

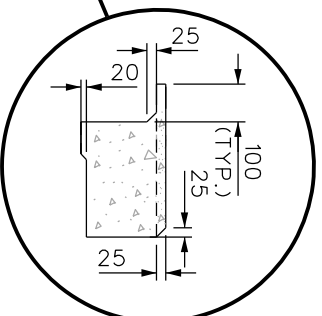
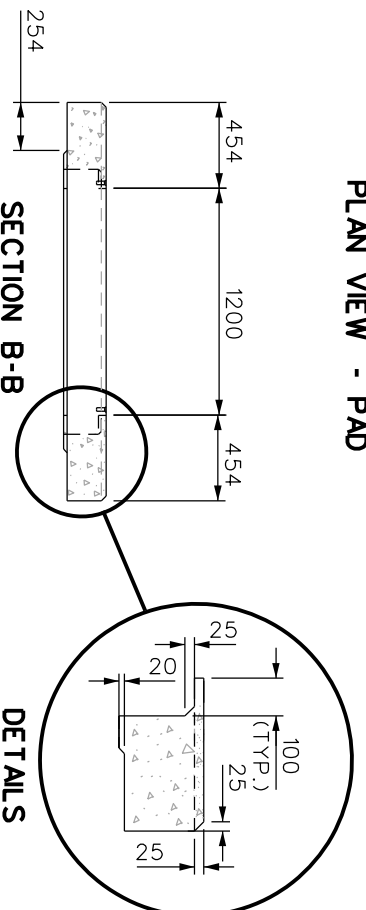
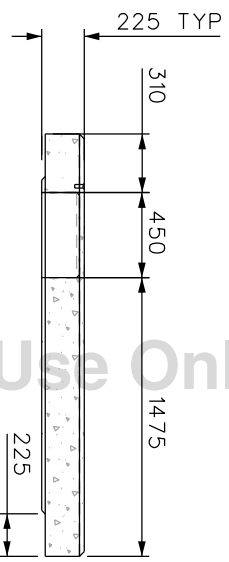
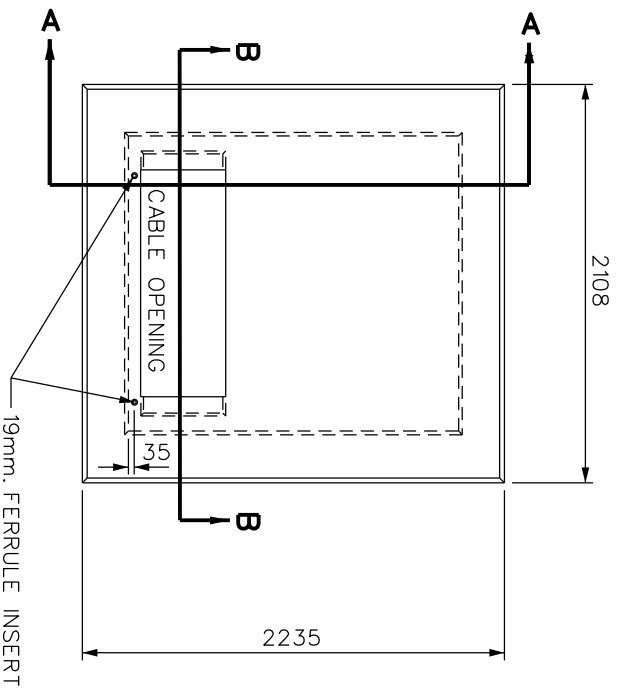
SPECIFIED LIVE LOADING REQUIREMENTS	
DISTRIBUTED LATERAL LOAD ①	25 kN/m ²
TOP SLAB UNIFORMY DISTRIBUTED LOAD ②	60 kN/m ²
TOP SLAB POINT LOAD ③	70 kN

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

HydroOttawa
www.hydroottawa.com

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	REV:
1	OF

For Hydro Ottawa Use Only Copyright 2015