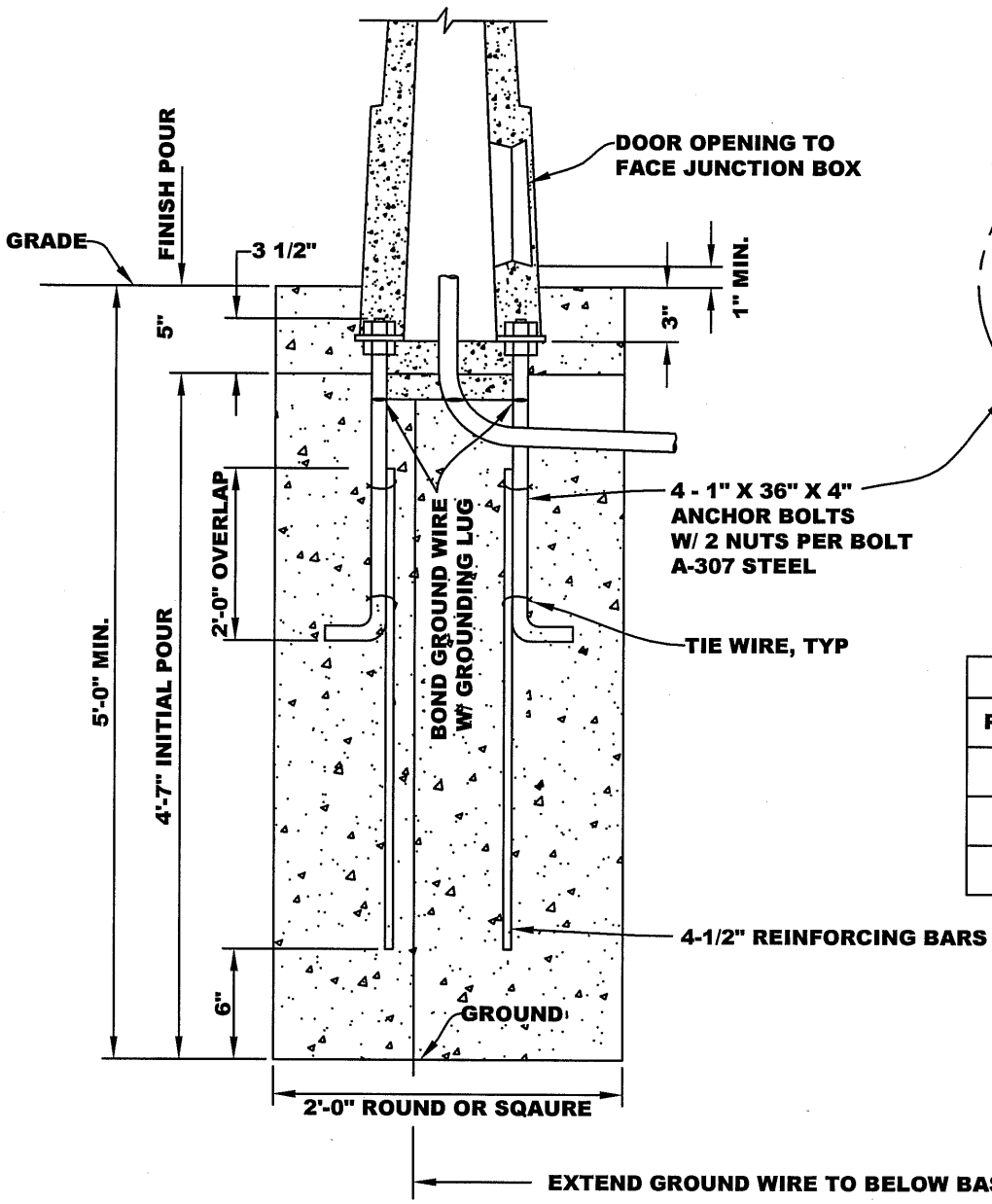
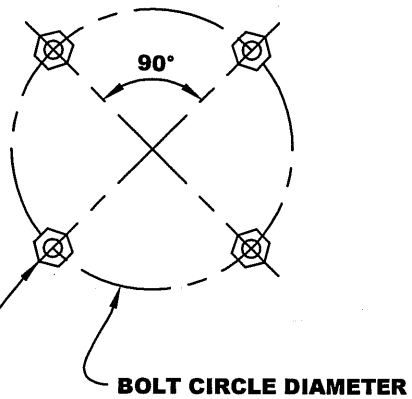



| BOLT CIRCLE DIAMETER | | |
|---|---|---|
| POLE TYPE | MIN. | MAX. |
| A | 12 1/2" | 15 1/2" |
| B | 13 1/2" | 15 1/2" |
| C | 12 1/2" | 15 1/2" |

**NOTES:**

1. FINISH POUR SHALL BE MADE ONLY AFTER ELECTROLIER STANDARD HAS BEEN RAISED AND PLUMBED, LUMINAIRES LEVELED AND ALL WORK INSPECTED.

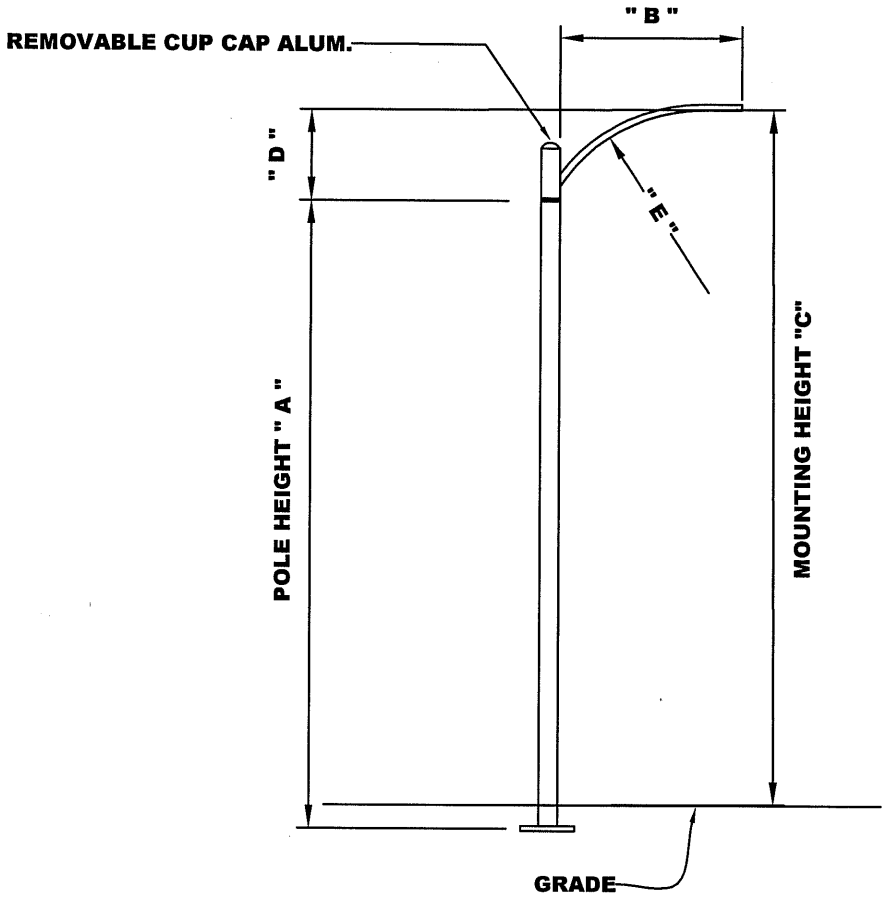
2. PCC FINISH SHALL BE TO GRADE AND SHALL NOT CREATE TRIPPING HAZARD (IN SIDEWALK AND SOIL INSTALLATIONS).

# ELECTROLIER FOUNDATION

APPROVED BY:

DATE : JUNE 30, 2006

DWG. 1D-1




| POLE TYPE | | A | B | C | D | E |
|---|---|---|---|---|---|---|
| TYPE I | 4' ARM | 25' - 1" | 4' - 0" | 26' - 9" | 1' - 11" | 4' - 8 1/2" |
| | 6' ARM | 25' - 1" | 6' - 0" | 27' - 6" | 2' - 8" | 7' - 6 1/4" |
| | 8' ARM | 25' - 1" | 8' - 0" | 28' - 4" | 3' - 6" | 10' - 6" |
| TYPE II | 4' ARM | 26' - 7" | 4' - 0" | 28' - 3" | 1' - 11" | 4' - 8 1/2" |
| | 6' ARM | 26' - 7" | 6' - 0" | 29' - 0" | 2' - 8" | 7' - 6 1/4" |
| | 8' ARM | 26' - 7" | 8' - 0" | 29' - 10" | 3' - 6" | 10' - 6" |
| TYPE III | 4' ARM | 30' - 0" | 4' - 0" | 31' - 9" | 2' - 0" | 4' - 8 1/2" |
| | 6' ARM | 30' - 0" | 6' - 0" | 32' - 5" | 2' - 8" | 7' - 6 1/4" |
| | 8' ARM | 30' - 0" | 8' - 0" | 33' - 3" | 3' - 6" | 10' - 6" |

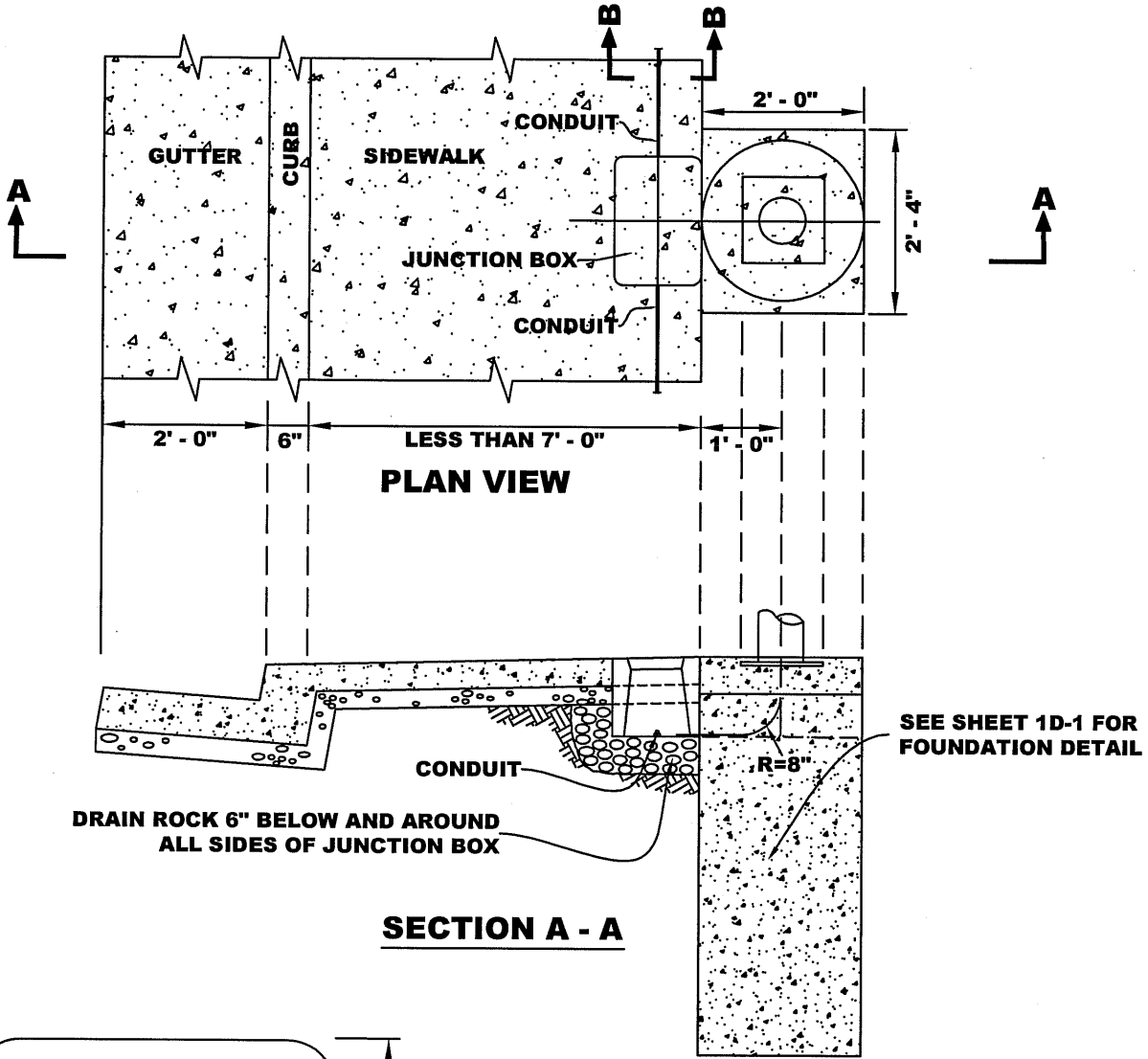
## ELECTROILER POLES

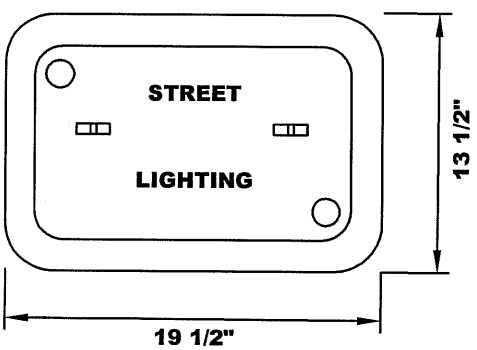
APPROVED BY:

DATE : JUNE 30, 2006

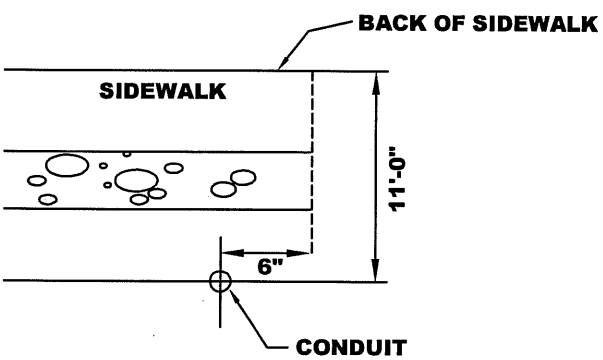
DWG. 1D-2

2006 STANDARD DETAILS




JUNCTION BOX
STATE OF CALIF. STD. #3 1/2



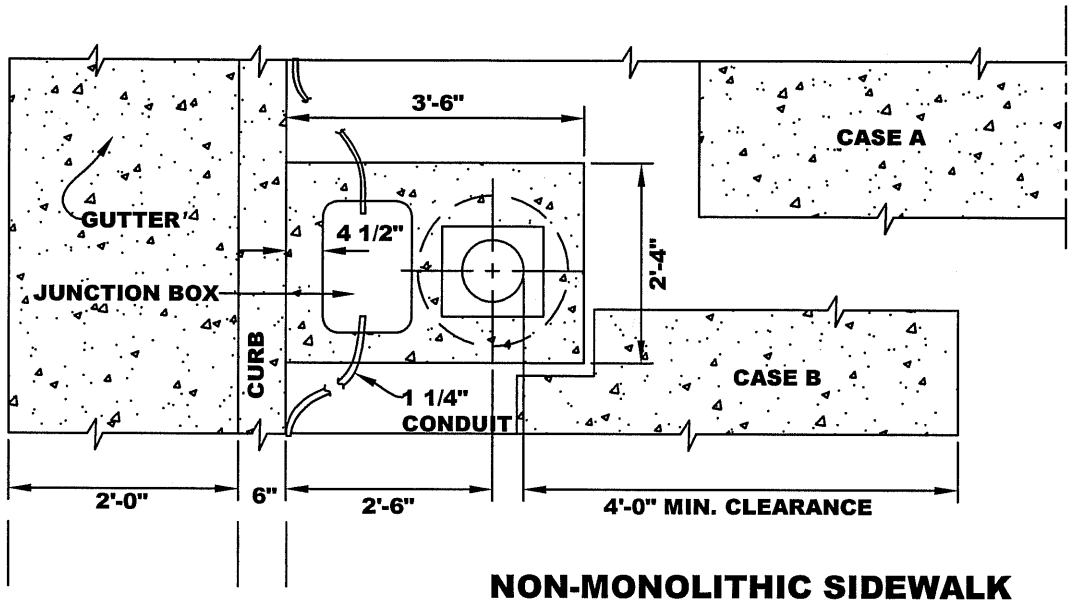

SECTION B - B

**NOTES:**

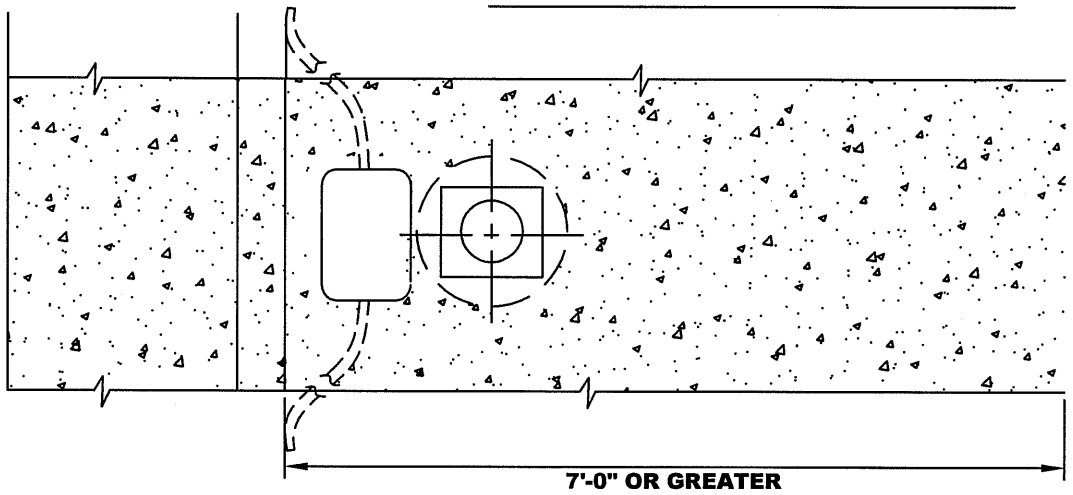
1. FOR LOCATIONS WITH WIDER MONOLITHIC SIDEWALKS AND NON-MONOLITHIC SIDEWALKS, SEE STANDARD DETAIL 2D.
2. IF THERE IS NO SIDEWALK, LOCATE IN ACCORDANCE WITH THIS STANDARD DETAIL WITH THE FOUNDATION CENTERED 6' - 6" FROM FACE OF CURB.

| | | |
|---|---|---|
| **ELECTROLIER AND CONDUIT INSTALLATION - SHEET 1 OF 2** | APPROVED BY: | |
| | DATE : JUNE 30, 2006 | DWG. 2D-1 |

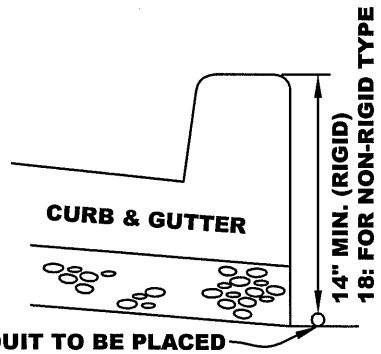
2006 STANDARD DETAILS




## NON-MONOLITHIC SIDEWALK




## MONOLITHIC SIDEWALK




CONDUIT TO BE PLACED ON SUBGRADE BY TRENCHING OR PRIOR TO PLACEMENT OF PROCESSED MISC. BASE FOR CURB & GUTTER

**NOTES:**

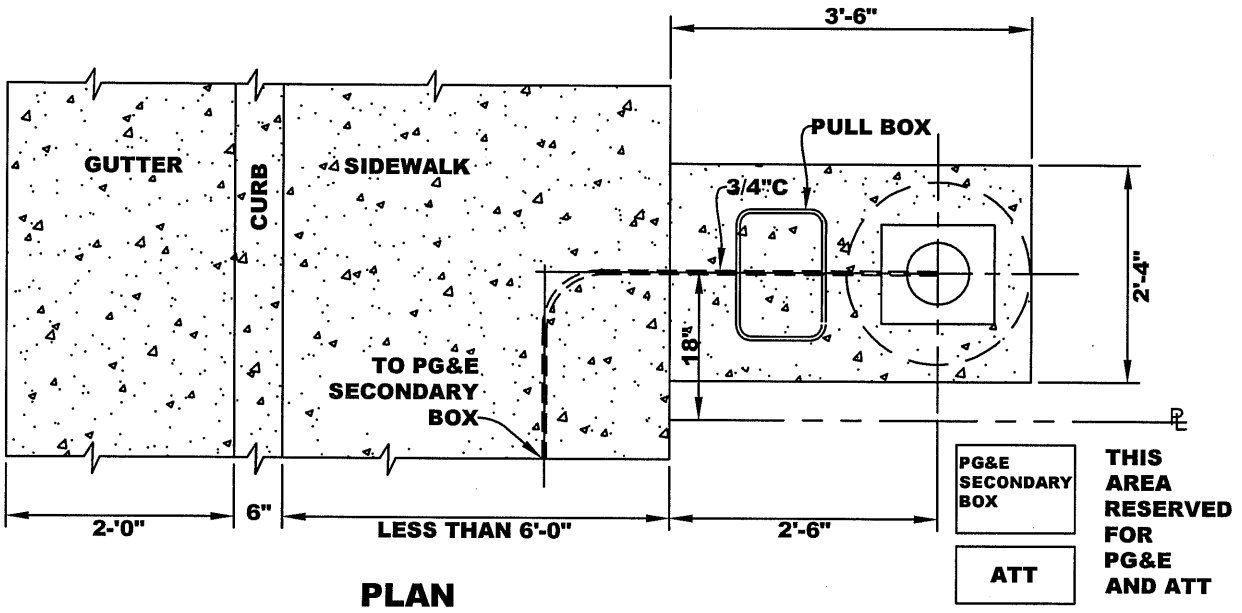
1. FOR NON-MONOLITHIC SIDEWALK.
   CASE A: APPLIES IF FRONT OF SIDEWALK IS AT LEAST 4'-0" FROM FACE OF CURB.
   CASE B: APPLIES IF FRONT OF SIDEWALK IS LESS THAN 4'-0" FROM FACE OF CURB, AND THERE IS A MINIMUM OF 4'-0" CLEAR SIDEWALK BETWEEN POLE AND BACK OF SIDEWALK. IF THIS 4'-0" MINIMUM CLEAR SIDEWALK CANNOT BE ACHIEVED, STANDARD DETAIL 2D-1 SHALL BE USED (i.e., INSTALL ELECTROLIER BEHIND THE SIDEWALK).
2. FOR MONOLITHIC SIDEWALKS LESS THAN 7'-0" WIDE USE STANDARD DETAIL 2D-1
3. DRAIN ROCK AROUND JUNCTION BOX AS SHOWN IN STD. DETAIL 1D.

# ELECTROLIER AND CONDUIT INSTALLATION - SHEET 2 OF 2

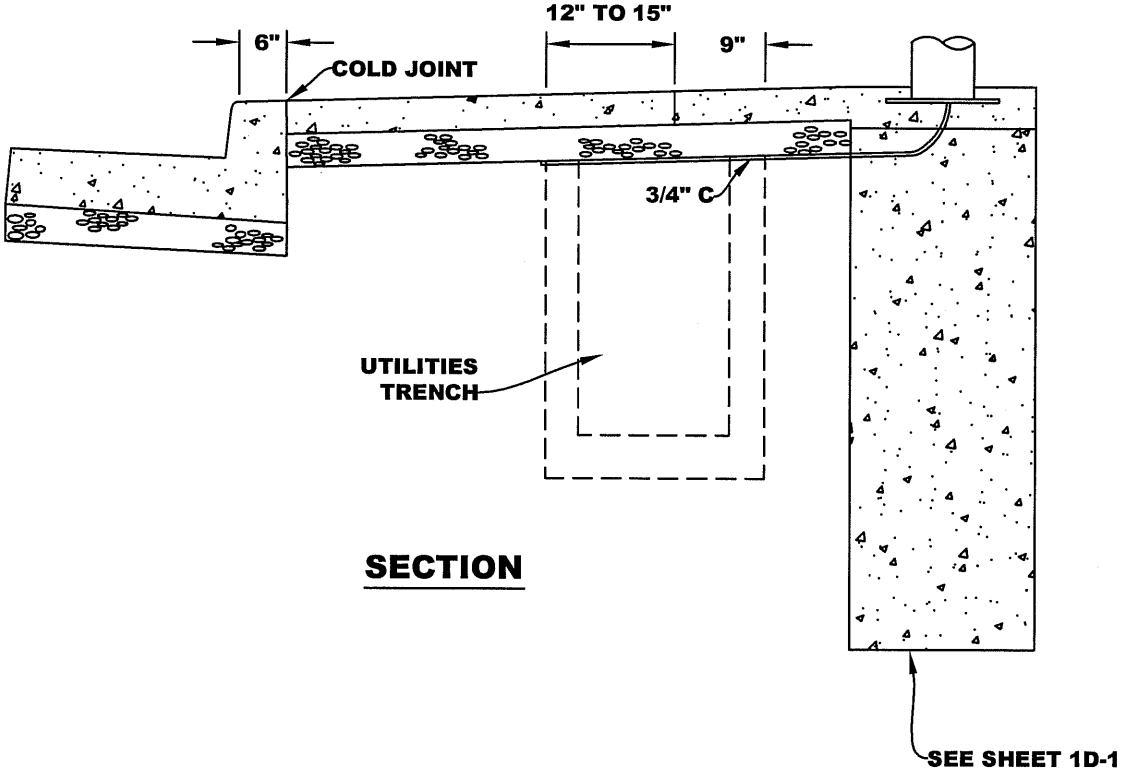
APPROVED BY:

DATE : JUNE 30, 2006

DWG. 2D-2




**PLAN**




**SECTION**

# ELECTROLIER AND CONDUIT LOCATION

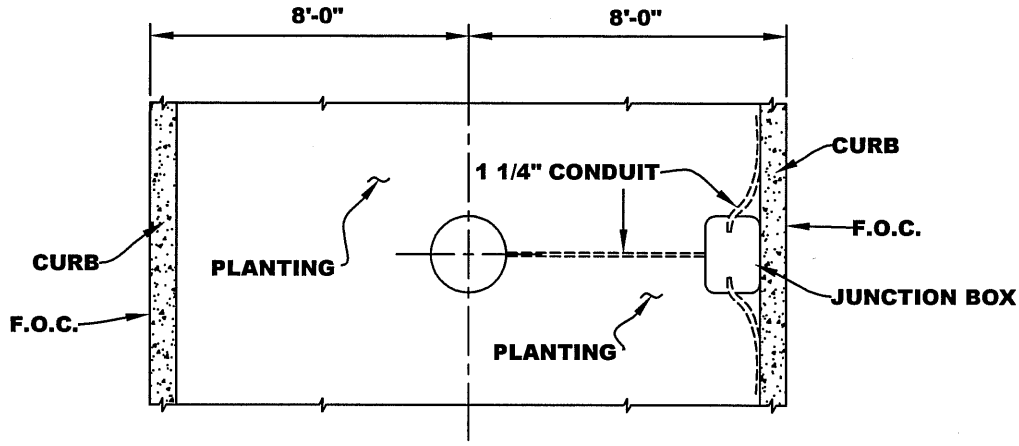
**(SUBDIVISIONS SERVED BY UNDERGROUND PG&E POWER DISTRIBUTION SYSTEM)**

APPROVED BY:

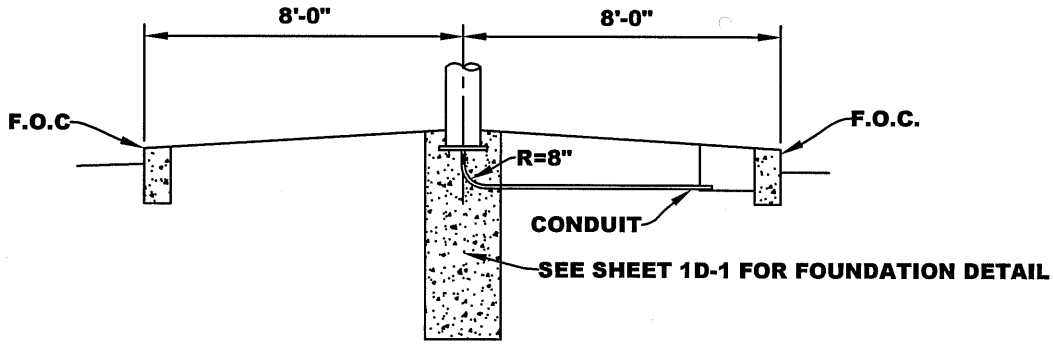
DATE : JUNE 30, 2006

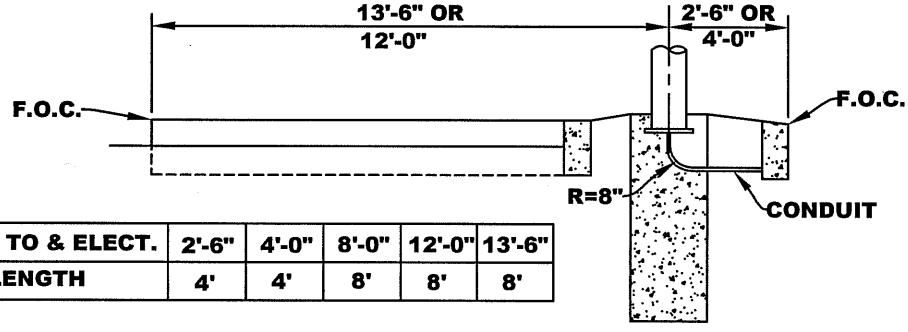
DWG. 3D

2006 STANDARD DETAILS



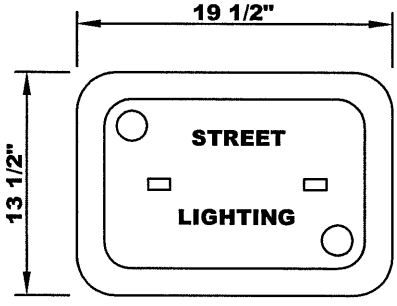

**PLAN VIEW**




| F.O.C. TO & ELECT. | 2'-6" | 4'-0" | 8'-0" | 12'-0" | 13'-6" |
|---|---|---|---|---|---|
| ARM LENGTH | 4' | 4' | 8' | 8' | 8' |

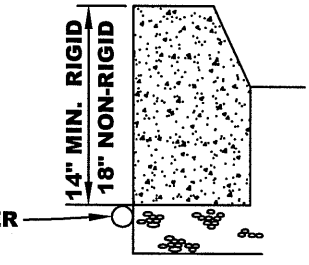
**SECTION**




JUNCTION BOX
STAT OF CALIF. STD. #3 1/2

NO SCALE

CONDUIT TO BE PLACED ON SUBGRADE BY TRENCHING OR PRIOR TO PLACEMENT OF AGGREGATE BASE MATERIAL FOR CURB & GUTTER




# ELECTROLIER AND CONDUIT LOCATION IN MEDIAN ISLANDS

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DATE : JUNE 30, 2006

DWG. 5D

2006 STANDARD DETAILS