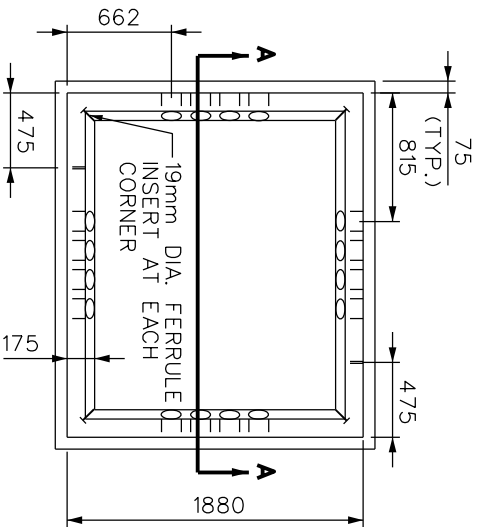


SPECIFIED LIVE LOADING REQUIREMENTS	
DISTRIBUTED LATERAL LOAD ①	25 kN/m ²
TOP SLAB UNIFORM LATERAL LOAD ②	60 kN/m ²
TOP SLAB POINT LOAD ③	70 kN

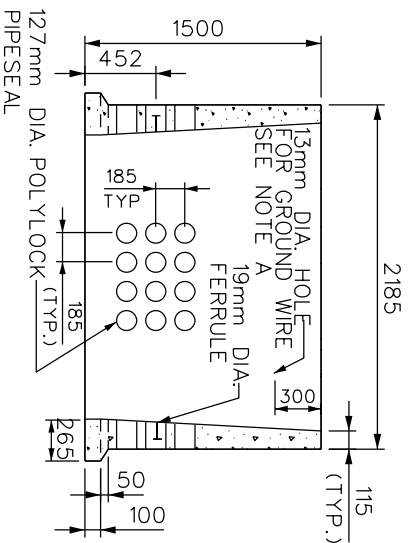
① BASED ON LATERAL LOADS FROM WATER TABLE AT SURFACE, SOIL AND SURCHARGE FROM WHEEL LOAD.

② BASED ON THE WEIGHT OF A 2500kVA TRANSFORMER OF 73.87KN (7530kg).

③ BASED ON WHEEL LOAD OF CL-625 ONTARIO TRUCK FROM CAN/CSA S6-06 LATEST EDITION.



PLAN VIEW - BASE



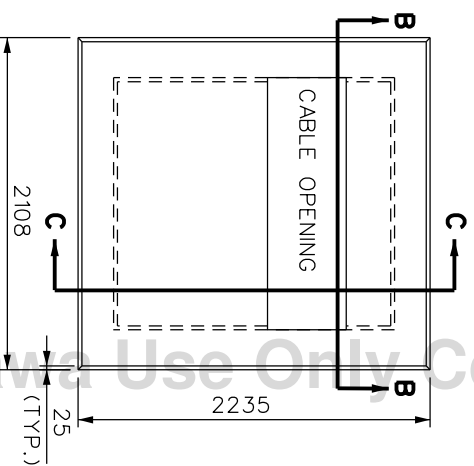
SECTION A-A TYPICAL

NOTES:

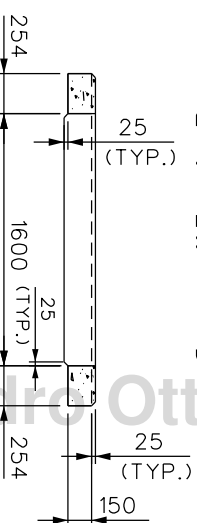
A. HOLE FOR GROUND WIRE TO BE LABELED WITH GROUND SYMBOL USING GREEN PAINT. SYMBOL TO MEASURE 150 x 150. SAMPLE:

N.T.S.

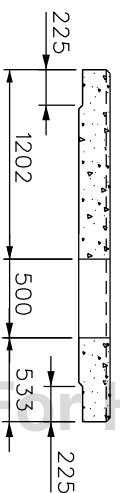
- B. ALL DIMENSIONS IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
- C. CONCRETE - 35 MPa AND SHALL MEET REQUIREMENTS OF CSA A23.1 LATEST EDITION FOR CONCRETE EXPOSED TO DE-ICING CHEMICALS. AIR CONTENT 5-8%, C1-CLASS OF EXPOSURE.
- D. REINFORCING STEEL - 400MPa, MINIMUM 40mm COVER.
- E. PAD SHALL BE PROVIDED WITH SWIFT LIFT SYSTEM TO ACCOMMODATE INSTALLATION AND REMOVAL.



PLAN VIEW - PAD



SECTION B-B



SECTION C-C

REVISIONS	PREP	CHKD	APPD
REV: 3 DATE: 2008-11-05 CHANGE: MODIFIED SLAB OPENING ADDED NOTE D	GP	PL	CSM
REV: 4 DATE: 2010-05-27 CHANGE: TITLE CHANGE	FB	RW	CSM
REV: 5 DATE: 2015-05-25 CHANGE: REVISED TABLE & NOTES	MM	RW	GSM



PREP: K. PRICE
CHKD: M. MUNROE
APPD: C. MALONE P.Eng.
DATE: 2002-03-11
SCALE: 1:40 @ ANSIA

TITLE
**ENGINEERING SPECIFICATION
SWITCHGEAR PAD & BASE**

CONSTRUCTION DETAIL

NO:	1	REV:	5
UCS0026	1	OF	1