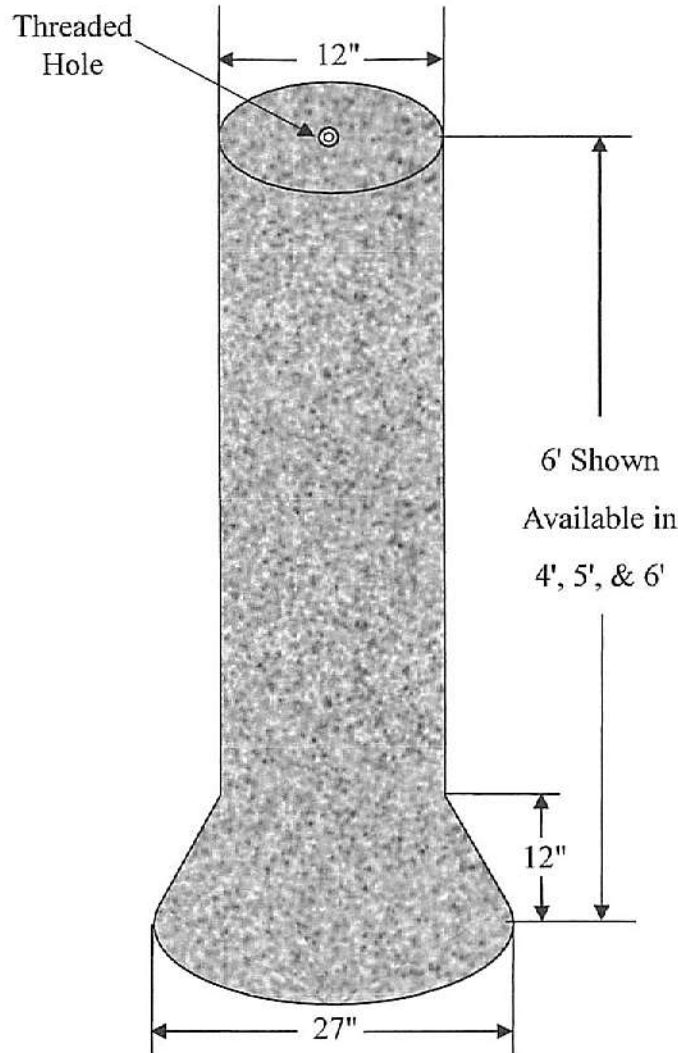


William N. Lamarre Concrete Products, Inc.

DECK SUPPORTS

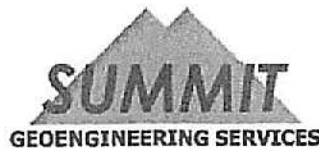
Available 4', 5', & 6' Tall

Drawing Not to Scale



Notes

1. Concrete strength f_c 4000PSI@28 days. Density 150 PCF
2. Cement, Portland Type II or III, ASTM C150-81
3. Admixtures, air & plasticizers per ASTM C233-82
4. Reinforcement 2 – ½" Grade 60 rods running length of deck support
5. ½" coil rod socket centered in top



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PIER SUPPORT CAPACITIES			
Length (ft)	Working Capacities (lb)		
	Compressive	Uplift	Lateral
4	10,000	3,500	300
5	13,000	4,500	450
6	16,000	6,000	700

NOTES:

1. Assumes bearing soil and backfill soil consists of sand or sand and gravel. Reduce allowable capacities by 30% for clayey soils. Backfilling with clay soil may result in frost heave.
2. Capacities assume that the pier is buried at least 3 ft, 4 ft, and 5 ft. Reduce allowable capacities by 25% for each additional foot above the ground, minimum embedment is 1.5 feet.
3. Adequate frost protection is provided for buried lengths of 4 feet or greater. Shorter buried lengths may be subject to frost heave. Piers may be placed on rigid insulation (4' by 4' square) to provide 1 foot of additional frost protection for each 1 inch of insulation.
4. Compressive capacity is based on pier placed on a compacted base soil or a minimum of 6 inches of ¾ crushed stone over base soil.

