| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|---|---|---|---|---|---|
| 04 | SF | 80 | 13.2/13.9 | 370R1 | 1204 |

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
|---|---|---|---|---|---|
| 1 | 02/19/08 | ELECTRICAL MODIFICATIONS | MP EL | RR | 42 |

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

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

FOR REVISION ONLY

Caltrans Metric

12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER JENS ERLINGSSON No. 8249 Exp. 9/30/06 ELECTRICAL STATE OF CALIFORNIA

12-6-04
PLANS APPROVAL DATE

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

*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.*

*Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov*

## CONDUIT DATA

| Conduit No | Reference | Size | Type | Total Fill (mm²) | Allowable Fill (mm²) | Included Cable No. | Conductor Type |
|---|---|---|---|---|---|---|---|
| 2551 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-2,4A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2552 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-2,4A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2553 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-2,4A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2554 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-2,4A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2555 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-2,4A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2556 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2557 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2558 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2559 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2560 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2561 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2562 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2563 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | LP223-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2611 | E-135 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2612 | E-135 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2613 | E-135 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2614 | E-136 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2615 | E-136 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2616 | E-136 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2617 | E-136 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2618 | E-137 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2619 | E-137 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2620 | E-137 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2621 | E-137 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2622 | E-138 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2623 | E-138 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2624 | E-138 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2625 | E-138 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2626 | E-139 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2627 | E-139 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2628 | E-139 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2629 | E-139 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2630 | E-139 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2631 | E-140 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2637 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 2638 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2639 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2640 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2641 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |

## CONDUIT DATA

| Conduit No | Reference | Size | Type | Total Fill (mm²) | Allowable Fill (mm²) | Included Cable No. | Conductor Type |
|---|---|---|---|---|---|---|---|
| 2642 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2643 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2644 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2645 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2646 | E-138 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2647 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2648 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2649 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2013-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2650 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2651 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2652 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2653 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2654 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2655 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2656 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2657 | E-139 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2658 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2659 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2660 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2661 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2662 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2663 | E-140 | 41 | RGS conduit | 212.85 | 534.55 | A-2014-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 2664 | E-135 | 41 | RGS conduit | 212.85 | 534.55 | LP219-6,8A | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 1 ~~2757~~ | | | | | | | |
| 2758 | E-135 | 41 | RGS conduit, PVC Coated | | | | |
| 2759 | E-135 | 41 | RGS conduit | 440.31 | 534.55 | A-3031-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| | | | | | | UP205-6 | 1-2/C + gnd #8,600 V, EPR insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |

For continuation, see next sheet.

# CONDUIT AND TRAY SCHEDULE

E-415

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

| CALCULATED/ DESIGNED BY | PBP | DATE 8/02 | REVISED BY | DATE REVISED |
|---|---|---|---|---|
| CHECKED BY | AB | 8/02 | | |

LAST REVISION 00-00-00
DATE PLOTTED => 3/17/2008
TIME PLOTTED => 5:33:30 PM

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_0370R01.dgn
USERNAME =>llorico
CU 04251
EA 0120F1