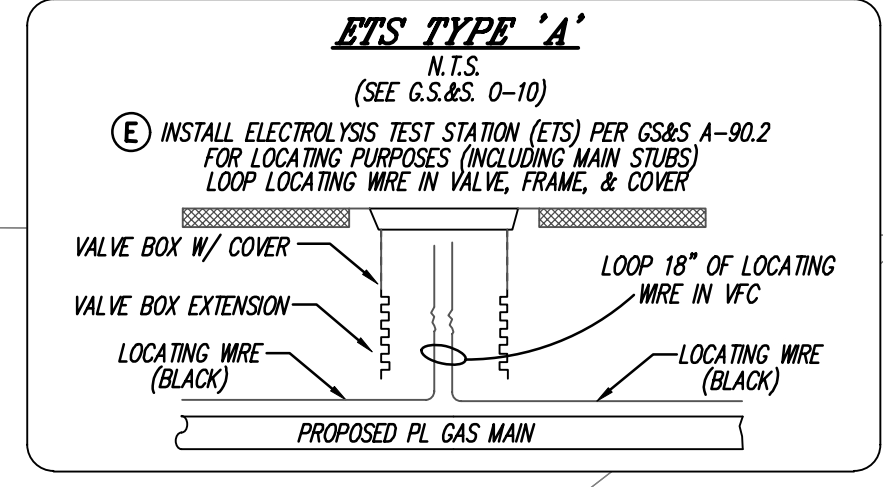
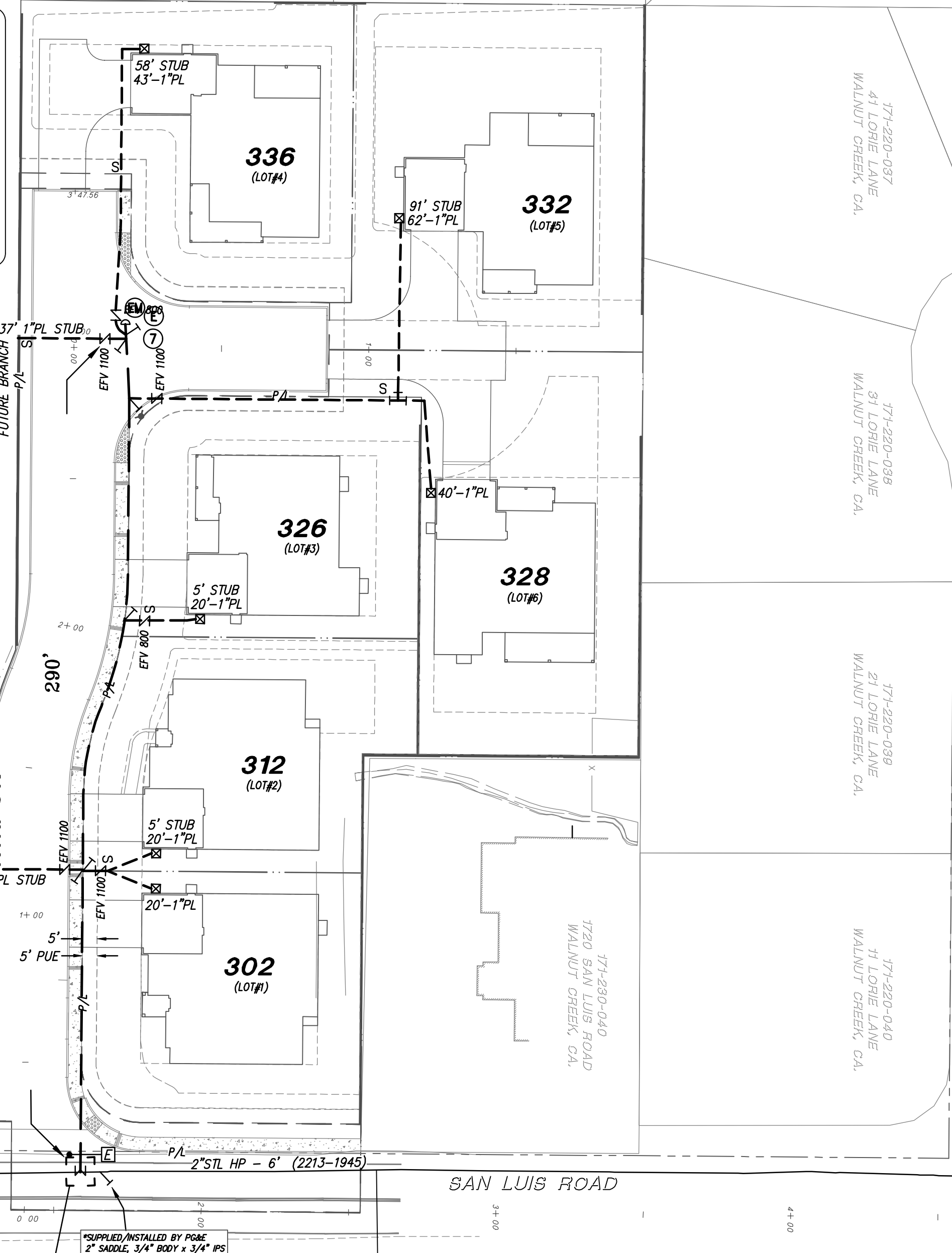
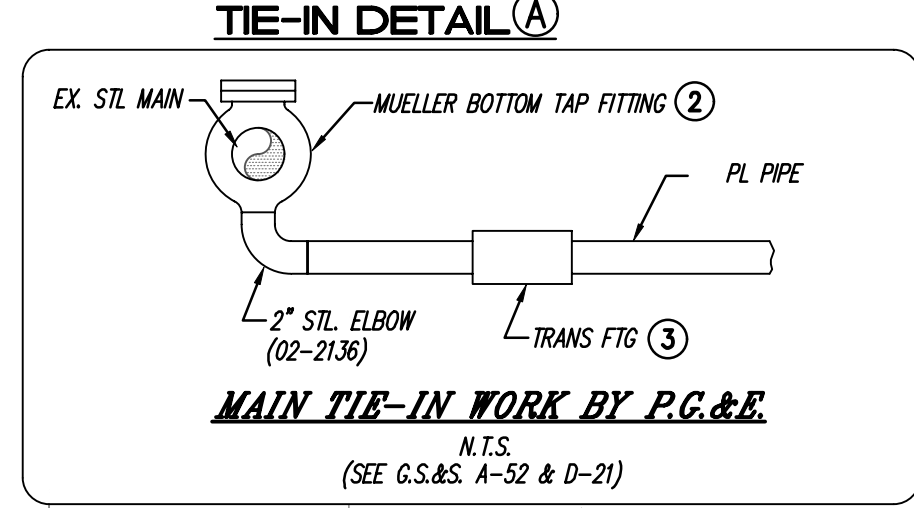
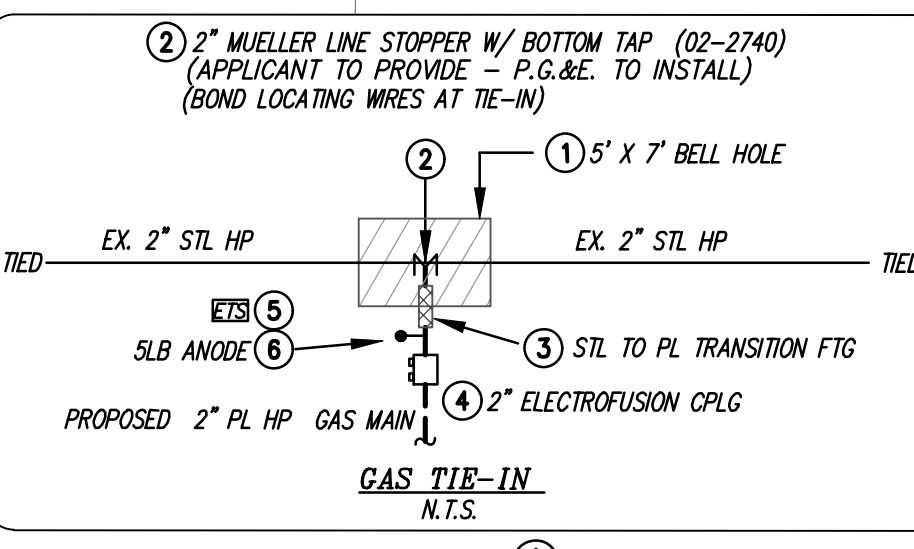


**TOTAL RECAP**  
 INSTALL 290 LF OF 2" PLASTIC PE 2406 GAS MAIN (JT)  
 INSTALL 8 1" PLASTIC PE 2406 GAS SERVICE STUBS (JT)  
 (OF THOSE 2 1" PLASTIC PE 2406 BRANCH STUB SERVICES)  
 INSTALL 6 EXCESS FLOW VALVES  
 INSTALL 2 SLB ZINC ANODES (56-9145)  
 INSTALL #10 LOCATING WIRE AND BOND WIRE AT TIE-INS  
 AT LATER DATE:  
 INSTALL 6 1" PLASTIC PE 2406 SERVICE COMPLETIONS (JT)  
 INSTALL 6 DOMESTIC GAS METERS & REGS BY PG&E

PRINT TEST SUPERVISOR NAME	PHONE NUMBER	DATE	LAN ID				
COMPANY NAME (IF THIRD PARTY)							
MAKE, RANGE & SERIAL NO. OF PRESSURE GAUGE		DATE LAST CALIBRATED					
SIZE (IN.)	WT (IN.)	LENGTH (FT.)	DESCRIPTION (PIPE TYPE, MANUFACTURER, DATE & GRADE)	DURATION	START TIME	END TIME	TEST PRESSURE (PSIG)*



- CONTRACTOR CONSTRUCTION REFERENCES**
- REFER TO GAS STANDARDS A-04, A-90, A-91, A-93, A-93.1, A-93.3 AND B-90, B-90.1, B-90.2, B-90.3 & B-91, B91.1 FOR TYPICAL DIRECT BURIAL PLASTIC GAS MAIN AND SERVICE INSTALLATION AND SERVICE RISER INSTALLATION.
  - REFER TO GAS STANDARDS A-90.2 & 0-10 & 0-12 & 0-13.1 & TD-4181S & TD-4080S FOR TYPICAL ANODE AND LOCATING WIRE INSTALLATION ON DIRECT BURIAL PLASTIC AND STEEL GAS MAIN AND SERVICES, 0-10 SPECIFIC TO ETS REQUIREMENTS
  - REFER TO GAS STANDARD A-34 FOR TEST CRITERIA ON GAS MAIN AND SERVICES, AND TO GAS STANDARD A-04 FOR 10' CLEARANCE REQUIREMENT FOR GAS MAINS.
  - PG&E IS TO PERFORM ALL HOT TIE-INS AND PURGING OF GAS PIPING PER GAS STANDARD TD-A-388-001-002 AND PERFORM FUSION PER STD D-34 & WELDING PER STD A-52.
  - THE GAS SERVICE BRANCH FACILITIES WILL BE INSTALLED PER GAS STANDARD A-42. FOOTAGES ARE PER TYPICAL GAS STUB BRANCH INSTALLATION DETAIL UNLESS OTHERWISE NOTED.
  - CONTRACTOR IS RESPONSIBLE FOR CROSSING EXISTING WATER, SEWER AND STORM DRAIN LINES, EITHER UNDER OR OVER, AS REQUIRED TO MEET PG&E COVER AND CLEARANCE REQUIREMENTS. REFER TO STANDARD PRACTICE 463.A. & U.O. S545.3.
  - THE LOCATION OF ALL EXISTING OR NEWLY INSTALLED WATER, SEWER & STORM DRAIN OR OTHER LINES, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT RELY ON PG&E TO LOCATE FACILITIES. (PG&E WILL LOCATE THEIR FACILITIES WITH PROPER USA NOTIFICATION). CALL USA AT (800) 227-2600.
  - THE CONTRACTOR WILL BE REQUIRED TO PLACE TEMPORARY AND/OR PERMANENT PAVING IN ACCORDANCE WITH ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
  - IF ANY LOCAL CITY, COUNTY OR STATE REQUIREMENT CAUSES AN INCREASE IN THE STANDARD TRENCH WIDTH OR DEPTH, SEE NON-STANDARD TRENCH SECTION ON SHEET 2.
  - THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE TRENCH SPOIL WITH SELECT BACKFILL AS REQUIRED BY PG&E SPEC 90 AND/OR ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS. QUALIFICATION MATERIAL FOR USE AS BACKFILL SHALL BE THE RESPONSIBILITY OF THE PG&E INSPECTOR & U.O. STANDARD 545.3.



**NOTE**  
 THE CONTRACTOR TO VERIFY RIGHT OF WAY, PUBLIC UTILITY EASEMENT ACQUISITION PRIOR TO CONSTRUCTION AT NO COST TO PG&E.

**NOTE**  
 THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCING WORK.

**NOTE**  
 GAS RISER LOCATION TO BE FIELD VERIFIED WITH SITE SUPERINTENDENT & PG&E INSPECTOR.

WELDING INSPECTED PER PG&E WELDING MANUAL TD-4160M  
 VISUAL .....  
 RADIOGRAPHIC .....  
 MAGNETIC PARTICLE .....  
 INSPECTOR: .....  
 DATE: .....

Installation Tested or Inspected and Noted on Drawing.  
**All Corrosion Levels Satisfactory per PG&E Gas Utility Standard TD-4181S**  
 Qualified Employee Signature  
 Date: .....

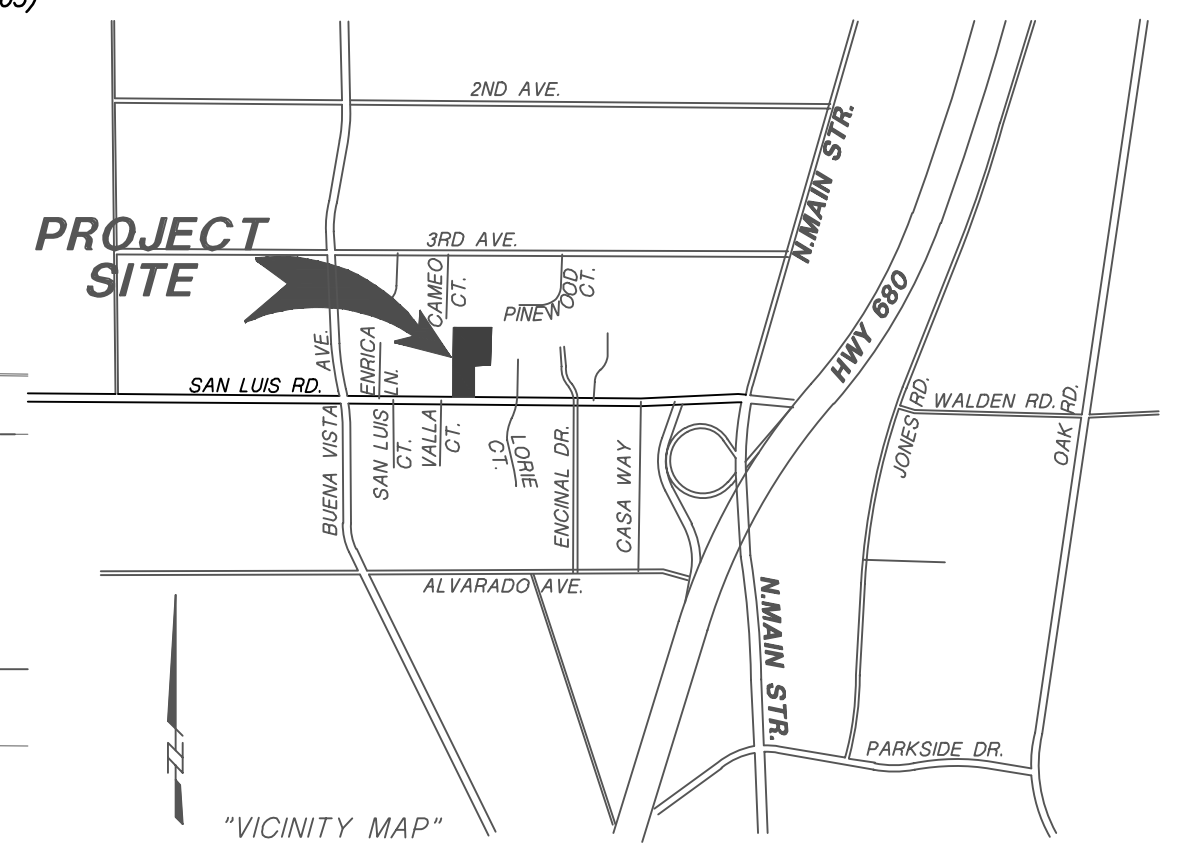
**UNDERGROUND SERVICE ALERT**  
 NOTIFY U.S.A. 48 HRS. PRIOR TO TRENCHING @ 1-800-227-2600  
 DATE CALLED: .....  
 TICKET #: .....  
 BY: .....

**GAS LOAD BREAKDOWN**  
 RANGE @ 80 CFH  
 DRYER @ 30 CFH  
 W.H. @ 200 CFH (TANKLESS)  
 FURNACE @ 100 CFH  
 TOTAL 410 CFH @ 25 PSIG  
 DELIVERY PRESSURE  
 6 METERS

**IMPORTANT GAS CONSTRUCTION NOTE:**  
 PER ASSEMBLY BILL (AB) 1937-SCHOOL & HOSPITAL NOTIFICATION, PG&E IS REQUIRED TO SUBMIT A NOTIFICATION REQUEST TO AB1937@PG&E.COM MAILBOX AT LEAST (10) BUSINESS DAYS PRIOR TO DEVELOPER EXCAVATION.

- MATERIAL LEGEND**
- 4x6" TIE-IN HOLE, DOWN TO 12" BELOW MAIN FOR P.G. & E. TIE-IN
  - INSTALL 2" MUELLER LINE STOPPER W/ BOTTOM TAP (02-2740) W/ 2" 90° ELBOW (02-2136)
  - INSTALL 2" STL TO PL TRANSITION FTG (02-9805)
  - INSTALL 2" ELECTROFUSION CPLG (02-1635)
  - INSTALL ELECTROLYSIS TEST STATION 'ETS' TYPE 'G' W/ FRAME & COVER
  - INSTALL SLB ZINC ANODE (56-9145)
  - INSTALL 2" PLASTIC CAP (02-0578)
  - INSTALL ELECTRONIC MARKER (37-4944)
  - ELECTROLYSIS TEST STATION 'ETS' TYPE 'A' W/ FRAME & COVER

- LEGEND**
- EXISTING MAIN (SIZE AS SHOWN)
  - PROPOSED 2" HP PLASTIC MAIN
  - PROPOSED PL HP GAS SERVICE STUB
  - PROPOSED PL HP GAS SERVICE
  - 5'x7" GAS TIE-IN HOLE 12" BELOW EXIST. FACILITIES
  - EXCESS FLOW VALVE
  - 2" PL CAP
  - GAS TEE
  - PROPOSED GAS METER LOCATION
  - PROPOSED SLB ZINC ANODE



**CATHODIC PROTECTION - FOREMAN NOTE:**  
 CONTACT CORROSION MECHANIC 24 HOURS PRIOR TO JOB COMPLETION AT THIS PHONE NUMBER: 925-674-6493  
 SIGNED: ..... DATE: .....

**ATTENTION FOREMAN:**  
 PRIOR TO STARTING JOB, CONSULT AREA CORROSION MECHANIC FOR LOCATING WIRE INSTALLATION AND CATHODIC PROTECTION REQUIREMENTS.  
 NAME: DALE ROBERTS  
 NUMBER: 925-674-6493

**DESIGN CHANGE COMPONENT:**  
 ANY CHANGES IN THE GAS DESIGN MUST BE APPROVED BY THE GAS ADE, NAME: ERIK KYVST  
 NUMBER: 925-674-4584

PG&E APPLICANT DESIGN APPROVAL  
 PG&E Plan Check does not release the Applicant from responsibility to construct the facilities according to PG&E Standards. In the event of a conflict during construction, PG&E Standards take precedence.  
 Gas ADE: Erik Kyvst, Desk Phone: 925-270-2392  
 Approval Signature: .....  
 Date: 4/1/20

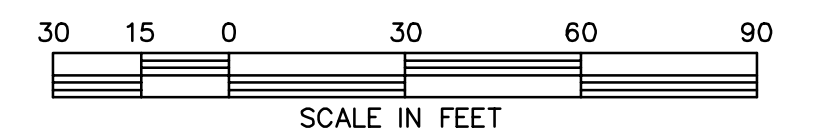
**GAS MATERIALS**  
 (1) INSTALL MAIN  
 (2) INSTALL SVC STUBS  
 (3) INSTALL SVC COMP

WALL MAP: 45  
 PLAT MAP: D15  
 CPA AREA: D45-14  
 MAOP: 60 PSI  
 NOP: 55 PSI  
 TBA: J-11  
 EMERGENCY ZONE: 01-148-C

P.G. & E. SKETCH BY DEVELOPER

PM #35112731

NOT. #116473530



**SUNSHINE DESIGN**  
 AN UCCO  
 UTILITY DESIGN ENGINEERS  
 AND CONSULTANTS  
 956 CAMPUCILIA, STE B  
 FORT WORTH, TX 76104  
 (707) 425-5659  
 FAX (707) 425-5654

**CALIFORNIA REGISTERED PROFESSIONAL ENGINEER**  
 ERIC KYVST  
 LICENSE NO. 51-31-20  
 CIVIL  
 STATE OF CALIFORNIA

**GAS PLAN**  
 1728 SAN LUIS ROAD  
 THE ADDRESS COMPANY  
 WALNUT CREEK, CALIFORNIA

DESIGNED: DL  
 CHECKED: SA  
 SCALE: 1"=30'  
 DATE: 11/5/19  
 JOB NO. 933-18-D  
 SHEET NO. G1  
 OF 1