Magnum Piering® MCP312

Crawl Space Support Post

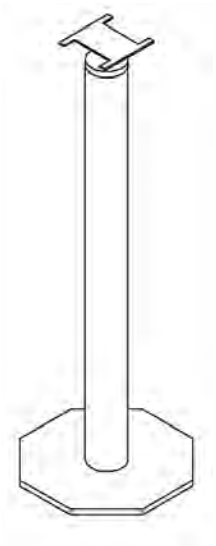
Allowable Capacity 2 Tons

3.00″ O.D. x 0.125″ Wall High Strength Tube Post with Galvanized Footing Plate
Adaptable to Crawl Spaces from 1 ft. to 3.5 ft Tall

Description

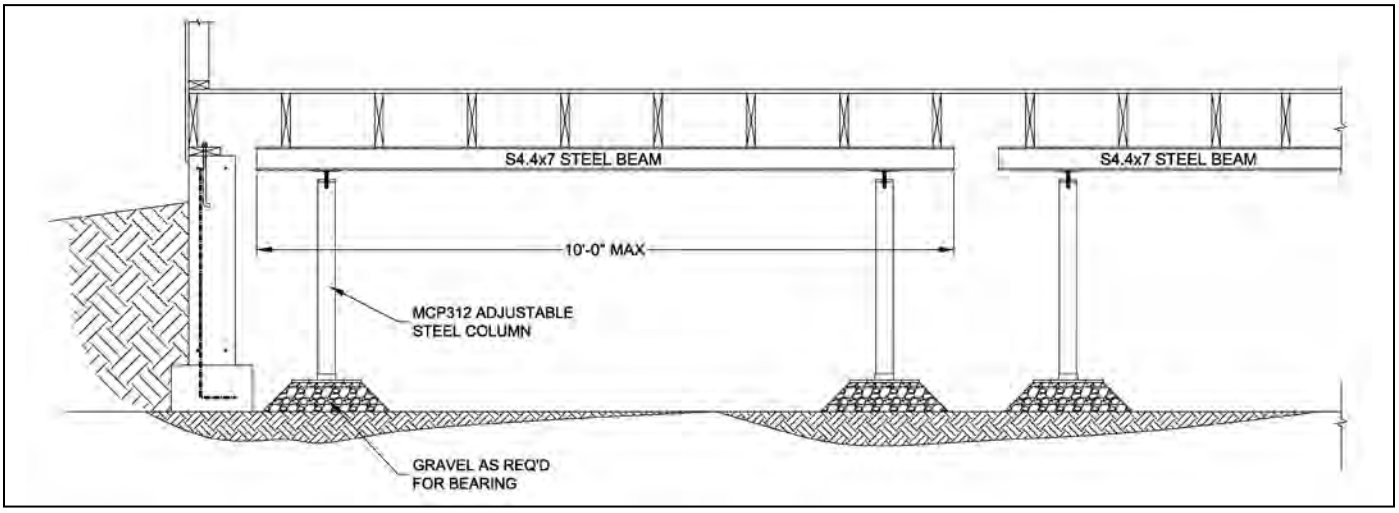
The Magnum MCP312 Crawl Space Support Post consists of a 3.00″ O.D. by 0.125″ thick wall tube with threaded adjustment and can support working loads up to 2 tons. The support post attaches to a 12.00″ octagonal galvanized steel plate footing which when placed on 6″ of gravel will support 2 tons on soils with IBC code minimum bearing pressure. The post has thin steel plate cap with bendable tabs for attachment to a new under floor steel drop beam. The post is designed in accordance with IBC, ACI, and AISC codes. Design and detailing of the floor joist support varies by project and is the responsibility of registered design professional including maximum joist span, support post spacing, and soil bearing capacity.

SPECIFICATIONS	
Post	3.00″ Dia. x 0.13″ Wall x 3.00′ Tall ASTM A513 65 ksi or Better
Footing Plate	12.00″ x 0.50″ Octagonal Plate with 3.75″ x 1.00” Collar
Beam	S4 x 7.7 Formed Steel Beam
Beam Connection	4.50″ x 2.75″ x 0.13″ Steel Plate with Tabs
Surface Coating	Galvanized per ASTM A153/A123 (G), Standard Magnum Blue Paint (P), or Epoxy Coated per ICC-ES AC228 (EP)



Installation Note:

Layout required support post locations. Hand tamp required thickness of 0.75″ angular gravel to provide support and good drainage for galvanized steel footings. Gravel should extend at least 6.00 inches beyond footing perimeter. Place footing plates. Measure and cut support post steel tube to fit crawl space height taking into account depth of new steel beam. Place beam over posts and tighten jack screws to seat beam firmly against floor joists. Bend tabs up to lock top of post to bottom flange of beam.



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U.S. Patents 6,058,662 and 5,234,287; Other Patents Pending.