DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	275S2	1204

REGISTERED ELECTRICAL ENGINEER 8/24/07 DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MANUEL FUMIO TAKATA No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

PB AMERICAS, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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Caltrans Metric

TOWER 600 V CABLE TRAY LOCATION

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
NW	48.130 m	3T20H
NW	53.530 m	3T20J
NW	56.000 m	3T20K
NW	59.000 m	3T20L
NW	62.000 m	3T20M
NW	65.530 m	3T20N
NW	68.000 m	3T20P
NW	71.000 m	3T20Q
NW	74.000 m	3T20R
NW	77.530 m	3T20S
NW	80.750 m	3T21A
NW	85.250 m	3T21B
NW	89.530 m	3T21C
NW	92.500 m	3T21D
NW	95.500 m	3T21E
NW	99.530 m	3T21F
NW	102.500 m	3T21G
NW	105.500 m	3T21H
NW	109.530 m	3T21J
NW	111.670 m	3T21K
NW	116.330 m	3T21L
NW	119.530 m	3T21M
NW	123.530 m	3T21N
NW	127.530 m	3T21P
NW	131.530 m	3T21Q
NW	135.530 m	3T21R
NW	139.530 m	3T21S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
NE	13.000 m	3T22A
NE	15.000 m	3T22AA
NE	18.530 m	3T22B
NE	23.530 m	3T22C
NE	28.530 m	3T22D
NE	33.530 m	3T22E
NE	38.530 m	3T22F
NE	43.530 m	3T22G
NE	48.130 m	3T22H
NE	53.530 m	3T22J
NE	56.000 m	3T22K

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SW	13.000 m	3T24A
SW	15.000 m	3T24AA
SW	18.530 m	3T24B
SW	23.530 m	3T24C
SW	28.530 m	3T24D
SW	33.530 m	3T24E
SW	38.530 m	3T24F
SW	43.530 m	3T24G
SW	48.130 m	3T24H
SW	53.530 m	3T24J
SW	56.000 m	3T24K
SW	59.000 m	3T24L
SW	62.000 m	3T24M
SW	65.530 m	3T24N
SW	68.000 m	3T24P
SW	71.000 m	3T24Q
SW	74.000 m	3T24R
SW	77.530 m	3T24S
SW	80.750 m	3T25A
SW	85.250 m	3T25B
SW	89.530 m	3T25C
SW	92.500 m	3T25D
SW	95.500 m	3T25E
SW	99.530 m	3T25F
SW	102.500 m	3T25G
SW	105.500 m	3T25H
SW	109.530 m	3T25J
SW	111.670 m	3T25K
SW	116.330 m	3T25L
SW	119.530 m	3T25M
SW	123.530 m	3T25N
SW	127.530 m	3T25P
SW	131.530 m	3T25Q
SW	135.530 m	3T25R
SW	139.530 m	3T25S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SE	13.000 m	3T26A
SE	15.000 m	3T26AA
SE	18.530 m	3T26B
SE	23.530 m	3T26C
SE	28.530 m	3T26D
SE	33.530 m	3T26E
SE	38.530 m	3T26F
SE	43.530 m	3T26G
SE	48.130 m	3T26H
SE	53.530 m	3T26J
SE	56.000 m	3T26K
SE	59.000 m	3T26L
SE	62.000 m	3T26M
SE	65.530 m	3T26N
SE	68.000 m	3T26P
SE	71.000 m	3T26Q
SE	74.000 m	3T26R
SE	77.530 m	3T26S
SE	80.750 m	3T27A
SE	85.250 m	3T27B
SE	89.530 m	3T27C
SE	92.500 m	3T27D
SE	95.500 m	3T27E
SE	99.530 m	3T27F
SE	102.500 m	3T27G
SE	105.500 m	3T27H
SE	109.530 m	3T27J
SE	111.670 m	3T27K
SE	116.330 m	3T27L
SE	119.530 m	3T27M
SE	123.530 m	3T27N
SE	127.530 m	3T27P
SE	131.530 m	3T27Q
SE	135.530 m	3T27R
SE	139.530 m	3T27S

TOWER TOS/COM CABLE TRAY LOCATION

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
NE	13.000 m	3T42A
NE	15.000 m	3T42AA
NE	18.530 m	3T42B
NE	23.530 m	3T42C
NE	28.530 m	3T42D
NE	33.530 m	3T42E
NE	38.530 m	3T42F
NE	43.530 m	3T42G
NE	48.130 m	3T42H
NE	53.530 m	3T42J
NE	56.000 m	3T42K
NE	59.000 m	3T42L
NE	62.000 m	3T42M
NE	65.530 m	3T42N
NE	68.000 m	3T42P
NE	71.000 m	3T42Q
NE	74.000 m	3T42R
NE	77.530 m	3T42S
NE	80.750 m	3T43A
NE	85.250 m	3T43B
NE	89.530 m	3T43C
NE	92.500 m	3T43D
NE	95.500 m	3T43E
NE	99.530 m	3T43F
NE	102.500 m	3T43G
NE	105.500 m	3T43H
NE	109.530 m	3T43J
NE	111.670 m	3T43K
NE	116.330 m	3T43L
NE	119.530 m	3T43M
NE	123.530 m	3T43N
NE	127.530 m	3T43P
NE	131.530 m	3T43Q
NE	135.530 m	3T43R
NE	139.530 m	3T43S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SW	13.000 m	3T44A
SW	15.000 m	3T44AA
SW	18.530 m	3T44B
SW	23.530 m	3T44C
SW	28.530 m	3T44D
SW	33.530 m	3T44E
SW	38.530 m	3T44F
SW	43.530 m	3T44G
SW	48.130 m	3T44H
SW	53.530 m	3T44J
SW	56.000 m	3T44K
SW	59.000 m	3T44L
SW	62.000 m	3T44M
SW	65.530 m	3T44N
SW	68.000 m	3T44P
SW	71.000 m	3T44Q
SW	74.000 m	3T44R
SW	77.530 m	3T44S
SW	80.750 m	3T45A
SW	85.250 m	3T45B
SW	89.530 m	3T45C
SW	92.500 m	3T45D
SW	95.500 m	3T45E
SW	99.530 m	3T45F
SW	102.500 m	3T45G
SW	105.500 m	3T45H
SW	109.530 m	3T45J
SW	111.670 m	3T45K
SW	116.330 m	3T45L
SW	119.530 m	3T45M
SW	123.530 m	3T45N
SW	127.530 m	3T45P
SW	131.530 m	3T45Q
SW	135.530 m	3T45R
SW	139.530 m	3T45S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SE	48.130 m	3T46H
SE	53.530 m	3T46J
SE	56.000 m	3T46K
SE	59.000 m	3T46L
SE	62.000 m	3T46M
SE	65.530 m	3T46N
SE	68.000 m	3T46P
SE	71.000 m	3T46Q
SE	74.000 m	3T46R
SE	77.530 m	3T46S
SE	80.750 m	3T47A
SE	85.250 m	3T47B
SE	89.530 m	3T47C
SE	92.500 m	3T47D
SE	95.500 m	3T47E
SE	99.530 m	3T47F
SE	102.500 m	3T47G
SE	105.500 m	3T47H
SE	109.530 m	3T47J
SE	111.670 m	3T47K
SE	116.330 m	3T47L
SE	119.530 m	3T47M
SE	123.530 m	3T47N
SE	127.530 m	3T47P
SE	131.530 m	3T47Q
SE	135.530 m	3T47R
SE	139.530 m	3T47S

NOTES:

1. See Sheets E-270A and E-270C for tower cable trays location and typical installation details.
2. The cable tray elevations specified in the table represents the lower end of cable tray section located within the specified diaphragm plate elevation.
3. Kellems cable riser support grip shall be installed at top end of cable entering the cable tray. Maximum vertical spacing between cable grips is 30 m.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
0	02/19/08	ELECTRICAL MODIFICATIONS	MP EL	RR	42

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

DETAILS
TOWER AND AND SUSPENSION CABLE CABLE TRAY LOCATION
SCALE AS NOTED

E-270B

REVISED BY	DATE REVISED
DATE 3/07	7/07
RG	RR

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 5/9/2008
TIME PLOTTED => 2:24:14 PM

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CCO42\04-0120f1_0275S02.dgn
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