LEGEND

6" PL HP (HDD)	INSTALL 2'965' OF 6" PLASTIC PIPE (SDR 11, CODE 010509) USING HORIZONTAL DIRECTIONAL DRILLING (HDD) WITH AWG #10 LOCATING WIRE (CODE 294414) PER GS&S A-90, A-90.2, A-93, A-93.1 & D-21.
	EXISTING MAIN
F/C	FACE OF CURB
R/W	RIGHT OF WAY
	INSTALL (4) BIG FINK ETS (CODE 569390),(CODE 016071), PER GS&S O-10.19. INSTALL BIG FINK ETS NEXT TO UTILITY POLE EVERY 1,000' FOR LOCATION PURPOSES.
	INSTALL (3) ETS PER GS&S O-10, TYPE "G"
	INSTALL (6) 5 LB ZINC ANODES (CODE 569145) PER GS&S O-13.1,FIGURE 3, TYPE E.
T.	TIES IN TO GAS SYSTEM
D.E.	DEAD END GAS MAIN
E.M.S.	ELECTRONIC MARKER BALL
-M-	INSTALL (1) 6" MULLER BOTTOM TAP FITTING ANSE 150 (CODE 022841) PER GS&S C-16.2
#3869-F1	PLAT & BLOCK #

PIPE WRAP REMOVAL

-For work on pre-1972 pipe, assume the wrap contains >1% asbestos until the wrap can be tested.
-Obtain samples of the wrap, and have samples tested for asbestos in accordance with RP 4711.
-Test results are to be included with as-builts.
-Follow procedure in RP 4711 for removal of pipe wrap.

PIPE TYPE: _____
YEAR INSTALLED: _____

SEQUENCE OF EVENTS

1. INSTALL 2,969' OF 6" PLASTIC MAIN AND LOCATING WIRE. (BORE&TRENCH)
2. TIE-IN NEW 6" MAIN TO 4" PL HP MAIN & 6" STEEL HP MAIN.
3. TIE-IN 2" MAINS AT PRIVATE ROAD & AT N. WILSON WAY.
4. TRANSFER & REPLACE SERVICE TO NEW 6" MAIN.
5. DEACTIVATE 2,413' OF 2" MAIN.

GAS CONSTRUCTION NOTES:

1. PG&E TO BORE & TRENCH ALL.
2. ALL WELDING, TIE-INS, CUTTING OFF AND CAPPING OF CAST IRON, STEEL AND PLASTIC MAINS TO BE DONE PER GS&S D-21, D-22, A-36 AND UO STANDARD S4129.
3. INSTALL PLASTIC MAIN & #10 LOCATING WIRE PER GS&S A-90,A-90.2,A-93,&D-21.
4. REFER TO GAS STANDARD A-34 FOR TEST CRITERIA ON GAS MAIN AND SERVICES.
5. PG&E TO PERFORM ALL HOT TIE-INS & PURGING OF GAS PIPING PER GAS STANDARD A-38.
6. MINIMUM 42" COVER OVER DIRECT BURIED PLASTIC MAINS AND SERVICES. 30" COVER
7. INSTALL ANODES PER GS&S O-13.1, TYPE "E".
8. INSTALL ETS PER GS&S O-10

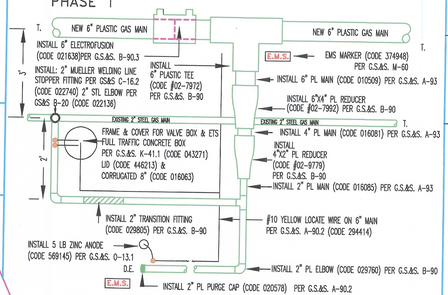
RECAP

INSTALL 2,965' OF 6" PL HP MAIN. INSTALL 330' OF 2" PL HP MAIN.
DEACTIVATE 2,413' OF 2" STEEL, 25' OF 4" STEEL, AND 115' OF 2" PL HP.
REPLACE (6) SERVICES, INSTALL (8) NEW SERVICES. ABANDON (1) SERVICE.

DETAIL 3 PHASE 1 TIE-IN

N.T.S.

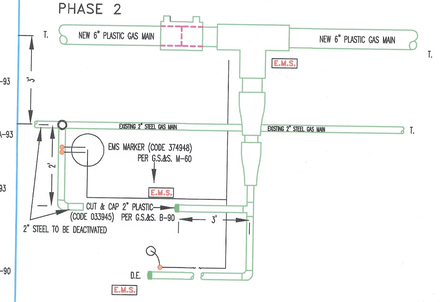
MAKE 2" PL TO 6" PL TIE WITH 6" TEE &
6" X 4" PL REDUCER & 4"X2" PL REDUCER
PHASE 1



DETAIL 3 PHASE 2 TIE-IN

N.T.S.

DEACTIVATE 2" STEEL MAIN
CUT & CAP 2" PLASTIC MAIN
PHASE 2



PROJECT CONDITIONS STAMP

Type(s) of Work:
☐ New Business
☒ PG&E Maintenance & Construction

Project Conditions:
☐ NONE APPARENT (if project design changes, contact ADE)
or
☒ CONDITIONS APPLY:
☒ PERMITS ☒ TAILBOARD ☐ OTHER
(Provide additional information on line below)
E-SCREEN TO BE PERFORMED BY PROJECT MANAGER

BY: ALLEN FONG (ACF4) 4/18/11
SIGNATURE, NAME, [CORPORATE ID], DATE

Installation Tested or Inspected and Noted on Drawing. All Levels Satisfactory per PG&E GS&S O-16

Qualified Employee _____ Date

Corrosion mechanic's signature is required when a CPA boundary is within the scope of the project.

CATHODIC PROTECTION IN WORK AREA
ATTENTION FOREMAN:
NOTIFY THE CORROSION DEPT.
AT 842-6550 , 24 HOURS
PRIOR TO START OF WORK.

Job Reviewed By M&C Department
DATE: _____
BY: _____ NAME

Underground Service Alert
DIAL BEFORE YOU DIG
Call: TOLL FREE 811
TWO WORKING DAYS BEFORE YOU DIG

6" Welding Inspected per PG&E Gas Standard D-40
Visual.....☐
Magnetic Particle.....☐
Inspector_____
Data _____

TEST AT 100-110 PSI FOR MINIMUM OF 5 MIN.			
PRESSURE	DURATION	INITIALS	DATE OF TEST

PLASTIC PIPE DATA		
SIZE	MANUFACTURED	DATE OF MANUFACTURE
6"		

2" Welding Inspected per PG&E Gas Standard D-40
Visual.....☐
Magnetic Particle.....☐
Inspector_____
Data _____

TEST AT 100-110 PSI FOR MINIMUM OF 5 MIN.			
PRESSURE	DURATION	INITIALS	DATE OF TEST

PLASTIC PIPE DATA		
SIZE	MANUFACTURED	DATE OF MANUFACTURE
2"		

JOB COMPLETED BY CREW FOREMAN
BY: _____ FOREMAN
_____ DATE

NOTIFIED U.S.A.
DATE:
TICKET #
BY:

METER LOCATIONS

1. ALL GAS METERS ARE TO BE IN COMPLIANCE WITH GS&S J-15.
2. PORTIONS OF ANY SERVICE PIPE UNDER A BUILDING PORCH OR OTHER STRUCTURE SHALL BE RELOCATED TO OUTSIDE OF THE STRUCTURE.
3. SERVICE REGULATOR VENTS MUST TERMINATE IN A SAFE LOCATION OUTLINED BELOW.
   -A MINIMUM CLEARANCE OF 18" BEYOND EITHER SIDE OF, AND 10' BELOW ANY PART OF, ANY AIR VENT OR OPENABLE WINDOW.
   -A MINIMUM LATERAL DISTANCE OF 3' FROM A FORCED AIR INTAKE OR ANY SOURCE OF IGNITION.
   -IN CASES WHERE THE VENT IS TO BE PLUMBED TO AN ACCEPTABLE LOCATION, INSTALL A 1" THREADED STEEL PIPE UP TO 30' PER GS&S H-93 & BULLETIN TD-H-60.4B-001.
   -IN CASES WHERE THE VENT CAN NOT BE PLUMBED TO AN ACCEPTABLE LOCATION, THE METER SET SHALL BE RELOCATED.
4. SMARTMETER OPERATING REQUIREMENTS. GAS METERS ARE NOT TO BE LOCATED IN THESE SITUATIONS.
   -IN ANY ROOM, CABINET, ENCLOSURE, OR CONFIGURATION THAT INTERFERES WITH THE RADIO FREQUENCY SIGNAL. EX. METAL CABINET.
   -WITH IN 6" OR LESS OF ANY METALLIC PIPE, CABLE, OR OBJECT THAT INTERFERES WITH THE RADIO FREQUENCY.
5. METER PROTECTION SHALL BE PROVIDED PER GS&S J-15.
6. TO PROVIDE WORKING SPACE AROUND ELECTRIC METER, NO PART OF ANY GAS METER CAN BE LOCATED WITHIN 10" OF A VERTICAL LINE THROUGH THE CENTER OF AN ELECTRIC METER.
7. REFER QUESTIONABLE CASES OF METER LOCATIONS TO THE SERVICE DEPARTMENT.

INSTALL DIRECT BURIAL PLASTIC MAINS & SERVICES PER NUMBERED DOCUMENTS A90-A90.2, A93-A93.1 & WP4170-03 WP4170-04, WP4170-05, WP4170-06, WP4170-07 & WP4170-08. INSTALL PLASTIC MAIN & SERVICE INSERT PER NUMBERED DOCUMENTS A90.1-A90.3, A91.2-A93.1 & WP4170-03 WP4170-04, WP4170-05, WP4170-06, WP4170-07 & WP4170-08.

ALL FIELD CHANGES REQUIRE PRIOR APPROVAL FROM:
1. PM: ALLEN FONG (ACF4) - (209) 942-1594
2. EST: THOR AKSLAND (TMAb) - (661) 398-3960
3. ADE: SCOTT GUERRERO (SCG6) - (661) 398-5828
4. SUPV: ERIC BERNAL (EMBD) - (661) 398-3923
5. PLNR: DAVE RYMERS (DCR5) - (209) 942-1626

PG&E CIRCLE OF SAFETY

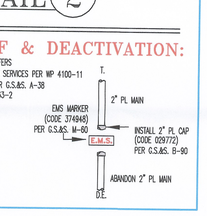
SAFETY PLEDGE

I ALWAYS PUT SAFETY FIRST.
I LOOK FOR AND ACT TO
RESOLVE UNSAFE SITUATIONS.
I HELP AND ENCOURAGE
OTHERS TO ACT SAFELY.

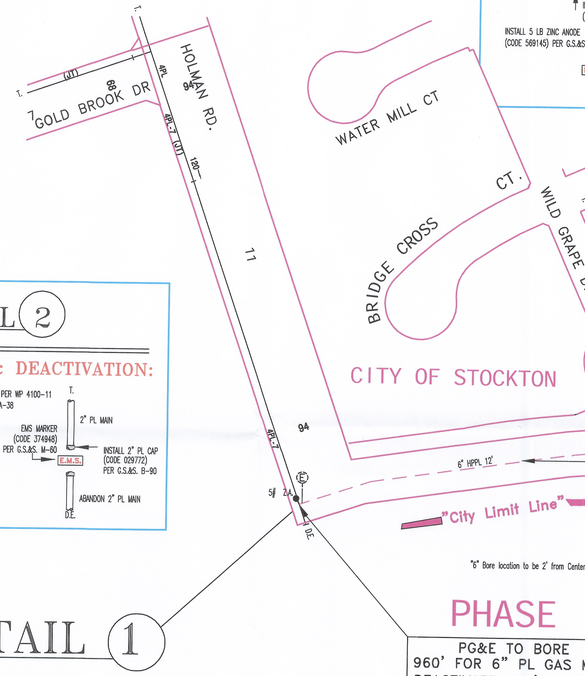
DETAIL 2

CUT-OFF & DEACTIVATION:

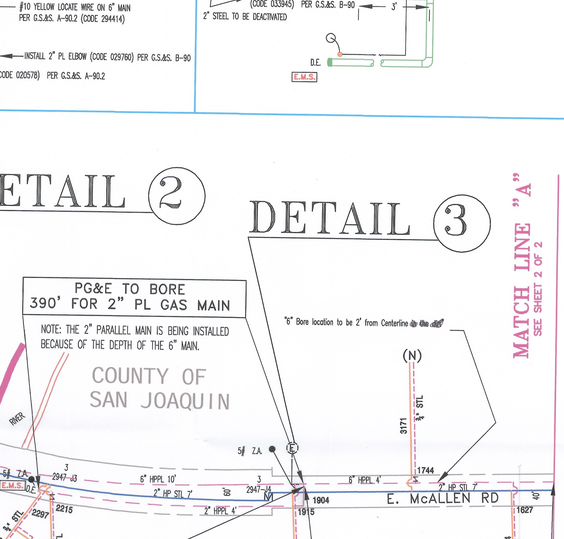
CUT & CAP AFTER TRANSFERS
DEACTIVATE ALL MAIN AND SERVICES PER WP 4100-11
PURGE GAS FACILITIES PER G.S.&S. A-38
& STANDARD PRACTICE 463-2



DETAIL 1



DETAIL 2



DETAIL 3

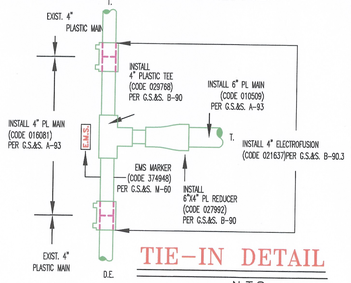
PHASE II

PG&E TO BORE
960' FOR 6" PL GAS MAIN
DEACTIVATE 408' OF 2" STL
& 25' OF 4" STEEL
DEACTIVATE 115' OF 2" PL HP

NOTE:
G.C. CREW TO PROVIDE DIMENSION OF DEPTH EVERY 50' UNTIL PIPE RETURNS TO 36" BELOW GRADE.

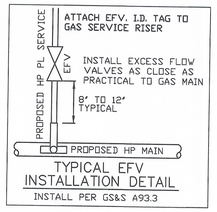
DETAIL 1

MAKE 6" PLASTIC TO 4" PLASTIC TIE USE
(2) 4" ELECTROFUSIONCOUPLINGS &
4" PLASTIC TEE & 6"X4" PL REDUCER



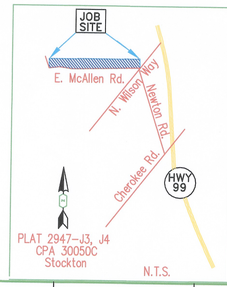
TIE-IN DETAIL
N.T.S.

NOTE:
1. PG&E TO BORE PER HORIZONTAL DIRECTIONAL DRILLING MANUAL
2. ALL BORE PITS TO BE 300 ' BEYOND THE TOE OF THE LEVEE AND MAINTAN A 50' DEPTH (BORE) AT THE TOE OF LEVEE PER THE STATE OF CALIFORNIA.



TYPICAL EFV INSTALLATION DETAIL
INSTALL PER GS&S A93.3

STOCKTON
PLAT 2947-J3, J4
CPA 30050C



VICINITY SKETCH

STOCKTON

PG&E

PLAT 2947-J3, J4
CPA 30050C

GAS JOB

REPLACE 2" STEEL MAIN WITH 6" PLACTIC
ON McALLEN RD
BETWEEN HOLMAN RD & WILSON WAY
STOCKTON, CA.

LEGEND

- EXISTING HP GAS MAIN
- PROPOSED HIGH PRESSURE GAS MAIN
- PROPOSED GAS SERVICE PIPE
- (R) REPLACE SERVICE
- (T) CUT, TEST & TRANSFER SERVICE
- (A) ABANDON SERVICE
- (N) NEW TRENCH SERVICE
- ★ PLUMBER TO ALTER HOUSELINES.

MATCH LINE "A"
SEE SHEET 2 OF 2

ENGINEERING AND PLANNING DEPT.
4101 WIBLE ROAD
BAKERSFIELD, CA. 93313
PHONE #: 661-398-3960 FAX #: 661-398-5813
PG&E PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 10476845
Other:
SHT: 1 of 4 SHEETS
PM: 30790929 REV.

EST: THOR AKSLAND (TMAb)
ADE: SCOTT GUERRERO (SCG6)
SUPV: ERIC BERNAL (EMBD)
REP: ALLEN FONG (ACF4)
PLNR: DAVE RYMERS (DCR5)
SCALE: 1"=100' DATE: 08/30/10

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD	BY
		REVISIONS						

PS-1202223