

Minimum Concrete Pile Construction:
 20" diameter spreadbored concrete pile belled to 40" diameter at 12'-0" depth
 6 - #15 vertical (full height)
 5 - #10 rings @ 6" o.c. (top)
 Remainder #10 rings @ 18" o.c.
 Note: Poor soil conditions will require pile to be designed to as found conditions.
 Reinforcing steel to be full length of piles (Confirm size of base & bolt configuration with manufacturer and have approved sealed drawings by professional structural Engineer).
 Anchor bolts shall be Type 316 Stainless Steel

POLE BASE DETAIL - TYPE B


SCALE: N.T.S.

(Base Detail for Knockdown Light Standards)

SPECIFICATIONS

CONCRETE BASES

- .1 Excavation for piles shall be done by augering to sizes shown. If casing is required to prevent the sides of the augered hole from sloughing in, casing shall be supplied and supplied, at no cost to the City. The casing diameter shall not be less than 3/4" smaller than the pile excavation.
- .2 The pile concrete shall be cast not later than 24 hours after excavation has been completed.
- .3 Pile reinforcement shall be supplied and installed in accordance with the Construction Drawing Detail.
- .4 The pile excavation shall be kept dry at all times. Pump out water if it accumulates.
- .5 Concrete placing shall be continuous from top of pile and rodding carried constantly to bring air bubbles to the surface and produce a uniform structure.
- .6 The Contractor shall provide a minimum of 36 hours notice to the City of Winnipeg, Public Works Department, Contracted Maintenance Branch, Ph. 986-7278 or 986-7266 prior to any concrete placement to allow for the inspection of concrete pile depths and diameters, steel reinforcing sizes and locations and to ensure all pile holes are dry. If necessary, pump holes dry prior to concrete placement.
- .7 The top of four (4) concrete piles located between the East and West hockey rinks shall be recessed 6" below finished grade. Top of pile heights to be inspected and approved by the Contract Administrator prior to any concrete placement.
- .8 The Contractor shall be responsible for making good all areas damaged by his operations in connection with this contract
- .9 The Contractor shall submit to the City's Contract Administrator for review copies of the Shop Drawings for the concrete piling with a stamp/seal.

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THE CITY OF WINNIPEG			
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PROJECT: R.A. STEEN MEMORIAL C.C./LAURA SECORD SCHOOL 960 WOLSELEY AVENUE, WINNIPEG, MB. CONCRETE PILE BASES, LIGHT STANDARDS, LUMINAIRES AND RELATED WORKS			
SHEET TITLE POLE BASE TYPE B - SECTIONS & SPECIFICATIONS			
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