



# 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-1900035  
Date Issued: 01/04/2019  
Start Date: 01/15/2019  
Exp. Date: 03/01/2019  
Project No: PWP7110005  
Quad: SE

UE/CR/PM NO:31168289

## ENCROACHMENT PERMIT

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

### Encroachment Type:

Trench			
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### Location:

3232 E MUNFORD AVE

In compliance with your request of 01/04/2019, 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: \$919.50

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, 3339, 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 12/14/2018

To: San Joaquin County  
Department of Public Works

PG&E / Accu-Bore Directional Drilling Inc.

(Applicant Name)

511 E Channel Rd

(Mailing Address)

Benicia, CA 94510

(City, State, Zip Code)

Roger Jackson (925) 459-6144 Michael Jacob (707) 741-8049

(Area Code - Telephone Number)

RHJC@pge.com; mjacob@accu-bore.com

(Email Address)

## OFFICE USE ONLY

JOB #	<u>730052</u>	REF #	
APN		CR #	
EXP. DATE			
VALID		TO	
STREET			DRIVEWAYS:
AREA		QUAD	*
TYPE			*
FORMS			*
NOTES			

Sketch (Detailed plans may be submitted)

**PG&E PM 31166478**

Crew to call SJ County Inspector at **(209) 953-7421 48 to 72 hours before work starts.**

When calling, crew shall request "rain clearance" for any work during winter months

**November through March**

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on **Munford Ave approximately 110' WEST of 99 Frontage Rd,**

by performing the following work (description of work):

**Install pole riser and overhead transformer, trench across and along Munford Ave and south to install underground electric secondary to V&P Mobile Home Park - approximately 77' of trench in county ROW**

Work will commence on or after 1/15/2019 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

**12/14/2018**

Date

## **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

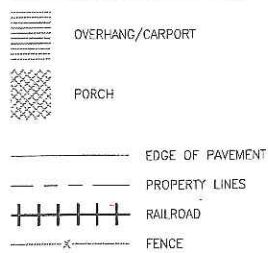
### Winter Weather Utility Work

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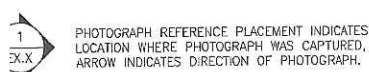
1. **SUPERVISION:** The utility company (**permittee**) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. **START OF WORK:** No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather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

## SYMBOLS LEGEND

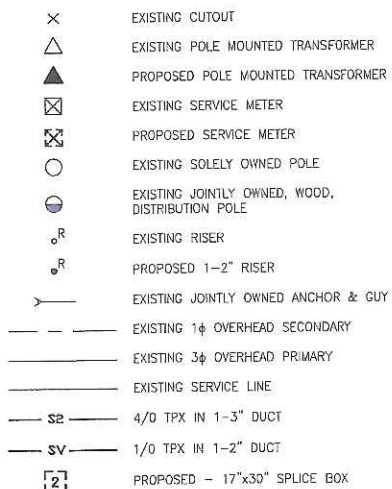
## BASE MAP LEGEND:



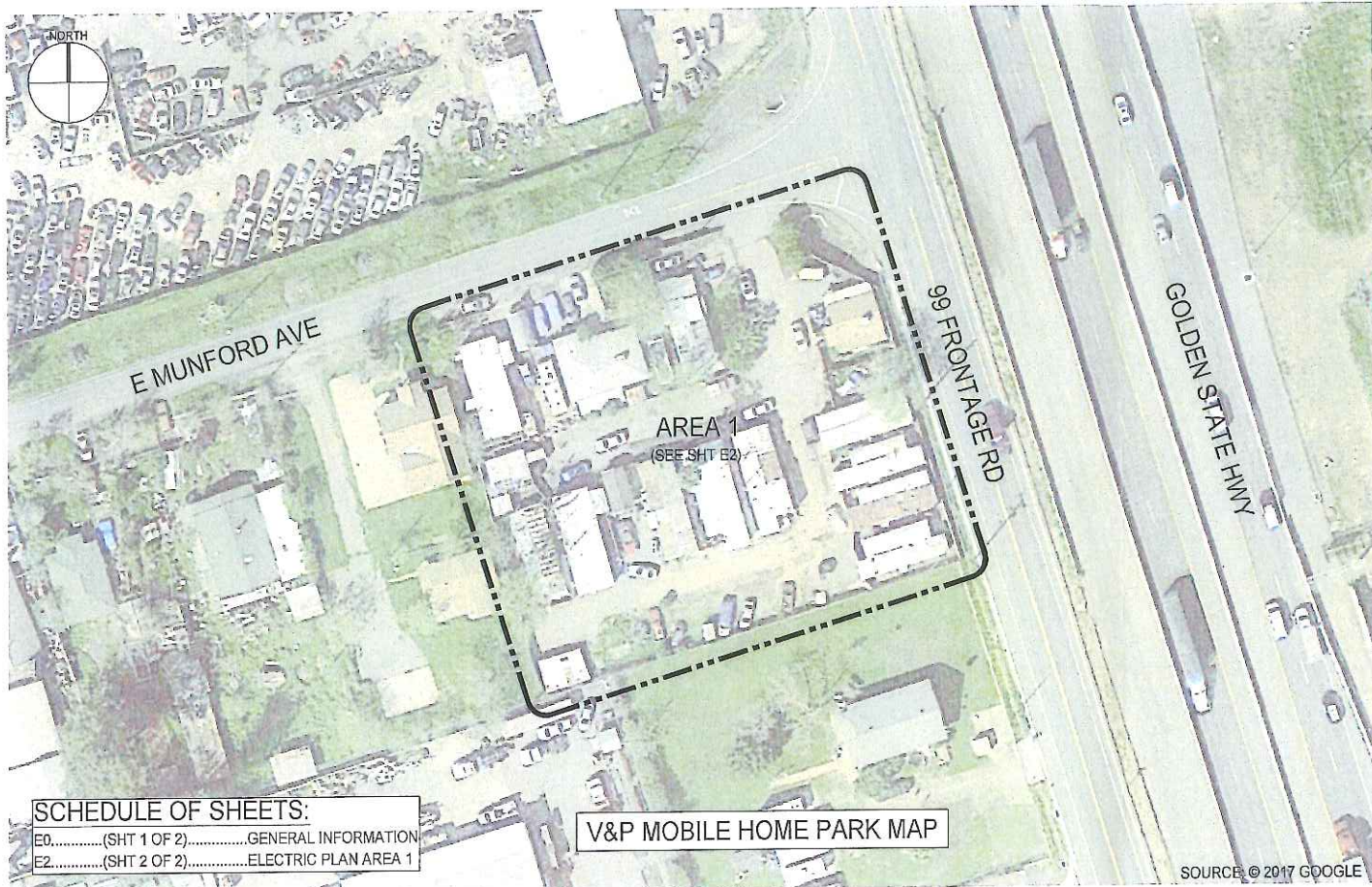
## ANNOTATION SYMBOLS:



## ELECTRIC SYMBOLS:



## PARK MAP



## SCHEDULE OF SHEETS:

E0.....(SHT 1 OF 2).....GENERAL INFORMATION  
E2.....(SHT 2 OF 2).....ELECTRIC PLAN AREA 1

## NOTES

## INSTALLATION NOTES:

- INSTALL "AIF" TAGS ON ALL SPLICES & TERMINATIONS (DATED & SIGNED).
- INSTALL TEMPORARY END CAPS ON ALL CABLES PER PG&E DWG. 048640.
- INSTALL IDENTIFICATION TAGS, PLATES, AND EXTERNAL SIGNS PER PG&E DWGS. 033582 & 051768.
- INSTALL CABLES PER PG&E DWGS. 038193.
- BOND COMMUNICATION CIRCUITS PER PG&E DWG. 0609B1.
- FAULT INDICATORS SHOULD BE AUTOMATIC RESET REMOTE INDICATING TYPE PER PG&E DWG. 061683.
- APPLICANT TO MAKE CONNECTION BETWEEN PROPOSED AND EXISTING VACANT CONDUITS AS DIRECTED BY THE PG&E INSPECTOR.
- MAINTAIN 6" SEPARATION, WHERE POSSIBLE, BETWEEN CONDUITS ENTERING SPLICE BOX KNOCKOUTS.
- CAP ALL CONDUITS NOT ENTERING A SPLICE BOX OR ENCLOSURE PER PG&E DWG. 062288, TABLE 10.
- INSTALL END BELLS ON ALL CONDUITS ENTERING SPLICE BOXES OR ENCLOSURES (UNLESS DUCT TERMINATORS ARE UTILIZED) PER PG&E DWG. 062288, TABLE 12. SEE BULLETIN 2002-418.
- THE TOTAL NUMBER OF FACTORY BENDS INSTALLED IN CONDUIT RUNS FOR SECONDARY AND SERVICE CABLES HAVING A MAXIMUM LENGTH OF 200' SHALL NOT EXCEED 315 DEGREES. IF THE TOTAL LENGTH OF SECONDARY OR SERVICE CONDUIT EXCEEDS 200', THEN THE TOTAL NUMBER OF FACTORY BENDS SHALL NOT EXCEED 300 DEGREES.
- ALL HORIZONTAL, SECONDARY & SERVICE BENDS TO BE 36" RADIUS. ALL PRIMARY HORIZONTAL BENDS TO BE 60" RADIUS (2" CONDUIT MAY BE 36"). ALL SECONDARY BENDS ENTERING PADS TO BE 36" RADIUS. ALL SERVICE BENDS ENTERING THE BOTTOM OF BOXES AND BENDS AT SERVICE RISER TO BE 24" RADIUS. ALL PRIMARY BENDS ENTERING UNDER TRANSFORMER OF SWITCH PADS ARE TO BE 36" RADIUS.
- SPARE SECONDARY/SERVICE CONDUITS SHALL NOT ENTER SECONDARY SPLICE BOXES UNLESS SPECIFIED ON THE CONSTRUCTION DOCUMENTS. TERMINATE CONDUITS PAST THE CURB OR BEHIND SIDEWALK. IF DRIVEWAY EXISTS AT TERMINATION POINT, TURN CONDUIT WITH 90 DEGREE BEND TOWARDS SOURCE OF CABLE AND TERMINATE CONDUIT PAST DRIVEWAY.
- APPLICANT TO INSTALL ALL SPLICE BOXES, ENCLOSURES, PADS, AND OTHER SUBSURFACE EQUIPMENT TO FINAL GRADE AND MEET ALL REQUIREMENTS OF PG&E STANDARD DEG. 051122.
- WHEN WORKING IN VICINITY OR ENERGIZED FACILITIES, CONTACT PG&E

## RIGHT OF WAY NOTES:

PG&E LAND DEPARTMENT TO REVIEW FOR ADEQUATE RIGHTS OF WAY FOR PG&E FACILITIES. ANY ADDITIONAL REQUIRED RIGHTS OF WAY TO BE SURVEYED AND DOCUMENTED BY PG&E AT APPLICANT'S EXPENSE.

TRANSFORMERS, PADMOUNT-JUNCTION BOXES, AND 3'x5' ENCLOSURE INSTALLATIONS REQUIRE RIGHTS FOR ENCLOSURE OR PAD AND 3' OF OPERATING SPACE ON ENDS OR SIDES AND ALONG THE BACK (PROPERTY) SIDE. RIGHTS FOR OTHER TYPE EQUIPMENT SHALL BE AS NECESSARY FOR THE SPECIFIC EQUIPMENT REQUIREMENTS. LAND RIGHTS SHALL INCLUDE NECESSARY OPERATING ROOM AS PER PG&E STANDARD 051122 AND SPECIFIC EQUIPMENT REQUIREMENTS.

## ELECTRIC NOTES:

- CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT 811 AT LEAST TWO WORKING DAYS PRIOR TO DIGGING. LOCATE ALL UNDERGROUND FACILITIES BEFORE TRENCHING & EXCAVATION.
- BEFORE BEGINNING SUBSTRUCTURE WORK, CALL PG&E UNDERGROUND INSPECTOR TWO WORKING DAYS IN ADVANCE.
- THIS IS AN APPLICANT INSTALLATION PROJECT. SERVICE COMPLETIONS BY DEVELOPER, STUB & CAP SERVICE CONDUITS AT LOCATION COORDINATED IN FIELD. COORDINATE WITH PG&E ON FINAL LOCATION OF METER PEDESTAL PRIOR TO INSTALLATION. LOCATION OF METERS SHALL MEET PG&E STANDARD REQUIREMENTS.
- TRENCH TO BE JOINT ELECTRIC, GAS, TELEPHONE, AND CATV UNLESS NOTED OTHERWISE ON DRAWINGS. SEPARATION OF CONDUIT SHALL MEET REQUIREMENTS AS NOTED ON CONTRACT DOCUMENTS.
- DESIGN CRITERIA:
  - 5.1 UNIFIED GRID MAP: AU123-D12
  - 5.2 FEEDER NAME: WEBER 1109
  - 5.3 SURGE DISTRICT: 3
  - 5.4 INSULATION DISTRICT: B
  - 5.5 CORROSION AREA: NON-CORROSION
  - 5.6 CUSTOMER COUNT: 10
  - 5.7 TOTAL XFMR: 50 KVA
  - 5.8 CLIMATE ZONE: CODE S (SUMMER INTERIOR)
  - 5.9 TOTAL DEMAND: 31 KVA
  - 5.10 FIRE AREA: LOCAL RESPONSIBILITY AREA
  - 5.11 VOLTAGE AREA: 2
  - 5.12 LOADING DISTRICT: LIGHT
  - 5.13 RCZ (IF REQUIRED): YES
- THE FAULT DUTY AT ALL MAIN SERVICES IS AT OR BELOW 10,000AIC BASED ON PG&E STANDARDS.
- CABLE LENGTHS INCLUDE TAILS.
- SEE UTILITY COMPOSITE DRAWING FOR ACTUAL TRENCH AND SUBSTRUCTURE LOCATIONS, AND RETAINING WALL REQUIREMENTS.

## GENERAL NOTES:

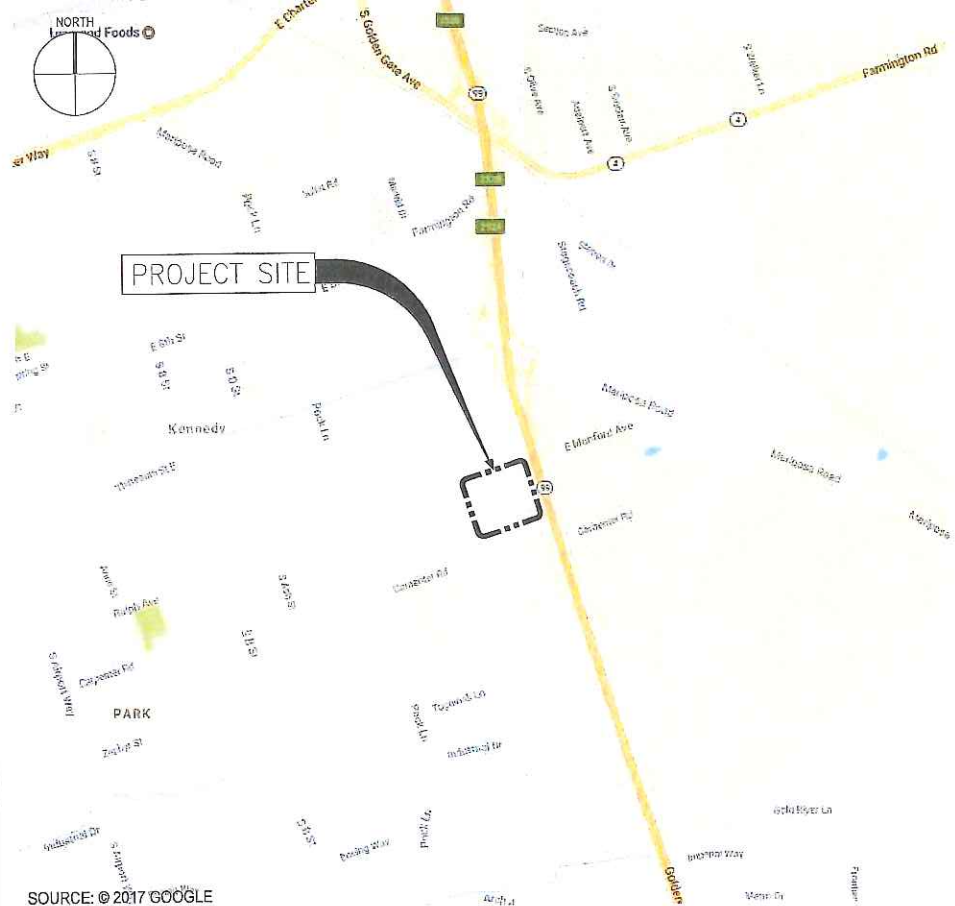
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS ENFORCED BY THE APPLICABLE REGULATORY AGENCIES, INCLUDING FEDERAL, STATE AND LOCAL ORDINANCES, AND CODES IN EFFECT AT THE TIME OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

CALIFORNIA CODE OF REGULATIONS  
2013 CALIFORNIA ENERGY CODE - CCR TITLE 24, PART 6  
2013 CALIFORNIA ENERGY CODE - CCR TITLE 24, PART 3  
BASED ON 2011 NEC  
2013 CALIFORNIA BUILDING CODE - CCR TITLE 24, PART 2  
BASED ON 2012 IBC 2011 NATIONAL ELECTRIC CODE  
AMERICANS WITH DISABILITIES ACT

## ABBREVIATIONS:

AR	ALUMINUM CONDUCTOR, STEEL REINFORCED (FORMERLY ACSR)
ARFT	AUTO TRIP FIXED RESET FAULT INDICATOR
A	AMPERE(S)
XLP	CABLE-CROSS LINKED POLYETHYLENE INSULATED
EPR	CABLE-ETHYLENE PROPYLENE RUBBER INSULATED
	CONCENTRIC NEUTRAL POLYETHYLENE JACKETED
C	CONDUIT
CO	CUTOUPS
CU	COPPER
F	FIXED
FB	FIXED BOLLARD
FU	FUSE
FT	FULL VEHICULAR TRAFFIC
G	GROUND
HVT	HEAVY VEHICULAR TRAFFIC
IVT	INCIDENTAL VEHICULAR TRAFFIC
JP	JOINT POLE
JT	JOINT TRENCH
KV	KILOVOLTS
KVA	KILOVOLT AMPERES
KWH	KILOWATT-HOUR
KCMIL	THOUSAND CIRCULAR MIL (NEW TERM)
KW	KILOWATTS
KO	KNOCKOUT (MANHOLE, ENCLOSURE)
LB	LOAD BREAK
OH	OVERHEAD
φ	PHASE
P	POLE OR PRIMARY
R	RISER OR REMOVABLE
RB	REMOVABLE BOLLARD
S	SECONDARY
TR	TRAFFIC RATED COVER
UG	UNDERGROUND
URD	UNDERGROUND RESIDENTIAL DISTRIBUTION
V	SERVICE OR VOLT/VOLTAGE
VL	VOLTAGE DROP

## VICINITY MAP



## STAMPS

## CONTACT DIRECTORY

ALL FIELD CHANGES TO UTILITIES REQUIRE PRIOR APPROVAL IF NOT EXPRESSLY NOTED ON THESE DRAWINGS.					
ROLE	NAME	COMPANY	E-MAIL	TELEPHONE	
PROJECT MANAGER	SANDEEP BHATEJA	PG&E	SBB@PG&E.COM	925-459-6144	
ESTIMATOR	NICOLE GRISWOLD	CAMPOS EPC	NICOLE.GRISWOLD@CAMPOSEPC.COM	303-586-2119	
ADD	KIRK ROBLES	PG&E	KRR2@PG&E.COM	916-472-2184	
SUPERVISOR	GINA STAUFFER	PG&E	VEY1@PG&E.COM	916-472-2296	
PLANNER	-	-	-	-	

## FOREMAN NOTES

- ALL BACKFILL AND PAVEMENT RESTORATION WITHIN STREET FRANCHISE IS TO BE DONE IN ACCORDANCE WITH ISSUING AGENCY'S PERMIT REQUIREMENTS AND SPECIFICATIONS.
- PERMITS REQUIRE:  
CITY: ☐ RAILROAD ☐ CALTRANS ☐ S.C.V.W.D. ☐ S.C. COUNTY  
CITY: ☐
- SHOULD WORK BE SUSPENDED FOR ONE DAY OR MORE, NOTIFY CITY'S INSPECTOR'S OFFICE 24 HOURS PRIOR TO RESUMING WORK.
- 48 HOURS PRIOR TO BEGINNING WORK CALL "U.S.A." AT 811 TO HAVE EXISTING UTILITIES LOCATED.
- CORRECT ALL DIMENSIONS AND MATERIALS USED TO SHOW "AS BUILTS" CONDITION.
- MAPPING NOTE: ALL ADDRESSES HAVE BEEN CORRECTED ON THESE DRAWINGS.



INSTRUCTION DRAWING  
MOBILE HOME PARK  
3232 E MUNFORD AVE  
STOCKTON, CA

SHEET 1 of 2  
PLOT. NO. P-10069  
ELEC ORDER NO. 31166478  
HOLD NO. 39-0046

DATE 08/03/2017

PROJECT NO. 2501460861

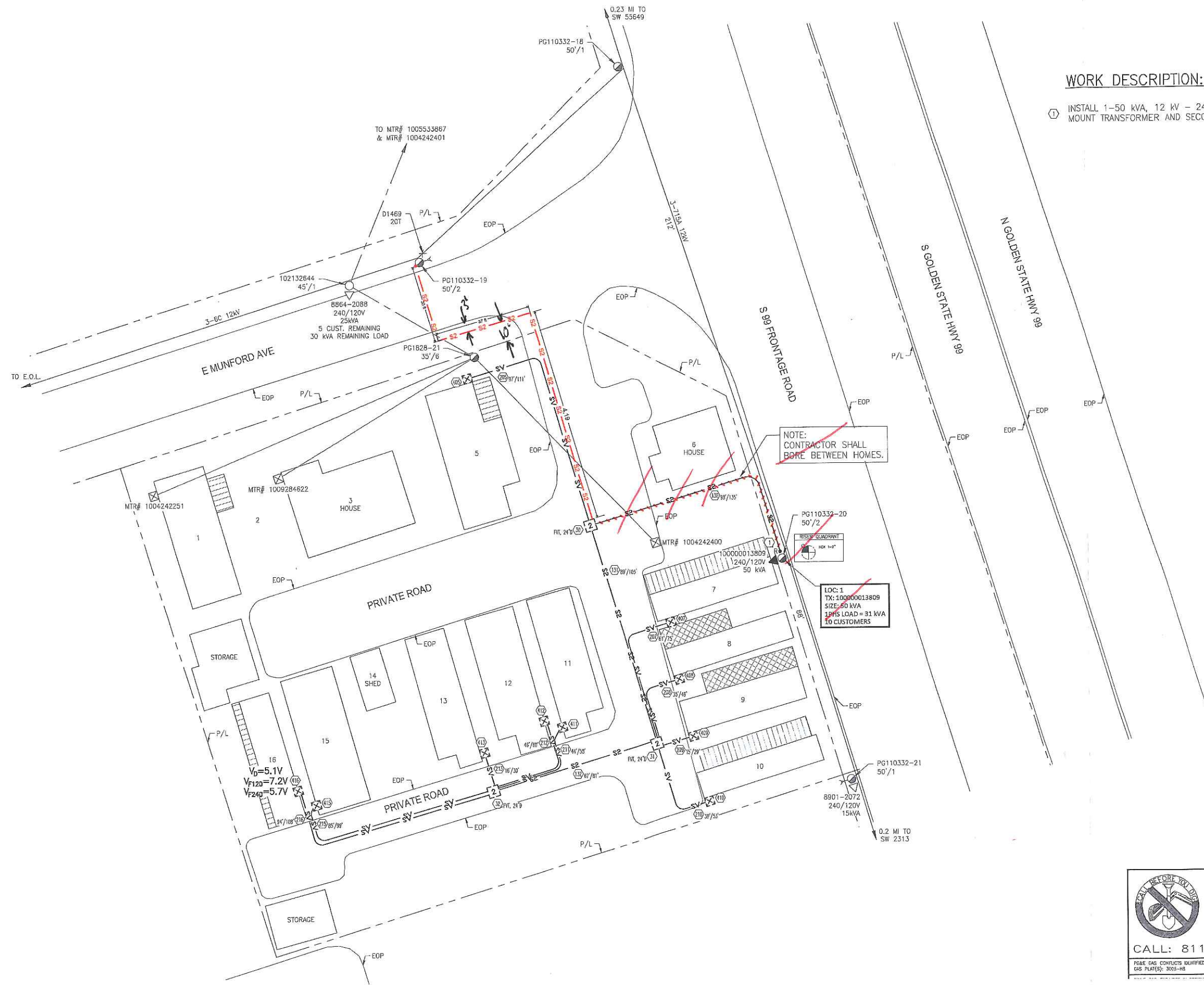
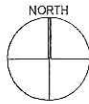
DO NOT SCALE THIS DRAWING. USE DIMENSIONS ONLY. ORIGINAL DRAWING SIZE 22"x34"

DRAWN BY: FDC  
DESIGN BY: NLG  
CHECKED BY: DC  
APPROVED BY: HA

CAMPOS | EPC  
1401 Blake Street, Stockton, CA 95202  
(209) 938-2300

REVISIONS  
NO. DESCRIPTION DATE  
0 INITIAL DESIGN 07/06/2017  
1 INITIAL DESIGN 07/07/2017  
A ISSUED FOR CONSTRUCTION 08/03/2017

PG&E



### WORK DESCRIPTION:

- ① INSTALL 1-50 KVA, 12 KV - 240/120V, 1Φ POLE MOUNT TRANSFORMER AND SECONDARY RISER

REVISIONS	
NO.	DESCRIPTION
0	INITIAL DESIGN
1	INITIAL DESIGN
A	ISSUED FOR CONSTRUCTION



DO NOT SCALE THIS DRAWING. USE DIMENSIONS ONLY. ORIGINAL DRAWING SIZE: 22"x34"

DRAWN BY:	FDC
DESIGN BY:	NLS
CHECKED BY:	DC
APPROVED BY:	HA
PROJECT NO.	2301460861



INSTRUCTION DRAWING  
MOBILE HOME PARK  
3232 E MUNFORD AVE  
STOCKTON, CA

SHEET	2 of 2
PROJ. NO.	P-10089
ELEC ORDER NO.	31166478
HOLD NO.	39-0046
DATE	08/03/2017

Underground Service Alert

TWO WORKING DAYS BEFORE YOU DIG

CALL: 811

PG&E HAS CONDUCTED IDENTIFIED FOR THIS AREA  
GAS PLAT(S): 3003-HS

All flaggers will communicate through hand signals and walkie talkies with one another

## SIGNS BEING USED

-  48X48" W3-4
-  48X48" C9A (CA)
-  48X48" W20-4
-  48X48" W20-1

For TCP questions call  
**City Rise Services @**  
209-400-7075

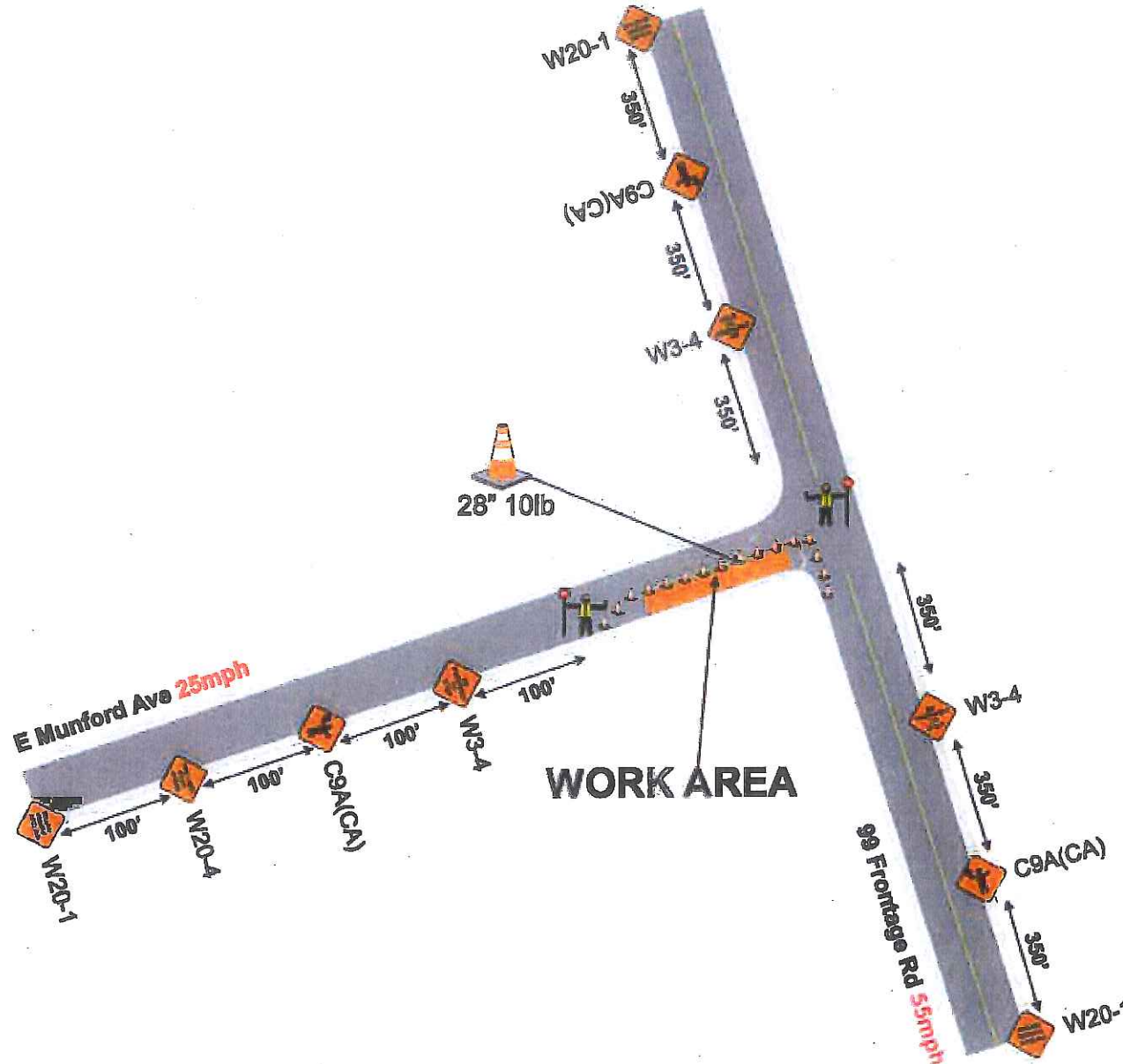
See **SPEC SHEET 2** for additional  
traffic control stipulations.

Pedestrian and Bicycle Access  
to remain **open at all times**.

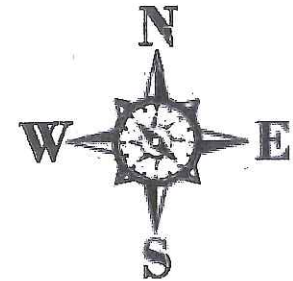
Traffic plan per CA MUTCD

**NOT TO SCALE**

**HOURS OF WORK SHALL BE DETERMINED BY THE COUNTY OF SAN JOAQUIN**



R30 24X24" Barricade  
mounted, placed on  
both sides of the street  
20' apart 72hrs prior  
to the start of work.



**ELEC**  
**PM# 31168289**

Owner <b>COUNTY OF SAN JOAQUIN</b>		
Project Location <b>3232 E Munford Ave</b>	Project City <b>Stockton, CA</b>	
Prime Contractor <b>PG&amp;E</b>	Traffic Control Contractor <b>City Rise Services, Inc.</b>	
Phone <b>209-333-0807</b>	Sheet Number <b>PS-1</b>	Date <b>09/28/2017</b>
Prepared by <b>CITY RISE SERVICES, INC</b>		

## **CLOSURE STIPULATIONS AND REQUIREMENTS THAT MUST BE FOLLOWED AT ALL TIMES**

### **DRIVEWAY ACCESS SHALL REMAIN OPEN OR ACCESSIBLE AT ALL TIMES**

- **All lane closures shall meet or exceed CA MUTCD 2014 specifications as well as conform to hours of work set forth by the County.**
- **All areas of work when encroaching upon sidewalk access OR pedestrian safety shall have the latest CA MUTCD 2014 Edition, Temporary Traffic Control, sidewalk closure detour detail in place to ensure pedestrian and public safety.**
- **Pedestrian traffic shall at all time have a minimum 4 feet wide area of travel.**
- **All open excavation areas shall be backfilled or trench plated prior to public usage.**
- **All closures set forth in this TCP are the minimum allowed on project, field conditions may change requiring further traffic safety devices or traffic control person to ensure safety of traveling public, pedestrians as well as work forces.**
- **All changes to ensure safety will be made immediately to ensure a safe environment for all parties.**
- **All traffic control devices, vehicles and personnel must be suited for the purpose intended as well as meet or exceed latest CA MUTCD 2014 Edition, Temporary Traffic Control requirements as well as County requirements.**
- **All Devices shall be removed when no longer required.**
- **All flaggers shall be certified and all intersections shall be flagged when required as shown on plans.**
- **If work is done at night or encroaches on the hours of darkness all road work ahead signs shall have a flashing beacon, light towers will be used for flaggers and work areas and all other latest CA MUTCD 2014 Edition, Temporary Traffic Control requirements shall be met or exceeded as well.**
- **NOT TO SCALE—SPACING OF SIGNS, TAPER AND TANGENTS WILL BE SPACED AS PER TABLE HAS SET FORTH AS GOVERNED BY TRAVEL SPEEDS.**
- **All traffic devices shall meet or exceed latest CA MUTCD 2014 Edition, Temporary Traffic Control. All signs shall be high intensity night time reflective, 48"x48" roll up signs. All signs shall have a minimum of 2, 18" day time flags attached to sign stands during day time hours and if applicable flashing 12", 12v beacons for night time work.**
- **Sign stands shall meet latest CA MUTCD 2014 Edition, Temporary Traffic Control, as well as allowing for 18" to 7' height for signs and spring equipped for windy conditions.**
- **All hours of work shall be dictated by the County specified lane closure charts or as directed by the County Inspector.**
- **Vehicle path of travel shall never be less than 12' in width. Closures and excavation not to exceed what forces expect to excavate per the daily shift.**
- **Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.**
- **All areas of excavation must have a valid USA dig tag with corresponding dig ticket number. Proof must be carried with the excavating forces at all times.**