

1. Location

Drawing No. T-310.050-6 (1 of 2) shows a concrete base for an aluminum lighting or banner pole which utilizes a 4 bolt pole base insert.

2. Construction

The pole base inserts are placed in the proper location in the hole with the reinforcing steel, and the underground wiring conduit (G.I. bend) is located by means of the template.


The template is removed and the pole base is then poured with 32 MPa concrete with 5% to 7% air entrainment.

The template should then be set level with the surface of the concrete base and the template should not be removed until the concrete has set.

If the pole base is being poured an extended period prior to the erection of the pole, the bolts and template may be removed and plastic plugs, which are supplied with the pole base insert, shall be installed in the bolt holes.

The G.I. bend shall be located under the designated hole in the template and terminated flush with the surface of the pole base using a pipe coupling and a plastic plug installed in the coupling.

After erecting the pole, a 50 mm nipple shall be installed in the coupling around the wiring to prevent water seepage into the bend. When the wiring is completed, duct seal shall be installed in the 50 mm nipple.

 METRIC
ALL DIMENSIONS SHOWN HERE ARE IN
MILLIMETRES UNLESS OTHERWISE NOTED



WORKS & EMERGENCY SERVICES

TECHNICAL SERVICES DIVISION
Engineering Services - Works Facilities & Structures

SCALE:	N.T.S.	CONCRETE BASE WITH POLE BASE INSERT FOR LIGHT POLE WITH DRY LAID PAVER INSTALLATION	DRAWING NUMBER:
DATE:	DECEMBER, 2003		T-310.050-6
DRAFTING:	V. DIDIANO		SHEET: 2 OF 2