COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

P.0. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1302250**
Date Issued: 08/21/2013
Exp. Date: 10/15/2013
Project No: PWP730052
Quad: CC

UE/CR/PM NO:PM30972597

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - SACRAMENTO
2730 GATEWAY OAKS DRIVE
SACRAMENTO, CA 95833

Encroachment Type:

Bore (over 6 inch Dia)	Trench	Bell Hole	

Location:
E/S OF WEBSTER AVE. 138' N/O CHRISTINA AVE.

In compliance with your request of **08/21/2013**, 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: $955.25

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permitee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-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 within the work herein permitted. If any are disturbed, the Permittee is required to tie out each location and re-establish them after completion of work, using a licensed land surveyor. A corner record must be filed in accordance with state law for any re-set monuments.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 08/07/13

To: San Joaquin County
Department of Public Works

Pacific Gas & Electric Company
(Applicant Name)

850 Stillwater Rd
(Mailing Address)

West Sacramento, CA, 95605
(City, State, Zip Code)

916-760-5363
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	PWP 730052-18	REF #	
APN		CR #	
EXP. DATE	10-1-2013		
VALID	9-15-2013 TO 10-15-2013	DRIVEWAYS:	
STREET	Webster Ave.	*	
AREA	Stockton QUAD CC	*	
TYPE	Bore & trench	*	
FORMS	SS/WW, R29		
NOTES			

Sketch (Detailed plans may be submitted)

New pole set on the east side of N Webster Ave between De Ovan Ave and Christina Ave in Stockton.

See Attached Sketch

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the east side of N Webster Ave approximately 138' feet/mile North of from Christina Ave, _____, by performing the following work (description of work):
Install new pole

Work will commence on or about 09/30/13 for approximately 5 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.

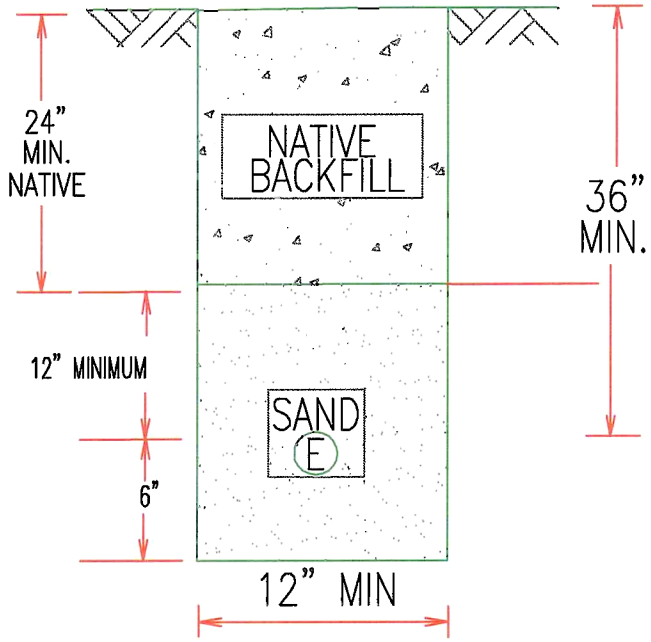
Michael Reeves
Signature of Applicant - Title

08/06/13
Date

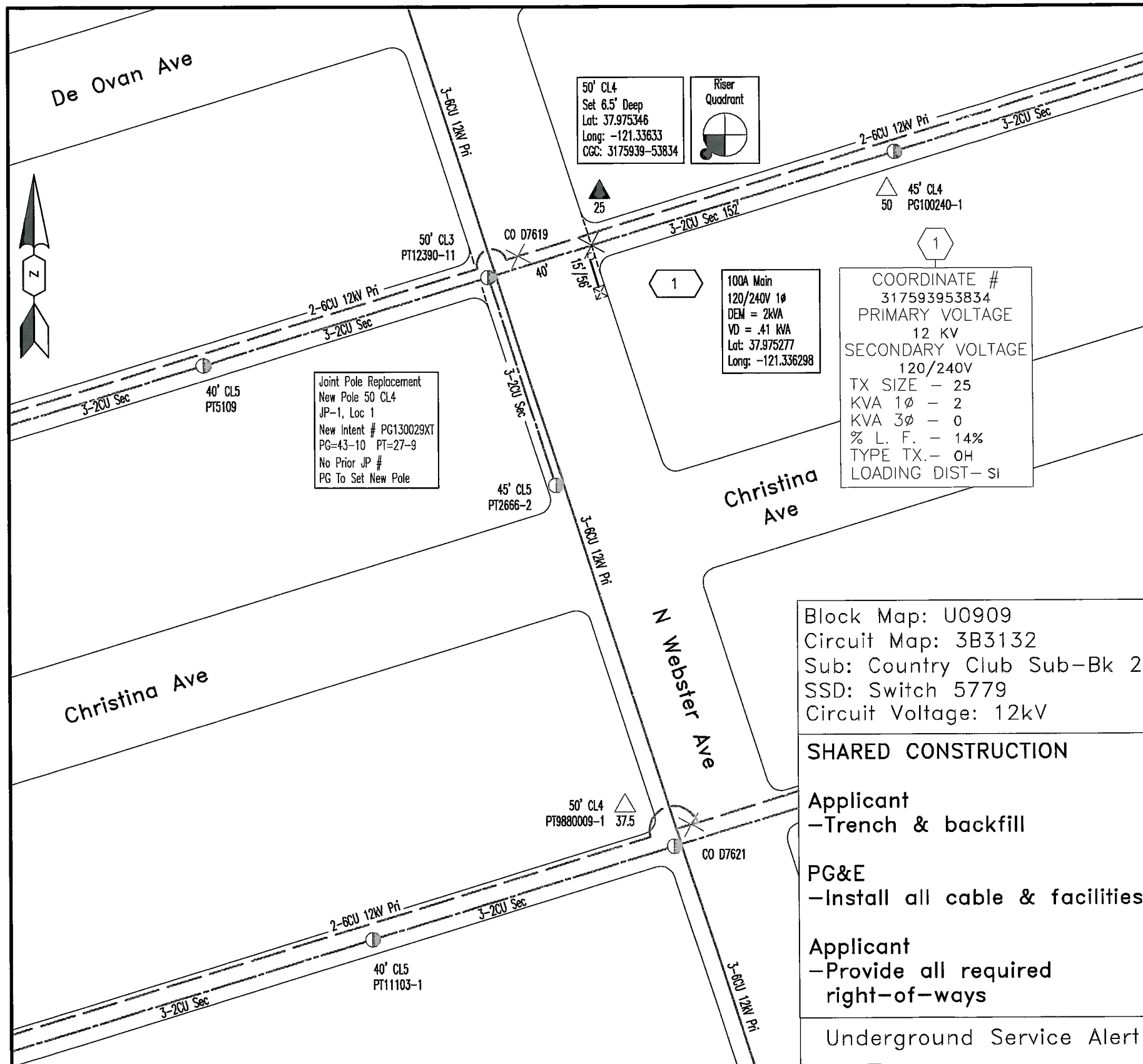
E:\PUB-SV.WK\MASTER.PS\ENCROACHMENT PERMIT APPLICATION.DOC (01/08)

Google
37.975346, -121.33633
avianfamilyguy@gmail.com
Share
3713 North Webster Avenue, Country Club, United States
Address is approximate
N Webster
Approx Location of new pole in grass area
AT&T Meter Location
Report a problem

PG&E ONLY TRENCH (DIRT/SHOULDER)



TYPICAL GAS MAIN TRENCH
ELECTRIC ONLY TRENCH



Block Map: U0909
Circuit Map: 3B3132
Sub: Country Club Sub-Bk 2
SSD: Switch 5779
Circuit Voltage: 12kV

SHARED CONSTRUCTION

Applicant
-Trench & backfill

PG&E
-Install all cable & facilities

Applicant
-Provide all required right-of-ways

Underground Service Alert

CALL BEFORE YOU DIG

Call: TOLL FREE

811

TWO WORKING DAYS BEFORE YOU DIG

****Construction Notes****

Lightspeed - PG&E to install new 50' CL4 tangent pole & 25kVA 1-phase OH transformer. PG&E to install service riser. Applicant to install 1-3" conduit 15' south to new electric meter location. PG&E to install 1/0A TPX service to new electric meter. Applicant to provide all required right-of-ways, easements, and envrionmental screening.

LEGEND

— SV —	SERVICE CABLE - 1/0 AL TPX IN 3" CONDUIT
⊠	AT&T SERVICE PEDESTAL, METER
○	2" RISER - SEE RISER QUADRANT
▲	OH TRANSFORMER

NOTES:

REFER TO ELECTRIC & GAS SERVICE REQUIREMENTS (GREEN BOOK) OR SEPARATE PG&E STANDARD DRAWINGS. CONTACT YOUR PG&E REPRESENTATIVE FOR COPIES, OR ACCESS www.pge.com/greenbook

CONDUIT, TRENCHING, AND BACKFILL:

1) ALL DIMENSIONS AND LOCATIONS ARE ESTIMATED, APPROXIMATE AND MAY BE SUPERSEDED BY A JOINT TRENCH DRAWING. REFER TO THE JOINT TRENCH COMPOSITE DRAWING FOR EXACT TRENCH LOCATION

2) MAINTAIN MAXIMUM PRACTICABLE HORIZONTAL CLEARANCE BETWEEN PG&E FACILITIES AND "WET" UTILITIES (WATER, SEWER, STORM DRAIN, ETC.). THE MIN. ALLOWABLE SEPARATION BETWEEN PG&E FACILITIES AND ANY PARALLEL "WET" UTILITY IS 3/FT. WITH A PRESENCE OF 1/FT. OF UNDISTURBED EARTH OR THE INSTALLATION OF A SUITABLE BARRIER. THIS MEASUREMENT IS BETWEEN THE OUTER EDGE OF THE PG&E FACILITY AND THE OUTER EDGE OF THE PARALLEL "WET" FACILITY. IF 3/FT. CANNOT BE MAINTAINED, A FORMAL VARIANCE MUST BE OBTAINED FROM PG&E WORK WITH THE PG&E INSPECTOR (REFERENCE PG&E UO STANDARD S5453).

3) BOX, PAD, AND CONDUIT SIZES AND LOCATIONS SHALL CONFORM TO THE PG&E ELECTRIC CONSTRUCTION DRAWING.

4) PROVIDE LONG CONDUIT SWEEPS WHERE INDICATED. RECOMMENDED SWEEP RADIUS (10' OF RADIUS PER INCH OF CONDUIT DIAMETER) EXAMPLE: 4" CONDUIT = 40' RADIUS

5) DO NOT EXCEED 330 DEGREES OF BENDS IN ANY CONDUIT RUN (INCLUDING FEED LOCATION).

6) MANUFACTURED BENDS OR APPLICATION OF HEAT SHALL NOT BE USED TO OBTAIN LONG CONDUIT SWEEPS.

7) ALL CONDUITS SHALL BE PROVEN AND A POLYESTER PULLING TAPE INSTALLED.

8) MANUFACTURED BENDS ARE NOT TO BE CUT, SHORTENED, OR ALTERED IN ANY WAY.

9) IDENTIFY ENDS OF BURIED CONDUIT WITH AN ELECTRONIC MARKER AND A VERTICAL CONDUIT SCRAP INSTALLED FROM RIGID CAP TO GROUND LEVEL.

10) CONDUITS ENTERING PRIMARY BOXES SHALL BE AT A RIGHT ANGLE TO THE WINDOW OR WALL.

11) STUB CONDUITS AT RISER POLES IN QUADRANTS AS SHOWN. AT IDENTIFIED POLE LOCATIONS, THE TRENCHING AGENT IS TO EXCAVATE TO TRENCH DEPTH AND INSTALL A 30" DIAMETER CARDBOARD TUBE. THE RISER CONDUIT BEND IS TO BE PLACED OUTSIDE AND ADJACENT TO THE TUBE AT THE POLE QUADRANT INDICATED. BACKFILL AROUND AND INSIDE TUBE WITH CLEAN NATIVE FILL.

12) LS2 STREET LIGHT CONDUIT GOING TO PG&E BOXES OR PEDESTALS NOT DESIGNATED AS P.O.S. (INCLUDING TRANSFORMERS) WILL NOT BE ACCEPTED OR CONNECTED.

13) ONLY ONE LS2 STREET LIGHT (P.O.S.) CONNECTION PER BOX OR PEDESTAL.

LAND RIGHTS AND EASMENTS:

14) APPLICANT TO PROVIDE ADEQUATE P.U.E'S AND/OR ROW'S FOR PG&E FACILITIES. ANY ADDITIONAL REQUIRED RIGHTS OF WAY ARE TO BE SURVEYED AND DOCUMENTED BY PG&E AT THE APPLICANT'S EXPENSE.

SAFETY AND WORKMANSHIP:

15) NOTIFY USA (811) 48 HOURS PRIOR TO DIGGING FOR UNDERGROUND LOCATING.

16) 48 HOUR NOTICE REQUIRED FOR UNDERGROUND INSPECTION.

17) MATERIALS AND WORKMANSHIP SHALL BE FIRST QUALITY IN EVERY RESPECT, PLUMB AND TRUE, AND ACCORDING TO THE SPECIFIC REQUIREMENTS OF THE DRAWINGS AND THE ABOVE APPLICABLE NOTES AND SPECIFICATIONS.

18) THE APPLICANT IS TO VERIFY ALL PROPOSED INSTALLATIONS, CONDITIONS & SPECIFICATIONS PRIOR TO COMMENCING WITH ANY PORTION OF WORK. ANY DISCREPANCIES, DELETIONS OR INCONSISTENCIES ARE TO BE REPORTED TO THE PG&E REPRESENTATIVE IMMEDIATELY. THE APPLICANT SHALL COMPLY WITH ALL APPLICABLE SPECIFICATIONS. ANY VARIATIONS FROM PLANS OR SPECIFICATIONS RELIEVES PG&E OF ALL RESPONSIBILITY FOR THE SUBSTRUCTURE OR DESIGN.

PROJECT CONDITIONS STAMP

Type(s) of Work:

- [X] New Business
- [ ] PG&E Maintenance & Construction

Project Conditions:

- [X] NONE APPARENT (if project design changes, contact ADE)
  or
- [ ] CONDITIONS APPLY:
  - [ ] PERMITS [ ] TAILBOARD [ ] OTHER
  (Provide additional information on line below)

BY: _____
SIGNATURE, NAME, [CORPORATE ID], DATE

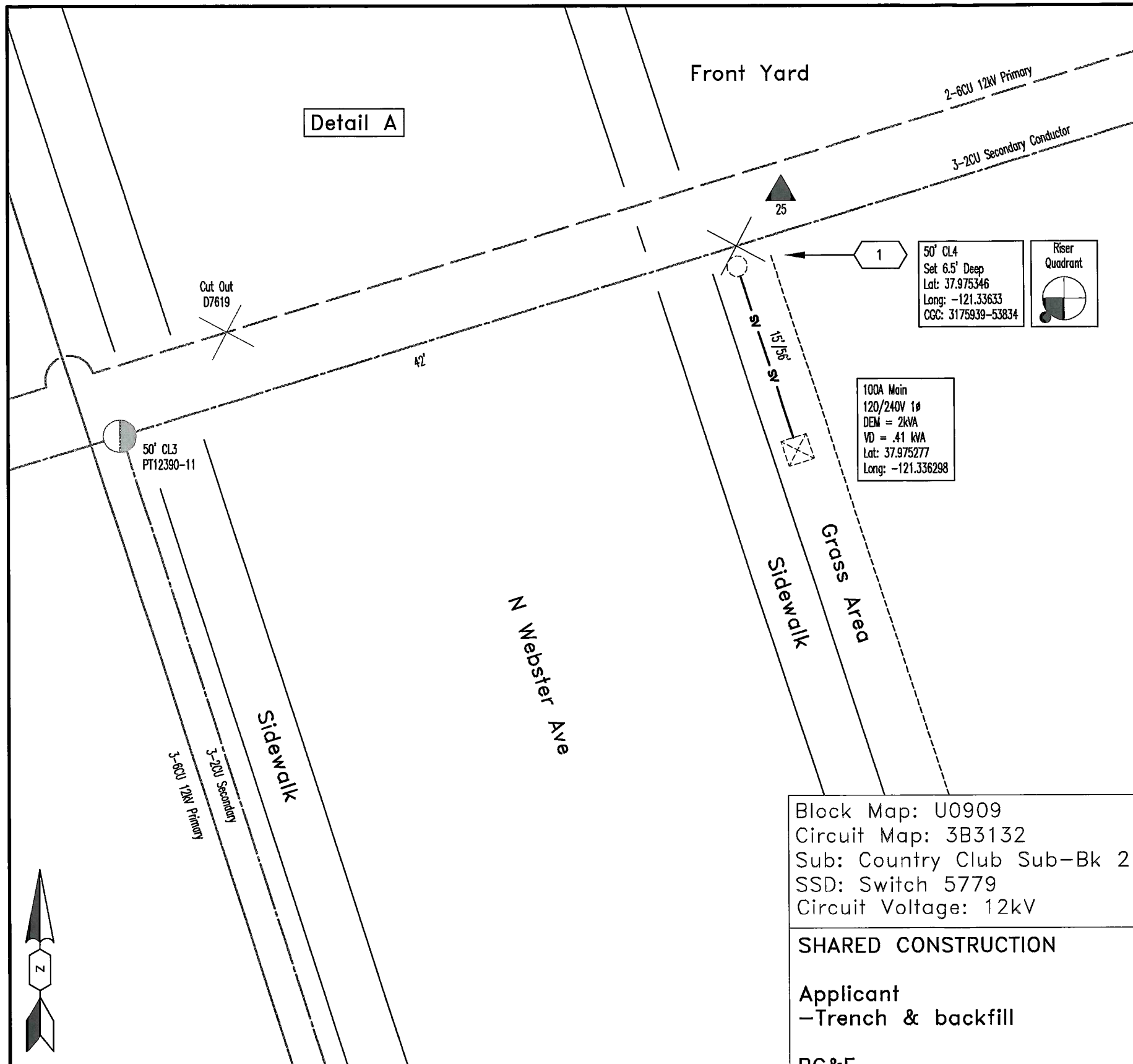
CO:	
SD:	
NOTIF.: 106634931	
OTHER:	
SHT: 1 of 1	SHEETS
PM: 30972597	REV. 0

Electric Construction Drawing

New Business
AT&T Services Inc #8925840
2405 Christina Ave, Stockton

PACIFIC GAS AND ELECTRIC COMPANY

EST: M Reeves 916-760-5363	
ADE: M Scott 916-760-2961	
SUPV: K Robles 916-760-1943	
REP: J Betancourt 209-932-6574	
PLNR: NA	
SCALE: NTS	DATE: 02/08/13



LEGEND

— SV —	SERVICE CABLE – 1/0 AL TPX IN 3" CONDUIT
⊠	AT&T SERVICE PEDESTAL, METER
○	2" RISER – SEE RISER QUADRANT
▲	OH TRANSFORMER

45'
50' CL4
PG100240-1

NOTES:

REFER TO ELECTRIC & GAS SERVICE REQUIREMENTS (GREEN BOOK) OR SEPARATE PG&E STANDARD DRAWINGS. CONTACT YOUR PG&E REPRESENTATIVE FOR COPIES, OR ACCESS www.pge.com/greenbook

CONDUIT, TRENCHING, AND BACKFILL:

1) ALL DIMENSIONS AND LOCATIONS ARE ESTIMATED, APPROXIMATE AND MAY BE SUPERSEDED BY A JOINT TRENCH DRAWING. REFER TO THE JOINT TRENCH COMPOSITE DRAWING FOR EXACT TRENCH LOCATION

2) MAINTAIN MAXIMUM PRACTICABLE HORIZONTAL CLEARANCE BETWEEN PG&E FACILITIES AND "WET" UTILITIES (WATER, SEWER, STORM DRAIN, ETC.). THE MIN. ALLOWABLE SEPARATION BETWEEN PG&E FACILITIES AND ANY PARALLEL "WET" UTILITY IS 3/FT. WITH A PRESENCE OF 1/FT. OF UNDISTURBED EARTH OR THE INSTALLATION OF A SUITABLE BARRIER. THIS MEASUREMENT IS BETWEEN THE OUTER EDGE OF THE PG&E FACILITY AND THE OUTER EDGE OF THE PARALLEL "WET" FACILITY. IF 3/FT. CANNOT BE MAINTAINED, A FORMAL VARIANCE MUST BE OBTAINED FROM PG&E WORK WITH THE PG&E INSPECTOR (REFERENCE PG&E UO STANDARD S5453).

3) BOX, PAD, AND CONDUIT SIZES AND LOCATIONS SHALL CONFORM TO THE PG&E ELECTRIC CONSTRUCTION DRAWING.

4) PROVIDE LONG CONDUIT SWEEPS WHERE INDICATED. RECOMMENDED SWEEP RADIUS (10' OF RADIUS PER INCH OF CONDUIT DIAMETER) EXAMPLE: 4" CONDUIT = 40' RADIUS

5) DO NOT EXCEED 330 DEGREES OF BENDS IN ANY CONDUIT RUN (INCLUDING FEED LOCATION).

6) MANUFACTURED BENDS OR APPLICATION OF HEAT SHALL NOT BE USED TO OBTAIN LONG CONDUIT SWEEPS.

7) ALL CONDUITS SHALL BE PROVEN AND A POLYESTER PULLING TAPE INSTALLED.

8) MANUFACTURED BENDS ARE NOT TO BE CUT, SHORTENED, OR ALTERED IN ANY WAY.

9) IDENTIFY ENDS OF BURIED CONDUIT WITH AN ELECTRONIC MARKER AND A VERTICAL CONDUIT SCRAP INSTALLED FROM RIGID CAP TO GROUND LEVEL.

10) CONDUITS ENTERING PRIMARY BOXES SHALL BE AT A RIGHT ANGLE TO THE WINDOW OR WALL.

11) STUB CONDUITS AT RISER POLES IN QUADRANTS AS SHOWN. AT IDENTIFIED POLE LOCATIONS, THE TRENCHING AGENT IS TO EXCAVATE TO TRENCH DEPTH AND INSTALL A 30" DIAMETER CARDBOARD TUBE. THE RISER CONDUIT BEND IS TO BE PLACED OUTSIDE AND ADJACENT TO THE TUBE AT THE POLE QUADRANT INDICATED. BACKFILL AROUND AND INSIDE TUBE WITH CLEAN NATIVE FILL

12) LS2 STREET LIGHT CONDUIT GOING TO PG&E BOXES OR PEDESTALS NOT DESIGNATED AS P.O.S. (INCLUDING TRANSFORMERS) WILL NOT BE ACCEPTED OR CONNECTED.

13) ONLY ONE LS2 STREET LIGHT (P.O.S.) CONNECTION PER BOX OR PEDESTAL.

LAND RIGHTS AND EASMENTS:

14) APPLICANT TO PROVIDE ADEQUATE P.U.E'S AND/OR ROW'S FOR PG&E FACILITIES. ANY ADDITIONAL REQUIRED RIGHTS OF WAY ARE TO BE SURVEYED AND DOCUMENTED BY PG&E AT THE APPLICANT'S EXPENSE.

SAFETY AND WORKMANSHIP:

15) NOTIFY USA (811) 48 HOURS PRIOR TO DIGGING FOR UNDERGROUND LOCATING.

16) 48 HOUR NOTICE REQUIRED FOR UNDERGROUND INSPECTION.

17) MATERIALS AND WORKMANSHIP SHALL BE FIRST QUALITY IN EVERY RESPECT, PLUMB AND TRUE, AND ACCORDING TO THE SPECIFIC REQUIREMENTS OF THE DRAWINGS AND THE ABOVE APPLICABLE NOTES AND SPECIFICATIONS.

18) THE APPLICANT IS TO VERIFY ALL PROPOSED INSTALLATIONS, CONDITIONS & SPECIFICATIONS PRIOR TO COMMENCING WITH ANY PORTION OF WORK. ANY DISCREPANCIES, DELETIONS OR INCONSISTENCIES ARE TO BE REPORTED TO THE PG&E REPRESENTATIVE IMMEDIATELY. THE APPLICANT SHALL COMPLY WITH ALL APPLICABLE SPECIFICATIONS. ANY VARIATIONS FROM PLANS OR SPECIFICATIONS RELIEVES PG&E OF ALL RESPONSIBILITY FOR THE SUBSTRUCTURE OR DESIGN.

PROJECT CONDITIONS STAMP

Type(s) of Work:

- [X] New Business
- [ ] PG&E Maintenance & Construction

Project Conditions:

- [X] NONE APPARENT (if project design changes, contact ADE)

or

- [ ] CONDITIONS APPLY:
  - [ ] PERMITS [ ] TAILBOARD [ ] OTHER

(Provide additional information on line below)

BY: _____

SIGNATURE, NAME, [CORPORATE ID], DATE

Block Map: U0909
Circuit Map: 3B3132
Sub: Country Club Sub-Bk 2
SSD: Switch 5779
Circuit Voltage: 12kV

SHARED CONSTRUCTION

Applicant
–Trench & backfill

PG&E
–Install all cable & facilities

Applicant
–Provide all required right-of-ways

****Construction Notes****

Lightspeed – PG&E to install new 50' CL4 tangent pole & 25kVA 1-phase OH transformer. PG&E to install service riser. Applicant to install 1-3" conduit 15' south to new electric meter location. PG&E to install 1/0A TPX service to new electric meter. Applicant to provide all required right-of-ways, easements, and envrionmental screening.

Underground Service Alert

Call: TOLL FREE

811

TWO WORKING DAYS BEFORE YOU DIG

CO:
SD:
NOTIF.: 106634931
OTHER:
SHT: 1 of 1
SHEETS
PM: 30972597
REV. 0

Electric Construction Drawing

New Business
AT&T Services Inc #8925840
2405 Christina Ave, Stockton

PACIFIC GAS AND ELECTRIC COMPANY

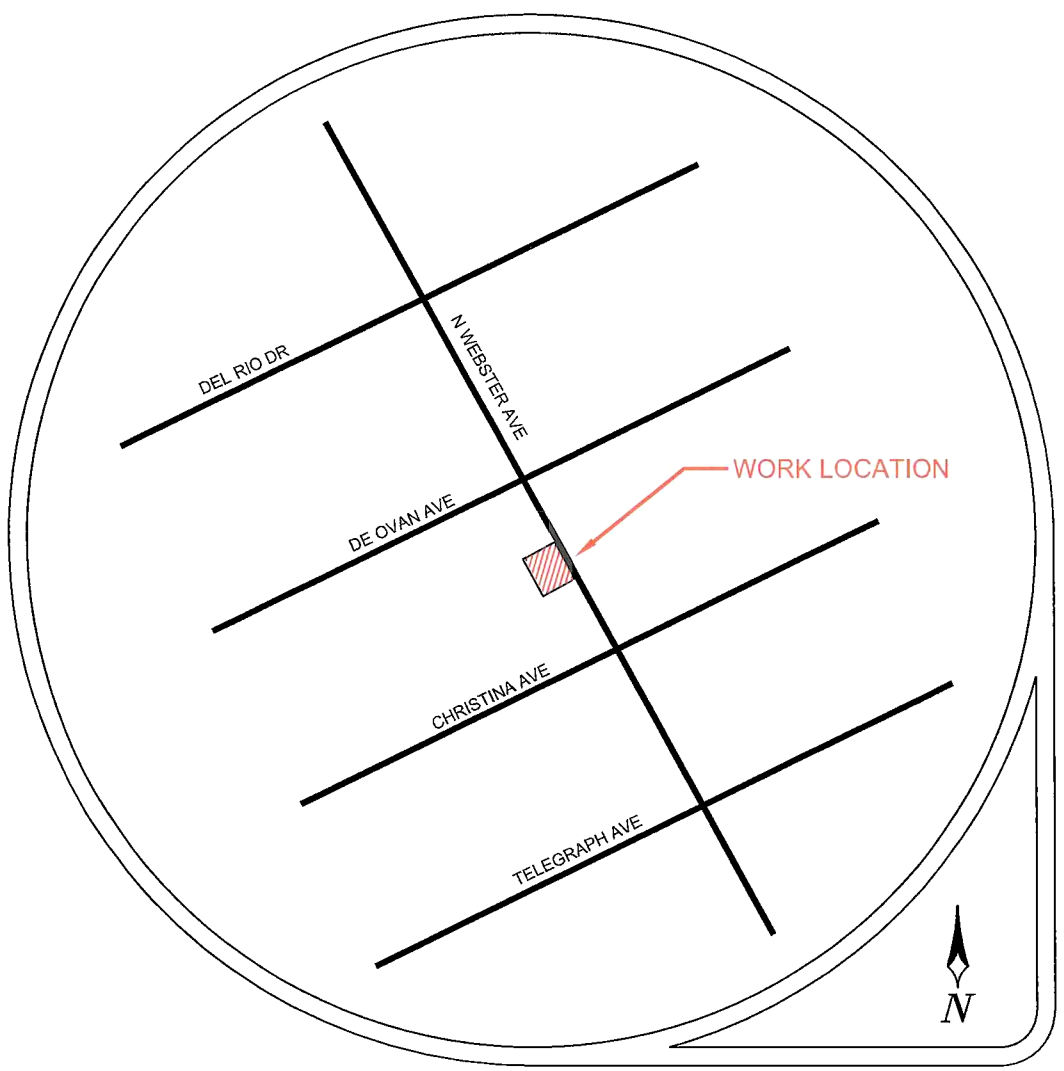
EST: M Reeves 916-760-5363
ADE: M Scott 916-760-2961
SUPV: K Robles 916-760-1943
REP: J Betancourt 209-932-6574
PLNR: NA
SCALE: NTS
DATE: 02/08/13

TRAFFIC CONTROL PLANS

2405 CHRISTINA AVE

STOCKTON, CALIFORNIA

PM30972597



LOCATION MAP

CONTRACTOR

Pacific Gas and Electric Company

CONTACT MIKE REEVES

PHONE# (916) 760-5363

WORKING HOURS 800AM-400PM MON-FRI

CONSULTANT

ALMENDARIZ CONSULTING INC

ALMENDARIZ CONSULTING, INC.
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE
(888) 768-7022 FAX
CA C31 LIC #979806

REVISIONS			
REV.	DESCRIPTION	BY	DATE

PROJECT NO. 13136
DRAWN CAA
DESIGNED MAA
CHECKED MAA

DATE
FEBRUARY 18, 2013

SHEET COVER

GENERAL NOTES

1. NOTHING ALLOWED IN THE BUFFER AND TRANSITION AREAS AT ALL TIMES.
2. SIGNS ARE ONLY SHOWING TO THE PUBLIC WHEN IN USE.
3. SIGNS AND CHANNELIZING DEVICES MUST BE RETROREFLECTIVE OR ILLUMINATED DURING NIGHT OPERATIONS.
4. SIGN PANEL SIZES: 36"X36" MIN. ON ROADS <50mph, 48"x48" ON ROADS ≥ 50mph.
5. SIGNS ARE SPACED PER THE CA 2012 MUTCD.
6. CHANNELIZING DEVICES SPACING AND TAPER LENGTHS ARE BASED ON THEIR RESPECTIVE CHARTS. (SEE CHARTS THIS PAGE)
7. NOTIFY THE LOCAL LAW ENFORCEMENT, FIRE, AND AMBULANCE COMPANIES WITHIN 72 HOURS BEFORE CONSTRUCTION BEGINS.
8. CONTRACTOR TO MAKE SURE ALL TRAFFIC CONTROL EQUIPMENT MEETS ALL AGENCY REQUIREMENTS.
9. REMOVE ALL CONFLICTING MARKINGS FOR LONG TERM OPERATIONS (3 DAYS OR LONGER).
10. THE LOCATION OF THE SIGNS AS SHOWN ON THE ILLUSTRATIONS ARE GUIDELINES AND ACTUAL LOCATIONS WILL DEPEND UPON ALIGNMENT, GRADE, LOCATION OF STREET INTERSECTIONS AND 85% TILE/POSTED SPEED LIMITS/OR PRIMA FACIE.
11. WHILE CROSSING INTERSECTIONS DURING MOBILE WORK, WORK MUST FOLLOW THE FLOW OF TRAFFIC AND PROCEED ON A GREEN LIGHT.
12. FULL COMPLIANCE IS REQUIRED WITH THE COUNTY AGENCY.(AFFECTS NOTES #20 THRU 22, BELOW)
13. PEDESTRIAN ACCESS BE MAINTAINED AS PER THE CA 2012 MUTCD STANDARDS AND ADA REQUIREMENTS.
14. C30 SIGNS ARE PERMITTED IN BUFFER AREAS.
15. SIGN SPACING IS PROVIDED IN THE CA 2012 MUTCD EDITION, PART 6. TRAFFIC SPEEDS ARE BASED UPON RADAR MEASUREMENTS OF MOTORISTS. THE MUTCD ALLOWS FOR A "RANGE" IN SIGN PLACEMENT AND WILL BE PROVIDED BY DOT. THE 85% TILE IS USED WHEN AVAILABLE TO PROVIDE A MORE ACCURATE REPRESENTATION OF MOTORISTS SPEEDS.
16. ANY WORK WITHIN 200 FT OF A SIGNALIZED INTERSECTION WILL REQUIRE CONTACT AND COORDINATION WITH COUNTY AGENCY PRIOR TO ANY WORK.
17. QUALITY STANDARD TO MEET REQUIREMENTS OF SECTION 1A-2 OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
18. ALL TRAFFIC CONTROL DEVICES INCLUDING: SIGNS, BARRICADES, VERTICAL PANELS, DRUMS, WARNING LIGHTS, ARROWBOARDS, CHANGEABLE MESSAGE SIGNS, CONES AND TUBULAR MARKERS THAT MEET THE REQUIREMENTS OF AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA). "CA MUTCD 2012" SHALL BE USED ON THIS PROJECT/THIS WORK.
19. THE NCHRP REPORT 476 PROVIDES GUIDELINES FOR DESIGN AND OPERATION OF NIGHTTIME TRAFFIC CONTROL FOR HIGHWAY MAINTENANCE AND CONSTRUCTION. SEE TYPICAL APPLICATIONS NWTA-1 THROUGH NWTA-7. COMPLY WITH ANSI 107-2004 FOR APPAREL. HIGHWAY CONSTRUCTION WORK LIGHTING SHALL BE PER CONSTRUCTION SAFETY ORDER 1523 (CALIFORNIA CODE OF REGULATIONS TITLE 8, DIVISION1, CHAPTER 4, SUBCHAPTER 4, ARTICLE 3, SECTION 1523 - ILLUMINATIONS).
20. SIDEWALKS AT THE CONSTRUCTION LOCATION MAY BE CLOSED WITH ADEQUATE DETOURS. SIDEWALKS MAY ONLY BE CLOSED TO THROUGH TRAFFIC AND SHALL NOT PREVENT LOCAL PEDESTRIANS ACCESS. DETOURS SHALL NOT INCREASE THE PATH OF TRAVEL BY MORE THAN 500 FT. DETOUR ROUTES SHALL BE LIMITED TO EXISTING SIDEWALKS, PRIVATE PROPERTIES (SEE BELOW REQUIREMENTS) AND CROSSINGS AT ROADWAY INTERSECTIONS. TO THE MAXIMUM EXTENT FEASIBLE, THE ALTERNATE CIRCULATION PATH SHALL BE PROVIDED ON THE SAME SIDE OF THE STREET AS THE DISRUPTED ROUTE. WHERE IT IS FEASIBLE TO PROVIDE A SAME-SIDE ALTERNATE CIRCULATION PATH AND PEDESTRIANS WILL BE DETOURED. SECTION 6D.02 OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS CA 2012 MUTCD EDITION, SPECIFIES THAT THE ALTERNATE PATH PROVIDE A SIMILAR LEVEL OF ACCESSIBILITY TO THAT OF THE EXISTING DISRUPTED ROUTE . THIS MAY INCLUDE THE INCORPORATION OF ACCESSIBLE PEDESTRIAN SIGNALS (APS), CURB RAMPS, OR OTHER ACCESSIBILITY FEATURES.
21. PEDESTRIANS MAY BE DETOURED ONTO PRIVATE PROPERTY ONLY IF WRITTEN PERMISSION FROM THE PROPERTY OWNER IS OBTAINED ALONG WITH DOCUMENTATION INDICATING THAT THE COUNTY WOULD NOT BE LIABLE (HOLD HARMLESS) IN THE EVENT OF AN ACCIDENT.
22. DURING WORK HOURS, AT LEAST ONE WORKER SHALL BE ASSIGNED WITH THE RESPONSIBILITY TO ESCORT ELDERLY, DISABLED OR ANY OTHER PEDESTRIANS IN NEED OF ASSISTANCE THROUGH THE CONSTRUCTION SITE. A WORKER ASSIGNED WITH THIS RESPONSIBILITY MAY ALSO PARTICIPATE IN OTHER CONSTRUCTION ACTIVITIES; HOWEVER, THE ASSIGNED WORKER SHALL BE AWARE OF HIS OR HER RESPONSIBILITIES FOR PROVIDING THIS ASSISTANCE. MEASURES THAT SIMPLY CLOSE THE SIDEWALK, WITH THE EXCEPTION THAT PEDESTRIANS WILL CROSS SOMEWHERE ELSE DOES NOT ADEQUATELY SATISFY PEDESTRIAN ACCESS. PEDESTRIANS SHOULD NEVER BE DIRECTED/ EXPECTED TO CROSS A MULTI-LANE ROADWAY AT ANY LOCATION OTHER THAN AT A SIGNAL (OR ALL-WAY STOP). ACCOMMODATIONS SHOULD BE MADE ON THE SAME SIDE OF ROADWAY AS WORK.

TABLES CHART - MUTCD

Posted Speed	Taper (L) Formula	Buffer Space	Minimum Taper Lengths 10' Offset L Merge	10' Offset 1/2 L Shift	10' Offset 1/3 L Shoulder	11' Offset L Merge	11' Offset 1/2 L Shift	11' Offset 1/3 L Shoulder	12' Offset L Merge	12' Offset 1/2 L Shift	12' Offset 1/3 L Shoulder	Maximum *Cone Spacing @ Taper	@ Tangent	@ Conflict	Sign Spacing
25	$L = \frac{WS^2}{60}$	155'	104'	52'	35'	115'	57'	38'	125'	63'	42'	25'	50'	12'	100' - 200'
30		200'	150'	75'	50'	165'	83'	55'	180'	90'	60'	30'	60'	15'	120' - 240'
35		250'	204'	102'	68'	225'	112'	75'	245'	123'	82'	35'	70'	17'	140' - 280'
40		305'	267'	133'	89'	293'	147'	98'	320'	160'	107'	40'	80'	20'	160' - 320'
45	L = WS	360'	450'	225'	150'	495'	248'	165'	540'	270'	180'	45'	90'	22'	360' - 540'
50		425'	500'	250'	167'	550'	275'	183'	600'	300'	200'	50'	100'	25'	400' - 600'
55		495'	550'	275'	183'	605'	303'	202'	660'	330'	220'	55'	110'	27'	440' - 660'
60		570'	600'	300'	200'	660'	330'	220'	720'	360'	240'	60'	120'	30'	480' - 720'
65		645'	650'	325'	217'	715'	358'	238'	780'	390'	260'	65'	130'	32'	520' - 780'
70		730'	700'	350'	233'	770'	385'	257'	840'	420'	280'	70'	140'	35'	560' - 840'

Both are based on.
1.) 85th % Tile or if not available, then use Posted Speed Limit (PSL)

L = Taper Length
S = Speed
W = Width (Offset from path of travel

*Cones shown on the templates are illustration purposes only. Exact number of cones required shall be based on cone spacing, taper lengths, actual field conditions, etc..

CA MUTCD 2012 TABLE 6C-1

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

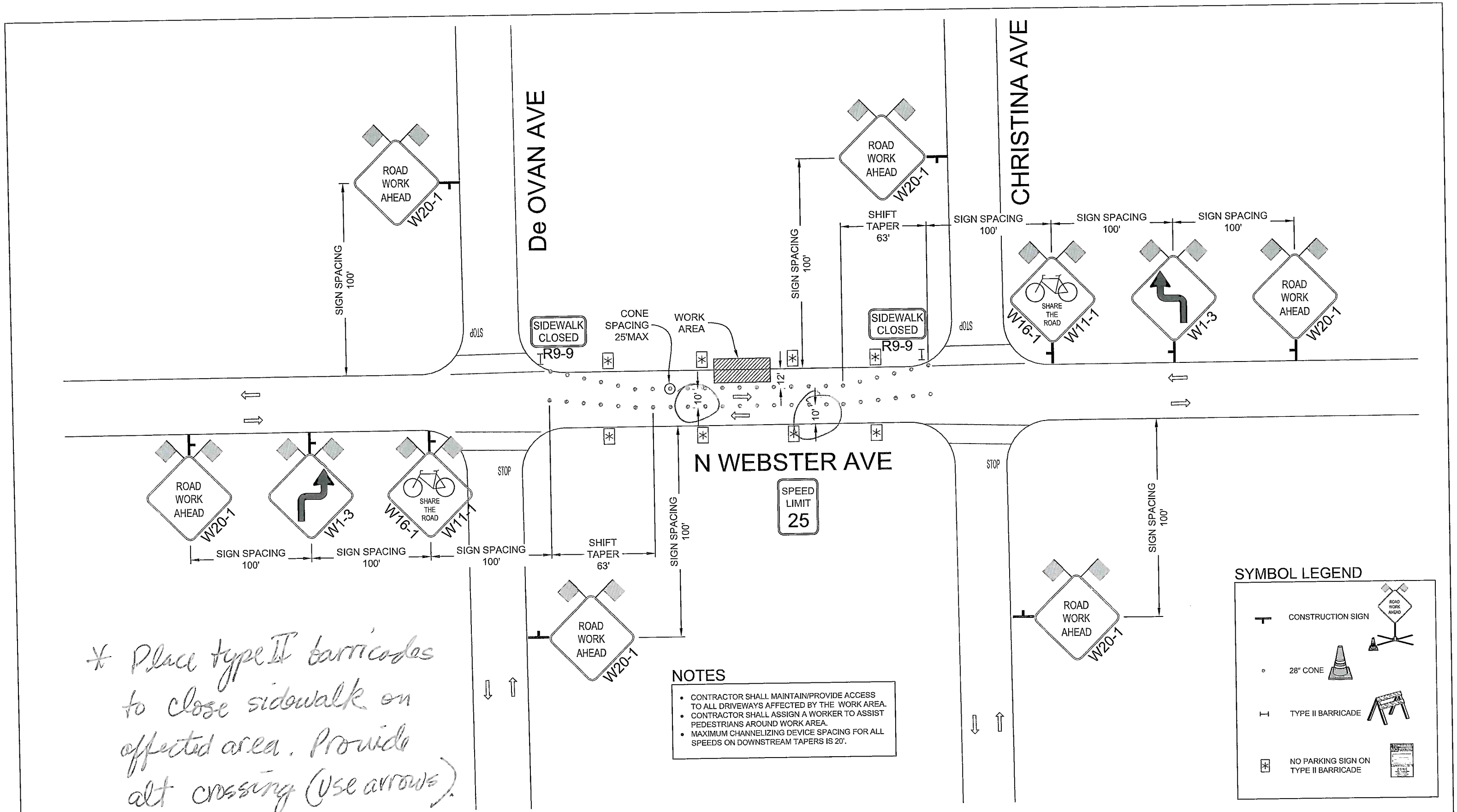
ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
URBAN (LOW SPEED) - 25 MPH OR LESS	100 FEET	100 FEET	100 FEET
URBAN (LOW SPEED) - MORE THAN 25 MPH TO 40 MPH	250 FEET	250 FEET	250 FEET
URBAN (HIGH SPEED) - MORE THAN 40 MPH	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY / FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

REVISIONS			
REV.	DESCRIPTION	BY	DATE

PROJECT NO. 13136
DRAWN CAA
DESIGNED MAA
CHECKED MAA

DATE
FEBRUARY 18, 2013

SHEET NOTES



REVISIONS			
REV.	DESCRIPTION	BY	DATE

PM30972597

ROADS < 50 MPH: MINIMUM 36" SIGN PANELS (48" SIGNS MAY BE USED)

ROADS ≥ 50 MPH: MINIMUM 48" SIGN PANELS

ALMENDARIZ CONSULTING INC
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX
CA C31 LIC #979806

LOCATION 2405 CHRISTINA AVE, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT MIKE REEVES
PHONE# (916) 760-5363
WORKING HOURS 800AM-400PM MON-FRI

PROJECT NO. 13136
DRAWN CAA
DESIGNED MAA
CHECKED MAA

DATE
FEBRUARY 18, 2013

SHEET NO. 1 OF 1