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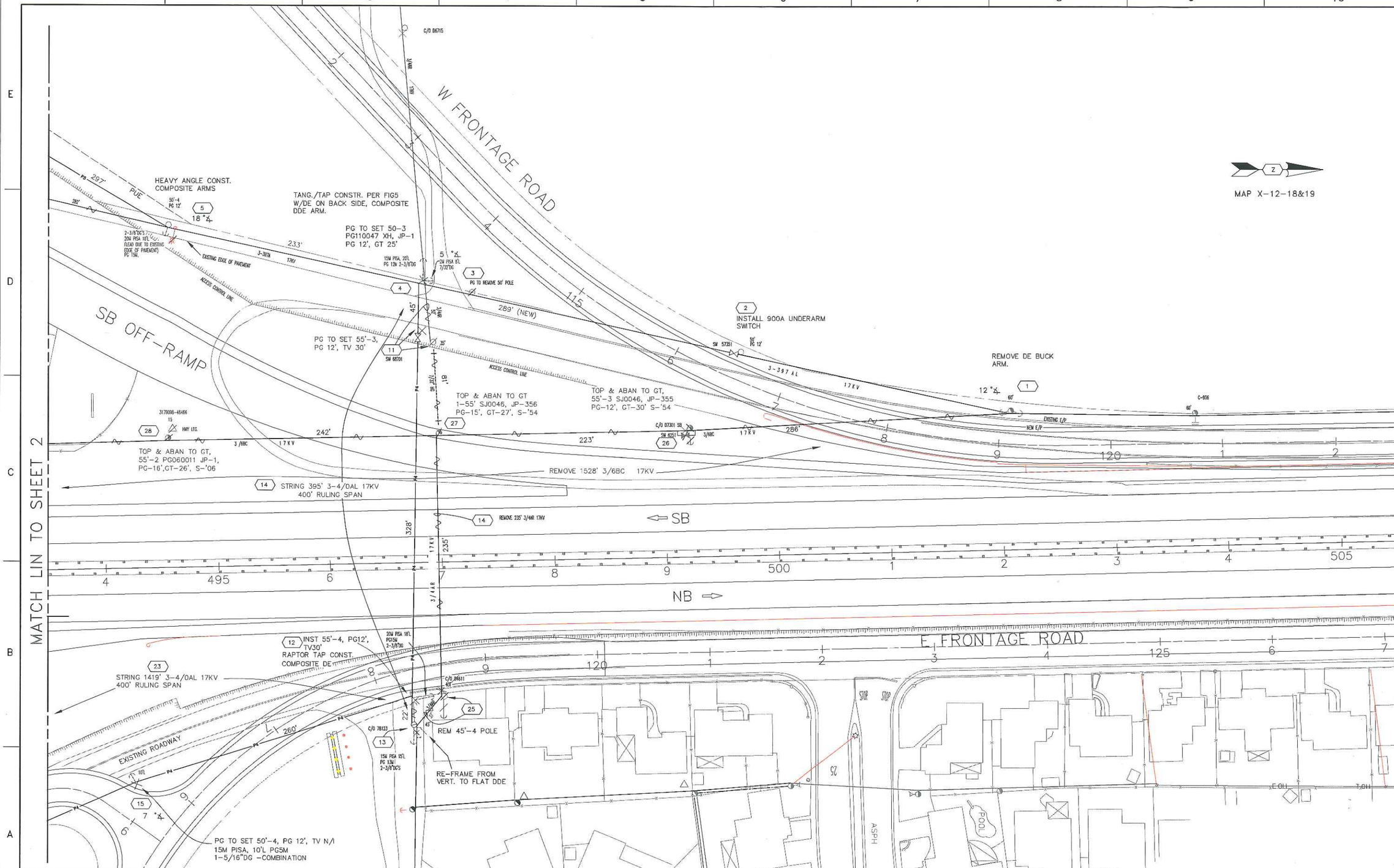
PS-17-02453



CO:	
SD:	
NOTIF: 105376960	
Other:	
SHT: 1 OF 5	SHEETS
PM: 30865479	REV.

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #: FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

EST: M LEROY
ADE: R GAEBEL
SUPV: A D'ALESSANDRO
REP: D HELLER
PLNR: A BARRON
SCALE: 1"=40'
DATE: 10/14/2011

NO.	DATE	DESCRIPTION	ORIG'D #	DWN	CHK'D	SUPV	APV'D BY
		REVISIONS					

RELOCATE OVERHEAD FACILITIES
CAL DEPARTMENT OF TRANSPORTATION
HIGHWAY 99 AND LATHROP ROAD
MANTECA,

PS-11-02453

RAPTOR CORNER/SLACK SPAN CONST.
NOTE: THIS POLE/ANC MAY HAVE 3'+- OF FILL DUE TO OVER PASS GRADING.

PG TO SET 75'-H4, PG110047 XH, JP-6 PG-18', GT-43'

SET 3' DP INITIALLY, WITH FILL IT WILL BE 8.5'+DP.

STRING 2861' 3-715AL 17KV 400' RULING SPAN

ANCHORS MAY NEED EXT. TO BE ABOVE FINAL GRADE.

60'-2, PG-15', TV N/I COMPOSITE -DE/SLACK SPAN POLE TO BE SET AT GRADE

PG TO SET 1-50'-4 PG13', TV N/I

LIGHT ANGLE ON USA SWITCH

REM 50'-3, TV CONTACT BVC-CP19-1

REM 50'-3, TV CONTACT BVC-CP19-2

TEMPORARY WORK: WHEN SW. POLE IS REMOVED, SPLICE 397AL THRU. INST. 75'-2 TEMP POLE, STANDARD TH TANG. CONSTR.

TEMPORARY WORK: MOVE DOE CENTER # TO POLE POSITION. INST COMPOSITE DE FOR POLE TOP. INST 20M PISA 20'L 2-7/16"DG RE-DO JUMPERS.

GT TO ABAN INTEREST, PG TO REM 75'-1 PG100022XH JP-1

TOP & ABAN TO GT, 60'-1 SJ0046, JP-197, PG-17', GT-30', S-'53 CTC01221 JA-A, S-'73

TANG. RAPTOR
PG TO SET 75'-2 PG110047 XH, JP-5 PG-18', GT-43'

MEDIUM ANGLE CONST. DBL ARM -LS PIN
PG TO SET 55'-4 PG110047 XH, JP-4 PG -17', GT-25'

MEDIUM ANGLE CONST. DBL ARM -LS PIN
PG TO SET 50-4 PG110047 XH, JP-3 PG 12', GT 25'

SINGLE LS PIN FLAT CONST. INST PERCH GUARD. INST. FLYING INSUL. FOR TEMP RECL. AND JUMPER WHEN RECL. RELOCATED.

PG TO SET 50-2 PG110047 XH, JP-2 PG 12', GT 25'

STRING 1011' 3-397AL 17KV 400' RULING SPAN

TEMPORARY WORK: INST NOVA RECL ASSY W/SCADA CONTROLS (FORM 4) WAREHOUSE ORDERED @ LOC. 35. (TEMP WILL USE PT44HSR, PERMANENT WILL HAVE STH DISC.) WHEN LOC. 36 IS INSTALLED, THIS RECLOSER WILL BE RELOCATED TO THAT LOCATION PERMANENTLY.

TOP & ABAN TO GT, 80'-1 SJ0046, JP-360 PG-21', GT-45', S-'54

TOP & ABAN TO GT, 80'-1 SJ0046, JP-359 PG-36', GT-30', S-'54

TOP & ABAN TO GT, 80'-1 SJ0046, JP-358, PG-38',GT-28', S-'54

REMOVE 1528' 3/6BC 17KV

BUILDINGS TO BE DEMOLISHED

SB OFF-RAMP

SB ON-RAMP

SB LOOP ON-RAMP

SB ROUTE 99

NB

LATHROP ROAD

OVERPASS

MAP X-12-18&19

MATCH LINE TO SHEET 4

MATCH LINE TO SHEET 1

MATCH LINE TO SHEET 3

CO:
SD:
NOTIF.: 105376960
Other:
SHT: 2 OF 5
SHEETS
REV.
PM: 30865479

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #:
FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

EST: M LEROY
ADE: R GAEBEL
SUPV: A D'ALESSANDRO
REP: D HELLER
PLNR: A BARRON
DATE: 10/29/2011
SCALE: 1"=40'

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

RELOCATE OVERHEAD FACILITIES
CAL DEPARTMENT OF TRANSPORTATION
HIGHWAY 99 AND LATHROP ROAD
MANTECA,

PS-12-02453

MATCH LINE TO SHEET 2

MATCH LINE TO SHEET 4

MATCH LINE TO SHEET 1

NB ⇨

EXISTING OVERPASS NOT SHOWN

LATHROP ROAD

NB ON-RAMP

NB OFF-RAMP

LOCAL ACCESS ROAD

BUILDINGS TO BE DEMOLISHED

TO BE DEMOLISHED

REMOVED DURING DEMO.

REMOVED DURING DEMO.

HWY LTG. 3179320-48367

(60) TOP & ABAN TO GT, 50'-4, SJ0046, JP-209, PG12', GT-25', S-'54

230' 3/#8 C 17KV

(61) TOP & ABAN TO GT, 50'-3, SJ0046, JP-210 PG-12', GT-25', S-'54

SW 0863

RAPTOR DDE/SLACK SPAN CONST. 2-COMPOSITE DE ARMS

TOP&ABAN 40' SJ0046 JP211 SET-'54, PG TO SET 75'-2, PG18', GT43' PG1100047 XH, JP-10

20W PISA, 25'L PG 13M, TV JN 1-5/16', 1-7/16"DG'S

(20)

3179356-48369

211'(AFTER)

3/4AR 17KV

(24) C/O #42389 INST PT44H C/O FUSE40T INSTALL 10'-6" ARM FOR LINE & TX CUTOUTS.

TOP&ABAN 40' SJ0046, JP-275, SET-'54, PG TO SET 50'-4, PG12', GT25' PG1100047 XH, JP-11

INST 7/32"HG & 1/0A TPX MID-SPAN SERVICE

REMOVE 132' 3/#6C 17KV

(21) PG TO SET 50'-4 PG12', TV25'

5W PISA, 20'L 5/16"DG

REM C/013887

(22) 40' SJ0046, JP211 INST COMPOSITE DE/SLACK SPAN ARM, FLAT CONST.

SLACK SPAN 61'

REM. 30'-5 GS ANC & DG.

(62)

REPL 25/25KVA

(24)

COORDINATE #
3179357-48354
LOADING DISTRICT
SUMMER INT.
TX SIZE - 25
KVA 1ø - 27.5
KVA 3ø - 0
% L.F. - 30

SLOPE

ACCESS CONTROL LINE

REM 45'-4 PG12' TV CONTACT NO APPL. (19)

REMOVE 562' 2/4AR 17KV (23)

STRING 1419' 3-4/0AL 17KV 400' RULING SPAN (23)

TOP & ABAN 40' JP, SJ0046 JP 278, S-'54 PG TO SET 50'-4 PG110047 XH, JP-9PG12', GT25'

GT RISES UP TO SERVE RESIDENCES.

(16) PG TO SET 50'-4 PG12', TV N/I

SW 86647

240'

218'

(17) REPL 15/15KVA

15KVA

COORDINATE #
3179344-48424
LOADING DISTRICT
SUMMER INT.
TX SIZE - 15
KVA 1ø - 16
KVA 3ø - 0
% L.F. - 30

(18) REPL 35'/75'-3 PG18', TV43' MED. ANGLE CONST. (TV CONTACT, NO APPL.)

15M PISA, 20'L PG7M 1-7/32"DG 1-5/16"DG

MAP X-12-19

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

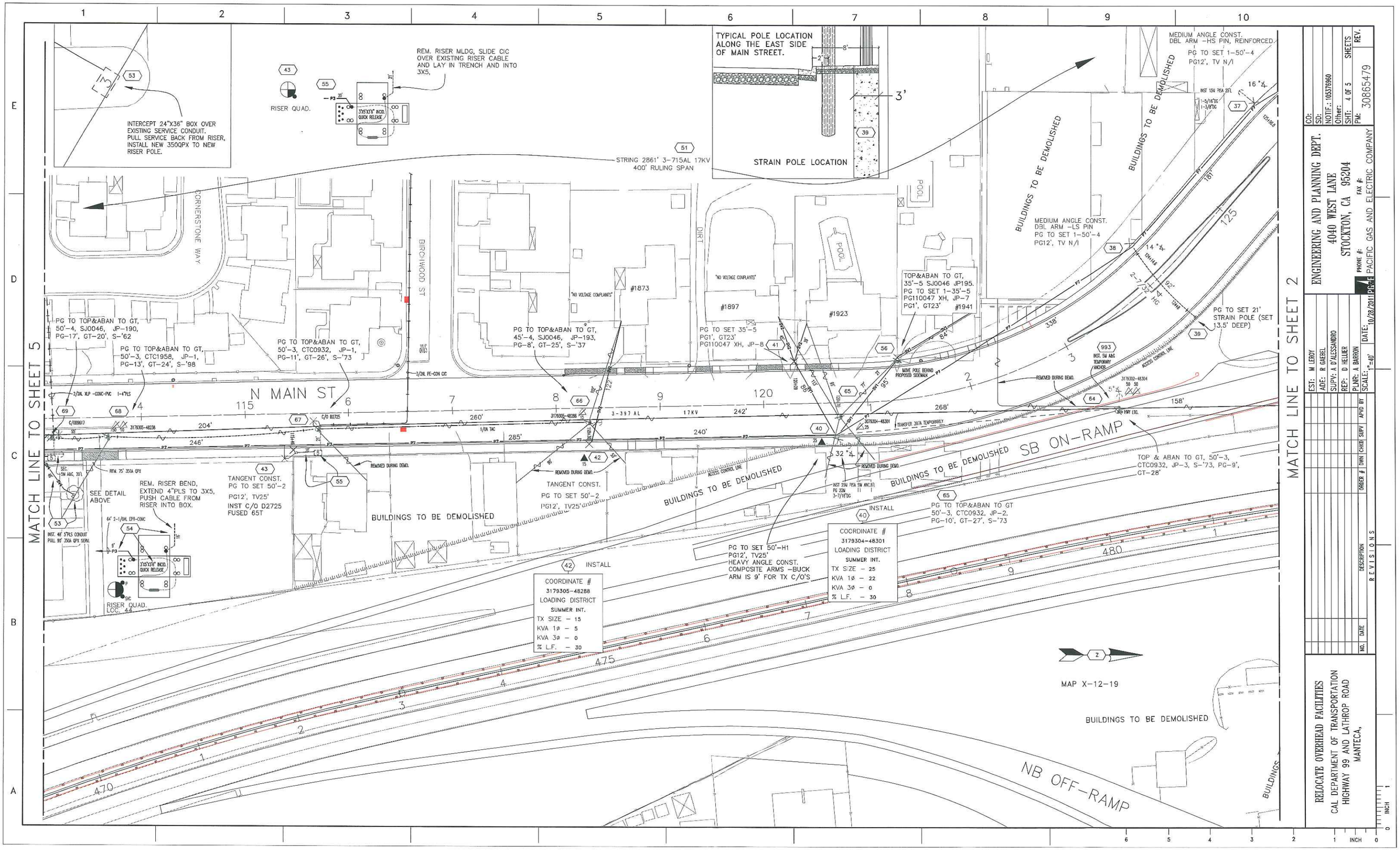
RELOCATE OVERHEAD FACILITIES
CAL DEPARTMENT OF TRANSPORTATION
HIGHWAY 99 AND LATHROP ROAD
MANTECA,

EST: M LEROY
ADE: R GAEBEL
SUPV: A D'ALESSANDRO
REP: D HELLER
PLNR: A BARRON
SCALE: 1"=40'
DATE: 10/14/2011

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #: FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 106379960
Other:
SHT: 3 OF 5
SHEETS
PM: 30865479
REV.

PS-12-02453


INTERCEPT 24"X36" BOX OVER EXISTING SERVICE CONDUIT. PULL SERVICE BACK FROM RISER, INSTALL NEW 350QPX TO NEW RISER POLE.
RISER QUAD.
REM. RISER MLDG, SLIDE C/C OVER EXISTING RISER CABLE AND LAY IN TRENCH AND INTO 3X5,
TYPICAL POLE LOCATION ALONG THE EAST SIDE OF MAIN STREET.
STRAIN POLE LOCATION
STRING 2861' 3-715AL 17KV 400' RULING SPAN
CORNERSTONE WAY
BIRCHWOOD ST
N MAIN ST
DIRT
POOL
#1873
#1897
#1923
#1941
"NO VOLTAGE COMPLAINTS"
BUILDINGS TO BE DEMOLISHED
MEDIUM ANGLE CONST. DBL ARM -HS PIN, REINFORCED. PG TO SET 1-50'-4 PG12', TV N/I
MEDIUM ANGLE CONST. DBL ARM -LS PIN PG TO SET 1-50'-4 PG12', TV N/I
PG TO TOP&ABAN TO GT, 50'-4, SJ0046, JP-190, PG-17', GT-20', S-'62
PG TO TOP&ABAN TO GT, 50'-3, CTC1958, JP-1, PG-13', GT-24', S-'98
PG TO TOP&ABAN TO GT, 50'-3, CTC0932, JP-1, PG-11', GT-26', S-'73
PG TO TOP&ABAN TO GT, 45'-4, SJ0046, JP-193, PG-8', GT-25', S-'37
PG TO SET 35'-5 PG1', GT23' PG110047 XH, JP-8
TOP&ABAN TO GT, 35'-5 SJ0046 JP195. PG TO SET 1-35'-5 PG110047 XH, JP-7 PG1', GT23'
PG TO SET 21' STRAIN POLE (SET 13.5' DEEP)
MOVE POLE BEHIND PROPOSED SIDEWALK
REMOVED DURING DEMO.
TANGENT CONST. PG TO SET 50'-2 PG12', TV25' INST C/O D2725 FUSED 65T
TANGENT CONST. PG TO SET 50'-2 PG12', TV25'
REM. RISER BEND, EXTEND 4"PLS TO 3X5, PUSH CABLE FROM RISER INTO BOX.
SEE DETAIL ABOVE
RISER QUAD. LOC 44
SB ON-RAMP
NB OFF-RAMP
TOP & ABAN TO GT, 50'-3, CTC0932, JP-3, S-'73, PG-9', GT-28'
PG TO TOP&ABAN TO GT 50'-3, CTC0932, JP-2, PG-10', GT-27', S-'73
PG TO SET 50'-H1 PG12', TV25' HEAVY ANGLE CONST. COMPOSITE ARMS -BUCK ARM IS 9' FOR TX C/O'S
INSTALL
COORDINATE # 3179305-48288 LOADING DISTRICT SUMMER INT. TX SIZE - 15 KVA 1Ø - 5 KVA 3Ø - 0 % L.F. - 30
COORDINATE # 3179304-48301 LOADING DISTRICT SUMMER INT. TX SIZE - 25 KVA 1Ø - 22 KVA 3Ø - 0 % L.F. - 30
MAP X-12-19
MATCH LINE TO SHEET 5
MATCH LINE TO SHEET 2
ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #: FAX #:
PACIFIC GAS AND ELECTRIC COMPANY
CO: SD: NOTIF.: 105378960 Other: SHT: 4 OF 5 SHEETS REV.
PM: 30865479
EST: M LEROY
ADE: R GAEBEL
SUPV: A D'ALESSANDRO
REP: D HELLER
PLNR: A BARRON
SCALE: 1"=40' DATE: 10/28/2011
APV'D BY SUPV CHK'D DWN ORDER # DESCRIPTION DATE NO.
REVISIONS
RELOCATE OVERHEAD FACILITIES
CAL DEPARTMENT OF TRANSPORTATION
HIGHWAY 99 AND LATHROP ROAD
MANTECA,
PS-12-02453

TYPICAL POLE LOCATION ALONG THE EAST SIDE OF MAIN STREET.

8'
2'

STRING 2885' 3-715AL 17KV
400' RULING SPAN

RAVENSTONE WAY
QUARRY STONE WAY
SANDSTONE WAY
FIELDSTONE LN

N MAIN ST

PG TO SET 30'-5
PG1', TV23'

INST 15W PSA 10L
PC 3W TV 3W
1-5/16"DG

1/32" HG (CONN. ABOVE X-ARM)

3/2AL XLP-CONC 17KV
IN 1-4"PLS CONDUIT

INST. 36' 1-4"PLS CONDUIT
140' 3-1/0AL EPR-CONC-PVC 17KV

INST C/O D9873
FUSED 40T

INST C/O D9617
FUSED 50T

3-397 AL 17KV

10 HWY LIG.
3179310-48144

DISC 6879

3-700AL XLPE 17KV
1-6"PLS.

PG TO SET 50'-4
PG12', TV25'
LIGHT ANGLE CONST

TANGENT CONST.
PG TO SET 50'-2
PG12', TV25'

TOP & ABAN TO GT, 55'-3
SJ0046, JP-188
PG14', GT30', S-'54

RETAINING WALL

SEC.
5W AAS, 201
ADD RGD EXTENSION
DUE TO FILL.

TANGENT CONST.
PG TO SET 50'-2
PG12', TV25'

4/0 OAC

4/0AR QPX

TOP & ABAN TO GT,
50'-3 CTC01923, JP-1
PG13', GT24', S-'97

TANGENT CONST.
PG TO SET 50'-2
PG12', TV25'

INSTALL
45

COORDINATE #
3179308-48216
LOADING DISTRICT
SUMMER INT.
TX SIZE - 50/15
KVA 1Ø - 35
KVA 3Ø - 15
% L.F. - 35

#1654
100KA 3Ø
23KA 1Ø

#1726
5KVA 3Ø
120KA 1Ø

TANGENT CONST.
PG TO SET 50'-2
PG12', TV25'

RISER QUAD.
LOC. 44

8HRS LBR TO
LAY-DOWN RISER
INTO BOX.

3'X-'X3'6" INCLD.
QUICK RELEASE

RING 4" CONDUIT, INST 90° 3'R BENDS
ON 4" CONDUIT. EXTEND 4"PLS TO 3X5.
REUSE CABLE FROM RISER AND PUSH
INTO BOX. AT EXISTING RISER INST 45°
BEND TO NEW RISER.

TO EXISTING RISER

RISER QUAD.
LOC. 46

MAP X-12-24

MATCH LINE TO SHEET 4

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #: FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

CO:
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NOTIF.: 105376960
Other:
SHT: 5 OF 5 SHEETS
PM: 30865479 REV.

EST: M LEROY
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SUPV: A D'ALESSANDRO
REP: D HELLER
PLNR: A BARRON
SCALE: 1"=40'
DATE: 10/14/2011

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY

REVISIONS

RELOCATE OVERHEAD FACILITIES
CAL DEPARTMENT OF TRANSPORTATION
HIGHWAY 99 AND LATHROP ROAD
MANTECA,

PS-12-02453