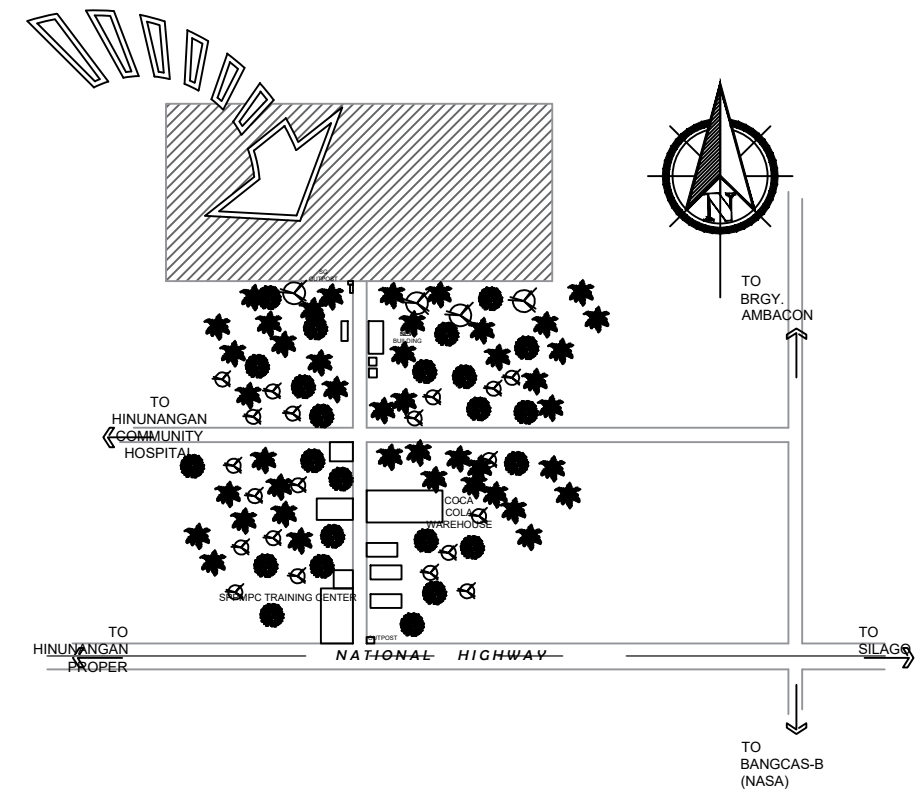




PERSPECTIVE

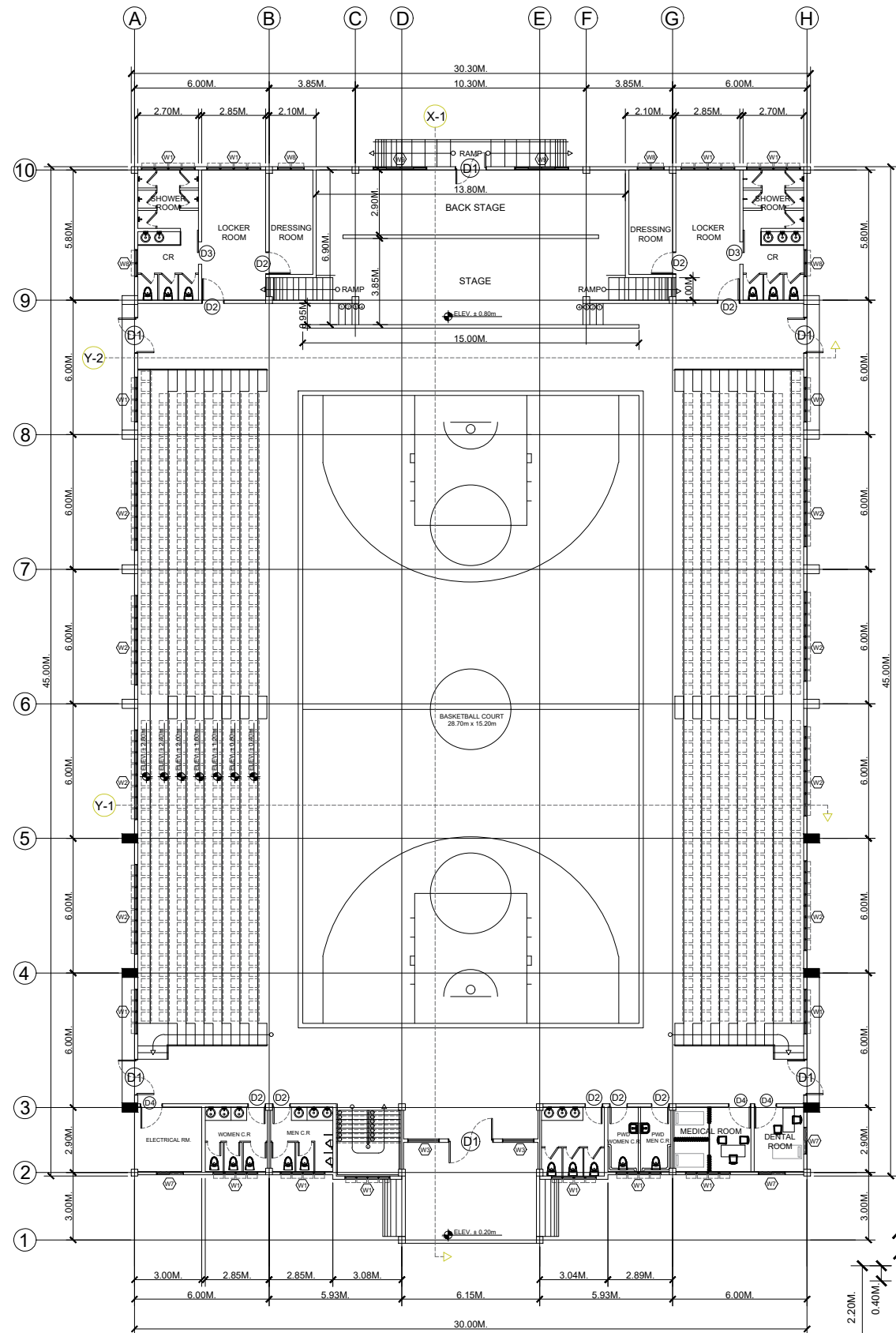
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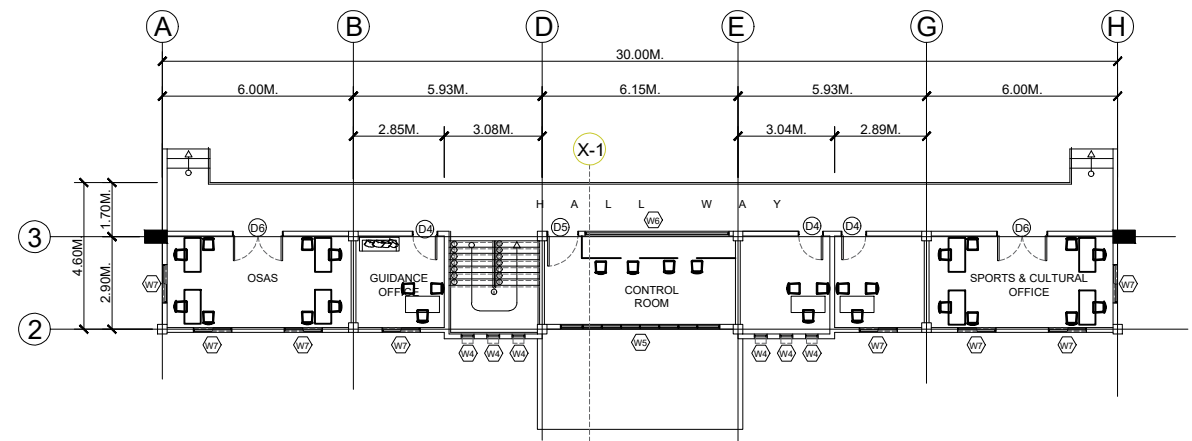
VICINITY MAP



PREPARED :  AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED :  ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL:  ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED :  PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - PERSPECTIVE - VICINITY MAP	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> A <div style="display: flex; justify-content: space-between; width: 100%;"> 1 5 </div> </div> </div>
							PAGE NO. 1

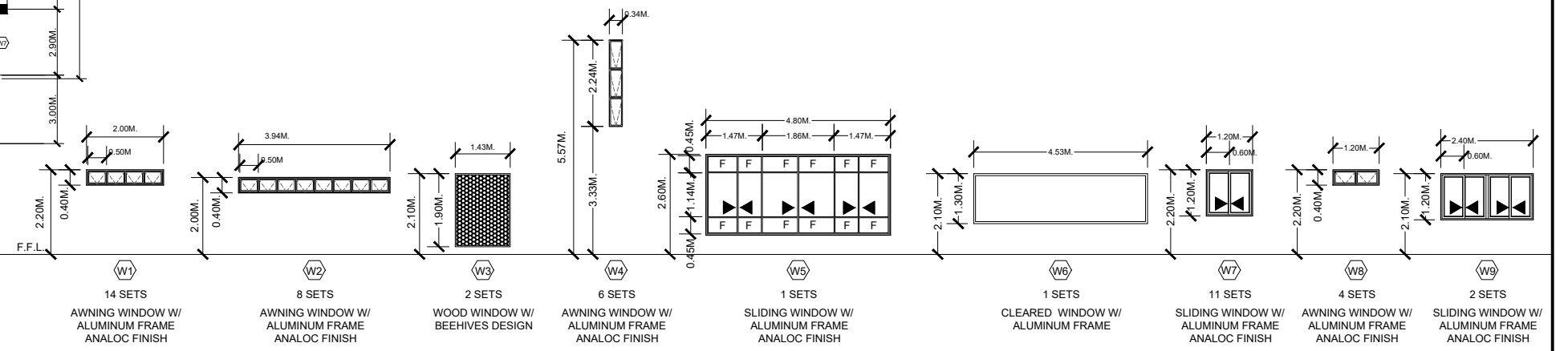
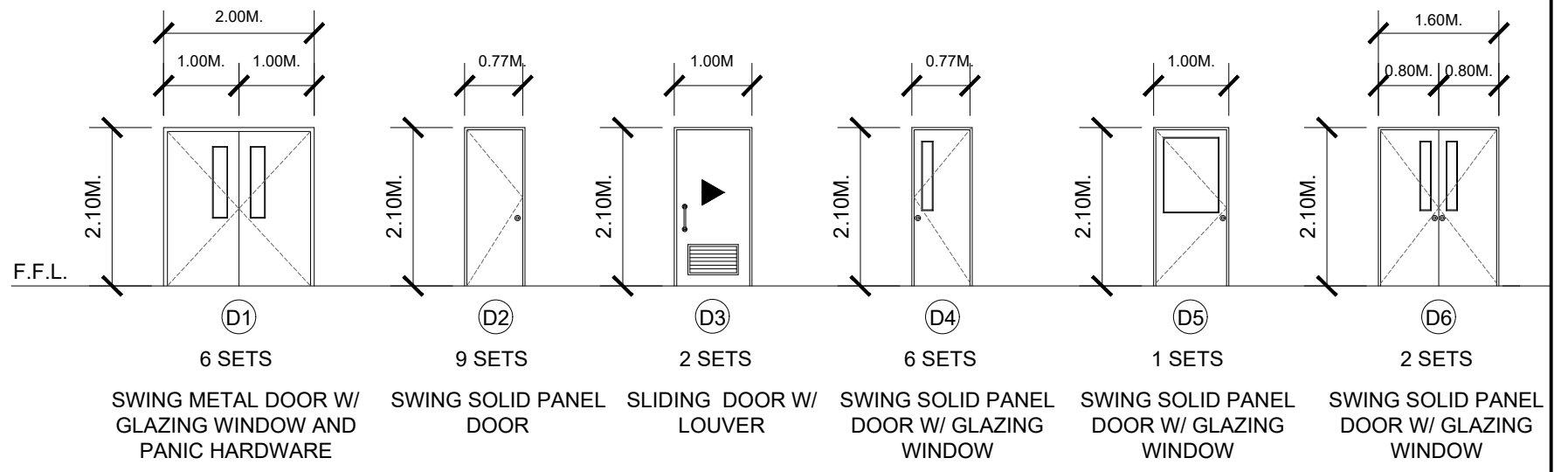




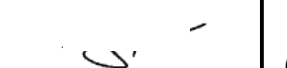



A FLOOR PLAN
110 SCALE 1:100m



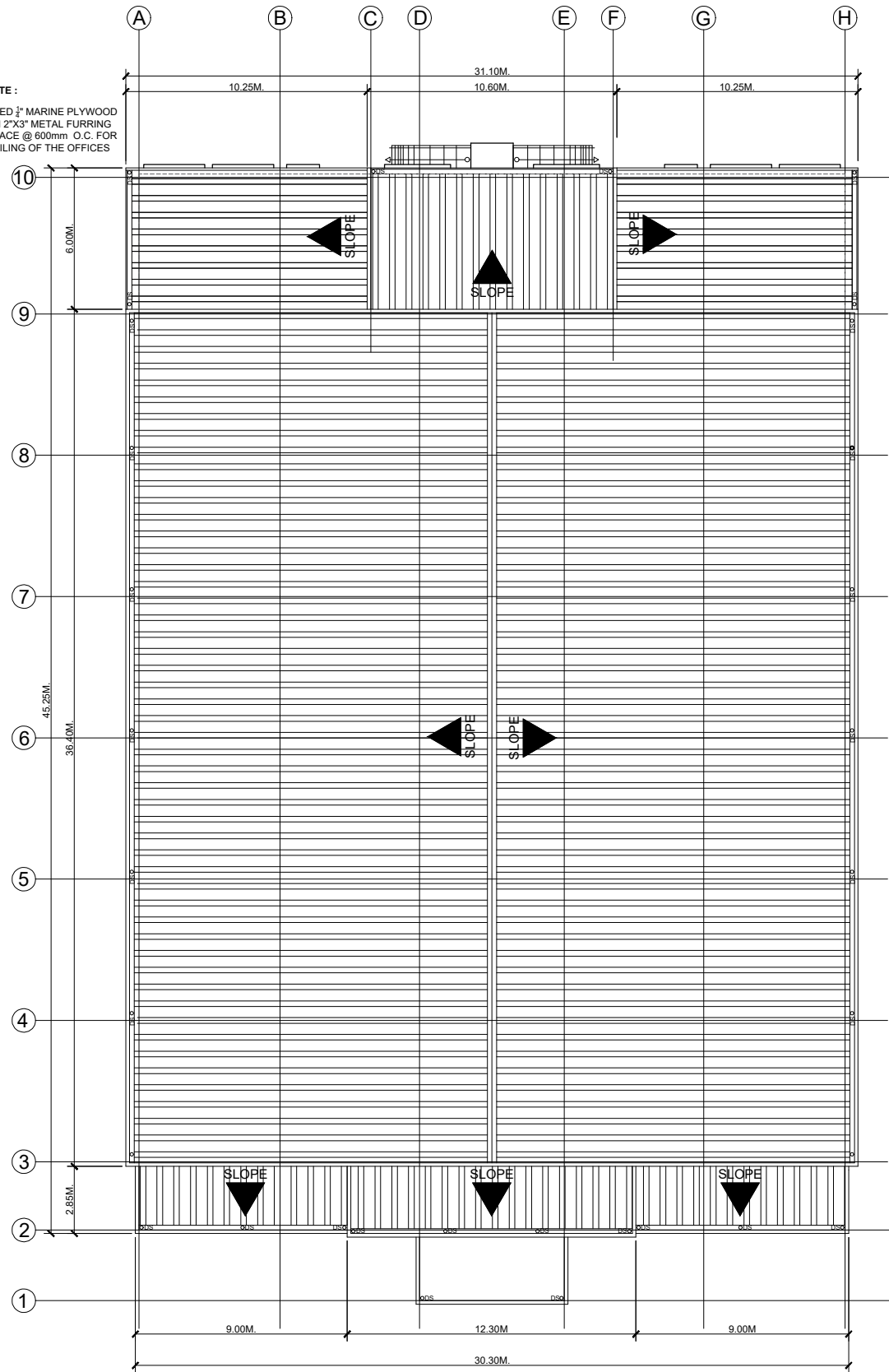
A SECOND FLOOR PLAN
210 SCALE 1:100m

SCHEDULE OF DOORS AND WINDOWS

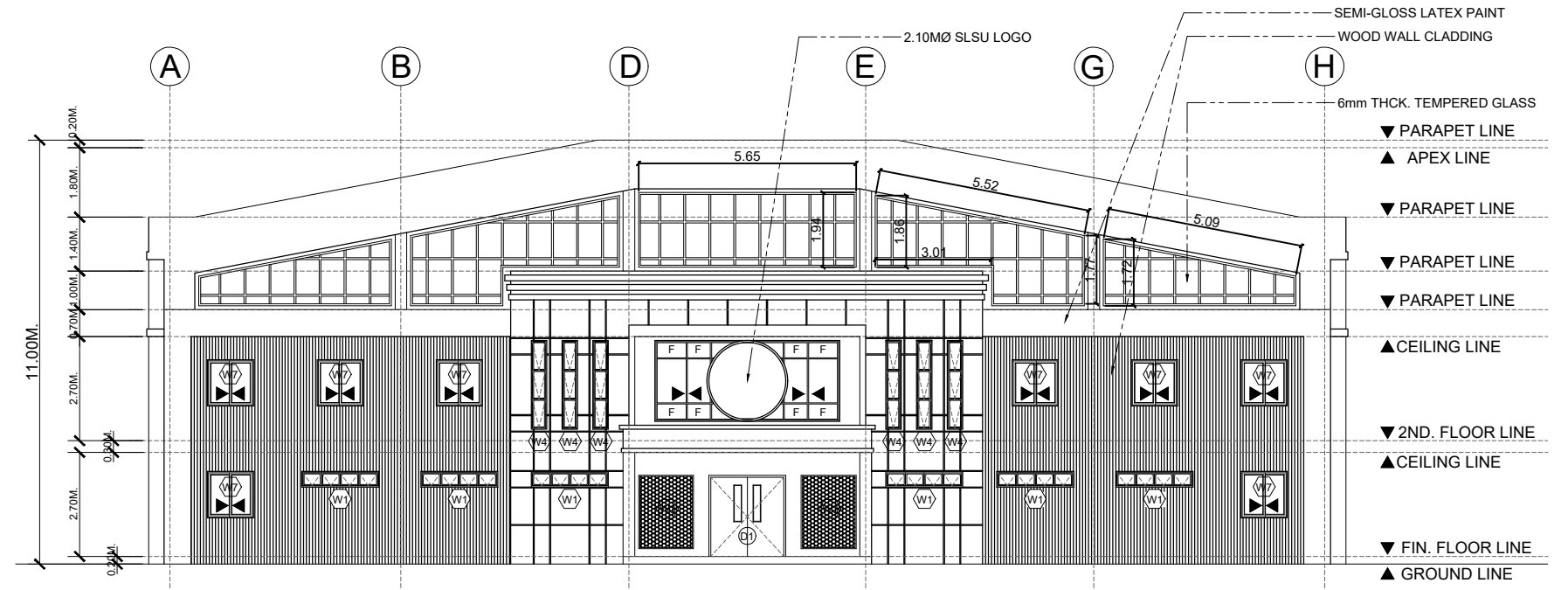


	PREPARED :	REVIEWED :	PROJECT PROPOSED:	RECOMMENDING APPROVAL:	APPROVED :	SHEET CONTENTS:	SHEET NUMBER:
	 AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	 ENGR. NOEL S. BUGAIS PPDMO	COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	 ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	 PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	- FLOOR PLAN - SECOND FLOOR PLAN - SCHEDULE OF DOORS AND WINDOW

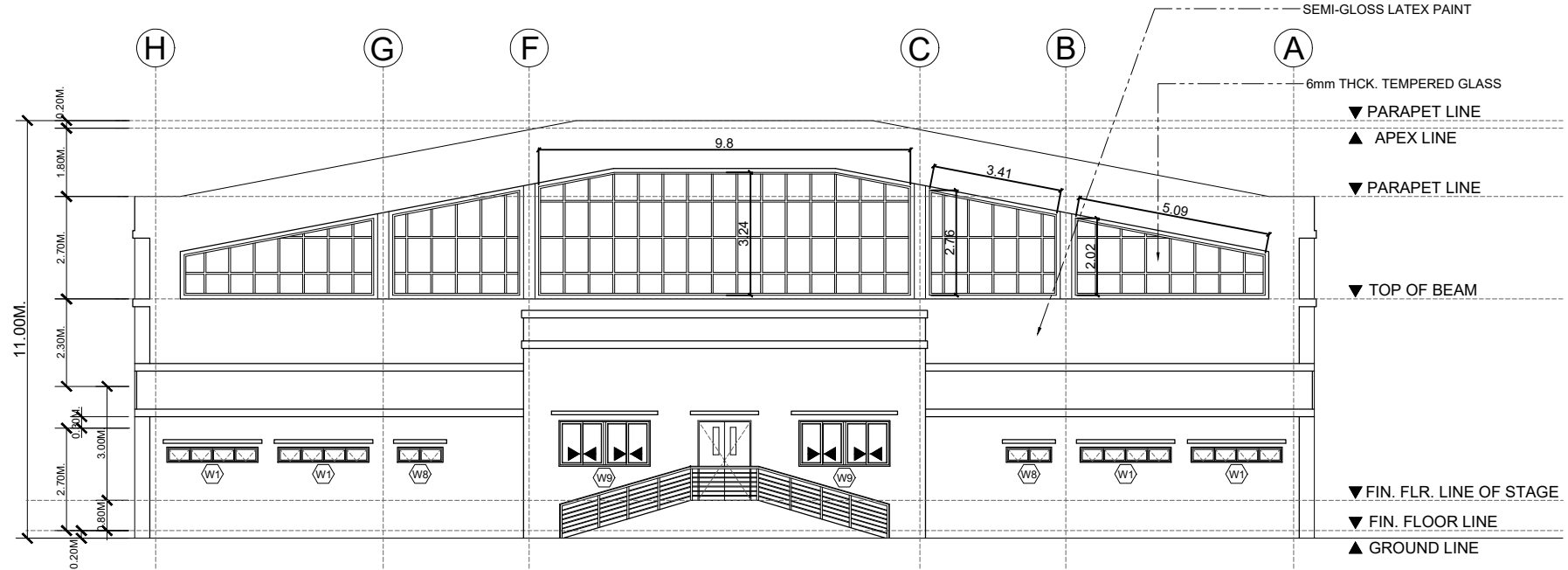
NOTE :
USED 1/2" MARINE PLYWOOD
ON 2"x3" METAL FURRING
SPACE @ 600mm O.C. FOR
CEILING OF THE OFFICES



A ROOF PLAN
3/10 SCALE 1:100m



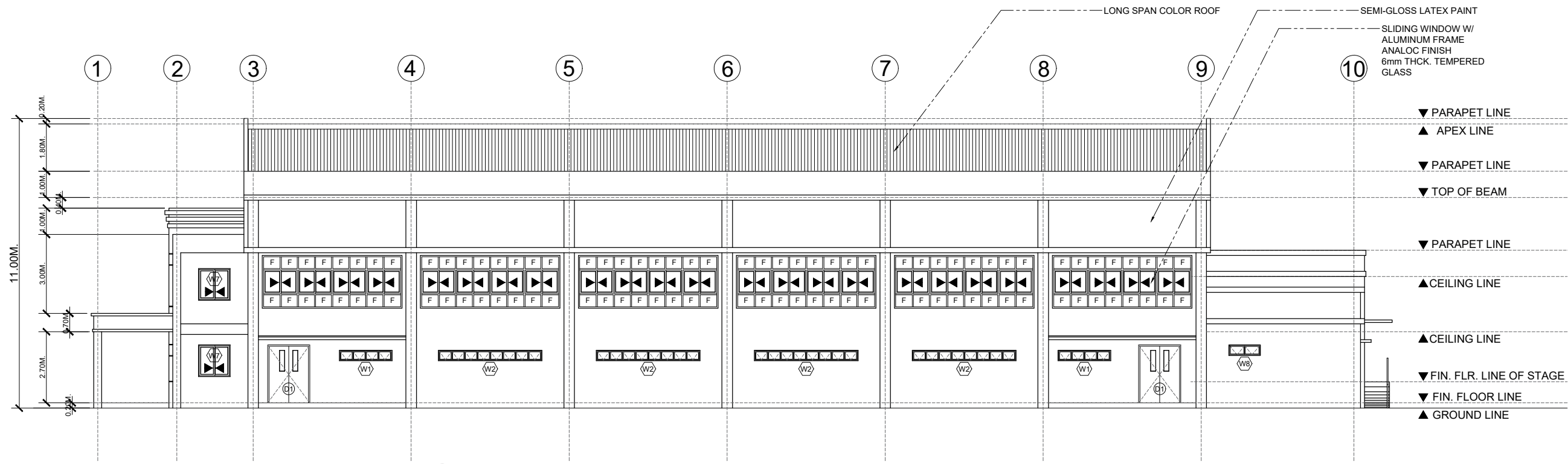
A FRONT ELEVATION PLAN
4/10 SCALE 1:100m



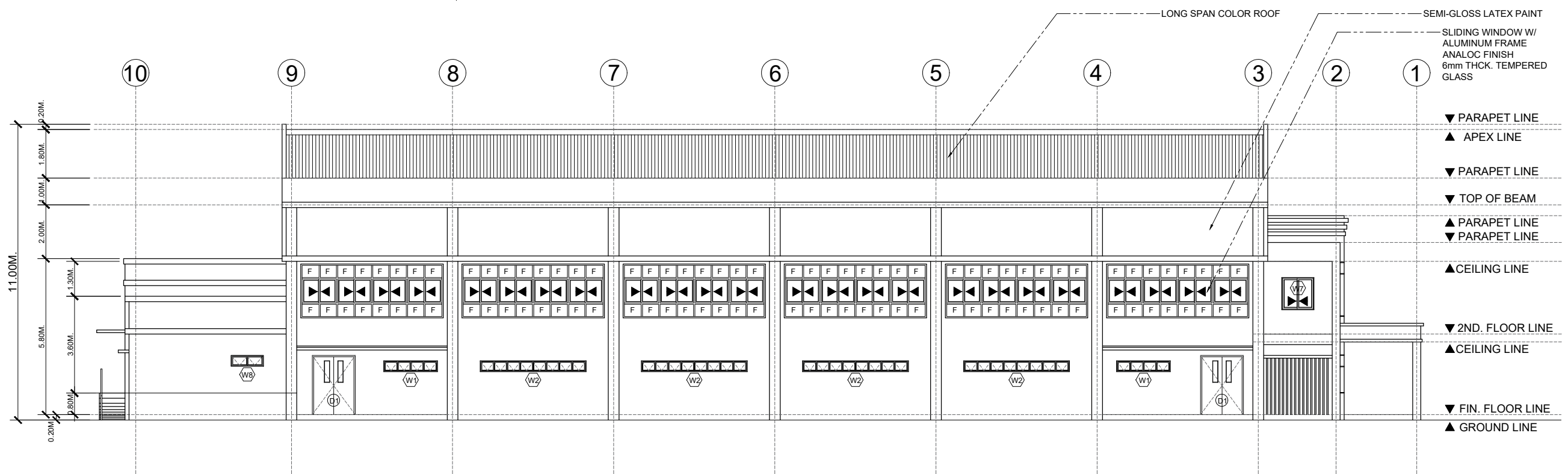
A REAR ELEVATION PLAN
5/10 SCALE 1:100m



PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - ROOF PLAN - FRONT ELEVATION PLAN - REAR ELEVATION PLAN	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">A</div> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">3</div> <div style="font-size: 24px; font-weight: bold; margin-left: 5px;">5</div> </div> PAGE NO. 3
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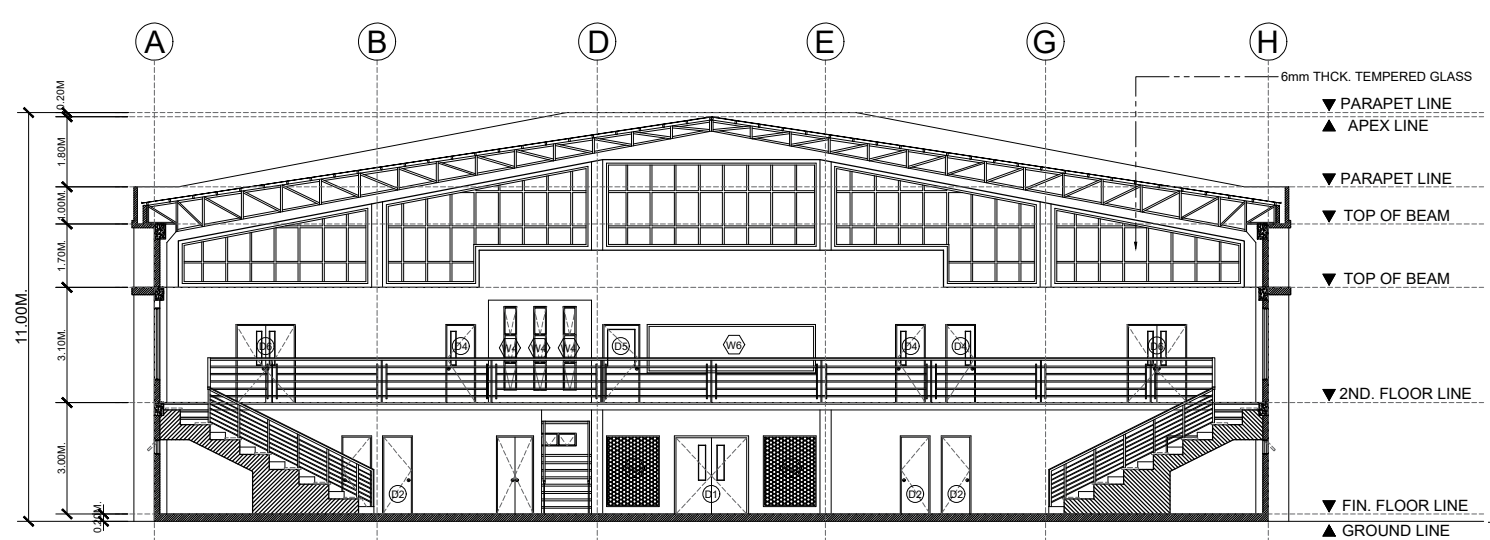
A RIGHT SIDE ELEVATION PLAN
 6/10 SCALE 1:100m



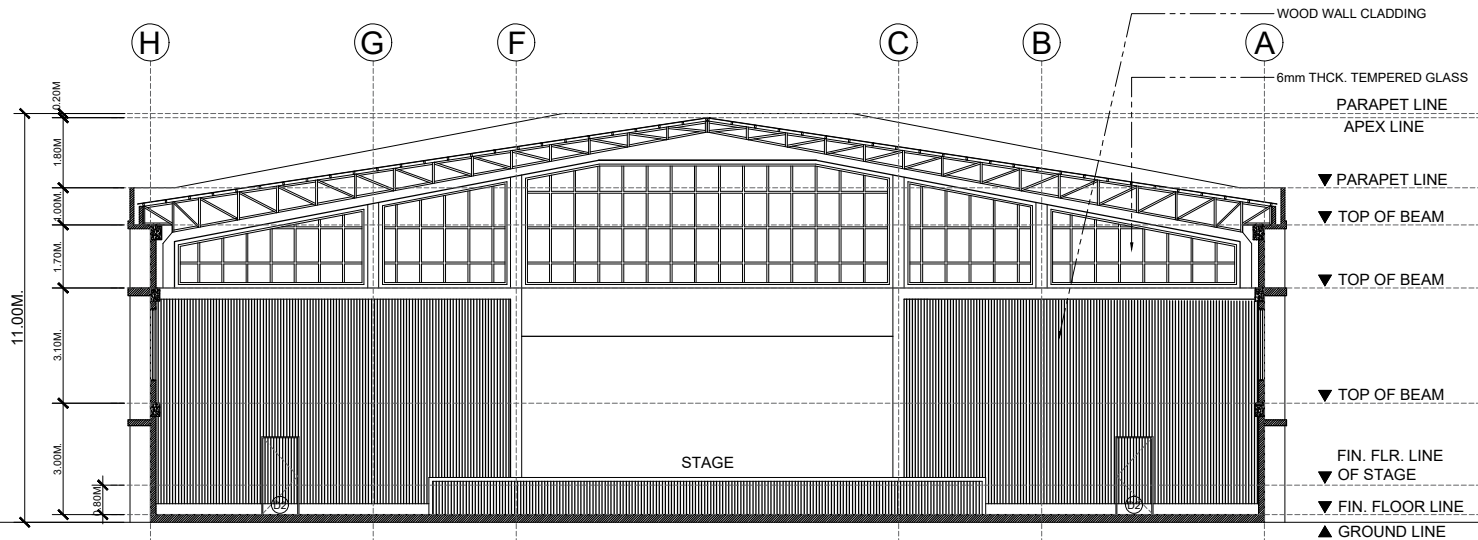
A LEFT SIDE ELEVATION PLAN
 7/10 SCALE 1:100m



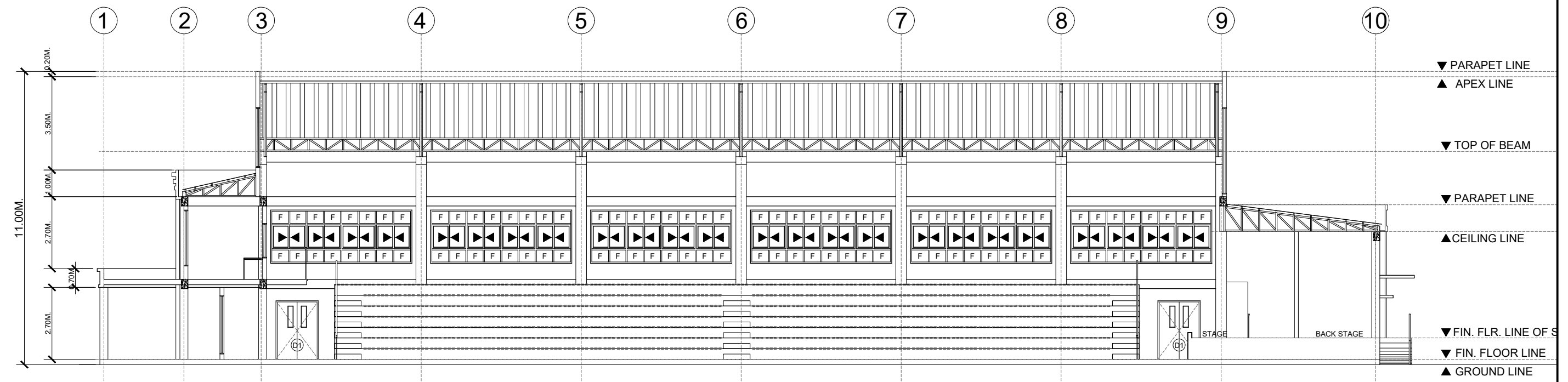
PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - RIGHT SIDE ELEVATION PLAN - LEFT SIDE ELEVATION PLAN	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;">A</div> <div style="margin: 0 5px;">4</div> <div style="margin: 0 5px;">5</div> </div> PAGE NO. 4
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A CROSS SECTION PLAN (Y-1)
8/10 SCALE 1:100m



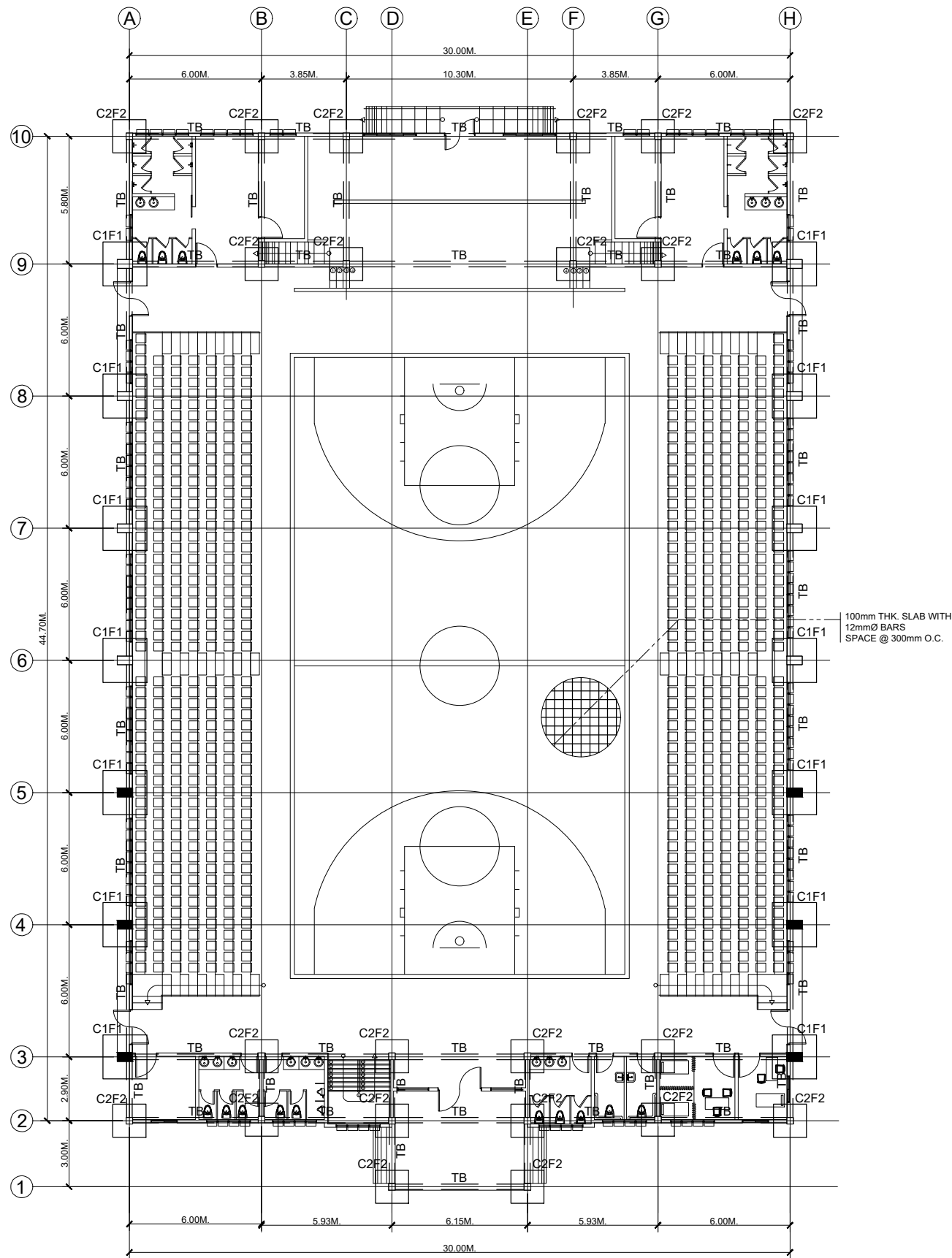
A CROSS SECTION PLAN (Y-2)
9/10 SCALE 1:100m



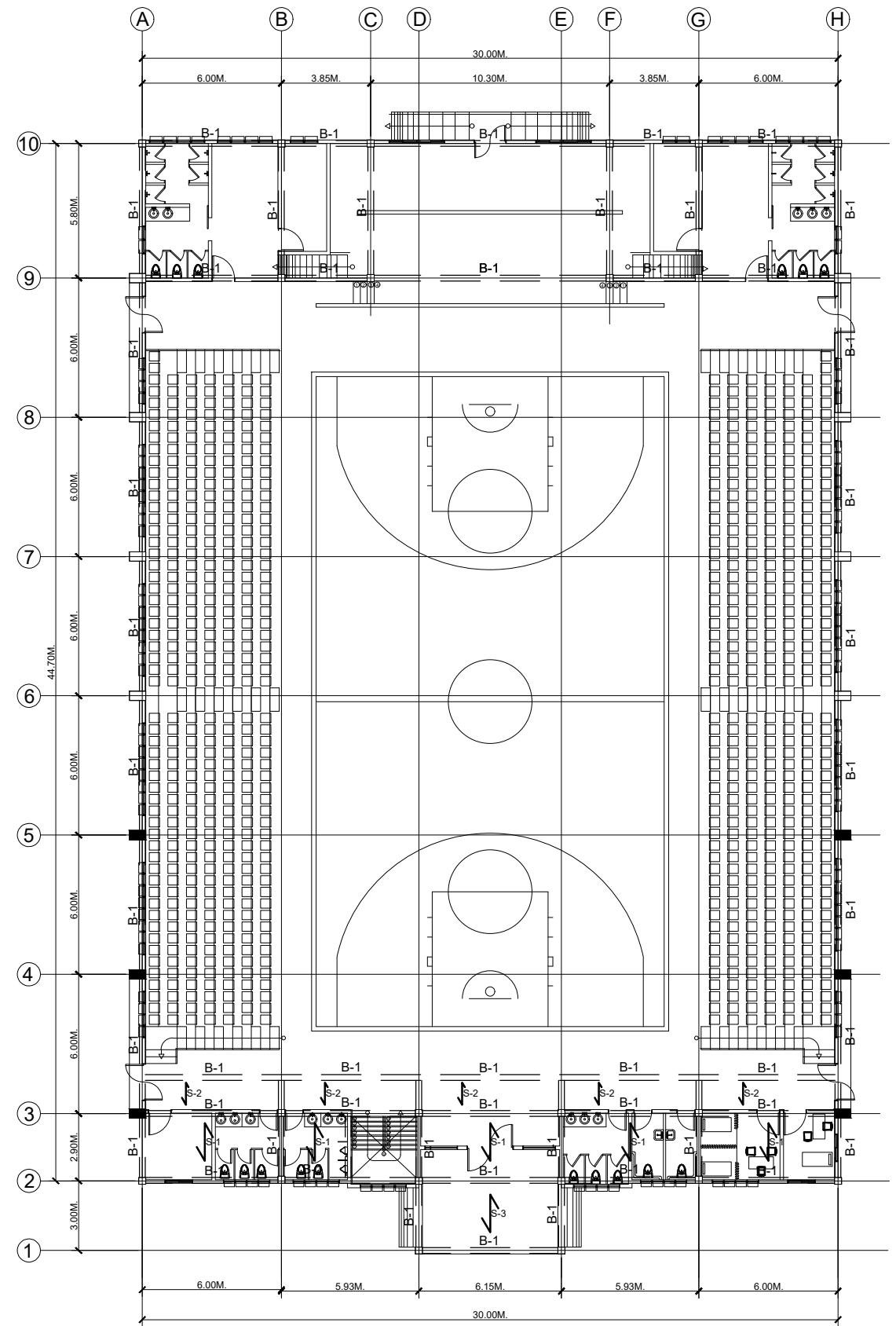
A LONGITUDINAL SECTION PLAN
10/10 SCALE 1:100m



PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - CROSS SECTION Y-1 - CROSS SECTION Y-2 - LONGITUDINAL SECTION PLAN	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">A</div> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">5</div> <div style="font-size: 24px; font-weight: bold; margin-left: 5px;">5</div> </div> PAGE NO. 5
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S FOUNDATION PLAN
1/4 SCALE 1:100m



S BEAM PLAN
2/4 SCALE 1:100m



PREPARED :
AR. CHRIS JIRAH E. MOLITA, uap
ARCHITECT

REVIEWED :
ENGR. NOEL S. BUGAIS
PPDMO

PROJECT PROPOSED:
COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER
(COMPLETION OF STUDENT DEVELOPMENT CENTER)
LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE

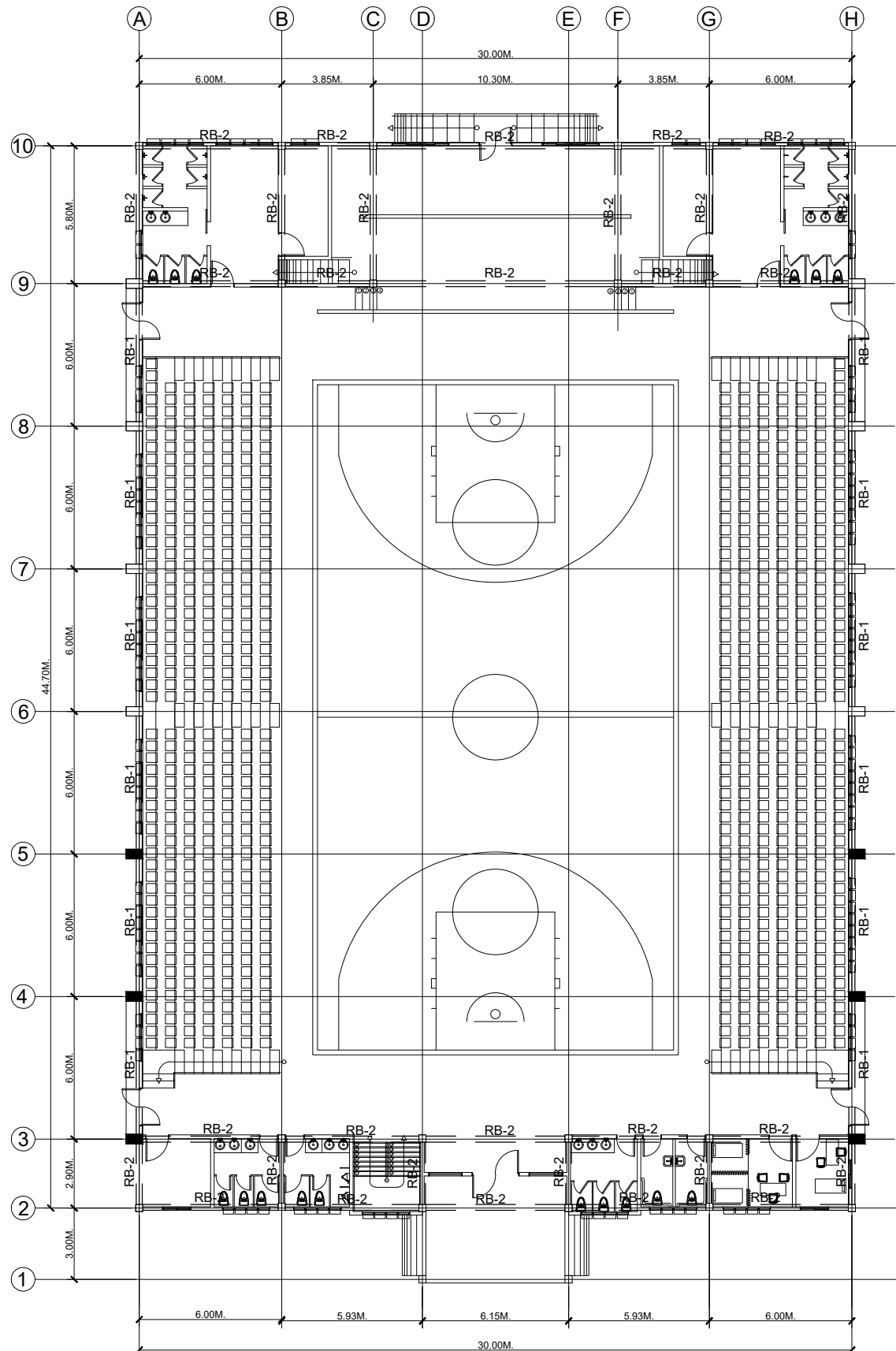
RECOMMENDING APPROVAL:
ENGR. MONDANI R. MANUN-OG
PLANNING AND DEVELOPMENT OFFICER

WADE C. LIM, MPM-LGD
CAMPUS DIRECTOR

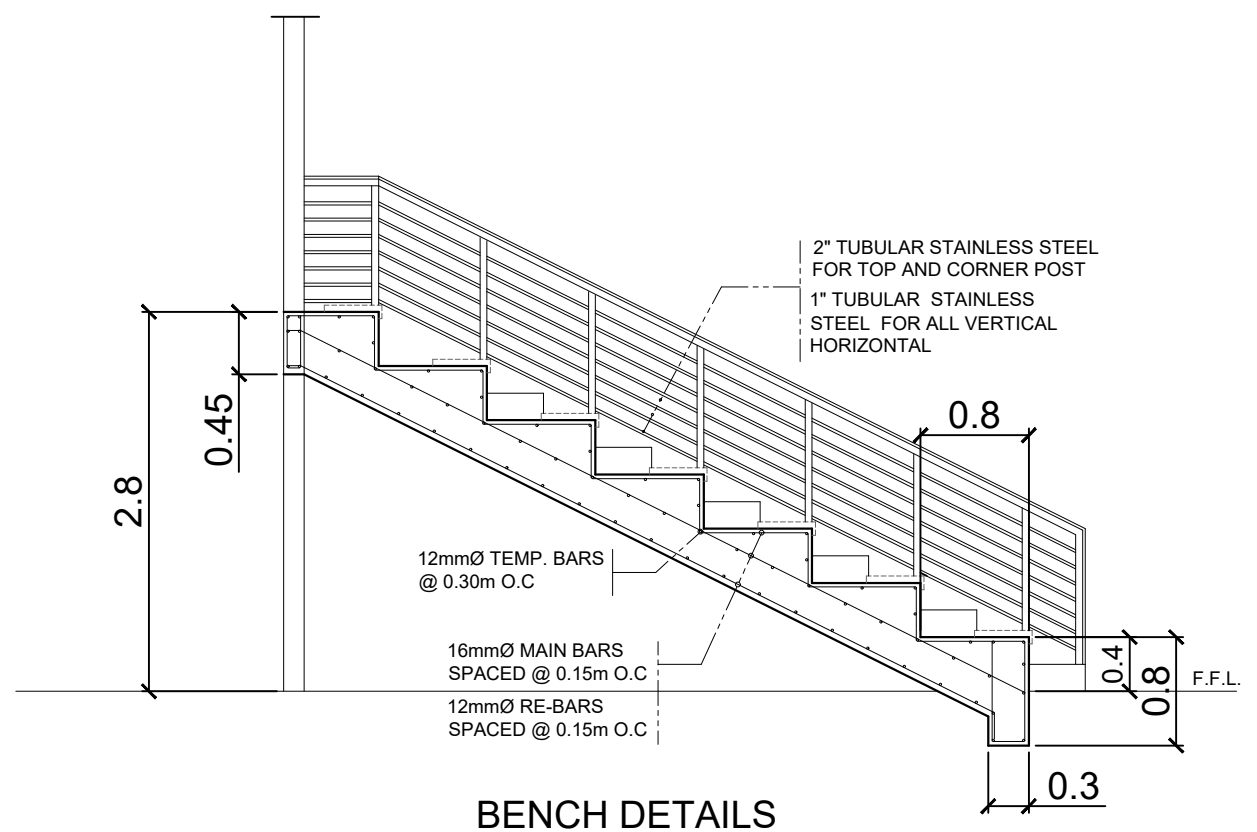
APPROVED :
PROSE IVY G. YEPES Ed.D
UNIVERSITY - PRESIDENT

SHEET CONTENTS:
- FOUNDATION PLAN
- BEAM PLAN

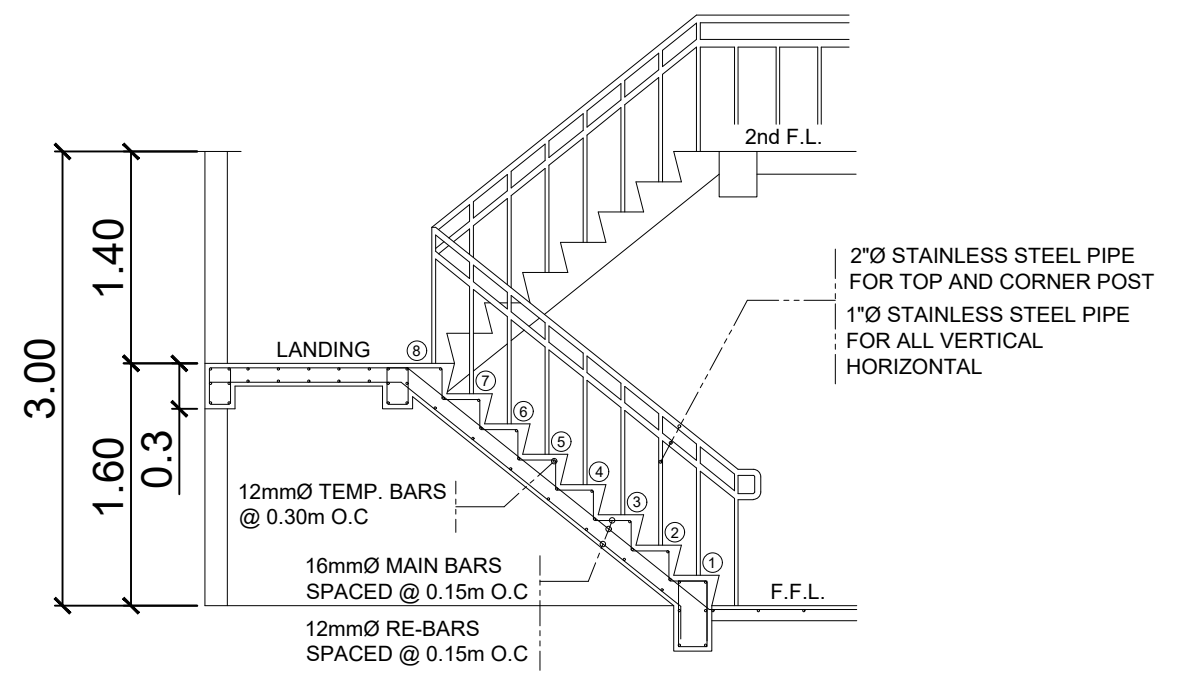
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S 1/4
PAGE NO. **6**



S ROOF BEAM PLAN
 3 4 SCALE 1:100m



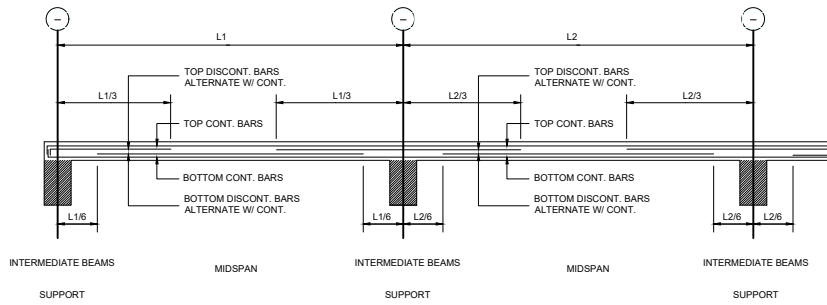
BENCH DETAILS



STAIR DETAILS

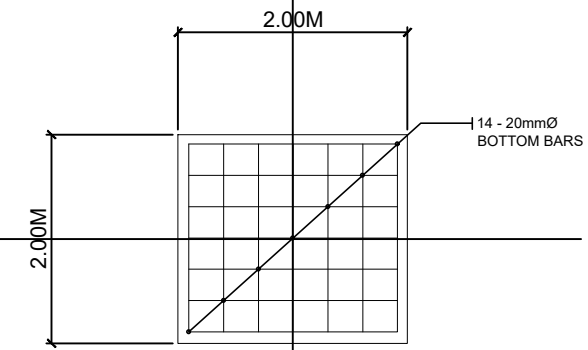
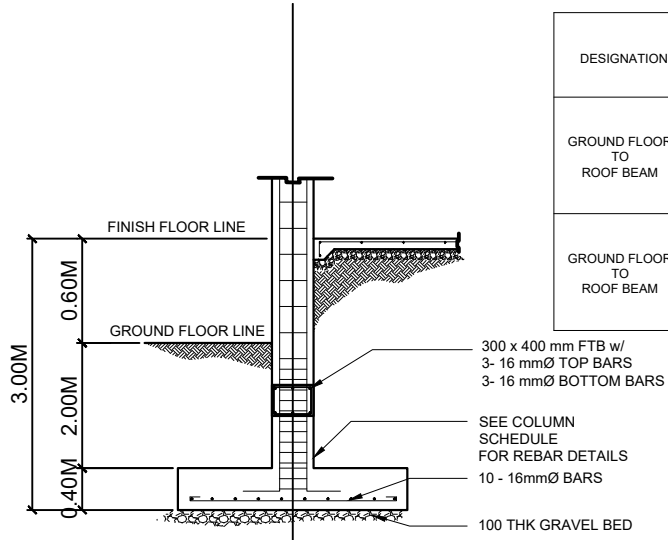


PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - ROOF BEAM - BENCH DETAILS - STAIR DETAILS	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> S <div style="display: flex; justify-content: space-around; width: 100%;"> 2 4 </div> </div> </div> PAGE NO. 7
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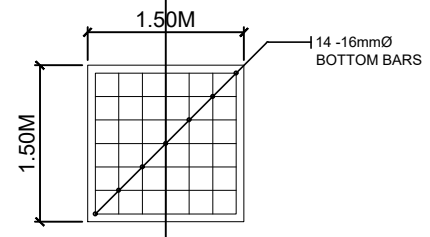


DESIGNATION	SLAB MARK	BAR DIAMETER (mm)	SLAB THICKNESS (mm)	SPACE (mm)
ONE WAY SLAB	S-1	12	150	250
ONE WAY SLAB	S-2	12	150	250
ONE WAY SLAB	S-3	12	150	250

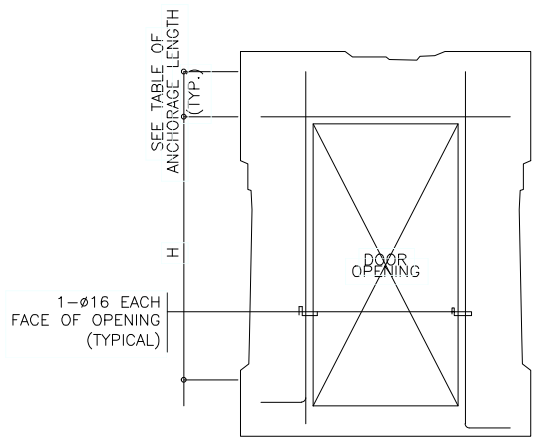
DESIGNATION	COLUMN MARK	COLUMN DIMENSION		REBAR ARRANGEMENT	REINFORCEMENT DETAILS	
		B (mm)	D (mm)		LONG'L	LAT'L
GROUND FLOOR TO ROOF BEAM	C1	400	700		12 - Ø20 LONG'L BARS	Ø10 LATERAL TIES SPACED @ 1-50, 5 - 100, AND REST @ 150 o.c.
GROUND FLOOR TO ROOF BEAM	C2	300	300		8 - Ø20 LONG'L BARS	Ø10 LATERAL TIES SPACED @ 1-50, 10 - 100, AND REST @ 150 o.c.



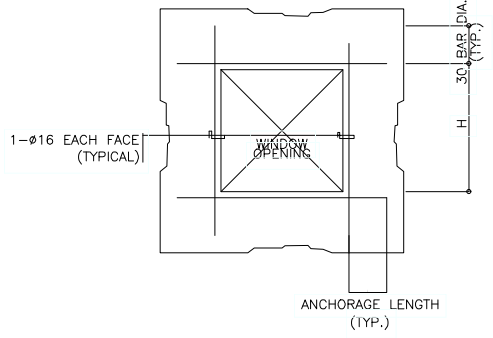
FOOTING DETAIL (F1)



FOOTING DETAIL (F2)

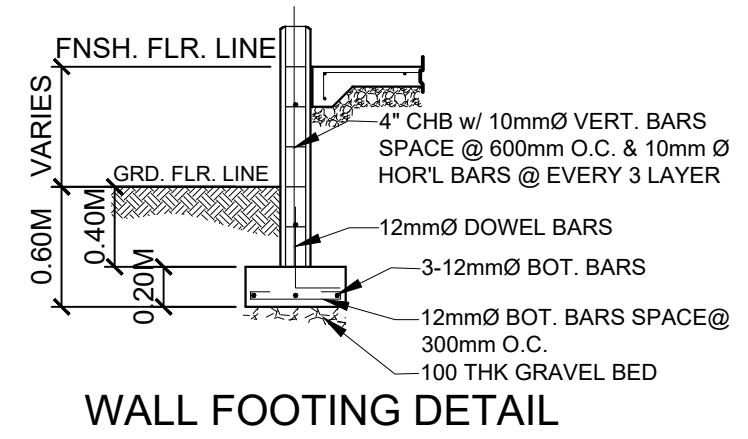
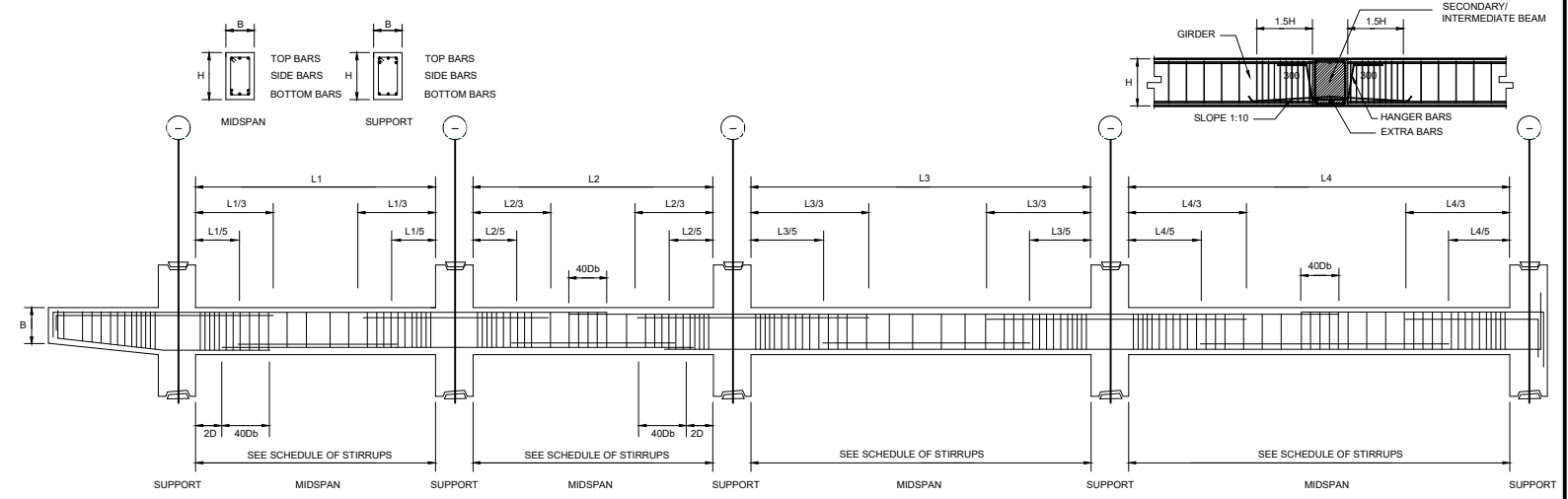


DOOR OPENING DETAIL

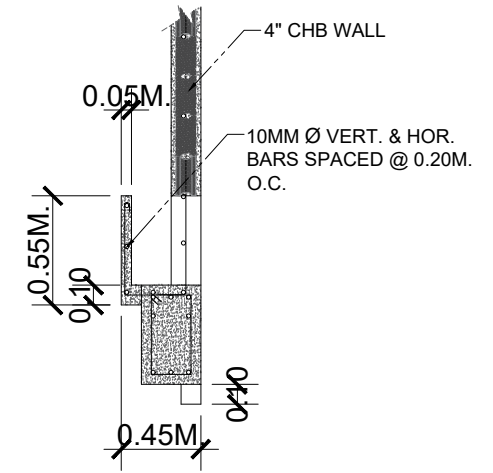


WINDOW OPENING DETAIL

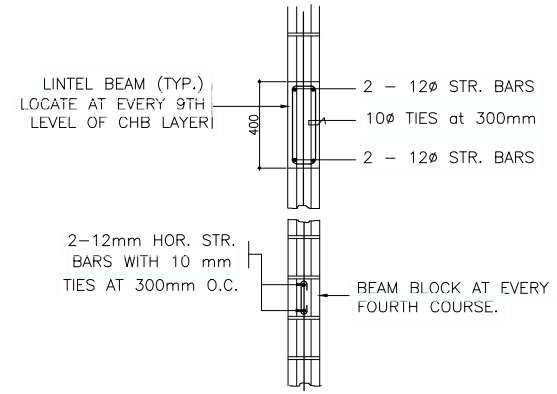
	DIMENSIONS		MAIN BAR DIAMETER (mm)	SIDE BAR DIAMETER (mm)	REINFORCEMENT DETAILS						
	B (mm)	H (mm)			AT SUPPORT			AT MIDSPAN			STIRRUPS
					TOP BARS	SIDE BARS	BOT BARS	TOP BARS	SIDE BARS	BOT BARS	
TIE BEAMS	200	300	16	16	3	0	3	3	0	3	10mmØ RSB @ 5 - 50, 5 - 100, AND REST @ 200 O.C
BEAMS	250	350	16	16	5	0	3	3	0	5	10mmØ RSB @ 5 - 50, 5 - 100, AND REST @ 250 O.C
ROOF BEAMS											
RB-1	300	400	16	16	5	0	3	3	0	5	10mmØ RSB @ 5 - 50, 5 - 100, AND REST @ 250 O.C
RB-2	250	350	16	16	5	0	3	3	0	5	10mmØ RSB @ 5 - 50, 5 - 100, AND REST @ 250 O.C



WALL FOOTING DETAIL



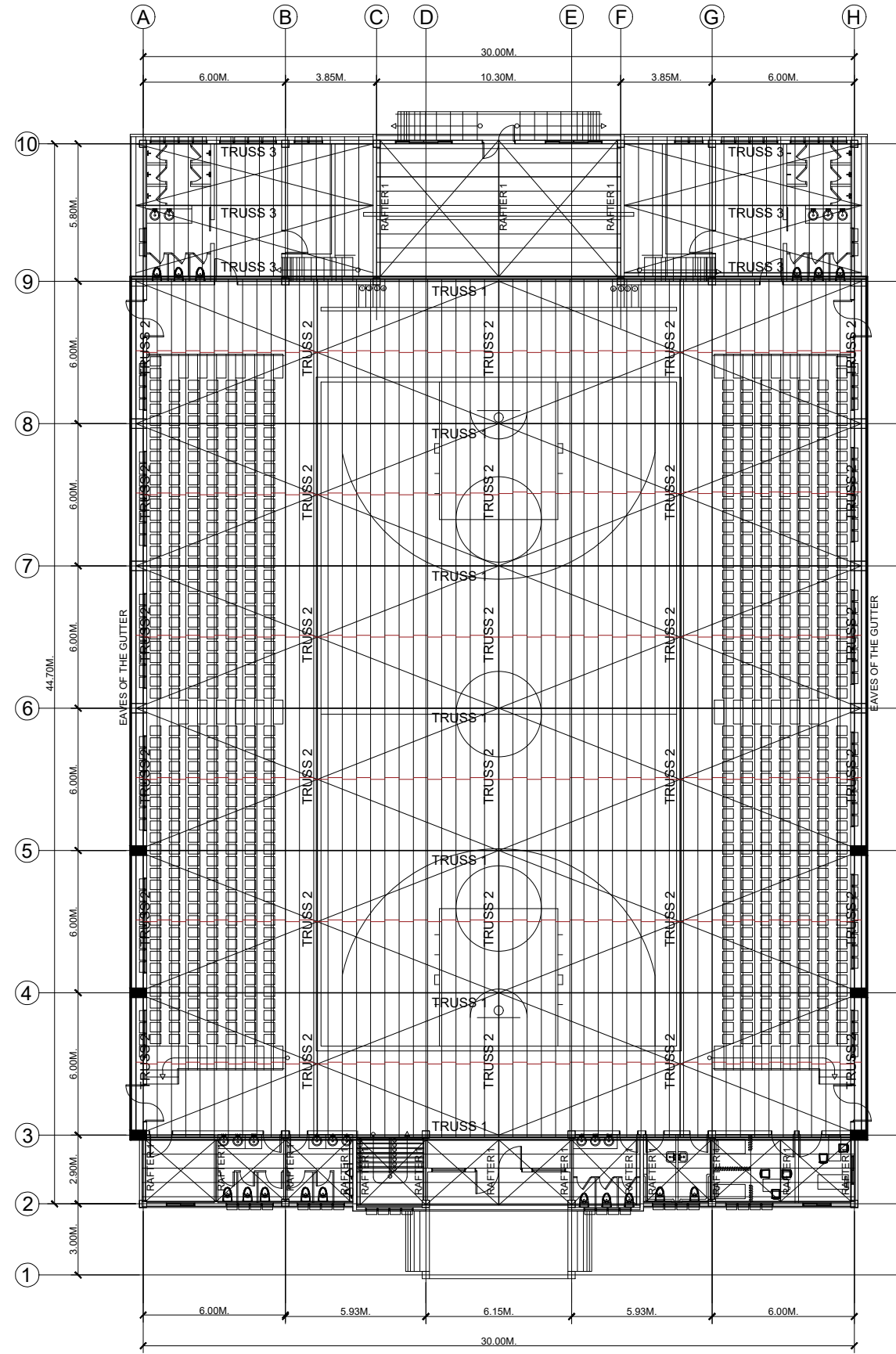
CONCRETE GUTTER DETAIL



DET. OF BLOCK & LINTEL BEAM

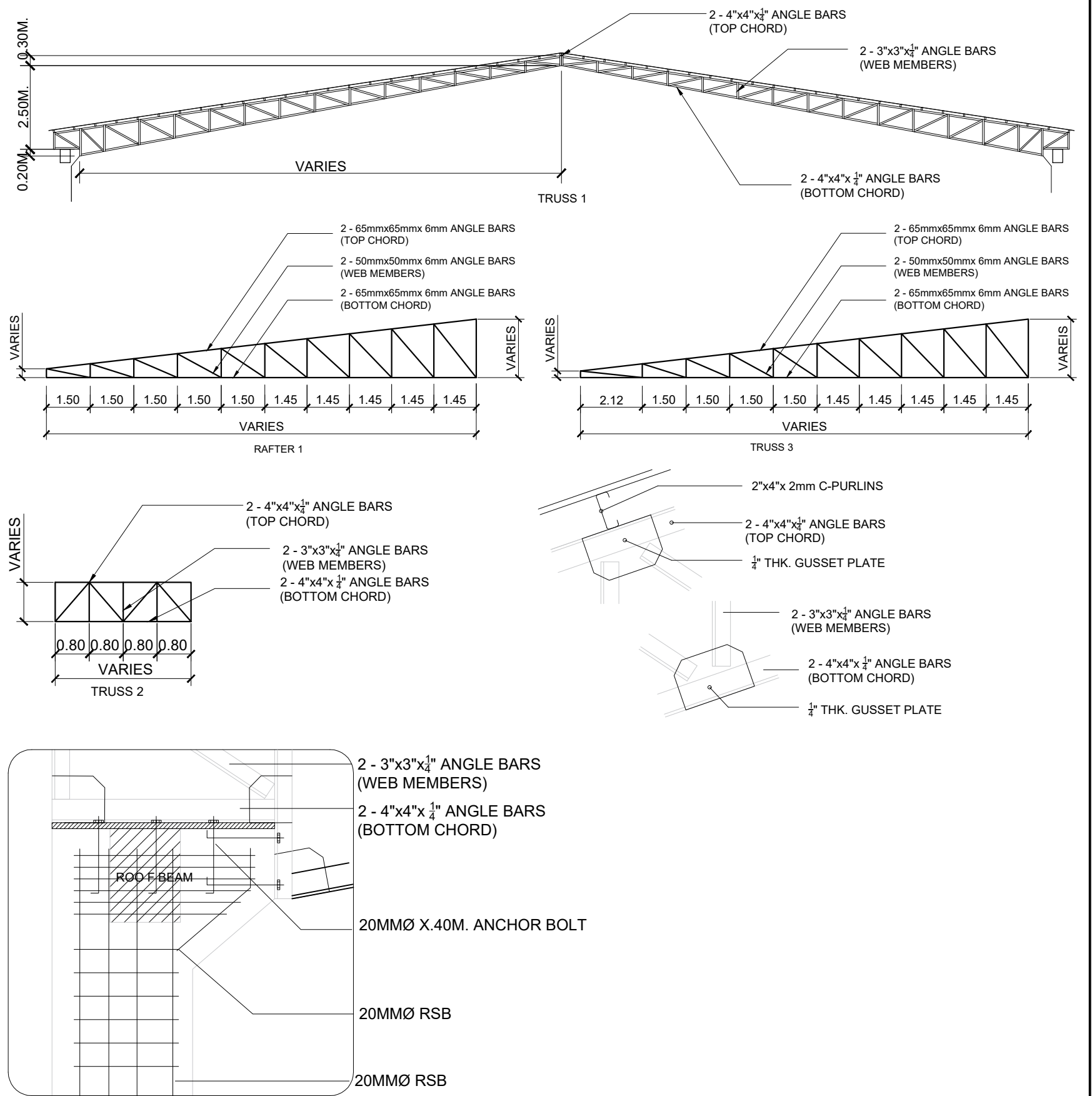


PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - SCHEDULE OF BEAM - SCHEDULE OF COLUMN	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;">S</div> <div style="margin: 0 5px;">/</div> <div style="text-align: center;">3</div> <div style="margin: 0 5px;">/</div> <div style="text-align: center;">4</div> </div>
PAGE NO. 8							

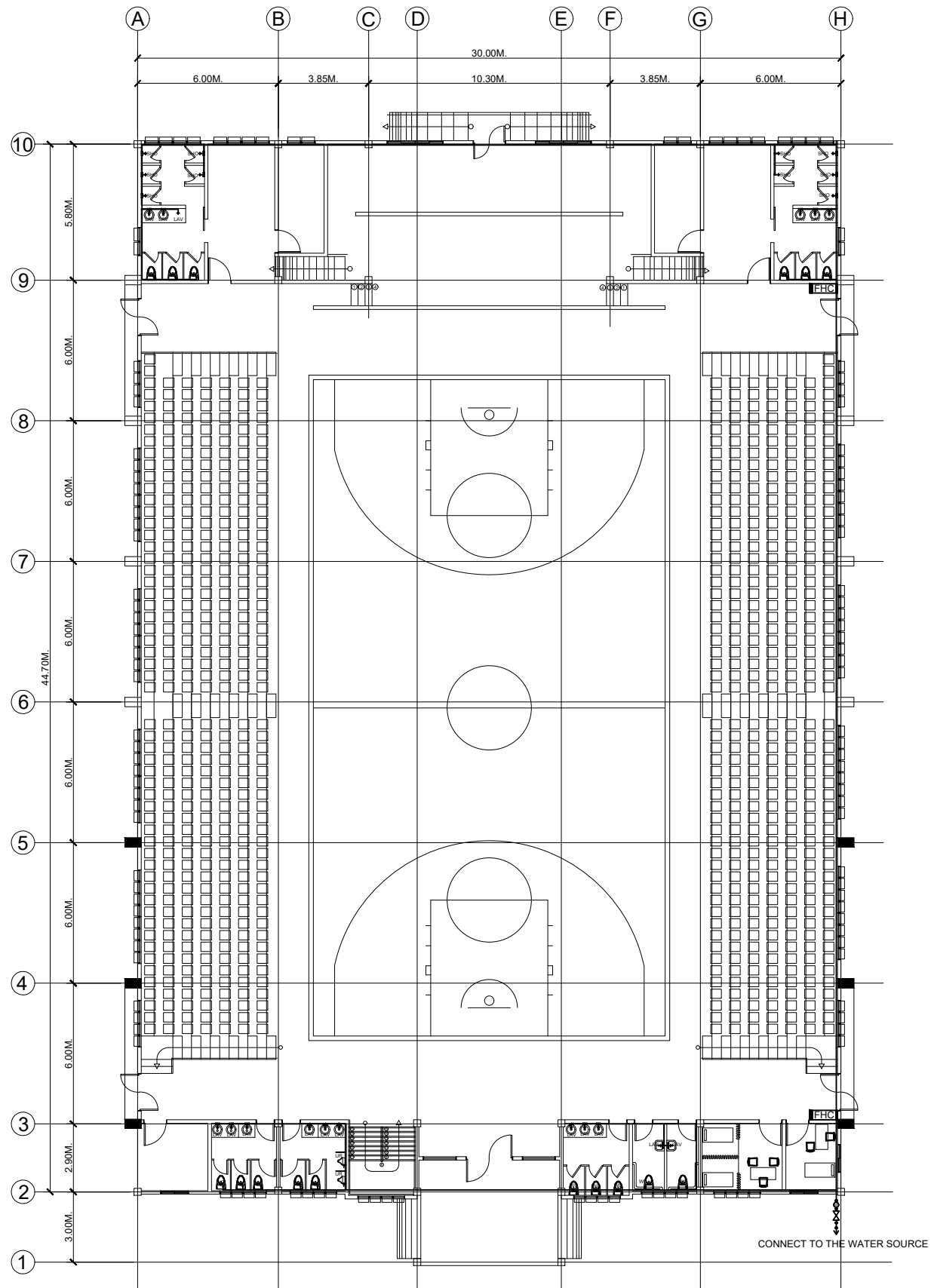


S ROOF FRAMING PLAN
4 4 SCALE 1:100m

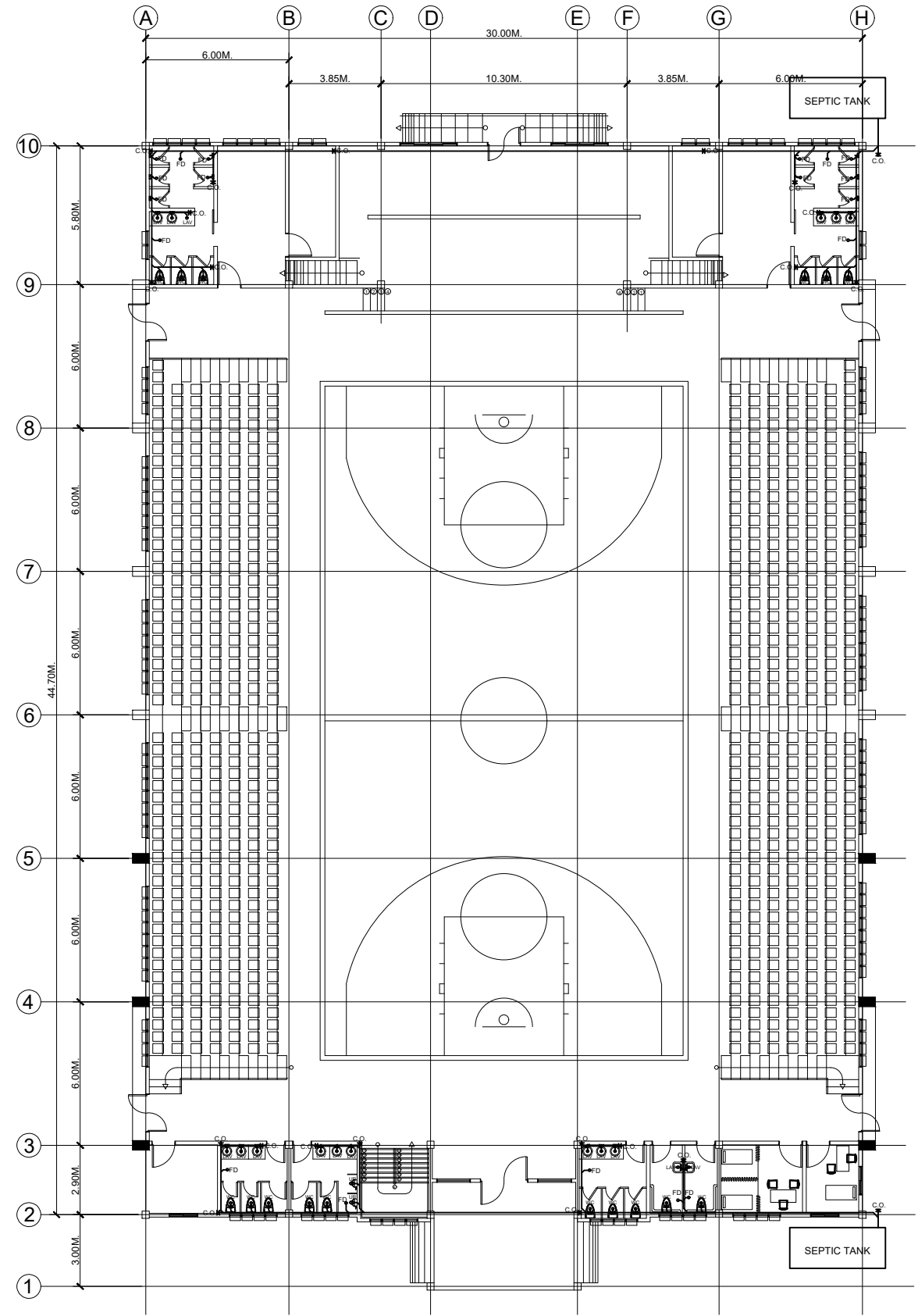
TRUSS DIAGRAM



PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - ROOF FRAMING PLAN - TRUSS DETAILED	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> S <div style="display: flex; justify-content: space-around; width: 100%;"> 4 4 </div> </div> </div> PAGE NO. 9
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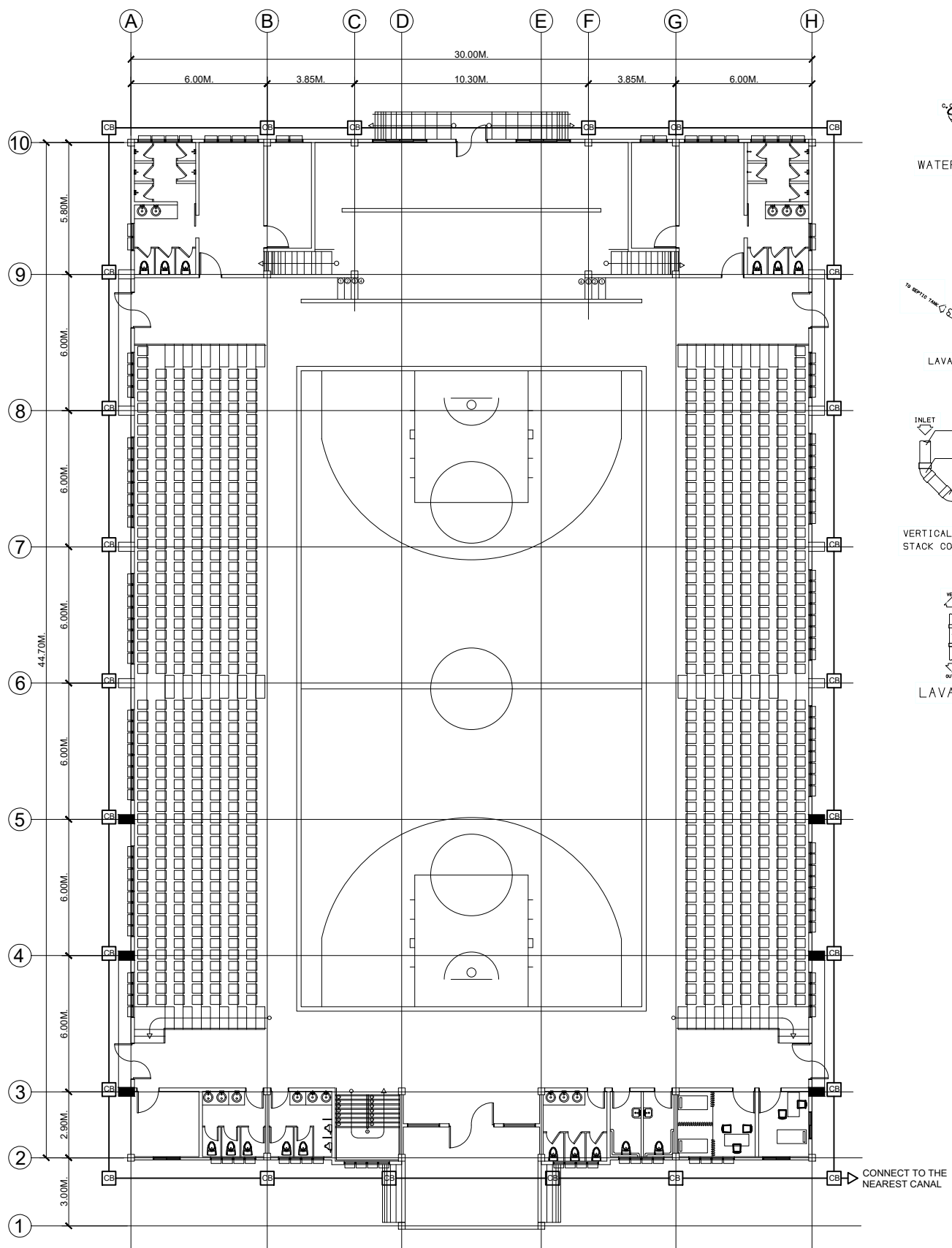
P WATER SUPPLY LAYOUT
 1 3 SCALE 1:100m



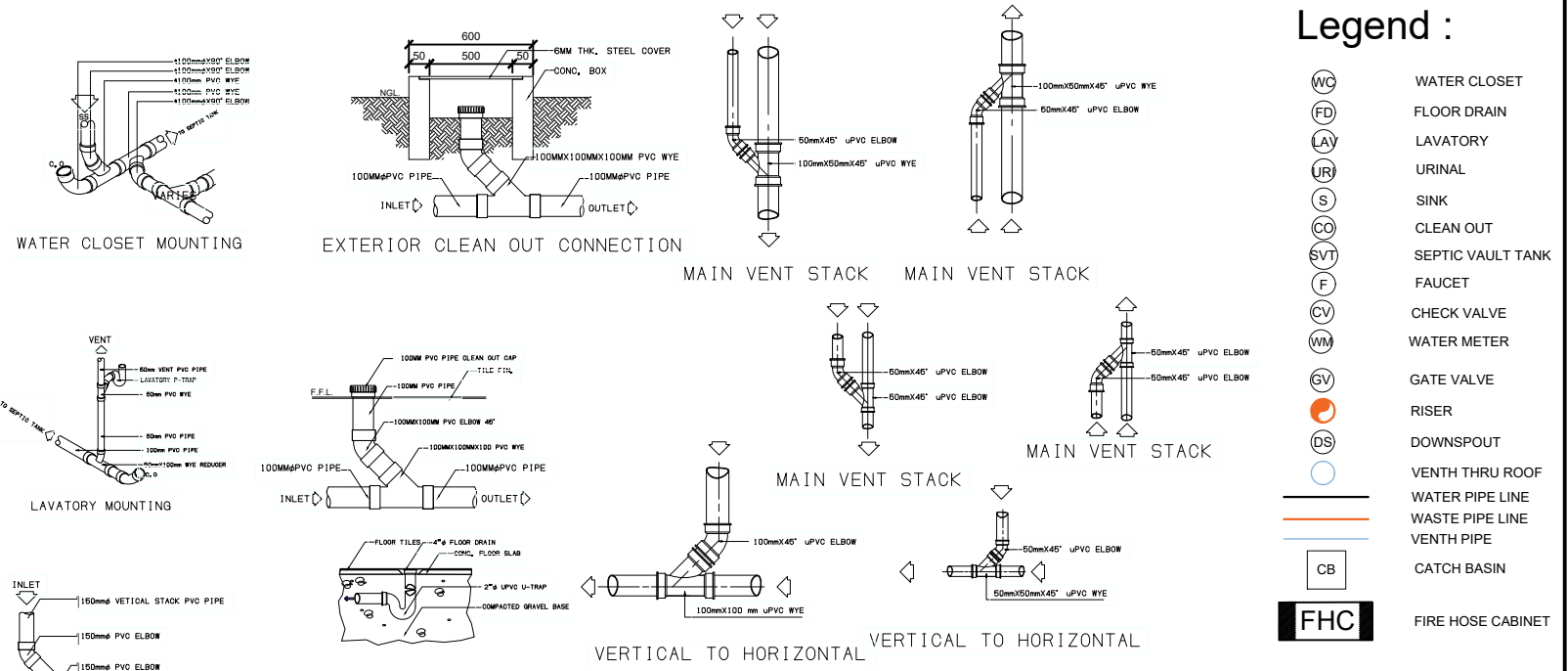
P SANITARY LAYOUT
 2 3 SCALE 1:100m



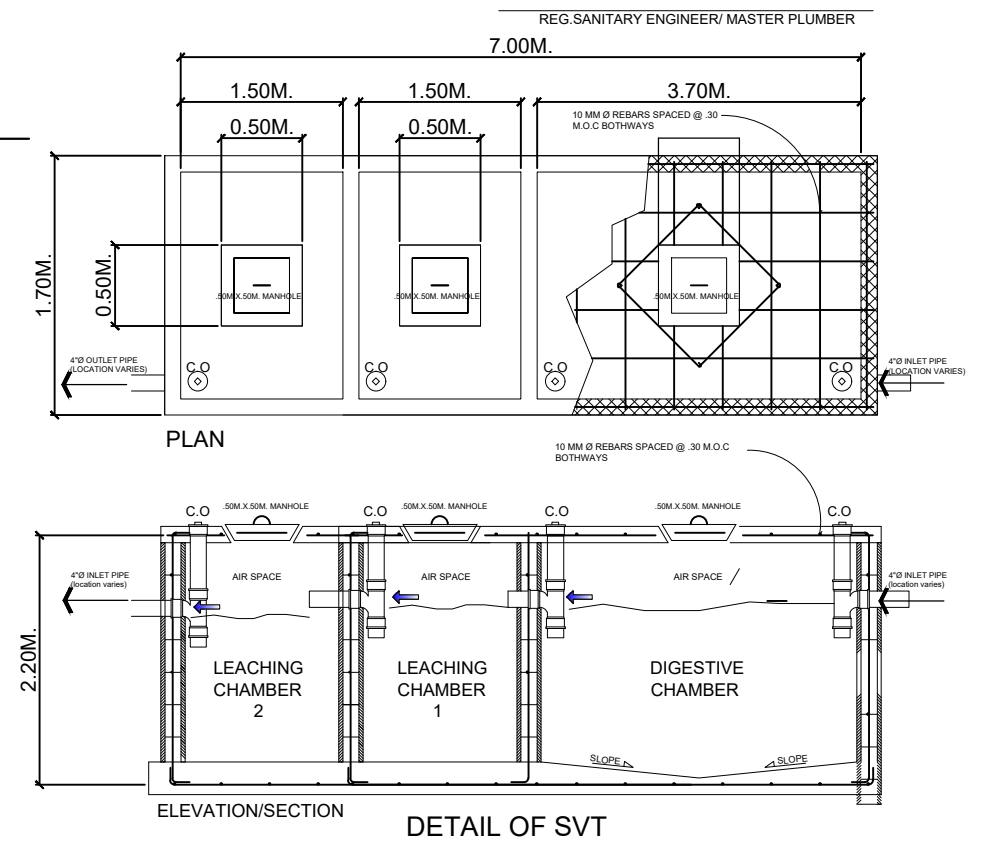
PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PDDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - WATER SUPPLY LAYOUT - SANITARY LAYOUT	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> P </div> <div style="margin: 0 5px;">1</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 2 </div> </div> PAGE NO. 10
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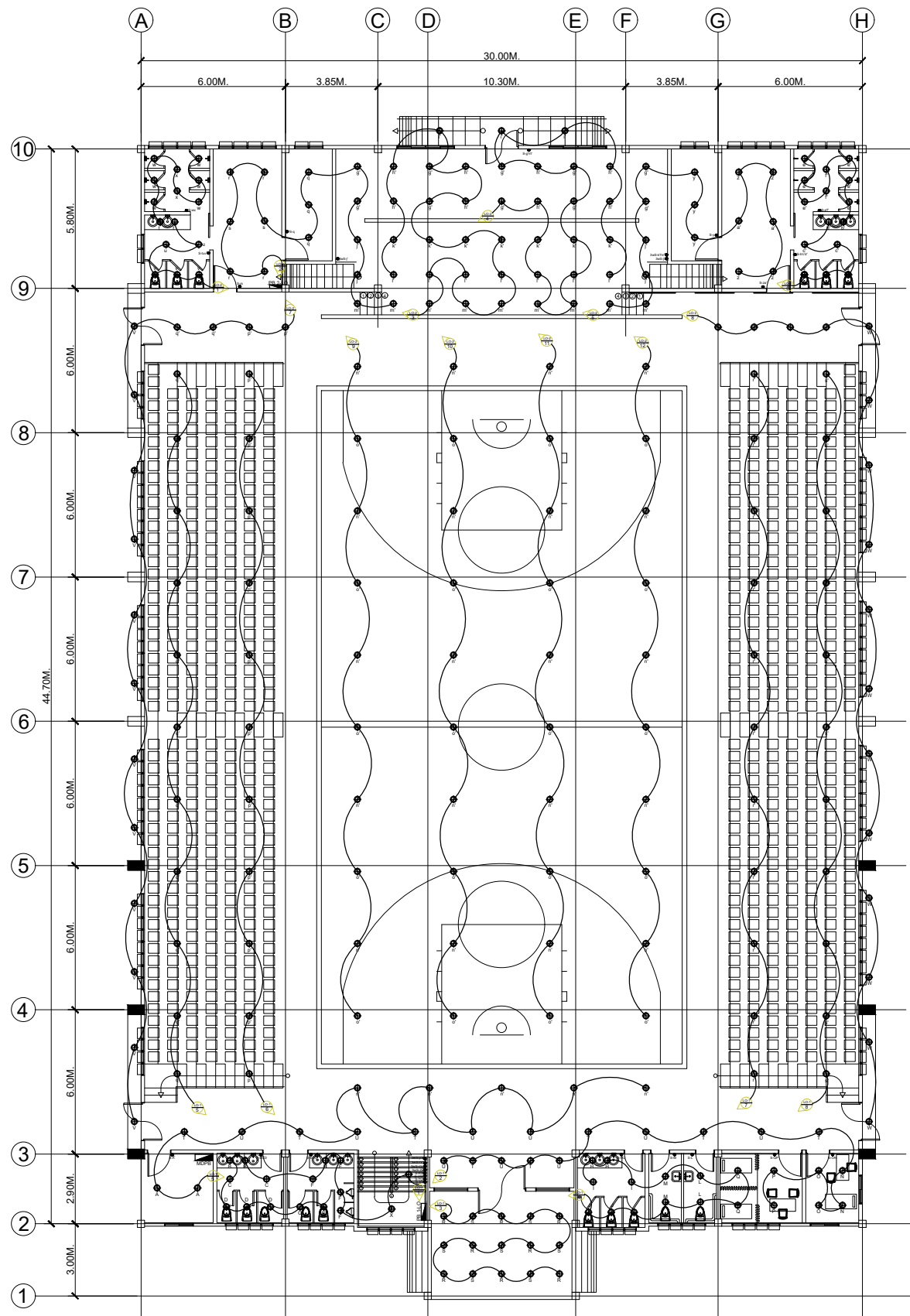
P STORM DRAINAGE LAYOUT
 3 3 SCALE 1:100m



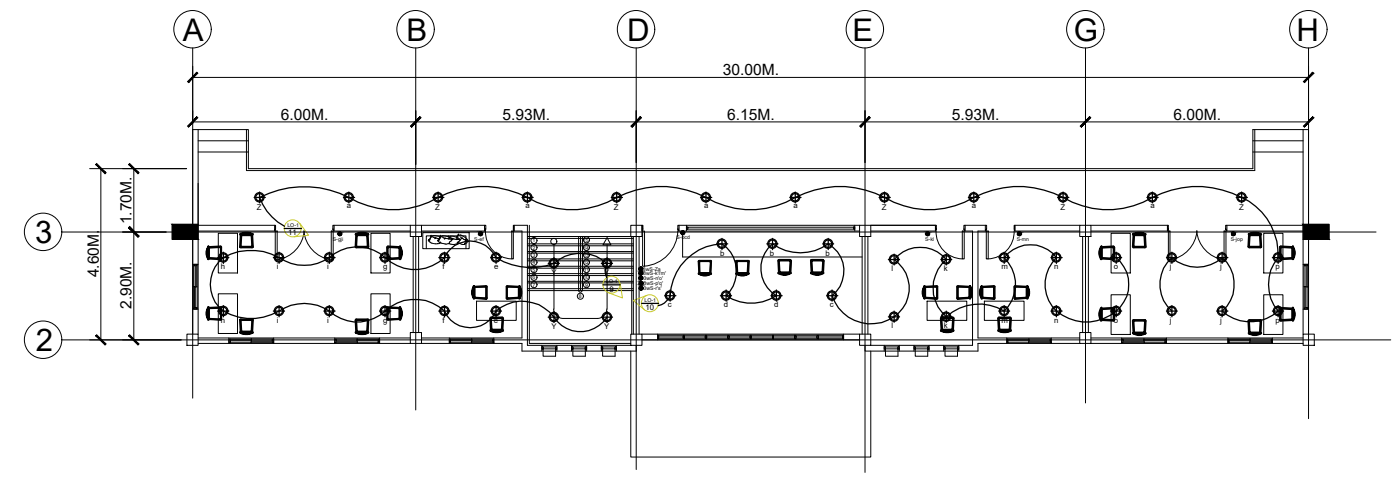
Notes & Specifications:
 ALL MATERIALS TO BE USED BE GOOD QUALITY
 USE 2"Ø PIPES FOR LIQUID WASTE AND 4" Ø FOR OIL WASTE
 LINE
 MAINTAIN 2% SLOPE WASTE DRAIN PIPE HAVING A DIAMETER OF 4"
 OF SMALLER
 ALL PLUMBING INSTALLATION SHALL BE UNDER THE DIRECT
 SUPERVISION OF
 DULY LICENSED MASTER PLUMBER AND SHALL CONFORM TO THE
 LOCAL
 ORDINANCE AND NATIONAL CODE OF THE PHILIPPINES
 CERTIFICATION.
 THERE BY THAT THERE IS NO EXISTING ARTISAN WELL
 WITHIN THE RADIUS OF 25.00 METERS FROM THE PROPOSED
 SEPTIC TANK LOCATION.



PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - STORM DRAINAGE LAYOUT - DETAILS OF SVT	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> P <div style="display: flex; justify-content: space-around; width: 100%;"> 2 2 </div> </div> </div> PAGE NO. 11
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E LIGHTING LAYOUT
1/4 SCALE 1:100m



E LIGHTING LAYOUT
2/4 SCALE 1:100m

SCHEDULE OF LOADS

DESIGNATION : PRELO LIGHTING OUTLET PANEL BOARD (P)
SYSTEM : 400/230/30, 3WIRES + GROUND, 60Hz
FEEDER CODE :
CABLE TYPE : THHN/THWN

MOUNTING : SURFACE MOUNTED
ENCLOSURE : NEMA-1
LOCATION : ELECTRICAL CABINET GROUND FLOOR

CIRCUIT NUMBER	DESCRIPTION	NO. OF OUTLETS	SWITCHES					AMPERE			CONDUIT SIZE mm ² PVC	CONNECTED LOAD VOLT-AMPERE	OVER-CURRENT PROTECTION		SIZE OF WIRE	
			LO	S1	S2	S3	∞S	OA	OB	OC			AT	AF		
1	LIGHTING OUTLET	16	1	2	-	-	6.96			20mm ²	1,600	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
2	LIGHTING OUTLET	16	-	3	-	-	6.96			20mm ²	1,600	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
3	LIGHTING OUTLET	15	-	1	-	-	6.52			20mm ²	1,500	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
4	LIGHTING OUTLET	13	2	2	1	-		5.65		20mm ²	1,300	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
5	LIGHTING OUTLET	11	-	-	-	1		4.78		20mm ²	1,100	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
6	LIGHTING OUTLET	11	-	-	-	1		4.78		20mm ²	1,100	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
7	LIGHTING OUTLET	11	-	-	-	1		4.78		20mm ²	1,100	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
8	LIGHTING OUTLET	11	-	-	-	1		4.78		20mm ²	1,100	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
9	LIGHTING OUTLET	16	-	1	1	-		6.96		20mm ²	1,600	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
10	LIGHTING OUTLET	16	-	2	2	-		6.96		20mm ²	1,600	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
11	LIGHTING OUTLET	17	-	-	1	1		7.39		20mm ²	1,700	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
12	S P A R E	-	-	-	-	-				20mm ²						
13	S P A R E	-	-	-	-	-				20mm ²						
14	S P A R E	-	-	-	-	-				20mm ²						
T O T A L		153	3	11	5	5	20.44	23.91	22.17		15,300					

DEMAND FACTOR : 1.0
TOTAL LINE DEMAND CURRENT : 22.08

MAIN CIRCUIT BREAKER : 40AT 100AF 3P 230v
FEEDER TYPE :
RACEWAY : CABLE TRAY

SCHEDULE OF LOADS

DESIGNATION : PRELO LIGHTING OUTLET PANEL BOARD (P)
SYSTEM : 400/230/30, 3WIRES + GROUND, 60Hz
FEEDER CODE :
CABLE TYPE : THHN/THWN

MOUNTING : SURFACE MOUNTED
ENCLOSURE : NEMA-1
LOCATION : ELECTRICAL CABINET SECOND FLOOR

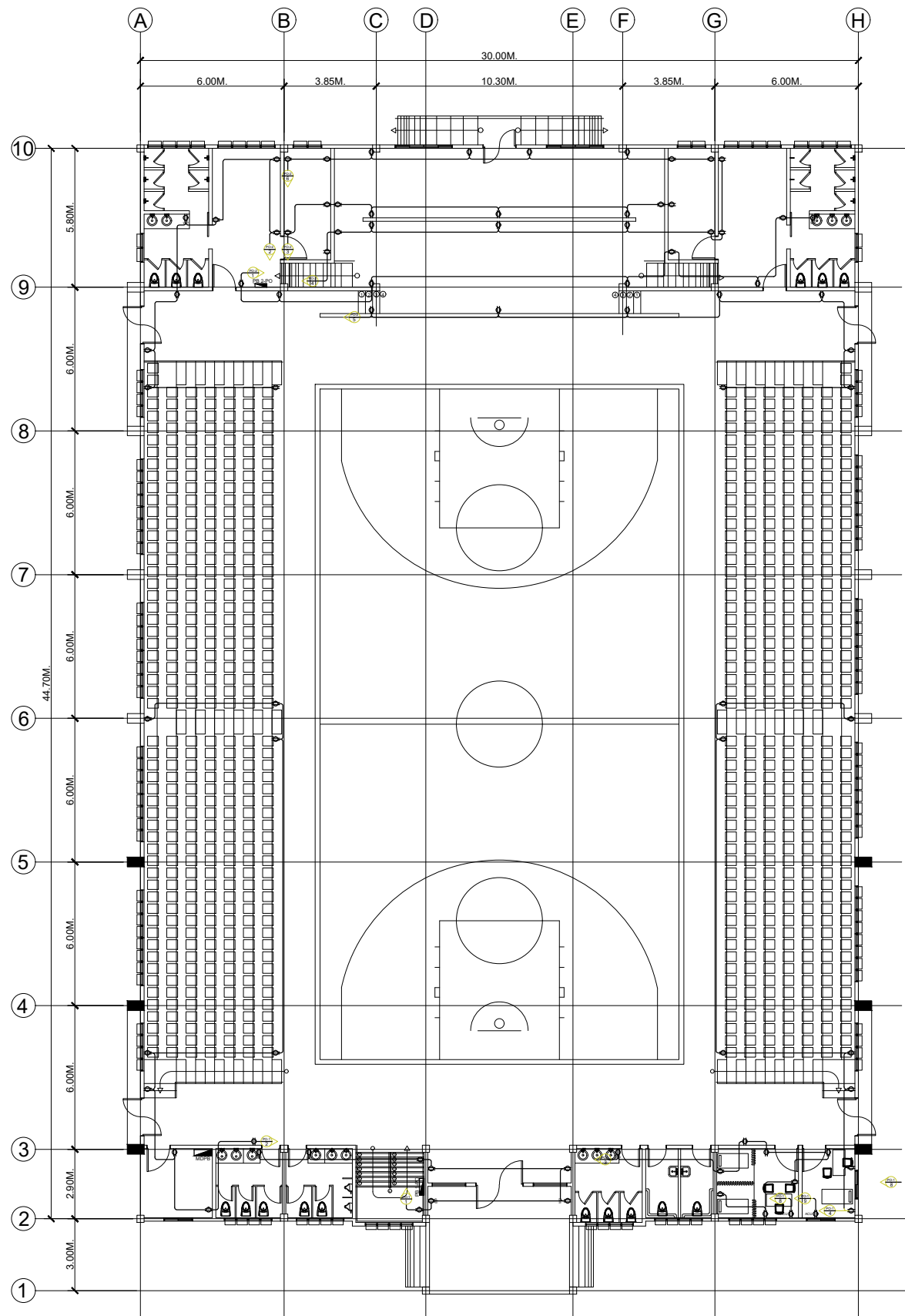
CIRCUIT NUMBER	LOAD DESCRIPTION	NO. OF OUTLETS	SWITCHES					AMPERE			CONDUIT SIZE mm ² PVC	CONNECTED LOAD VOLT-AMPERE	OVER-CURRENT PROTECTION		SIZE OF WIRE	
			LO	S1	S2	S3	∞S	OA	OB	OC			AT	AF		
1	LIGHTING OUTLET	15	-	1	1	-	6.52			20mm ²	1,500	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
2	LIGHTING OUTLET	15	1	1	-	1	6.52			20mm ²	1,500	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
3	LIGHTING OUTLET	18	-	-	1	1		7.83		20mm ²	1,800	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
4	LIGHTING OUTLET	18	-	1	1	1	7.83			20mm ²	1,800	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
5	LIGHTING OUTLET	15	1	1	-	2	6.52			20mm ²	1,500	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
6	LIGHTING OUTLET	15	-	1	1	1	6.52			20mm ²	1,500	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
7	LIGHTING OUTLET	16	-	-	-	1	6.96			20mm ²	1,600	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
8	LIGHTING OUTLET	16	-	-	-	1	6.96			20mm ²	1,600	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
9	LIGHTING OUTLET	10	-	-	-	1	4.35			20mm ²	1,000	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
10	LIGHTING OUTLET	10	-	-	-	1	4.35			20mm ²	1,000	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
11	LIGHTING OUTLET	10	-	-	-	1	4.35			20mm ²	1,000	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
12	LIGHTING OUTLET	10	-	-	-	1	4.35			20mm ²	1,000	15	100	2	-	3.5mm ² THHN/THWN (GRD.)
13	S P A R E	-	-	-	-	-				20mm ²						
14	S P A R E	-	-	-	-	-				20mm ²						
T O T A L		168	2	5	4	13	25.66	24.35	23.05		16,800					

DEMAND FACTOR : 1.0
TOTAL LINE DEMAND CURRENT :

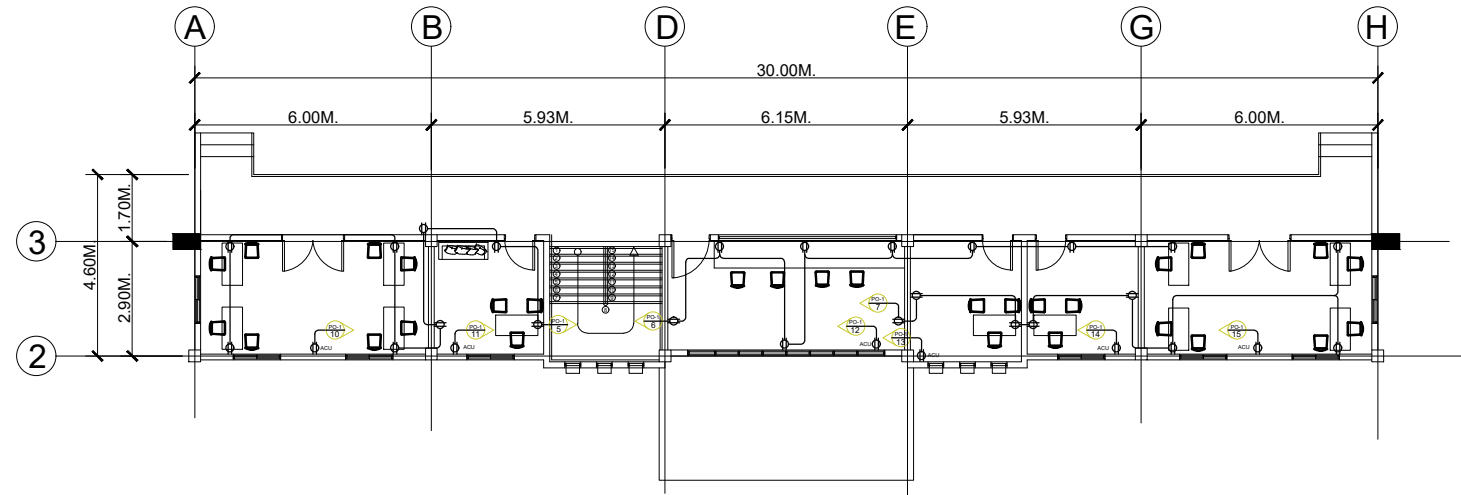
MAIN CIRCUIT BREAKER : 40AT 100AF 3P 230v
FEEDER TYPE :
RACEWAY : CABLE TRAY



PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - LIGHTING LAYOUT - SECOND FLOOR LIGHTING LAYOUT - SCHEDULE OF LOADS	SHEET NUMBER: E 1/3 PAGE NO. 12
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E POWER LAYOUT
4 4 SCALE 1:100m



E POWER LAYOUT
3 4 SCALE 1:100m

SCHEDULE OF LOADS

CIRCUIT NUMBER	LOAD DESCRIPTION	NO. OF OUTLETS	AMPERE			CONDUIT SIZE mm ² PVC	CONNECTED LOAD VOLT-AMPERE	OVER-CURRENT PROTECTION		SIZE OF WIRE
			OA	OB	OC			AT	AF	
1	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
2	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
3	CONVENIENCE OUTLET	8		6.26		20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
4	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
5	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
6	CONVENIENCE OUTLET	8		6.26		20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
7	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
8	AIR CONDITIONING UNIT	1	4.35			20mm ²	1,000	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
9	AIR CONDITIONING UNIT	1		4.35		20mm ²	1,000	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
10	AIR CONDITIONING UNIT	1	4.35			20mm ²	1,000	30	100	2 - 3.5mm ² THHN/THWN (GRD.)
11	AIR CONDITIONING UNIT	1	4.35			20mm ²	1,000	30	100	2 - 3.5mm ² THHN/THWN (GRD.)
12	AIR CONDITIONING UNIT	1		4.35		20mm ²	1,000	30	100	2 - 3.5mm ² THHN/THWN (GRD.)
13	AIR CONDITIONING UNIT	1	4.35			20mm ²	1,000	30	100	2 - 3.5mm ² THHN/THWN (GRD.)
14	AIR CONDITIONING UNIT	1	4.35			20mm ²	1,000	30	100	2 - 3.5mm ² THHN/THWN (GRD.)
15	AIR CONDITIONING UNIT	1		4.35		20mm ²	1,000	30	100	2 - 3.5mm ² THHN/THWN (GRD.)
16	S P A R E	-				20mm ²		30	100	
17	S P A R E	-				20mm ²		30	100	
18	S P A R E	-				20mm ²		30	100	
T O T A L			27.48	25.57	25.57		18,080			

DEMAND FACTOR : 0.8 MAIN CIRCUIT BREAKER : 60AT 100AF 3P 230v
FEEDER TYPE :
RACEWAY : CABLE TRAY
TOTAL LINE DEMAND CURRENT :

SCHEDULE OF LOADS

CIRCUIT NUMBER	LOAD DESCRIPTION	NO. OF OUTLETS	AMPERE			CONDUIT SIZE mm ² PVC	CONNECTED LOAD VOLT-AMPERE	OVER-CURRENT PROTECTION		SIZE OF WIRE
			OA	OB	OC			AT	AF	
1	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
2	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
3	CONVENIENCE OUTLET	8		6.26		20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
4	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
5	CONVENIENCE OUTLET	8	6.26			20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
6	CONVENIENCE OUTLET	8		6.26		20mm ²	1,440	20	100	2 - 3.5mm ² THHN/THWN (GRD.)
7	S P A R E	-				20mm ²		30	100	
8	S P A R E	-				20mm ²		30	100	
T O T A L			12.52	12.52	12.52		8,640			

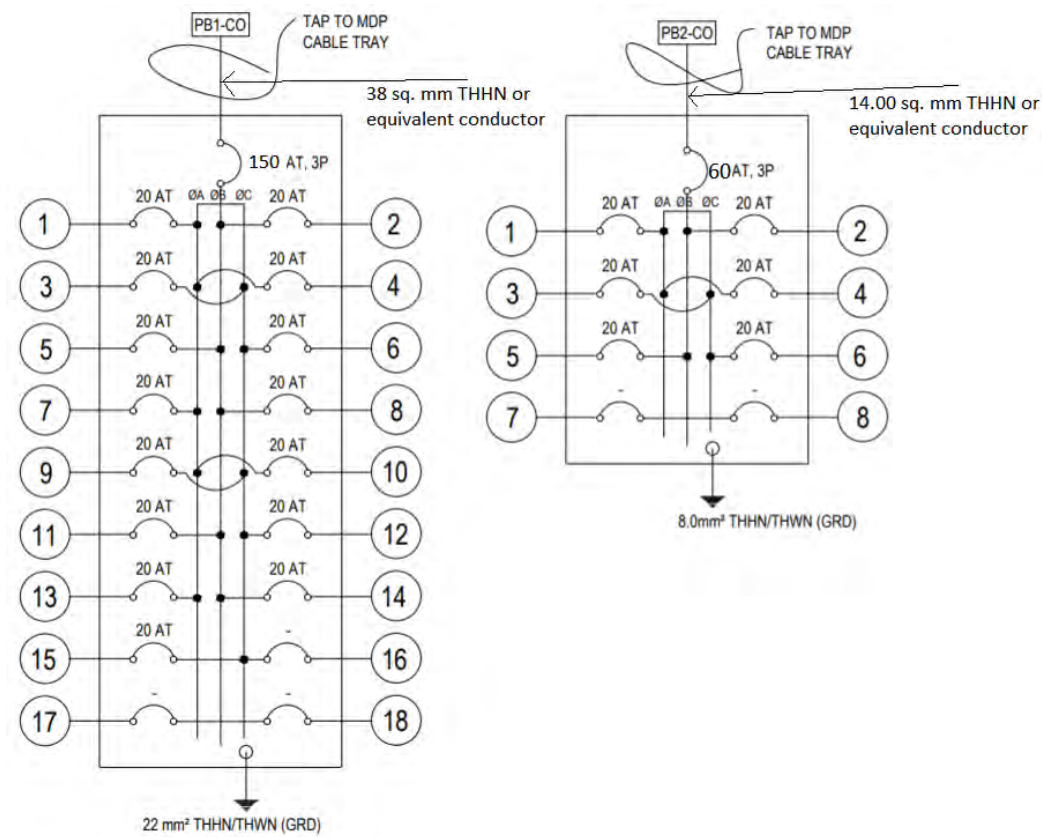
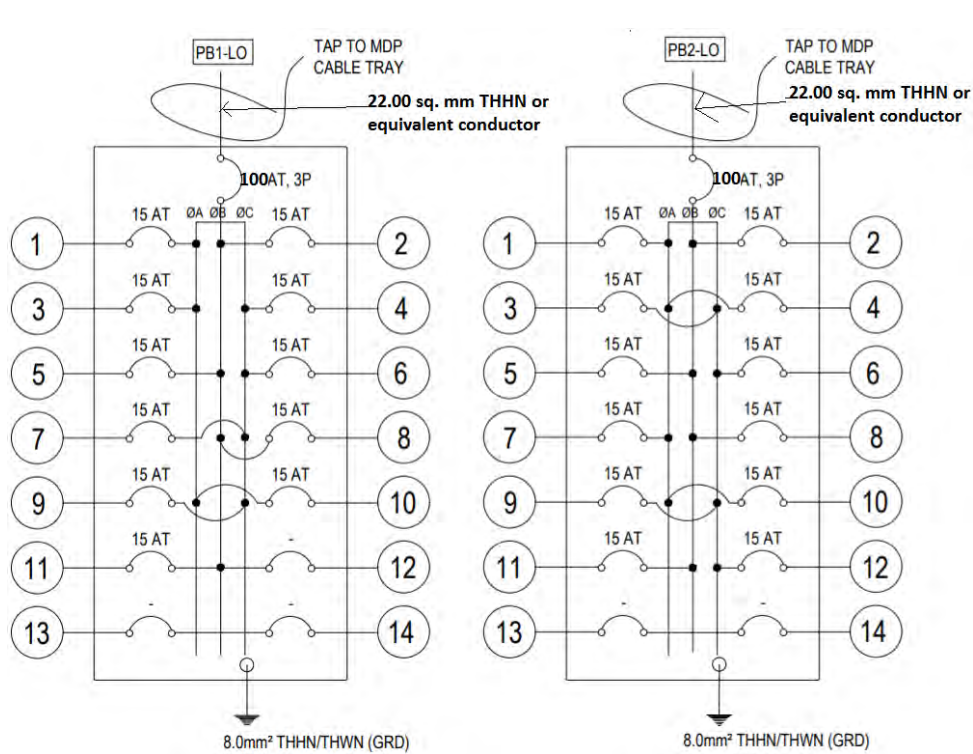
DEMAND FACTOR : 0.8 MAIN CIRCUIT BREAKER : 30AT 100AF 3P 230v
FEEDER TYPE :
RACEWAY : CABLE TRAY
TOTAL LINE DEMAND CURRENT :

LEGEND:

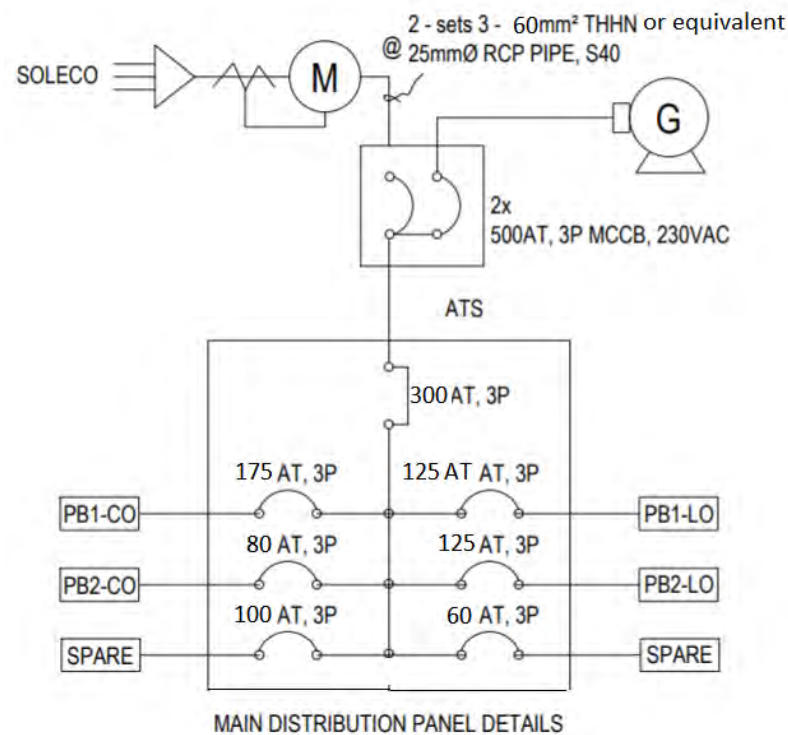
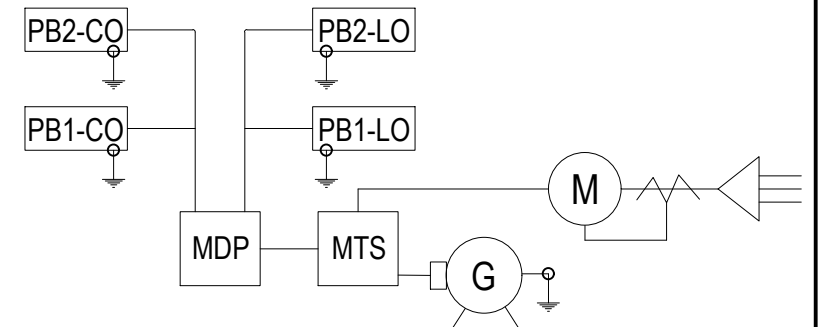
- LIGHTING OUTLET WITH GROUNDING SYSTEMS
- WEATHER PROOF OUTLET
- DUPLEX FLOOR OUTLET WITH GROUNDING SYSTEM
- GENERATOR
- PANEL BOARD
- MDP MAIN DISTRIBUTION PANEL
- MTS MANUAL TRANSFER SWITCH



PREPARED : AR. CHRIS JIRAH E. MOLITA, uap ARCHITECT	REVIEWED : ENGR. NOEL S. BUGAIS PPDMO	PROJECT PROPOSED: COMPLETION OF STUDENT WELFARE AND DEVELOPMENT CENTER (COMPLETION OF STUDENT DEVELOPMENT CENTER) LOCATION: SLSU - HINUNANGAN CAMPUS, HINUNANGAN, SOUTHERN LEYTE	RECOMMENDING APPROVAL: ENGR. MONDANI R. MANUN-OG PLANNING AND DEVELOPMENT OFFICER	 WADE C. LIM, MPM-LGD CAMPUS DIRECTOR	APPROVED : PROSE IVY G. YEPES Ed.D UNIVERSITY - PRESIDENT	SHEET CONTENTS: - POWER LAYOUT - SECOND FLOOR POWER LAYOUT - SCHEDULE OF LOADS	SHEET NUMBER: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border-right: 1px solid black; padding: 5px;">E</div> <div style="padding: 5px;">2 3</div> </div> PAGE NO. 13
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SINGLE LINE DIAGRAM



SCHEDULE OF LOADS

DESIGNATION : MAIN DISTRIBUTION PANEL		MOUNTING : SURFACE MOUNTED							
SYSTEM : 400V, 3WIRE + GROUND, 60Hz		ENCLOSURE : NEMA-1							
FEEDER CODE :		LOCATION : ELECTRICAL CABINET GROUND FLOOR							
CABLE TYPE : THHN/THWN									
CIRCUIT NUMBER	LOAD DESCRIPTION	VOLT-AMPERE	AMPERE				OVER-CURRENT PROTECTION		SIZE OF WIRE
			3Ø	ØA	ØB	ØC	AT	AF	
1	PB1-LO	15,300	66.52				40	100	
2	PB2-LO	16,800					73.06	40	100
3	PB1-CO	18,080	78.62				60	100	
4	PB2-CO	8,640	37.56				30	100	
5	S P A R E	-							
6	S P A R E	-							
T O T A L		58,820							

DEMAND FACTOR : 0.8
 TOTAL LINE DEMAND CURRENT :
 MAIN CIRCUIT BREAKER : 150AT 150AF 3P 400v
 FEEDER TYPE :
 RACEWAY : CABLE TRAY

GENERAL NOTES :

1. ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE LOCAL AND NATIONAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.
2. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE, APPROPRIATE FOR BOTH LOCATION AND INTENDED USE.
3. ALL INSTALLATION SHALL BE CONCEALED, AND WIRINGS SHALL BE INCASED IN PVC PIPES EXCEPT POWER SERVICE WHICH SHALL BE IN GALVANIZED RIGID STEEL CONDUIT (RSC).
4. NO REVISIONS SHALL BE DONE WITHOUT THE PROPER CONSENT AND APPROVAL OF THE DESIGNER AND THE OWNER.
5. WHENEVER NECESSARY, PULL BOXES, UTILITY BOXES AND JUNCTION BOXES SHALL BE INSTALLED IN CONVENIENT LOCATIONS ALTHOUGH NOT SHOWN ON THE PLANS.
6. ALL WORKS SHALL BE DONE UNDER STRICT IMPLEMENTATION OF A DULY LICENSED ELECTRICAL ENGINEER OR A REGISTERED MASTER ELECTRICIAN.