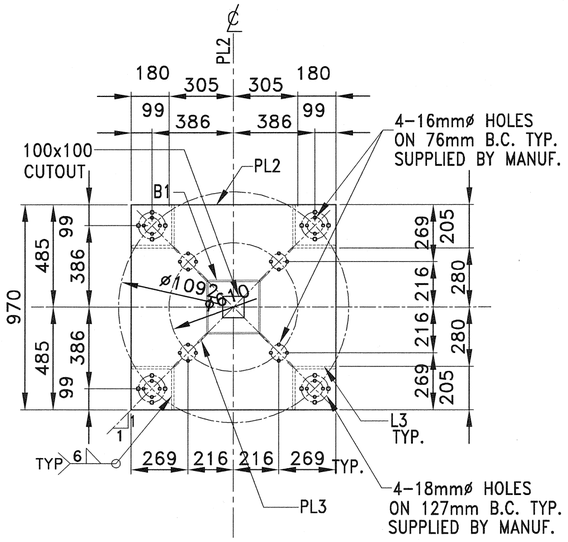


P1

SCALE: 1:20

BILL OF MATERIAL FOR ONE STEEL NEUTRAL REACTOR SUPPORT

MARK	QUANT.	DESCRIPTION	MATERIAL	LENGTH (mm)	WEIGHT (kg)	REMARK
B1	1	HSS254x254x6.4	G40.20-350W	2654	129.0	HOT DIP GALV.
PL1	1	PL470x25	G40.21-300W	470	43.3	HOT DIP GALV.
PL2	1	PL970x16	G40.21-300W	970	118.3	HOT DIP GALV.
PL3	4	PL152x8	G40.21-300W	220	8.4	HOT DIP GALV.
L1	4	L102x102x7.9	G40.21-300W	150	7.3	HOT DIP GALV.
L2	4	L89x64x6.4	G40.21-300W	100	2.9	HOT DIP GALV.
L3	4	L203x203x13	G40.21-300W	152	23.9	HOT DIP GALV.
TOTAL WEIGHT (INCLUDING 3.5 % FOR GALVANIZATION)					344.7	

2 STEEL REACTOR SUPPORTS REQUIRED (SRE-1&2)
BOM FOR REFERENCE ONLY

LEGEND:

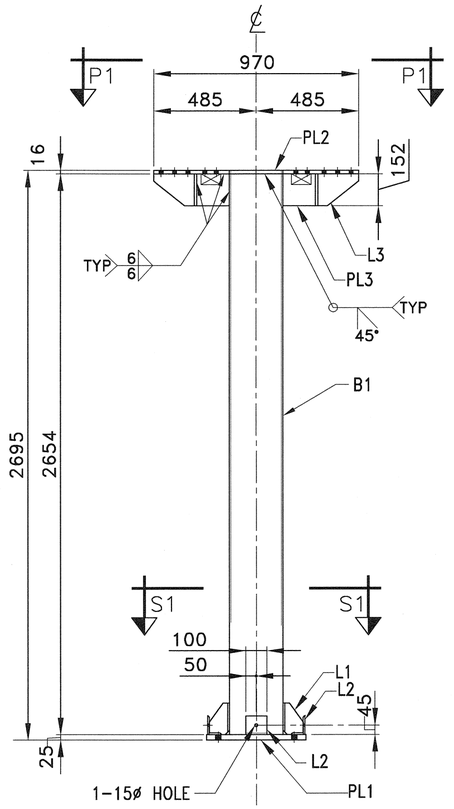
T.O.C.: TOP OF CONCRETE
T.O.S.: TOP OF STEEL
L.L.V.: LONG LEG VERTICAL
INSUL.: INSULATOR

GENERAL NOTES:

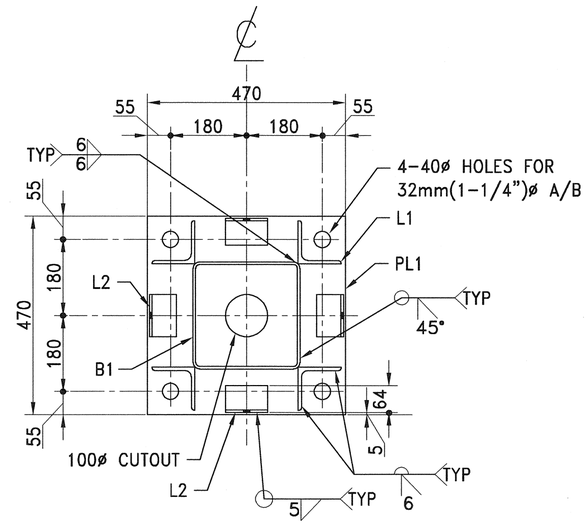
REFER TO DWG. F1731664-200-S005.

REFERENCE DRAWINGS:

1. 115/13.8kV STATION
   STEEL KEY PLAN & LIST
   STRUCTURE F1731664-200-S001
2. 115kV AREA
   CONTAINM. PIT FOR TRANSF."T1"
   CONC. & REINF. DETAILS
   FOUNDATION F1731664-100-F003
3. 115kV AREA
   CONTAINM. PIT FOR TRANSF. "T2"
   CONC. & REINF. DETAILS
   FOUNDATION F1731664-100-F004
4. 115/13.8kV STATION
   BASIC LAYOUT
   ELECTRICAL ARRANG. F1731664-300-EA001
5. 115/13.8kV STATION
   ELEVATION
   ELECTRICAL ARRANG. F1731664-300-EA009

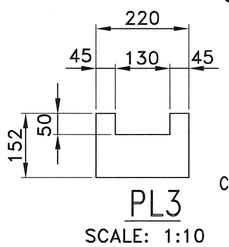


WELDED ASS'Y
SCALE: 1:20



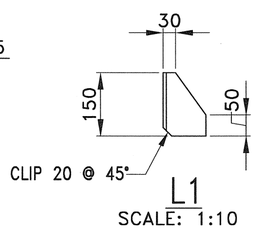
S1

SCALE: 1:10



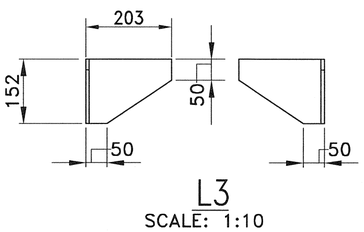
PL3

SCALE: 1:10



L1

SCALE: 1:10



L3

SCALE: 1:10

N°	DATE	TRANSMISSION	BY ENG
00	2018/09/27	RELEASED FOR CONSTRUCTION	SYW

THE S.M. GROUP INTERNATIONAL INC.
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STAMP :

LICENSED PROFESSIONAL ENGINEER
S.Y. WANG
100139367
2018/09/27
PROVINCE OF ONTARIO

PROJECT :

MCMASTER UNIVERSITY-NF91

TITLE :

115/13.8kV STATION
NEUTRAL REACTOR BUS SUPP. STR
STEEL DETAILS
STRUCTURE

PREPARED BY : S.Y.WANG	DATE : 2018-09-27
DRAWN BY : D.LECONTE-CHEVALIER	SCALE : AS SHOWN
VERIFIED BY : Z.WANG	DISCIPLINE : STRUCTURE
APPROVED BY : S.Y.WANG	CAD FILE NAME F1731664-200-S006.dwg

PROJECT No:	LOT:	DWG. #	REV:	PAGE :
F1731664	200	S006	00	

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