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-1300785**
Date Issued: 03/21/2013
Exp. Date: 07/15/2013
Project No: PWP730052
Quad: SE

UE/CR/PM NO:30903338

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - FRESNO
P.O. BOX 3031
FRESNO, CA 93720

Encroachment Type:

Pole Replacements &	Maintenance		

Location:
E/S OF NEWCASTLE RD. S/O STOCKTON CITY LIMIT LINE

In compliance with your request of **03/21/2013** , 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

Est. Permit Fee: $1,300.00

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

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

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 09/19/12

To: San Joaquin County
Department of Public Works

PG&E

(Applicant Name)

8 RIVER PARK PLACE EAST

(Mailing Address)

FRESNO, CA, 93720

(City, State, Zip Code)

(559) 347-5051

(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	130052-5	REF #	
APN		CR #	
EXP. DATE	7/15/13		
VALID	4/15/13 TO 7/15/13	DRIVEWAYS:	
STREET	NEWCASTLE RD.		
AREA	STOCKTON QUAD 5E		
TYPE	POLE REPLACEMENTS, MAINTENANCE WORK		
FORMS	SB/WW		
NOTES			

Sketch (Detailed plans may be submitted)

SEE ATTACHED SKETCH. WORK TO BE DONE ON NEWCASTLE RD SOUTH OF ARCH RD FOR 1.5 MILES, THEN EAST ONTO FORWARD INC., LANDFILL FOR 1 MILE. CITY OF STOCKTON SAYS THAT CITY BOUNDARY IS ONLY 500 FEET SOUTH OF ARCH RD. ANYTHING SOUTH OF THAT IS COUNTY.

PM # 30903338

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the EAST side of NEWCASTLE RD. approximately 1.5MILES feet/mile SOUTH of ARCH RD, , by performing the following work (description of work):

MAINTENANCE & RE-CONDUCTOR WORK.

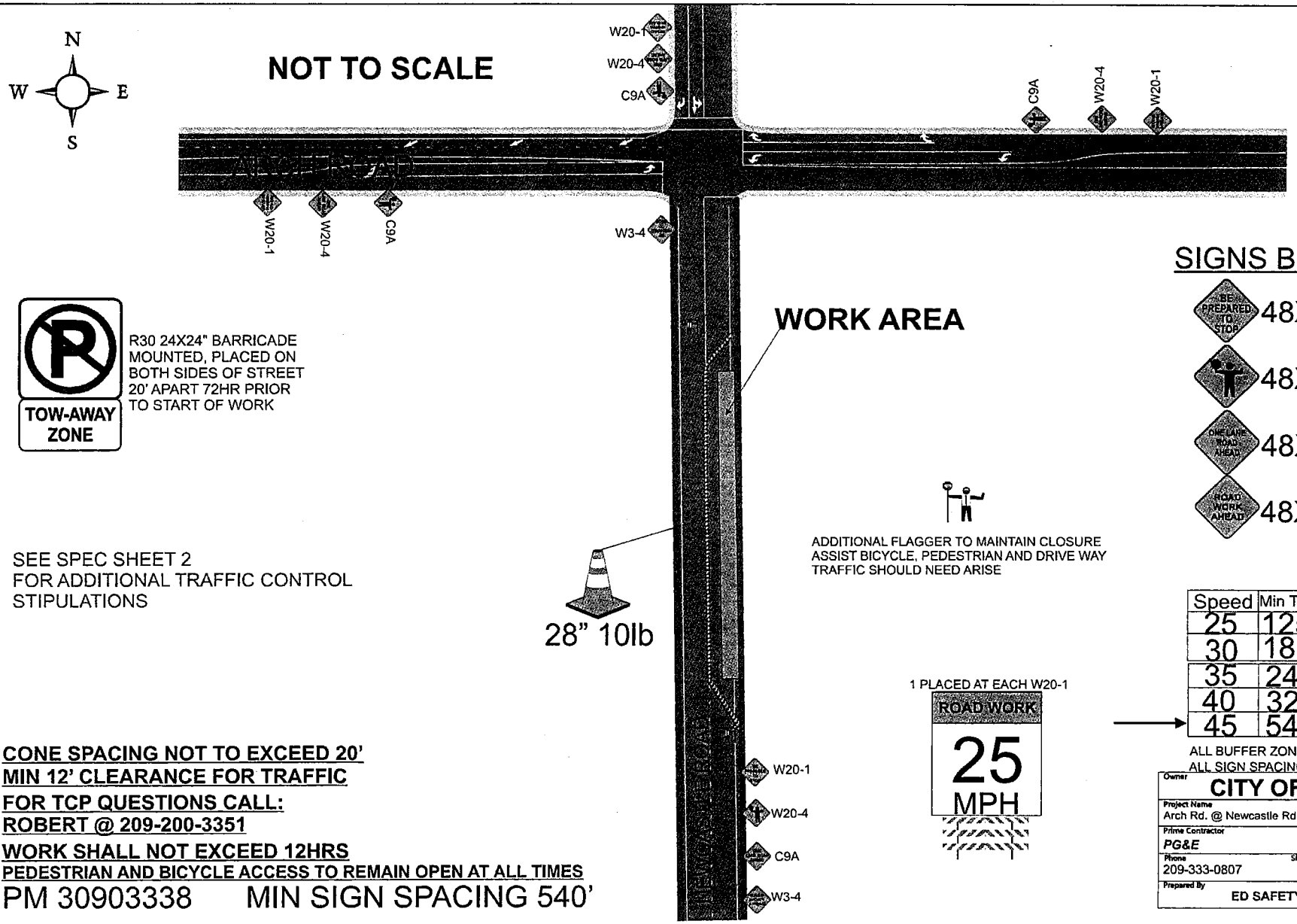
Work will commence on or about 4-15-13 for approximately 90 days.

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.

Ed Hanami - ESTIMATING SUP.
Signature of Applicant - Title

09/19/12
Date

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER



Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

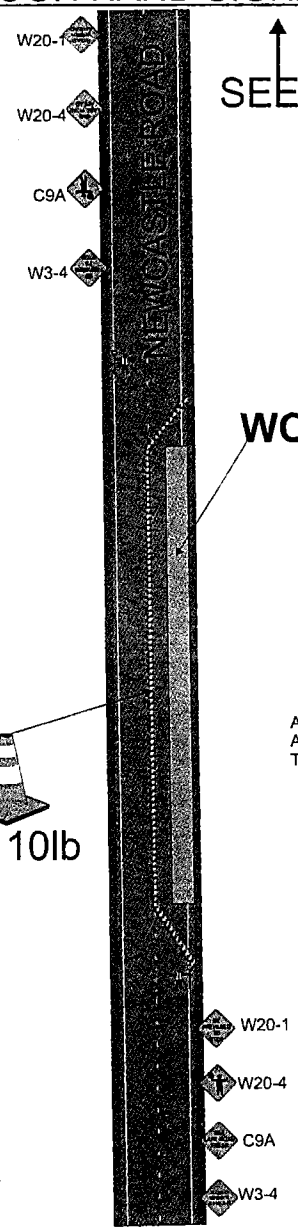
Owner	CITY OF STOCKTON
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	PG&E
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-1
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

N
W E
S

NOT TO SCALE



SEE PS1

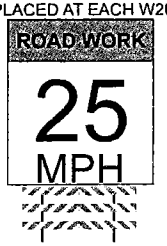
WORK AREA

SEE PS3

R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

TOW-AWAY ZONE

1 PLACED AT EACH W20-1



28" 10lb

ADDITIONAL FLAGGER TO MAINTAIN CLOSURE ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

SIGNS BEING USED

- 48X48" W3-4
- 48X48" C9A
- 48X48" W20-4
- 48X48" W20-1

MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES

PM 30903338 MIN SIGN SPACING 540'

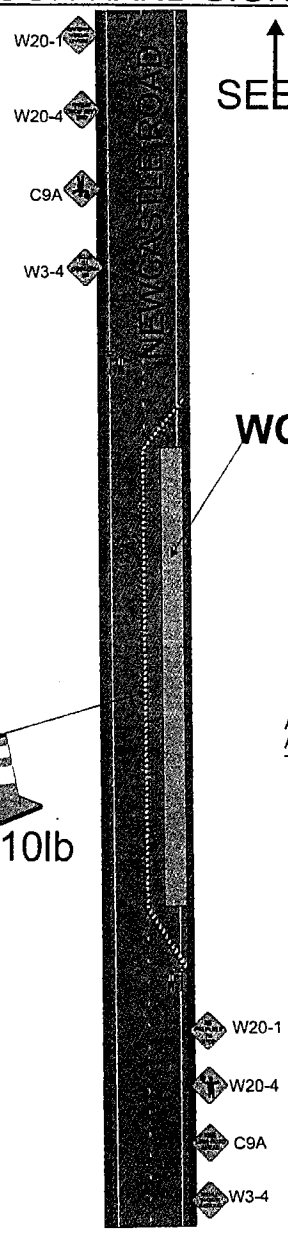
Owner	CITY OF STOCKTON
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	PG&E
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-2
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

N
W E
S

NOT TO SCALE

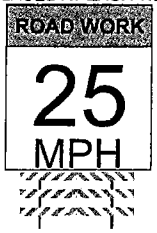


SEE PS2

SEE PS4

WORK AREA

1 PLACED AT EACH W20-1



R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

28" 10lb

ADDITIONAL FLAGGER TO MAINTAIN CLOSURE ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

SIGNS BEING USED

48X48" W3-4

48X48" C9A

48X48" W20-4

48X48" W20-1

MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES
PM 30903338 MIN SIGN SPACING 540'

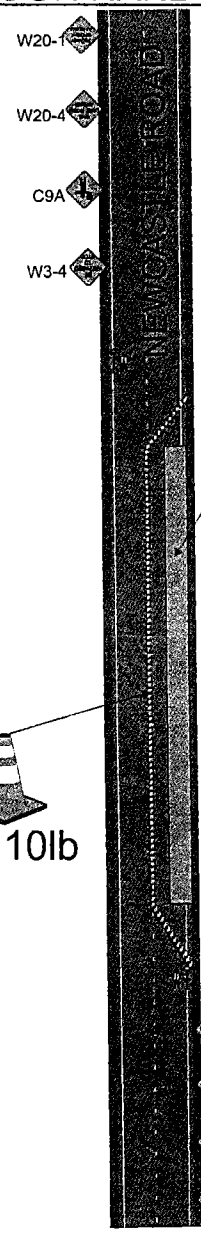
Owner	CITY OF STOCKTON
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	PG&E
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-3
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

N
W E
S

NOT TO SCALE

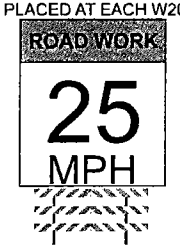


SEE PS3

SEE PS5

WORK AREA

1 PLACED AT EACH W20-1



R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

28" 10lb

ADDITIONAL FLAGGER TO MAINTAIN CLOSURE ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

SIGNS BEING USED

48X48" W3-4

48X48" C9A

48X48" W20-4

48X48" W20-1

MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES
PM 30903338 MIN SIGN SPACING 540'

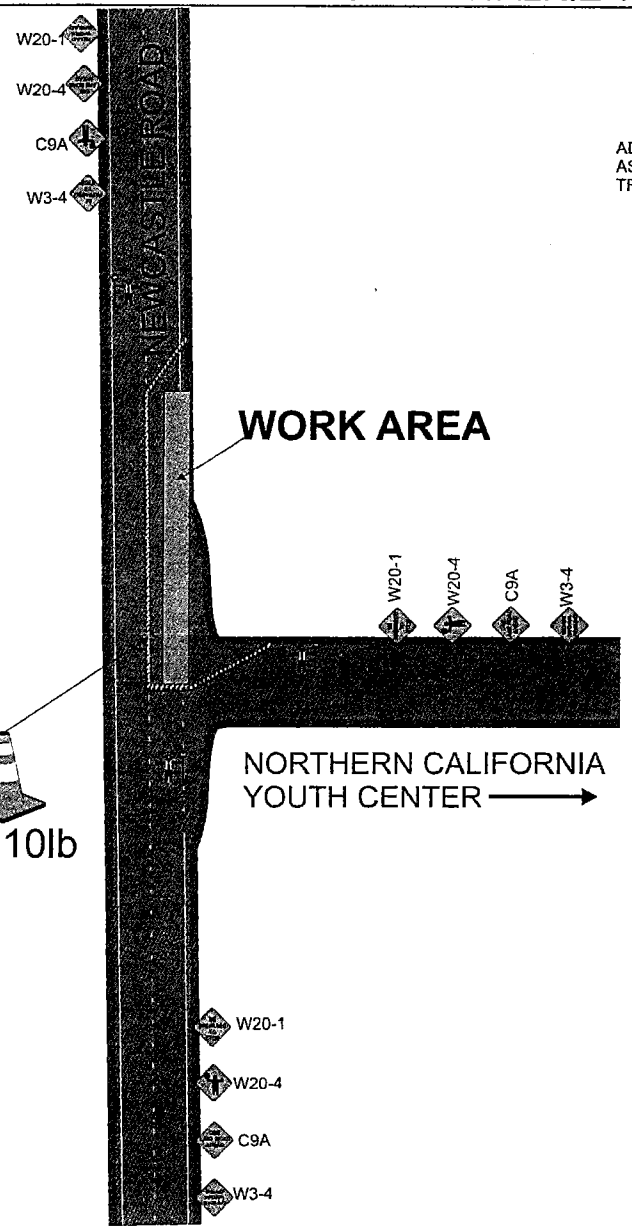
Owner	**CITY OF STOCKTON**
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	*PG&E*
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-4
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

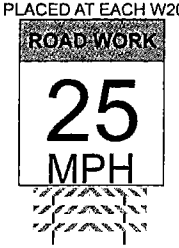
N
W E
S

NOT TO SCALE



ADDITIONAL FLAGGER TO MAINTAIN CLOSURE
ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY
TRAFFIC SHOULD NEED ARISE

1 PLACED AT EACH W20-1



R30 24X24" BARRICADE
MOUNTED, PLACED ON
BOTH SIDES OF STREET
20' APART 72HR PRIOR
TO START OF WORK

SIGNS BEING USED

48X48" W3-4

48X48" C9A

48X48" W20-4

48X48" W20-1

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL
STIPULATIONS

MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES
PM 30903338 MIN SIGN SPACING 540'

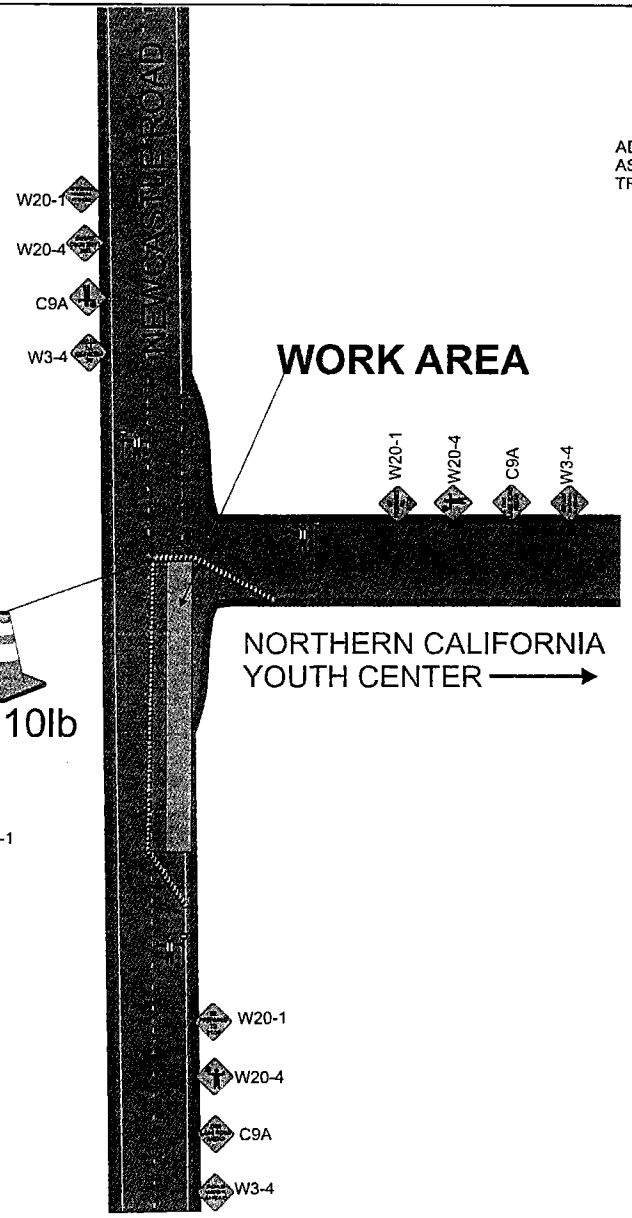
Owner	CITY OF STOCKTON
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	PG&E
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-5
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

N
W E
S

NOT TO SCALE



ADDITIONAL FLAGGER TO MAINTAIN CLOSURE
ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY
TRAFFIC SHOULD NEED ARISE

R30 24X24" BARRICADE
MOUNTED, PLACED ON
BOTH SIDES OF STREET
20' APART 72HR PRIOR
TO START OF WORK

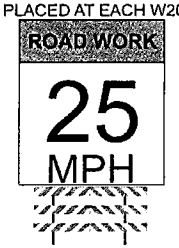
TOW-AWAY ZONE

SIGNS BEING USED

- 48X48" W3-4
- 48X48" C9A
- 48X48" W20-4
- 48X48" W20-1

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL
STIPULATIONS

1 PLACED AT EACH W20-1



MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES
PM 30903338 MIN SIGN SPACING 540'

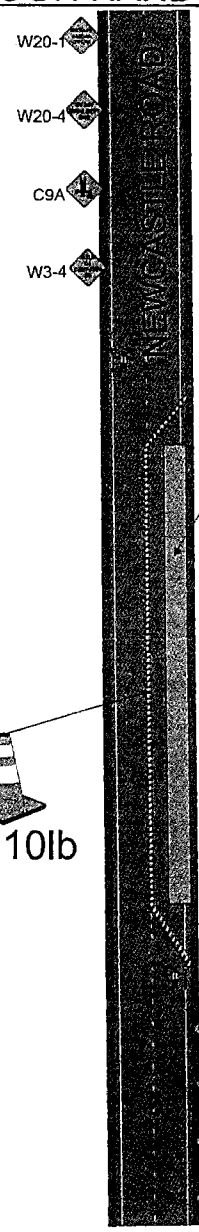
Owner: **CITY OF STOCKTON**		
Project Name: Arch Rd. @ Newcastle Rd.		Project Number: Stockton,California
Prime Contractor: *PG&E*		Traffic Control Contractor: ED SAFETY INC
Phone: 209-333-0807	Sheet Number: PS-6	Date: 1/4/2013
Prepared By: ED SAFETY SERVICES, INC		

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

N
W E
S

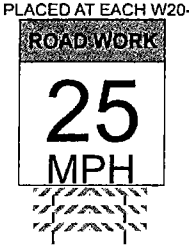
NOT TO SCALE



TOW-AWAY ZONE

R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

1 PLACED AT EACH W20-1

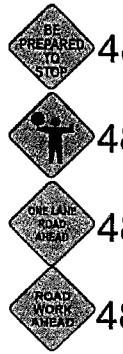


28" 10lb

ADDITIONAL FLAGGER TO MAINTAIN CLOSURE ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

SIGNS BEING USED



48X48" W3-4
48X48" C9A
48X48" W20-4
48X48" W20-1

MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES
PM 30903338 MIN SIGN SPACING 540'

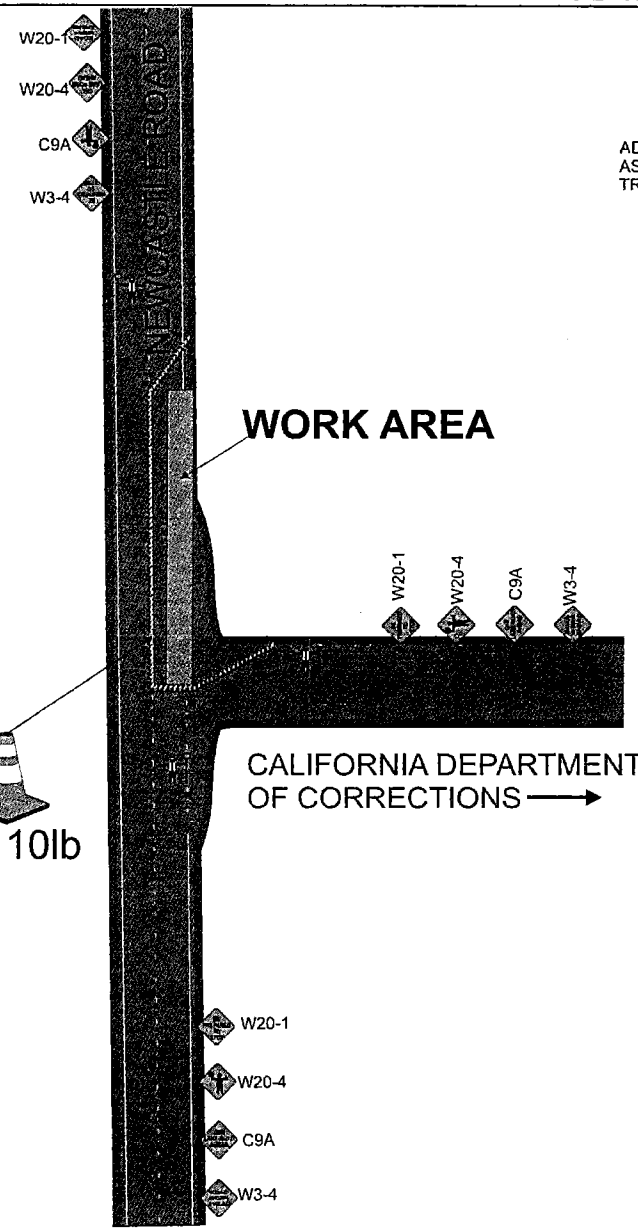
Owner	**CITY OF STOCKTON**
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	*PG&E*
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-7
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

ALL FLAGGERS WILL COMMUNICATE THROUGH HAND SIGNALS AND WALKIE TALKIES WITH ONE ANOTHER

N
W E
S

NOT TO SCALE



ADDITIONAL FLAGGER TO MAINTAIN CLOSURE ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

TOW-AWAY ZONE

R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

1 PLACED AT EACH W20-1

ROAD WORK
25
MPH

28" 10lb

SEE SPEC SHEET 2
FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

SIGNS BEING USED

- BE PREPARED TO STOP — 48X48" W3-4
- 48X48" C9A
- ONE LANE ROAD AHEAD — 48X48" W20-4
- ROAD WORK AHEAD — 48X48" W20-1

MAX CONE SPACINGS

Speed	Min Taper	TAPER	TANGENT
25	125	25	50
30	180	30	60
35	245	35	70
40	320	40	80
45	540	45	90

ALL BUFFER ZONES SHALL BE A MIN OF 540'
ALL SIGN SPACINGS SHALL BE A MIN OF 540'

CONE SPACING NOT TO EXCEED 20'
MIN 12' CLEARANCE FOR TRAFFIC
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351
WORK SHALL NOT EXCEED 12HRS
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES

PM 30903338 MIN SIGN SPACING 540'

Owner	CITY OF STOCKTON
Project Name	Arch Rd. @ Newcastle Rd.
Project Number	Stockton,California
Prime Contractor	PG&E
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-8
Date	1/4/2013
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE CITY OF STOCKTON

TO WEBER SUBSTATION

ARCH RD

NEWCASTLE RD

TO SWITCH 18065 — 3-1100AL EPR CONC ENCAP PE (25kV) — J2794 — 12kV — TO SWITCH 14676

CONDUCTOR LEGEND

—P—	397AL
—P2—	4ACSR
—P4—	600AL IN 1-6" APPL. COND.
—S1—	1/0ACSR QPX SEC
M	PRIMARY METERING

EQUIPMENT LEGEND

INSTALL	EXISTING	DESCRIPTION
⊠	⊠	MAIN SERVICE PANEL
○	○	SOLELY OWNED POLE
→	→	SOLELY OWNED ANCHOR
◑	◑	JOINTLY OWNED POLE
⊀	⊀	JOINTLY OWNED ANCHOR
—(	—(	STREET LIGHT
⋈	⋈	AIR SWITCH
Ⓡ	Ⓡ	RECLOSER
•	•	RISER
×	×	CUTOUT - FUSED AS SHOWN
		COMBO FUSE/DISCONNECT
▲	△	1 PHASE OH TRANSFORMER
▲▲	△△	OPEN DELTA OH TRANSFORMER
▲▲▲	△△△	CLOSED DELTA OH TRANSFORMER
◇	◇	REGULATOR
⫟	⫟	CAPACITOR
	/	REMOVAL SLASH
	~	REMOVAL SYMBOL

18389 — 3-P157/SB — 600A

1 — RE-FRAME POLE REPLACE DG SET NEW ANCHOR

RELQUISH ANCHOR TO PT PG TO SET NEW SOLELY OWNED ANCHOR W/25' LEAD.

PRI DG 20M A= 20M L 25'

PRI RISER QUADRANT

SW. 9001 SOLID BLADES SR. 2324

PT6051-1 50'/CL4 — 2 — REMOVE RXE RECLOSER INSTALL NOVA TYPE RECLOSER ASYM – N – E –

—— 3-4 AR

3 — REPLACE JOINT POLE 4' S/O EX. POLE SET POLE HARD WEST — 40'/50'-3 JP"0" — PT1843-3 — 105P — CSD: 0KVA — 3179772-51169 — REPLACED TX AS BETTERMENT — 15

DART NO LOAD Transfer Boxes per

4 — REPLACE TIES — 50'/CL2 PT110804-1

—P— 397AL
—— 3-6 CU

5 — REPLACE TIES — 50'/CL2 PT110804-2

6 — 40'/50'-3 JP"5" REPLACE JOINT POLE — SET NEW POLE 6' N/O EX. POLE — PT1843-6 JP"2"

7 — REPLACE TIES — 45'/CL4 PG973844-3

30HP — 25'/CL5 — MTR/R65382 3W — 1/0AL QPX SVC (OBS) — 1/0AL QPX SVC — 120' — 8 — REPLACE JOINT POLE SP TRANSFORMER

45'/50'-2 PT1843-7 JP"4" — CSD: 57KVA — 75 — 3179773-75SP 51029

SEC DG 2.5M A 2.5M L 4' — ANCHOR BURIED

REPLACED TX, ANCHOR & DOWN GUY AS BETTERMENT

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

—P— 397AL

INSTALL 2703' INSTALL 3-397 AL PRI. CONDUCTOR — 10-1 — REMOVE 2703' REMOVE 3-4AR & 3-6CU PRI. CONDUCTOR INSTALL PRIMARY FRAMING & DOWN GUY FOR TEMPORARY INSTALLATION.

9 — REPLACE TIES — 45'/CL4 PG97-3844-4

TREE TRIMMING REQUIRED

10 — REPLACE TIES REPAIR POLE TOP - BETTERMENT INSTALL COVERED JUMPERS & CONNECTORS — 50'/CL4 PT31139-1 — NO PCB CSD: 6KVA — 5 — 25 — 3179773-50977 — ANCHOR GOOD SEC DG 10M L 12'

SM1006942314 4W — 4/0 QPX AR SEC — 234'

1/0AL TPX SEC — 58' — 30'/CL5 — 1/0AL TPX SEC — 95' — SM1004419458 3W

MATCH LINE A

SM1004978156 — CSD:14KVA — 3179773-

RAPTOR FRAMING: YES

Construction Sketch
12KV
PLAT: V1321 & W1301
SSD NORTH OF 18389: J2794
SSD NORTH OF SR.2324: SWITCH 18389
SSD SOUTH OF SR2324: SR2324
CKT: WEBER 1102
DESIGN VOLTAGE: 2
INSULATION DISTRICT: B
LOADING AREA: LIGHT
CORROSION AREA: NON
ARRESTOR DISTRICT: 3
FIRE AREA: NO

PROJECT CONDITIONS STAMP
Type(s) of Work:
☐ New Business
☒ PG&E Maintenance & Construction
Project Conditions:
☐ NONE APPARENT (if project design changes, contact ADE) or
☒ CONDITIONS APPLY:
☐ PERMITS ☒ TAILBOARD ☐ OTHER
(Provide additional information on line below)
PLEASE SEE COMPLETED DA3 IN SAP
BY: CORY HENDRICKS, C2HT
SIGNATURE, NAME, (CORPORATE ID), DATE

MATCH LINE A

SM1004978156 — CSD:14KVA — 3179773-50948 — 15 — 35'/CL4 — 1/0AL TPX SEC — 80' — 50'/CL4 PG987190-1 — REPLACE TIES — 11

NEW FUSE 78277
INSTALL: 3-PT44/3-20T
FUSES INSTALLED AS BETTERMENT

3-4AR — 181' — 180' — 12kV — 3-397AL

40'/CL4 — CSD: 4KVA — 3179738-50914 — 105P/105P

45'/CL2 PT3841-2 — CSD: 16KVA — 3179755-50913 — 155P

12 — REPLACE JOINT POLE — SET NEW POLE HARD WEST TO STRAIGHTEN OUT LINE SIDEWALK ANCHOR GOOD — TAP DG 7.5M L 9' — INSTALL DG HARDWARE

45'/50'-4 PT3841-1 JP"5"

35' N/O EXISTING FIRE HYDRANT INTERSET NEW POLE — 13

50'-4 JP"6" — CATV 024' PT @ 23'

PT RISER QUADRANT

CATV RISER — TRANSFER CSD: 11KVA — 3179773-50894 — 25

SM1004298121 — 95' — 1/0AL TPX SWC — 150' — 45'/50'-3 PT4386 JP"7" REPLACE JOINT POLE — 14

SET NEW POLE HARD SOUTH DUE TO OU RISER
JOINT FIELD MEET REQUIRED CONTACT JIM JELLEY @ (209) 474-4110

SM1006494591 — 25HP — SM1004296118 3W — 2AL TPX SWC — 108' — 1/0AL QPX ASWC — 210' — SM1006623464 3W — 1/0AL QPX SWC — 30'/CL5 — 15-A — REMOVE CLEAR POLE, ANCHOR, SECONDARY, SVC., & 1OLE METERS. LOC 15-A IS ALL BETTERMENT

-7557- — ESD:11KVA — 15 — CSD:11KVA — 3179773-50885 — 15SP/105P

40'/50'-3 JP"8" PT3841 — REMOVE SEC ANCHOR & OPEN DELTA — INSTALL 15KVA 1Ø TX & NEW POLE — SET POLE HARD NORTH — REPLACED TX AS BETTERMENT — 15

CSD: 9KVA — 3179773-50848 — 15 — 45'/CL4 PT6599-1 — 1/0AL TPX — 35' — 65' — SM1004296169 — 94'

NEED TO INSTALL GUARD ARM — 16

SEC DG 10M A 10M L 29'

D9407 — 3-PT44/3-40T — 3-2AL XLP-CON-PVC (22KV) 12KV — 2-4" — J2320

30'/CL5 — PT8426-7 — 82' — 1/0AL QPX ANWC — 4-6CU SEC — 254' — 35'/CL5 — 2AL TPX SWC — 25' — SM1004114616

45'/CL4 — 17 — REPLACE TIES — PT6756-1

McKESSON AVE.

SmartMeter™ Network Device
Loc#17 Device Equ# SM19715
Install ☐ Remove ☐ Transfer ☒
Latitude 37.6939
Longitude -121.20282
Descriptive Geographic Loc of Device:
E/O NEWCASTLE RD & MCKESSON AVE

SM1004296120 — 2AL TPX SWC — 78' — 30' — 2AL TPX — 61' — 50'/CL3 PT11947-1 — 18 — REPLACE TIES — CSD: 22KVA — 3179773-50785 — 15 — 50

SM1004296168 — 2-2AL TPX SWC — 110' — 2-2AL TPX SWC — 97' — 30'/CL5 PT11847-2 — SEC DG 10M A 10M L 31'

NEWCASTLE RD

NEW FUSE 78385
INSTALL: 3-PT44/3-20T

PT1843-10 JP"9" — 40'/50'-3 REPLACE JOINT POLE — 19

CSD: 8KVA — 3179768-50735 — 15 — 12kV — 92' — 35'/CL4 PG2307-1-A

PT1843-11 JP"10" PT ANCHOR — 40'/50'-3 REPLACE JOINT POLE — 20 — JOINT FIELD MEET REQUIRED CONTACT JIM JELLEY @ (209) 474-4110 — SET POLE IN SAME HOLE PT RISER AND PT PEDESTAL

3-4AR — 357' — 40'/CL4 PG2387-2-B — CSD: 8KVA — 3179725-50741 — 10

—P— 397AL

INSTALL 2839' INSTALL 3-397 AL PRI. CONDUCTOR — 23-1 — REMOVE 2839' REMOVE 3-4AR & 3-6CU PRI. CONDUCTOR INSTALL PRIMARY FRAMING & DOWN GUY FOR TEMPORARY INSTALLATION.

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

Telecom Box

35'/50'-4 SET 2' DEEPER — 21 — SET NEW POLE 35' SOUTH OF OLD POLE.

RAPTOR FRAMING: YES

Construction Sketch
12KV
PLAT: W1301 & W1306
SSD: SR2324
CKT: WEBER 1102
DESIGN VOLTAGE: 2
INSULATION DISTRICT: B
LOADING AREA: LIGHT
CORROSION AREA: NON
ARRESTOR DISTRICT: 3
FIRE AREA: NO

PROJECT CONDITIONS STAMP
Type(s) of Work:
☐ New Business
☒ PG&E Maintenance & Construction
Project Conditions:
☐ NONE APPARENT (if project design changes, contact ADE) or
☒ CONDITIONS APPLY:
☐ PERMITS ☒ TAILBOARD ☐ OTHER
(Provide additional information on line below)
PLEASE SEE COMPLETED DA3 IN SAP
BY: CORY HENDRICKS, C2HT
SIGNATURE, NAME, (CORPORATE ID), DATE

REMOVE 35' POLE — 22 — 35'/CL5

50'-4 SET 2' DEEPER — 23 — SET NEW POLE 102' SOUTH OF OLD POLE.

SEE SHEET 1 MATCH LINE B SEE SHEET 2

REMOVE POLE — 24 — 40'CL5

AMERESCO FORWARD GENERATION PROJECT
SOUTH OF ARCH ON NEWCASTLE RD
TO DEAD END THEN EAST TO AUSTIN RD.
MANTECA/STOCKTON

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD	BY

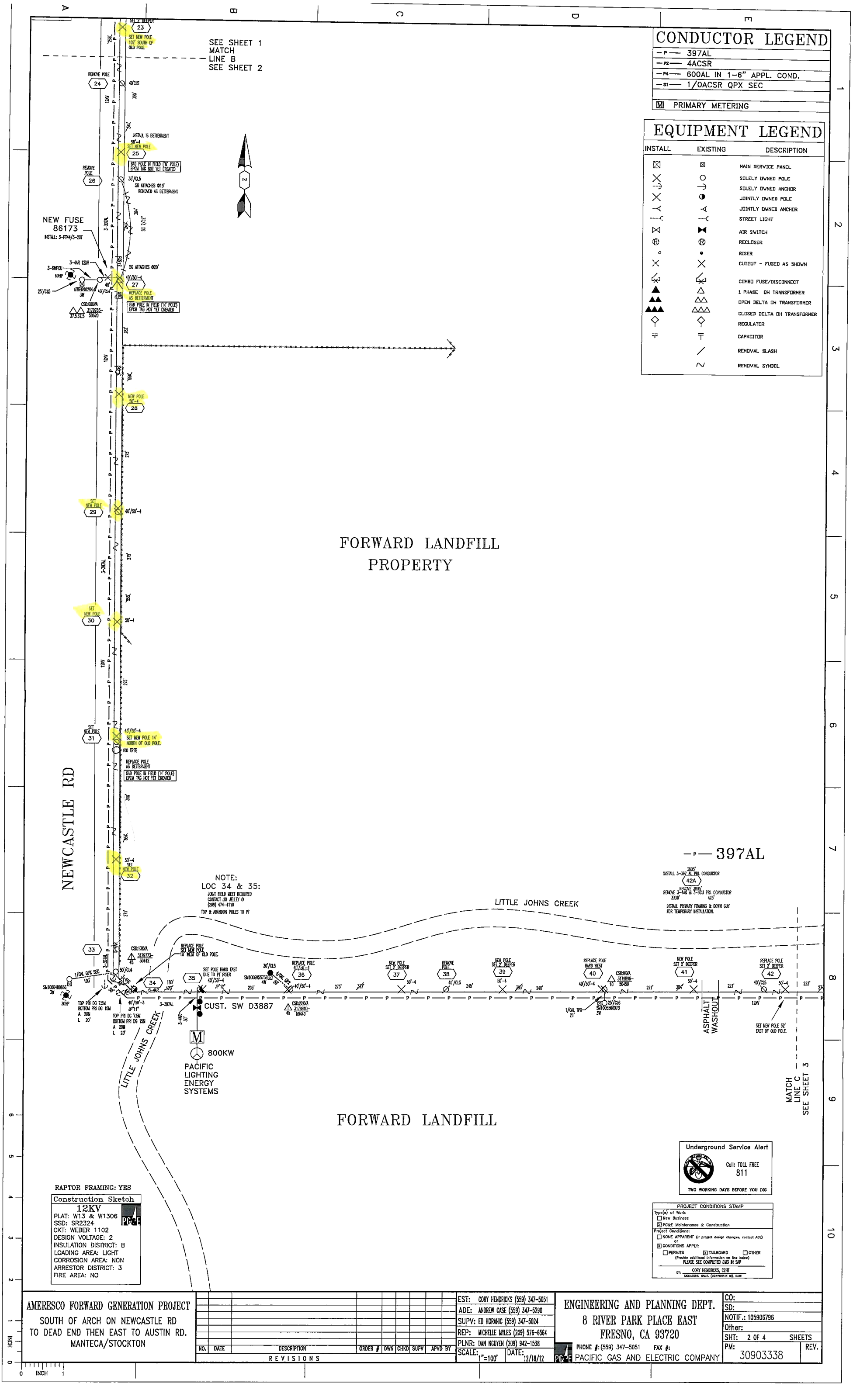
REVISIONS

EST: CORY HENDRICKS (559) 347-5051
ADE: ANDREW CASE (559) 347-5290
SUPV: ED HORANIC (559) 347-5024
REP: MICHELLE MYLES (209) 576-6564
PLNR: DAN NGUYEN (209) 942-1538
SCALE: 1"=100' DATE: 12/18/12

ENGINEERING AND PLANNING DEPT.
8 RIVER PARK PLACE EAST
FRESNO, CA 93720
PHONE #: (559) 347-5051 FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 105906796
Other:
SHT: 1 OF 4 SHEETS
PM: 30903338
REV.

INCH 0 1



CONDUCTOR LEGEND

-P-	397AL
-P2-	4ACSR
-P4-	600AL IN 1-6" APPL. COND.
-S1-	1/0ACSR QPX SEC
M	PRIMARY METERING

EQUIPMENT LEGEND

INSTALL	EXISTING	DESCRIPTION
⊠	⊠	MAIN SERVICE PANEL
✕	○	SOLELY OWNED POLE
✕	◑	JOINTLY OWNED POLE
⋋	⋌	JOINTLY OWNED ANCHOR
⋋	⋌	STREET LIGHT
⋈	⋈	AIR SWITCH
Ⓡ	Ⓡ	RECLOSER
○	●	RISER
✕	✕	CUTOUT - FUSED AS SHOWN
		COMBO FUSE/DISCONNECT
▲	△	1 PHASE OH TRANSFORMER
▲▲	△△	OPEN DELTA OH TRANSFORMER
▲▲▲	△△△	CLOSED DELTA OH TRANSFORMER
◇	◇	REGULATOR
⫟	⫟	CAPACITOR
	/	REMOVAL SLASH
	~	REMOVAL SYMBOL

RAPTOR FRAMING: YES

Construction Sketch

12KV
PLAT: W13 & W1306
SSD: SR2324
CKT: WEBER 1102
DESIGN VOLTAGE: 2
INSULATION DISTRICT: B
LOADING AREA: LIGHT
CORROSION AREA: NON
ARRESTOR DISTRICT: 3
FIRE AREA: NO

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

PROJECT CONDITIONS STAMP
Type(s) of Work:
☐ New Business
☒ PG&E Maintenance & Construction
Project Conditions:
☐ NONE APPARENT (if project design changes, contact ADE)
or
☒ CONDITIONS APPLY:
☐ PERMITS ☒ TAILBOARD ☐ OTHER
(Provide additional information on line below)
PLEASE SEE COMPLETED DWS IN SAP
CORY HENDRICKS, CZHT
BY: SIGNATURE, NAME, (CORPORATE ID), DATE

AMERESCO FORWARD GENERATION PROJECT
SOUTH OF ARCH ON NEWCASTLE RD
TO DEAD END THEN EAST TO AUSTIN RD.
MANTECA/STOCKTON

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

EST: CORY HENDRICKS (559) 347-5051
ADE: ANDREW CASE (559) 347-5290
SUPV: ED HORANIC (559) 347-5024
REP: MICHELLE MYLES (209) 576-6564
PLNR: DAN NGUYEN (209) 942-1538
SCALE: 1"=100' DATE: 12/18/12

ENGINEERING AND PLANNING DEPT.
8 RIVER PARK PLACE EAST
FRESNO, CA 93720
PHONE #: (559) 347-5051 FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 105906796
Other:
SHT: 2 OF 4 SHEETS
PM: 30903338
REV.

0 INCH 1