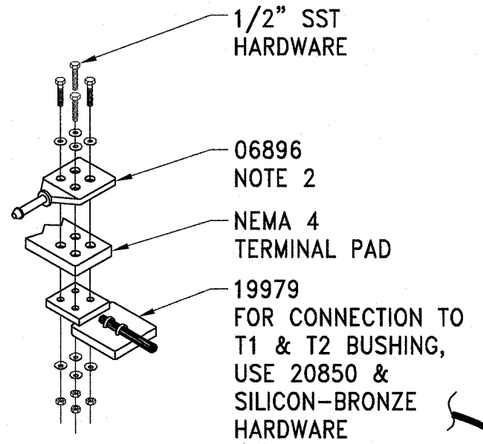


DETAIL 1



DETAIL 2

DETAIL 3
OPERATING MECHANISM GROUNDING

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. GROUNDING STIRRUPS FOR PORTABLE GROUNDING WILL BE MOUNTED ON TOP OF CD ALLOY CONDUCTOR TERMINAL.
3. LOCATION OF CONNECTION BETWEEN GRDG. BRAID W /2–HOLE NEMA PAD AND GRDG. LOOP TO BE DETERMINED BY FIELD TO SUIT APPLICATION.

REFERENCE DRAWINGS:

1. 115/13.8KV STATION, BASIC LAYOUT, ELECTRICAL ARRANGEMENT ---F1731664–300–EA001
2. 115/13.8KV STATION, ELEVATIONS, ELECTRICAL ARRANGEMENT ---F1731664–300–EA009
3. 115/13.8KV STATION, MAIN GROUNDING GRID, PLAN & DETAILS, ELECTRICAL ARRANGEMENT ---F1731664–300–EA012

BILL OF MATERIAL

ITEM	SHORT DESCRIPTION	UNIT	QTY.
06183	CONN,TERM CLAMP,BLTD,CU,1/0AWG–1250KCMIL	EA	60
06896	CONN–GRD BLTD–CU–STIRRUP–4 HOLE PAD	EA	60
07026	CONN,GRD,C–COMP,CU,300–500KCMIL R/T	EA	AR
07028	CONN–GRD COMP–CU–350/500KCMIL–4/0AWG	EA	AR
19979	CONN,TERM,CBL–PAD,COMP,AL,795KCMIL ACSR	EA	24
20850	CONN,TERM,CL–PAD,BLTD,CU,4/0–1000MCM–4HO	EA	6
31234	19#8 CU–CLAD STEEL,DSA, 40% CONDUCTIVITY	FT	1250

N°	DATE	TRANSMISSION	BY ENG

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

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STAMP :

LICENSED PROFESSIONAL ENGINEER
Y.Lessard
100128893
PROVINCE OF ONTARIO
2018 / 08 / 24

CLIENT :

PROJECT :

MCMASTER UNIVERSITY–NF91

TITLE :
115kV AREA
DISCONNECT SWITCH
GROUNDING DETAILS
ELECTRICAL ARRANGEMENT

PREPARED BY :	DATE :
C. BAZINET	2018/08/24
DRAWN BY :	SCALE :
C. RAVAGNAN	NTS
VERIFIED BY :	DISCIPLINE :
M. LAROCQUE	ELECTRICAL ARRANGEMENT
APPROVED BY :	CAD FILE NAME
Y. LESSARD	F1731664-300-EA010.dwg

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