

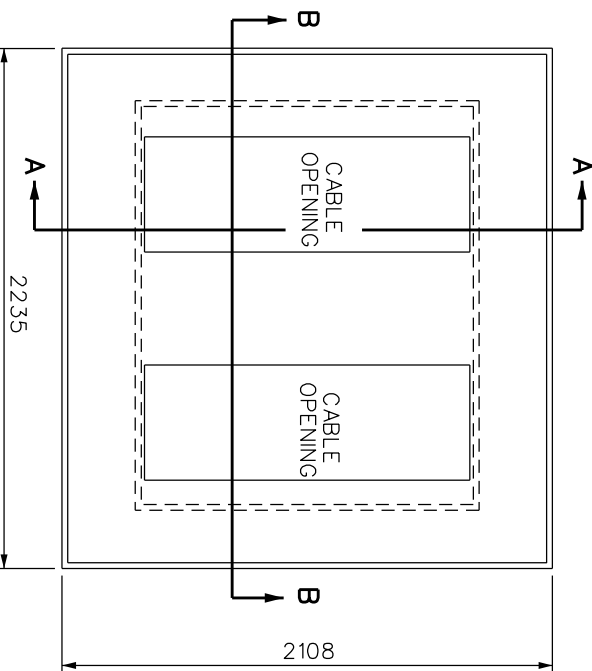
SPECIFIED LIVE LOADING REQUIREMENTS	
LATERAL LOAD ①	25 kN/m <sup>2</sup>
TOP SLAB UNIFORML Y DISTRIBUTED LOAD ②	60 kN/m <sup>2</sup>
TOP SLAB POINT LOAD ③	70 kN

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

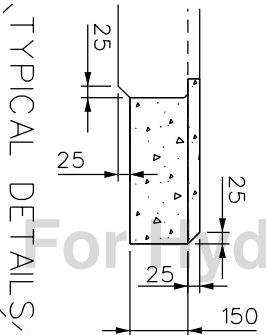
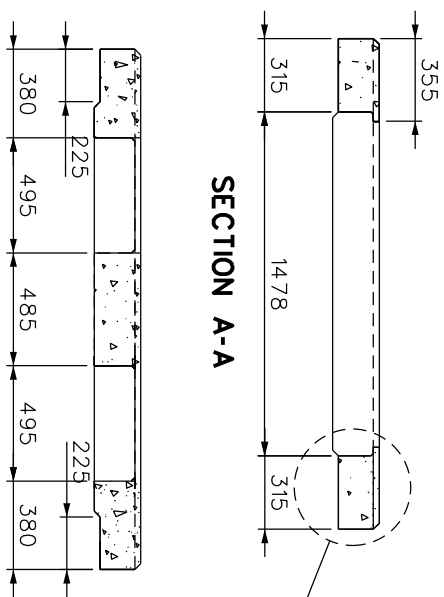
②BASED ON THE WEIGHT OF A 2500KVA TRANSFORMER OF 73.87KN (7530kg).

③BASED 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**



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

  
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**ENGINEERING SPECIFICATION**  
**SWITCH PAD ON 612**  
**SWITCHING MANHOLE BASE**  
**CONSTRUCTION DETAIL**

**UCS0027**

NO:	REV:
1	4