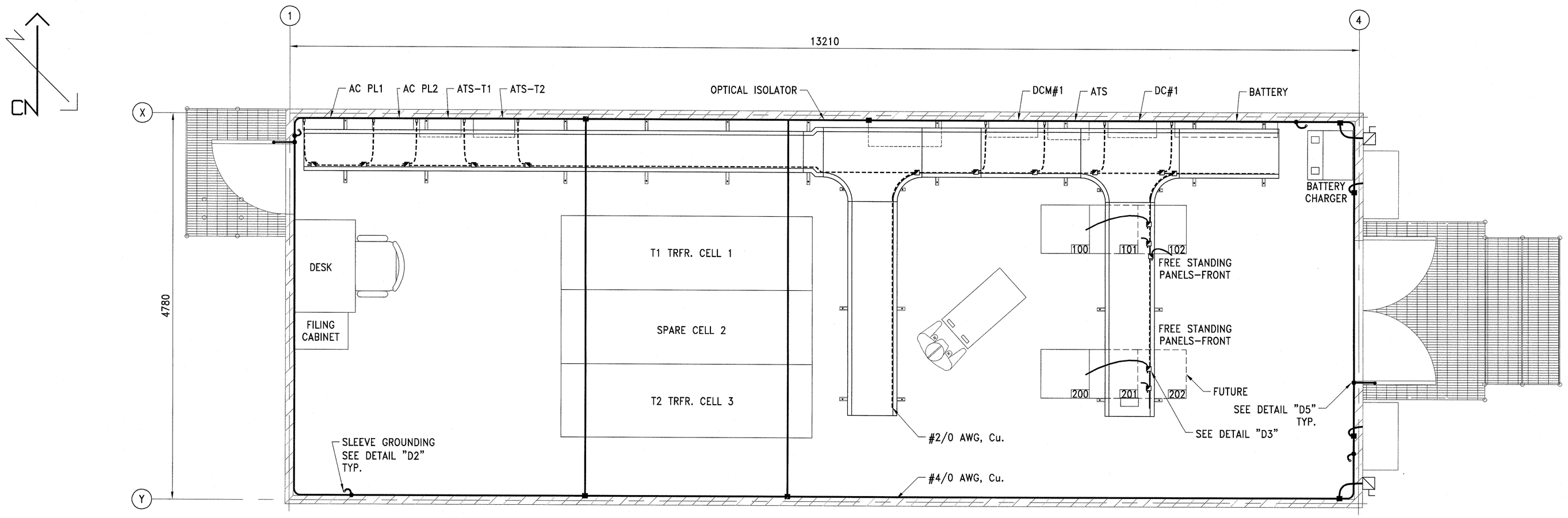
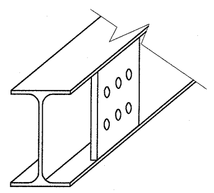
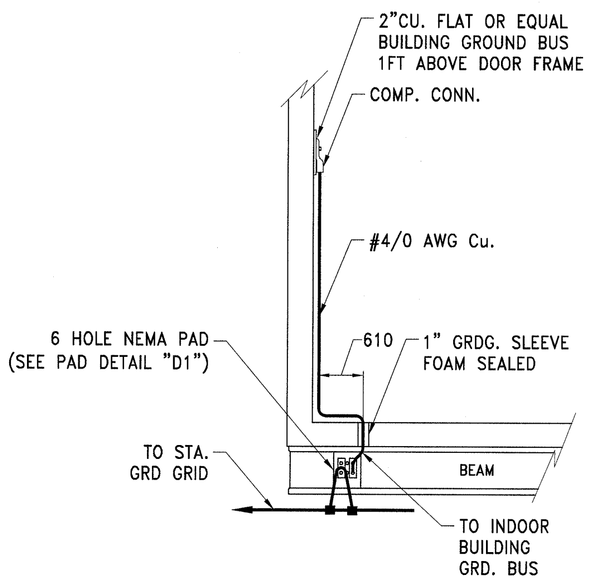


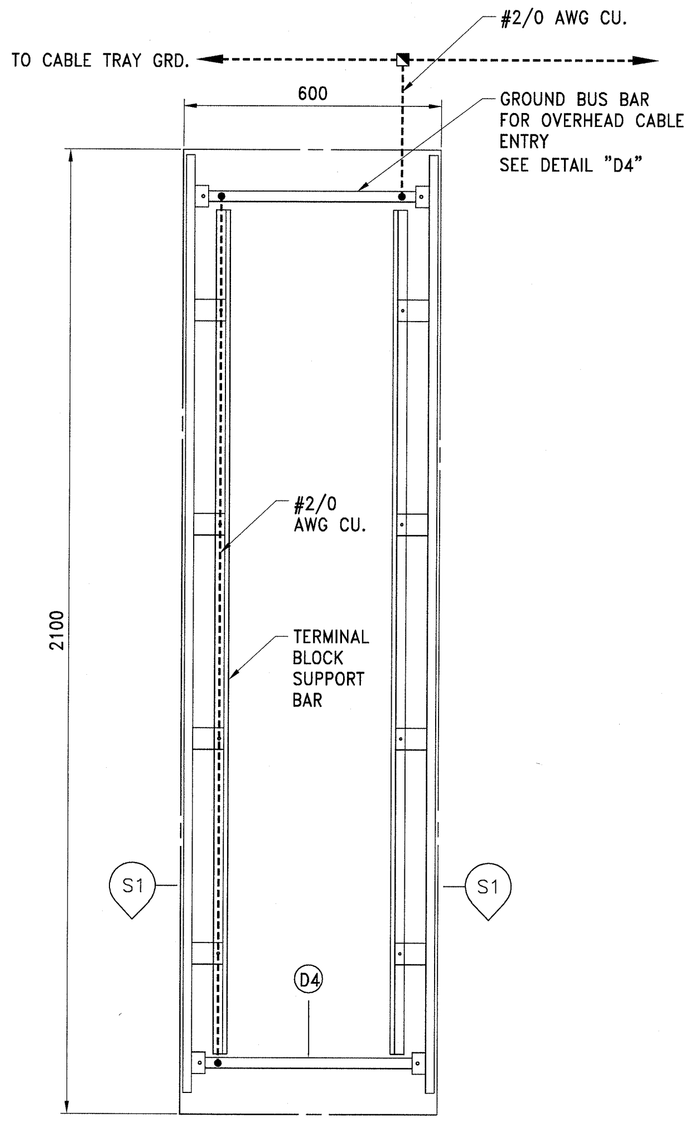
GROUNDING ARRANGEMENT



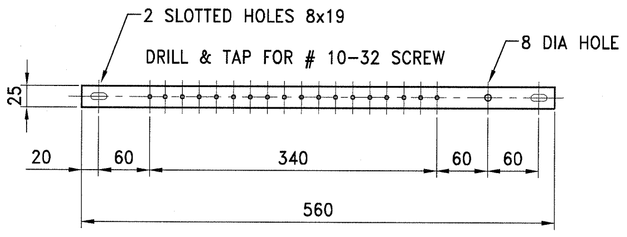
DETAIL "D1"
6 HOLE NEMA PAD TO BE WELDED ON EDGE OF BEAM
N.T.S.



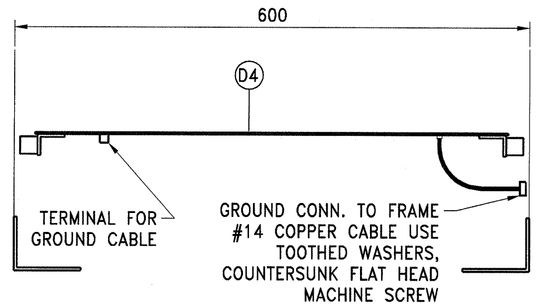
DETAIL "D2"
N.T.S.



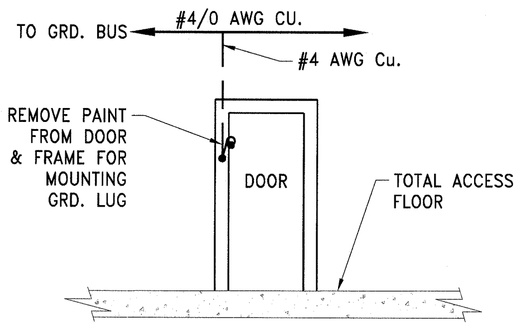
DETAIL "D3"
N.T.S.



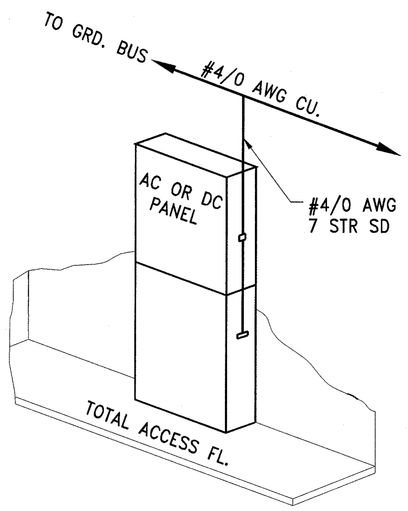
DETAIL "D4"
GROUND BUS BAR 25x3x560 COPPER
N.T.S.



SECTION "S1"
GROUND BUS BAR 25x3x560 COPPER
N.T.S.



DETAIL "D5"
DOOR FRAME GRDG
N.T.S.



DETAIL "D6"
CABINET GRD. CONN.(TYP.)
N.T.S.

NOTES:

1. CABLE TRAY GROUNDING TO BE RUN #2/0 CU. THE ENTIRE LENGTH OF THE CABLE TRAY. GROUNDING CONDUCTOR TO FASTENED WITH TERM. IN THE INSIDE WALL OF THE CABLE TRAY.
2. EACH FREE-STANDING RACK TO BE GROUNDED PER DETAIL "D3"
3. AC/DC PANEL BOARDS & DOORS GRD. AS DETAIL"D6" & "D5".
4. ALL INSTALLATIONS TO BE AS PER ULC, CSA AND ONTARIO ELECTRICAL SAFETY CODE.

LEGEND:

SYMBOL	DESCRIPTION
----------	#2/0 AWG Cu.
————	#4/0 AWG Cu.
— — — —	#4 AWG Cu.
■	#4/0 Cu. – #4/0 Cu.
◪	#2/0 Cu. – #2/0 Cu.

PROFESSIONALS:

N°	DATE	TRANSMISSION	BY ENG

SMi THE S.M. GROUP INTERNATIONAL INC.
6205B Airport rd. Suite 205, Mississauga (Ontario) L4V 1E3
Tel. : 905 677.9009 / Fax. : 905 677.9014
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RELEASED FOR CONSTRUCTION

STAMP :

LICENSED PROFESSIONAL ENGINEERS PROVINCE OF ONTARIO
Y.Lessard
100128932

CLIENT :

PROJECT :

MCMASTER UNIVERSITY–NF91

TITLE :
13.8kV AREA E-HOUSE GROUNDING ELECTRICAL ARRANGEMENT

PREPARED BY : M.GUAY	DATE : 2018/07/15
DRAWN BY : M.GUAY	SCALE : 1:30 & NOTED
VERIFIED BY : M.LAROCQUE	DISCIPLINE : ELECTRICAL ARRANGEMENT
APPROVED BY : Y.LESSARD	CAD FILE NAME F1731664-300-EA006.dwg

PROJECT No:	LOT:	DWG. #	REV:	PAGE :
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