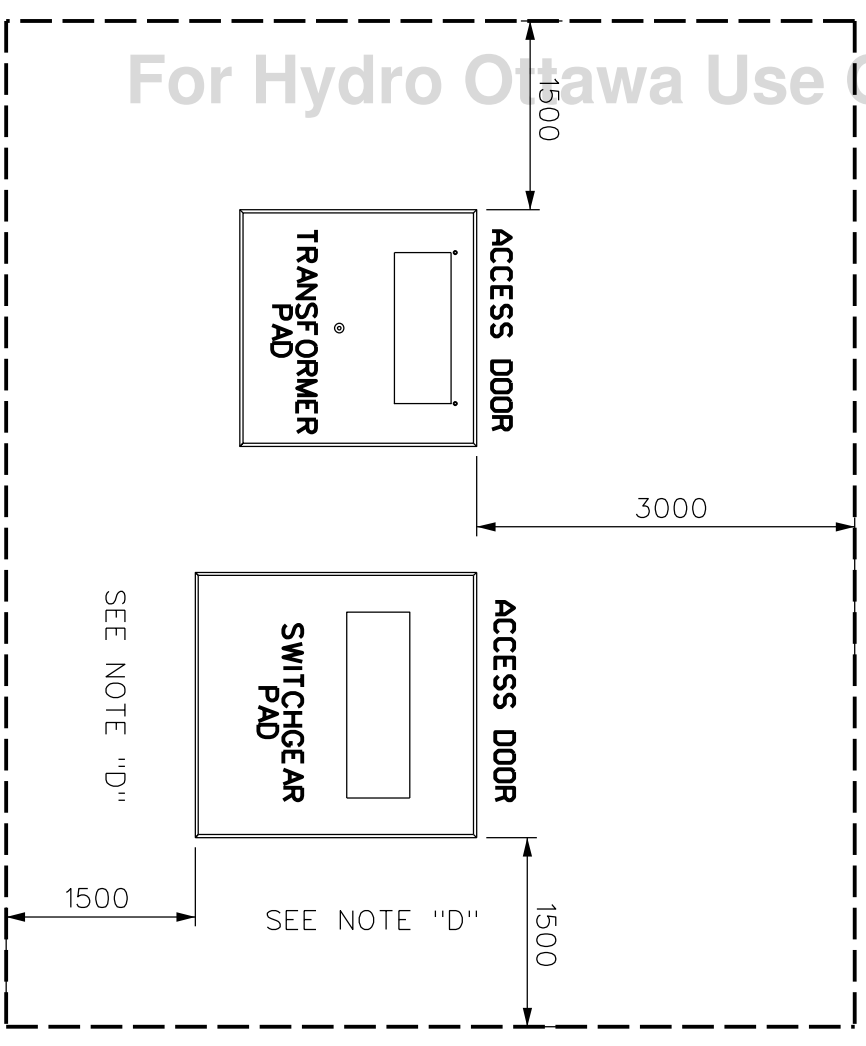
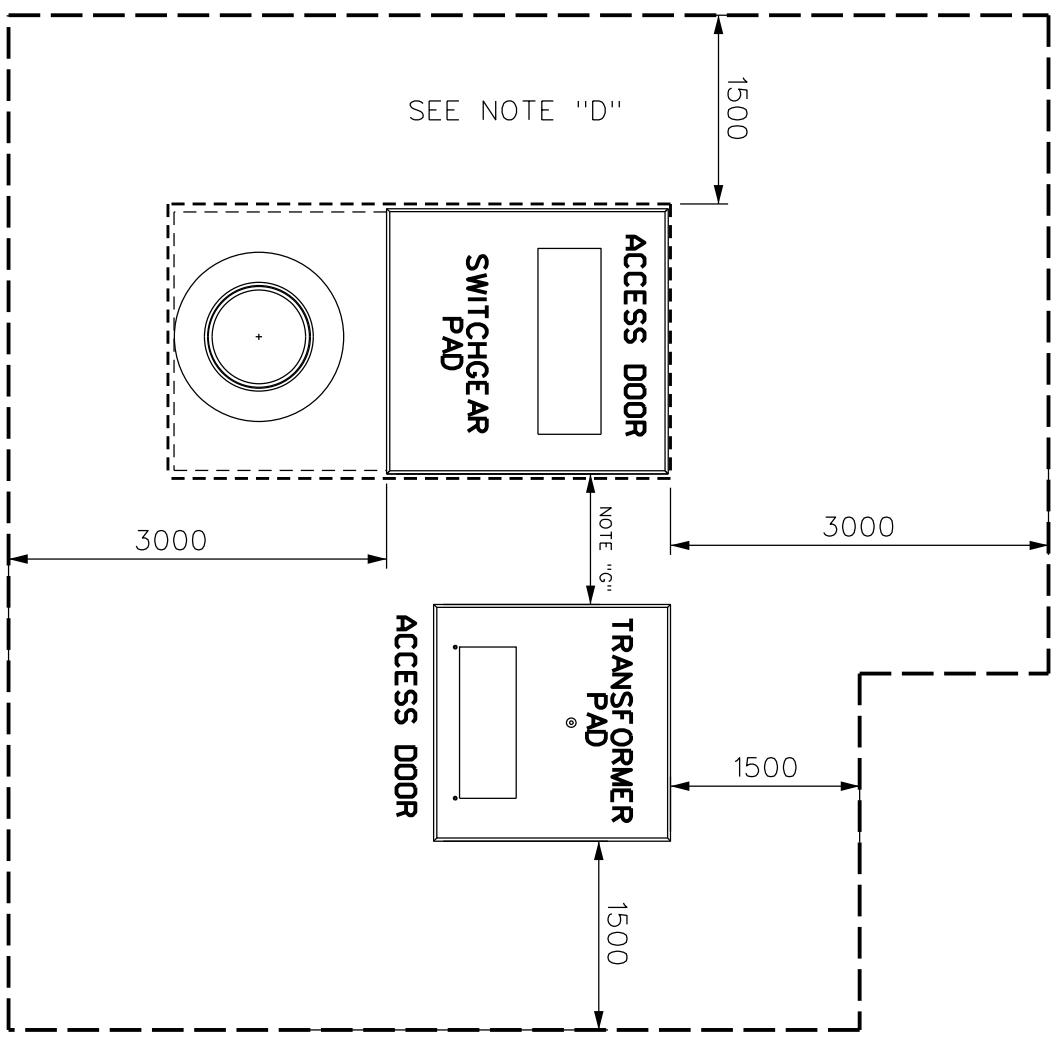


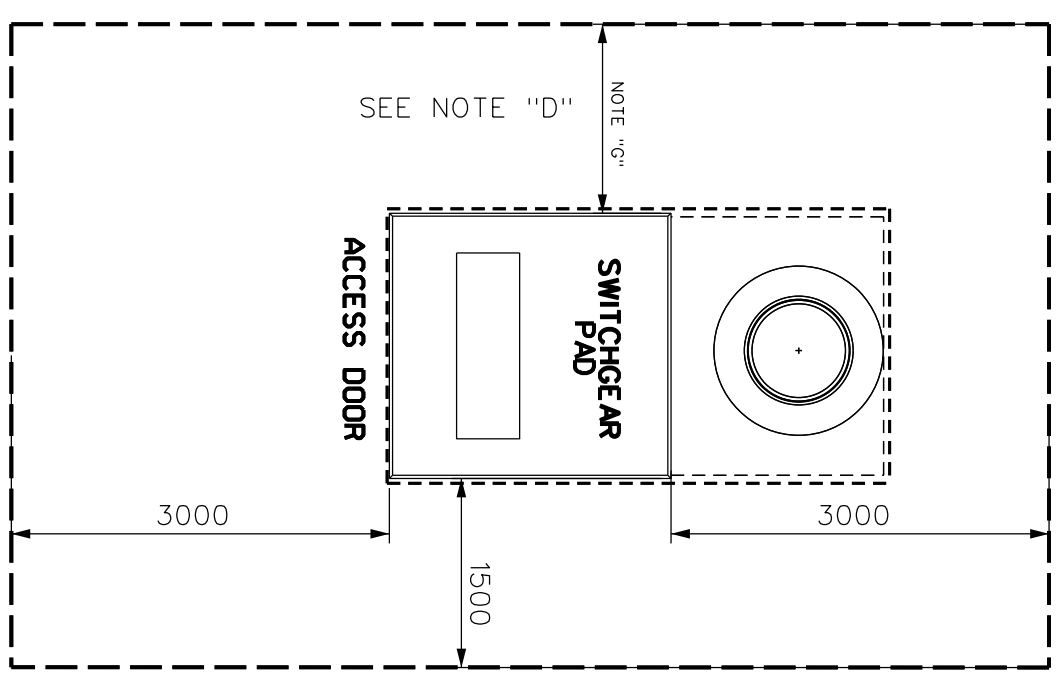
DETAIL 1



DETAIL 2



DETAIL 3



DETAIL 4

NOTES:

- A. ALL UNITS IN MILLIMETERS UNLESS OTHERWISE INDICATED.
- B. CLEARANCE REQUIRED FOR OPERATING/MAINTENANCE AND COOLING OF PADMOUNTED EQUIPMENT.
- C. NO PLANTING OR PERMANENT/TEMPORARY STRUCTURES INSIDE CLEARANCE AREA. MATURE GROWTH OF PLANTING SHALL NOT EXTEND INTO CLEARANCE AREA. SEE HYDRO OTTAWA PUBLICATION "TREE PLANTING ADVICE" AT WWW.HYDROOTTAWA.COM.
- D. FOR ALL SIDES WITH ACCESS DOORS, 3000 CLEARANCE IS REQUIRED.
- E. ALL METAL FENCES OR CONDUCTIVE STRUCTURES WITHIN 2400 OF EQUIPMENT SHALL BE BONDED TO GROUND. FOR GROUND GRID DETAILS REFER TO UGS0002. FENCES SHALL HAVE GATES ACCEPTABLE TO HYDRO OTTAWA.
- F. SWIMMING POOLS SHALL BE AT LEAST 3000 FROM PADMOUNTED EQUIPMENT.
- G. DIMENSION SHALL BE 1500 FOR MANUAL VISTA SWITCH GEAR AND 3400 FOR AUTOMATED VISTA SWITCH GEAR.

REVISIONS		PREP	CHKD	APPD	TITLE
REV	DATE	CP	CM	CSM	
REV: 2	DATE: 2009-02-06				ENGINEERING SPECIFICATION TRANSFORMER & SWITCHGEAR PAD CONSTRUCTION DETAIL UTS0038
CHANGE: NOTE F ADDED					
REV: 3	DATE: 2010-05-27	FB	RW	CSM	
CHANGE: TITLE CHANGE					
REV: 4	DATE: 2015-05-25	GM	RL	CSM	
CHANGE: NOTE B REVISED RE: TEMPORARY ADDED					