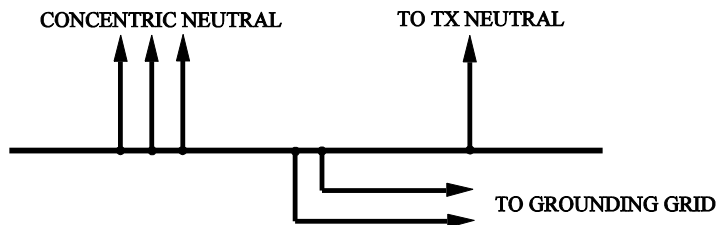


- NOTE:**
1. GROUNDING SHALL COMPLY WITH ELECTRICAL SAFETY AUTHORITY SAFETY ELECTRICAL CODE - LATEST REVISION .
  2. LEAVE 2.4 METRES OF GROUND CONDUCTOR WIRE COILED IN TRANSFORMER BASE .

- 1 2/0 CU. STRANDED BARE, GROUND GRID (610mm BELOW GRADE).
- 2 PRECAST CONCRETE FOUNDATION FOR 3 PHASE PADMOUNT TRANSFORMER AS PER HYDRO ONE BRAMPTON STD. 37-114 .
- 3 TYPICAL WALL OPENING FOR DUCT/CABLE INSTALLATION .
- 4 OUTLINE OF PROPOSED TRANSFORMER .
- 5 TRANSFORMER H0 / X0 GROUNDING .
- 6 CONNECTION TO GROUNDING BAR IN TRANSFORMER .
- 7 GROUND ROD 20mm(3/4") x 3.0m (10 ') LONG (610 mm BELOW GRADE) .
- 8 SUITABLE GROUNDING CONNECTORS FOR 2/0 STR. CU TO  $\diamond$ " ROD : AMPACT WEDGE CONNECTOR  
AMP WRENCH-LOK



GROUNDING SCHEMATIC

CHECKED: *W. P. ...*

APPROVED: *O. H. ...*

APPROVED IN ACCORDANCE WITH REGULATION 22/04		
DATE	REVISION	APPVD
07-09-10	CHGD FDN BASE CABLE ENTRY OPENINGS CHGD GROUNDING WIRE LAYOUT	<i>W.P. B.P.</i>

## 3 PHASE PADMOUNT TRANSFORMER GROUNDING DETAIL