



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-1800992
Date Issued: 03/27/2018
Start Date: 03/27/2018
Exp. Date: 04/01/2019
Project No: PWP730052
Quad: NW

UE/CR/PM NO:35001588

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - STOCKTON
PO BOX 930
STOCKTON, CA 95201

Encroachment Type:

Traffic Control Devices			
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Location:

W/S LOWER SACRAMENTO RD@BEAR CREEK

In compliance with your request of 03/27/2018, 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****Work shall not be permitted within the San Joaquin County right-of-way between November 1 and March 31 without prior authorization from the San Joaquin County Field Engineering Division, contact them at (209) 953-7421****

FORMS:

SS/WW		
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Est. Permit Fee: \$436.00

KRIS BALAJI, Director
Department of Public Works

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

By: 
Permit Section

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 2/21/18

To: San Joaquin County
Department of Public Works

PGE

(Applicant Name)

4040 West LN

(Mailing Address)

Stockton CA 95204

(City, State, Zip Code)

408-316-1767

(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	<u>730052</u>	REF #	
APN		CR #	
EXP. DATE			
VALID		TO	
STREET	<u>Lower Sac</u>		
AREA	<u>Stockton</u>	QUAD	<u>NW</u>
TYPE	<u>TCP</u>		
FORMS	<u>SSWW</u>		
NOTES			

DRIVEWAYS:

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*

*

Sketch (Detailed plans may be submitted)

SEE ATTACHED

3500 1589

subject to pavement cuts shall receive an (1)-inch asphalt concrete overlay from the centerline (or Lane line) to the edge of the travel way as per the San Joaquin County Trench Cut Policy. If the pavement is disturbed on both sides of the centerline (or adjacent lane), then the entire roadway (or affected lanes) shall be resurfaced. Contractor shall grind and overlay within 10 working days of permanent trench paving. Shoulder areas shall be brought up to finish grade as directed by the County.

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the West side of Lower Sacramento approximately 55' (feet) mile South of S. Bear Creele, Stockton, by performing the following work (description of work):

To Install a new valve behind edge of pavement

CCTV Inspection may take place In City of Stockton
Right-of-way

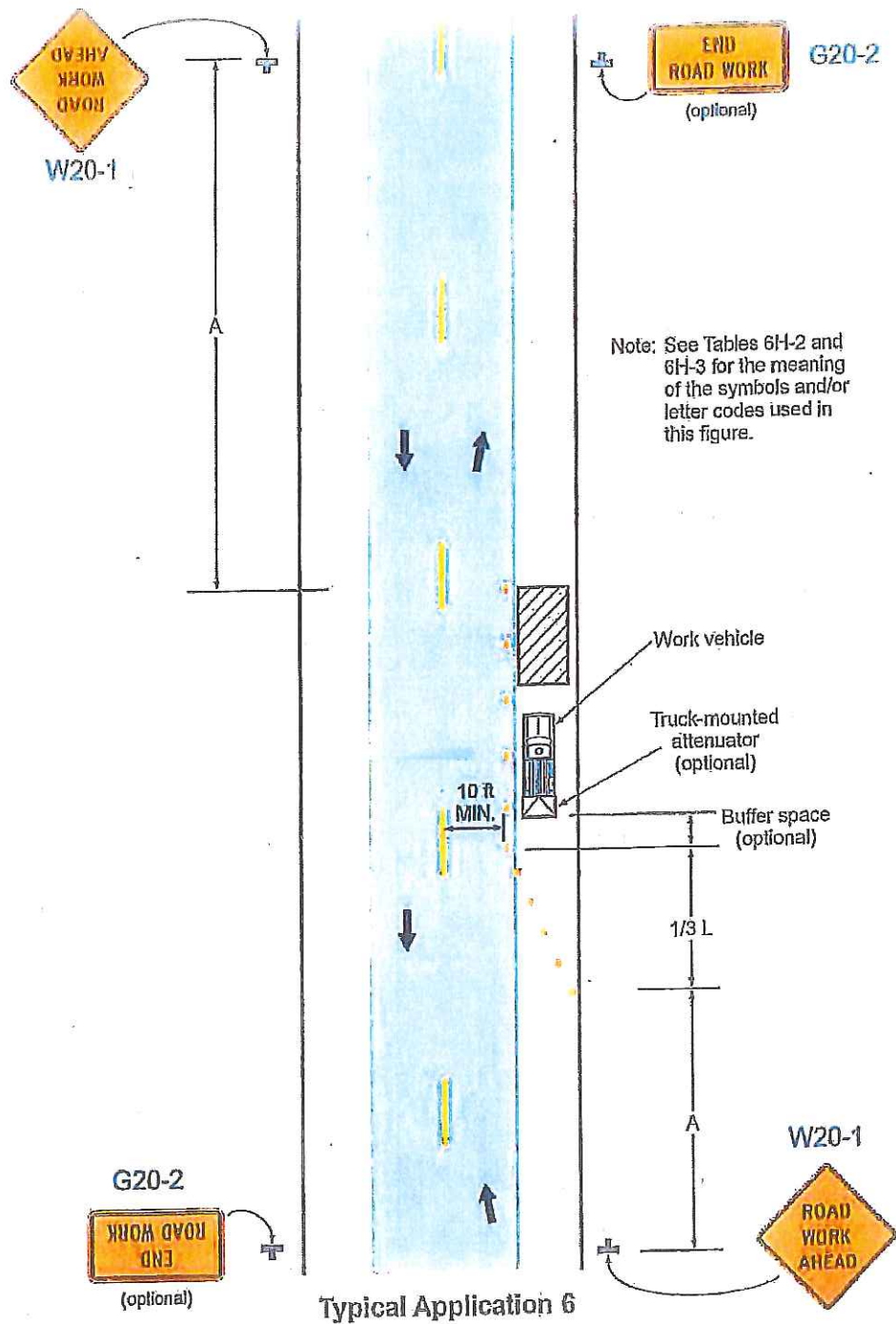
Work will commence on or about 3-15-18 for approximately 180 days.

I, the undersigned, certify that I am the owner of the property described above and I am applying for this permit in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Signature of Applicant - Title

Date

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



Typical Application 6

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	d. The local fire district
b. The County of San Joaquin Sheriff's Office	e. The local school district
c. The local postal service	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.

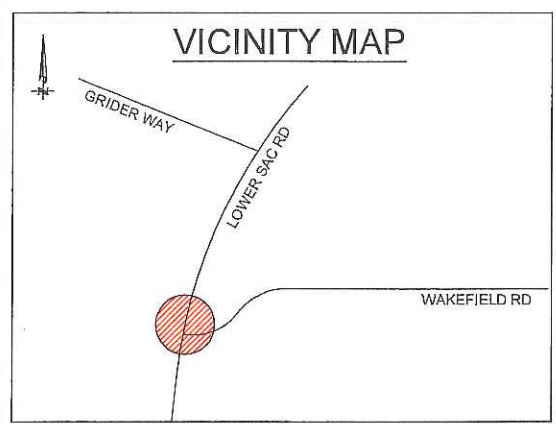
REPAIRS OF THE COUNTY RIGHT-OF-WAY:

- 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

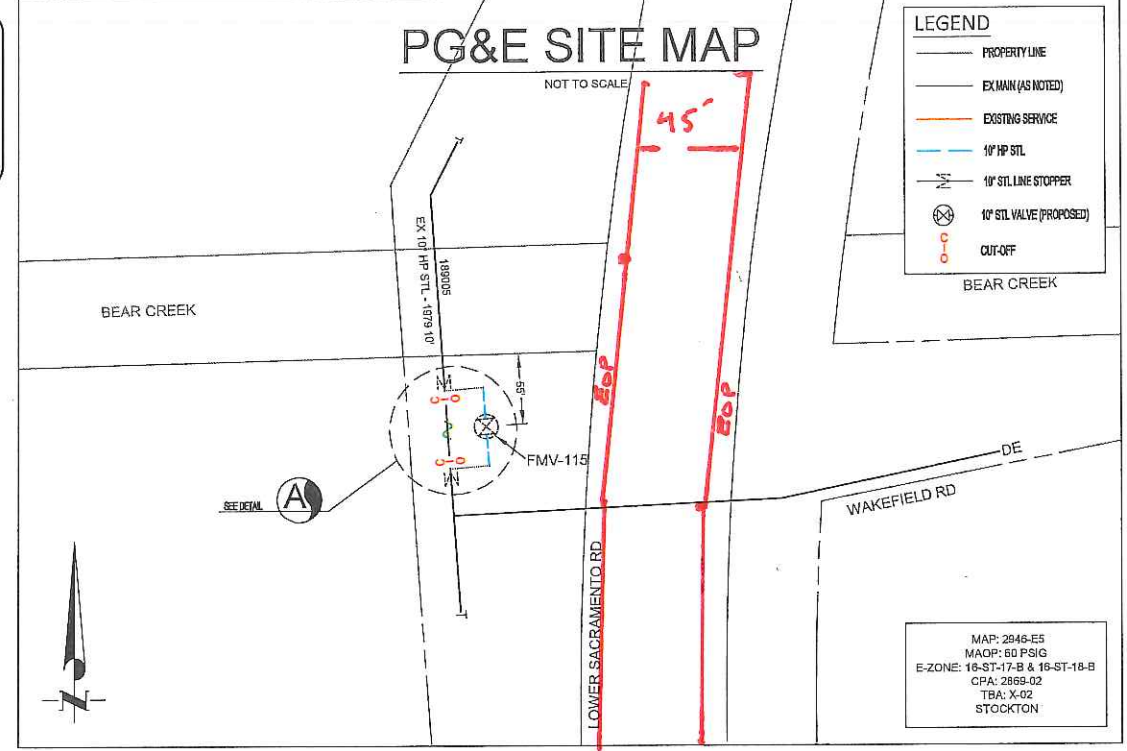
1. SUPERVISION: The utility company (permittee) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. START OF WORK: No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions 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.



Underground Service Alert
Call: TOLL FREE
811
TWO WORKING DAYS BEFORE YOU DIG
NO APPOINTMENT FOR GAS CONSULTS FOR THIS PROJECT
GAS PLATE: 2946-E5

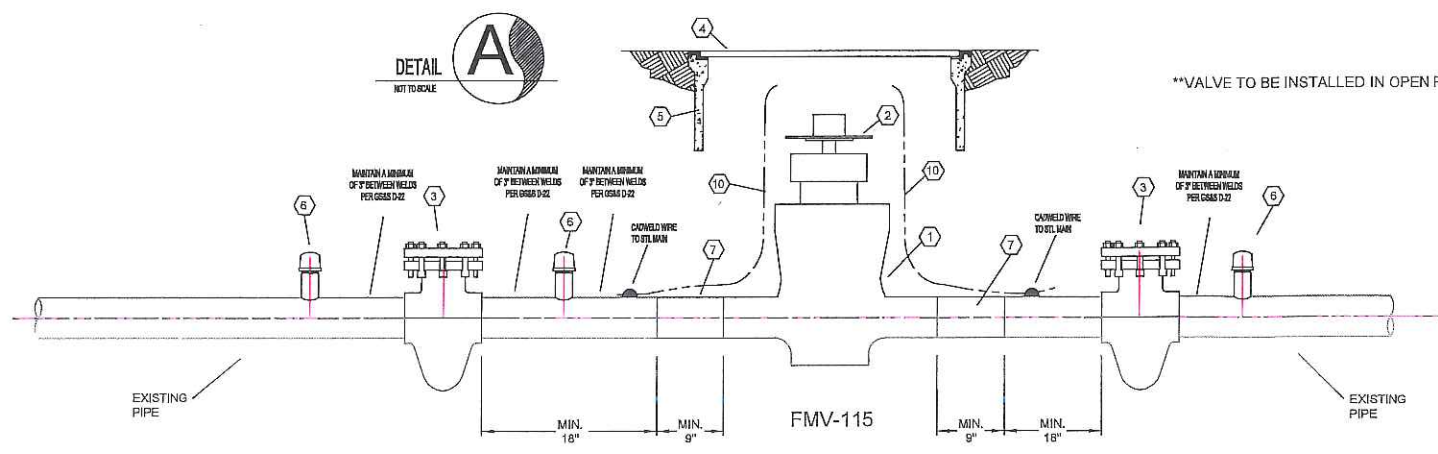
NOTIFIED U.S.A.
DATE: _____
TICKET # _____
BY: _____

NAME:	DEPT:	TELEPHONE:
1. RICK MUOK	GPOM SUPERVISOR	209-406-7926
2. DAVE RYMERS	GAS PLANNER	209-942-1626
3. ARCHIE STEELE	CONSTRUCTION SUPERVISOR	209-598-4079
4. MARCOS OCEGUERA	CORROSION SUPERVISOR	510-621-9204
5. CHRIS LARUE	GAS ADE	209-942-1421
6. IVAN CASTRO	GAS ESTIMATING	209-932-1446
7. AARON YU	DISTRIBUTION ENGINEER	209-932-6461
8. KIRAN BAINS	SR. GAS ENGINEER	209-932-6443

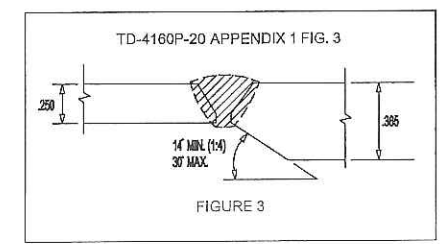


- NOTES TO CONSTRUCTION:**
- ALL CRITICAL VALVES ARE TO BE COMMISSIONED & DOCUMENTED PER TD-4430P-04.
 - CONTACT GAS DISTRIBUTION ENGINEER FOR APPROVAL OF ANY CHANGES OF DESIGN DURING CONSTRUCTION.
 - CONTACT I&R SUPERVISOR, CORROSION SUPERVISOR AND PLANNING ENGINEER 48 HOURS PRIOR TO CONSTRUCTION.
 - FOR MAIN LINE VALVE INSTALLATION, CLEARANCE TO BE WRITTEN AND APPROVED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - ALL COATING ON EXPOSED PIPE AND FITTINGS ARE TO BE APPLIED IN ACCORDANCE WITH GAS STANDARD E-30.
 - ALL COATING ON DISTRIBUTION PRESSURE BURIED PIPE TO BE APPLIED PER GS&S E-35 AND E-25 AS APPROPRIATE.
 - ALL WELDING, TIE-INS, CUTTING OFF AND CAPPING OF CAST IRON, STEEL, AND PLASTIC MAIN TO BE DONE PER GS&S D-22, A-36, C-37, AND TD-4160P-20.
 - ETS WIRES TO BE INSTALLED IN VALVE BOX PER GS&S A-90.2.
 - ETS WIRES TO BE CONNECTED TO STEEL MAIN PER GS&S 0-10.

BILL OF MATERIALS				
ITEM #	QTY	DESCRIPTION	MATERIAL #	GS & S
1	1 EA	10" STL, ANSI 300, M1 GATE VALVE, KEROTEST	019089	F-31
2	1 EA	PLASTIC DISK WITH WORDING "MULTI-TURN"	440893	F-41.2
3	2 EA	10" MUELLER LINE STOPPER (SPLIT), H-17255	022060	C-15.3
N/A	1 AY	FULL TRAFFIC 17X30 INCH BOX WITH LID	019597	N/A
4	N/A	STEEL, SLIP RESISTANT 17"X30"	-----	K-42.1
5	N/A	CONCRETE VALVE BOX 17"X30"	-----	K-42.1
6	3 EA	1" SAV-A-VALVE, PCF, H-17490	022452	C-14
7	4 FT	10" STL PIPE, SMLS, 0.365 WT, 10.75 OD	011804	A-15
8	2 EA	10" STL CAPS, BUTT WELD (VALVE COMMISSIONING)	022120	B-20
9	2 EA	1/4" TDE NIPPLE, 3' LONG (VALVE COMMISSIONING)	021905	B-13.2
10	10 FT	#10 HMWPE WIRE, SOLID COPPER, BLACK	294991	□-10



VALVE TO BE INSTALLED IN OPEN POSITION



EXIST PIPE SPECS	
HEADER SIZE:	10.75" OD
PIPE SPECS:	API 5L X-42 ERW
WALL THICKNESS:	.250
PRESENT MAOP:	60 PSIG

VALVE DATA STAMP

BOM# 1 VALVE SIZE 10"

TECH ID (VALVE #) FMV-115

VALVE TYPE GATE

MANUFACTURER KEROTEST

MODEL/FIGURE # M1-1WL7

SERIAL #

CRITICAL VALVE ☒ YES ☐ NO

CRITICAL VALVES ARE TO BE COMMISSIONED PER TD-4520P-01

COMMISSIONING

VALVE TO BE COMMISSIONED BY GAS PIPELINE OPERATION & MAINTENANCE (GPO&M) AND DIVISION OR DISTRICT PERSONNEL PRIOR TO PLACING VALVE IN SERVICE.

COMMISSIONED BY: _____

LAN ID: _____

DATE: _____

NUMBER OF TURNS OF HANDWHEEL (IF APPROPRIATE): _____

Welding Inspected per PG&E Gas Utility Standard TD-4160M

Visual _____

Magnetic Particle _____

Radiographic _____

Inspector _____

Date _____

Installation Tested or Inspected and Noted on Drawing.

All Corrosion Levels Satisfactory per PG&E Gas Utility Standard TD-4161S.

Qualified Employee Date _____

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

ENGINEERING AND PLANNING DEPT.
4040 WEST LN
STOCKTON, CA 95204

EST: CASTRO (MCO)
ADE: CLARKE (CDA)
SUPV: INGRAM (JWA)
REP: AYUJAN (J)
PLNR: DRYMERS (DDB)
SCALE: NTS
DATE: 8/15/2017

CO: SD: NOTIF: 1814720
SHT: 10F1
REV: 35001588

PHONE: PACIFIC GAS AND ELECTRIC COMPANY

EZ VALVE INSTALLATION - FMV115
LOWER SACRAMENTO RD & WAKEFIELD DR
STOCKTON, CA