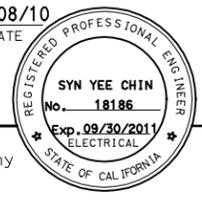


x
 REVISOR
 DATE
 01/10
 SYC
 FW
 CALCULATED/DESIGNED BY
 CHECKED BY
 BEHZAD GOLEHAMMADI
 DESIGN OVERSIGHT
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans
 x
 x
 x



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF, Ala	80	12.2/14.3	0.0/4.0	407a	1204
					03/08/10	
					REGISTERED ELECTRICAL ENGINEER	
					DATE	
					05-06-2010	
					PLANS APPROVAL DATE	
					PB AMERICAS, Inc.	
					A Parsons Brinckerhoff Company	
					303 Second St., Suite 700N	
					San Francisco, CA 94107-1317	
<i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</i>						
<i>Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov</i>						



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: 1T43 Reference: E-615, E-616
 Size: 305 Type: 152 mm siderail solid bottom tray
 From: Hinge DW To: Hinge EW Girder Interface
 Total Fill (mm2): 2526.50 Remarks: Installed in Skyway contract. All cables are existing except 72 and 12 Fiber.
 Allowable Fill (mm2): 19354.80

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
1473-22	50 pair #18, shielded pairs, IS/OS shield 600 V, XLPE insul., PVC jacket	1201.71
1475-4	72 Fiber, single mode fiber optic riser cable	323.65
1475-4K	12 Fiber, single mode fiber optic cable	30.19
1475-5	72 Fiber, single mode fiber optic riser cable	323.65
1477-3	72 Fiber, single mode fiber optic riser cable	323.65
1477-4	72 Fiber, single mode fiber optic riser cable	323.65

Conduit/Tray No: 2516 Reference: E-823A
 Size: 103 Type: Liquidtight flex metal conduit
 From: 2T40 To: 2521
 Total Fill (mm2): 323.65 Remarks: Installed in Skyway contract.
 Allowable Fill (mm2): 3275.44

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
2475-4	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
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00

Conduit/Tray No: 2521 Reference: E-823A
 Size: 103 Type: RGS conduit
 From: 2516 To: 2525
 Total Fill (mm2): 323.65 Remarks: Installed in Skyway contract.
 Allowable Fill (mm2): 3324.51

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
2475-4	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
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00

Conduit/Tray No: 2525 Reference: E-823A
 Size: 103 Type: Liquidtight flex metal conduit
 From: 2521 To: 2T41 (on Skyway)
 Total Fill (mm2): 323.65 Remarks: Installed in Skyway contract.
 Allowable Fill (mm2): 3275.44

Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
2475-4	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
Spare Innerduct	25.4mm Smoothwall Innerduct	0.00

Conduit/Tray No: 2544 Reference: E-823A
 Size: 103 Type: Liquidtight flex metal conduit
 From: 2T10 To: 2545
 Total Fill (mm2): 3115.90 Remarks: Installed in Skyway contract. System Ground cable is existing.
 Allowable Fill (mm2): 3275.44

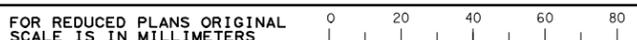
Description of Changes:

Included Cable No.	Conductor Type	Area (mm2)
2391	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

**EXISTING
CONDUIT AND TRAY SCHEDULE**

E-1005

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.



DGN FILE => 04-0120f1_E-1005.dgn
USERNAME => ilorico

CU 04251

EA 0120F1

LAST REVISION
 00-00-00
 DATE PLOTTED => 25-MAY-2010
 TIME PLOTTED => 15:19