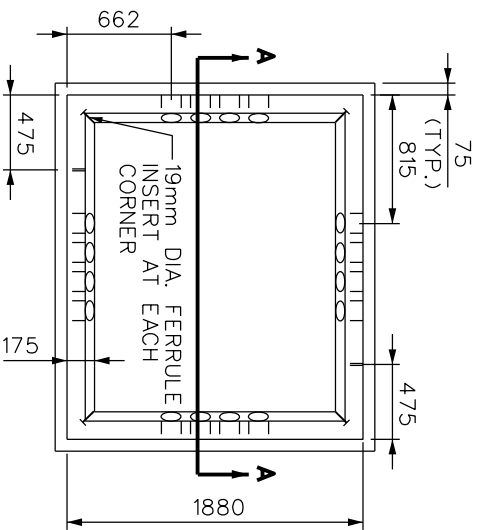


SPECIFIED LIVE LOADING REQUIREMENTS	
DISTRIBUTED LATERAL LOAD ①	25 kN/m <sup>2</sup>
TOP SLAB UNIFORM LATERAL LOAD ②	60 kN/m <sup>2</sup>
TOP SLAB POINT LOAD ③	70 kN

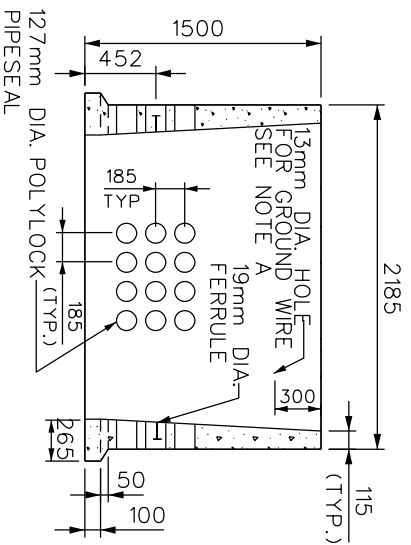
① BASED ON LATERAL LOADS FROM WATER TABLE AT SURFACE, SOIL AND SURCHARGE FROM WHEEL LOAD.

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

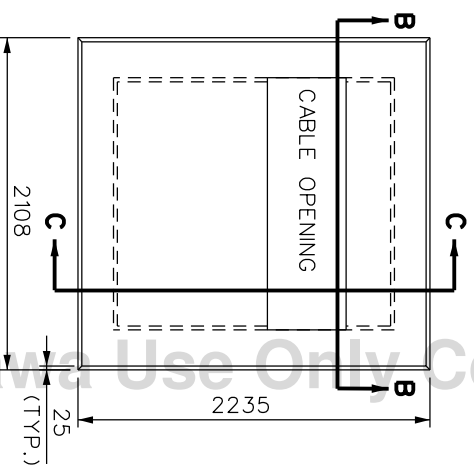
③ BASED ON WHEEL LOAD OF CL-625 ONTARIO TRUCK FROM CAN/CSA S6-06 LATEST EDITION.



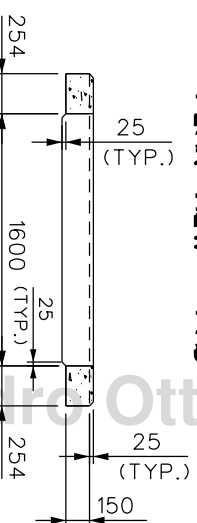
PLAN VIEW - BASE



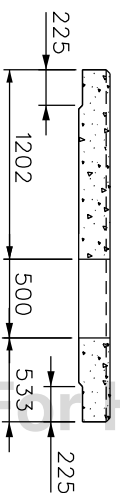
SECTION A-A TYPICAL



PLAN VIEW - PAD



SECTION B-B



SECTION C-C

**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.

REVISONS	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  
DATE: 2002-03-11  
SCALE: 1:40 @ ANSIA

TITLE  
ENGINEERING SPECIFICATION  
SWITCHGEAR PAD & BASE

CONSTRUCTION DETAIL

NO:	UCS0026	REV:	1
			5