

585mm DIA. STEEL REINFORCING CAGE SHALL BE USED IN TYPE III POLE FOOTINGS SEE NOTE 5

PLACE ANCHORAGE CENTRED IN FOOTING, LEVEL IN ALL DIRECTIONS REMOVE PLYWOOD TEMPLATE AFTER INITIAL SET TO FINISH CONCRETE.

NOTCH SURFACE CONCRETE TO INDICATE LOCATION OF DUCTS (TYP.)

CENTRE DUCTS IN ANCHORAGE AND SECURE TO ANCHORAGE PRIOR TO POURING CONCRETE.

BOLTS SHALL BE PARALLEL TO EDGE OF ROADWAY

75mm CONCRETE COVER

TROWEL AND BRUSH SURFACE AND ROUND CONCRETE EDGE AFTER PINTAIL SET. SURFACE OF CONCRETE SHALL BE SLOPED FOR DRAINAGE

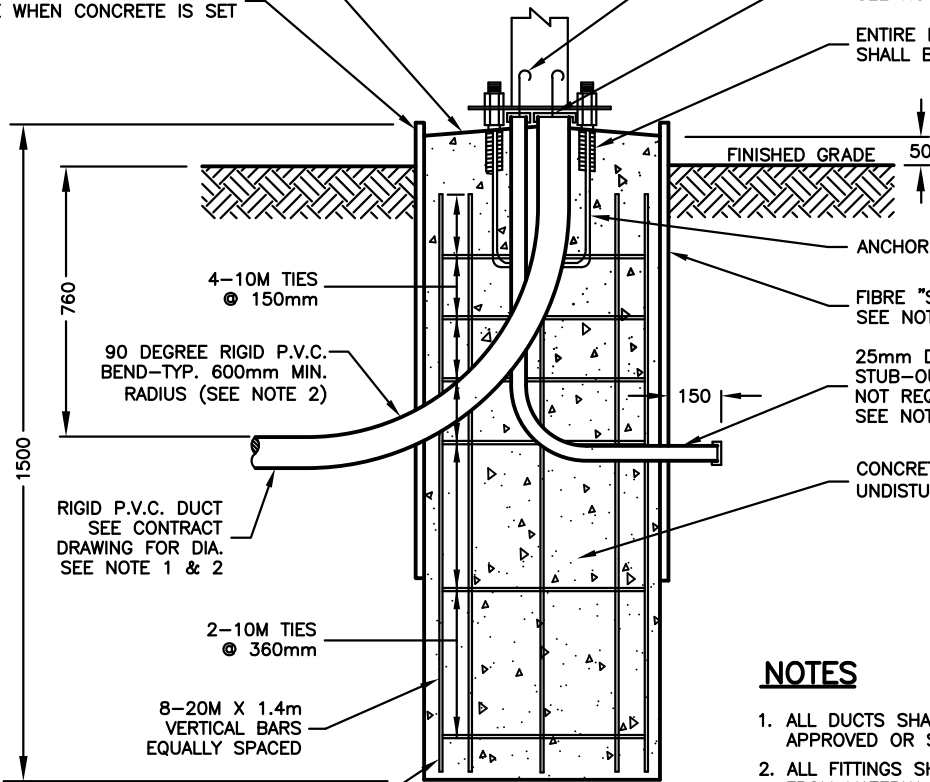
13mm WOVEN POLYESTER TAPE (MULE TAPE) FISH LINE THROUGH EACH DUCT

REMOVE TUBING 150mm BELOW GRADE WHEN CONCRETE IS SET

DUCT TO PROTRUDE 50mm ABOVE CONCRETE SURFACE - FASTEN CAPS ON DUCT ENDS SEE NOTE 2

ENTIRE LENGTH OF ANCHOR BOLTS SHALL BE GREASED

**PLAN**



FINISHED GRADE 50

ANCHOR ASSEMBLY AS INDICATED BELOW

FIBRE "SONO" TUBING SEE NOTE 3

25mm DIA. RIGID P.V.C. DUCT STUB-OUT AND CAP FOR FUTURE USE NOT REQUIRED IN TYPE IV BASE SEE NOTE 1 & 2

CONCRETE SHALL BE POURED IN UNDISTURBED SOIL (SEE NOTE 6)

RIGID P.V.C. DUCT SEE CONTRACT DRAWING FOR DIA. SEE NOTE 1 & 2

2-10M TIES @ 360mm

8-20M X 1.4m VERTICAL BARS EQUALLY SPACED

90 DEGREE RIGID P.V.C. BEND-TYP. 600mm MIN. RADIUS (SEE NOTE 2)

4-10M TIES @ 150mm

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**SECTION A-A**

**NOTES**

1. ALL DUCTS SHALL BE CSA C22.2 #211-2 APPROVED OR SUBSEQUENT REVISION THEREOF.
2. ALL FITTINGS SHALL BE MOULDED OR FABRICATED FROM MATERIAL COMPATIBLE WITH THE DUCT MATERIAL. ALL JOINTS MUST CONFORM TO MANUFACTURERS RECOMMENDED PRACTICE AND BE CONNECTED BY AN APPROVED SOLVENT CEMENT.
3. HOLES EXCAVATED BY AUGERING, 1.0m DEPTH OF TUBING MAY BE USED. HOLES EXCAVATED BY JET/VACUUM, HAND DIG OR OTHER SUITABLE MEANS, TUBING MUST EXTEND THE FULL DEPTH.
4. FOUNDATIONS INSTALLED ON SLOPED GRADES SHALL USE LOCAL GRADING AS PER OPSD-2210.01.
5. REBAR CAGE TO BE WELDED STEEL CONSTRUCTION AND ALL REBAR TO BE GRADE 400. THE WELDING OF REINFORCING STEEL BARS SHALL CONFORM TO CSA STANDARD W186.
6. CONCRETE SHALL BE CSA SPECIFICATION C-1 35 MPa CLASS OF EXPOSURE IN ACCORDANCE WITH CSA A23. 1-09 TABLE 1 & 2.

ALL DIMENSIONS IN MILLIMETRES EXCEPT WHERE NOTED.

BASE TYPE	DIM A	DIM B	ANCHOR TYPE
I	170	460	PRE-SET ANCHOR ASSEMBLY 22mm TYPE DGR-2S
II	280	610	1200mm ANCHOR RODS
III	280	760	PRE-SET ANCHOR ASSEMBLY 32mm TYPE DGR-2S
IV	135	300	PRE-SET ANCHOR ASSEMBLY 19mm TYPE DGR-2S



**CONCRETE FOOTING FOR LIGHTING AND SIGNAL POLES SINGLE PRIMARY DUCT**

DWG. DATE: 1980 06  
 REVISION NO.: 17  
 REV. DATE: 2014 04  
 SCALE: N.T.S.

S-400.010