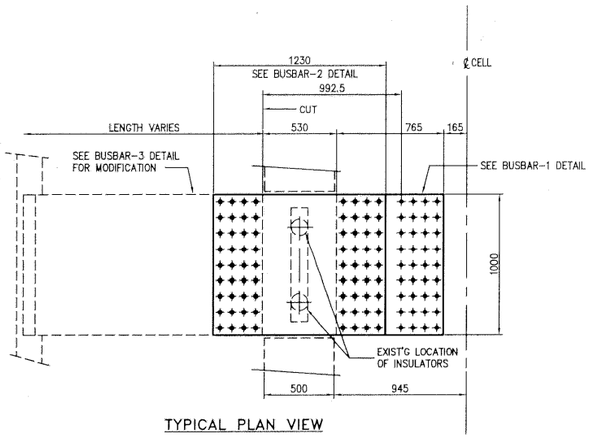
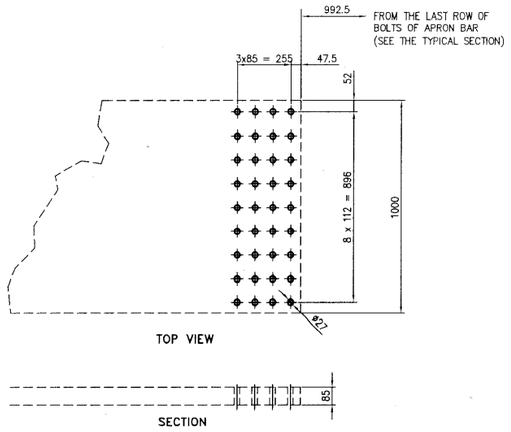
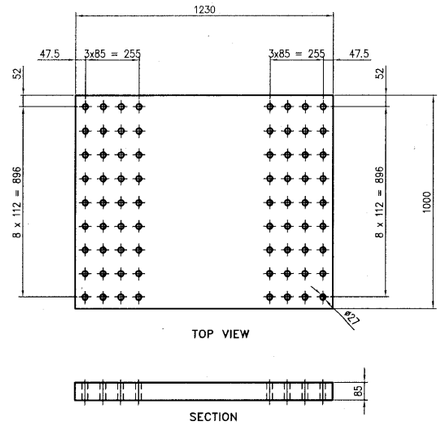


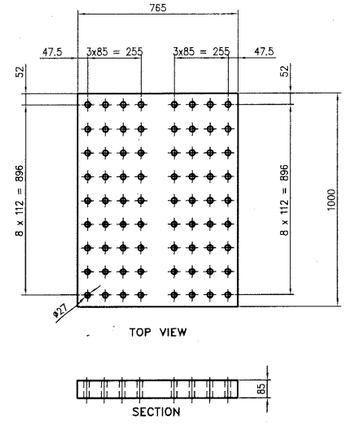
TYPICAL PLAN VIEW



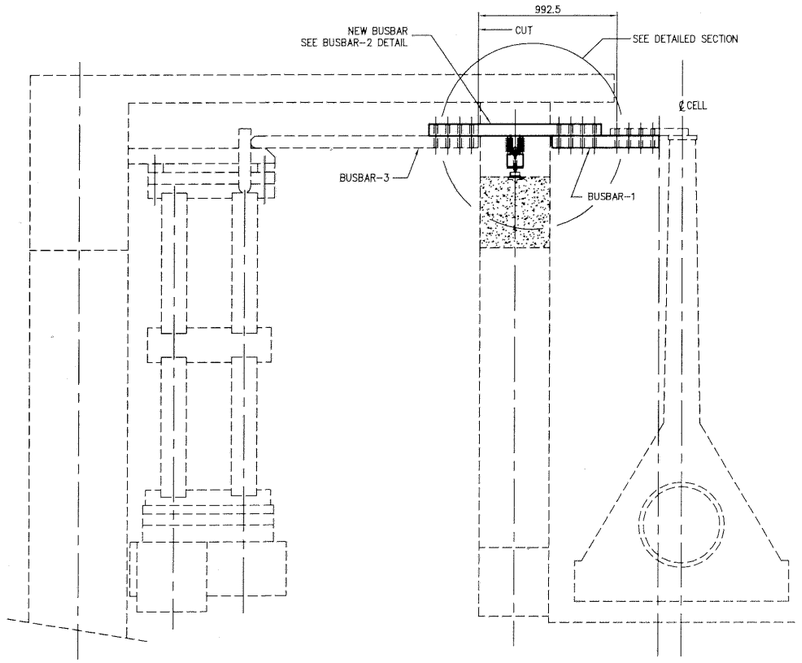
TYPICAL BUSBAR-3 DETAIL



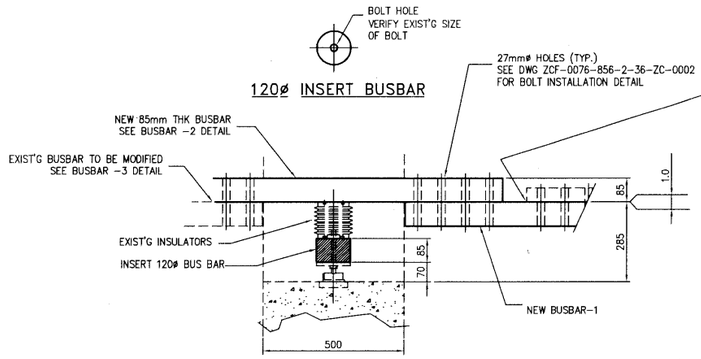
TYPICAL BUSBAR-2 DETAIL



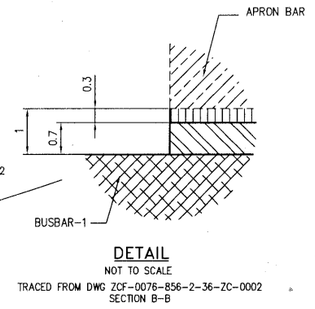
TYPICAL BUSBAR-1 DETAIL



TYPICAL SECTION
TRACED FROM DWG 856-2-36-ZC-0004
VIEW F-F



DETAILED SECTION



DETAIL
NOT TO SCALE
TRACED FROM DWG ZCF-0076-856-2-36-ZC-0002
SECTION B-B

NOTES:
1.) JOINTING SURFACES TO BE CLEAN (SCOTCH PAD) AND FREE OF ANY MAJOR SURFACE IMPERFECTIONS.

2.) ALL BOLTS & NUTS = S/S

3.) TORQUE WRENCH =

4.) FOR DRILLING TEMPLATE REFER TO DWG ZCS-6081

5.) ELECTROLYTIC GRADE ALUMINUM (99.5%).

6.) BUSBAR RATING
250 VDC
APPROXIMATE CURRENT 25000 A (200,000/8)

REFERENCE DRAWINGS:

ZCF-0076-856-2-36-ZC-0002	CONNECTION DETAIL
ZCF-0076-856-2-36-ZC-0003	SUPPORT DETAIL
ZCF-0076-856-2-36-ZC-0004	BUSBAR PLAN & SECTIONS
ZCF-0076-856-2-36-ZC-0005	DETAILED SECTIONS
ZCF-0076-856-2-36-ZC-0006	APRON BUSBARS DETAILS
ZCF-0076-856-2-36-ZC-0007	CONNECTIONS, PLAN & ELEV
ZCF-0076-856-2-36-ZC-0010	SUBSTATION GENERAL ARRANGEMENT

NOTE
BUS BAR MODIFICATION COMPLIES WITH ELECTRICAL REQUIREMENTS.
MECHANICAL WORK BY OTHERS.

PROVINCE OF MANITOBA
D. J.
EPA
Member
31444
REGISTERED PROFESSIONAL ENGINEER
Mar. 29, 2007

R.T.A. #

REVISIONS	No.	DRAWN BY	DATE	DESIGN BY	DESCRIPTION

REVISIONS	No.	DRAWN BY	DATE	DESIGN BY	DESCRIPTION

REFERENCES	DWG. No.	DESCRIPTION

REFERENCES	DWG. No.	DESCRIPTION

		DATE
DRAWN BY:	T PORRAS	21mar07
DESIGNED BY:	J. RYAN	21mar07
CHECKED BY:	J. RYAN	22mar07
APPROVED BY:	D. EPA	23mar07

HUDSON BAY MINING & SMELTING CO. LTD.

CELLHOUSE SUBSTATION
BUSBARS MODIFICATION
PLAN, SECTIONS & DETAIL

SCALE: N T S
DWG. No. ZCD-9054
REV. 0
CAD FILE: