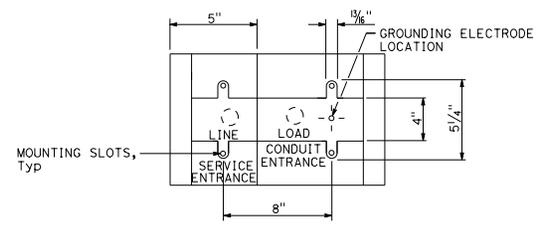
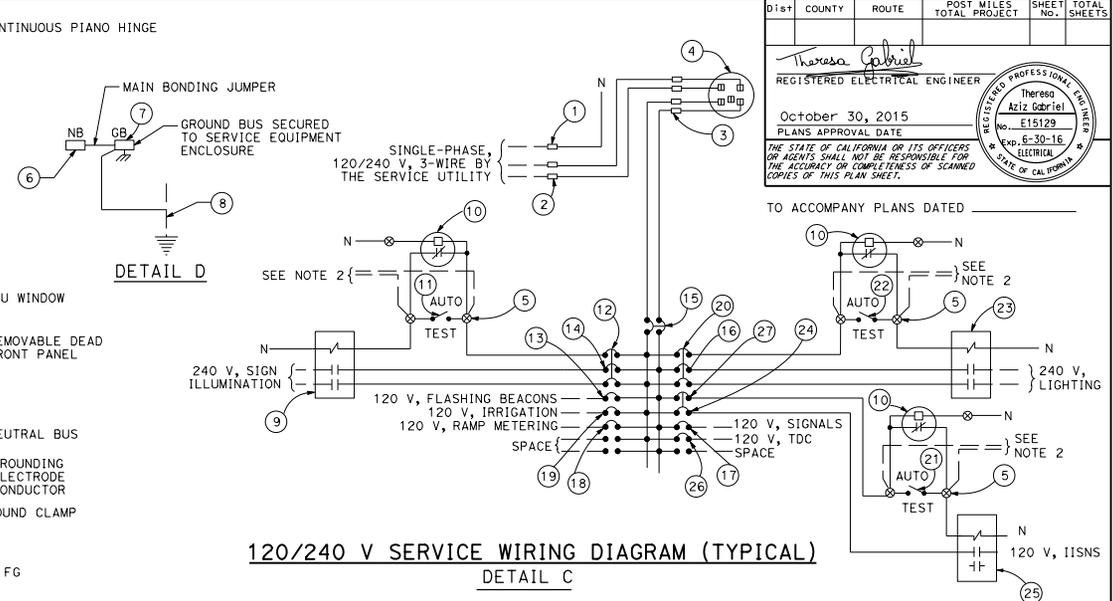


TYPE III-AF SERVICE EQUIPMENT ENCLOSURE (TYPICAL)
DETAIL A



BASE FOR TYPE III-A SERVICE EQUIPMENT ENCLOSURE
DETAIL B



120/240 V SERVICE WIRING DIAGRAM (TYPICAL)
DETAIL C

| TYPE III-A SERVICE EQUIPMENT ENCLOSURE LEGEND (120/240 V) | | | | | |
|---|-----------------------------|-------------------------------|------|------------------------|-------------------------------|
| ITEM | COMPONENT | NAMEPLATE DESCRIPTION | ITEM | COMPONENT | NAMEPLATE DESCRIPTION |
| (1) | NEUTRAL LUG | | (14) | 30 A, 240 V, 2P, CB | SIGN ILLUMINATION |
| (2) | LANDING LUG | | (15) | 100 A, 240 V, 2P, CB | MAIN BREAKER |
| (3) | TEST BYPASS FACILITY | | (16) | 30 A, 240 V, 2P, CB | LIGHTING |
| (4) | METER SOCKET AND SUPPORT | | (17) | 50 A, 120 V, 1P, CB | SIGNALS |
| (5) | TERMINAL BLOCKS | | (18) | 30 A, 120 V, 1P, CB | RAMP METERING |
| (6) | NEUTRAL BUS | | (19) | 20 A, 120 V, 1P, CB | IRRIGATION |
| (7) | GROUND BUS | | (20) | 15 A, 120 V, 1P, CB | LIGHTING CONTROL |
| (8) | GROUNDING ELECTRODE | | (21) | 15 A, 1P, TEST SWITCH | IISNS TEST SWITCH |
| (9) | 30 A, 2P, NO CONTACTOR | SIGN ILLUMINATION | (22) | 15 A, 1P, TEST SWITCH | LIGHTING TEST SWITCH |
| (10) | PHOTOELECTRIC UNIT (NOTE 4) | PEU | (23) | 60 A, 2P, NO CONTACTOR | LIGHTING |
| (11) | 15 A, 1P, TEST SWITCH | SIGN ILLUMINATION TEST SWITCH | (24) | 15 A, 120 V, 1P, CB | IISNS |
| (12) | 15 A, 120 V, 1P, CB | SIGN ILLUMINATION CONTROL | (25) | 30 A, 2P, NO CONTACTOR | IISNS |
| (13) | 15 A, 120 V, 1P, CB | FLASHING BEACON | (26) | 20 A, 120 V, 1P, CB | TELEPHONE DEMARCATION CABINET |
| | | | (27) | 15 A, 120 V, 1P, CB | IISNS CONTROL |

- NOTES:**
- Unless otherwise indicated on the plans, service equipment items shall be provided for each service equipment enclosure as shown.
 - Connect to remote test switch mounted on lighting standards, sign post or structure when required.
 - Items (1) and (6) shall be isolated from the service equipment enclosure.
 - Type I photoelectric control shall be used unless otherwise indicated on the plans.
 - Item (12), (24) and (27) shall be ganged operated CB.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
(SERVICE EQUIPMENT ENCLOSURE
AND TYPICAL WIRING DIAGRAM,
TYPE III-A SERIES)**

NO SCALE

RSP ES-2D DATED OCTOBER 30, 2015 SUPERSEDES STANDARD PLAN ES-2D DATED MAY 20, 2011 - PAGE 431 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-2D

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| | | | | | |

Theresa Gabriel
REGISTERED ELECTRICAL ENGINEER
October 30, 2015
PLANS APPROVAL DATE
No. E15129
Exp. 6-30-16
ELECTRICAL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

2010 REVISED STANDARD PLAN RSP ES-2D