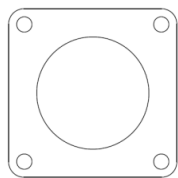
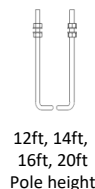


## Included components



1x – wooden drill template



12ft, 14ft,  
16ft, 20ft  
Pole height



25ft  
Pole height  
5in/6in dia

Included: hardware is galvanized

**12ft, 14ft, 16ft, 20ft (5in) pole:** (4) anchor bolts, 3/4"-10 x 17" x 3" hook ,  
(8) heavy hex nuts, 3/4" x 10, (8) flat washers, .81 ID" x 1.5" OD x 0.13" thick  
**25ft (5in/6in) pole:** (4) anchor bolts, 3/4"-10 x 17" x 3" hook ,  
(8) heavy hex nuts, 3/4" x 10, (8) flat washers, .81 ID" x 2" OD x 0.13" thick

## Tools Required

- Safety glasses
- Wrenches, 1-1/4" for 4.5m, 6m or 8m (5in/6in) pole
- Level

## LIGHTING LAYOUT RECOMMENDATIONS:

Refer to the product data sheet available at [www.landscapeforms.com](http://www.landscapeforms.com) for recommendations for light pole spacing.

**Landscape Forms is not responsible for site preparation and footings. The following chart gives necessary information for calculating proper footing size, depending on the specified light pole.**

**WARNING!** Pole mounted luminaires must be attached before pole installation. Failure to do so may cause vibration damage to the pole and will void the pole warranty.

Calculations per AASHTO 1994, assuming base of the pole is at grade level.

Pole Size	Wind Speed	Max luminaires	Base Overturning Moment (ft-lbf)	Base Shear (lbf)	Max EPA (ft²)	Max luminaire weight (lbs)
5" dia x .125" wall x 12ft	110 mph w/ 1.3 gust	1	1896	223	1.64	48
5" dia x .125" wall x 14ft	110 mph w/ 1.3 gust	1	2382	248	1.64	48
5" dia x .125" wall x 16ft	110 mph w/ 1.3 gust	1	2967	276	1.64	48
5" dia x .125" wall x 16ft	110 mph w/ 1.3 gust	2	3485	316	2.58	78
5" dia x .156" wall x 20ft	100 mph w/ 1.3 gust	2	4877	372	2.58	78
5" dia x .188" wall x 20ft	100 mph w/ 1.3 gust	3	4923	369	3.52	118
6" / 5" dia stepped x .188" wall x 25ft	100 mph w/ 1.3 gust	3	7293	434	3.52	118

## INSTALLATION PROCEDURE FOR ANCHOR BOLTS:

1. Prepare footing as required by local codes.
2. Install anchor hooks, hex nuts, washers and wooden template as shown in Fig 3. Level template in all directions. **Note:** template thickness is less than base plate thickness. Dimensions given account for the difference.
3. After footing has properly cured, remove wooden template. Do not remove lower hex nuts or washers.

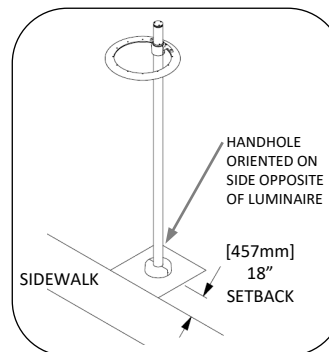


Fig. 1 – Sidewalk setback

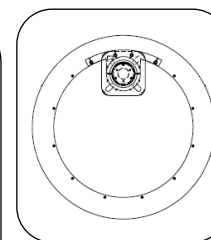


Fig. 2 – Base plate orientation to luminaire

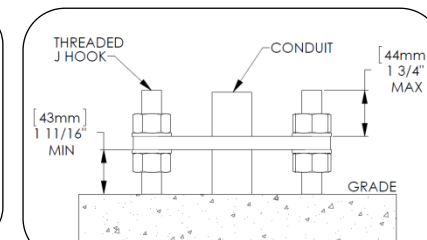
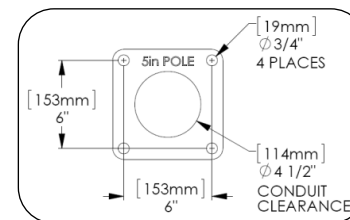
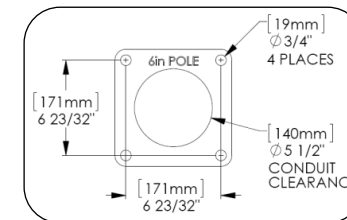


Fig. 3 – Anchor install detail, 5in or 6in pole



5" diameter pole



6" diameter base pole