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|------|--------|-------|-----------------------------|--------------|-----------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| | | | | | |

Theresa Gabriel
REGISTERED ELECTRICAL ENGINEER

April 15, 2016
PLANS APPROVAL DATE

Theresa
Aziz Gabriel
No. E15129
Exp. 6-30-16
ELECTRICAL
STATE OF CALIFORNIA

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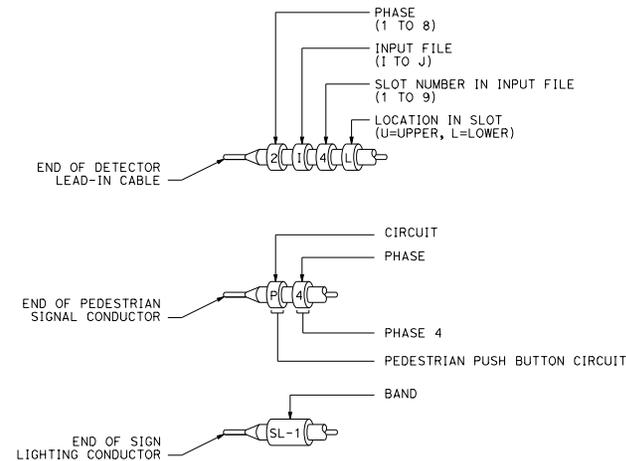
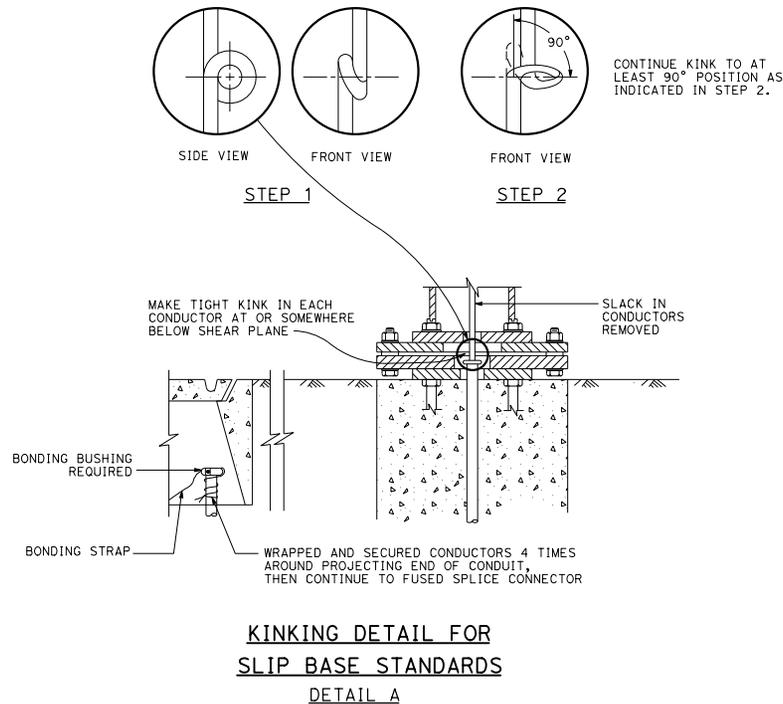
TO ACCOMPANY PLANS DATED _____

| CIRCUIT VOLTAGE | FUSE VOLTAGE RATING | FUSE CURRENT RATING | | | | | | |
|-----------------|---------------------|---------------------|-------|-----------------------------|-------------------------|---|-------|-------|
| | | HPS LAMP BALLAST | | LOW PRESSURE SODIUM BALLAST | INDUCTION SIGN LIGHTING | SINGLE PHASE (TWO WIRE) TRANSFORMERS (PRIMARY SIDE) | | |
| | | 70 W | 100 W | 180 W | 85 W | 1 kVA | 2 kVA | 3 kVA |
| 120 V | 250 V | 5 A | 5 A | 5 A | 5 A | 10 A | 20 A | 30 A |
| 240 V | 250 V | 5 A | 5 A | 5 A | 5 A | 6 A | 10 A | 20 A |
| 480 V | 500-600 V | 5 A | 5 A | 3 A | 1 A (SEE NOTE 2) | 3 A | 6 A | 10 A |

NOTES:

1. Primary lines of multiple ballasts shall be provided with fused connectors. Fuse ratings shall be as noted above.
2. See Standard Plan ES-15D, Type SC3 control.

FUSE RATINGS FOR FUSED CONNECTORS



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
(FUSE RATING, KINKING AND BANDING DETAIL)**

NO SCALE

RSP ES-13B DATED APRIL 15, 2016 SUPERSEDES STANDARD PLAN ES-13B
DATED OCTOBER 30, 2015 - PAGE 485 OF THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP ES-13B

2015 REVISED STANDARD PLAN RSP ES-13B