

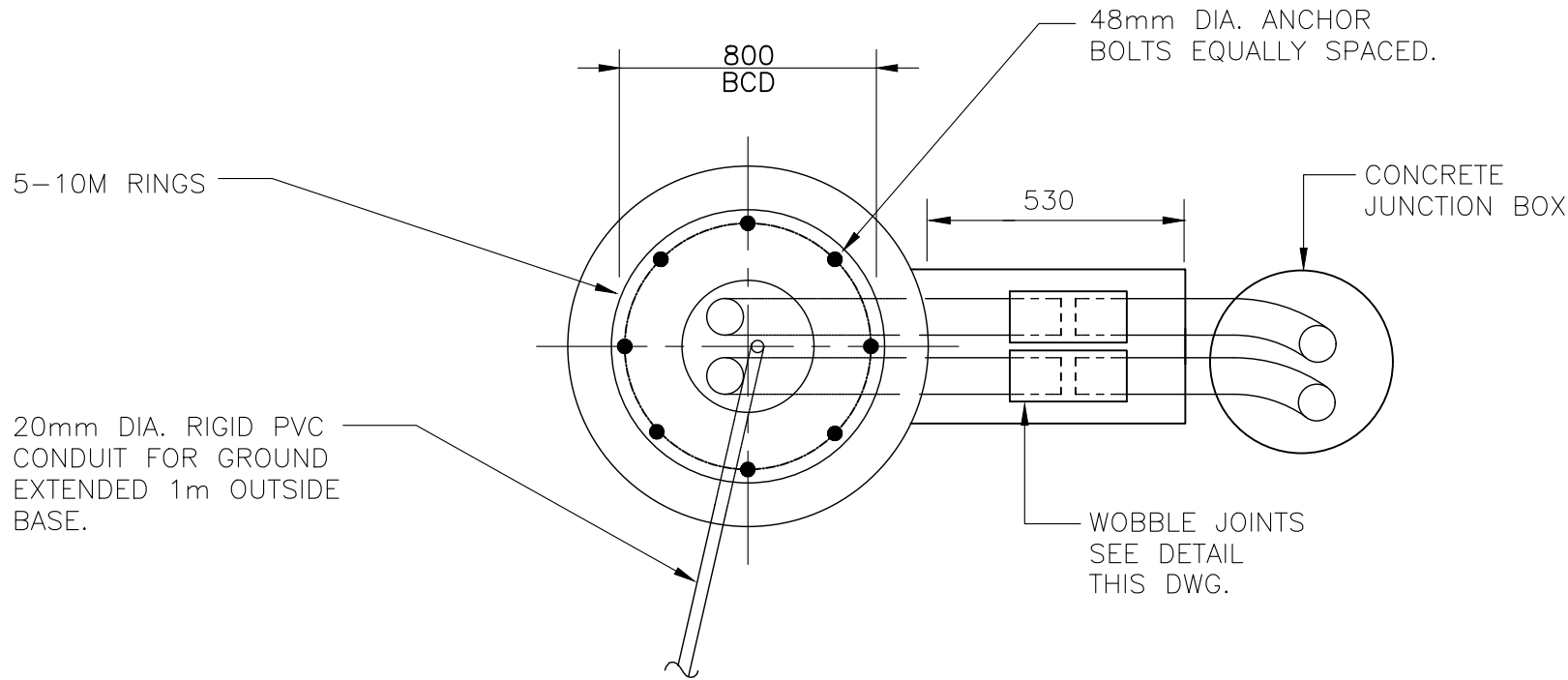
ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.

30m LIGHTING POLE STANDARD REFERENCE DRAWINGS

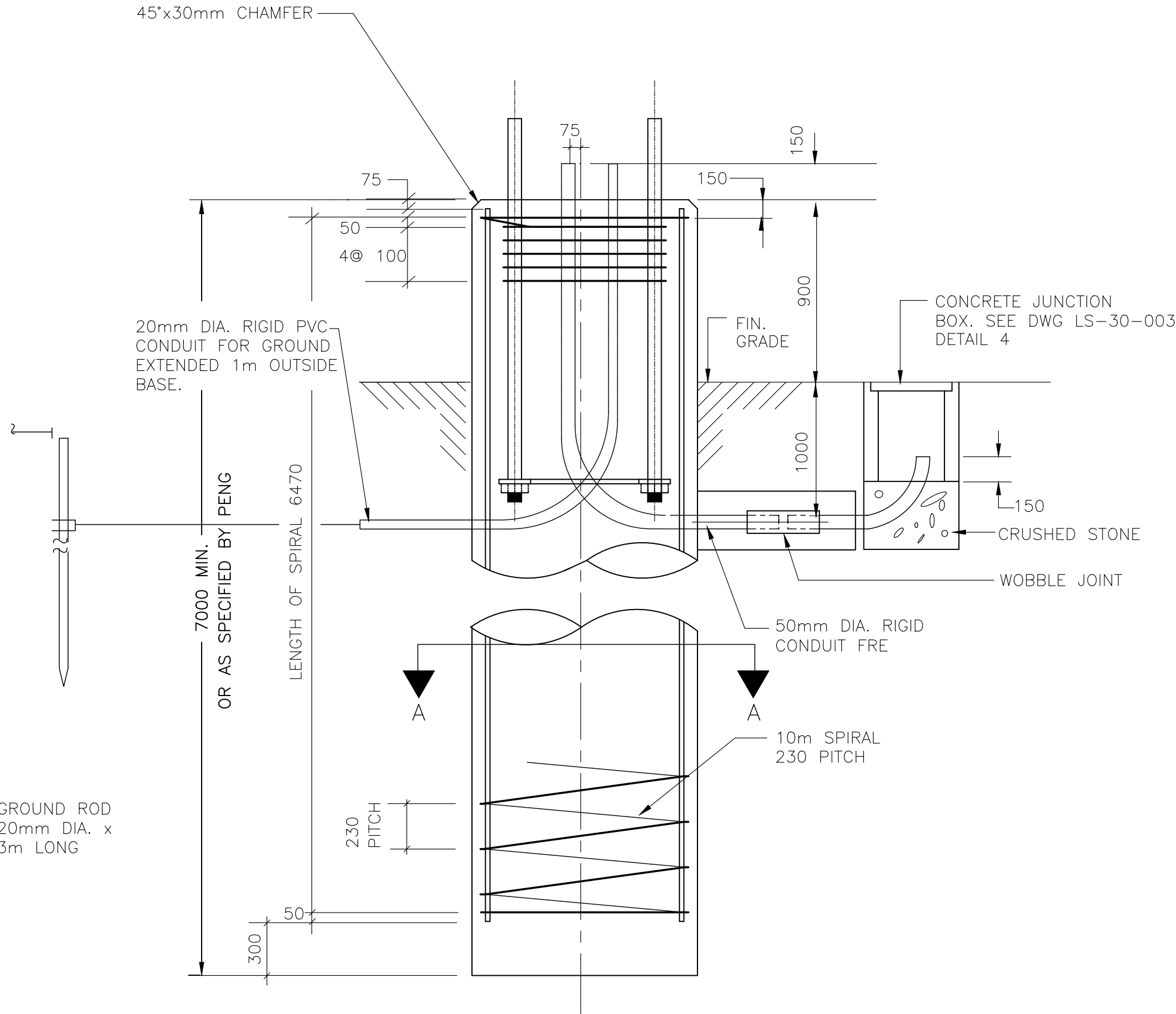
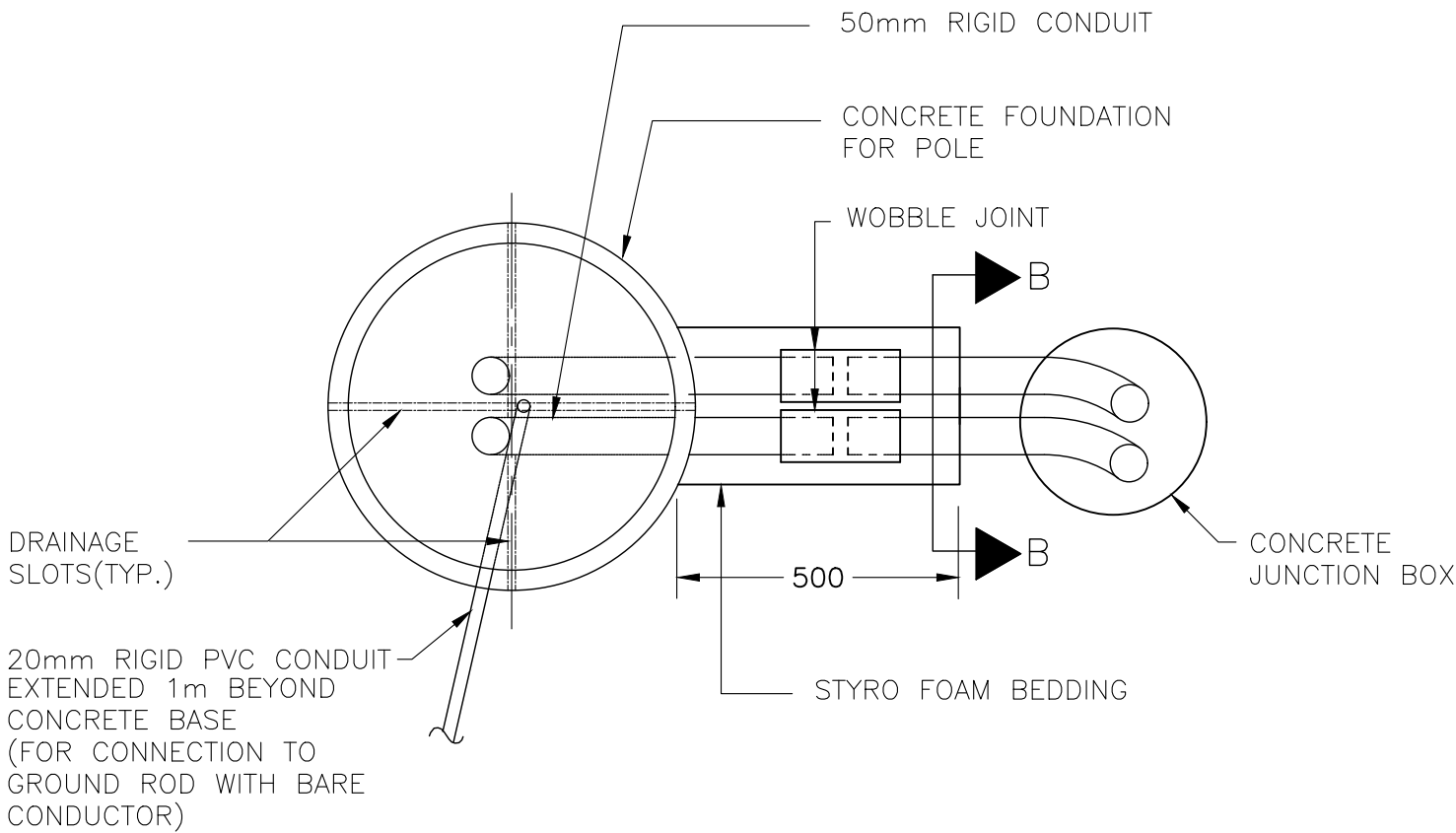
- 1. LS-12R-001 ASSEMBLY DETAIL
- 2. LS-12R-002 RING AND HEADFRAME ASSEMBLY
- 3. LS-12R-003 ELECTRICAL MISCELLANEOUS DETAILS
- 4. LS-12R-005 POLE BASE AND ANCHORAGE DETAILS
- 5. LS-12R-006 WIRING DIAGRAMS

NOTES:

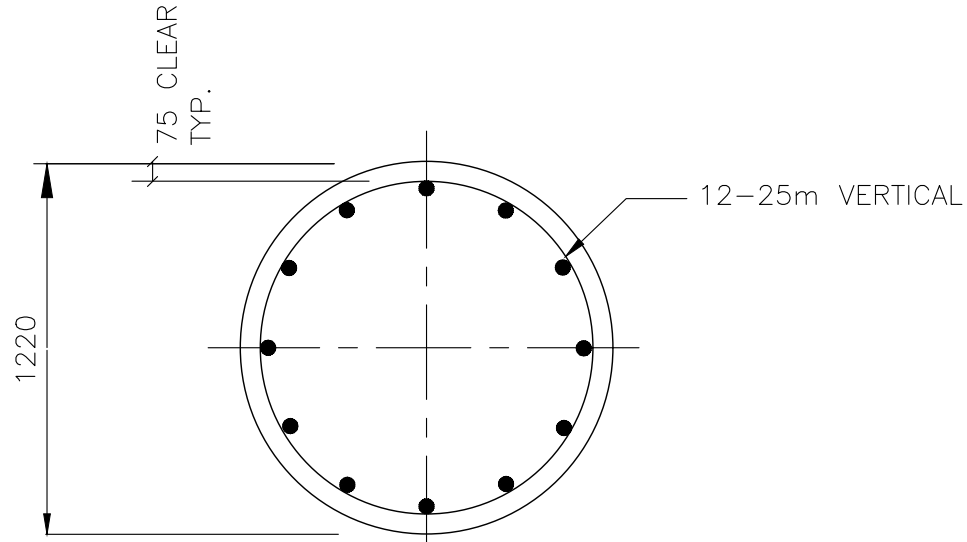
- 1. CONCRETE COMPRESSIVE STRENGTH SHALL BE 30 MPa AT 28 DAYS. PROVIDE 6% AIR ENTRAINMENT.
- 2. REINFORCING STEEL SHALL CONFORM TO C.S.A. SPECIFICATION G30.12M (MIN. YIELD STRENGTH OF 400 MPa.).
- 3. ANCHOR BOLT MATERIAL SHALL BE HIGH STRENGTH TYPE 1 CONFORMING TO ASTM A375M. THE ANCHORAGE ASSEMBLIES MATERIAL OF BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED STEEL CONFORMING TO CSA G164M.
- 4. ANCHOR BOLTS SHALL BE INSTALLED VERTICAL; NO ADJUSTMENT SHALL BE ALLOWED AFTER FOUNDATION IS POURED.
- 5. CONDUIT SIZES AS INDICATED ON PLANS.
- 7. CONCRETE IN FOUNDATION SHALL BE PLACED AGAINST UNDISTURBED GROUND.
- 8. FIBRE TUBING TO BE PEELED OFF 900mm FROM TOP AFTER CONCRETE HARDENS.
- 9. TOP OF FOUNDATION SHALL BE TRUE LEVEL.
- 10. EIGHT ANCHOR RODS EQUALLY SPACED SHALL BE PROVIDED FOR ANCHORAGE ASSEMBLY C/W WASHERS AND NUTS. THE METAL TEMPLATES SHALL BE 100mm WIDE SUITABLE FOR THE ANCHORAGE ASSEMBLY BCD.
- 11. GALVANIZED HEXAGONAL NUT, SIZE TO SUIT ANCHOR ROD, 3 REQUIRED C/W 2 FLAT WASHERS PER ROD.
- 12. BLACK HEXAGONAL NUT, SIZE TO SUIT ANCHOR ROD, 2 REQUIRED PER ROD, TACKWELD TO PLATE. PROVIDE ACROW-RICHMOND ANCHORAGE ASSEMBLY OR APPROVED EQUAL.
- 13. ALL SHOP DRAWINGS MUST BE STAMPED & SUBMITTED.



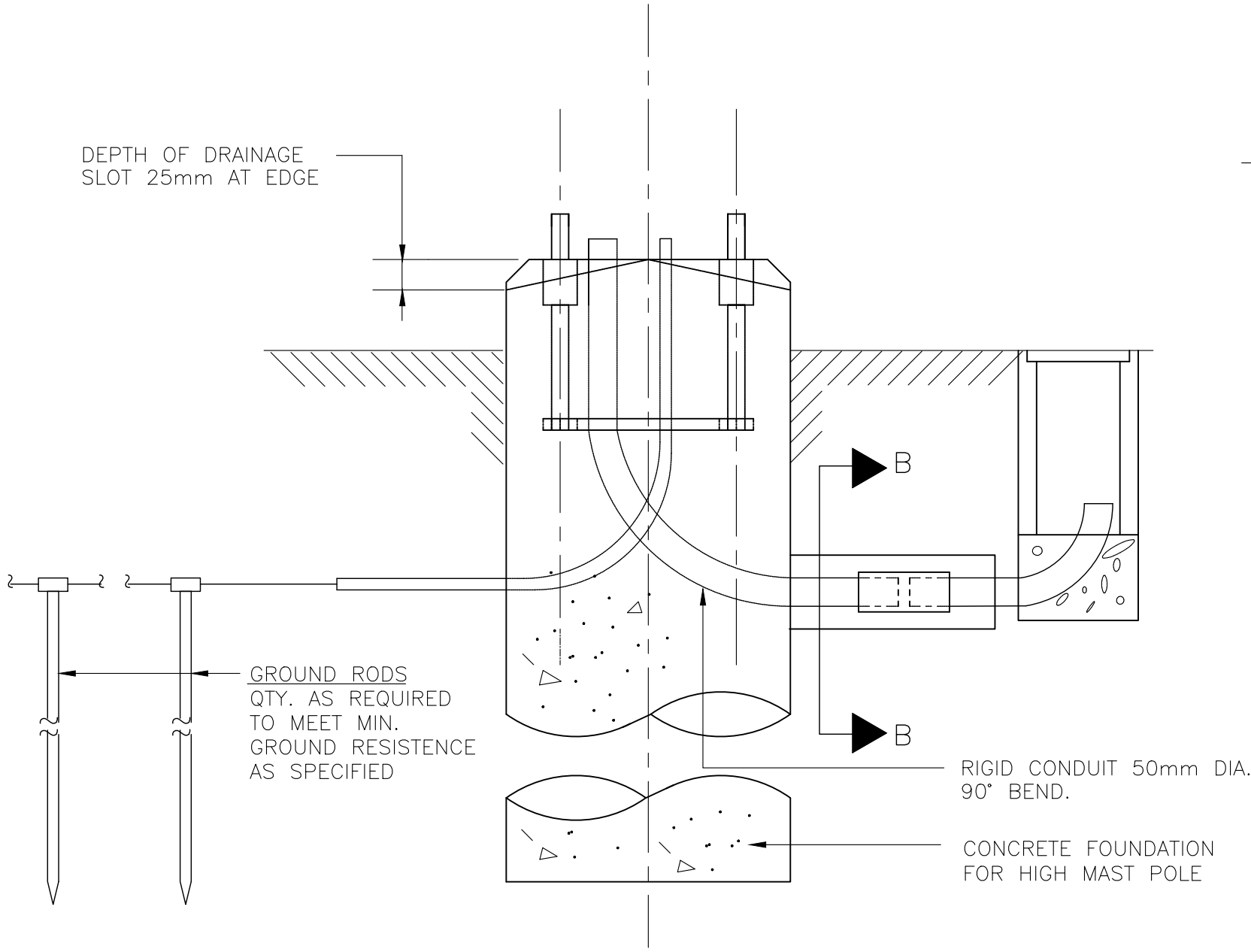
TOP VIEW



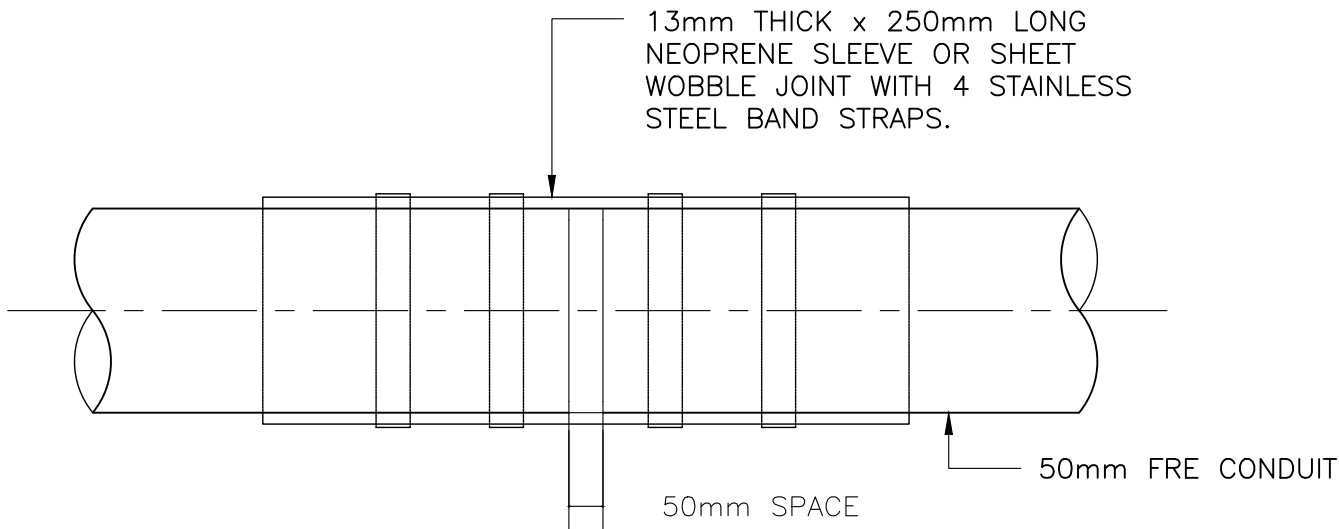
BASE ELEVATION
CONCRETE FOUNDATION & REINFORCEMENT



SECTION A - A

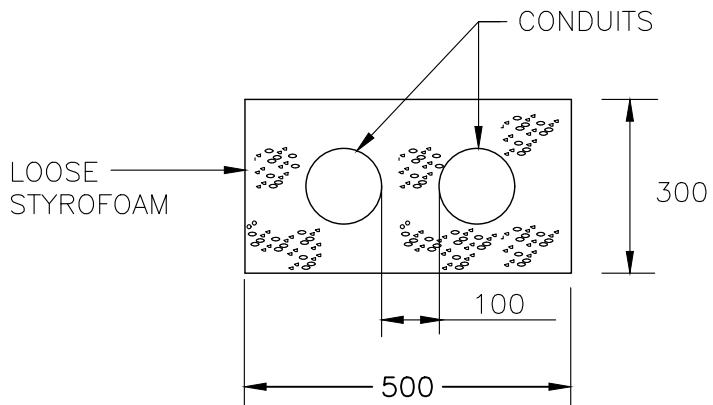


TYPICAL RIGID CONDUIT CONNECTION BETWEEN ELECTRICAL JUNCTION BOX
AND CONCRETE FOUNDATION FOR POLE



WOBBLE JOINT DETAIL

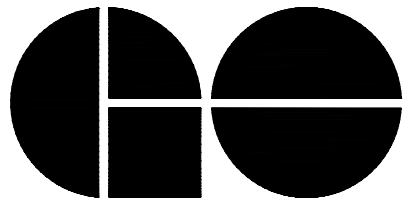
N.T.S.



SECTION B - B

NOTE:
THIS DRAWING IS PROVIDED FOR INSTRUCTIONAL DESIGN PURPOSES ONLY BASED ON METROLINX GO TRANSIT DESIGN GUIDELINES AND REQUIREMENTS. THE CONSULTANT SHALL VERIFY FOR LOCAL CODE COMPLIANCE, EXISTING SITE CONDITIONS AND INTER DISCIPLINARY DRAWING COORDINATION. ALL DIMENSIONS AND SPECIFICATIONS SHOULD BE VERIFIED BY CONSULTANT AND/OR CONTRACTOR BEFORE ACTUAL CONSTRUCTION BEGINS.

METROLINX PROJECT NO. XXXXXX



A Division of METROLINX

XXXXXXXXX STATION
12m LIGHT POLE

WITH RING & LOWERING DEVICE
CONC. FOUNDATION DIMENSIONS AND REINFORCING DETAILS

CONTRACT NO. XX-200X-EN-XXX	DWG. NO. LS 12R-004	REV. 0	SHEET
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REFERENCE DRAWINGS		ISSUE		REVISIONS		DRAWN BY: X.X.X. YY/MM/DD	DESIGNED BY: YY/MM/DD
						CHECKED BY: YY/MM/DD	APPROVED BY: YY/MM/DD
						SCALE: 1:XXX	FULL SIZE ONLY
DWG. NO.	TITLE	NO.	DATE	ISSUED FOR	REV.	DATE	