

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 BEHZAD GOLEMOHAMMADI
 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE 01/10
 REVISED BY
 DATE 01/10
 SYNC
 FW



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204

REGISTERED ELECTRICAL ENGINEER
Syn Yee Chin
 DATE 03/08/10
 PLANS APPROVAL DATE
 05-06-2010
PB AMERICAS, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER
SYN YEE CHIN
 No. 18186
 Exp. 09/30/2011
 ELECTRICAL
 STATE OF CALIFORNIA

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REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

03/08/10	MEP INTEGRATION	SYC	FW	110
MARK	DATE	DESCRIPTIONS	BY	CH'D/CCO#
		REVISIONS		

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

Conduit/Tray No: 6302 Reference: E-617, E-656
 Size: 103 Type: RGS conduit
 From: Hinge EW Girder Interface To: 12.47 kV Vault
 Total Fill (mm2): 3115.90 Remarks: Installed in OTD-1 contract. System Ground cable is existing.
 Allowable Fill (mm2): 3324.51

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1392	3-1/C #4/0, 15 KV, EPR insulation	2780.99
Pull Rope	Soft-Fiber Polyester	0.00
System Ground	500 kcmil, bare copper wire, stranded	334.91

Conduit/Tray No: 6530 Reference: E-642
 Size: 103 Type: Liquidtight flex metal conduit
 From: 1T10 To: 6531
 Total Fill (mm2): 3115.90 Remarks: Installed in Skyway contract. System Ground cable is existing.
 Allowable Fill (mm2): 3275.44

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1391	3-1/C #4/0, 15 KV, EPR insulation	2780.99
System Ground	500 kcmil, bare copper wire, stranded	334.91
Pull Rope	Soft-Fiber Polyester	0.00

Conduit/Tray No: 6531 Reference: E-642
 Size: 103 Type: RGS conduit
 From: 6530 To: 6532
 Total Fill (mm2): 3115.90 Remarks: Installed in Skyway contract. System Ground cable is existing.
 Allowable Fill (mm2): 3324.51

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1391	3-1/C #4/0, 15 KV, EPR insulation	2780.99
System Ground	500 kcmil, bare copper wire, stranded	334.91
Pull Rope	Soft-Fiber Polyester	0.00

Conduit/Tray No: 6532 Reference: E-642
 Size: 103 Type: Liquidtight flex metal conduit
 From: 6531 To: 1T11
 Total Fill (mm2): 3115.90 Remarks: Installed in Skyway contract. System Ground cable is existing.
 Allowable Fill (mm2): 3275.44

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1391	3-1/C #4/0, 15 KV, EPR insulation	2780.99
System Ground	500 kcmil, bare copper wire, stranded	334.91
Pull Rope	Soft-Fiber Polyester	0.00

Conduit/Tray No: 6554 Reference: E-642
 Size: 103 Type: Liquidtight flex metal conduit
 From: 1T40 To: 6559
 Total Fill (mm2): 647.30 Remarks: Installed in Skyway contract.
 Allowable Fill (mm2): 3275.44

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1475-4	72 Fiber, single mode fiber optic riser cable inside innerduct	323.65
1477-3	72 Fiber, single mode fiber optic riser cable inside innerduct	323.65
Pull Rope	Soft-Fiber Polyester	0.00
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00

Conduit/Tray No: 6559 Reference: E-642
 Size: 103 Type: RGS conduit
 From: 6554 To: 6564
 Total Fill (mm2): 647.30 Remarks: Installed in Skyway contract.
 Allowable Fill (mm2): 3324.51

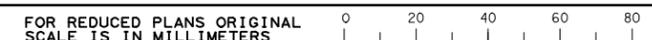
Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1475-4	72 Fiber, single mode fiber optic riser cable inside innerduct	323.65
1477-3	72 Fiber, single mode fiber optic riser cable inside innerduct	323.65
Pull Rope	Soft-Fiber Polyester	0.00
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00

**EXISTING
 CONDUIT AND TRAY SCHEDULE**

E-1026

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.



DGN FILE => 04-0120f1_E-1026.dgn
 USERNAME => ilorico

CU 04251

EA 0120F1

LAST REVISION 00-00-00
 DATE PLOTTED => 06-MAY-2010
 TIME PLOTTED => 18:46