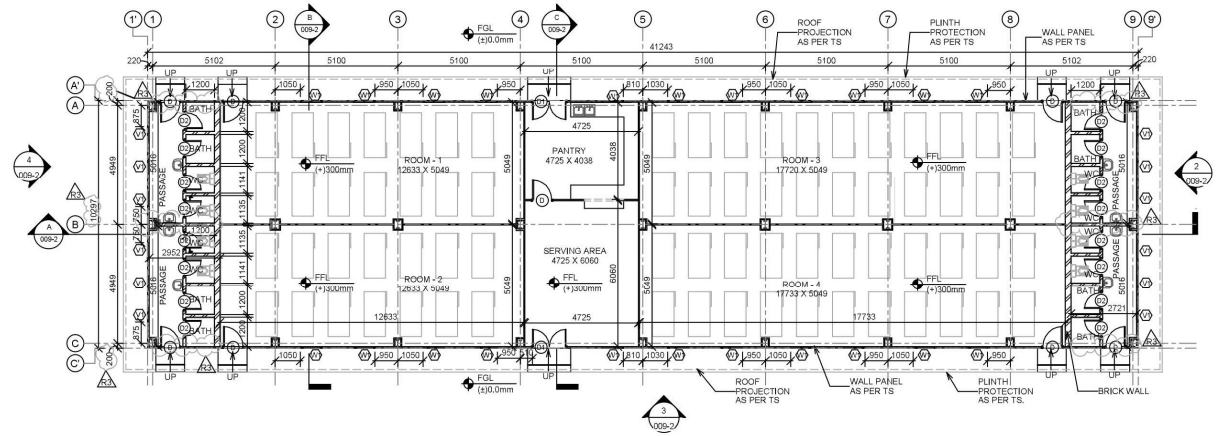
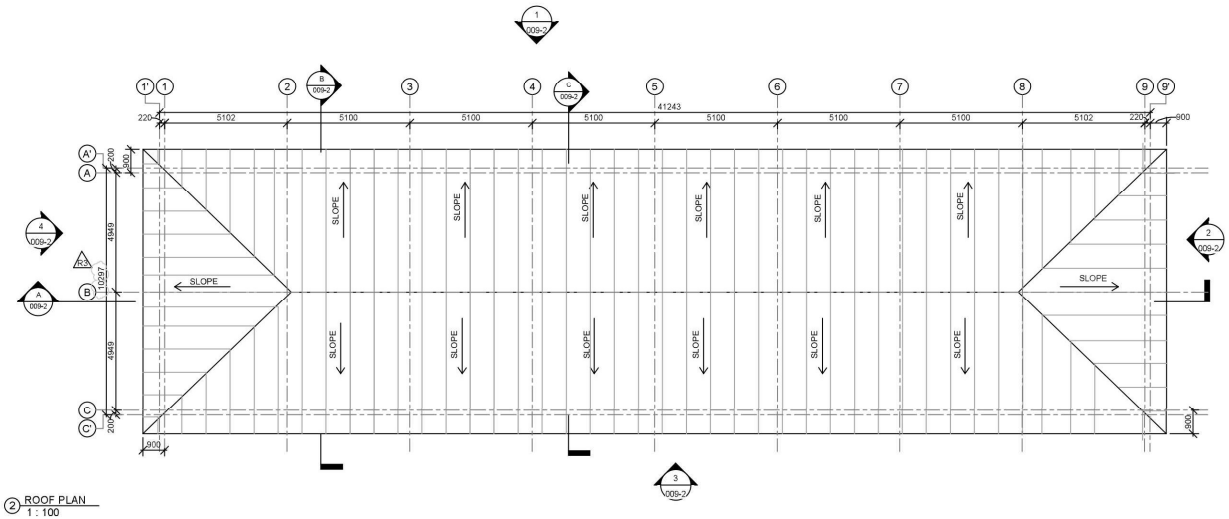


1 GROUND FLOOR PLAN
1 : 100



2 ROOF PLAN
1 : 100

FINISHES SCHEDULE FOR LABOUR HUT				
SR.NO	LOCATION	WALL(INTERNAL)	CEILING	ROOFING
1	LABOUR HUT	OIL BOND DISTEMPER	8MM THICK PVC PROFILE SECTION WITH INTERLOCKING ARRANGEMENT HELD ON MS PIPE FRAMEWORK WITH GRID OF 1200 X 1200MM.	0.50MM THK GI TRAPEZOIDAL ROFILE SHEET WITH 8MM POLYNUM INSULATION (64 CUM /KG) SUPPORTED BY MS TRUSS.
2	BATH & WC	TILE DADO UPTO 2.1M HEIGHT ABOVE IT OIL BOUND DISTEMPER	8MM THICK PVC PROFILE SECTION WITH INTERLOCKING ARRANGEMENT HELD ON MS PIPE FRAMEWORK WITH GRID OF 1200 X 1200MM.	0.50MM THK GI TRAPEZOIDAL PROFILE SHEET WITH 8MM POLYNUM INSULATION (64 CUM /KG) SUPPORTED BY MS TRUSS.
3	PANTRY & SERVING AREA	OIL BOND DISTEMPER	8MM THICK PVC PROFILE SECTION WITH INTERLOCKING ARRANGEMENT HELD ON MS PIPE FRAMEWORK WITH GRID OF 1200 X 1200MM.	0.50MM THK GI TRAPEZOIDAL PROFILE SHEET WITH 8MM POLYNUM INSULATION (64 CUM /KG) SUPPORTED BY MS TRUSS.
4	CORRIDOR	OIL BOND DISTEMPER	8MM THICK PVC PROFILE SECTION WITH INTERLOCKING ARRANGEMENT HELD ON MS PIPE FRAMEWORK WITH GRID OF 1200 X 1200MM.	0.50MM THK GI TRAPEZOIDAL PROFILE SHEET WITH 8MM POLYNUM INSULATION (64 CUM /KG) SUPPORTED BY MS TRUSS.

R3

DOOR WINDOW SCHEDULE					
TYPE	SIZE	SILL LVL.	LINTEL LVL.	DESCRIPTION	NOS.
D	900X2100	--	+2100MM FROM F.F.L	SINGLE SHUTTER WOODEN FLUSH DOOR	09
D1	1500X2100	--	+2100MM FROM F.F.L	DOUBLE SHUTTER WOODEN FLUSH DOOR	02
D2	750X2100	--	+2100MM FROM F.F.L	SINGLE SHUTTER WOODEN FLUSH DOOR	16
W1	900X900	+1200MM FROM F.F.L	+2100MM FROM F.F.L	MS TUBULAR FRAME WINDOW WITH CLEAR FLOAT GLASS	22
V	600X300	+1500MM FROM F.F.L	+2100MM FROM F.F.L	MS TUBULAR FRAME VENTILATOR WITH CLEAR FLOAT GLASS	12

R3

NOTES:-

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS, UNLESS STATED OTHERWISE.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING.
3. FGL(±) 0.0 CORRESPONDES TO FINISHED GROUND LEVEL(F.G.L.)
4. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION OF JOB/PROCURING MATERIALS AT SITE.
5. SIZE OF COLUMNS & BEAMS ARE JUST INDICATIVE.
6. DRAWING TO BE READ ON CONJUNCTION WITH TECHNICAL SPECIFICATION,
7. ALL FINISHES SHALL BE AS PER LABOUR HUT TS.

STRUCTURAL DETAILS:-

1.PRIMARY MEMBERS FABRICATED FROM PLATES AND SECTIONS WITH MINIMUM YIELD STRENGTH OF 340 MPA OR TO SUIT DESIGN BY CONTINUOUS DOUBLE SIDE WELDING.
2. SECONDARY MEMBERS FOR PURLINS AND GRITS SHALL CONFORM TO THE PHYSICAL SPECIFICATION OF ASTM A570 (GRADE 50) OR EQUIVALENT IS STANDARDS HAVING A MINIMUM YIELD STRENGTH OF 340 MPA AND SHALL BE OF PRE GALVANIZED HAVING A TOTAL COATING THICKNESS OF 275 GM/SQM INCLUSIVE OF BOTH SIDE. THE MINIMUM THICKNESS OF SECONDARY MEMBERS SHALL BE 2.5MM.
3.ROD (ANGLE BRACING SHALL CONFORM TO THE PHYSICAL SPECIFICATION IS 2062 OF MINIMUM 240MPA YIELD STRENGTH.
4. ALL HOT ROLLED SECTIONS SHALL CONFORM TO THE PHYSICAL SPECIFICATIONS IS 2062. ALL OTHER MISCELLANEOUS SECONDARY MEMBERS SHALL HAVE MINIMUM YIELD STRENGTH OF 250 MPA.
5. THE CLADDING TO BE EQUALLY DIVIDED BETWEEN GRIDS, TO MINIMIZE ODD SIZE PANELS BETWEEN COLUMNS.

LEGENDS:-

FFL-FINISHED FLOOR LEVEL
F.G.L. - FINISHED GROUND LEVEL
W - WINDOW
D- DOOR
V-VENTILATOR

- RCC
- BRICK WALL

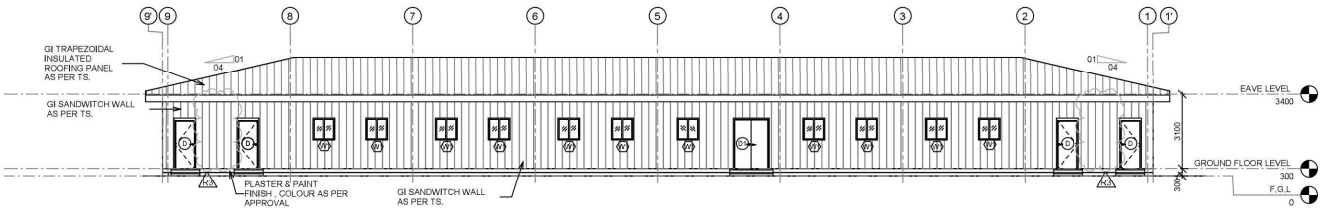
EXTERIOR WALL: PRE ENGINEERED GALVANIZED IRON 0.5MM THICK BOTH SIDE SANDWICH PANELS WITH 75MM THICK THERMOCOLE (GLASS WOOL INSULATION OF DENSITY 12 KG/M3, SHALL BE PAINTED WITH WEATHER PROOF TEXTURE PAINT FROM OUTSIDE AND INSIDE OIL BOND DISTEMPER.

INTERNAL WALL PARTITION: LIGHT GAUGE STEEL STRUCTURE USING 50MM GALVANISED SECTIONS BOTH VERTICALLY AND HORIZONTALLY AT A GAP OF 600MM, 8 MM CEMENT FIBRE BOARD CEMENT FIBRE BOARD BOTH SIDES AND 50MM GLASS WOOL INSULATION AND JOINTS CONCEALED WITH POLYMER BASED PUTTY AND EXTERIOR SIDE WEATHER PROOF PLASTIC PAINT EMULSION PAINT.

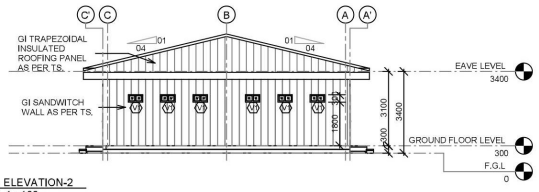
- ROOF PANEL
0.50MM THK GI TRAPEZOIDAL PROFILE SHEET WITH 8MM POLYNUM INSULATION (64 CUM /KG) SUPPORTED BY MS TRUSS.

REV.	DESCRIPTION	PREP.	CHEKD.	APPD.	DATE
		SIGN.			

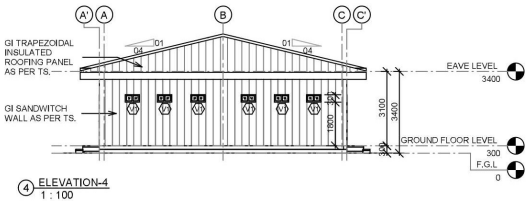
OWNER	POWER GRID CORPERATION OF INDIA LTD SAUDAMINI, PLOT NO. 2, SECTOR-29 GURGAON (HARYANA) - 122001
PROJECT	LABOUR HUT
SUBSTATION	
DRG. TITLE	ARCHITECTURAL FLOOR PLANS FOR LABOUR HUT
DRG. NO.:	C/ENGG/LABOUR HUT/01
SCALE:	1:100 — SHEET: 01 OF 02 — A1



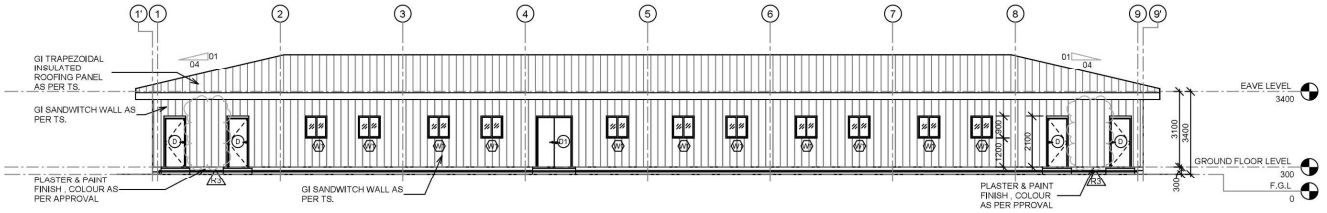
1 ELEVATION-1
1 : 100



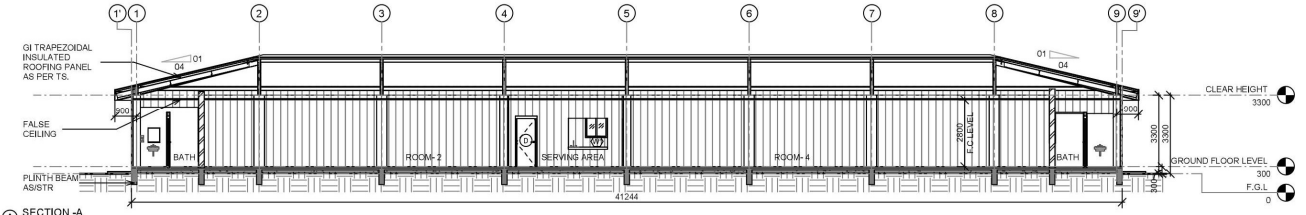
2 ELEVATION-2
1 : 100



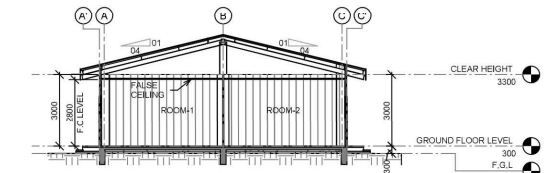
4 ELEVATION-4
1 : 100



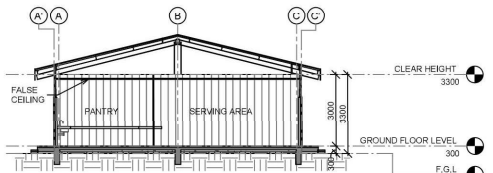
3 ELEVATION-3
1 : 100



A SECTION -A
1 : 100



B SECTION -B
1 : 100



C SECTION -C
1 : 100

NOTES:-

1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS, UNLESS STATED OTHERWISE.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED, DO NOT SCALE THE DRAWING.
3. FGL(±) 0.0 CORRESPONDS TO FINISHED GROUND LEVEL(F.G.L.)
4. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION OF JOB/PROCURING MATERIALS AT SITE.
5. SIZE OF COLUMNS & BEAMS ARE JUST INDICATIVE.
6. DRAWING TO BE READ ON CONJUNCTION WITH TECHNICAL SPECIFICATION.
7. ALL FINISHES SHALL BE AS PER LABOUR HUT TS.

STRUCTURAL DETAILS:-

1.PRIMARY MEMBERS FABRICATED FROM PLATES AND SECTIONS WITH MINIMUM YIELD STRENGTH OF 340 MPA OR TO SUIT DESIGN BY CONTINUOUS DOUBLE SIDE WELDING.
2. SECONDARY MEMBERS FOR PURLINS AND GIRTS SHALL CONFORM TO THE PHYSICAL SPECIFICATION OF ASTM A570 (GRADE 50) OR EQUIVALENT IS STANDARDS HAVING A MINIMUM YIELD STRENGTH OF 340 MPA AND SHALL BE OF PRE GALVANIZED HAVING A TOTAL COATING THICKNESS OF 275 GM/SQM INCLUSIVE OF BOTH SIDE. THE MINIMUM THICKNESS OF SECONDARY MEMBERS SHALL BE 2.5MM.
3.ROD /ANGLE BRACING SHALL CONFORM TO THE PHYSICAL SPECIFICATION IS 2062 OF MINIMUM 245MPA YIELD STRENGTH.
4. ALL HOT ROLLED SECTIONS SHALL CONFORM TO THE PHYSICAL SPECIFICATIONS IS 2062. ALL OTHER MISCELLANEOUS SECONDARY MEMBERS SHALL HAVE MINIMUM YIELD STRENGTH OF 250 MPA.
5. THE CLADDING TO BE EQUALLY DIVIDED BETWEEN GRIDS, TO MINIMIZE ODD SIZE PANELS BETWEEN COLUMNS.

LEGENDS:-

FFL-FINISHED FLOOR LEVEL
F.G.L. - FINISHED GROUND LEVEL
W - WINDOW
D- DOOR
V-VENTILATOR

- RCC
- BRICK WALL

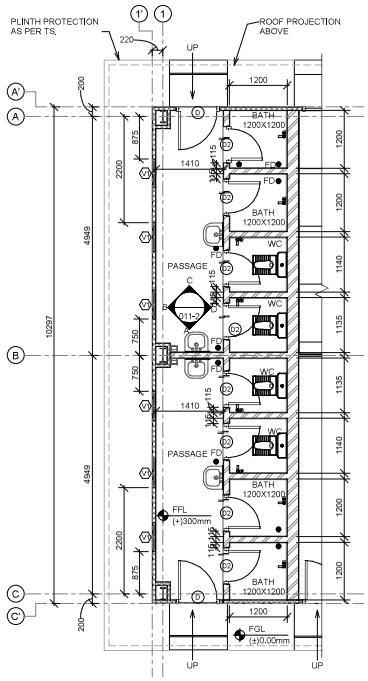
EXTERIOR WALL: PRE ENGINEERED GALVANIZED IRON 0.5MM THICK BOTH SIDE SANDWICH PANELS WITH 75MM THICK THERMOCOLE /GLASS WOOL INSULATION OF DENSITY 12 KG/M3. SHALL BE PAINTED WITH WEATHER PROOF TEXTURE PAINT FROM OUTSIDE AND INSIDE OIL BOND DISTEMPER.

INTERNAL WALL PARTITION: LIGHT GAUGE STEEL STRUCTURE USING 50MM GALVANISED SECTIONS BOTH VERTICALLY AND HORIZONTALLY AT A GAP OF 600MM. 8 MM CEMENT FIBRE BOARD CEMENT FIBRE BOARD BOTH SIDES AND 50MM GLASS WOOL INSULATION AND JOINTS CONCEALED WITH POLYMER BASED PUTTY AND EXTERIOR SIDE WEATHER PROOF PLASTIC PAINT EMULSION PAINT.

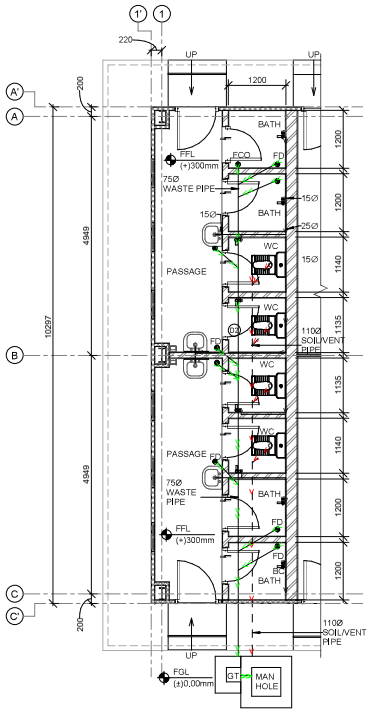
- ROOF PANEL
0.50MM THK GI TRAPEZOIDAL PROFILE SHEET WITH 8MM POLYNUM INSULATION (64 CUM /KG) SUPPORTED BY MS TRUSS.

REV.	DESCRIPTION	PREP.	CHEKD.	APPD.	DATE
		SIGN.			

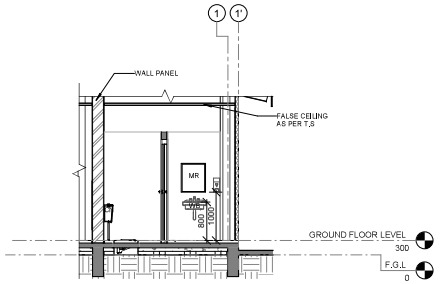
OWNER	POWER GRID CORPERATION OF INDIA LTD SAUDAMINI, PLOT NO.2, SECTOR-29 GURGAON (HARYANA) - 122001
PROJECT	LABOUR HUT
SUBSTATION	
DRG. TITLE	ARCHITECTURAL ELEVATIONS AND SECTIONS FOR LABOUR HUT
DRG. NO.:	C/ENGG/LABOUR HUT/01
SCALE:	1:100
SHEET:	02 OF 02
	A1



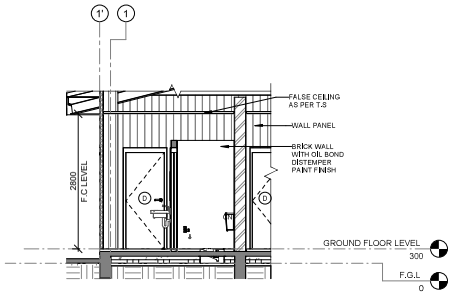
1 GROUND FLOOR TOILET - FIXTURE LAYOUT
1 : 50



2 GROUND FLOOR TOILET - PLUMBING LAYOUT
1 : 50



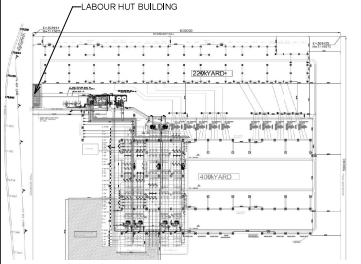
3 ELEVATION-A
1 : 50



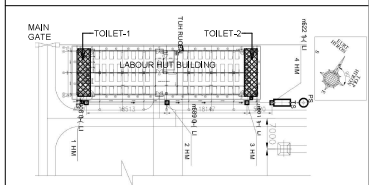
4 ELEVATION-C
1 : 50

GENERAL NOTES :-

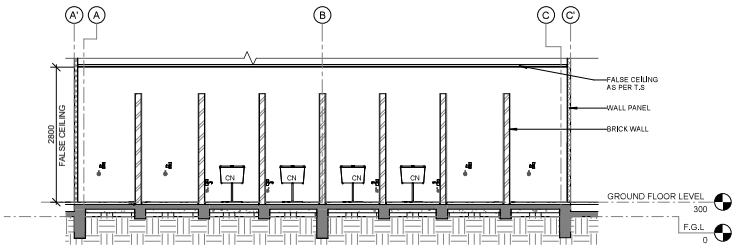
1. ALL DIMENSIONS & LEVEL ARE IN MM UNLESS STATED OTHERWISE.
2. FGL ±0.00 SHALL CORRESPOND TO LEVEL +100.30M WHEREVER INDICATED.
3. SIZES OF COLUMNS ARE JUST INDICATIVE. SIZES SHALL BE AS PER STRUCTURAL DETAIL.
4. ALL LEVELS ARE TO BE VERIFIED BEFORE THE START OF CONSTRUCTION.
5. ALL ARCHITECURAL FINISHES SHALL BE AS PER TS.
6. LOCATION/ORIENTATION/CO-ORDINATES OF THE BUILDING SHALL BE CROSS-CHECKED WITH STRUCTURAL/ CIVIL DRAWINGS. IN CASE OF ANY MIS-MATCH THE SAME SHALL BE RESOLVED BEFORE CONSTRUCTION.
7. REFERENCE SHALL BE MADE TO RELEVANT DRAWINGS BEFORE STARTING FLOORING WORKS. TRENCHES/CUT OUTS IN FLOOR SHALL BE PROVIDED IN ACCORDANCE WITH RELEVANT ELECTRICAL/STRUCTURAL/EQUIPMENT DRAWINGS.
8. ALL TOILET AND PLUMBING FIXTURES SHALL BE AS PER TS. & BOQ.



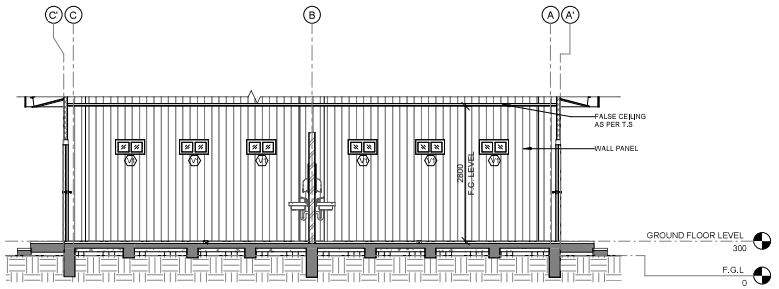
KEY PLAN - OVERALL
SCALE - NTS



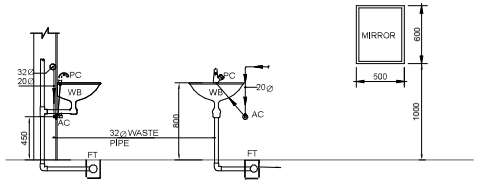
KEY PLAN- SEWRAGE LAYOUT
SCALE - NTS



5 ELEVATION- B
1 : 50



6 ELEVATION-D
1 : 50



FIXTURE LAYOUT
1 : 25

PIPE LEGEND	
	75Ø WASTE PIPE
	110Ø SOIL PIPE
	WATER SUPPLY PIPE

* PVC PIPE FOR HOT & COLD WATER SUPPLY

PLUMBING LEGEND	
DIA METER OF WATER SUPPLY	
NOMINAL DIAMETER (in mm)	NOMINAL DIAMETER (in Inches)
15	1/2"
25	1"
40	1.5"

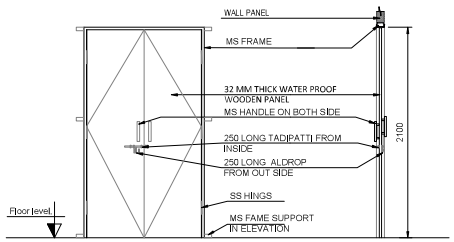
LEGENDS :-	
FFL = FINISHED FLOOR LEVEL	AC = ANGLE COCK
TOC = TOP OF CONCRETE	BC = BIB COCK
D = DOOR	HF = HEALTH FAUCET
V = VENTILATOR	PH = PAPER HOLDER
WC = WATER CLOSET	FC = FLUSH COCK
WB = WASH BASIN	PC = PILLAR COCK
FD = FLOOR DRAIN	SC = STOP COCK
FT = FLOOR TRAP	L.S. = LIQUID SOAP HOLDER
MR = MIRROR	B.T. = BOTTLE TRAP
FLOOR TILE DROP	C.N. = CISTERN

NOTE -
* SPECIFICATIONS OF TOILET FIXTURES AND OTHER DETAILS SHALL BE AS PER TS. & BOQ.

REV.	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
R0	ISSUED FOR APPROVAL	TS	SM	SM	28-09-2022

OWNER	POWER GRID CORPERATION OF INDIA LTD SAUDAMINI, PLOT NO. 2, SECTOR-29, GURGAON (HARYANA) - 122001
CONTRACTOR	KEC INTERNATIONAL LTD. RPG HOUSE, 2ND FLOOR, BUILDING NO. 9A, DLF CYBER CITY, PHASE III, GURGAON (HARYANA) - 122002
PROJECT	SUBSTATION PACKAGE-SS01 FOR CONSTRUCTION OF NEW 400/220KV SUBSTATION AT BIKANER, EXTENSION OF 400KV BHIWADI (GIS)S/S AND EXTENSION OF KHETRI S/S UNDER TBCB ROUTE.
SUBSTATION	400KV BIKANER SS -NEW
DRG. TITLE	ARCHITECTURAL TYPICAL TOILET DETAIL FOR LABOUR HUT BIKANER
DRG. NO.:	KEC-SA126-BIK-ESC-605-DRG-011
SCALE:	1 : 50 — SHEET: 02 OF 02 — A1

Downloaded on Wed Feb 01 2023 15:18:33 GMT+0530 (India Standard Time) by 60001050

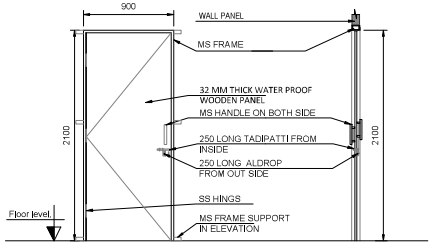


ELEVATION SECTION

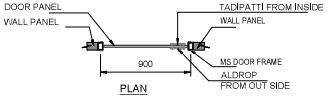


PLAN

D1 : 1500x2100
MS TUBULAR FRAME WATER PROOF DOUBLE SHUTTER DOOR
G.F. - 02 NOS - 6.30 SQ MT

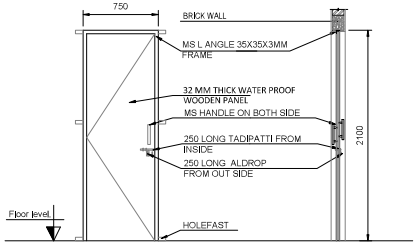


ELEVATION SECTION

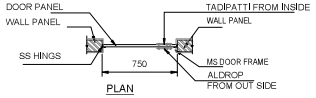


PLAN

D : 900X2100
LOCATION: TOILET , ROOMS & PANRTY
(MS TUBULER FRAME WATER PROOF SINGLE SHUTTER FLUSH DOOR)
G.F.- 09 NOS. - 17.01 SQ MT



ELEVATION SECTION



PLAN

D2 : 750X2100
LOCATION: BATH, TOILET
MS L ANGLE FRAME SINGLE SHUTTER FLUSH DOOR)
G.F.- 12 NOS. - 18.9 SQ MT

NOTES

1. All dimensions & levels are in mm unless otherwise specified.
2. All dimensions to be read, not scaled.
3. uPVC Doors, window ventilators shall be sliding or openable or partially openable / partially fixed or fixed type of factory made uPVC door,window (casement / sliding),ventilators, fixed glazing and partition as per pre-fab structure labour hut.
4. The make and sections of uPVC profile shall be approved by engineer-in-charge.
5. For location of doors, windows etc. refer approved architectural drawing.
6. The sections of frame is indicative, site to modify the sizes of the frame as per site requirement.

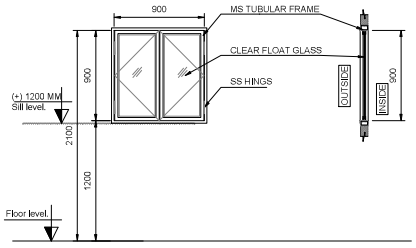
LEGEND

FGL - FINISH GROUND LEVEL.
FFL - FINISH FLOOR LEVEL.
D- DOOR
W - WINDOW
V- VENTILATOR

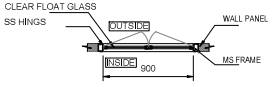
230mm THK BRICK WALL
R.C.C.
WALL PANEL

BUILDING SPECIFICATIONS

BUILDING SPECIFICATIONS SHALL BE AS PER T.S
PRE-FAB STRUCTURE LABOUR HUT

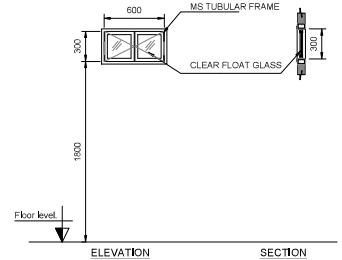


ELEVATION SECTION

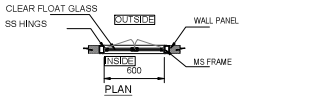


PLAN

W1 : 900x900 LOCATION : ROOMS
(MS TUBULAR FRAME OPENABLE WINDOW WITH CLEAR FLOAT GLASS.)
G.F.- 22 NOS - 17.82 SQ MT



ELEVATION SECTION



PLAN

V1 : 600x300 LOCATION : TOILET, BATH AREA
MS TUBULAR FRAME VENTILATOR WITH 5.5mm THICK GLAZING.
G.F.- 12 NOS. - 2.16 SQ MT

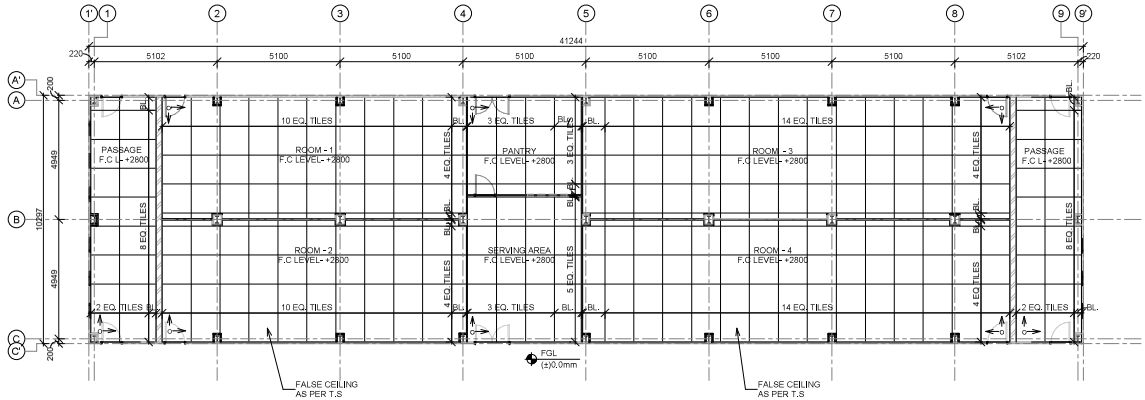
DOOR WINDOW SCHEDULE

TYPE	SIZES	SILL LVL.	LINTEL LVL.	DESCRIPTION	NOS.
D	900 X 2100	-	2100	MS TUBULAR FRAME 32 MM THICK WATER PROOF WOODEN SINGLE SHUTTER FLUSH DOOR WITH SS HINGS	09
D1	1500 X 2100	-	2100	MS TUBULAR FRAME 32 MM THICK WATER PROOF WOODEN DOUBLE SHUTTER FLUSH DOOR WITH SS HINGS	02
D2	750 X 2100	-	2100	MS L ANGLE FRAME 32 MM THICK WATER PROOF WOODEN SINGLE SHUTTER FLUSH DOOR WITH SS HINGS	16
W1	900 X 900	1200	2100	MS TUBULAR FRAME WINDOW WITH CLEAR FLOAT GLASS	22
V1	300 X 600	1800	2100	MS TUBULAR FRAME VENTILATOR WITH CLEAR FLOAT GLASS	12

REV.	DESCRIPTION	PREP.	CHEKD.	APPD.	DATE
			SIGN.		
R0	ISSUED FOR APPROVAL	TS	SM	SM	15-09-2022

OWNER	POWER GRID CORPERATION OF INDIA LTD SAUDAMINI, PLOT NO. 2, SECTOR-29 GURGOAN (HARYANA) - 122001
CONTRACTOR	KEC INTERNATIONAL LTD. 8th FLOOR, BUILDING No. 9A, DLF CYBER CITY, PHASE III, GURGOAN (HARYANA) - 122002
PROJECT	SUBSTATION PACKAGE-SS01 FOR CONSTRUCTION OF NEW 400/220KV SUBSTATION AT BIKANER, EXTENSION OF 400KV BHIWADI (GIS)S/S AND EXTENSION OF KHETRI S/S UNDER TBCB ROUTE.
SUBSTATION	400KV BIKANER SS -NEW
DRG. TITLE	DOOR WINDOW DETAILS FOR LABOUR HUT
DRG. NO.	KEC-SA126-BIK-ESC-605-DRG-010
SCALE:	1 : 25
SHEET:	01 OF 01
	A1

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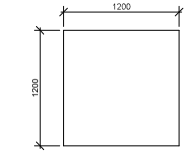


1 FALSE CEILING PLAN
1 : 100

GENERAL NOTES

1. ALL DIMENSIONS AND LEVEL ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THE DRAWING, ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.
3. ALL MEASUREMENTS MUST BE CHECKED INCASE OF DISCREPANCY, IT SHALL BE REPORTED BEFORE EXECUTION
4. REFER LIGHTING LAYOUT AND AC DUCT LAYOUT FOR LIGHTING/AC FIXTURES RELEVANT DETAILS.
5. CEILING STRIPS SHALL BE CUT ACCORDINGLY FOR FITTING THE FIXTURES / FITTINGS.
6. REFER TENDER/TECHNICAL SPECIFICATIONS FOR FALSE CEILING.
7. SUPPLY AIR DIFFUSER SIZE SHALL BE AS PER HVAC LAYOUT.
8. IN CASE OF ANY CONFLICT WITH TENDER/ PACKAGE, THE SAME SHALL BE GOT RESOLVED BEFORE PROCUREMENT AND EXECUTION.
9. COLOR SCHEME FOR ALL ARCHITECTURAL WORKS SHALL BE SUBJECT TO APPROVAL OF THE OWNER.
10. AS CONSIDERING CONVENIENT WORK FLOW FALSE CEILING WORK SHOULD BE DONE AFTER COMPLETION OF ELECTRICAL WORK.
11. FCL LEVEL FOR RESPECTIVE FLOORS SHALL BE MEASURED FROM THE FFL OF THE RESPECTIVE FLOOR

LEGENDS
E.Q. = EQUAL
F.F.L. = FINISHED FLOOR LEVEL
F.C.L. = FALSE CEILING LEVEL
B.L. = BALANCE



TILE SHEET- 1200mm X 1200mm

AREAS /ROOMS PROVIDED WITH FALSE CEILING SHOWN THUS
START POINT

FALSE CEILING SCHEDULE

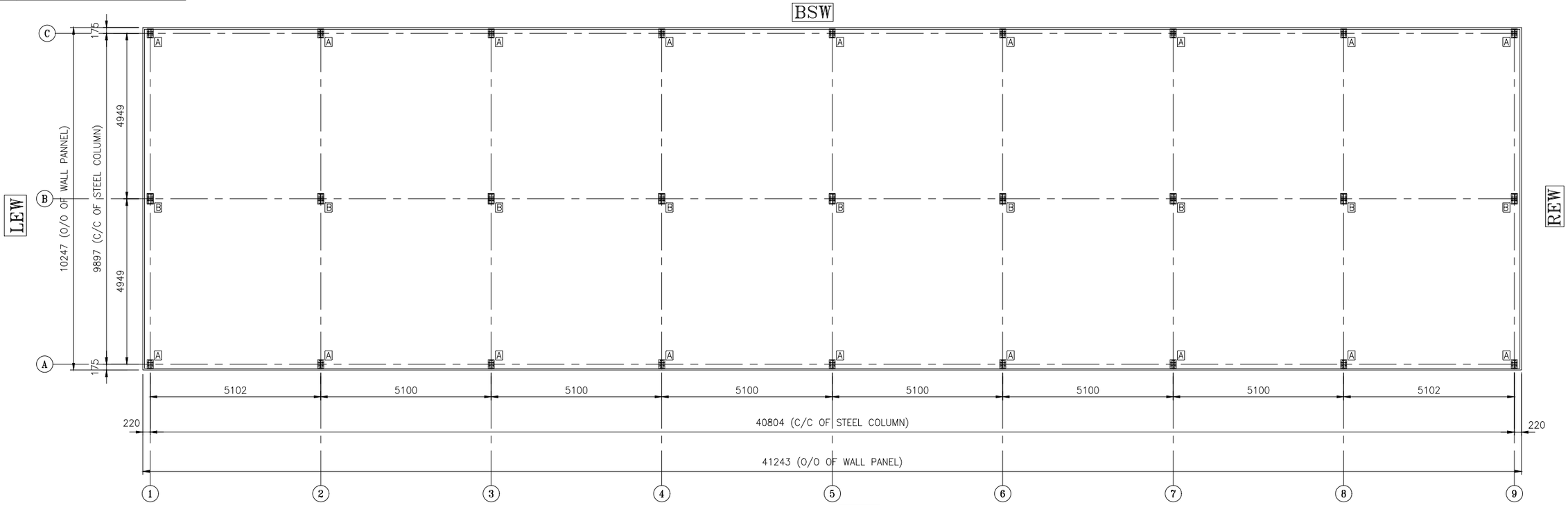
S.NO.	LOCATION	FALSE CEILING LEVEL	FALSE CEILING MATERIAL
		GROUND FLOOR	
1.	LABOUR HUT	2800	8MM THICK PVC PROFILE SECTION WITH INTERLOCKING ARRANGEMENT HELD ON MS PIPE FRAMEWORK WITH GRID OF 1200 X 1200MM.
2.	PANTRY	2800	
3.	SERVING AREA	2800	
4.	CORRIDOR	2800	
5.	BATH AND WC	2800	

REV.	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
R0	ISSUED FOR APPROVAL	TS	SM	SM	14-09-2022

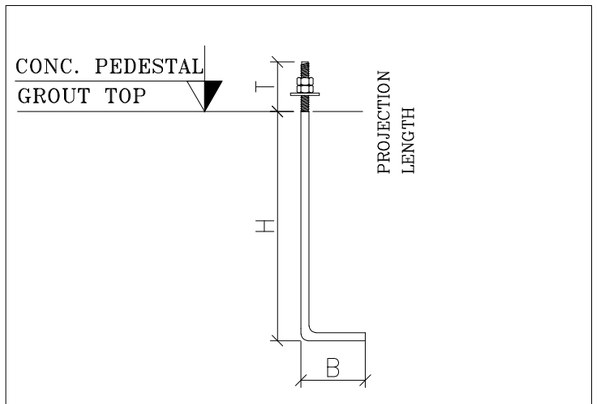
OWNER	POWER GRID CORPERATION OF INDIA LTD SAUDAMINI, PLOT NO.2, SECTOR-29 GURGAON (HARYANA) - 122001
CONTRACTOR	KEC INTERNATIONAL LTD. 6TH FLOOR, BUILDING NO.64, DLF CYBER CITY PHASE-III, GURGAON (HARYANA) - 122002
PROJECT	SUBSTATION PACKAGE-SS01 FOR CONSTRUCTION OF NEW 400/220KV SUBSTATION AT BIKANER, EXTENSION OF 400KV BHIWADI (GIS)S/S AND EXTENSION OF KHETRI S/S UNDER TBCB ROUTE.
SUBSTATION	400KV BIKANER SS - NEW
DRG. TITLE	ARCHITECTURAL FALSE CEILING PLAN FOR LABOUR HUT
DRG. NO.:	KEC-SA126-BIK-ESC-605-DRG-014
SCALE:	1:100 SHEET: 01 OF 01 A1

Downloaded on Wed Feb 01 2023 15:22:11 GMT+0530 (India Standard Time) by 60001050

REV-00



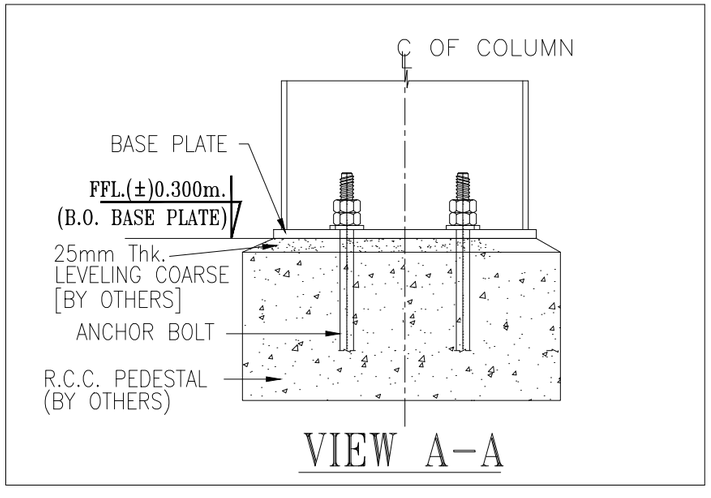
FLOOR PLAN



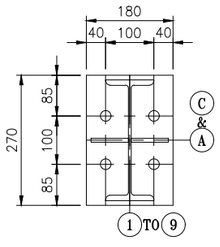
ANCHOR BOLT SCHEDULE

T=THREADED LENGTH

BOLT DESCRIPTION	DIA.	H	B	T	
AB 20x700	20	700	100	100	

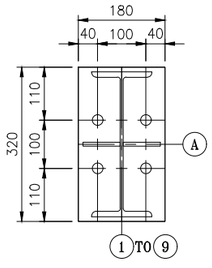


VIEW A-A



DETAIL A

16mm THK. PLATE
8mm THK. STFF.
20ϕ BOLTS-4 Nos.



DETAIL B

16mm THK. PLATE
8mm THK. STFF.
20ϕ BOLTS-4 Nos.

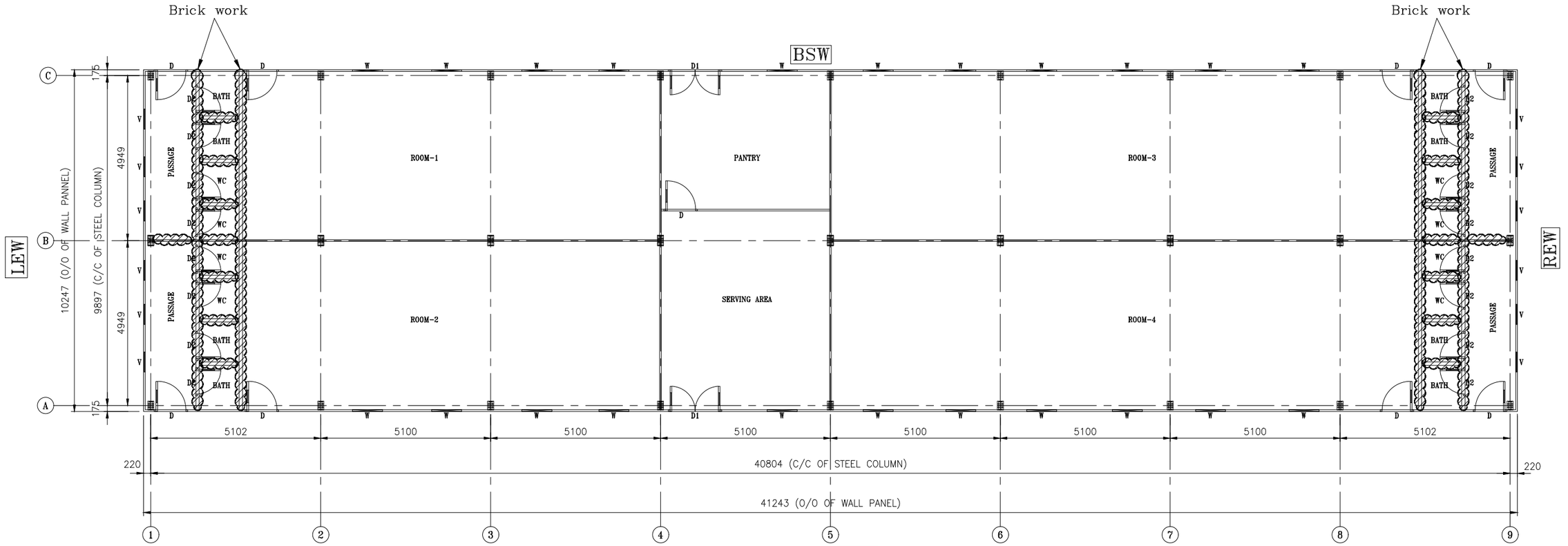
NOTE:-
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

NOTES FOR STRUCTURAL STEEL WORK:-

1 DESIGN, FABRICATION & ERECTION OF STEEL STRUCTURES SHALL CONFORM TO IS 800 & ROLLED SECTION SHALL BE CONFORMING IS 808.
2 ALL WELDING SHALL BE CONFORMING TO IS 816.
3 TOLERANCE FOR VARIOUS STRUCTURAL STEEL FABRICATION SHALL BE AS PER IS 7215.
4 ALL WELDING SHALL BE DONE WITH ELECTRODES CONFORMING TO IS 814.
5 R.H.S SECTION SHALL CONFORM TO IS:4923-1997 & HOLLOW STEEL TUBE SHALE CONFORM TO IS:1161-1998.
6 GRADE OF STEEL SHALL BE 250 MPa FOR HOLLOW SECTION AND HOTROLLED SECTIONS
7 GRADE OF COLDFORMED STEEL SECTONS SHALL BE 250 MPa.
8 CONNECTION BOLTS SHALL BE HOT DIPPED GALVANIZED,HIGH STRENGTH 8.8 GRADE BOLTS CONFIRMING TO IS 4000-1992.

OWNER	Power Grid Corporation of india limited		
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS		
DRAWING TITLE	ANCHOR BOLT PLAN & DETAIL		
HT-20-07-DOC-001			
DRAWN :	CHECKED : AS	SCALE : AS SHOWN	1 METHOD OF PROJECTION 1
DRAWING NO. CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT		SHEET 01 OF 08	REV. 00

REV-00



LAYOUT PLAN

NOTE:- ALL TOILET PARTITION WALL IN BRICK WORK AND OTHER PARTITION WALL 50mm LGSF SECTION 8mm thk cement board fixed on both sides of wall infill 50mm glasswool insulation

DOOR-D	900X2100	9 NOS.
DOOR-D1	1500X2100	2 NOS.
DOOR-D2	7500X2100	16 NOS.
WINDOW-W1	900X900	22 NOS.
VENTILATOR-V	600X300	12 NOS.

NOTES FOR STRUCTURAL STEEL WORK:-

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NOTE:-
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS
DRAWING TITLE	LAYOUT PLAN

HT-20-07-DOC-001

DRAWN	CHECKED : AS	SCALE : AS SHOWN	METHOD OF PROJECTION 1 1

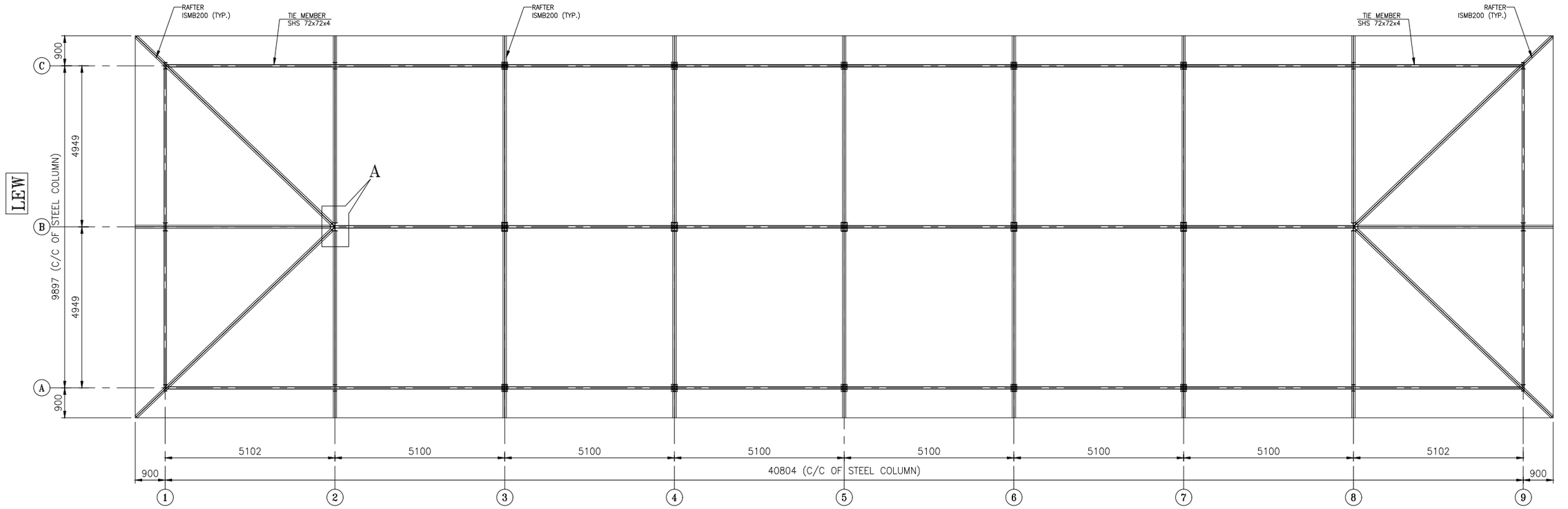
DRAWING NO. CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT

SHEET 02 OF 08

REV. 00

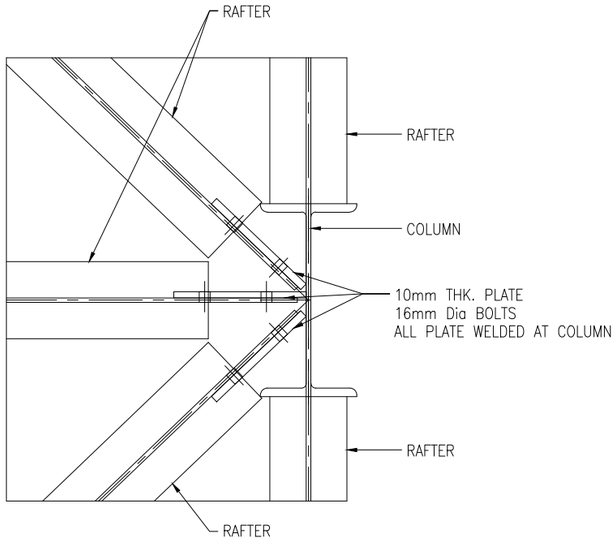
REV-00

BSW



FSW

RAFTER PLAN



DETAIL A

NOTES FOR STRUCTURAL STEEL WORK:-

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NOTE:-
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS
DRAWING TITLE	RAFTER PLAN
HT-20-07-DOC-001	

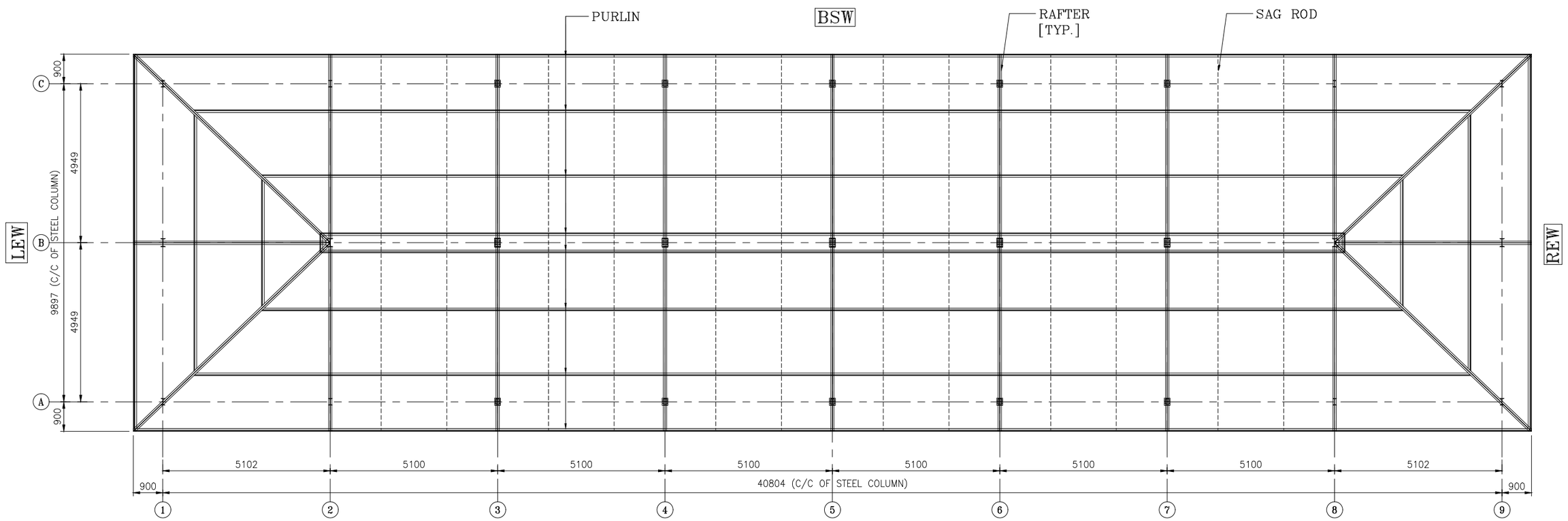
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DRAWING NO. CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT

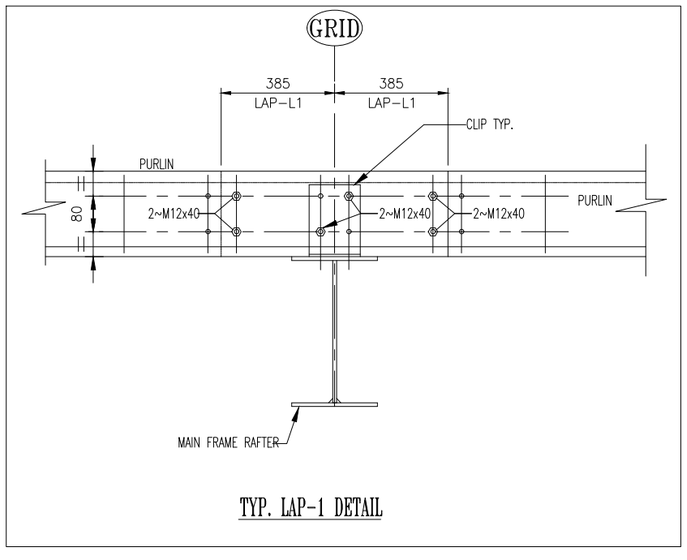
SHEET 03 OF 08 | REV. 00

A1

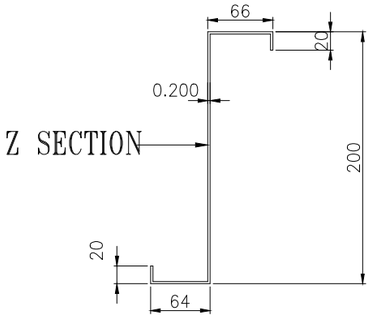
REV-00



PURLIN PLAN

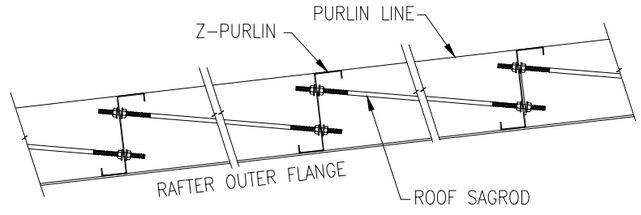


TYP. LAP-1 DETAIL



Z SECTION

PURLIN DETAIL



TYPICAL SAG ROD FIXING DETAIL

TYP. SIZE	
PURLIN	Z-200*2mm
SAG ROD	12mm DIA.

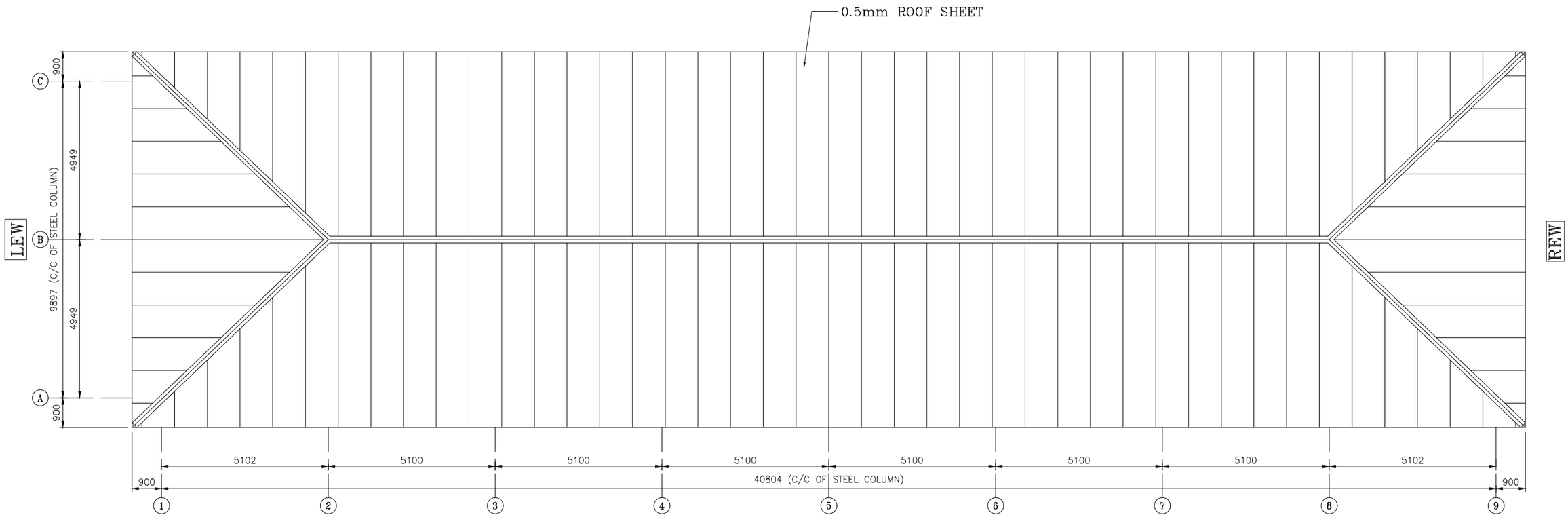
NOTE:-
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

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OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS
DRAWING TITLE	PURLIN PLAN
HT-20-07-DOC-001	
DRAWN / CHECKED : AS / SCALE : AS SHOWN	METHOD OF PROJECTION 1 1
DRAWING NO.	CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT
SHEET	04 OF 08
REV.	00

REV-00



FSW

ROOF PLAN

NOTE:- 0.5mm thk GI Trapezoidal profile sheet with 8 mm polynum insulation(64kg/cum)

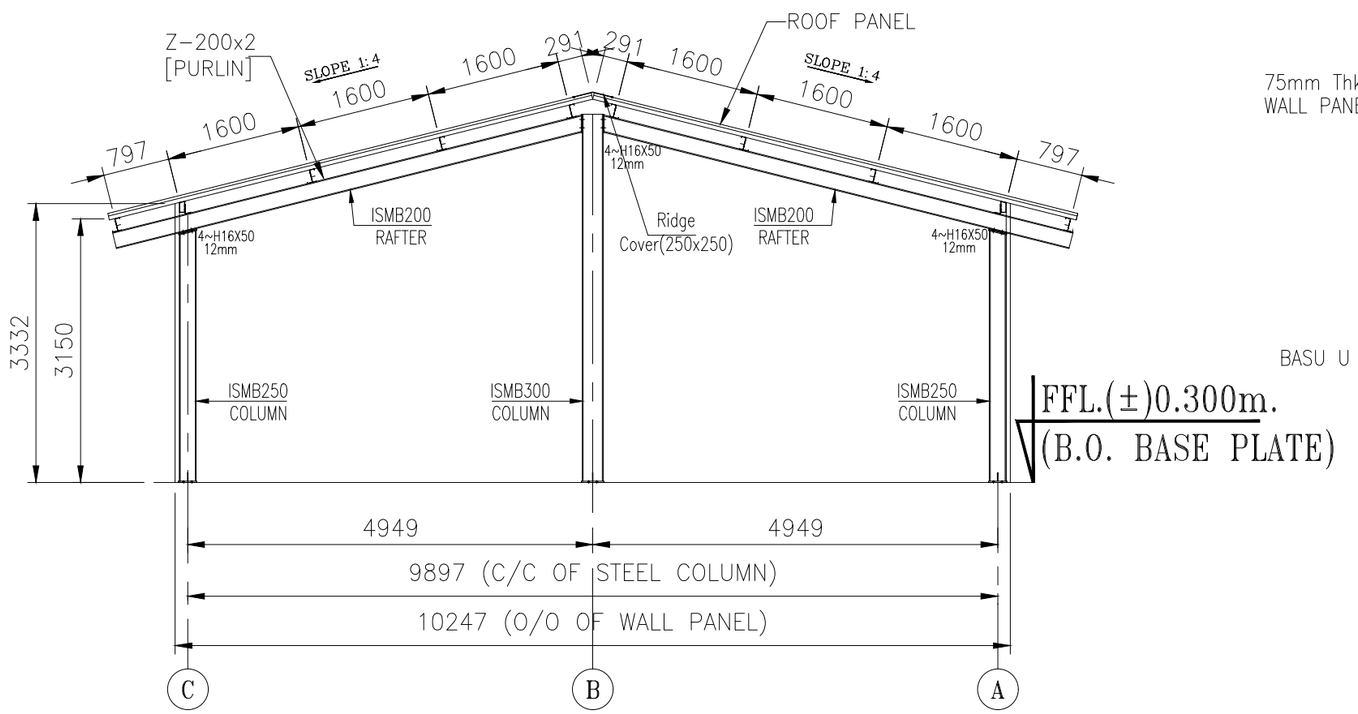
NOTE:-
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

NOTES FOR STRUCTURAL STEEL WORK:-

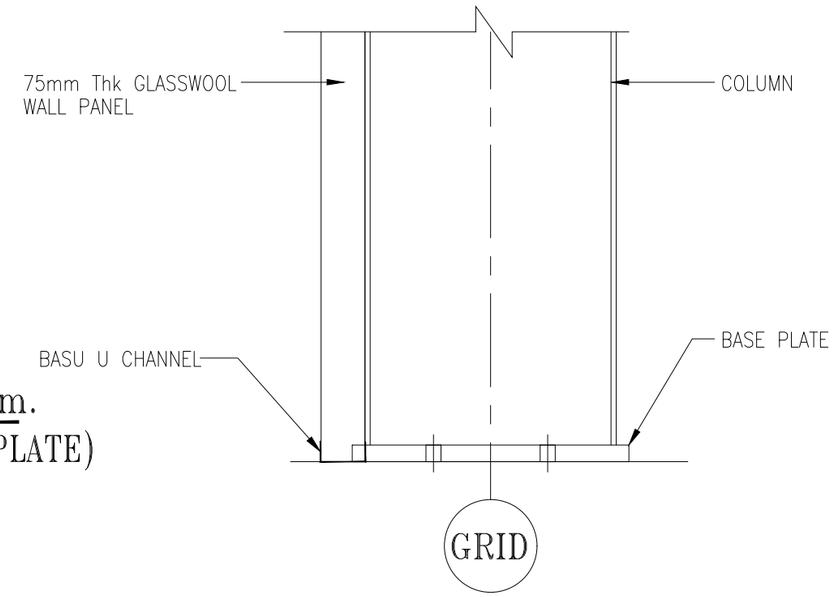
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OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS
DRAWING TITLE	ROOF PLAN
HT-20-07-DOC-001	
DRAWN	CHECKED : AS / SCALE : AS SHOWN / 1 METHOD OF PROJECTION 1
DRAWING NO.	CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT
SHEET	05 OF 08
REV.	00

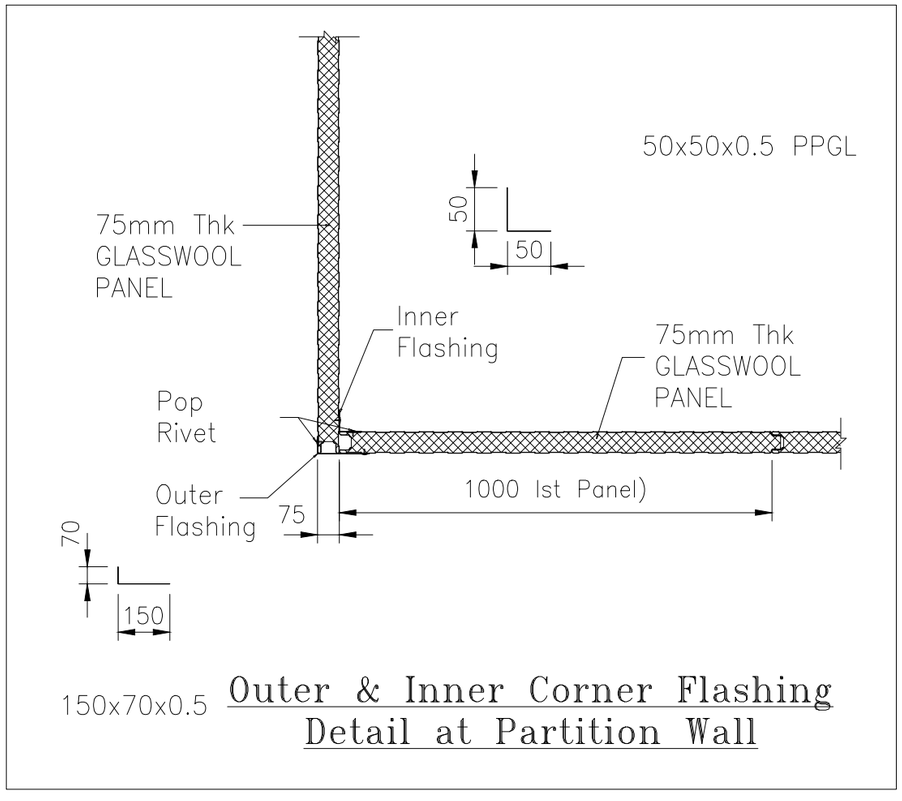
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SECTION ALONG GRID – 2 TO 8



TYP. PANEL FIXING DETAIL

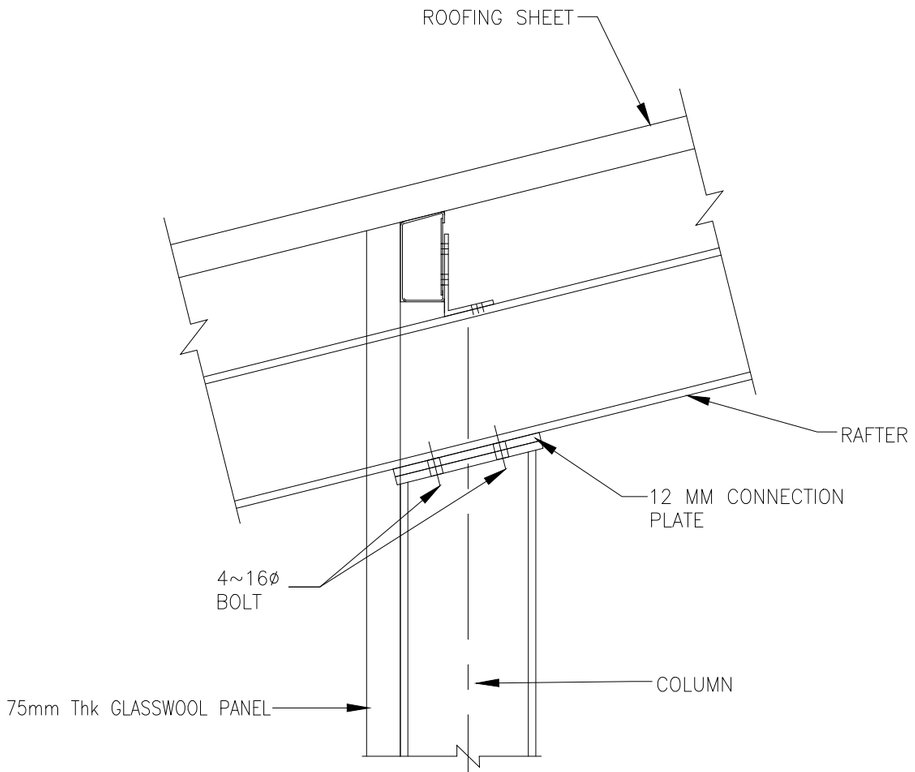


150x70x0.5 Outer & Inner Corner Flashing Detail at Partition Wall

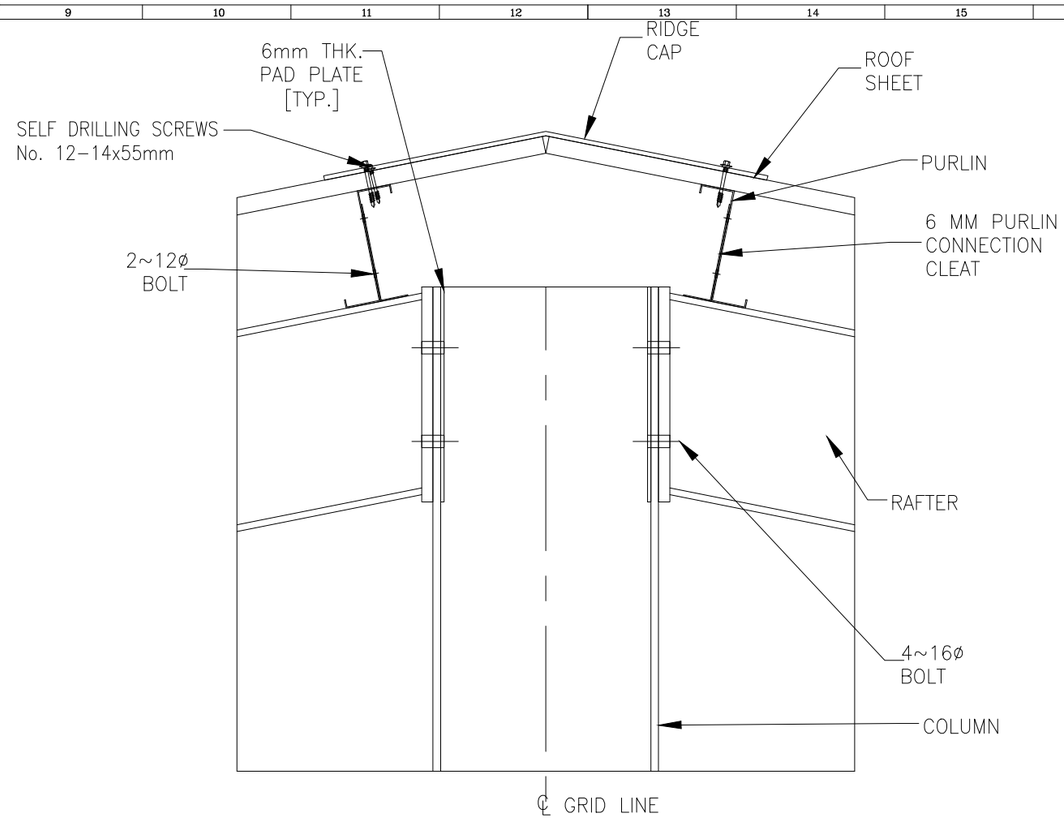
NOTE:–
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS
DRAWING TITLE	TYP. SECTION
HT-20-07-DOC-001	
DRAWN / CHECKED : AS / SCALE : AS SHOWN / METHOD OF PROJECTION 1 1	
DRAWING NO. CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT	SHEET 06 OF 08 / REV. 00

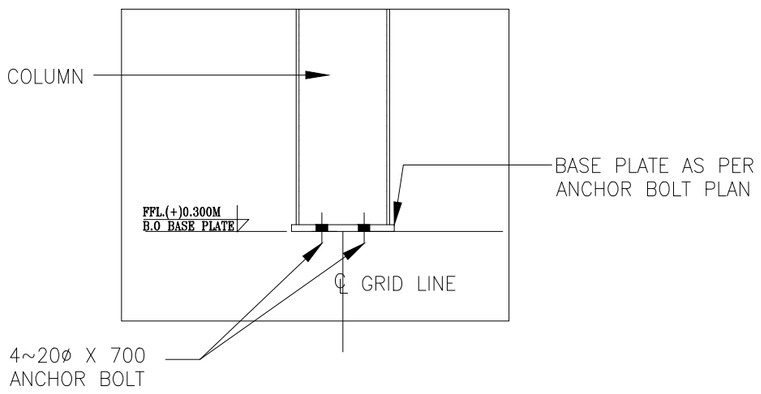
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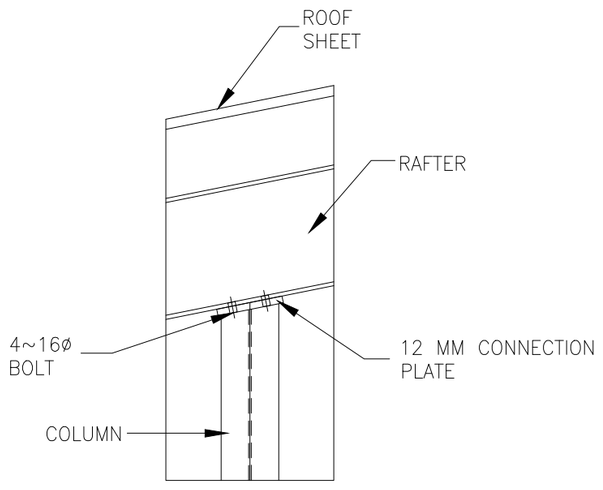
TYPICAL EAVE DETAIL



RIIDGE CONNECTION DETAIL



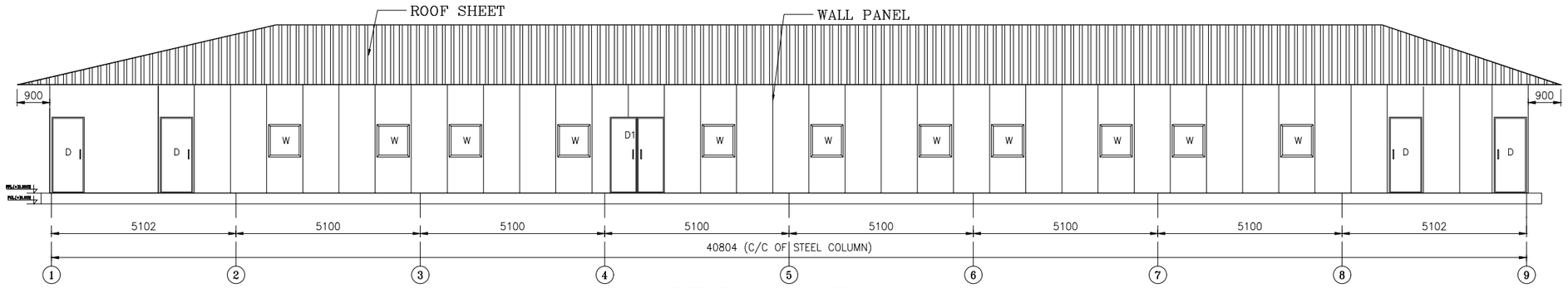
COLUMN FIXING DETAIL



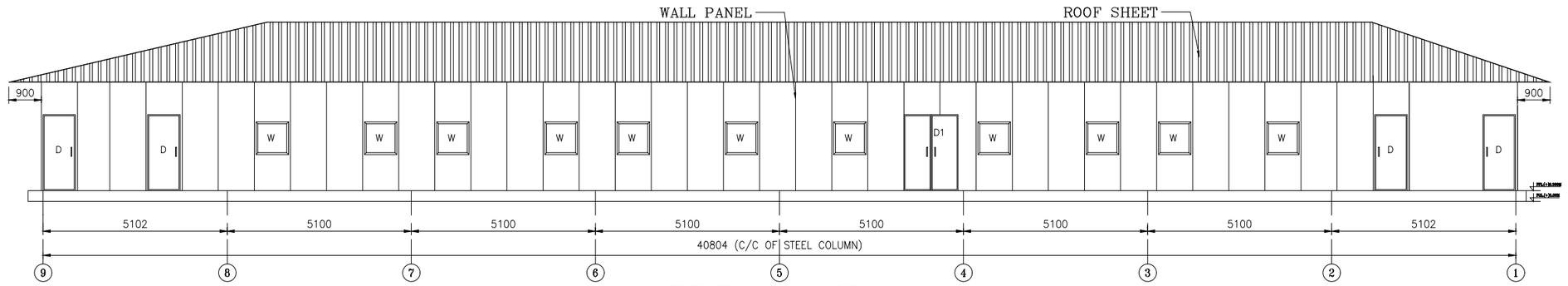
COLUMN RAFTER CONNECTION DETAIL

OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG-II (New) PS
DRAWING TITLE	TYP. DETAIL
NT-20-07-DOC-001	
DRAWN	CHECKED : AS / SCALE : AS SHOWN / METHOD OF PROJECTION 1 1
DRAWING NO.	CC/ENGG/GADAG-II/SS-08T/ LABOUR HUT
SHEET	07 OF 08
REV.	00

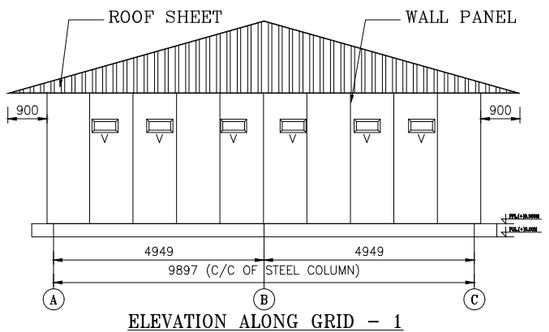
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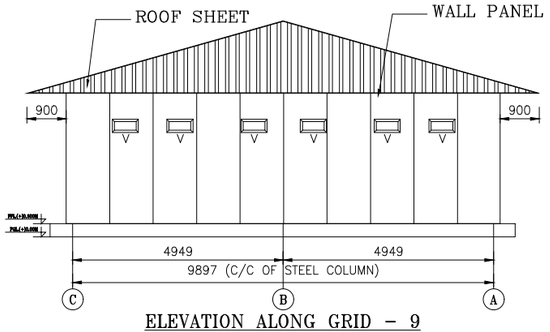
ELEVATION ALONG GRID – A



ELEVATION ALONG GRID – C



ELEVATION ALONG GRID – 1



ELEVATION ALONG GRID – 9

NOTES FOR STRUCTURAL STEEL WORK:–

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NOTE:–
ALL MATERIALS AND FINISHING SHALL BE AS PER TS

NOTE:– 0.5mm G.I sheet panel with 75mm Thk thermocole /Glasswool insulation 12kg/m3 shall be painted with weather proof texture paint outside and oil bond distemper inside

OWNER	Power Grid Corporation of india limited
PROJECT NAME	Prefab shelter for Labour Hut AT 400/220 kV GADAG–II (New) PS
DRAWING TITLE	ELEVATIONS
HT-20-07-DOC-001	
DRAWN	CHECKED : AS
SCALE : AS SHOWN	1 METHOD OF PROJECTION 1
DRAWING NO.	CC/ENGG/GADAG–II/SS–08T/ LABOUR HUT
SHEET	08 OF 08
REV.	00