

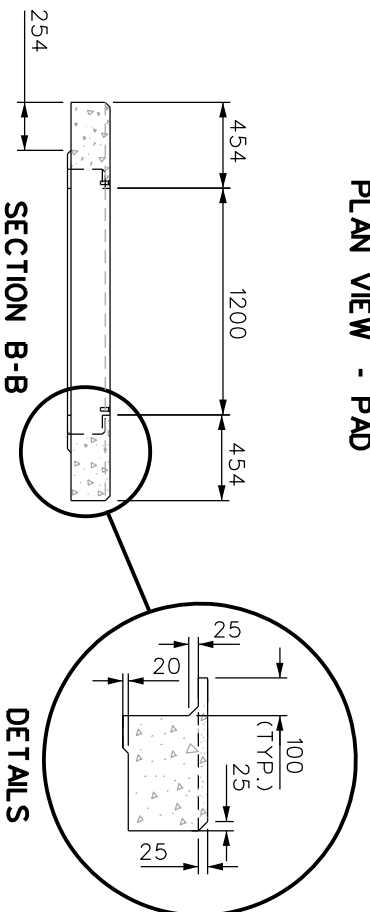
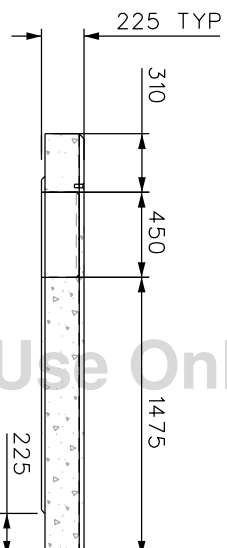
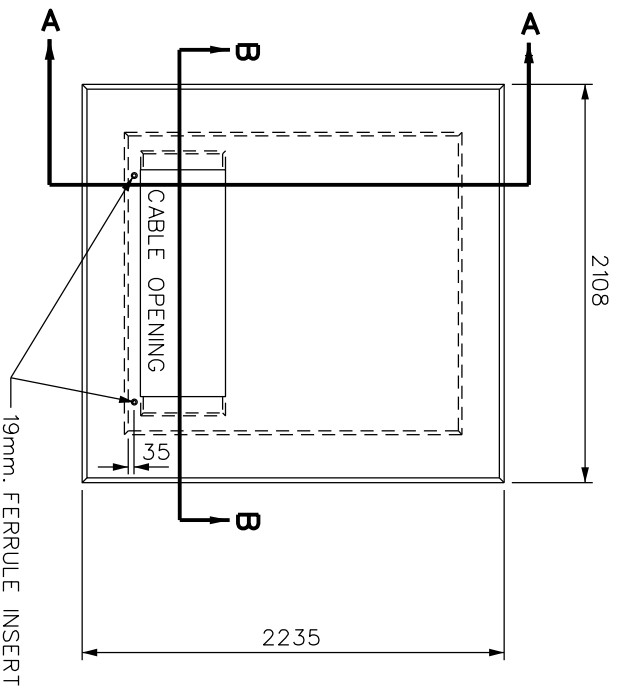
SPECIFIED LIVE LOADING REQUIREMENTS	
DISTRIBUTED LATERAL LOAD ①	25 kN/m ²
TOP SLAB UNIFORMLY DISTRIBUTED LOAD ②	60 kN/m ²
TOP SLAB POINT LOAD ③	70 kN

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.

- NOTES:**
- ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE INDICATED.
 - 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.
 - REINFORCING STEEL - 400MPa, MINIMUM 40mm COVER.
 - PAD SHALL BE PROVIDED WITH SWIFT LIFT SYSTEM TO ACCOMMODATE INSTALLATION AND REMOVAL.
 - PAD DESIGNED TO FIT UCS0025 SWITCHING MANHOLE BASE.



REV.	DATE	BY	CHKD	APPD
1	2010-05-27	FB	RW	CSM
CHANGE: TITLE CHANGE				
2	2015-05-25	MM	RW	CSM
CHANGE: REVISED TABLE & NOTES				
REV. CHANGE:	DATE: YYYY-MM-DD			



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PREP: G. MOLNAR

 CHKD: C. PROULX

 APPD: C. MALONE

 DATE: 2008-11-10

 SCALE: 1:40 @ ANSIA

TITLE: ENGINEERING SPECIFICATION TRANSFORMER PAD ON 612 SWITCHING MANHOLE BASE 3 PHASE CONSTRUCTION DETAIL

NO: UCS0035

1	REV:
1	OF
2	

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