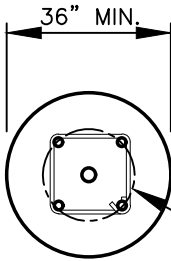


MOUNTING BASE DETAIL

NOTE:
 CONCRETE STRENGTH = 3,000 PSI AT 28 DAYS.
 CONCRETE STRENGTH = 2,000 PSI PRIOR TO SETTING POLE.



BOLT CIRCLE AS REQUIRED FOR POLE

MOUNTING BASE TOP VIEW

| POLE LENGTH (FEET) | MINIMUM FOOTING DEPTH IN FEET. SEE SOIL TABLE | | |
|--------------------|---|-------|-------|
| | A | B | C |
| 30 | 5'-0" | 6'-6" | 8'-0" |
| 40 | 5'-6" | 7'-0" | 8'-6" |

- NOTE:
- FORMING MATERIALS (SONOTUBE) SHALL BE REMOVED FROM THE TOP OF THE FOUNDATION TO SIX INCHES BELOW FINISHED GRADE AFTER CONCRETE HAS HAD A CHANCE TO SET UP.
 - SOIL BELOW MOUNTING BASE TO BE UNDISTURBED.

| SOIL TYPE | CLASS OF MATERIAL (UNIFORM BUILDING CODE) |
|-----------|---|
| A | GOOD COMPACT WELL-GRADED SAND AND GRAVEL. |
| | HARD CLAY WELL-GRADED FINE AND COARSE SAND (ALL DRAINED SO WATER WILL NOT STAND). |
| B | AVERAGE COMPACT FINE SAND MEDIAM CLAY |
| | COMPACT SANDY LOAM LOOSE COARSE SAND AND GRAVEL (ALL DRAINED SO WATER WILL NOT STAND). |
| C | POOR SOFT CLAY CLAY LOAM |
| | POORLY COMPACTED SAND CLAYS CONTAINING LARGE AMOUNTS OF SILT (WATER STANDS DURING WET SEASON). |

NOTE:

1. CAST-IN-PLACE FOUNDATIONS CAN BE USED INSTEAD OF PRECAST FOUNDATIONS WHEN NECESSARY WITH CITY TRAFFIC ENGINEER'S APPROVAL. FOR CAST-IN-PLACE FOUNDATIONS, SEE **WSDOT STANDARD PLAN J-28.30-xx "STEEL LIGHT STANDARD FOUNDATION TYPES A AND B"**.

REFERENCES TO WSDOT STANDARD PLANS, USE THE MOST CURRENT VERSION OF THESE STANDARD PLANS.

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| REV NO. | DATE | BY | APPR |
|---------|------|-----|------|
| 1 | 1/15 | RAW | CJC |
| 2 | 4/18 | RAW | CJC |
| 3 | 9/21 | RAW | CJC |

PUBLIC WORKS - STREETS AND TRANSPORTATION

APPROVED BY: *[Signature]*
 TRAFFIC ENGINEER MANAGER

APPROVED DATE: 9/1/2021



| | |
|--|---------------------------------|
| CAST-IN-PLACE FOUNDATION FOR STREET LIGHTING | STANDARD PLAN NUMBER T21-11B |
|--|---------------------------------|