
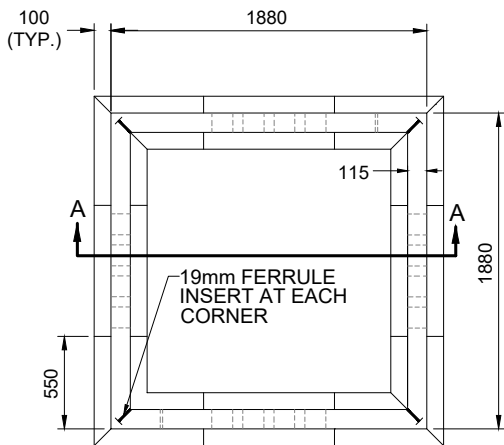


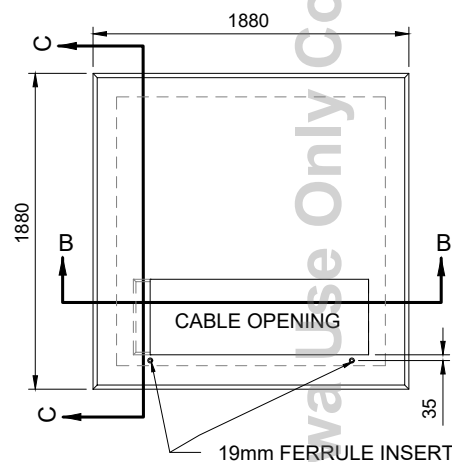
SPECIFIED LIVE LOADING REQUIREMENTS	
DISTRIBUTED LATERAL LOAD ①	25 kN/m ²
TOP SLAB UNIFORMLY DISTRIBUTED LOAD ②	60 kN/m ²
TOP SLAB POINT LOAD ③	70 kN
① BASED ON LATERAL LOADS FROM WATER TABLE AT SURFACE, SOIL AND SURCHARGE FROM WHEEL LOAD.	
② BASED ON THE WEIGHT OF A 2500kVA TRANSFORMER OF 73.87kN (7530kg).	
③ BASED ON WHEEL LOAD OF CL-625 ONTARIO TRUCK FROM CAN/CSA S6-06 LATEST EDITION.	

NOTES:

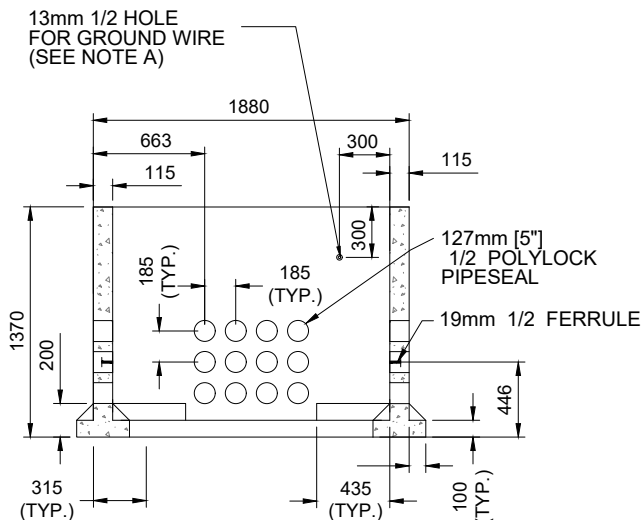
- A. HOLE FOR GROUND WIRE TO BE LABELED WITH GROUND SYMBOL USING GREEN PAINT. SYMBOL TO MEASURE 150 x 150. SAMPLE:  N.T.S.
- B. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE INDICATED
- C. CONCRETE - 35 MPa. AND SHALL MEET REQUIREMENTS OF CSA A23.1 LATEST EDITION FOR CONCRETE EXPOSED TO DE-ICING CHEMICALS. 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.



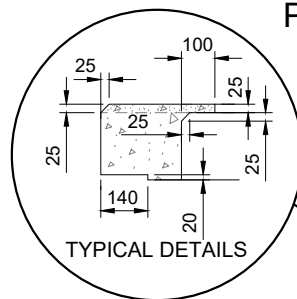
PLAN VIEW - BASE



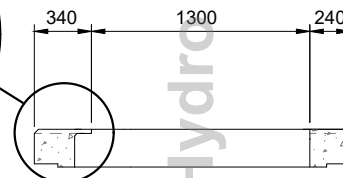
PLAN VIEW - PAD



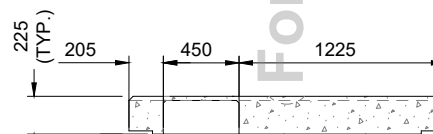
SECTION A-A TYPICAL



TYPICAL DETAILS




SECTION B-B



SECTION C-C KNOCK-OUT DETAIL

4.2.3 TECH STD AND MAT --> 01 STDS --> 01 HOL --> U-UNDERGROUND --> C-CHAMBERS

REVISIONS	PREP	CHKD	APPD
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
REV: 5 DATE: 2022-06-06 CHANGE: REMOVED KNOCKOUT ON SECONDARY SIDE	EV	MW	BH



HydroOttawa
WWW.HYDROOTTAWA.COM

PREP: G. GOFORTH
CHKD: C. PROULX
APPD: C. MALONE P.Eng
DATE: 2002-03-08
SCALE: N.T.S. @ ANSI A

TITLE	ENGINEERING SPECIFICATION		
	TRANSFORMER BASE & PAD		
	3 PHASE 150kVA - 2500kVA		
	CONSTRUCTION DETAIL		
NO:	UCS0001		1 REV: 5
		1	OF 5
		1	