

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

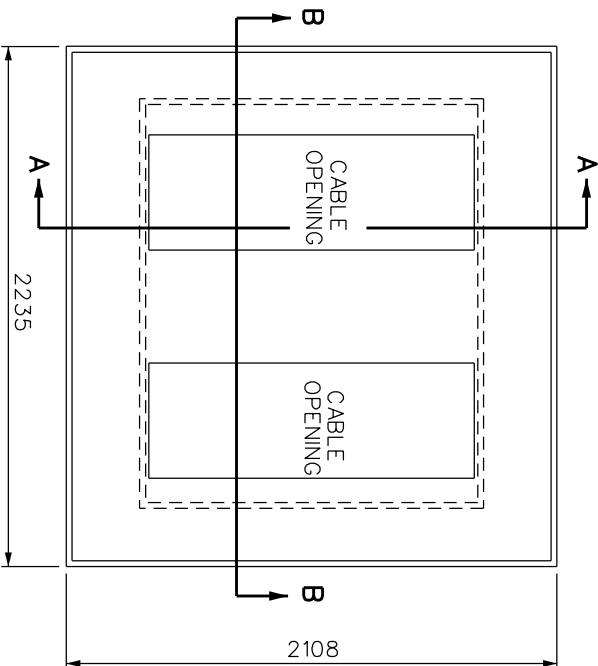
① BASED ON LATERAL LOADS FROM WATER TABLE AT SURFACE, SOIL AND SURCHARGE FROM WHEEL LOAD.

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

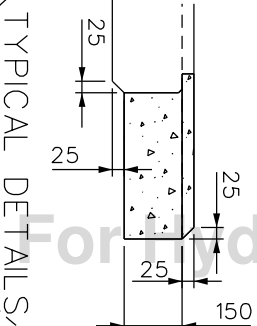
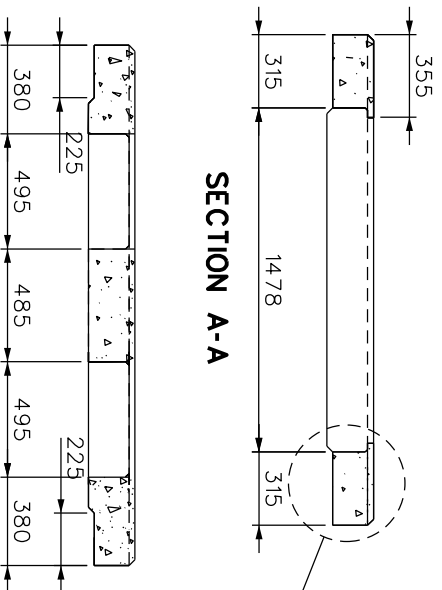
③ BASED ON WHEEL LOAD OF CL-625 ONTARIO TRUCK FROM CAN/CSA S6-06 LATEST EDITION.

**NOTES:**

- A. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE INDICATED.
- B. 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.
- C. REINFORCING STEEL - 400MPa, MINIMUM 40mm COVER.



**PLAN VIEW - PAD**



**SECTION B-B**

TITLE

ENGINEERING SPECIFICATION

SWITCH PAD ON 612 SWITCHING MANHOLE BASE

CONSTRUCTION DETAIL



REVISONS	PREP	CHKD	APPD
DATE:	CP	CP	CSM
REV: 2 DATE: 2007-09-28 CHANGE: NOTE: RE: CONCRETE			
REV: 3 DATE: 2010-05-27 CHANGE: TITLE CHANGE	FB	RW	CSM
REV: 4 DATE: 2015-05-25 CHANGE: REVISED TABLE & NOTES	MM	RW	CSM

PREP: F. BOLO	CHKD: M. MUNROE
APPD: C. MALONE	P. Eng.
DATE: 2002-03-22	SCALE: 1:30 @ ANSIA

NO:	1	REV:	4
UCS0027	1		

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