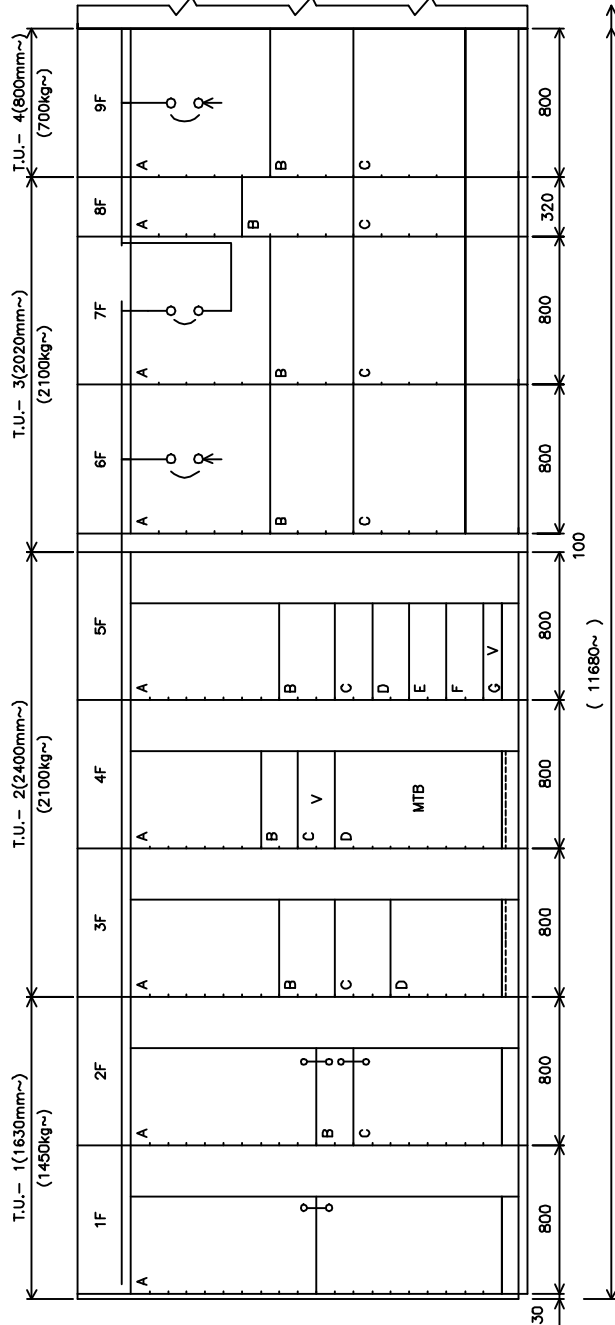
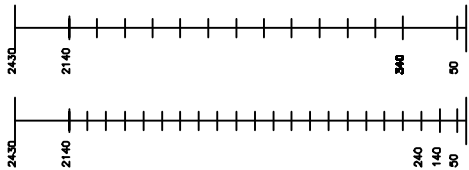




SY YE042



FRONT VIEW

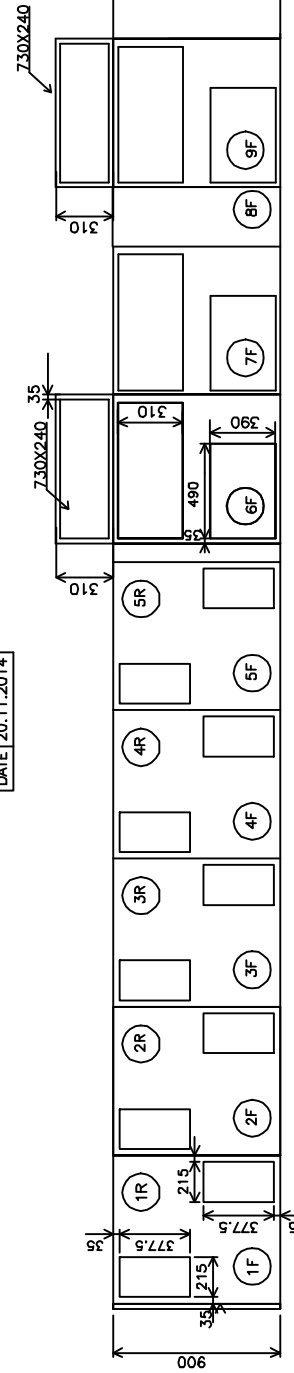
BOARD MFGD.	AS PER REV-4
SIGN/AKK	
DATE	20.11.2014

FORM IV TYPE-6

DOP - IP42/54

PAINT	EXT.: LIGHT GREY-631 INT.: PEBBLE/FLINT GREY(RAL7032)
TYPE	PANEL NO.
TOP	---
BOTTOM	ALL
CABLE ENTRY	
MAIN EARTHBAR	: 6 X 50 CU
PACKING	: REQUIRED
RECOMMENDED REAR ACCESS	: 1500
RECOMMENDED TOP ACCESS	: 1500
RECOMMENDED FRONT ACCESS	: 1500
DEPTH	PANEL NO.
944	1F-5F, 7F-8F, 10F-15F
HEIGHT	1254 6F, 9F
TOTAL LENGTH	: 2430
SWBD. DESIGN:	TF+TQ(DF)-DO,TQ(DF)-FIX

FOUNDATION PLAN



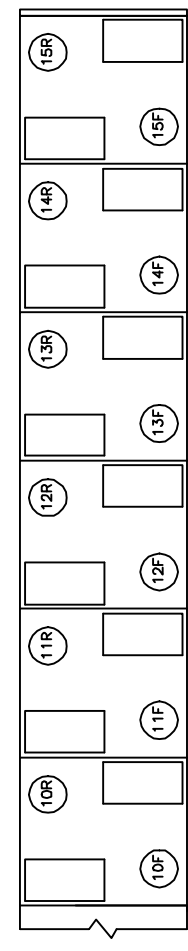
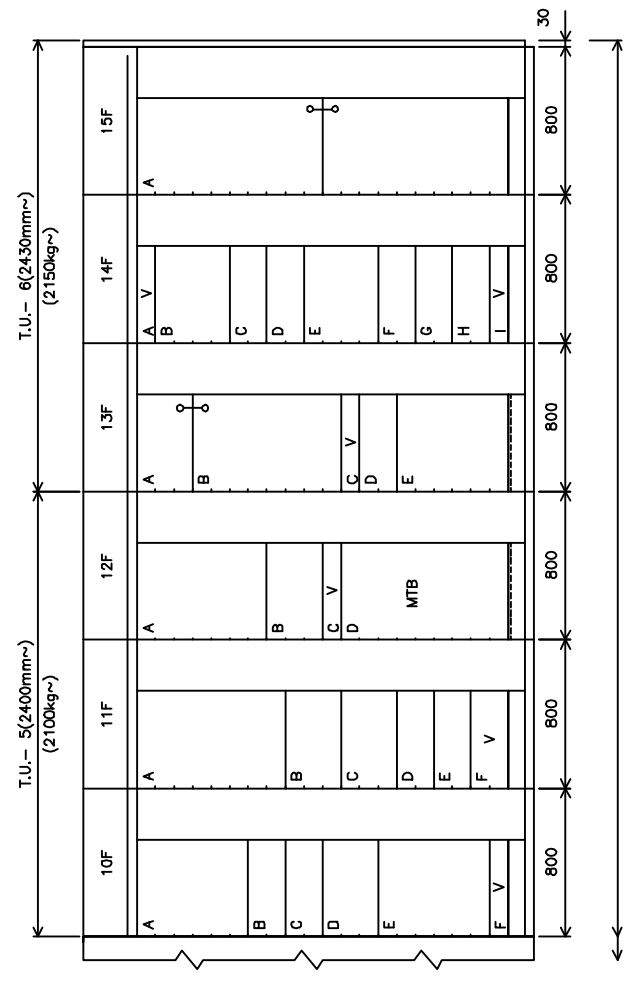
TAG NO:- EC-HSEC-BHL-B002-A	
CUSTOMER : BHEL-HYD A/C RUPPL	
PROJECT : STG PACKAGE FOR HAZIRA & DAHEJ	
CONSULTANT : BECHTEL	
LARSEN & TOUBRO LIMITED, ENGINEERS, MUMBAI.	
STG-1 MCC	
(FOR HMD)	
(GENERAL ARRANGEMENT DRAWING)	
DRN.BY : AKK	25688
CHD.BY : AKK	
APPD.BY : HAD	NOT TO SCALE
DATE : 07/05/14	
REVISED AS PER CUSTOMER COMMENTS	26/06/14
REVISED AS PER CUSTOMER COMMENTS	14/07/14
AKK	14/07/14
REVISED AS PER CUSTOMER COMMENTS	
CHD.BY : AKK	3
REV.	2
DATE	24/07/14
DRN.BY : AKK	25688
CHD.BY : AKK	
APPD.BY : HAD	NOT TO SCALE
DATE : 07/05/14	
SY YE042	4
SHEET 1 OF 8	REV.

ALL DIMENSIONS ARE IN mm  
GEN. NOTES & MBOM : SCH0900  
STD. GENERAL NOTES :  
DUCT ENTRY DRAWING :

REFERENCE DRAWINGS

AKK	REVISED AS PER CUSTOMER COMMENTS	26/06/14
AKK	REVISED AS PER CUSTOMER COMMENTS	14/07/14
AKK	REVISED AS PER CUSTOMER COMMENTS	
AKK	REVISED AS PER CUSTOMER COMMENTS	

SY YE042



FOUNDATION PLAN

CUSTOMER : BHEL-HYD A/C RUPPL  
 PROJECT : STG PACKAGE FOR HAZIRA & DAHEJ  
 CONSULTANT : BECHTEL

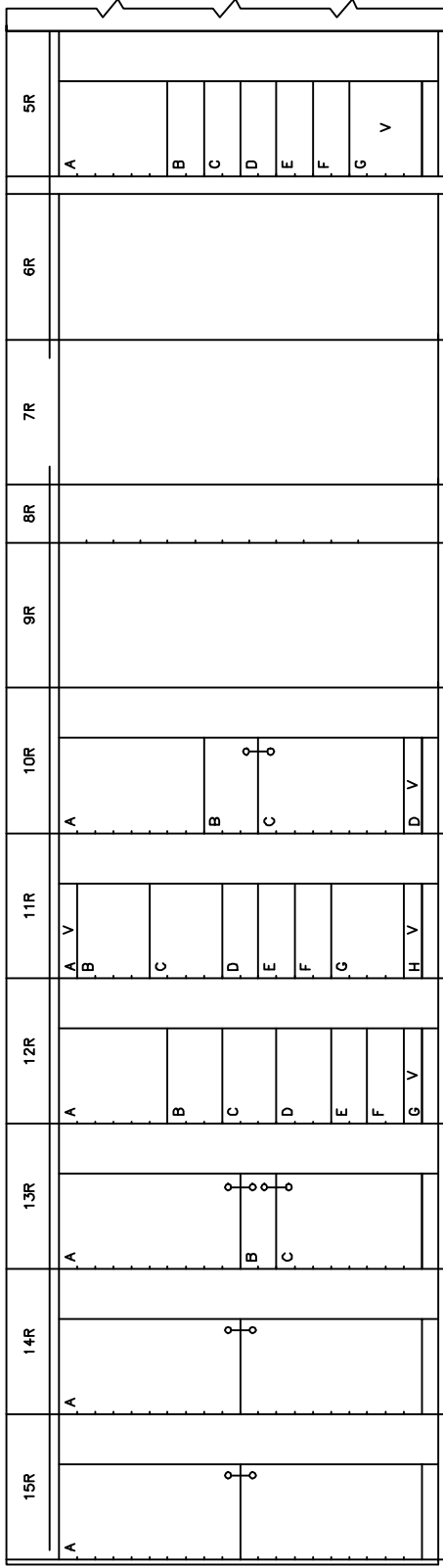
LARSEN & TOUBRO LIMITED, ENGINEERS, MUMBAI.

TAG NO:-- EC-HSEC-BHL-B002--A

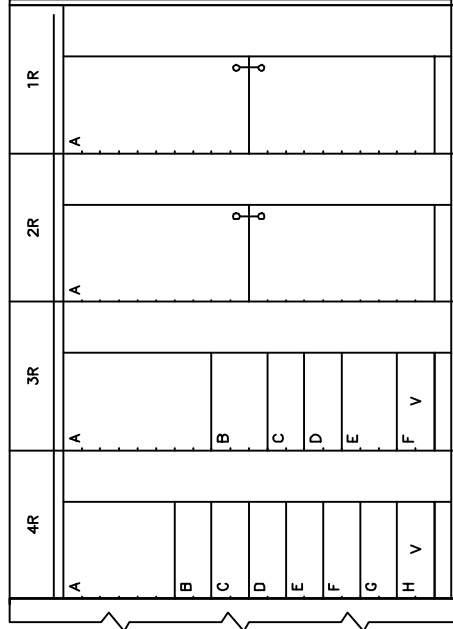
DRN.BY :AKK	25668
CHD.BY :	
APPD.BY:	NOT TO SCALE
DATE: 07/05/14	

STG-1 MCC (FOR HMD)	SY YE042	4
(GENERAL ARRANGEMENT DRAWING)	SHEET 2 OF 8	REV.

SY YE042



REAR VIEW



CUSTOMER : BHEL-HYD A/C RUPPL  
 PROJECT : STG PACKAGE FOR HAZIRA & DAHEJ  
 CONSULTANT : BECHTEL

**LARSEN & TOUBRO LIMITED**, ENGINEERS, MUMBAI.

DRN.BY :AKK	25668	STG-1 MCC	SY YE042	4
CHD.BY :		(FOR HMD)		
APPD.BY:	NOT TO SCALE	(GENERAL ARRANGEMENT DRAWING)		
DATE: 07/05/14				REV.
				SHEET 3 OF 8

SY HB535

2430	2430
2140	2140
2040	1990
1940	1840
1840	1740
1740	1680
1640	1540
1540	1440
1440	1390
1340	1240
1240	1090
1140	1040
1040	940
840	790
740	640
640	540
540	480
440	340
340	240
240	140
140	50

○ = MECHANICALLY COUPLED DOOR  
 V = VACANT

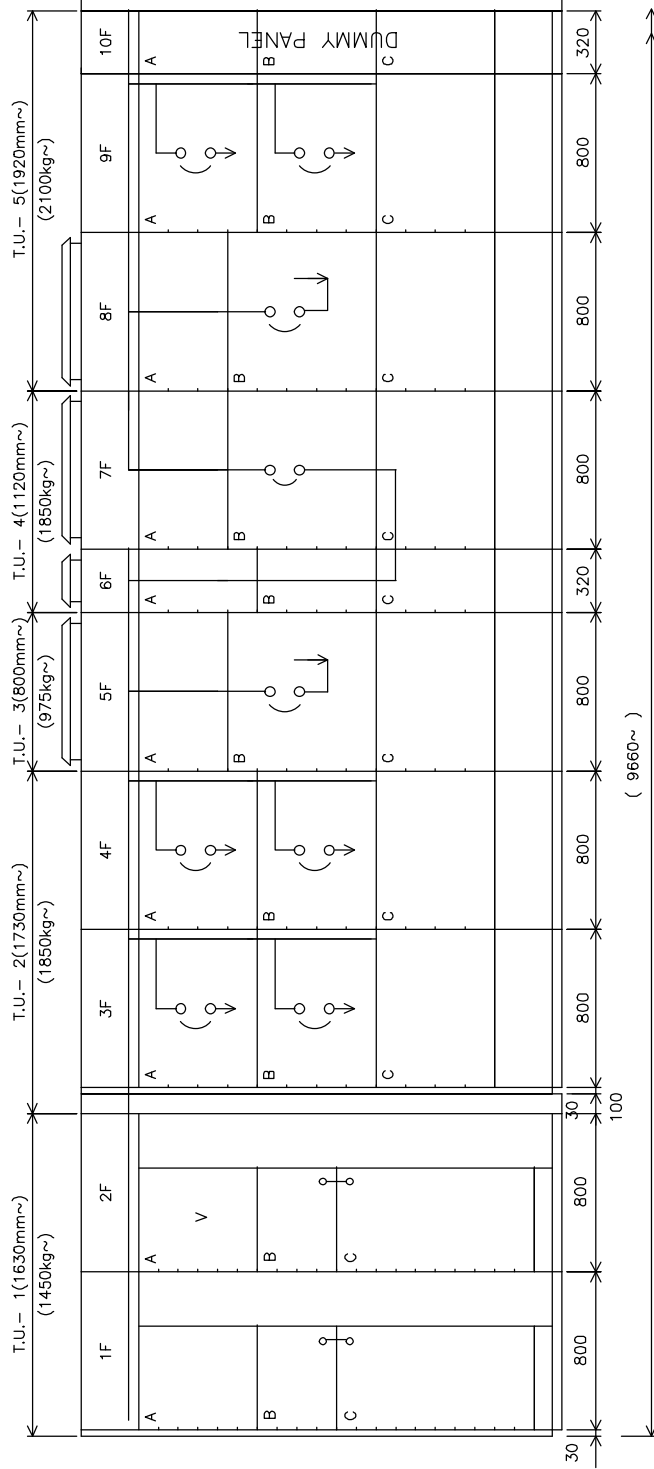
DOP :IP54/IP42  
 FORM IV TYPE-6

EXT.:LIGHT GREY-631	
INT.:PEBBLE/FLINT GREY(RAL7032)	
PANEL TYPE	PANEL NO.
TOP ENTRY	----
BOTTOM ENTRY	ALL
PACKING : REQUIRED	
RECOMMENDED REAR ACCESS : 1500	
RECOMMENDED TOP ACCESS : 1500	
RECOMMENDED FRONT ACCESS : 1500	
DEPTH	PANEL NO.
944	1F-2F,13F
1444	3F,4F,6F,7F,9F-12F
1754	5F,8F
HEIGHT : 2530~ WITH HOOD	
TOTAL LENGTH : ( 9660~ )	
SWBD/DESIGN: TF, TO(DF)-DO	

DRN.BY	AK	REVISED AS PER CUSTOMER COMMENTS	16/06/14
CHD.BY	AK	PER CUSTOMER COMMENTS	16/06/14
REV.	3	CUSTOMER COMMENTS	07/07/14
DATE	14/07/14		

ALL DIMENSIONS ARE IN mm  
 GEN. NOTES & MBOM : SCH0900A  
 STD. GENERAL NOTES :  
 DUCT ENTRY DRAWING :

REFERENCE DRAWINGS			
DRN.BY	AK	REVISED AS PER CUSTOMER COMMENTS	16/06/14
CHD.BY	AK	PER CUSTOMER COMMENTS	16/06/14
REV.	3	CUSTOMER COMMENTS	07/07/14
DATE	14/07/14		

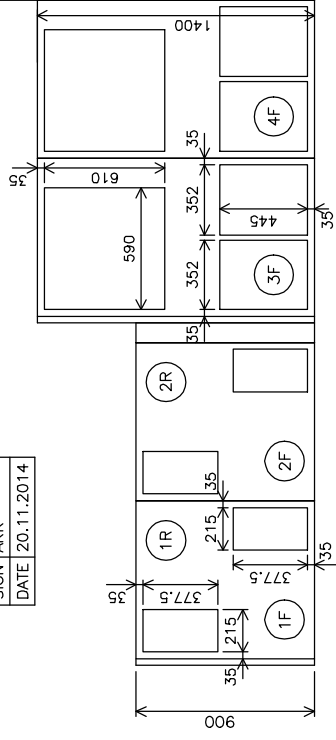


FRONT VIEW

BOARD MFGD.	AS PER REV-5
SIGN/CHK	
DATE	20.11.2014

TOP DUCT ENTRY SZP0114

TOP DUCT ENTRY SZP0114



FOUNDATION PLAN

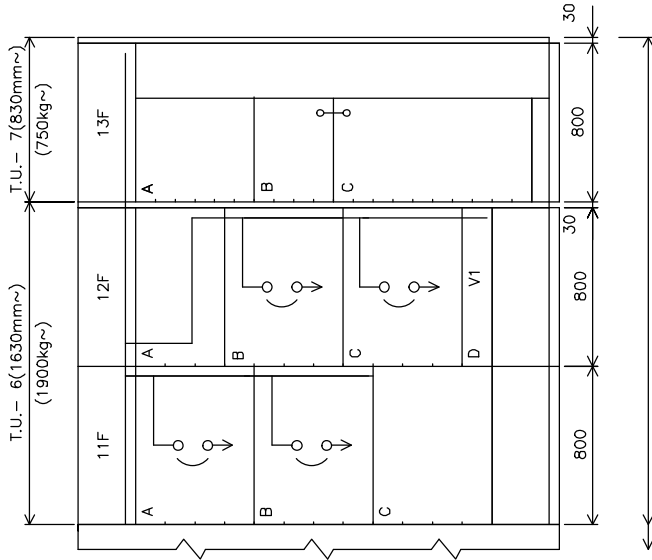
TAG NO:- EC-HSEC-BHL-B001-A

CUSTOMER : BHEL-HYD A/C RUPPL  
 PROJECT : STG PACKAGE FOR HAZIRA & DAHEJ  
 CONSULTANT : BECHTEL

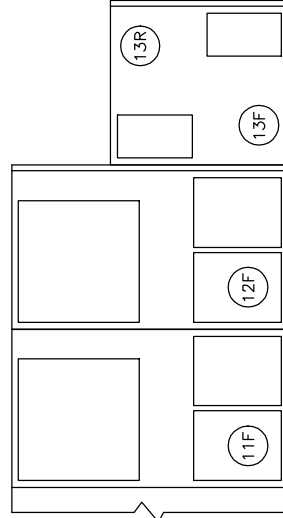
LARSEN & TOUBRO LIMITED, ENGINEERS, MUMBAI.

415V STG-1/2 PCC		SY HB5355
(FOR HMD)		
(GENERAL ARRANGEMENT DRAWING)		
DATE: 05/05/14		SHEET 1 OF 6

SY HB535



FRONT VIEW



FOUNDATION PLAN

TAG NO:- EC-HSEC-BHL-B001-A

CUSTOMER : BHEL-HYD A/C RUPPL  
 PROJECT : STG PACKAGE FOR HAZIRA & DAHEJ  
 CONSULTANT : BECHTEL

**LARSEN & TOUBRO LIMITED, ENGINEERS, MUMBAI.**

415V STG-1/2 PCC  
 (FOR HMD)  
 (GENERAL ARRANGEMENT DRAWING)

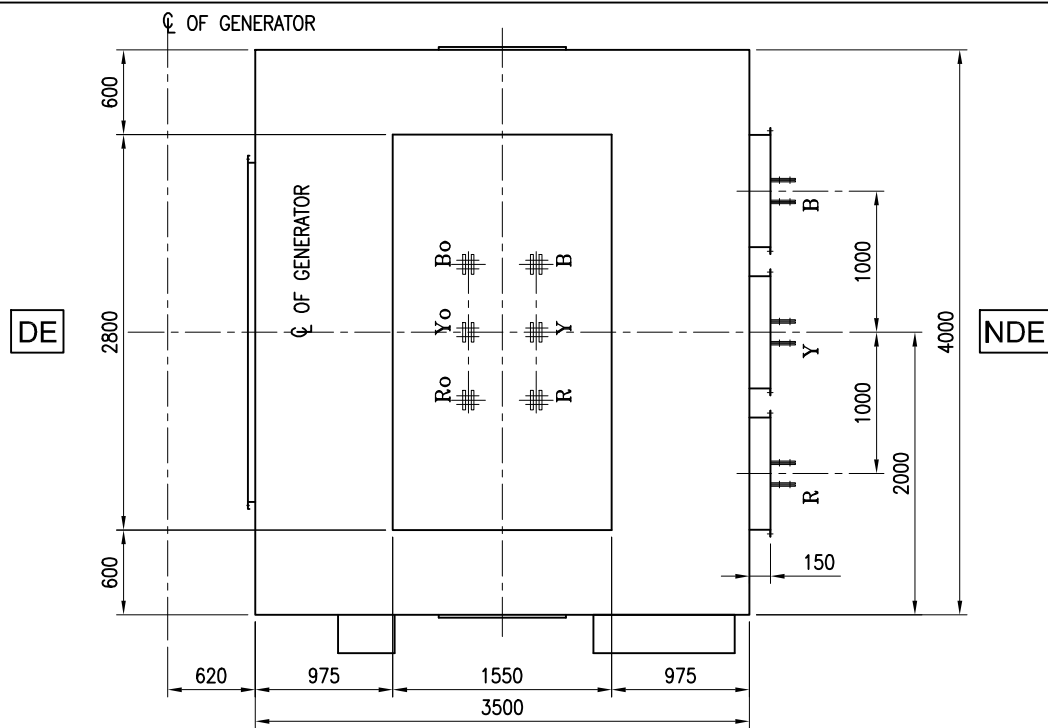
SY HB5355  
 SHEET 2 OF 6  
 REV.

AKK	REVISED AS PER CUSTOMER COMMENTS	AKK	REVISED AS PER CUSTOMER COMMENTS	DRN.BY :AKK	25688
AKK	REVISED AS PER CUSTOMER COMMENTS	AKK	REVISED AS PER CUSTOMER COMMENTS	CHD.BY :AKK	
5	20/10/14	4	09/09/14	APPD.BY:HAD	NOT TO SCALE
				DATE: 05/05/14	

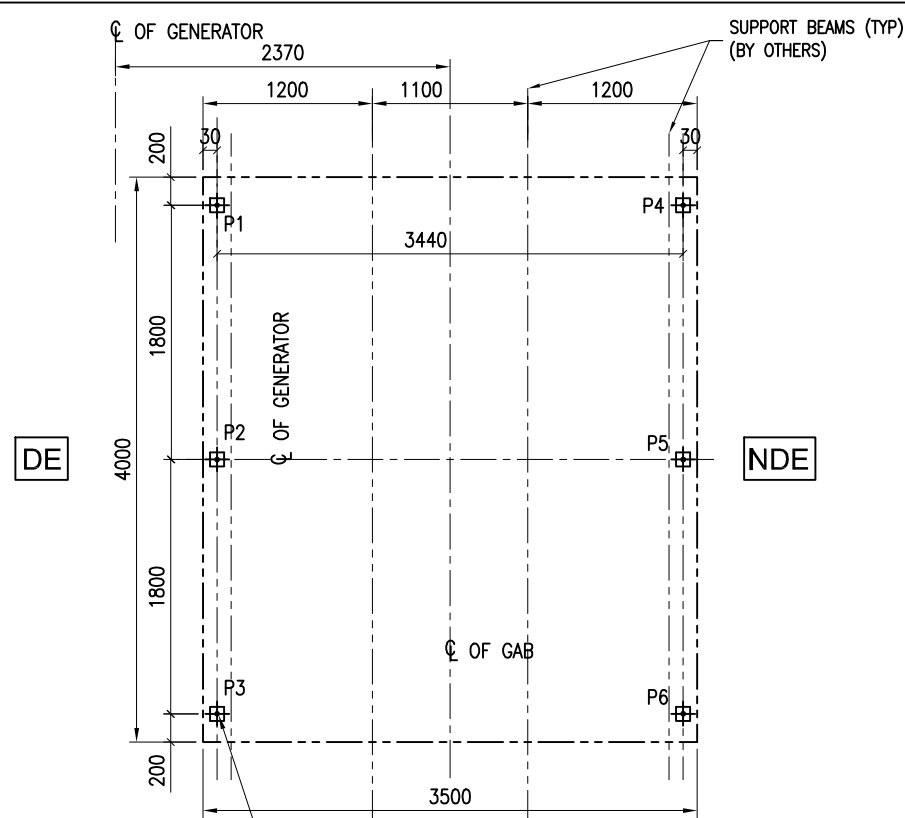




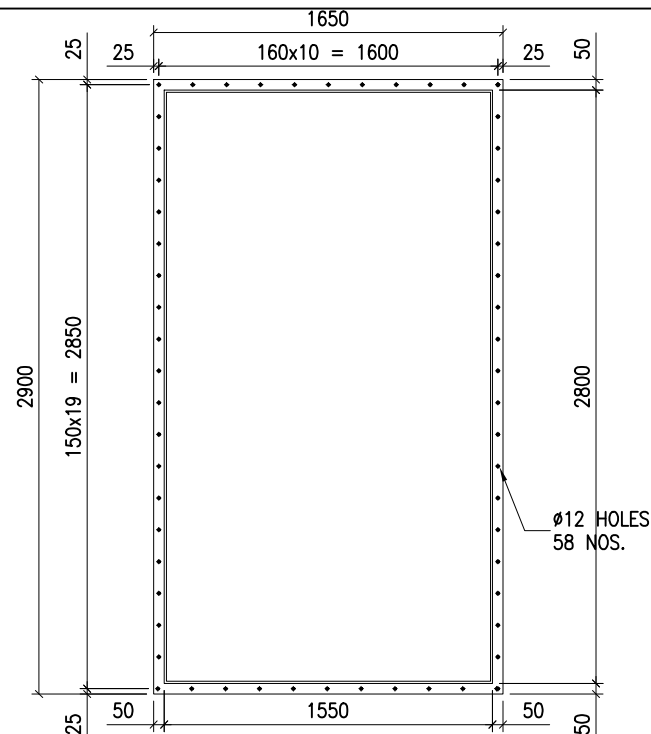
The contents of this Drawing are the sole property of C&S ELECTRIC LTD. and they should neither be copied nor given to a third person without the prior permission of Company.



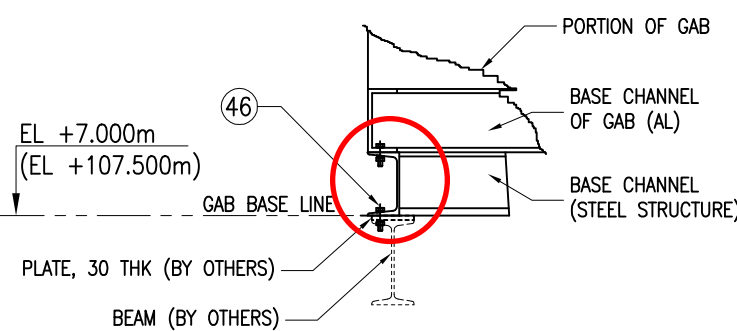
**PLAN**  
(CIVIL DETAILS NOT SHOWN FOR CLARITY)



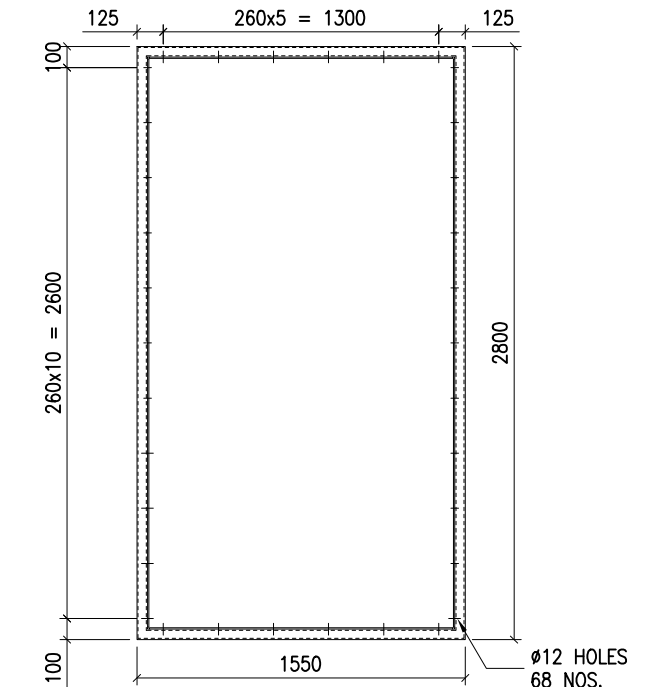
**FOUNDATION PLAN**



**DETAIL: G**  
(ONLY FLANGE DETAILS SHOWN FOR CLARITY)



**FOUNDATION FIXING DETAIL OF GAB**



**PLAN**

**ELEVATION**

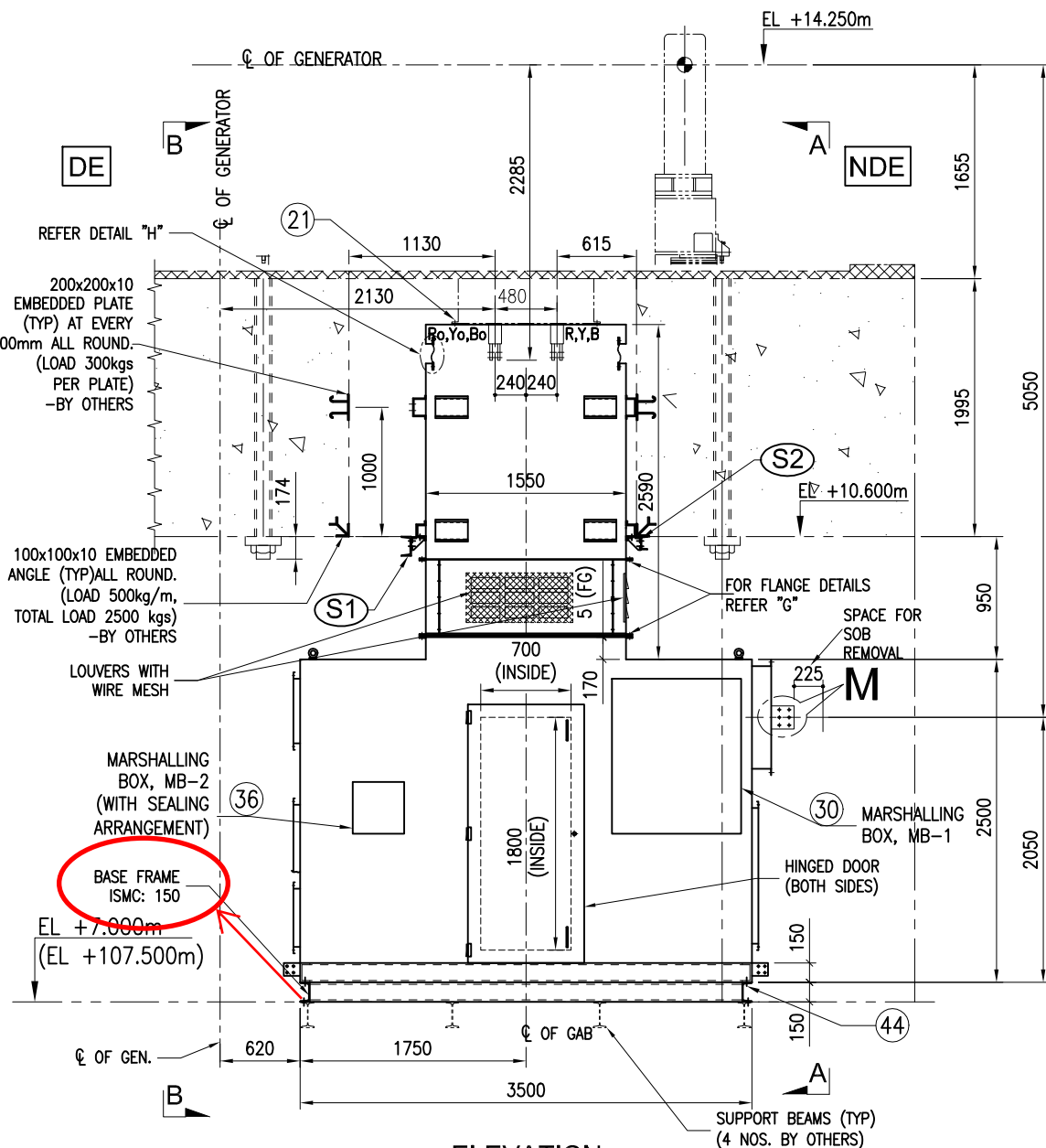
**DETAIL: H**

**LOAD DATA:**

DEAD LOAD : 12,000 kgf  
LIVE LOAD : 215 kgf/m  
SEISMIC : ZONE III

**LOAD TABLE**

SUPPORT LOCATION	L/C	Horizontal		Moment		
		Fx kg (-/+)	Fy kg (-/+)	Fz kg (-/+)	Mx kgm (-/+)	Mz kgm (-/+)
P1	301 DL+LL	27	1871	0	0	2.76
P2	301 DL+LL	0	3306	0	0	0
P3	301 DL+LL	-53	3220	0	0	76.06
P4	301 DL+LL	-53	3220	0	0	76.06
P5	301 DL+LL	0	3306	0	0	0
P6	301 DL+LL	-53	3220	0	0	76.06



**ELEVATION**

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED

RUPPL Doc. Num: 10090-6239976-HSAC-E-BHG-H02-004-05  
BHEL Doc. Num: HY-DG-3-54111-83449/REV 05

**C&S Electric Ltd.**  
B-1, SITE-IV, SURAJPUR INDL. AREA, KASNA ROAD, GREATER NOIDA  
GAUTAM BUDDH NAGAR (U.P.)  
BUSDUCT DIVISION

CUSTOMER	BHEL HYDERABAD
P.O. NO.	LOI Dated 15.02.14
PROJECT	4X93.1MW STG, CCPP, Hazra Manufacturing Division (HMD).
CONSULTANT	-
DRG. TITLE	GA. & FOUNDATION PLAN OF GENERATOR ADAPTOR BOX FOR 4X93.1MW STG. (GAB)
DATE:	13.03.14
DRG. NO.:	C-1694-0314-18742
SCALE:	N.T.S
REV. 05	SHEET: 6 CONT. 7

REV.	DESCRIPTION	APPD.	DATE
05	Drg revised as per customers comments.	PSK	04.08.14
04	Shorting busbar, Ad box removed, Ph end	PSK	05.07.14
03	Drg revised.	PSK	16.06.14
02	Drg revised as per customers comments.	PSK	29.05.14
01	Drg revised as per customers comments.	PSK	05.05.14