



COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1503592**
Date Issued: 12/15/2015
Start Date: 12/15/2015
Exp. Date: 01/01/2016
Project No: PWP730052
Quad: SE

UE/CR/PM NO:42469119

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - SAN RAMON
6121 BOLLINGER CANYON ROAD
SAN RAMON, CA 94583

Encroachment Type:

Trench			
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Location:

MCKINLEY AVE@KRELL LN

In compliance with your request of **12/15/2015**, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD		
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FORMS:

SS/WW, R-29		
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Est. Permit Fee: \$440.40

KRIS BALAJI, Director
Department of Public Works

WHITE -Permittee
GOLDENROD -PWD Central File
YELLOW -Field Inspection
PINK -Permit Section

By: 
Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:

STREETS AND HIGHWAYS CODE

1. Division 1, Chapter 3
2. Division 2, Chapter 2, Section 942
3. Division 2, Chapter 4, Section 1126
4. Division 2, Chapter 5.5 and Chapter 6

SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 11/10/15To: San Joaquin County
Department of Public WorksPG & E - C/o Claudia Luna
(Applicant Name)6121 Bollinger Canyon Rd.
(Mailing Address)San Ramon, CA 94583
(City, State, Zip Code)925-244-3711
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	_____	REF #	_____
APN	_____	CR #	_____
EXP. DATE	_____		
VALID	_____ TO _____	DRIVEWAYS:	
STREET	_____	*	_____
AREA	_____ QUAD _____	*	_____
TYPE	_____	*	_____
FORMS	_____		
NOTES	_____		

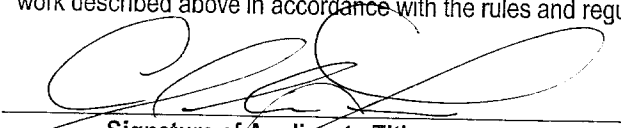
Sketch (Detailed plans may be submitted)

* Please see attached engineering plans & TCRs.

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the _____ side of _____ approximately _____ feet/mile of S. McKinley Ave., by performing the following work (description of work):
Verify wall thickness of pipe, please see permit exhibit for specifics.

Work will commence on or about 12/7/15 for approximately 30 days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.


 Signature of Applicant - Title

11/10/15
 Date

SCHEDULE OF SHEETS:

SHEET 01 - TITLE / CONSTRUCTION NOTES
SHEET 02 - EXCAVATION LOCATION / TRENCH DETAIL

CONTACT INFORMATION:

PIPELINE ENGINEER: WAYNE GILBERT (925) 551-1849
CONTRACT ENGINEER: JUAN ROCHA (760) 702-2840
PROJECT MANAGER: CINDY MAMA (925) 325-0596
I & R SUPERVISOR: RICK MUOK (209) 406-7926

REFERENCE DRAWINGS:

GM 30603910 - L-108 IU & UPRATE UPGRADES CAP & TEST
GRANITE CONST. REG. SET E/O MCKINLEY
AVE 2255' N/O OF ROTH RD STOCKTON, CA
[30603910_DWG_201112210743].

GM 178520 - MAIN AND SERVICE INSTALLATION S M M
GAW CO. HWY 50 N/O ROTH RD - FRENCH
CAMP AREA STOCKTON DIVISION
(MAOP 25002200).

SEQUENCE OF OPERATIONS:

1. CONTRACTOR TO EXCAVATE DIGS AS SHOWN IN LOCATION IMAGE(S).
2. COMPLETE AN A-FORM INSPECTION ON THE EXPOSED PIPELINE SEGMENT(S).
3. AT LOCATION 1 LOCATE EXISTING 11 1/2" TIE-IN PUP & PERFORM UT THICKNESS MEASUREMENTS ON BOTH THE PUP & UPSTREAM PIPING OF GIRTH WELD.
4. DETERMINE VALVE EXISTENCE UNDER 8" VALVE FRAME & COVER IN FIELD.
5. AT LOCATION 2 LOCATE EXISTING 16 3/4" TIE-IN PUP & PERFORM UT THICKNESS MEASUREMENTS ON BOTH THE PUP & DOWNSTREAM PIPING OF GIRTH WELD.
6. NOTIFIED PIPELINE ENGINEER OF MEASURED THICKNESS READINGS.
7. OBTAIN APPROVAL FROM THE PIPELINE ENGINEER PRIOR TO RECOATING THE PIPELINE.
8. RECOAT THE PIPELINE IN ACCORDANCE WITH GAS STANDARD E-35.
9. BACKFILL THE EXCAVATION & RESTORE THE PROJECT SITE.

GENERAL NOTES:

1. THIS DRAWING IS ISSUED FOR PERMIT. REFER TO CONTRACT DOCUMENTATION FOR ADDITIONAL CLARITY OF SCOPE OF WORK.
2. THIS DRAWING HAS BEEN CREATED BY REVIEW OF THE AS-BUILT DRAWINGS & RECORDS. ACCURACY IS DEPENDENT UPON THE SOURCE DOCUMENTS LISTED ON THE REFERENCE DRAWINGS.
3. DISTANCES TO ALL UTILITIES SHOWN ON DRAWING ARE APPROXIMATE BASED UPON REVIEW OF PG&E & OTHER UTILITY/AGENCY DRAWINGS & AS-BUILTS.
4. CONTRACTOR TO CALL USA TO HAVE LOCATION OF THESE FACILITIES MARKED AND POT-HOLE TO EXPOSE/VERIFY LOCATION.

BASE TRANSMISSION INVESTIGATION DIG TD15-09 DFM 1619-01, MP 1.51

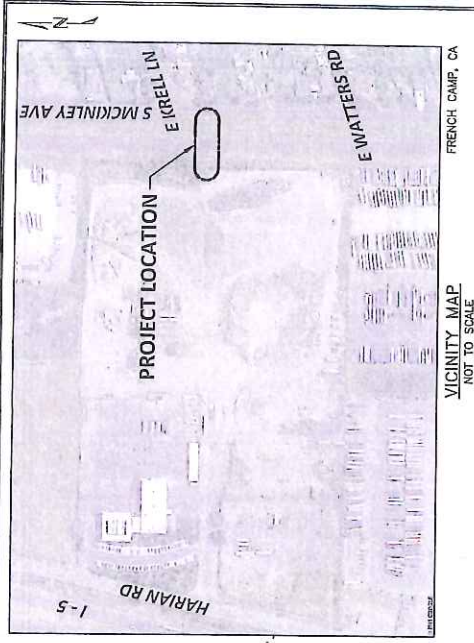
ORDER #42469119
PSRS #39630

CONSTRUCTION NOTES:

1. CALL USA AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION (811).
2. PAINTING & COATING REQUIREMENTS:
ALL EXPOSED PIPE & FITTINGS ARE TO BE PAINTED IN ACCORDANCE WITH GAS STANDARD E-30. ALL COATING ON BURIED PIPE & FITTINGS ARE TO BE APPLIED IN ACCORDANCE WITH GAS STANDARD E-35. FOR COATING SELECTIONS ON BURIED PIPE SEE DIRECT BURIAL SELECTIONS TABLE.
3. LOCATION OF EXISTING SUBSTRUCTURES ARE APPROXIMATE. BEFORE POWER OR HEAVY EQUIPMENT IS USED FOR EXCAVATION, THE EXACT DEPTH & LOCATION OF SUBSTRUCTURES SHALL FIRST BE DETERMINED BY HAND EXCAVATION, IF NECESSARY.
4. COATING REMOVAL:
BEFORE REMOVING THE PIPE COATING ON PRE-1972 PIPE (DOES NOT INCLUDE PLASTIC TAPE OR FUSION BONDED EPOXY COATINGS) THE FOLLOWING STEPS SHALL BE TAKEN:
- FOR ALL NON-EMERGENCY WORK, PRE-1972 PIPE WRAP MUST BE EVALUATED TO DETERMINE IF IT CONTAINS ASBESTOS PRIOR TO REMOVAL.
- FOR EMERGENCY WORK ON PRE-1972 PIPE, ASSUME THE WRAP CONTAINS > 1% ASBESTOS UNTIL THE WRAP CAN BE TESTED.
- OBTAIN SAMPLES OF THE WRAP, & HAVE SAMPLES TESTED FOR ASBESTOS IN ACCORDANCE WITH WP 4711-01.
- TEST RESULTS ARE TO BE INCLUDED WITH AS-BUILTS.
5. FOLLOW PROCEDURE IN WP 4711-01 FOR REMOVAL OF PIPE WRAP.
6. ALL EXCAVATIONS WITHIN EXISTING STATIONS SHALL BE HAND DUG OR EXCAVATED USING SOFT DIG METHODS (E.G. VACUUM EXCAVATIONS OR SIMILAR).
7. COPIES OF REFERENCE DRAWINGS ARE AVAILABLE TO FIELD PERSONNEL (PG&E, INSPECTION OR CONTRACTOR) ON AN AS NEEDED BASIS. CONTACT THE ASSIGNED ENGINEER IDENTIFIED IN CONTRACTS TO OBTAIN COPIES OF ANY REFERENCE DRAWINGS.

NOTE:

WARNING: CONFIDENTIAL, PROPRIETARY INFORMATION THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF PACIFIC GAS AND ELECTRIC COMPANY AND IS INTENDED FOR USE ONLY BY AUTHORIZED PACIFIC GAS AND ELECTRIC COMPANY EMPLOYEES & AGENTS. COPYRIGHT PACIFIC GAS AND ELECTRIC COMPANY.



DIRECT BURIAL COATING SELECTIONS LISTED IN ORDER OF PREFERENCE

MAIN LINE COATING	FBE
MINOR REPAIRS	PROTAL 7200, POWERCURE 1, FBE MELT STICK, 3M SCOTCHKOTE 323
TIE-IN WELDS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCURE 1
GIRTH WELDS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCURE 1
BUTT WELDED FITTINGS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCURE 1
VALVE ASSEMBLIES	3M SCOTCHKOTE 323, PROTAL 7200, DEVGRIP 238
SHORT SEGMENTS OF PIPE	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCURE 1
AIR-TO-SOIL TRANSITIONS	DEVGRIP 238, POWERCURE 1
FITTINGS	3M SCOTCHKOTE 323
TIE-INS/COATING TRANSITIONS	PROTAL 7200, WAX TAPE

BORED COATING SELECTIONS LISTED IN ORDER OF PREFERENCE

MAIN LINE COATING	AIRC APPLIED OVER FBE
MINOR REPAIRS	PROTAL 7200, POWERCURE 1
GIRTH WELDS	PROTAL 7200, POWERCURE 1, 3M SCOTCHKOTE 323

- NOTES:
1) CONTACT THE RESPONSIBLE PIPELINE ENGINEER TO REQUEST A VARIANCE FROM THE ABOVE COATING SELECTIONS
2) ALL COATINGS ARE TO BE APPLIED IN ACCORDANCE WITH GS&S E-30 AND E-35



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



GTS
375 Levee Rd, 2002
Vallejo, CA 94592-1850
www.gtsusa.com
Project No. 14169

**ISSUED
FOR
PERMIT**

TD15-09

DFM 1619-01, MP 1.51

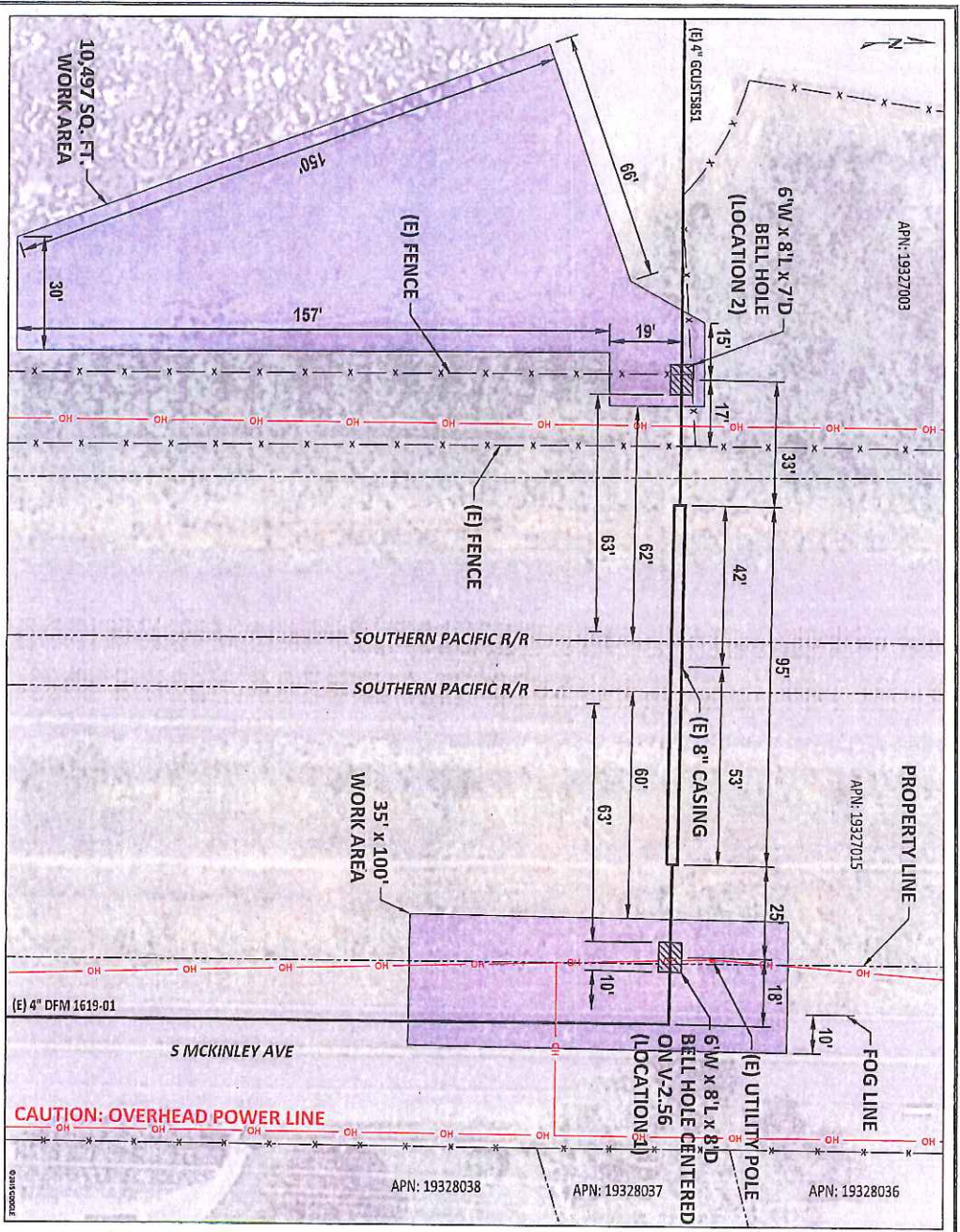
BASE TRANSMISSION INVESTIGATION DIG

FRENCH CAMP, CALIFORNIA

DRAWING NUMBER
GTS-14169

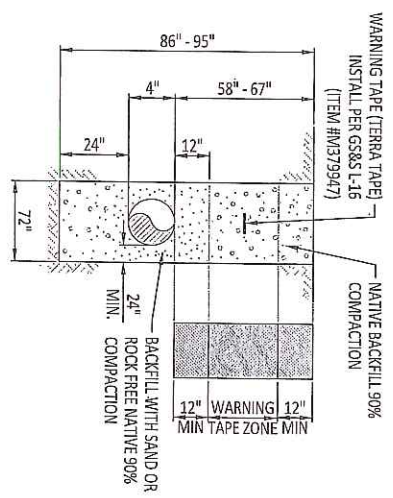
SHEET
01 OF 02

1 INCH



TD15-09 (LOCATION 1)
 DFM 1619-01 DIG N.P. 1.4686
 LAT. / LONG.: 37.861975 / -121.274404
 PIPE: 4.500" OD x 0.141" WT, API 5LX, X-42, ERW
 SOIL, T.O.P.: 67"
 EXCAVATION DEPTH: 95"
 MAP: 720 PSIG, YEAR INSTALL: 1972
 WALL MAP: 3061, PLAT: E2

TD15-09 (LOCATION 2)
 DFM 1619-01 DIG N.P. 1.51
 LAT. / LONG.: 37.861978 / -121.274851
 PIPE: 4.500" OD x 0.141" WT, API 5LX, X-42, ERW
 SOIL, T.O.P.: 58"
 EXCAVATION DEPTH: 86"
 MAP: 720 PSIG, YEAR INSTALL: 1972
 WALL MAP: 3061, PLAT: E2



- LEGEND:**
- PROPERTY LINE
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - OVERHEAD ELECTRIC LINE
 - BELL HOLE
 - WORK AREA
 - UTILITY POLE

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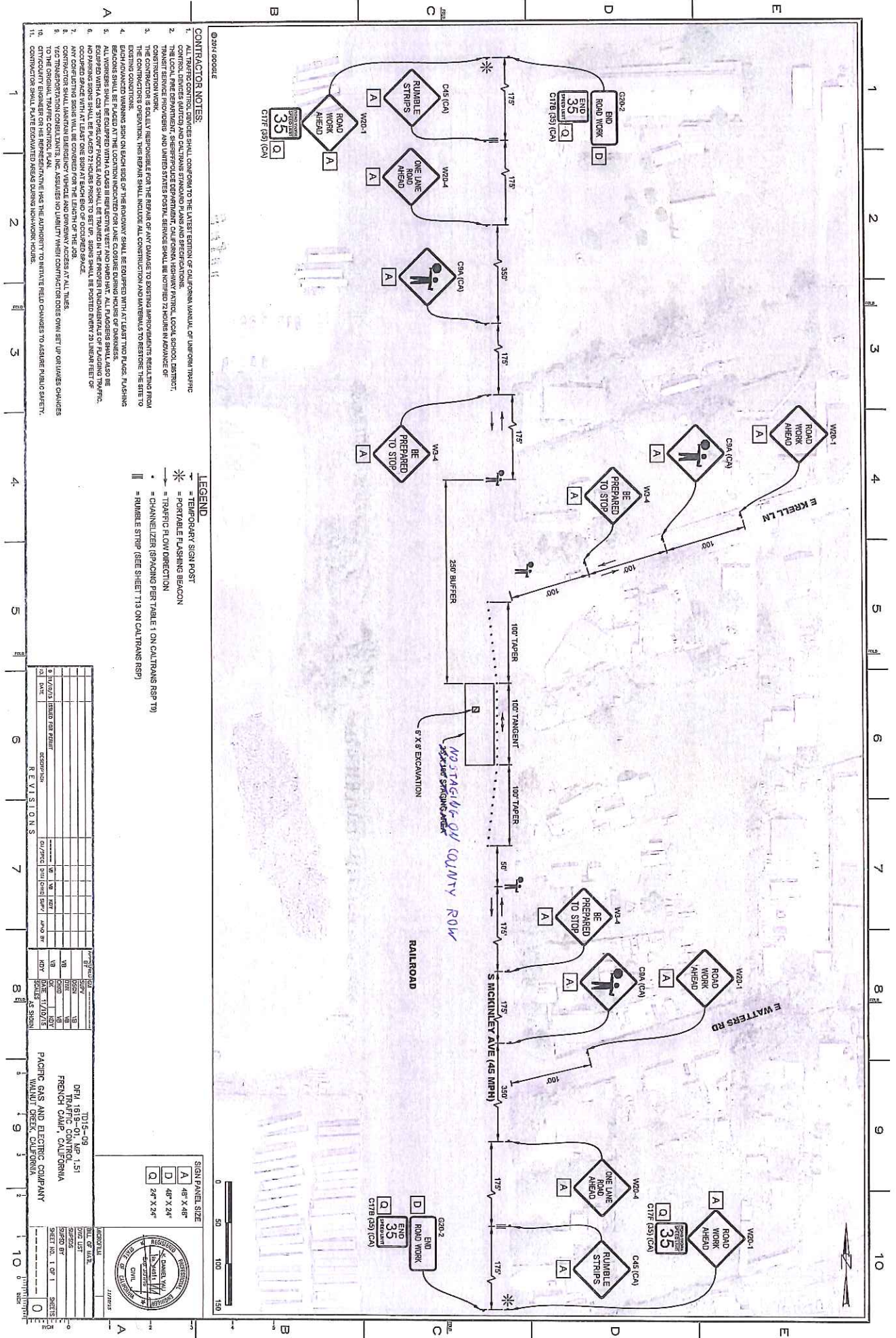
THIS DRAWING IS FOR VISUAL REFERENCE ONLY. SCALE IS APPROXIMATE. LOCATION OF EXISTING AND PROPOSED STRUCTURES IS APPROXIMATE. ANY AND ALL DIMENSIONS ARE APPROXIMATE. ORIGNAL DRAWING SIZE 11x17. IMAGE SOURCE: GOOGLE	DWM	MG
	CHKD	JPR
	OK	CCS
DATE	11/09/2015	
SCALE		

TD15-09
 DFM 1619-01, MP 1.51
 BASE TRANSMISSION INVESTIGATION DIG
 FRENCH CAMP, CALIFORNIA
 DRAWING NUMBER: CTS-14189
 SHEET: 02 OF 02
 B

SAFETY
 SAFETY PLEDGE
 I ALWAY'S PUT SAFETY FIRST.
 I LOOK FOR AND ACT TO
 RESOLVE UNSAFE SITUATIONS.
 I HELP AND ENCOURAGE
 OTHERS TO ACT SAFELY.

575 Louisiana St., 200
 Walnut Grove, CA 95691
 Project No. 14189

ISSUED FOR PERMIT



- CONTRACTOR NOTES:**
1. ALL TRAFFIC CONTROL SIGNS SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 2. THE LOCAL FIRE DEPARTMENT, CALIFORNIA HIGHWAY PATROL, LOCAL SCHOOL DISTRICT, AND THE LOCAL POLICE DEPARTMENT SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF THE WORK.
 3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS RESULTING FROM THE CONSTRUCTION OPERATIONS. THIS REPAIR SHALL INCLUDE ALL CONSTRUCTION AND MATERIALS TO RESTORE THE SITE TO EXISTING CONDITIONS.
 4. ALL WORKERS SHALL BE EQUIPPED WITH A CLASS III REFLECTIVE VEST AND HARD HAT. ALL PLACERS SHALL ALSO BE EQUIPPED WITH A CLASS III REFLECTIVE VEST AND HARD HAT. ALL PLACERS SHALL ALSO BE EQUIPPED WITH A CLASS III REFLECTIVE VEST AND HARD HAT.
 5. ALL WORKERS SHALL BE EQUIPPED WITH A CLASS III REFLECTIVE VEST AND HARD HAT. ALL PLACERS SHALL ALSO BE EQUIPPED WITH A CLASS III REFLECTIVE VEST AND HARD HAT.
 6. ANY CONFLICTING SIGNS WILL BE COVERED FOR THE LENGTH OF THE JOB.
 7. CONTRACTOR SHALL MAINTAIN ADEQUATE TRAFFIC CONTROL AT ALL TIMES.
 8. CONTRACTOR SHALL MAINTAIN ADEQUATE TRAFFIC CONTROL AT ALL TIMES.
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 10. CONTRACTOR SHALL MAINTAIN ADEQUATE TRAFFIC CONTROL AT ALL TIMES.
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- LEGEND:**
- TEMPORARY SIGN POST
 - PORTABLE FLASHING BEACON
 - TRAFFIC FLOW DIRECTION
 - CHANNELIZER (SPACING PER TABLE 1 ON CALTRANS RSP-17)
 - RUMBLE STRIP (SEE SHEET 113 ON CALTRANS RSP)

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHKD
1	11/15/13	ISSUED FOR PERMIT	WJ	WJ
2	11/15/13	ISSUED FOR PERMIT	WJ	WJ
3	11/15/13	ISSUED FOR PERMIT	WJ	WJ
4	11/15/13	ISSUED FOR PERMIT	WJ	WJ
5	11/15/13	ISSUED FOR PERMIT	WJ	WJ
6	11/15/13	ISSUED FOR PERMIT	WJ	WJ
7	11/15/13	ISSUED FOR PERMIT	WJ	WJ
8	11/15/13	ISSUED FOR PERMIT	WJ	WJ
9	11/15/13	ISSUED FOR PERMIT	WJ	WJ
10	11/15/13	ISSUED FOR PERMIT	WJ	WJ
11	11/15/13	ISSUED FOR PERMIT	WJ	WJ
12	11/15/13	ISSUED FOR PERMIT	WJ	WJ
13	11/15/13	ISSUED FOR PERMIT	WJ	WJ
14	11/15/13	ISSUED FOR PERMIT	WJ	WJ
15	11/15/13	ISSUED FOR PERMIT	WJ	WJ

PACIFIC GAS AND ELECTRIC COMPANY

DEPT. 1815-08, APR 151
FRENCH CAMP, CALIFORNIA

WALNUT CREEK, CALIFORNIA

DATE: 11/15/13
TIME: 1:15 PM
BY: WJ
CHKD: WJ
SHEET NO. 1 OF 1
SHEET: 1

SCALE: 1" = 100'

PROJECT: 11/15/13

SCHEDULE OF SHEETS:

SHEET 01 - TITLE / CONSTRUCTION NOTES
SHEET 02 - EXCAVATION LOCATION / TRENCH DETAIL

CONTACT INFORMATION:

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CONTRACT ENGINEER - JUAN ROCHA (760) 702-2840
PROJECT MANAGER - CINDY MAMA (925) 325-0596
I & R SUPERVISOR - RICK MUOK (209) 406-7926

REFERENCE DRAWINGS:

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GRANITE CONST. REG. SET E/O MCKINLEY
AVE 2255' N/O OF ROTH RD STOCKTON, CA
[30603910_DWG_201112210743].

GM 178520 - MAIN AND SERVICE INSTALLATION 5 M M
GAW CO. HWY 50 N/O ROTH RD - FRENCH
CAMP AREA STOCKTON DIVISION
(MAOP 23002200).

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GENERAL NOTES:

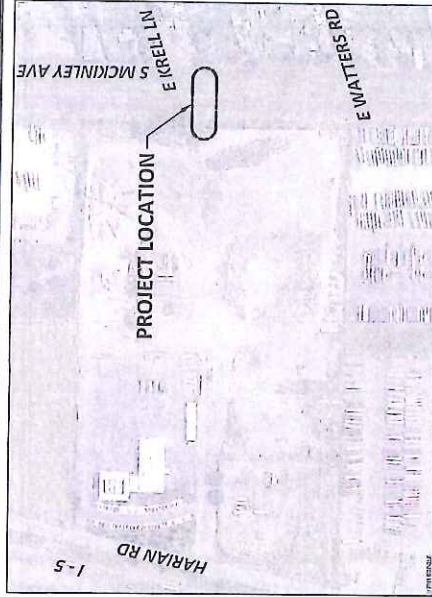
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BASE TRANSMISSION INVESTIGATION DIG TD15-09 DFM 1619-01, MP 1.51

ORDER #42469119
PSRS #39630

CONSTRUCTION NOTES:

- CALL USA AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION (8.11).
- PAINTING & COATING REQUIREMENTS:
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- FOLLOW PROCEDURE IN WP 4711-01 FOR REMOVAL OF PIPE WRAP.
ALL EXCAVATIONS WITHIN EXISTING STATIONS SHALL BE HAND DUG OR EXCAVATED USING SOFT DIG METHODS (E.G. VACUUM EXCAVATIONS OR SIMILAR).
COPIES OF REFERENCE DRAWINGS ARE AVAILABLE TO FIELD PERSONNEL (PG&E, INSPECTION OR CONTRACTOR) ON AN AS NEEDED BASIS. CONTACT THE ASSIGNED ENGINEER IDENTIFIED IN CONTACTS TO OBTAIN COPIES OF ANY REFERENCE DRAWINGS.
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VICINITY MAP
NOT TO SCALE

DIRECT BURIAL COATING SELECTIONS

LISTED IN ORDER OF PREFERENCE

MAIN LINE COATING	PIPE
MINOR REPAIRS	PROTAL 7200, POWERCRETE J, FIBRE MESH STICK, 3M SCOTCHKOTE 323
TIE-IN WELDS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
GIRTH WELDS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
BUTT WELDED FITTINGS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
VALVE ASSEMBLIES	3M SCOTCHKOTE 323, PROTAL 7200, DEVGRIP 238
SHORT SEGMENTS OF PIPE	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
AIR-TO-SOIL TRANSITIONS	DEVGRIP 238, POWERCRETE J
PRESSURE CONTROL	3M SCOTCHKOTE 323
FITTINGS	PROTAL 7200, WAX TAPE
TIE-INS/COATING TRANSITIONS	PROTAL 7200, WAX TAPE

BORDED COATING SELECTIONS

LISTED IN ORDER OF PREFERENCE

MAIN LINE COATING	PIPE
MINOR REPAIRS	PROTAL 7200, POWERCRETE J
GIRTH WELDS	PROTAL 7200, POWERCRETE J, 3M SCOTCHKOTE 323

NOTES:

- CONTACT THE RESPONSIBLE PIPELINE ENGINEER TO REQUEST A VARIANCE FROM THE ABOVE COATING SELECTIONS
- ALL COATINGS ARE TO BE APPLIED IN ACCORDANCE WITH GSS& E-30 AND E-35



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



911 Leavenworth Ave, Suite 200
Walnut Creek, CA 94597-4550
www.gtsusa.com
Project No. 12109

ISSUED FOR PERMIT

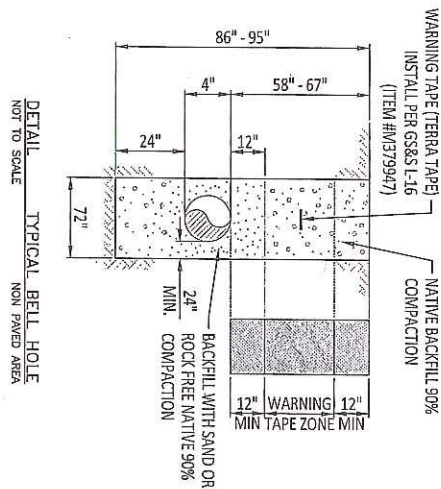
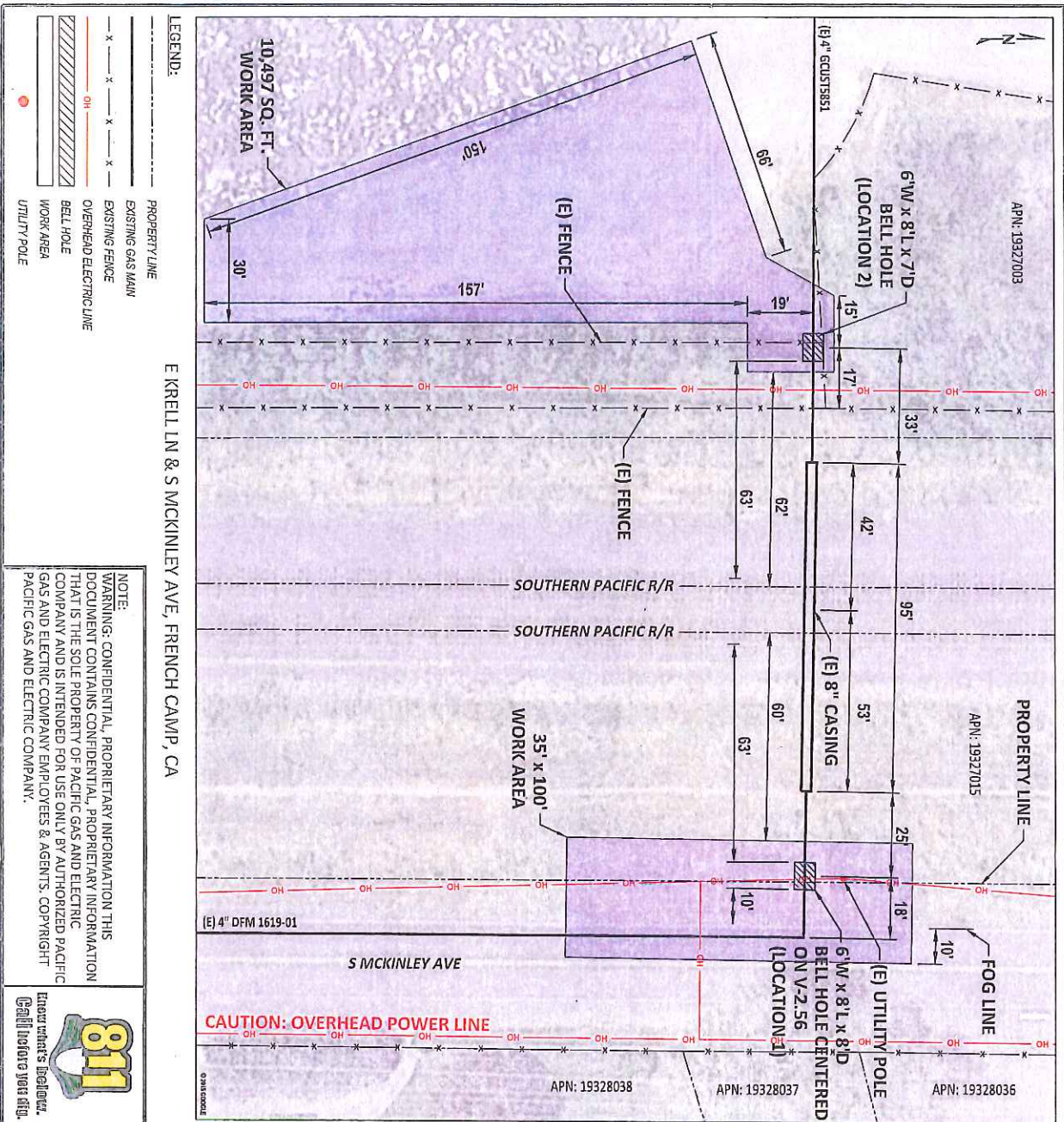
TD15-09
DFM 1619-01, MP 1.51
BASE TRANSMISSION INVESTIGATION DIG

FRENCH CAMP, CALIFORNIA

SHEET 01 OF 02

DRAWING NUMBER

QTS-14109



THIS DRAWING IS FOR VISUAL REFERENCE ONLY. SCALE IS APPROXIMATE. LOCATION OF STRUCTURES AND PROPOSED APPROXIMATE AREAS AND APPROXIMATE DEPTHS. DRAWING SIZE: 11"x17". IMAGE SOURCE: GOOGLE EARTH

DATE	SCALE	BY	CHKD	APP	DATE	SCALE	BY	CHKD	APP
11/09/2015	1" = 30'								

TD15-09
DFM 1619-01, MP 1.51
BASE TRANSMISSION INVESTIGATION DIG
FRENCH CAMP, CALIFORNIA
DRAWING NUMBER: GFS-14189
SHEET: 02 OF 02
B

ISSUED FOR PERMIT

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

GT&S
375 Camino del Rio South
San Diego, CA 92108
Project No. 16189

SCHEDULE OF SHEETS:

SHEET 01 - TITLE / CONSTRUCTION NOTES
SHEET 02 - EXCAVATION LOCATION / TRENCH DETAIL

CONTACT INFORMATION:

PIPELINE ENGINEER: WAYNE GILBERT (925) 551-1849
CONTRACT ENGINEER: JUAN ROCHA (760) 702-2840
PROJECT MANAGER: CINDY MAWMA (925) 325-0596
I & SUPERVISOR: RICK MUOK (209) 406-7926

REFERENCE DRAWINGS:

GM 30603910 - L-108 LI & UPRATE UPGRADES CAP & TEST
GRANITE CONST. REG. SET E/O MCKINLEY
AVE 2255' N/O OF ROTH RD STOCKTON, CA
[30603910_DWG_201112210743].

GM 178520 - MAIN AND SERVICE INSTALLATION S M M
GAW CO. HWY 50 N/O ROTH RD - FRENCH
CAMP AREA STOCKTON DIVISION
(MAOP 23002200).

SEQUENCE OF OPERATIONS:

- CONTRACTOR TO EXCAVATE DIGS AS SHOWN IN LOCATION IMAGE(S).
- COMPLETE AN A-FORM INSPECTION ON THE EXPOSED PIPELINE SEGMENT(S).
- AT LOCATION 1 LOCATE EXISTING 11 1/2" TIE-IN PIP & PERFORM UT THICKNESS MEASUREMENTS ON BOTH THE PIP & UPSTREAM PIPING OF GIRTH WELD. DETERMINE VALVE EXISTENCE UNDER 8" VALVE FRAME & COVER IN FIELD.
- AT LOCATION 2 LOCATE EXISTING 16 1/2" TIE-IN PIP & PERFORM UT THICKNESS MEASUREMENTS ON BOTH THE PIP & DOWNSTREAM PIPING OF GIRTH WELD. NOTIFIED PIPELINE ENGINEER OF MEASURED THICKNESS READINGS.
- OBTAIN APPROVAL FROM THE PIPELINE ENGINEER PRIOR TO RECOATING THE PIPELINE.
- RECOAT THE PIPELINE IN ACCORDANCE WITH GAS STANDARD E-35.
- BACKFILL THE EXCAVATION & RESTORE THE PROJECT SITE.

GENERAL NOTES:

- THIS DRAWING IS ISSUED FOR PERMIT. REFER TO CONTRACT DOCUMENTATION FOR ADDITIONAL CLARITY OF SCOPE OF WORK.
- THIS DRAWING HAS BEEN CREATED BY REVIEW OF THE AS-BUILT DRAWINGS & RECORDS. ACCURACY IS DEPENDENT UPON THE SOURCE DOCUMENTS LISTED ON THE REFERENCE DRAWINGS.
- DISTANCES TO ALL UTILITIES SHOWN ON DRAWING ARE APPROXIMATE BASED UPON REVIEW OF PG&E & OTHER UTILITY/AGENCY DRAWINGS & AS-BUILTS. CONTRACTOR TO CALL USA TO HAVE LOCATION OF THESE FACILITIES MARKED AND POT HOLE TO EXPOSE/VERIFY LOCATION.

BASE TRANSMISSION INVESTIGATION DIG

TD15-09
DFM 1619-01, MP 1.51

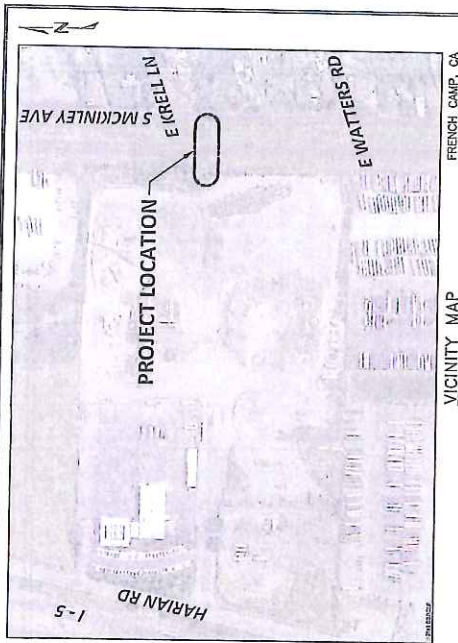
ORDER #42469119
PSRS #339630

CONSTRUCTION NOTES:

- CALL USA AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION (811).
- PAINTING & COATING REQUIREMENTS:
ALL EXPOSED PIPE & FITTINGS ARE TO BE PAINTED IN ACCORDANCE WITH GAS STANDARD E-30. ALL COATING ON BURIED PIPE & FITTINGS ARE TO BE APPLIED IN ACCORDANCE WITH GAS STANDARD E-35. FOR COATING SELECTIONS ON BURIED PIPE SEE DIRECT BURIAL SELECTIONS TABLE.
- LOCATION OF EXISTING SUBSTRUCTURES ARE APPROXIMATE. BEFORE POWER OR HEAVY EQUIPMENT IS USED FOR EXCAVATION, THE EXACT DEPTH & LOCATION OF SUBSTRUCTURES SHALL FIRST BE DETERMINED BY HAND EXCAVATION, IF NECESSARY.
- COATING REMOVAL:
BEFORE REMOVING THE PIPE COATING ON PRE-1972 PIPE (DOES NOT INCLUDE PLASTIC TAPE OR FUSION BONDED EPOXY COATINGS) THE FOLLOWING STEPS SHALL BE TAKEN:
- FOR ALL NON-EMERGENCY WORK, PRE-1972 PIPE WRAP MUST BE EVALUATED TO DETERMINE IF IT CONTAINS ASBESTOS PRIOR TO REMOVAL.
- FOR EMERGENCY WORK ON PRE-1972 PIPE, ASSUME THE WRAP CONTAINS > 1% ASBESTOS UNTIL THE WRAP CAN BE TESTED.
- OBTAIN SAMPLES OF THE WRAP, & HAVE SAMPLES TESTED FOR ASBESTOS IN ACCORDANCE WITH WP 4711-01.
- TEST RESULTS ARE TO BE INCLUDED WITH AS-BUILTS.
- FOLLOW PROCEDURE IN WP 4711-01 FOR REMOVAL OF PIPE WRAP.
ALL EXCAVATIONS WITHIN EXISTING STATIONS SHALL BE HAND DUG OR EXCAVATED USING SOFT DIG METHODS (E.G. VACUUM EXCAVATIONS OR SIMILAR).
COPIES OF REFERENCE DRAWINGS ARE AVAILABLE TO FIELD PERSONNEL (PG&E, INSPECTION OR CONTRACTOR) ON AN AS NEEDED BASIS. CONTACT THE ASSIGNED ENGINEER IDENTIFIED IN CONTACTS TO OBTAIN COPIES OF ANY REFERENCE DRAWINGS.

NOTE:

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VICINITY MAP
NOT TO SCALE

DIRECT BURIAL COATING SELECTIONS
LISTED IN ORDER OF PREFERENCE

MAIN LINE COATING	FBE
MINOR REPAIRS	PROTAL 7200, POWERCRETE J, FBE WELD STICK, 3M SCOTCHKOTE 323
TIE-IN WELDS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
GIRTH WELDS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
BUTT WELDED FITTINGS	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
VALVE ASSEMBLIES	3M SCOTCHKOTE 323, PROTAL 7200, DEVGRIP 238
SHORT SEGMENTS OF PIPE	3M SCOTCHKOTE 323, PROTAL 7200, FBE, POWERCRETE J
AIR-TO-SOIL TRANSITIONS	DEVGRIP 238, POWERCRETE J
PRESSURE CONTROL FITTINGS	3M SCOTCHKOTE 323, FLANGE WAX TAPE
TIE-IN COATING TRANSITIONS	PROTAL 7200, WAX TAPE
BORED COATING SELECTIONS LISTED IN ORDER OF PREFERENCE	
MAIN LINE COATING	ARC APPLIED OVER FBE
MINOR REPAIRS	PROTAL 7200, POWERCRETE J
GIRTH WELDS	PROTAL 7200, POWERCRETE J, 3M SCOTCHKOTE 323

- NOTES:
- CONTACT THE RESPONSIBLE PIPELINE ENGINEER TO REQUEST A VARIANCE FROM THE ABOVE COATING SELECTIONS
 - ALL COATINGS ARE TO BE APPLIED IN ACCORDANCE WITH GSSS E-30 AND E-35



TD15-09

DFM 1619-01, MP 1.51

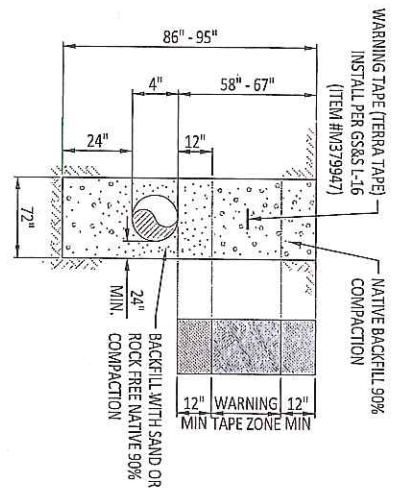
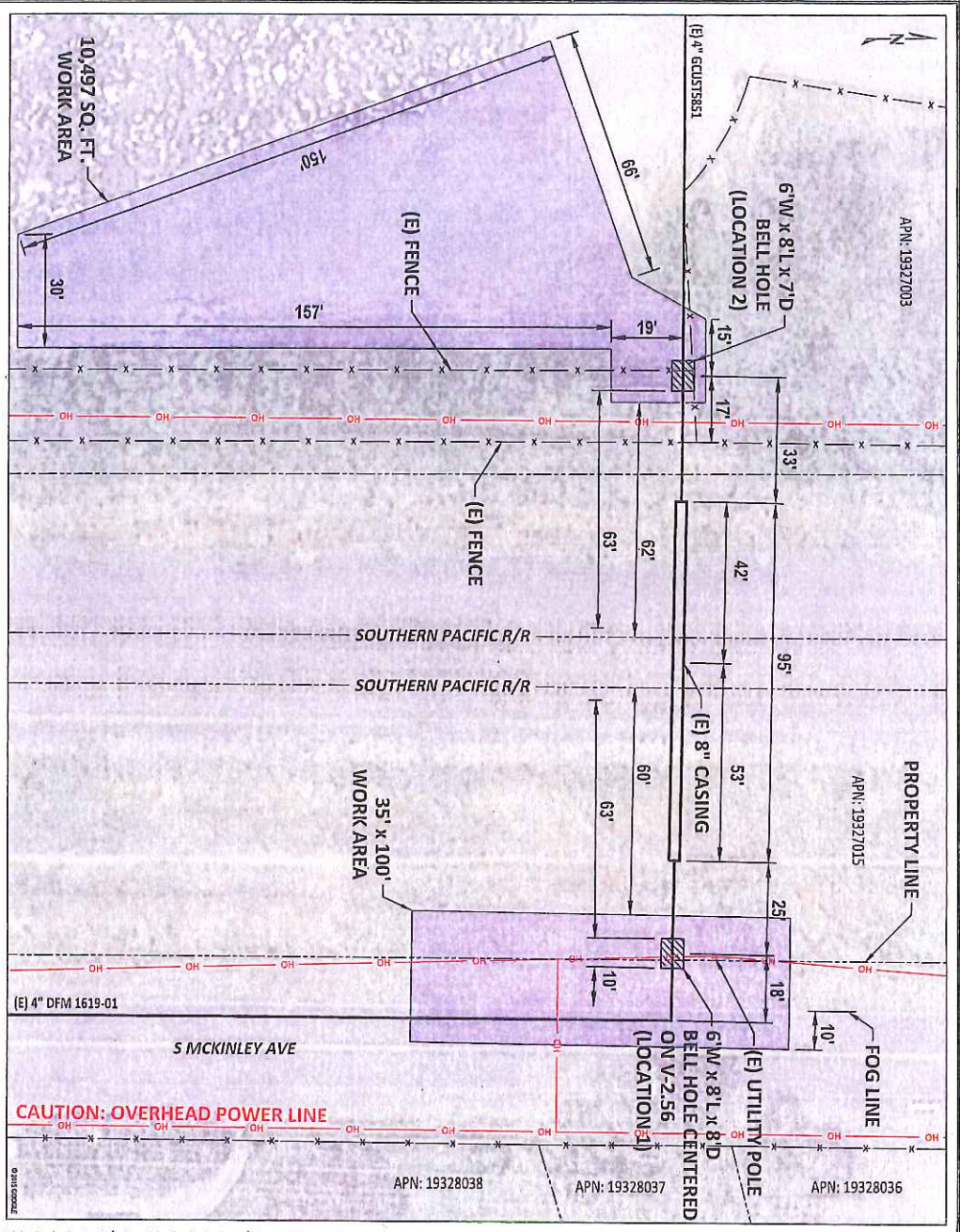
BASE TRANSMISSION INVESTIGATION DIG

FRENCH CAMP, CALIFORNIA

DRAWING NUMBER
GTS-14109

SHEET
01 OF 02

INCH
0 1 2 3 4 5



DETAIL
TYPICAL BELL HOLE
NOT TO SCALE
NON TRAVED AREA

TD15-09 (LOCATION 1)
DHM 1619-01 DIG MP: 1.4686
LAT: / LONG: 37.861975 / -121.274404
PIPE: 4.500" OD x 0.141" WT, API SLX, X-42, ERW
SOIL, T.O.P.: 67"
EXCAVATION DEPTH: 95"
MAOP: 720 PSIG, YEAR INSTALLED: 1972
WALL MAP: 3061, PLAT: E2

TD15-09 (LOCATION 2)
DHM 1619-01 DIG MP: 1.51
LAT: / LONG: 37.861978 / -121.274851
PIPE: 4.500" OD x 0.141" WT, API SLX, X-42, ERW
SOIL, T.O.P.: 58"
EXCAVATION DEPTH: 86"
MAOP: 720 PSIG, YEAR INSTALLED: 1972
WALL MAP: 3061, PLAT: E2

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.

ISSUED FOR PERMIT

321 Tenth St., Suite 200
Walrus Creek, CA 94521 (916) 455-1100
www.gtsinc.com
Project No. 14169

LEGEND:

PROPERTY LINE

EXISTING GAS MAIN

EXISTING FENCE

OVERHEAD ELECTRIC LINE

BELL HOLE

WORK AREA

UTILITY POLE

E KRELL LN & S MCKINLEY AVE, FRENCH CAMP, CA

NOTE:

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THIS DRAWING IS FOR VISUAL REFERENCE ONLY. SCALE IS APPROXIMATE. LOCATION OF EXISTING STRUCTURES IS APPROXIMATE. ALL DIMENSIONS ARE APPROXIMATE. DRAWING SIZE: 11"x17". INCH SOURCE: 000002.	DATE	11/09/2015
CHKD	JPR	
OK	CQS	

TD15-09

DFM 1619-01, MP 1.51

BASE TRANSMISSION INVESTIGATION DIG

FRENCH CAMP, CALIFORNIA

DRAWING NUMBER

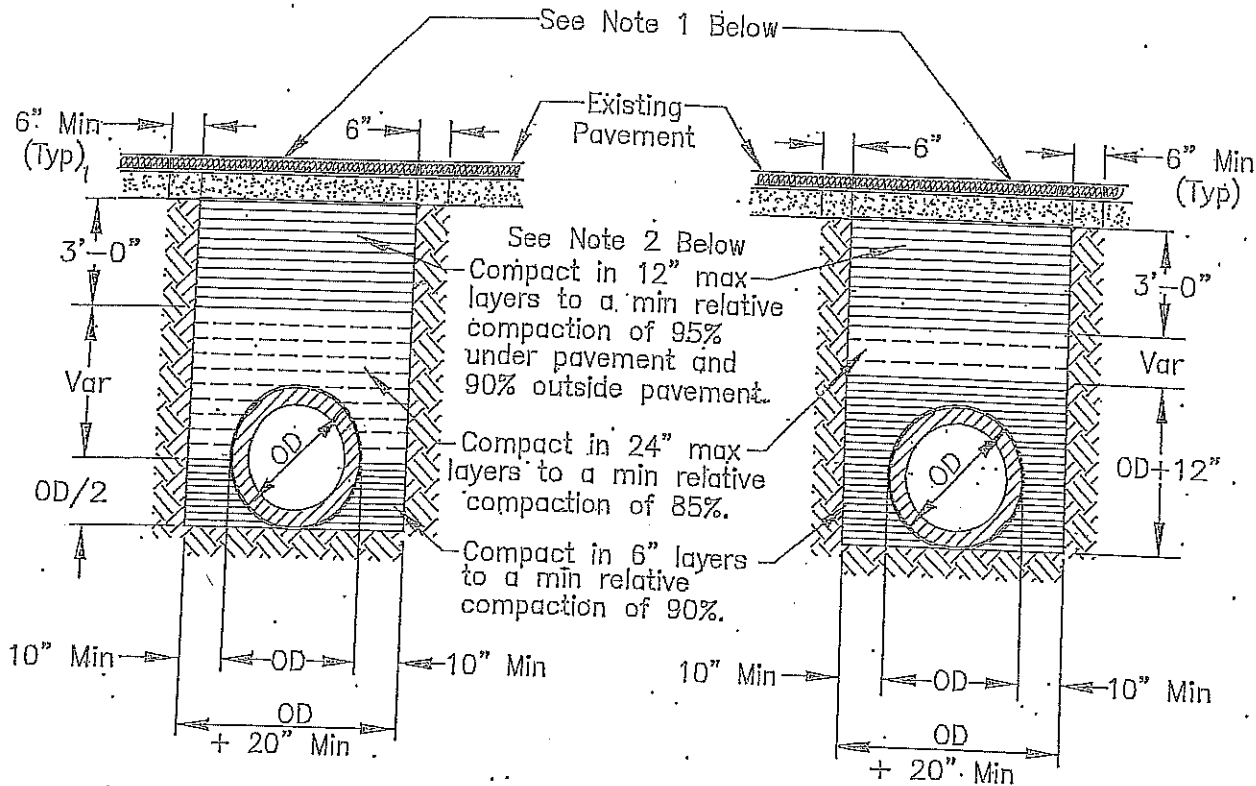
GIS-14169

SHEET

02 OF 02

B



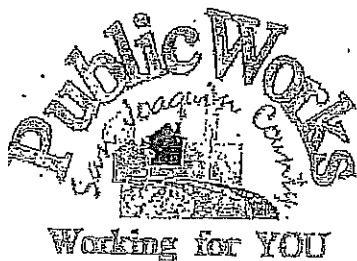


RIGID CONDUIT

FLEXIBLE CONDUIT

NOTES:

1. New pavement shall be 1" thicker than existing pavement, minimum. of 0.25 Ft. New base shall be 1" thicker than existing base, min of 0.50 Ft.
2. Select native material or imported granular material as approved by the Director of Public Works. Backfill with materials equal to or better than the existing pavement and base in quality.
3. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
4. All existing pavement shall be neatly cut to line prior to trench excavation.
5. Jetting or ponding will be permitted within the street right-of-way with a 3 year bond, when approved by the Director of Public Works.
6. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
7. Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



TYPICAL TRENCH BACKFILL

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Approved by:

Thomas M. Lee

No.	Revision	Description	Date

Date: DEC. 2014

Std. Dwg. No.

R-29

GENERAL PROVISIONS

GOVERNING INSTALLATION OF SUBSURFACE STRUCTURES AND PIPELINES WITHIN COUNTY ROAD RIGHTS-OF-WAY

PUBLIC CONVENIENCE AND SAFETY:

- A. Before obstructing any private driveway entrance or County road traveled way with a trench, spoil bank, equipment or other barrier permitted for any prolonged period of time, the Permittee shall notify the known users of the respective thoroughfare(s) involved, and shall provide access for vehicular and pedestrian traffic to and from the road.
 - 1. Unless otherwise permitted, all work shall be conducted in such a manner that no less than one lane of the existing County road traveled way will be maintained open to public traffic during working hours in a smooth and safe riding condition(s). Two lanes shall be open after working hours.
 - 2. In cases where road closure is permitted, the permission to close the road will be granted under the condition that the Permittee notify the following persons and/or agencies of the time, the period of closure, and the detour route at least twenty-four (24) hours prior to said road closure.
 - a. The County of San Joaquin Public Works Department
 - b. The County of San Joaquin Sheriff's Office
 - c. The local postal service
 - d. The local fire district
 - e. The local school district
 - f. The local residents involved
- B. Should hazardous conditions relative to the installation operations warrant flagmen, as many capable flagmen as may be necessary shall be provided by the Permittee and stationed in advance of work to warn and direct traffic.
- C. Lights, signs and barricades shall be furnished, erected and maintained by the Permittee for the adequate warning and convenience of the public, with particular attention to be taken in this regard after dark.
- D. Any excess dirt and/or debris which might be a hazard to either automobile or pedestrian traffic, uncontrollable by lights, signs and barricades, shall be removed from the jobsite daily.

STRUCTURES:

- A. Walls of structures shall be such quality and strength that they will resist all pressures and will not crack or be deformed in such a way as to create a hazard or maintenance problem at any time. Therefore, the minimum structural requirements for concrete pipe placed under county road rights-of-way shall conform to the following American Association of State Highway and Transportation Officials (AASHTO) designations.
 - 1. For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASHTO Designation M 170M.
 - 2. For concrete pipe thirty-six inches (36") inside diameter and larger, reinforced concrete pipe conforming to AASHTO Designation M 170M Class III.
 - 3. Plastic pipe conforming to AASHTO Designation M294.
- B. All concrete pipe joints with County road rights-of-way shall be sealed against leakage and/or infiltration with rubber gasket in conformance with Section 65-1.06 of the California Standard Specifications, or with other methods as may be permitted under the Special Provisions.
- C. Cast-in-place concrete pipe, vitrified clay pipe, spiral welded steel pipe, or corrugated aluminum alloy pipe shall not be installed within the County road rights-of-way unless specifically so stated in the Special Provisions, and only under the conditions as provided.
- D. All structures to be buried within the County rights-of-way shall be set at such elevations as to allow minimum coverage of thirty inches (30") to the centerline of the roadways and twelve inches (12") at the bottoms of borrow ditches each side of the roadways. The depths of structures shall be established below a flat plane extending across the rights-of-way, no part of which shall extend above the elevations stated above; manholes, lampholes, valves, etc. not included. Future surface elevations shall be anticipated as nearly as possible and structure elevations shall be established for future adjustments accordingly.
- E. The County hereby reserves the right to specify in the Special Provisions the gage and surface treatment of any galvanized corrugated metal pipe that is to be installed.
- F. All longitudinal utility facilities are to be established (and dimensioned on sketches) from surveyed centerline of road right-of-way, not from right-of-way (border) lines.

REPAIRS OF THE COUNTY RIGHT-OF-WAY:

- A. All excavations shall be backfilled and compacted immediately after work therein has been completed.
- B. Trenched shall not be left open farther than 300 feet in advance of pipe laying operations, or 200 feet to the rear thereof, unless otherwise permitted by the Engineer.
- C. Unless otherwise permitted under the Special Provisions, backfill shall be placed and mechanically compacted in such a manner that the relative compaction throughout the entire fill within the County road right-of-way shall conform to the percentages of compaction as shown on the Trench detail.
- D. Backfill material shall be placed in horizontal uniform layers not to exceed in thickness, before compaction, 0.67 foot in the bedding region, one-foot where 90% compaction is required, and two-feet where 80% compaction is required.
- E. No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided.
- F. Gravel backfill material shall be utilized only where specifically so stated on the face of the permit. It shall be compacted by means of a high-frequency internal vibrator, the compactor to be a size and type approved by the Engineer. Points of compaction shall not be greater than 18" centers and to the full depth of the lift.
- G. All pavements, curbs, gutters, sidewalks, borrow ditches, pipes, head walls, road signs, trees, shrubbery, and/or other permanent road facilities impaired by or as a result of construction operations at the construction site(s) occupied by materials and/or equipment, shall be restored immediately upon backfilling of the excavation to the original grades and cross sections, and to a condition as good as, or better than existing prior to construction.
- H. All surfacing materials of roadways and driveway approaches cut or damaged by or as a result of construction operations, shall be replaced within ONE WEEK following the backfilling of excavation, weather permitting, with compacted layers of surfacing materials at least as thick as the existing, and no less than two inches (2") of asphalt concrete over six inches (6") of aggregate base, both as specified below.
 - 1. Asphalt Concrete: Combined mineral aggregate shall conform to the quality and gradation requirements for Type "B" one-half inch (1/2) maximum aggregate, coarse or medium gradation as specified in Section 39 of the California Standard Specifications. The bituminous binder to be mixed with mineral aggregate shall be paving asphalt having (Grade PG 64-10), unless otherwise directed by the Engineer. Placement of asphalt concrete surfacing shall conform to the applicable provisions of Section 39 of the California Standard Specifications.
 - 2. Aggregate Base: Combined mineral aggregates shall conform to the quality and the grading for three-quarter inch (3/4") maximum size aggregate Class 2 Aggregate Base specified in Section 26 of the California Standard Specifications.
- I. Before acceptance of repairs to the County road rights-of-way, all unsightly and detrimental dirt, dust and/or debris shall be removed and the construction areas left in a neat and presentable condition(s).
 - 1. If necessary, County road traveled way and driveway pavements shall be washed with water to remove dirt and dust.
 - 2. Driveway approaches and field entrance pavements damaged by equipment or spoil banks shall be repaired as directed by the Engineer.
- J. Upon request by the County, any settlement, sagging of surface, or cracking of pavement shall be repaired immediately by and at the sole expense of the Permittee for a period of one year following acceptance of the work.

SPECIAL PROVISIONS

Winter Weather Utility Work

1. **SUPERVISION:** The utility company (**permittee**) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. **START OF WORK:** No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions and has determined the work can be accomplished under the provisions of the permit.
3. **CLEAN PAVEMENT:** Dirt and mud shall not be deposited on the pavement outside the area of work, and if inadvertently tracked onto the road travel way shall be removed immediately.
4. **DAILY RESTORATION:** Private driveways and road intersections shall be restored daily.
5. **WEATHER-TIGHT CONDITIONS:** All trenches shall be filled and compacted, ditches and other drainage facilities regarded and opened, and the entire work area restored to weather-tight condition prior to any rain.



COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1503592**
Date Issued: 12/15/2015
Start Date: 12/15/2015
Exp. Date: 01/01/2016
Project No: PWP730052
Quad: SE
Extended To: 02/01/2016
UE/CR/PM NO:42469119

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - SAN RAMON
6121 BOLLINGER CANYON ROAD
SAN RAMON, CA 94583

RIDER # 1
Date 12-31-15

Encroachment Type:

Trench			
--------	--	--	--

Location:

MCKINLEY AVE@KRELL LN

In compliance with your request of **12/15/2015**, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD

FORMS:

SS/WW, R-29		
-------------	--	--

Est. Permit Fee: \$440.40

WHITE	-Permittee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-Permit Section

KRIS BALAJI, Director
Department of Public Works

By: 
Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies-governing the encroachment herein permitted. See the following references:

STREETS AND HIGHWAYS CODE

1. Division 1, Chapter 3
2. Division 2, Chapter 2, Section 942
3. Division 2, Chapter 4, Section 1126
4. Division 2, Chapter 5.5 and Chapter 6

SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure-placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.