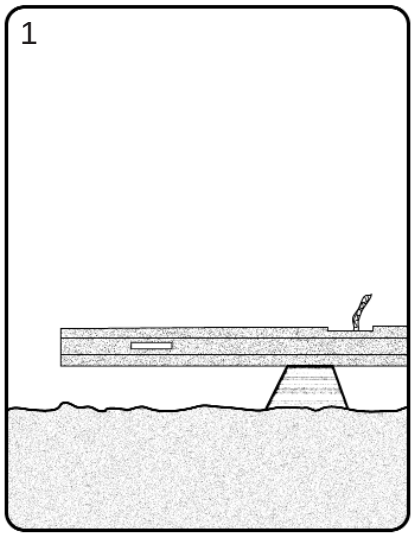
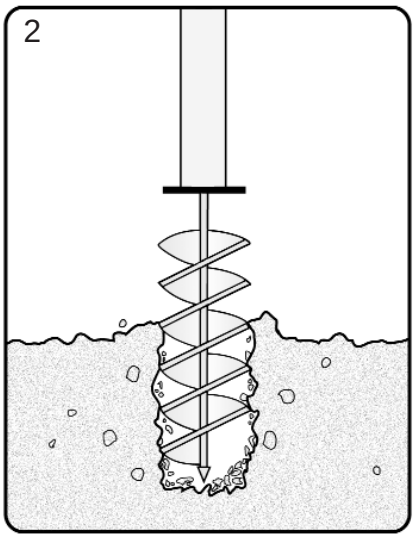
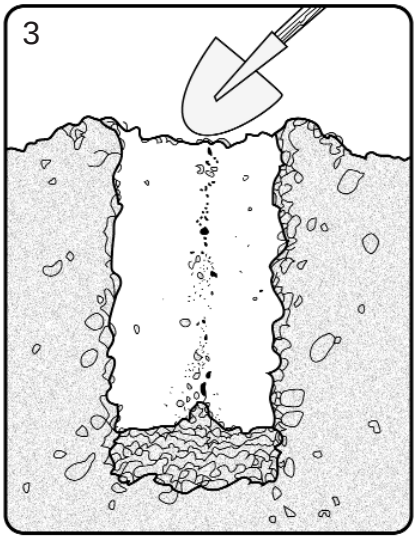
Installation Steps for a Direct Embedded Concrete Pole



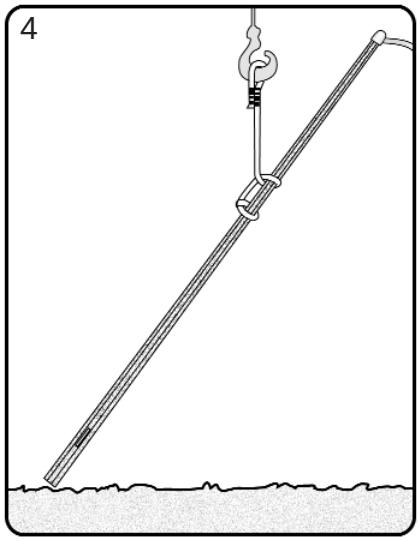
Position pole for pre-wiring. Protect pole as described in “Handling & Storage” Guide. Wire and install luminaire.



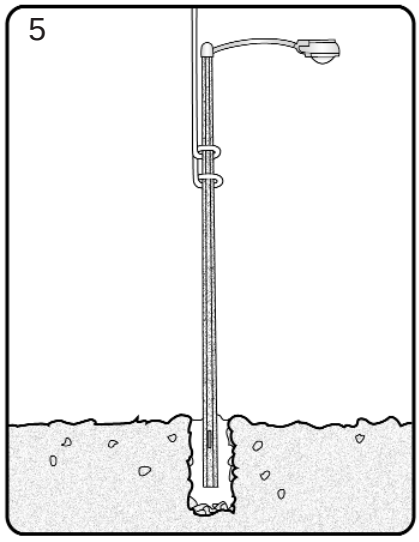
Excavate hole to proper depth. (Plus 6” if special backfill is required).



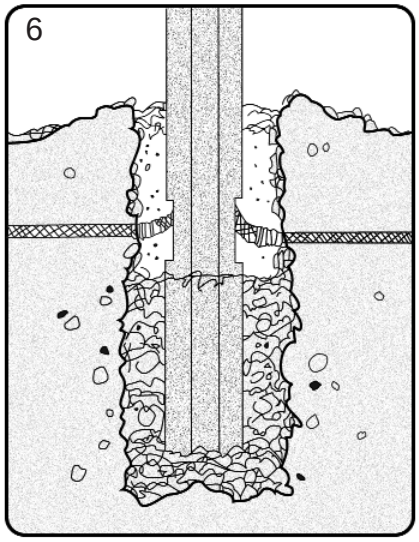
Use proper backfill. See “Recommended Backfill Requirements” below. Tamp a 6” base to insure correct setting depth and drainage. (If required).



Use only synthetic straps. Single pick-point is preferred method of handling. Use double clove hitch to avoid slippage.



Set pole. Align/Plumb. Maintain tension on the pole until compacted to bottom of cable entrance.



Compact required backfill in two operations. Tamp 9” intervals to bottom of cable entrance. Install underground cable. Check alignment. Finish compaction to a height 2” above grade sloping away from pole to allow proper drainage.

RECOMMENDED BACKFILL REQUIREMENTS*

GOOD SOIL	MEDIUM SOIL	POOR SOIL
Compact well graded sand and gravel, hard clay or well graded fine and coarse sand.	Compact fine sand, medium and clay, compact sandy loam, loose coarse sand and gravel.	Soft clay, clay loam, poorly compacted sand or clays containing large amounts of silt.
(All drained so that water will not stand)	(All drained so that water will not stand)	(Water may stand during wet season)
Use as is for backfill.	*Requires select backfill - clean washed sand or 1/2” minus well graded gravel.*	*Use cementious earth backfill - mix one part dry cement powder to fifteen parts clean, washed sand.*

***Based upon a location review by a Qualified Civil Engineer.**