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 MANNELL FUMIO TAKAKI 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	47.600 m	3T20H
NW	53.000 m	3T20J
NW	56.000 m	3T20K
NW	59.000 m	3T20L
NW	62.000 m	3T20M
NW	65.000 m	3T20N
NW	68.000 m	3T20P
NW	71.000 m	3T20Q
NW	74.000 m	3T20R
NW	77.000 m	3T20S
NW	80.750 m	3T21A
NW	85.250 m	3T21B
NW	89.000 m	3T21C
NW	92.500 m	3T21D
NW	95.500 m	3T21E
NW	99.000 m	3T21F
NW	102.500 m	3T21G
NW	105.500 m	3T21H
NW	109.000 m	3T21J
NW	111.670 m	3T21K
NW	116.330 m	3T21L
NW	119.000 m	3T21M
NW	123.000 m	3T21N
NW	127.000 m	3T21P
NW	131.000 m	3T21Q
NW	135.000 m	3T21R
NW	139.000 m	3T21S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
NE	13.000 m	3T22A
NE	15.000 m	3T22AA
NE	18.000 m	3T22B
NE	23.000 m	3T22C
NE	28.000 m	3T22D
NE	33.000 m	3T22E
NE	38.000 m	3T22F
NE	43.000 m	3T22G
NE	47.600 m	3T22H
NE	53.000 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	18.000 m	3T24B
SW	23.000 m	3T24C
SW	28.000 m	3T24D
SW	33.000 m	3T24E
SW	38.000 m	3T24F
SW	43.000 m	3T24G
SW	47.600 m	3T24H
SW	53.000 m	3T24J
SW	56.000 m	3T24K
SW	59.000 m	3T24L
SW	62.000 m	3T24M
SW	65.000 m	3T24N
SW	68.000 m	3T24P
SW	71.000 m	3T24Q
SW	74.000 m	3T24R
SW	77.000 m	3T24S
SW	80.750 m	3T25A
SW	85.250 m	3T25B
SW	89.000 m	3T25C
SW	92.500 m	3T25D
SW	95.500 m	3T25E
SW	99.000 m	3T25F
SW	102.500 m	3T25G
SW	105.500 m	3T25H
SW	109.000 m	3T25J
SW	111.670 m	3T25K
SW	116.330 m	3T25L
SW	119.000 m	3T25M
SW	123.000 m	3T25N
SW	127.000 m	3T25P
SW	131.000 m	3T25Q
SW	135.000 m	3T25R
SW	139.000 m	3T25S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SE	13.000 m	3T26A
SE	15.000 m	3T26AA
SE	18.000 m	3T26B
SE	23.000 m	3T26C
SE	28.000 m	3T26D
SE	33.000 m	3T26E
SE	38.000 m	3T26F
SE	43.000 m	3T26G
SE	47.600 m	3T26H
SE	53.000 m	3T26J
SE	56.000 m	3T26K
SE	59.000 m	3T26L
SE	62.000 m	3T26M
SE	65.000 m	3T26N
SE	68.000 m	3T26P
SE	71.000 m	3T26Q
SE	74.000 m	3T26R
SE	77.000 m	3T26S
SE	80.750 m	3T27A
SE	85.250 m	3T27B
SE	89.000 m	3T27C
SE	92.500 m	3T27D
SE	95.500 m	3T27E
SE	99.000 m	3T27F
SE	102.500 m	3T27G
SE	105.500 m	3T27H
SE	109.000 m	3T27J
SE	111.670 m	3T27K
SE	116.330 m	3T27L
SE	119.000 m	3T27M
SE	123.000 m	3T27N
SE	127.000 m	3T27P
SE	131.000 m	3T27Q
SE	135.000 m	3T27R
SE	139.000 m	3T27S

TOWER TOS/COM CABLE TRAY LOCATION

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
NE	13.000 m	3T42A
NE	15.000 m	3T42AA
NE	18.000 m	3T42B
NE	23.000 m	3T42C
NE	28.000 m	3T42D
NE	33.000 m	3T42E
NE	38.000 m	3T42F
NE	43.000 m	3T42G
NE	47.600 m	3T42H
NE	53.000 m	3T42J
NE	56.000 m	3T42K
NE	59.000 m	3T42L
NE	62.000 m	3T42M
NE	65.000 m	3T42N
NE	68.000 m	3T42P
NE	71.000 m	3T42Q
NE	74.000 m	3T42R
NE	77.000 m	3T42S
NE	80.750 m	3T43A
NE	85.250 m	3T43B
NE	89.000 m	3T43C
NE	92.500 m	3T43D
NE	95.500 m	3T43E
NE	99.000 m	3T43F
NE	102.500 m	3T43G
NE	105.500 m	3T43H
NE	109.000 m	3T43J
NE	111.670 m	3T43K
NE	116.330 m	3T43L
NE	119.000 m	3T43M
NE	123.000 m	3T43N
NE	127.000 m	3T43P
NE	131.000 m	3T43Q
NE	135.000 m	3T43R
NE	139.000 m	3T43S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SW	13.000 m	3T44A
SW	15.000 m	3T44AA
SW	18.000 m	3T44B
SW	23.000 m	3T44C
SW	28.000 m	3T44D
SW	33.000 m	3T44E
SW	38.000 m	3T44F
SW	43.000 m	3T44G
SW	47.600 m	3T44H
SW	53.000 m	3T44J
SW	56.000 m	3T44K
SW	59.000 m	3T44L
SW	62.000 m	3T44M
SW	65.000 m	3T44N
SW	68.000 m	3T44P
SW	71.000 m	3T44Q
SW	74.000 m	3T44R
SW	77.000 m	3T44S
SW	80.750 m	3T45A
SW	85.250 m	3T45B
SW	89.000 m	3T45C
SW	92.500 m	3T45D
SW	95.500 m	3T45E
SW	99.000 m	3T45F
SW	102.500 m	3T45G
SW	105.500 m	3T45H
SW	109.000 m	3T45J
SW	111.670 m	3T45K
SW	116.330 m	3T45L
SW	119.000 m	3T45M
SW	123.000 m	3T45N
SW	127.000 m	3T45P
SW	131.000 m	3T45Q
SW	135.000 m	3T45R
SW	139.000 m	3T45S

TOWER	CL DIAPHRAGM (ELEVATION)	CABLE TRAY ID
SE	47.600 m	3T46H
SE	53.000 m	3T46J
SE	56.000 m	3T46K
SE	59.000 m	3T46L
SE	62.000 m	3T46M
SE	65.000 m	3T46N
SE	68.000 m	3T46P
SE	71.000 m	3T46Q
SE	74.000 m	3T46R
SE	77.000 m	3T46S
SE	80.750 m	3T47A
SE	85.250 m	3T47B
SE	89.000 m	3T47C
SE	92.500 m	3T47D
SE	95.500 m	3T47E
SE	99.000 m	3T47F
SE	102.500 m	3T47G
SE	105.500 m	3T47H
SE	109.000 m	3T47J
SE	111.670 m	3T47K
SE	116.330 m	3T47L
SE	119.000 m	3T47M
SE	123.000 m	3T47N
SE	127.000 m	3T47P
SE	131.000 m	3T47Q
SE	135.000 m	3T47R
SE	139.000 m	3T47S

NOTES:

1. See Sheets E-270A and E-270C for tower cable trays location and typical installation details.

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

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

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

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

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USERNAME =>llorico

CU 04251

EA 0120F1

LAST REVISION 00-00-00
DATE PLOTTED => 3/17/2008
TIME PLOTTED => 5:16:04 PM