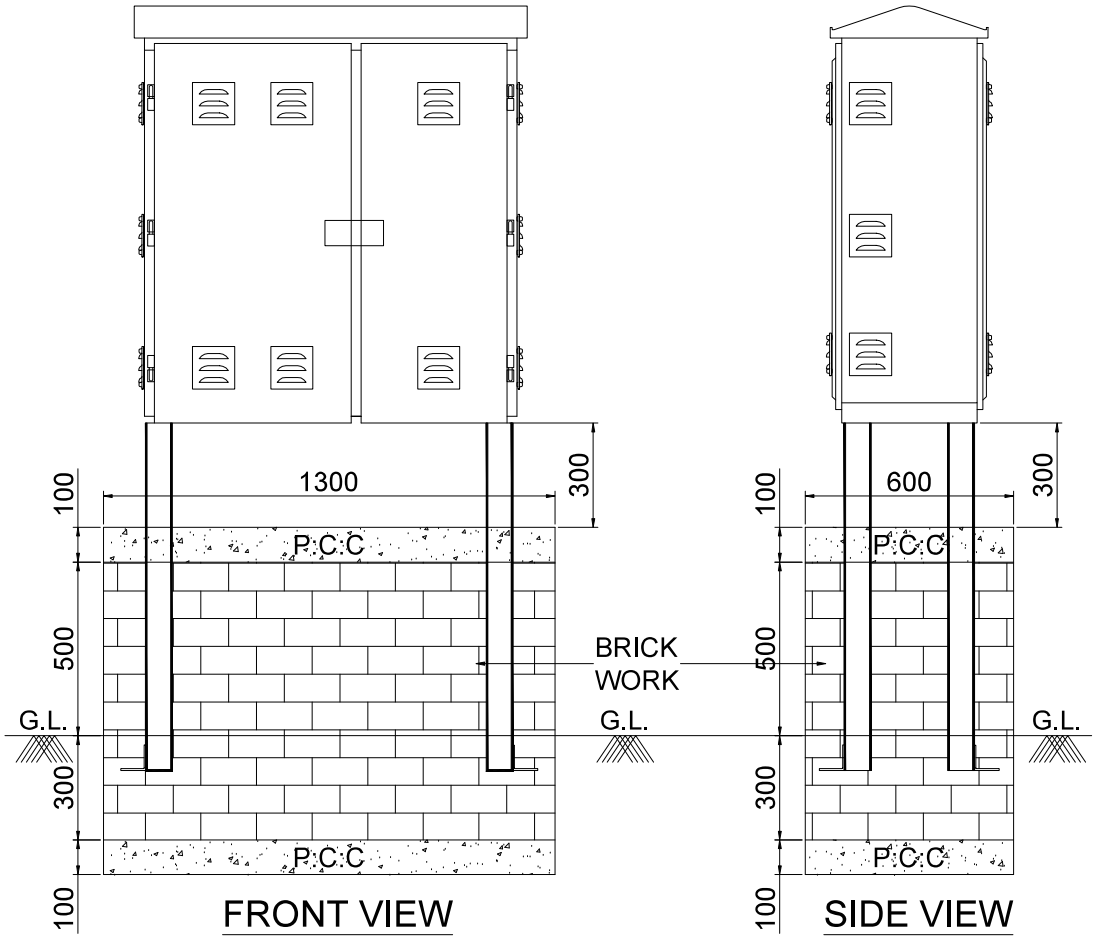
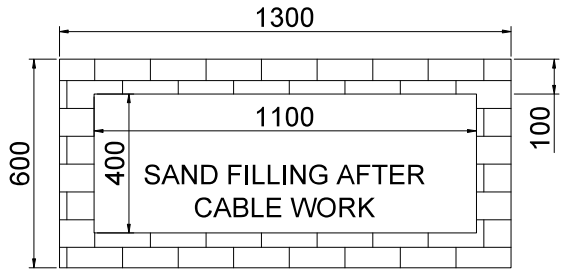




TOP VIEW

NOTE: BASE FRAME OF FSP SHALL BE 300MM HEIGHT AND THE SAME SHALL BE FITTED ON PLINTH, MINOR HEIGHT OF PLINTH MAY BE INCREASED IN WATER LOGGING AREA AS PER INSTRUCTION OF ENGINEER-IN-CHARGE.

DGVCL

DAKSHIN GUJARAT VIJ COMPANY LIMITED

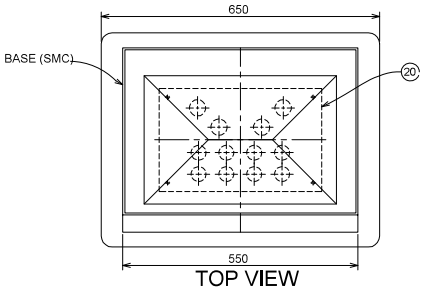
CIN U40102GJ2003SGC042909

FSP PLINTH

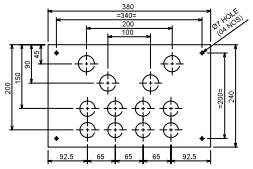
SCALE : N.T.S.

SHEET :

LightPDF



TOP VIEW



MS GLAND PLATE 1.2mm THK.
WITH RUBBER GROMMET

DETAILS OF
I/C-O/G CABLE ENTRY-EXIT
HOLE ARRANGEMENT
A=Ø35, 4 NOS.
B= Ø35, 4 NOS.
C=Ø38, 4 NOS.
Ø7mm HOLE FOR GLAND
PLATE FIXING

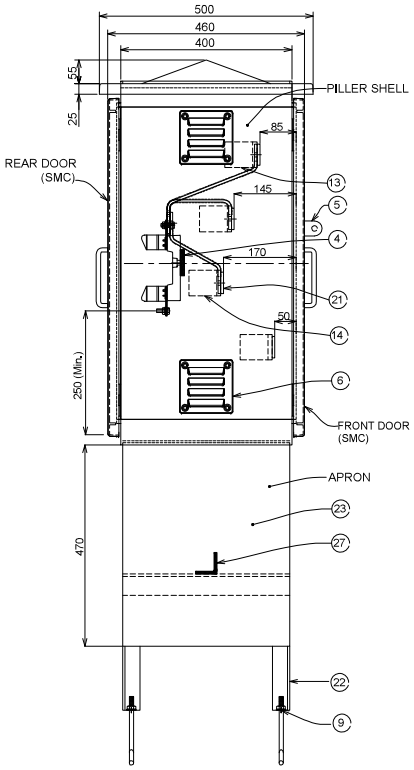
NOTES :-

(1) ALL BOLTS, NUTS TO BE PROVIDED WITH PLAIN WASHER OF SUITABLE SIZE.

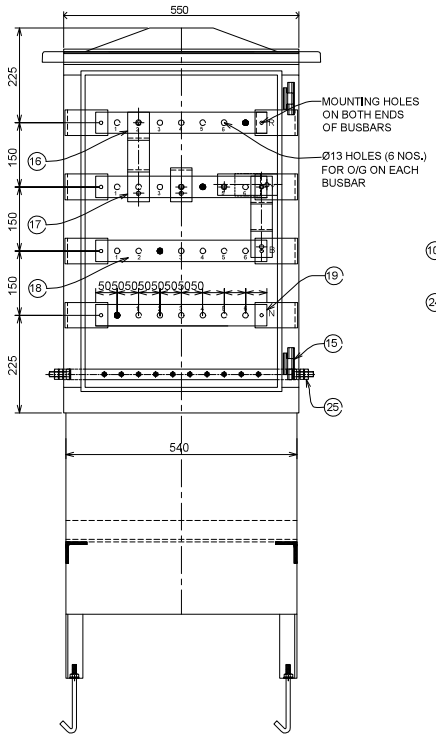
(2) PILLAR SHELL SHALL BE MOULDED OF SMC & APRON FRAME WORK SHALL BE FABRICATED USING FRP PULTRUDED SECTIONS & SMC SHEET.

(3) COLOUR OF PILLER BOX SHALL BE GREY & THAT OF APRON SHALL BE BLACK/YELLOW.

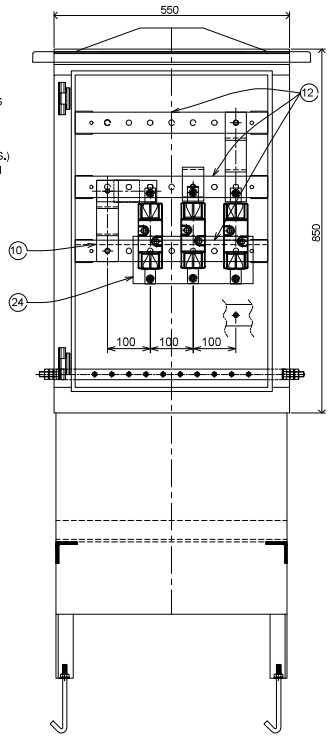
(4) SIZE OF BOX : 850x550x400 mm (MINIMUM INSIDE)
WALL THICKNESS : 3.15 mm



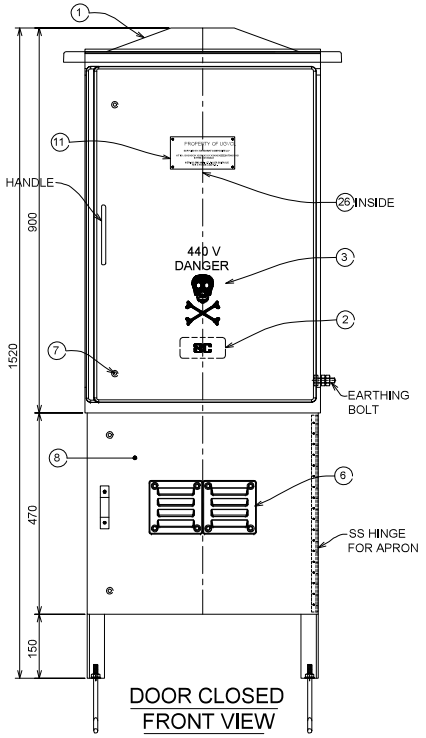
SIDE VIEW



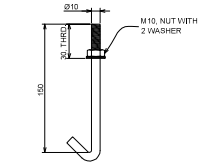
DOOR OPEN FRONT VIEW



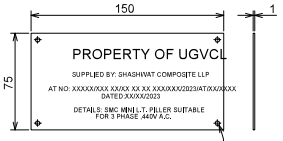
DOOR OPEN BACK VIEW



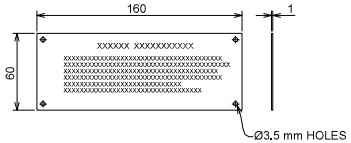
DOOR CLOSED
FRONT VIEW



M10X150 mm J-TYPE BOLT
FOR FOUNDATION



ALUMINUM NAME PLATE
(150x75x1 mm THK.)



GUJARAT NAME PLATE
(160x60x0.5 mm THK.)

TOLERANCE TABLE	
RANGE	UNSPECIFIED TOLERANCE
> 0 < 50	± 1.0
> 50 < 200	± 3.0
> 200 < 300	± 5.0
> 300 < 400	± 10.0
ABOVE 400	± 20.0
THICKNESS OF BOX/LID	± 0.25

DGVCL

DAKSHIN GUJARAT VIJ COMPANY LIMITED
CIN U40102GJ2003SGC042909

SMC LT MINI SECTION PILLAR BOX SUITABLE
FOR 3 PH 50 C/S 440 V AC

SCALE : N.T.S.

SHEET :

LEGEND	
SR. NO.	DESCRIPTION
1	SLANTING ROOF TOP TO BE BOLTED IN SUCH WAY THAT DOORS CANNOT BE REMOVE
2	MANUFACTURER'S NAME ON THE DOOR (EMBOSSED/PRINTED)
3	DANGER SYMBOL
4	SMC FLAT 500X60X10mm FOR FUSE MOUNTING
5	PADLOCKING WITH Ø16mm HOLE.
6	SMC VENTILATION LOUVERS WITH STAINLESS STEEL WIRE MESH INSIDE (2 NOS ON EACH DOOR AND 2 NOS ON APRON FRONT = TOTAL 06 NOS)
7	PANEL TYPE LOCKING DEVICE ON FRONT AND BACK DOOR - 2 NOS. EACH WITH KEY
8	FOUR SIDE BOTTOM COVERS OF 3mm SMC SHEET. THE FRONT COVER FIXED BY HEAVY DUTY SS HINGES EACH COVERS HAVING SMC LOUVERS WITH STAINLESS STEEL MESH INSIDE BOLTED ARRANGEMENT PROVIDING FOR FIXING BOTH SIDE COVERS
9	FOUR NOS. HOLES Ø11mm SUITABLE FOR Ø10mm J-TYPE FOUNDATION BOLTS
10	400A FUSE BASE WITH 200A FUSE LINK FOR 100 KVA & 315A FOR 200 KVA
11	INDELLIBLE PRINTING ALLU. NAME PLATE 150X75X1 mm ON BOTH DOOR.
12	TINNED COPPER BUS BAR FOR INCOMING SUPPLY SIZE 50x6mm OF SUITABLE LENGTH FOR R,Y, B PHASE
13	FRP PULTRUDED ANGLE FOR BUSBAR FIXING 75X60X10 mm
14	SMC/DMC BASE FOR MOUNTING BUS BARS BRACKET
15	SS HINGES FOR EACH DOOR NON DETACHABLE TYPE (2 NOS EACH DOOR)
16	EC GRADE ALUMINUM BUS BAR FOR OUTGOING SUPPLY SIZE 50x10mm AND 425mm LONG FOR 'R' PHASE
17	EC GRADE ALUMINUM BUS BAR FOR OUTGOING SUPPLY SIZE 50x10mm AND 425mm LONG FOR 'Y' PHASE
18	EC GRADE ALUMINUM BUS BAR FOR OUTGOING SUPPLY SIZE 50x10mm AND 425mm LONG FOR 'B' PHASE
19	EC GRADE ALUMINUM BUS BAR FOR OUTGOING SUPPLY SIZE 50x10mm AND 425mm LONG FOR NEUTRAL
20	GLAND PLATE OF 1.2 mm THK. M.S. SHEET WITH HOLE AND GROMMET
21	M.S./SMC ('C' BRACKET) FOR MOUNTING BUS BARS SMC STRIP OF 3mm THICK
22	50x50x6mm THICK (MINIMUM) SMC ANGLE FRAME FOR PADESTAL ONLY WITH J-TYPE MS/GI FOUNDATION BOLT
23	BOLTED COVER OF 3mm SMC SHEET FIXED TO BOTH SIDE
24	SMC SHEET FOR PARTITION 280X110X3mm
25	GI EARTHING BOLT M12X20mm WITH 2 NUT, 2 WASHER & 1 SPRING WASHER FITTED WITH ALLU. EARTHING STRIP 25X3mm THK. WHICH HAVING M6X25mm BOLT - 10 NOS
26	ALLU. NAME PLATE IN GUJARATI - INSIDE THE DOOR 160X60X0.5 mm
27	FRP ANGLE 50X6mm 500mmWITH HOLES FOR CABLE HOLDING CLAMP FITTING.

TOLERANCE TABLE	
RANGE	UNSPECIFIED TOLERANCE
> 0 < 50	± 1.0
> 50 < 200	± 3.0
> 200 < 300	± 5.0
> 300 < 400	± 10.0
ABOVE 400	± 20.0
THICKNESS OF BOX/LID	± 0.25

DGVCL

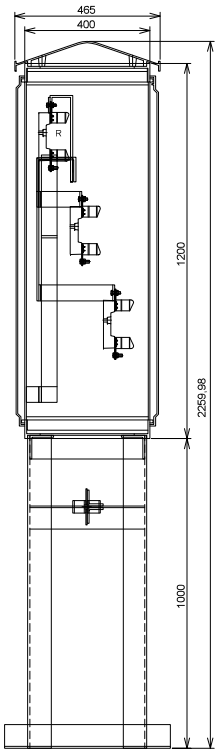
DAKSHIN GUJARAT VIJ COMPANY LIMITED

CIN U40102GJ2003SGC042909

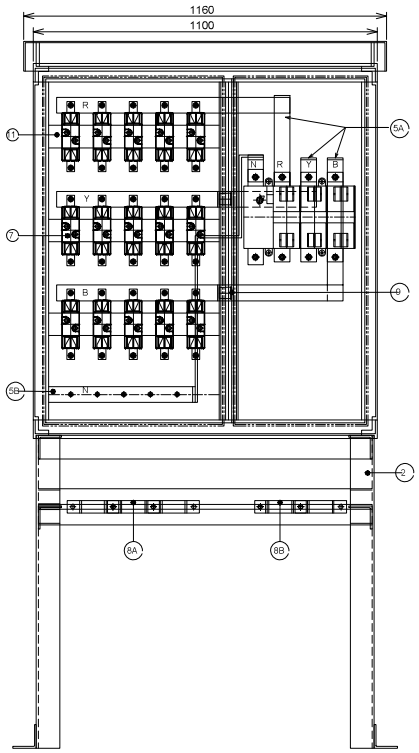
SMC LT MINI SECTION PILLAR BOX SUITABLE FOR 3 PH 50 C/S 440 V AC

SCALE : N.T.S.

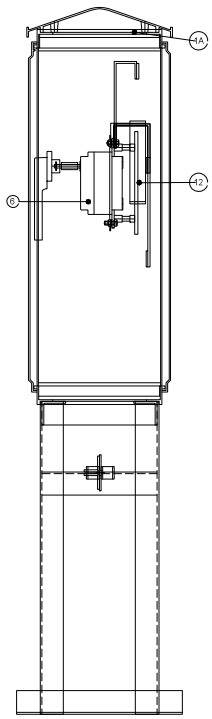
SHEET :



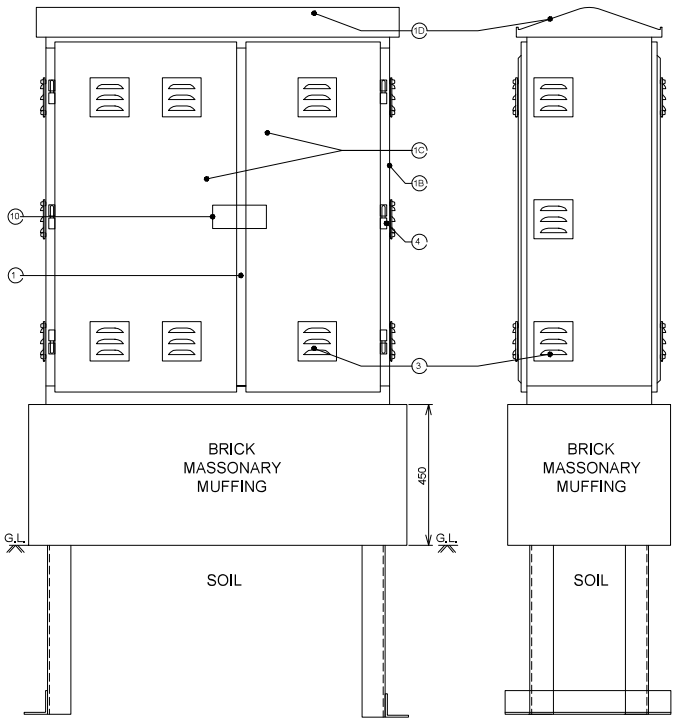
L.H. SIDE VIEW
(SIDE PANEL REMOVED)



DOOR OPEN VIEW



R.H. SIDE VIEW
(SIDE PANEL REMOVED)



FRONT VIEW

R.H. SIDE VIEW

SR.NO.	DISCRIPTION		SIZE / RATING	QUANTITY
1	MODULAR CONSTRUCTION BODY (PILLAR SHELL) MADE OUT OF FIBERGLASS REINFORCED THERMOSETTING PLASTIC. THICHNESS 4 mm.		1200 X 1100 X 400 mm	1 NO
	A. BOTTOM FRAME & TOP FRAME (1 NO. EACH)			
	B. SIDE PANELS - 2 NOS. (LEFT & RIGHT)			
	C. DOOR - BIG & SMALL (FRONT & BACK) - 2 NOS. EACH			
	D. CANOPY - 1 NO.			
2	BASE FRAME WITH APRON - MADE OUT OF FIBERGLASS REINFORCED THERMOSETTING PLASTIC.		1000 mm HEIGHT	1 NO
3	VENTILATION LOUVERS		AS SHOWN IN DRAWING	-
4	HINGES		AS PER MFG. DESIGN	-
5	EC GRADE TINNED ALUMINIUM BUSBAR DULY INSULATED	A. PHASE (R,Y,B)	63 X 10 mm	-
		B. NEUTRAL	63 X 10 mm	-
6	TPN SWITCH FUSE UNIT, MAKE INDO ASIAN/GERARD/EQUIVALENT DGVCL APPROVED		800 A	1 NO
7	HRC FUSE BASE FOR KNIFE TYPE HRC FUSE LINKS		150A	15 NOS
8	A. CABLE CLAMP MADE OUT MS FLAT, SLIDING IN SLOT	O/G 3½ CORE CABLE	40X5X165, R42 mm	5 NOS
	B. CABLE CLAMP MADE OUT SMC/M.S.	I/C 1 CORE CABLE X 4	375X65X45 mm	1 NO
9	SUPPORT INSULATOR OF DMC		-	8 NOS (MIN.)
10	LOCKING & CLOSING ARRANGEMENT (FRONT & BACK)		-	2 NOS
11	FUSE BASE MOUNTING PLATE WITH 5X2 HOLES, Ø11 @ 30X25 C/C, 70 mm C/C (MIN.) INTERVAL		-	3 NOS
12	LT SWITCH MOUNTING PLATE		-	1 NO

DGVCL

DAKSHIN GUJARAT VIJ COMPANY LIMITED

CIN U40102GJ2003SGC042909

FRP PILLAR BOX (1200X1100X400MM)

SCALE : N.T.S.

SHEET :