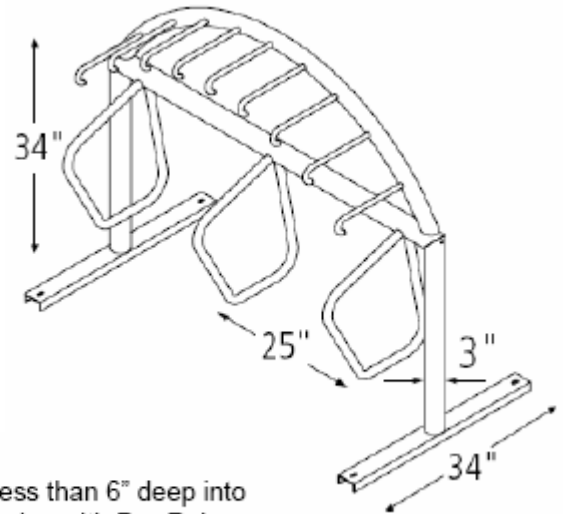


## Mountain Rack – In Ground Installation

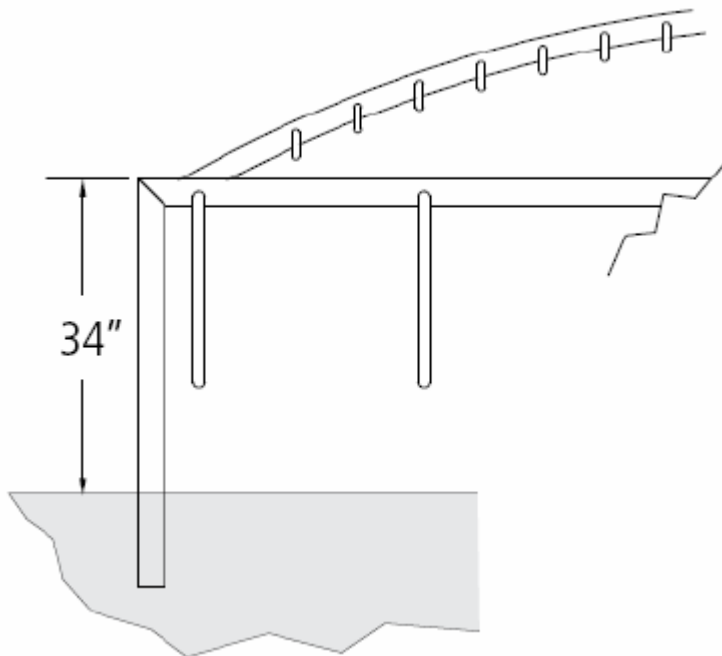
### Tools Needed:

Level  
Cement Mixing Tub  
Shovel  
Trowel  
Hole coring machine with 4" drill bit  
Access to water hose  
Materials to build brace



### Installing into Existing Sidewalk:

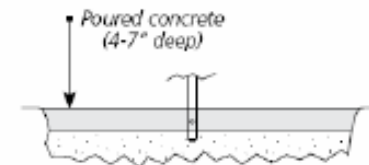
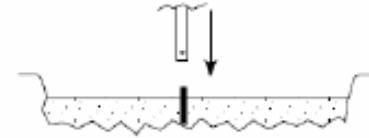
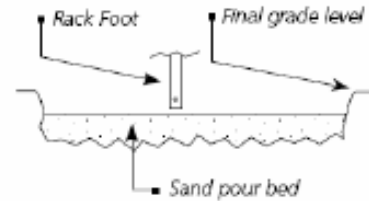
Core holes no less than 4" in diameter (5" recommended) and no less than 6" deep into sidewalk. Place rack into holes, making sure the rack is level. Fill holes with Por-Rok or epoxy grout. Make sure the rack is level and held in place until the grout is set. The top of the rack must be 34-35" above grade.



## Installing Into A New Sidewalk:

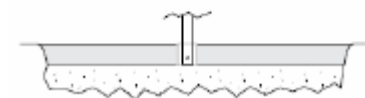
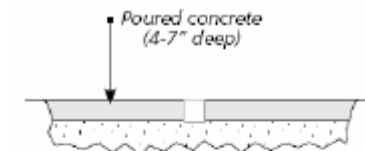
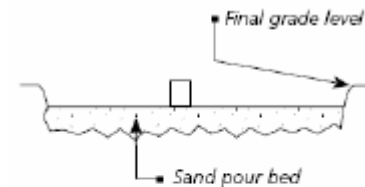
### Stake Method:

1. Use rack to measure exact location in pour bed.
2. Pound stake into pour bed where end of rack will sit. Slide rack end onto stake. You may need to dig the end of the rack into the sand to make sure the rack sits 34-35" above final grade. The stake keeps the rack straight while the concrete is being poured.
3. Make sure the rack is level and true. Pour concrete around the rack. Make sure the rack is not touched until the concrete has completely set.



### Sleeve Method:

1. Place corrosion resistant sleeve (min. 3" inside diameter) in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filling with concrete.
2. Pour concrete and allow to cure.
3. After appropriate cure time, dig out sand from sleeves and insert rack, making sure it is level and at the appropriate height. Pour in Por-Rok or epoxy gout and allow to set.



*Note: Sleeve should have profile to keep it from coming loose from hardened concrete.*

