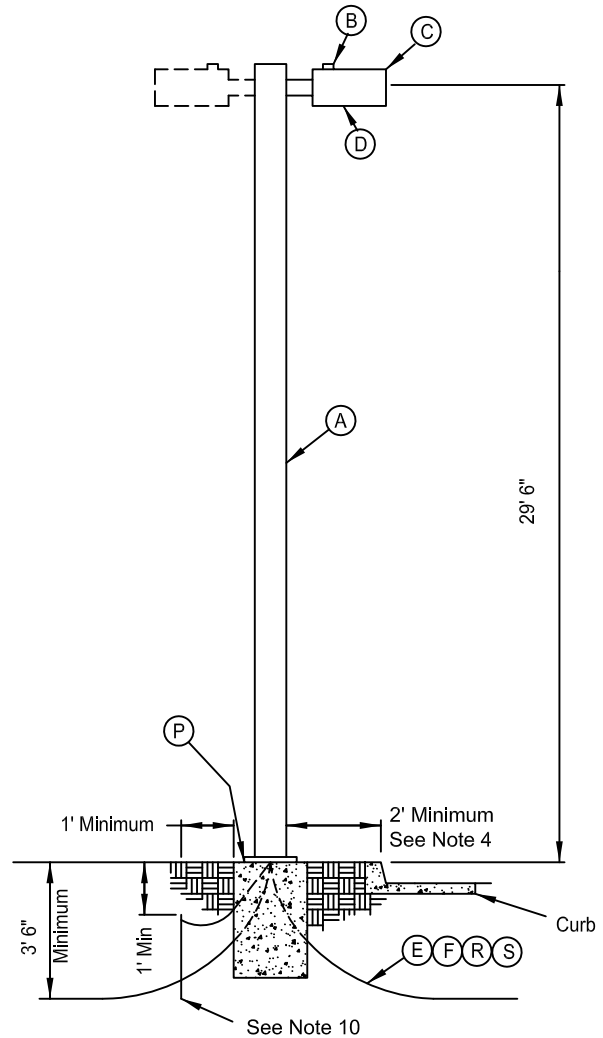


Grounding Detail

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.

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	5680-000005649
B	1	105-305V Photo Control	6210-6240-
C	1	100 or 250W HPS 240V Luminaire	6145-000326
D	1	100 or 250W HPS Lamp	6145-001894
E	1	600V 2/C #10 UF CU Cable or 600V #2 AL Cable	5920-231437
F	1	#6 CU Wire	5935-238484
G	1	5/8" x 8' Ground Rod	5920-227625
H	1	5/8" Ground Rod Clamp	5975-275297
J	1	Fuse Holder	DS-12-14, 1
K	2	Streetlight Pole Grounding Lug	6145-003346
L	1	Four-Way Streetlight Connectors	0000-000423
M	2	5A Limitron Fuse	5680-000600
N	2	Precast or Pour-in-Place Foundation	
P	1	Precast Foundation for Decorative	
Q	1	DS-12-14, 1	
R	2	#2 AL Triplex	
S	1	#2 CU Triplex	
T	1	9" Breakaway Base for 30' Pole	