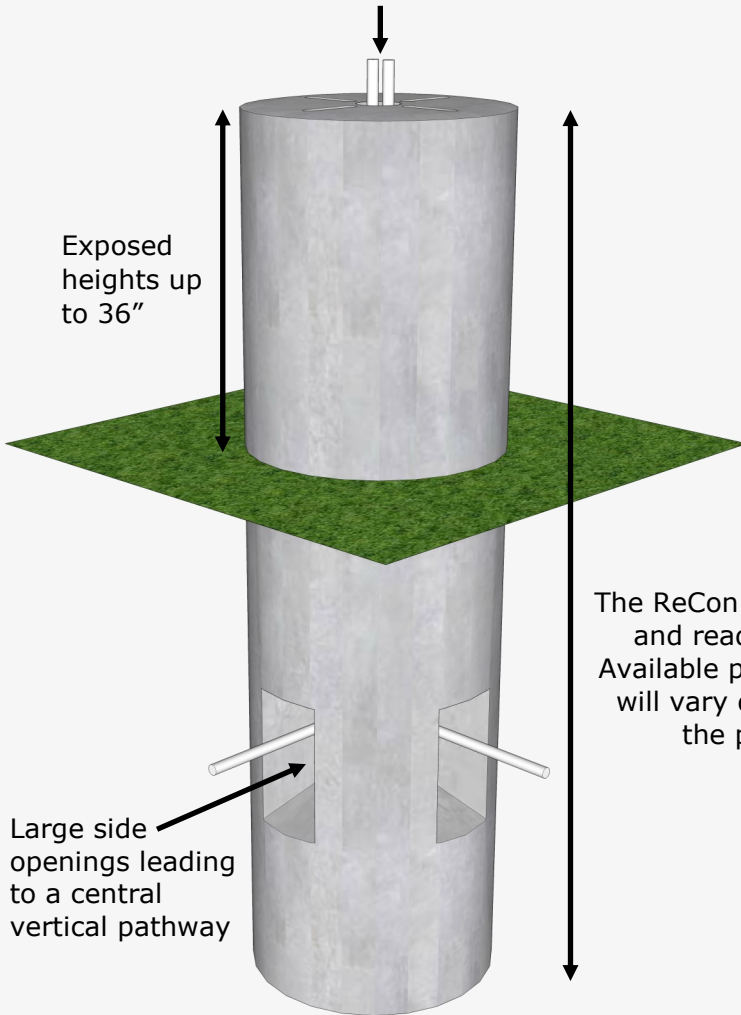


The ReCon LPB

The Future of Precast Light Pole Bases

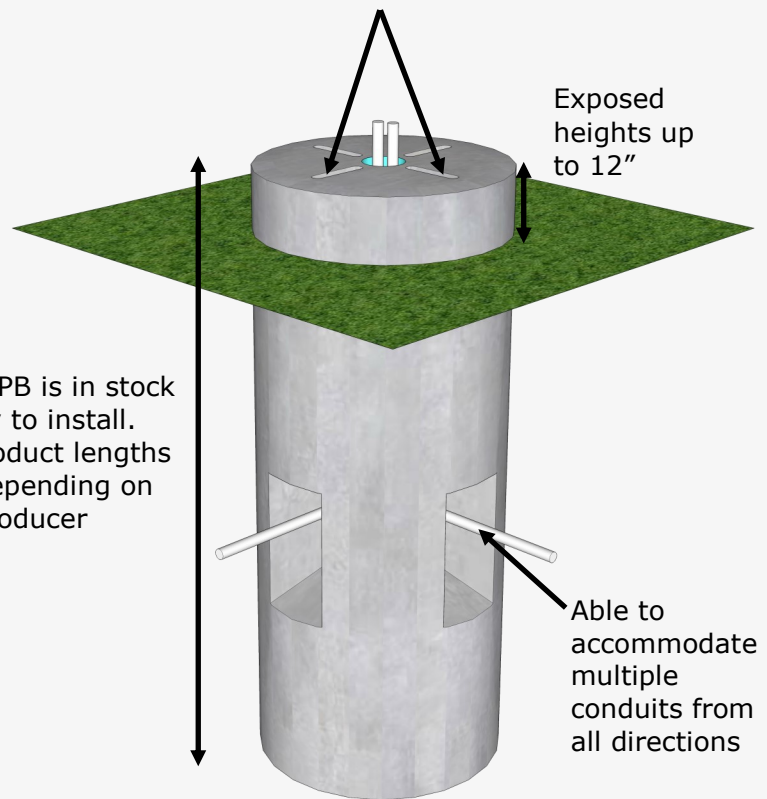
The ReCon LPB can easily accommodate light poles up to 25' in height - taller depending on the conditions



ReCon LPB - 8' Option

Approx. Weight: 3500 lbs.
Concrete: Min. 5,000 psi
Diameter: 24"

Adjustable Anchoring System can accommodate bolt circle diameters from 7-1/2" up to 13-1/2"



ReCon LPB - 6' Option

Approx. Weight: 2600 lbs.
Concrete: Min. 5,000 psi
Diameter: 24"

... Attractive Natural Stone Texture Coming 2019!



www.reconbases.com

952-922-0027

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Design

- Independent testing on the Anchoring System within the ReCon LPB.
- Comprehensive Engineering Reference Manual that outlines the design process, which follows Code and industry standard.
- Design charts available that are intended to demonstrate the capabilities of the ReCon LPB system.
- The entire manual, including the testing completed, has been independently reviewed by a third-party engineering firm.
- The Engineering Reference Manual is available to industry engineers to aid in the completion of stamped calculations and drawings for site specific design. Visit reconbases.com for more information.

ReCon LPB - Summary Table					
Pole Height (ft)	30	25	20	25	20
Pole Shape	Round	Round	Round	Square	Square
Pole Diameter/Width (in)	6	4	4	6	4
Fixture Contact Area (ft ²)	4				
Minimum Bolt Circle Diameter (in)	9.0	7.5	7.5	9.5	7.5
Maximum Exposed Height (ft)	2.9	3.0	3.0	2.7	3.0

Assumes 8' tall foundation, 105 mph wind speed (Exposure C), and foundation soils with a phi angle of 30 degrees. Refer to the ReCon LPB Engineering Reference Manual for additional information on design and analysis. Final design of all ReCon LPB's shall be completed by a Professional Engineer.

Installation

Aside from the typical requirements for installation (auger hole, place foundation, level, backfill, etc.), ReCon has several specific requirements that are unique to the ReCon LPB System:

- Thread (1) 3/4" diameter x 9" long HDG rod into the anchoring nut, located at the bottom of the slot created by insert, ensuring that it is seated tightly against the bottom – four total.
- Fill in the slot, created by the insert, with fluid grout.
- Place (1) 3" x 3" x 5/16" thick HDG bearing washer over each rod and secure with (1) 3/4" HDG nut. Tighten nut to the recommended installation torque.
- Install light pole with baseplate onto the projecting threaded rods using typical HDG nuts and washers per the Manufacturer's recommendations.

