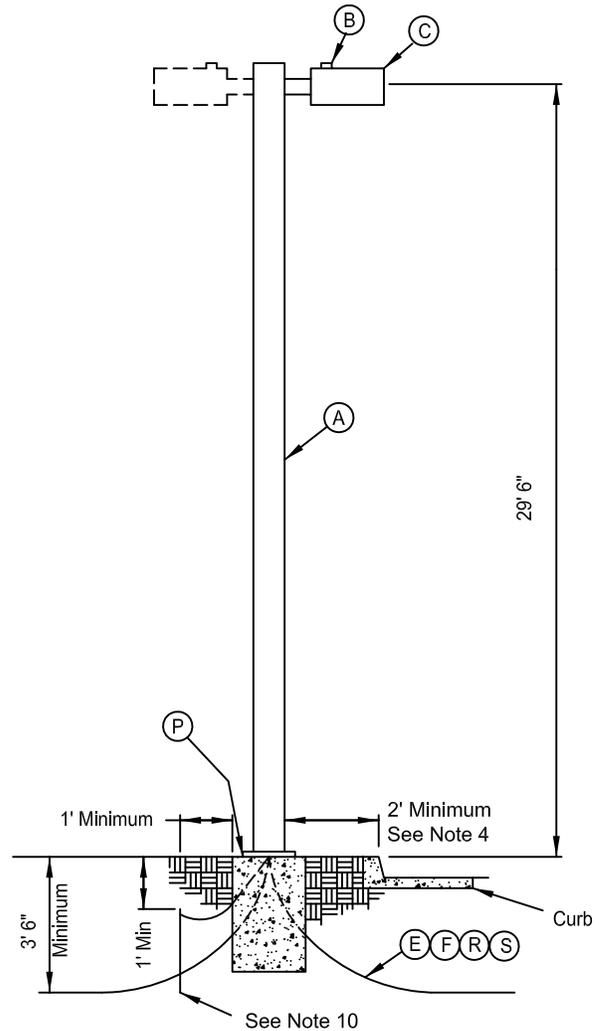


Grounding Detail

Caution

If precast foundation is used, earth must be compacted in 6" lifts.



NOTES

- (1) For customer owned and designed systems only.
- (2) Level luminaire in accordance with manufacturer's instructions.
- (3) When system neutral is available, ground to pole.
- (4) May be reduced if necessary, but not less than 6".
- (5) Pole must be at least 4' from a fire hydrant.
- (6) Poured-in-place foundation must cure for 14 days before erecting pole.
- (7) NESC rule 231 and 314B
- (8) Leave 18" to 24" tail from edge of conduit stubout.
- (9) 25' square poles should only be used in residential areas. 25' square pole has a 11 1/2" bolt circle, 30' square pole has a 12" bolt circle and should be used with a breakway base #5680-000600.
- (10) Driven ground rod is required if precast foundation is used and pole is not grounded to system neutral.
- (11) Small LED Shoebox replaces 100W HPS.
- (12) Medium LED Shoebox replaces 250W HPS.

REFERENCES

- (1) See DS-12-1.0 Lamp and Photo-Control Identification Coding
- (2) See DS-12-15.0 Precast Foundation Detail Decorative Street Light
- (3) See DS-12-17.0 Precast Street Light Foundation
- (4) See DS-18-20.0 Ground Assembly

Material List

Item	Quan.	Description	Stock #
A	1	25' or 30' Aluminum/Fiberglass Square Pole	5680-
B	1	105-305V Long Life Photo Control	0100-006641
C	1	Small or Medium LED Shoebox	
D	1	9" Breakaway Base for 30' Pole	5680-000600
E		600V 2/C #10 UF CU Cable	6145-000326
F		or 600V #2 AL Cable	6145-001894
G	1	#6 CU Wire	6145-002496
H	1	5/8" x 8' Ground Rod	5975-258368
J	1	5/8" Ground Rod Clamp	5935-232784
K	2	Fuse Holder	5920-231437
L	1	Streetlight Pole Grounding Lug	5935-236942
M	2	Four-Way Streetlight Connectors	5935-238484
N	2	5A Limitron Fuse	5920-227625
P	1	Precast or Pour-in-Place Foundation	5975-275297
Q	1	Precast Foundation for Decorative	DS-12-14, 1
R	2	#2 AL Triplex	6145-003346
S	1	#2 CU Triplex	0000-000423