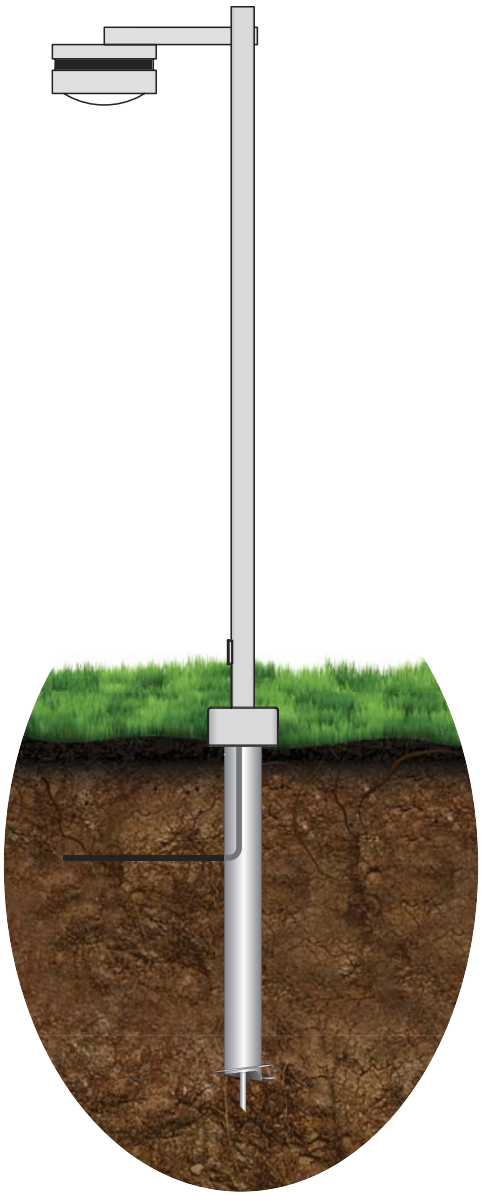
ECP Light Pole Foundation

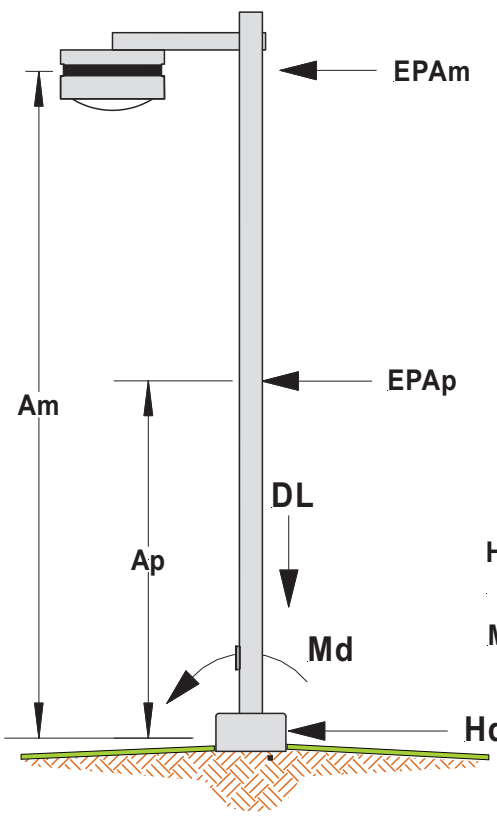
- **Economic**
- **Quick Installation**
- **No Spoils Created**
- **All Weather Installation**
- **No Vibration Installation**
- **Permanent or Temporary Applications**
- **No Concrete Cure Time**
- **Environmentally Friendly**
- **Immediate Loading Capabilities**
- **Made in the USA**







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q = wind pressure

EPAm = Effective projected area of light fixture

EPAp = Effective projected area of light pole

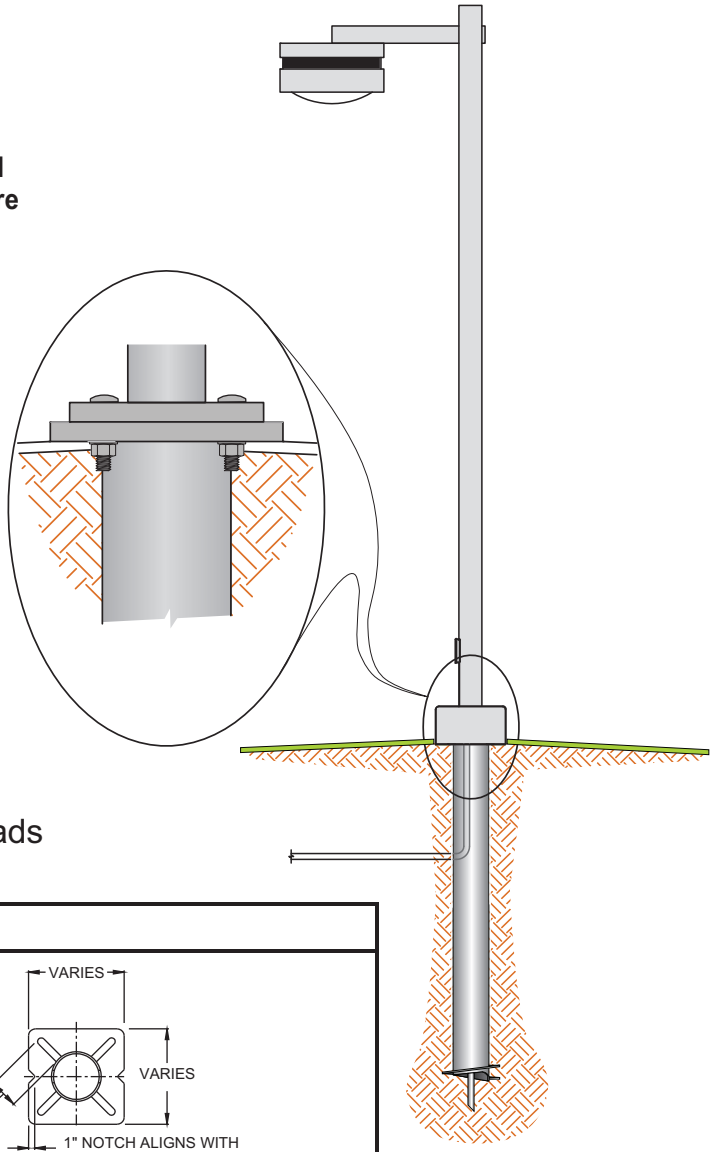
Am = Moment arm to EPAm centroid

Ap = Moment arm to EPAp centroid

PILE REACTIONS

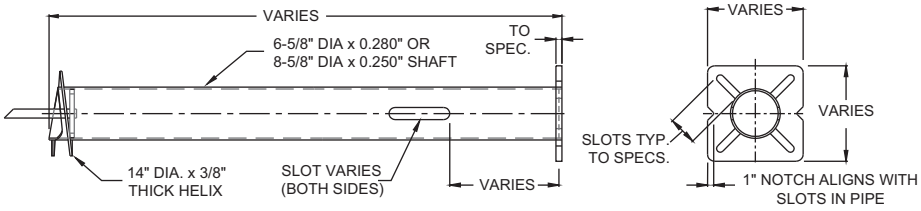
Hd = H1 + H2
= [EPAm x q] + [EPAp x q]

Md = [H1 x Am] + [H2 x Ap]



Resultant Pile Foundation Loads

Light Pole Anchor Configurations



NOTE: 4" DIA FOUNDATION ANCHOR CONFIGURATION IS SIMILAR - NOT SHOWN

Product Designation	Shaft Size	Plate Diameter	Length	Ultimate-Limit Capacity at SPT ≥ 5 bpf	
Stinger End				Overturning Moment	Lateral Load
LPS-400-60 12	4”	12”	5’-0”	< 5,000 ft-lb	< 500 lb
LPS-663-60 14	6-5/8” x 0.280” Wall	14”	5’-0”	< 12,000 ft-lb	< 1,000 lb
LPS-663-84 14			7’-0”		
LPS-663-120 14			10’-0”		
LPS-863-60 14	8-5/8” X 0.250” Wall	14”	5’-0”	< 17,500 ft-lb	< 1,200 lb
LPS-863-84 14			7’-0”		
LPS-863-120 14			10’-0”		

Notes: Standard Product Shown Includes:

Standard Integral Pile Cap - 1” thick x 15-3/4” Square pile cap welded to shaft

Standard 1-1/8” slots are designed for 1” diameter mounting bolts

Cable Access Slot available on both sides of shaft – (2” x 10” Standard)

Supplied Hot Dip Galvanized Per ASTM A123 Grade 100.

Stinger End (LPS) has single chamfer on bottom of shaft with a “stinger” for alignment

Special Product Designs Are Available: We fabricate custom light pole supports to your design specifications

Please allow extra time for Special Product Designs.