

MATERIAL SPECIFICATION
FOR STREET LIGHTING PROJECTS

Sidewalk Well

- 3 – Bolts machine, galvanized 9.5 mm (3/8") x 38 mm (1 1/2"). Dwg. C83-23 per latest CSA Specification C83.
- 3 – Steel reinforcing, M 10 (3/8") x 150 mm (6"), round deformed grade 400 as per CSA Standard G30.12-M.
- 330 mm – Tubing, fibre. Sonotube, Lightwall Type A. Inside diameter 457 mm (18"). Wall thickness – 5 mm.
- 460 mm – Tubing, fibre. Sonotube, Lightwall Type A. Outside diameter 279 mm (11"). Wall thickness – 4 mm.

Pole Base Insert

Pole base galvanized for mounting 3.66 m (12') aluminum pole complete with 4-20 x 200 mm Hi-Ten studs with 5 x 6 mm deep slots, complete with hex nuts and washers on a 300 mm bolt circle. Acrow-Richmond Ltd. Dwg. #A-P 361.

Polyethylene Pipe

I.D. 19 mm (3/4") CSA Spec. B137.1 Type 1

I.D. 38 mm (1 1/2") CSA Spec. B137.1 Type 1



G.I. Bends

- i) 19 mm (3/4") from approximately 1.35 m (53") length with 254 mm (10") radius, 90° bend and 275 mm (11") turn-up (no thread required). Drawing No. T-310.050-5 (1 of 4)
- ii) 19 mm (3/4") from approximately 1.35 m (53") length with 254 mm (10") radius, 90° bend and 533 mm (21") turn-up (turned-up end only to be threaded). Drawing No. T-310.050-5 (1 of 4)
- iii) 38 mm (1 1/2") from approximately 1.35 m (53") length with 254 mm (10") radius, 90° bend and 533 mm (21") turn-up (turned-up end only to be threaded). Drawing No. T-310.050-5 (1 of 4)

Plugs, Plastic

For 38 mm (1 1/2") polyethylene pipe, Rahn Metal No. 18 cap plug or equivalent.

METRIC
ALL DIMENSIONS SHOWN HERE ARE IN
MILLIMETRES UNLESS OTHERWISE NOTED

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