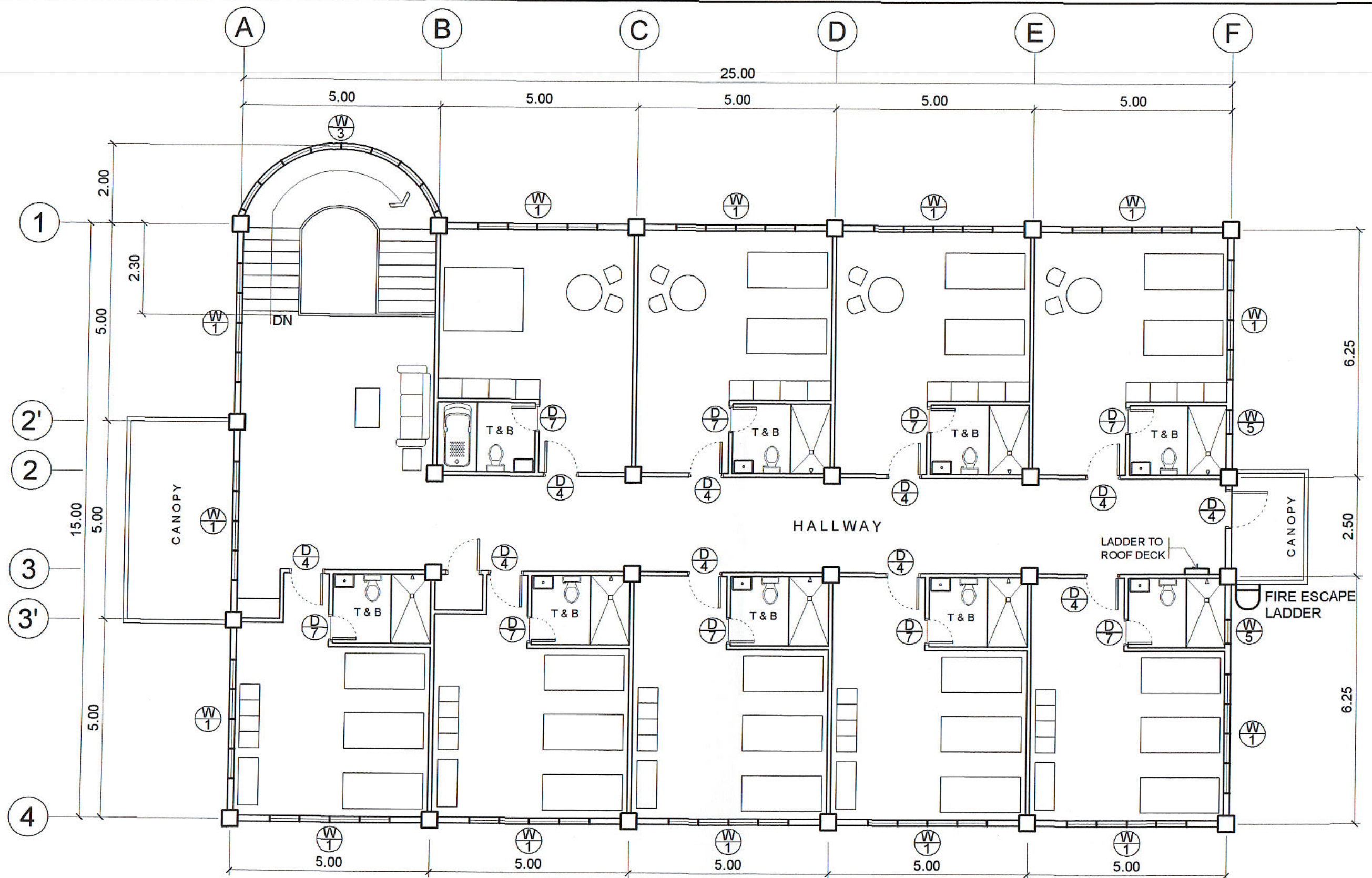


**GROUND FLOOR PLAN**

SCALE 1: 100 M.

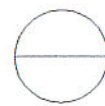
PREPARED BY: <i>E. N. Roderos Jr.</i> E. N. RODEROS JR. PPU CEIT	END USER: <i>Yolanda A. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. A-1
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**SECOND FLOOR PLAN**

SCALE 1: 100 M.

PREPARED BY: <i>E. N. Roderos Jr.</i> E. N. RODEROS JR. PPU CEIT	END USER: <i>Yolanda A. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. A-2
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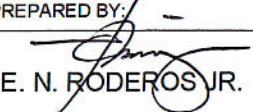
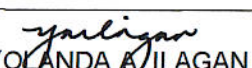
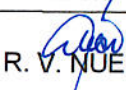
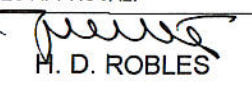
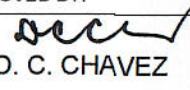
**FRONT ELEVATION**

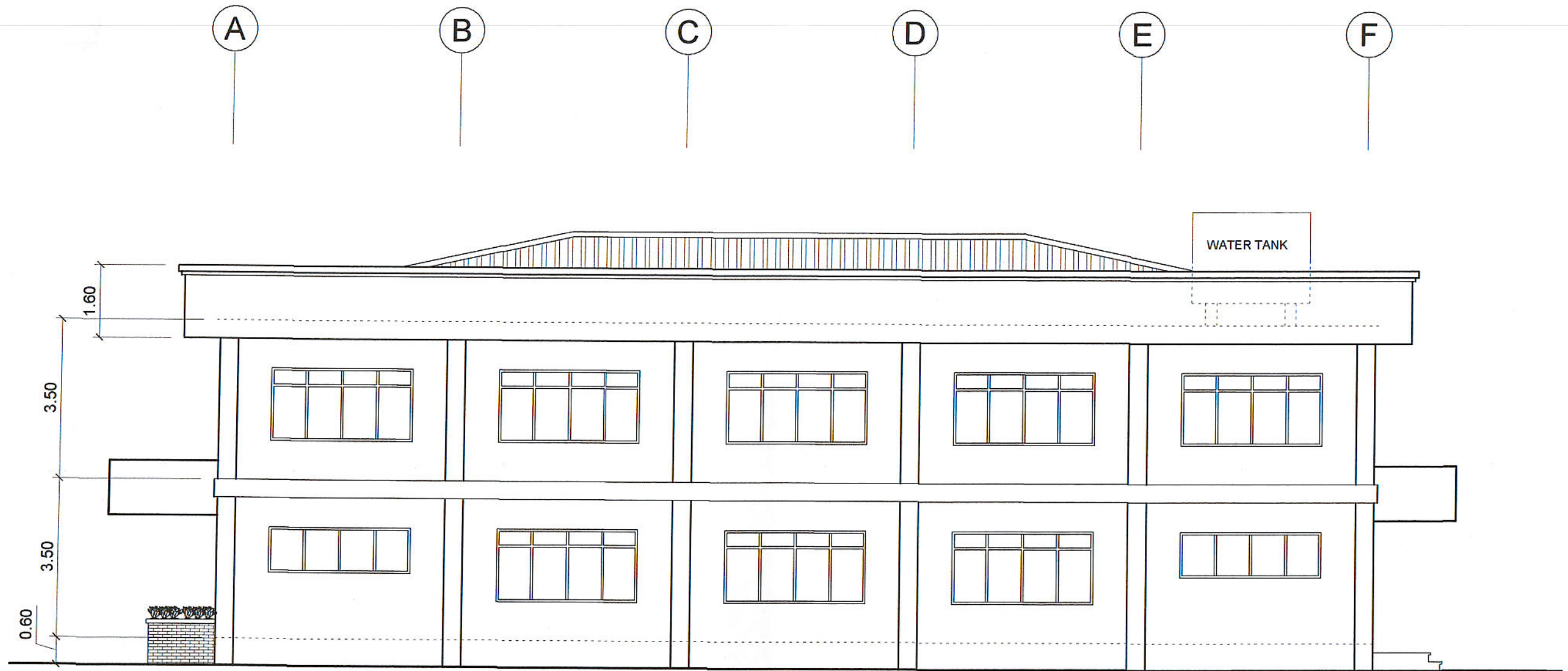
SCALE 1: 100 M.

PREPARED BY: <i>E. N. Roderos Jr.</i> E. N. RODEROS JR. PPU CEIT	END USER: <i>Yolanda A. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>R. V. Muestro</i> R. V. MUESTRO DEAN CEIT	REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. A-3
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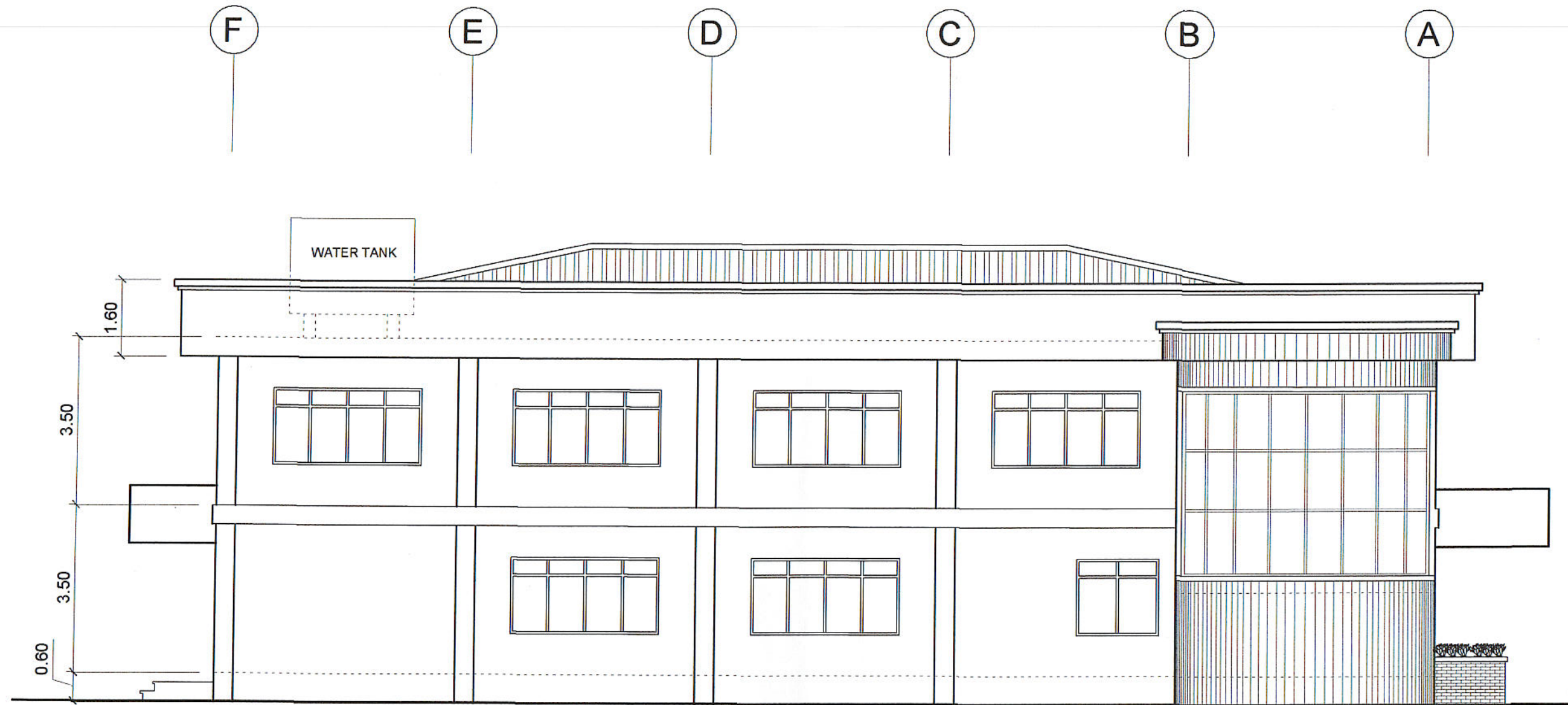

**REAR ELEVATION**  
 SCALE 1: 100 M.

PREPARED BY:	END USER:	ENDORSED BY:	REC APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	SHT. NO.
 E. N. RODEROS JR. <small>PPU CEIT</small>	 YOLANDA A. ILAGAN <small>DEAN CARMONA CAMPUS</small>	 R. V. NUESTRO <small>DEAN CEIT</small>	 H. D. ROBLES <small>VPASS CVSU</small>	 D. C. CHAVEZ <small>PRESIDENT CVSU</small>	PROPOSED HRM HOSTEL <small>CVSU CARMONA CAMPUS</small>	CAVITE STATE UNIVERSITY	A - 4



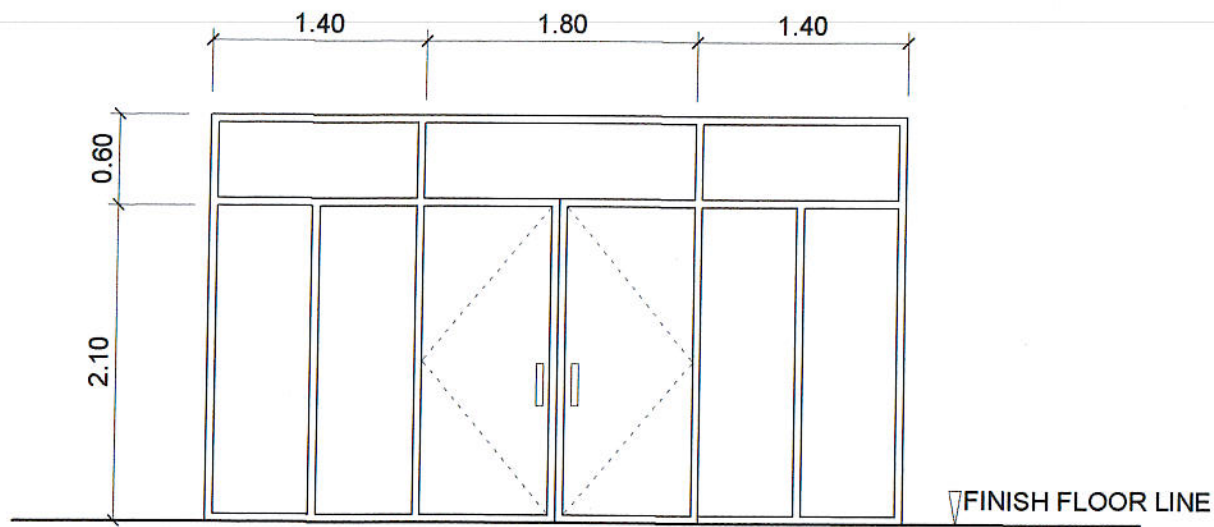
RIGHT SIDE ELEVATION  
SCALE 1: 100 M.

PREPARED BY:	END USER:	ENDORSED BY:	REC APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	SHT. NO.
E. N. RODEROS JR. PPU CEIT	<i>Y. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	<i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	<i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	<i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	CAVITE STATE UNIVERSITY	A - 5



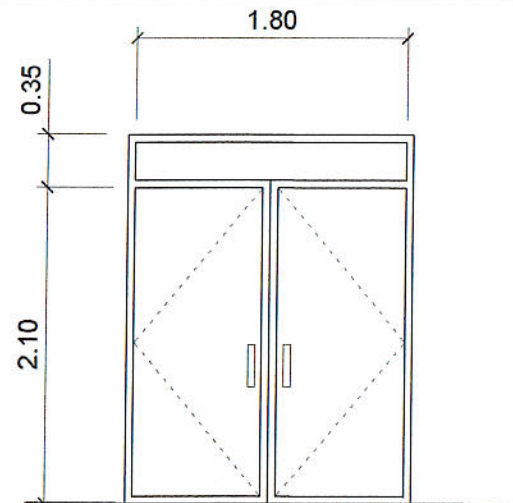
LEFT SIDE ELEVATION  
SCALE 1: 100 M.

PREPARED BY:	END USER:	ENDORSED BY:	REC APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	SHT. NO.
E. N. RODEROS JR. PPU CEIT	<i>Y. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	<i>R.V. Nuestro</i> R. V. NUESTRO DEAN CEIT	<i>H.D. Robles</i> H. D. ROBLES VPASS CVSU	<i>D.C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	CAVITE STATE UNIVERSITY	A - 6



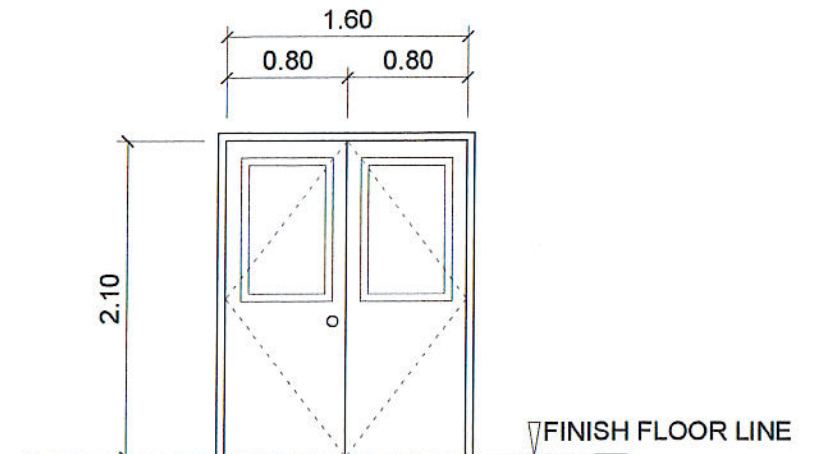
D  
1

ALUMINUM FRAME DOOR COMPLETE W/  
ALL ACCESSORIES W/  $\frac{3}{8}$ " THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
1 SET



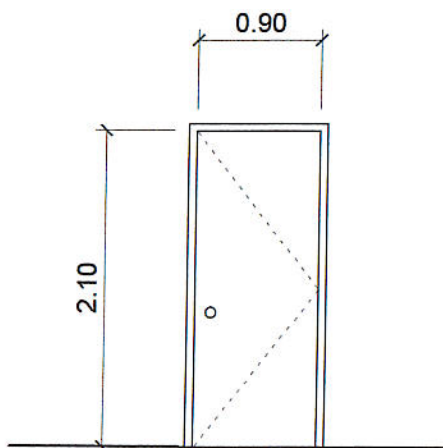
D  
2

ALUMINUM FRAME DOOR COMPLETE W/  
ALL ACCESSORIES W/  $\frac{3}{8}$ " THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
1 SET



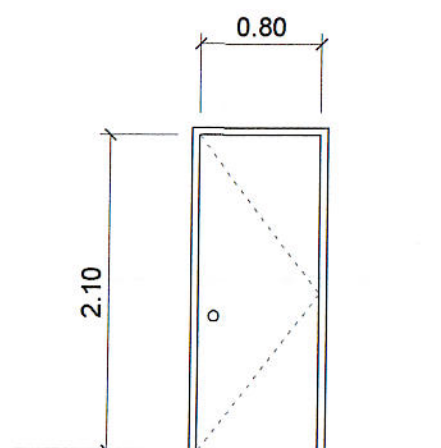
D  
3

1.60 X 2.10 FLUSH DOOR W/  
 $\frac{1}{4}$ " THK. CLEAR GLASS VIEW  
WINDOW, W/ COMPLETE  
ACCESSORIES  
4 SETS



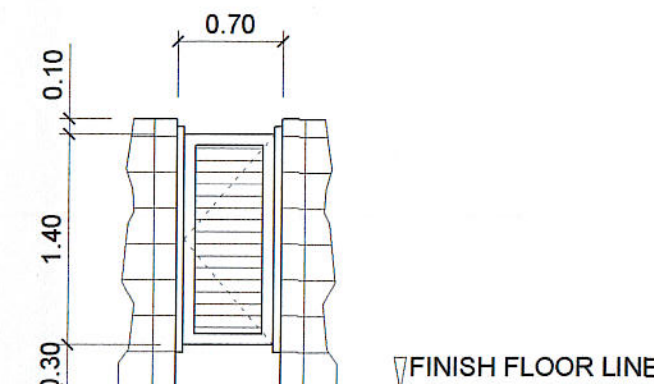
D  
4

0.90 X 2.10 FLUSH DOOR  
W/ COMPLETE ACCESSORIES  
11 SETS



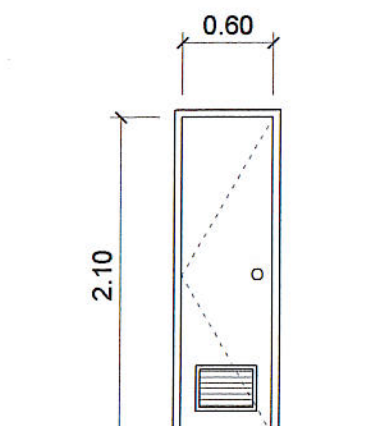
D  
5

0.80 X 2.10 FLUSH DOOR  
W/ COMPLETE ACCESSORIES  
2 SETS



D  
6

0.60 X 1.40 PVC DOOR  
W/ COMPLETE ACCESSORIES  
4 SETS



D  
7

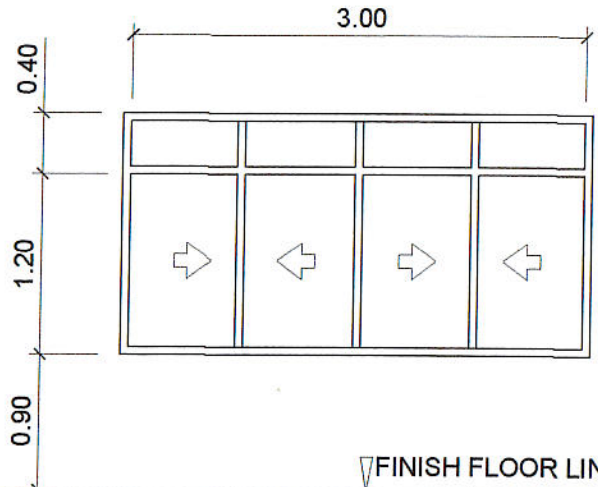
0.60 X 2.10 PVC DOOR  
W/ COMPLETE ACCESSORIES  
9 SETS

SCHEDULE OF DOORS  
SCALE 1: 50 M.

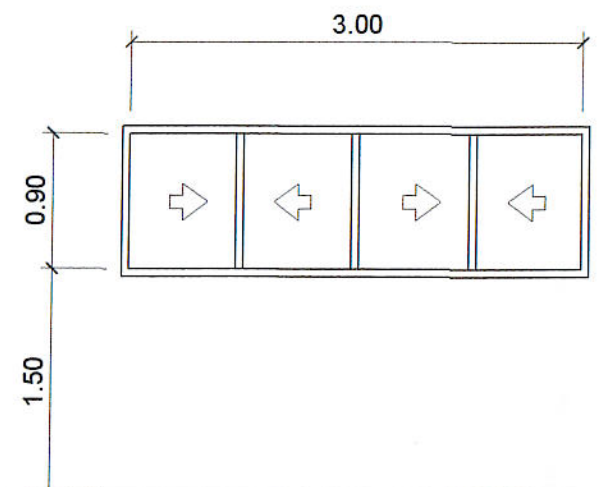
PREPARED BY: <i>E. N. Roderos Jr.</i> E. N. RODEROS, JR. PPU CEIT	END USER: <i>Yolanda A. Dilagan</i> YOLANDA A. DILAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. A - 7
--	---	--	--	---	---	---	-------------------

# SCHEDULE OF WINDOWS

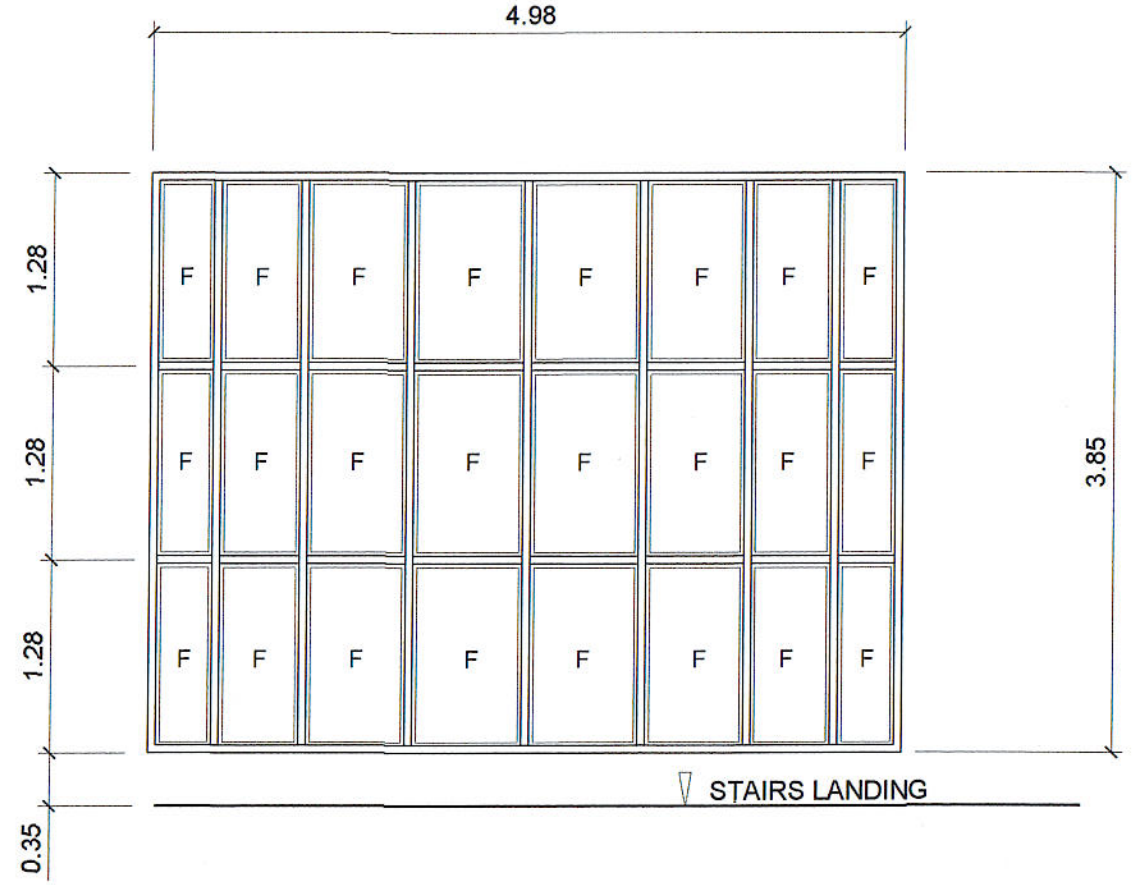
SCALE 1: 50 M.



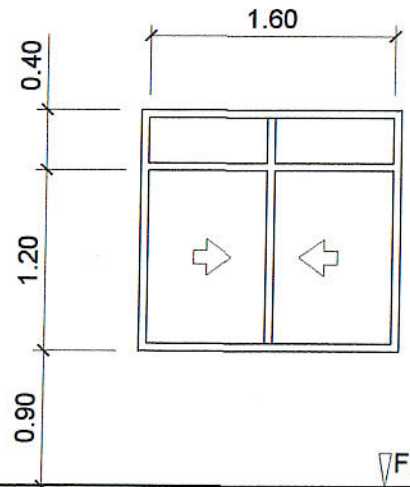
**W1**  
ALUMINUM SLIDING WINDOW COMPLETE W/  
ALL ACCESSORIES W/ 3/8" THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
19 SETS



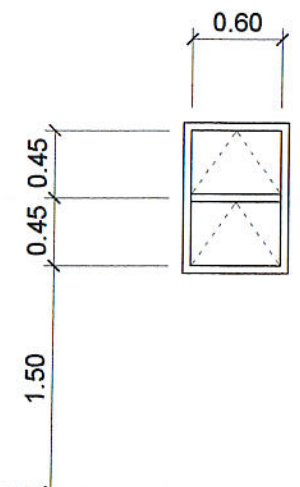
**W2**  
ALUMINUM SLIDING WINDOW COMPLETE W/  
ALL ACCESSORIES W/ 3/8" THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
4 SETS



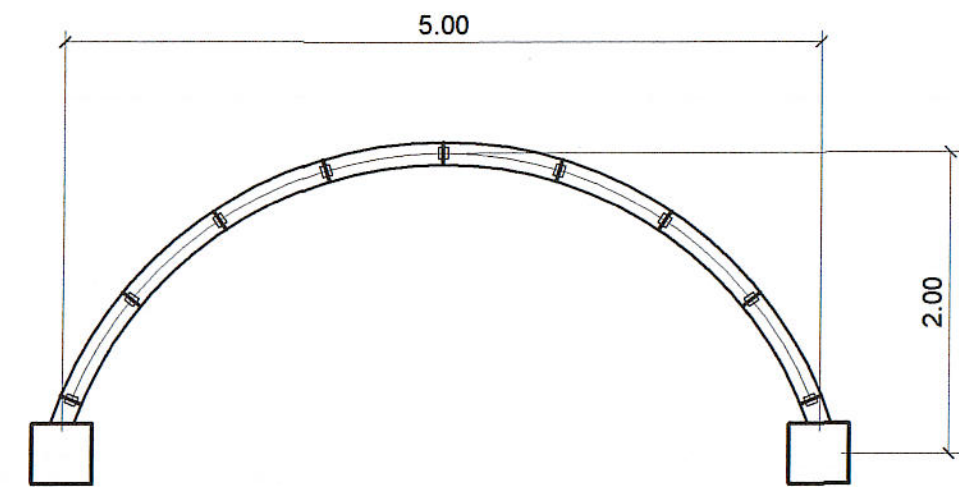
**W3**  
ALUMINUM FIXED WINDOW COMPLETE W/  
ALL ACCESSORIES W/ 3/8" THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
1 SET



**W4**  
ALUMINUM SLIDING WINDOW COMPLETE W/  
ALL ACCESSORIES W/ 3/8" THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
5 SETS

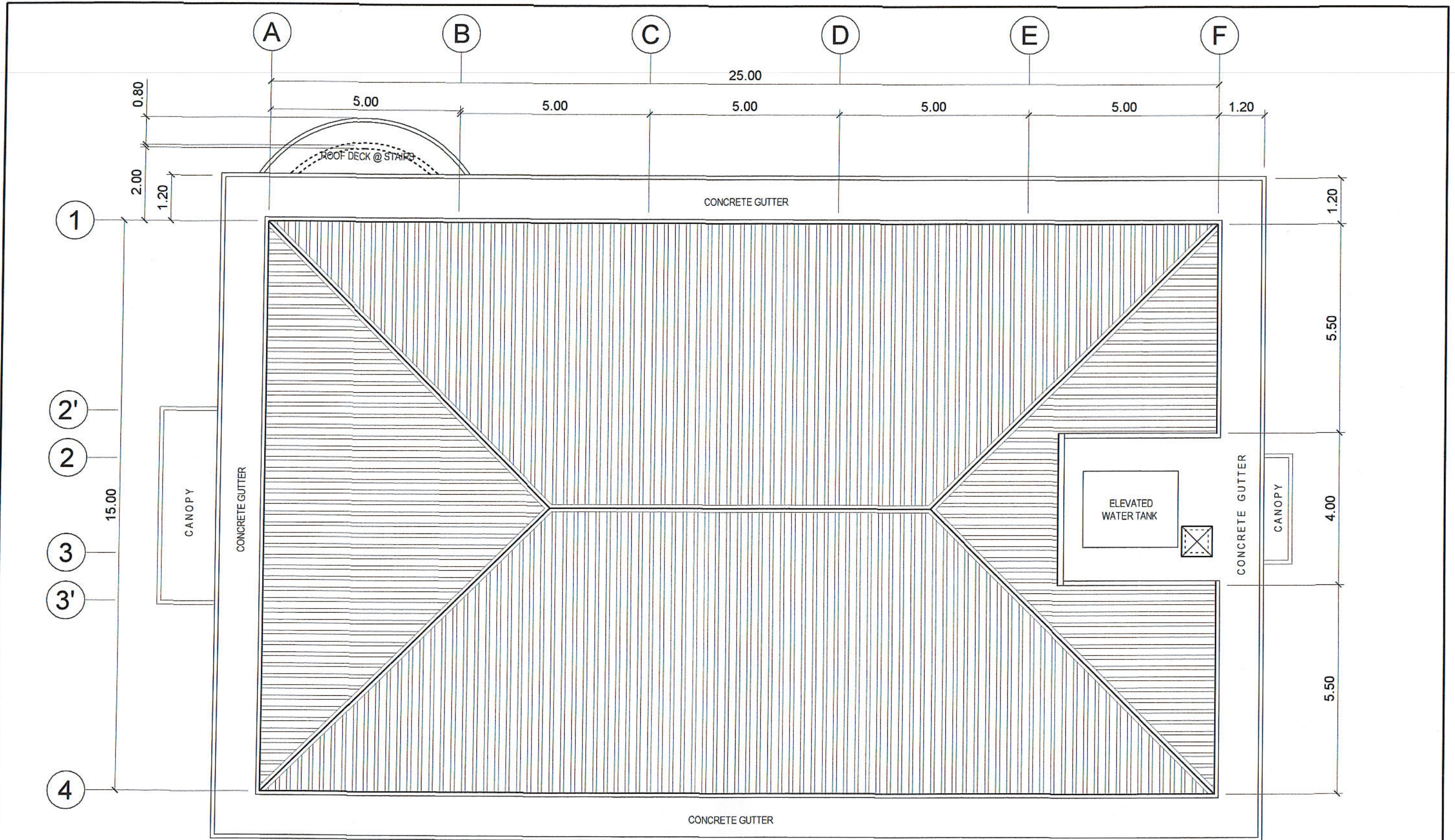


**W5**  
ALUMINUM AWNING WINDOW COMPLETE W/  
ALL ACCESSORIES W/ 3/8" THK COLORED GLASS  
ON COLORED POWDER COATED FINISH  
ALUMINUM FRAMING  
2 SETS



PREPARED BY:	END USER:	ENDORSED BY:	REC APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	SHT. NO.
E. N. RODEROS JR. PPU CEIT	<i>Yolanda A. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	<i>R. V. NUESTRO</i> R. V. NUESTRO DEAN CEIT	<i>H. D. ROBLES</i> H. D. ROBLES VPASS CVSU	<i>D. C. CHAVEZ</i> D. C. CHAVEZ PRESIDENT CVSU	PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	CAVITE STATE UNIVERSITY	A - 8

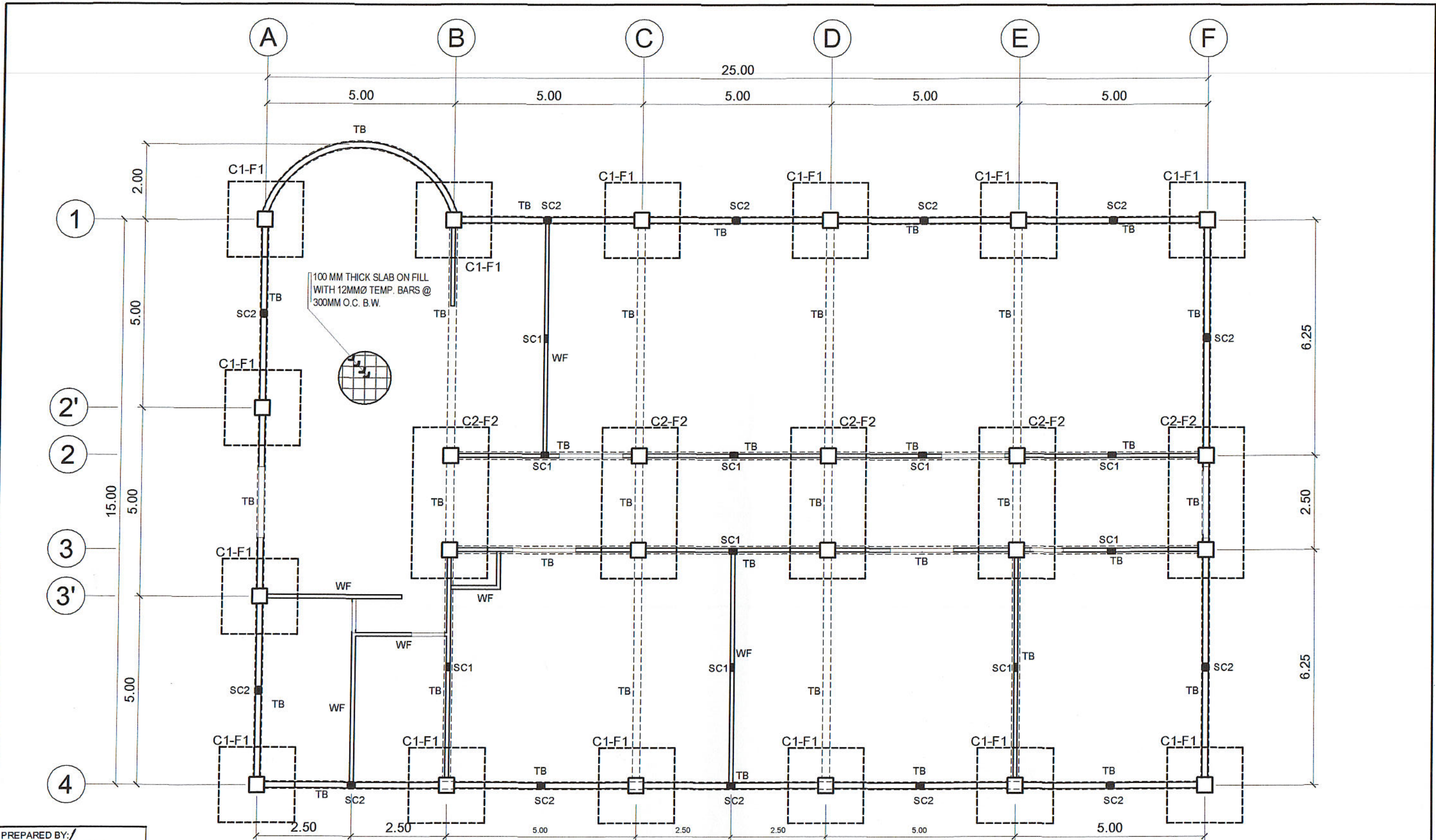




**ROOF PLAN**

SCALE 1: 100 M.

PREPARED BY: <i>[Signature]</i> E. N. RODEROS JR. PPU CEIT	END USER: <i>[Signature]</i> YOLANDA AJILAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>[Signature]</i> R. V. NUESTRO DEAN CEIT	REC APPROVAL: <i>[Signature]</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>[Signature]</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. A - 9
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FOUNDATION PLAN  
SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
DCE CEIT

STRUCTL. ENGR:  
*M. Bagasdas Jr.*  
M. BAGASDAS JR.  
DCE CEIT

END USER:  
*Yolanda A. Lagan*  
YOLANDA A. LAGAN  
DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
R. V. NUESTRO  
DEAN CEIT

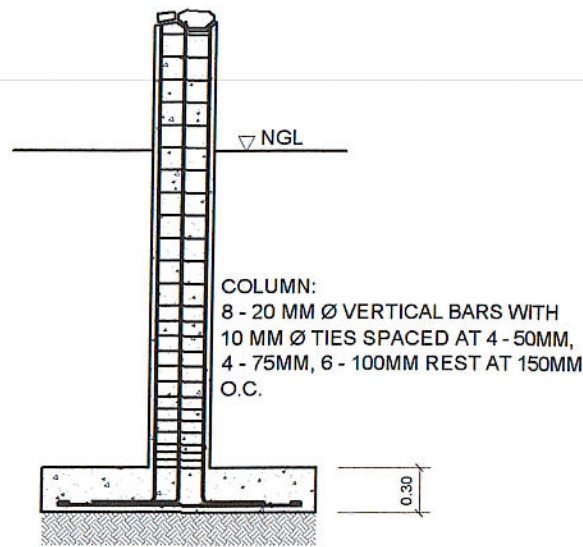
REC APPROVAL:  
*H. D. Robles*  
H. D. ROBLES  
VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
D. C. CHAVEZ  
PRESIDENT CVSU

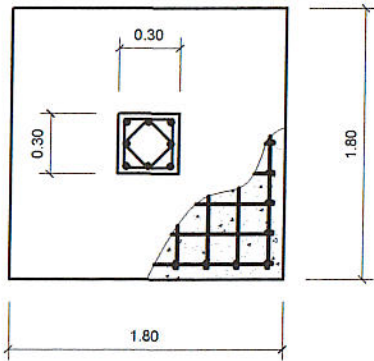
PROJECT TITLE / LOCATION:  
PROPOSED HRM HOSTEL  
CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
CAVITE STATE UNIVERSITY

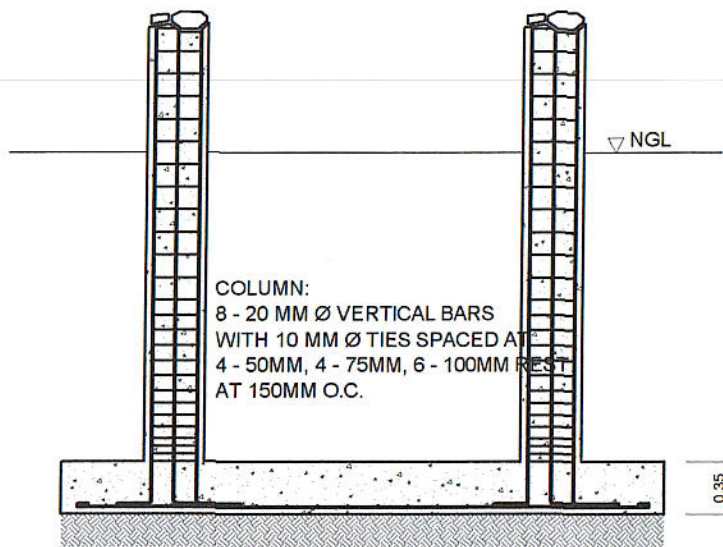
SHT. NO.  
S - 1



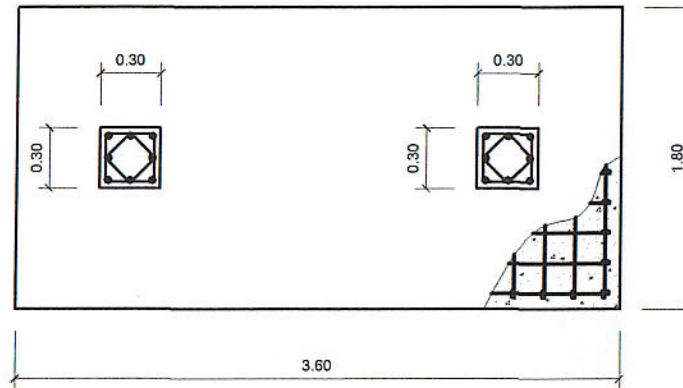
FOOTING:  
8-20MM Ø BARS BOTH WAYS



C1 - F1

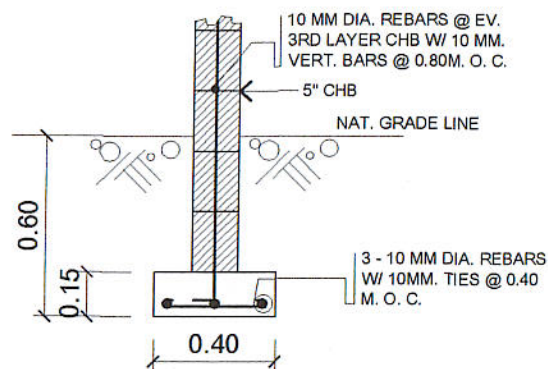


FOOTING:  
8 - 20 MM Ø BARS  
16 - 20 MM. BARS

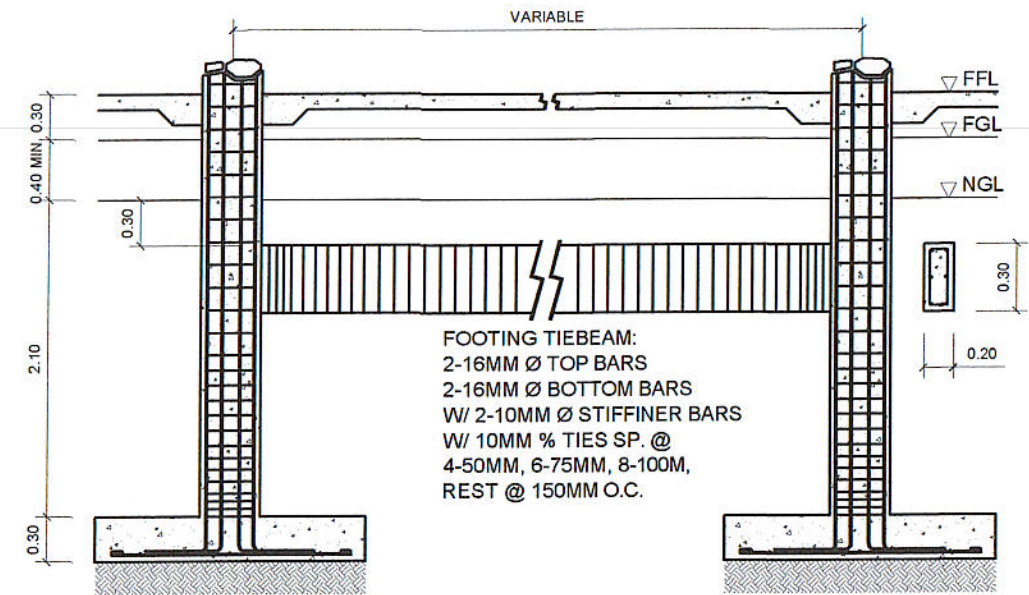


C2 - F2

COLUMN-FOOTING DETAIL  
SCALE 1: 50 M.



SECTION OF WF 1



DETAIL OF TIE BEAM  
SCALE 1: 50 M.

SCHEDULE OF COLUMNS & STIFFENER COLS.					
BEAM	DIMENSION	VERTICAL BARS	BAR ARRANGEMENT	LATERAL TIES	REMARKS
C-1	300 x 300	8 - 20 MM Ø		4-50 MM, 4-75 MM, 6-100 MM REST @ 150 MM O.C.	8 - 16 MM, FRM. 2ND FLOOR TO ROOF BEAM
C-2	300 x 300	8 - 20 MM Ø		4-50 MM, 4-75 MM, 6-100 MM REST @ 150 MM O.C.	8 - 16 MM, FRM. 2ND FLOOR TO ROOF BEAM
SC 1	100 x 200	4 - 12 MM Ø		4-50 MM, 4-75 MM, 6-100 MM REST @ 150 MM O.C.	
SC 2	150 x 200	4 - 12 MM Ø		4-50 MM, 4-75 MM, 6-100 MM REST @ 150 MM O.C.	

PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
DCE CEIT

STRUCTL. ENGR:  
*M. Lagasdás Jr.*  
M. LAGASDAS JR.  
DCE CEIT

END USER:  
*Yolanda A. Ilagan*  
YOLANDA A. ILAGAN  
DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
R. V. NUESTRO  
DEAN CEIT

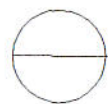
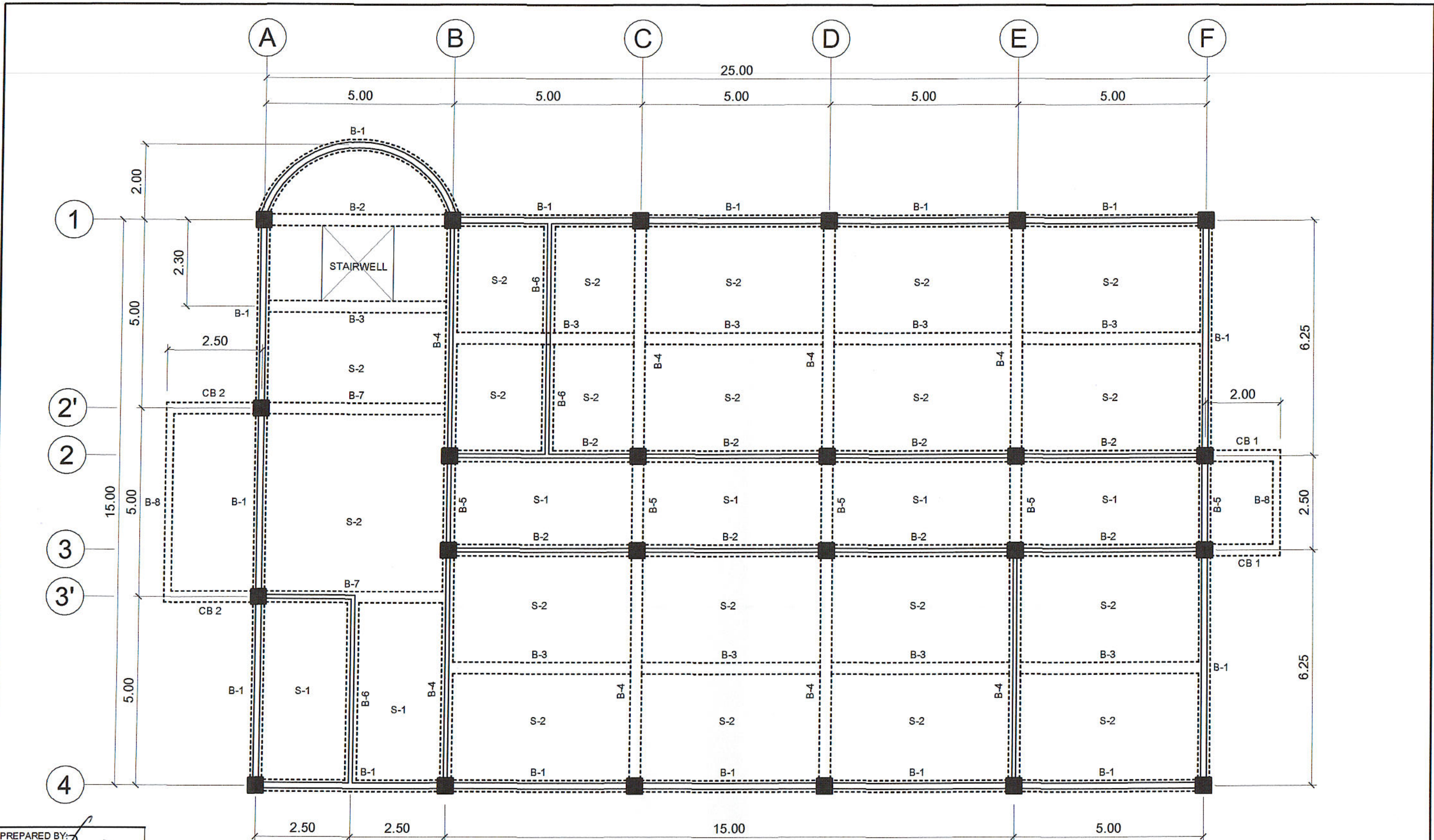
REC APPROVAL:  
*H. D. Robles*  
H. D. ROBLES  
VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
D. C. CHAVEZ  
PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
PROPOSED HRM HOSTEL  
CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
CAVITE STATE UNIVERSITY

SHT. NO.  
S - 2



2ND FLOOR BEAM STRUCTURAL PLAN

SCALE

1: 100 M.

PREPARED BY:  
  
 E. N. RODEROS JR.  
 DCE CEIT

STRUCTL. ENGR:  
  
 M. DAGASDAS JR.  
 DCE CEIT

END USER:  
  
 YOLANDA A. LAGAN  
 DEAN CARMONA CAMPUS

ENDORSED BY:  
  
 R. V. NUESTRO  
 DEAN CEIT

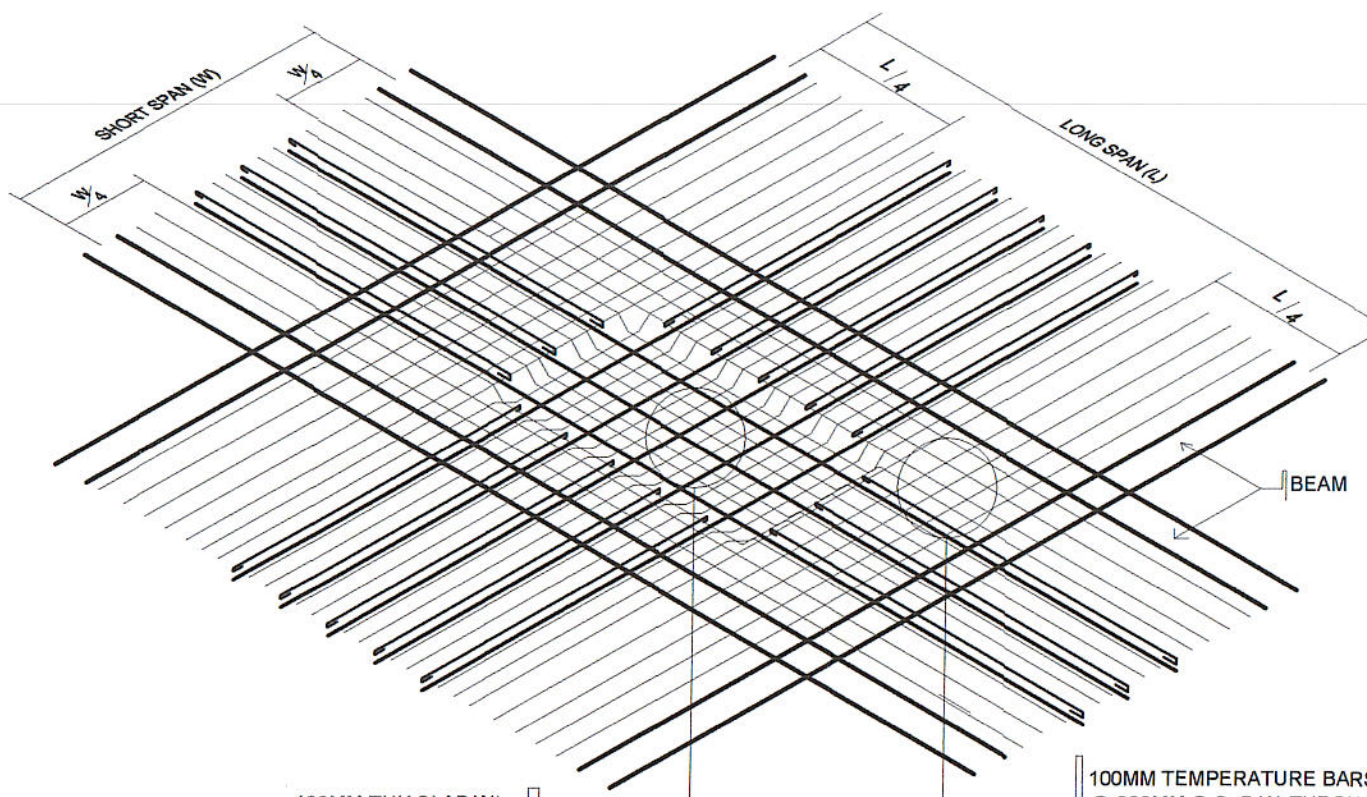
REC APPROVAL:  
  
 H. D. ROBLES  
 VPASS CVSU

APPROVED BY:  
  
 D. C. CHAVEZ  
 PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
 PROPOSED HRM HOSTEL  
 CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
 CAVITE STATE UNIVERSITY

SHT. NO.  
 S - 3



100MM THK SLAB W/  
12MMØ BARS @ 150MM O.C.B.W.  
2 OUT OF 3 ALTERNATE  
BENT UP / STRAIGHTBAR

100MM TEMPERATURE BARS  
@ 300MM O.C. B.W. THROUGHOUT  
THE COLUMN STRIP

DETAIL OF TWO-WAY SLAB (S-2)

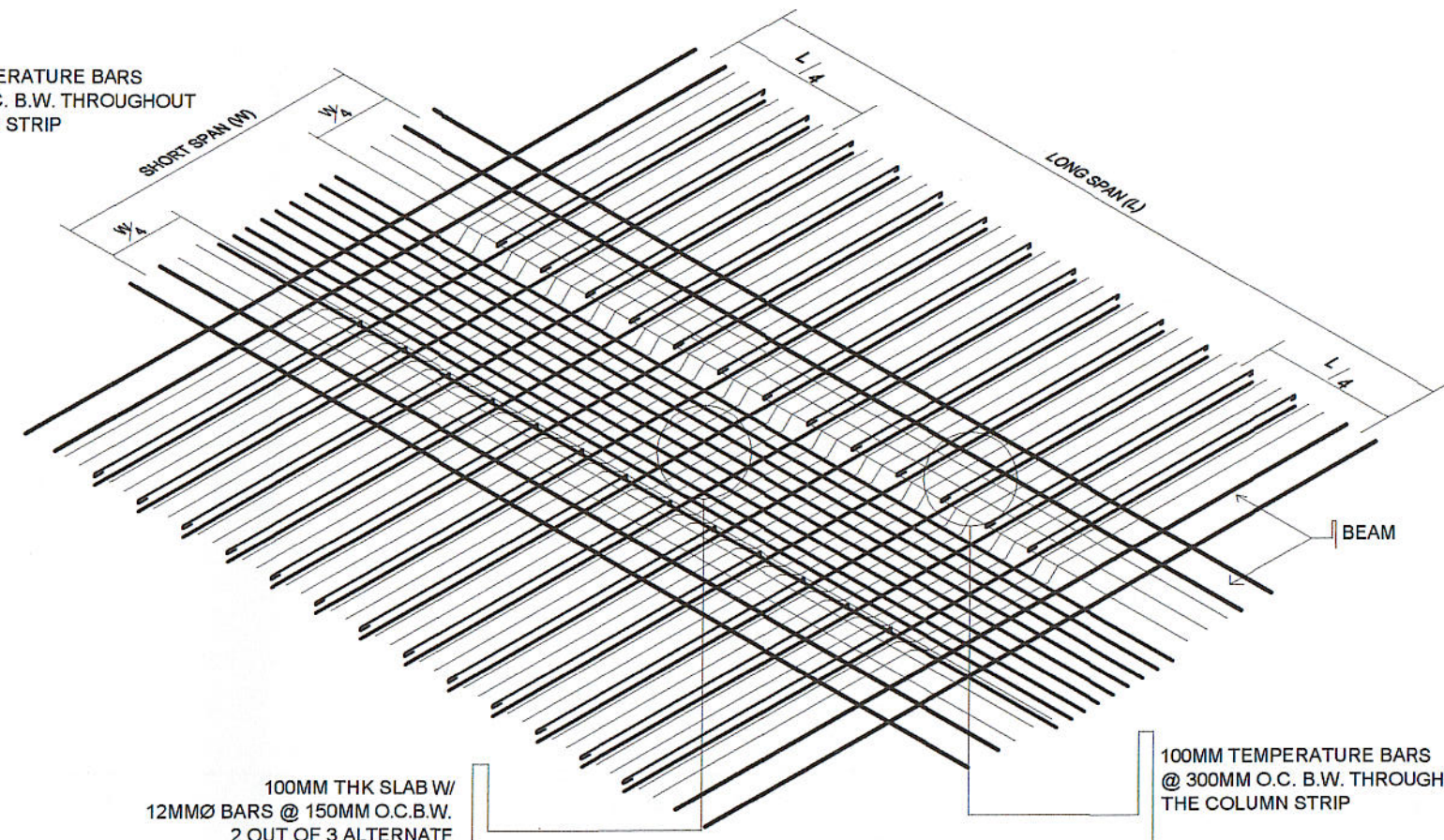


DETAIL OF SLAB REINFORCEMENT

SCALE

NTS

SCHEDULE OF BEAMS							
BEAM	DIMENSION	SUPPORT		MIDSPAN		LATERAL TIES	REMARKS
		TOP	BOTTOM	TOP	BOTTOM		
B - 1	300 x 450	5 - 16 MM Ø	3 - 16 MM Ø	3 - 16 MM Ø	5 - 16 MM Ø	2-10 MM Ø	
B - 2	300 x 450	5 - 16 MM Ø	3 - 16 MM Ø	3 - 16 MM Ø	5 - 16 MM Ø	2-10 MM Ø	
B - 3	300 x 450	3-25 MM Ø	5-25 MM Ø	3-25 MM Ø	5-25 MM Ø	2-10 MM Ø	
B - 4	300 x 450	5-25 MM Ø	3-25 MM Ø	3-25 MM Ø	5-25 MM Ø	2-10 MM Ø	
B - 5	250 x 400	3-25 MM Ø	2-25 MM Ø	2-25 MM Ø	3-25 MM Ø	2-10 MM Ø	
B - 6	300 x 450	3 - 16 MM Ø	5 - 16 MM Ø	3 - 16 MM Ø	5 - 16 MM Ø	2-10 MM Ø	
B - 7	250 x 400	3 - 16 MM Ø	5 - 16 MM Ø	3 - 16 MM Ø	5 - 16 MM Ø	2-10 MM Ø	
TB	200 x 300	2-16 MM Ø	2-16 MM Ø	2-16 MM Ø	2-16 MM Ø	2-10 MM Ø	
CB 1	300 x 450	5 - 16 MM Ø	3 - 16 MM Ø	5 - 16 MM Ø	3 - 16 MM Ø	2-10 MM Ø	
CB 2	300 x 450	5 - 20 MM Ø	3 - 20 MM Ø	5 - 20 MM Ø	3 - 20 MM Ø	2-10 MM Ø	
B - 8	200 x 450	3 - 16 MM Ø	2 - 16 MM Ø	2 - 16 MM Ø	3 - 16 MM Ø	2-10 MM Ø	



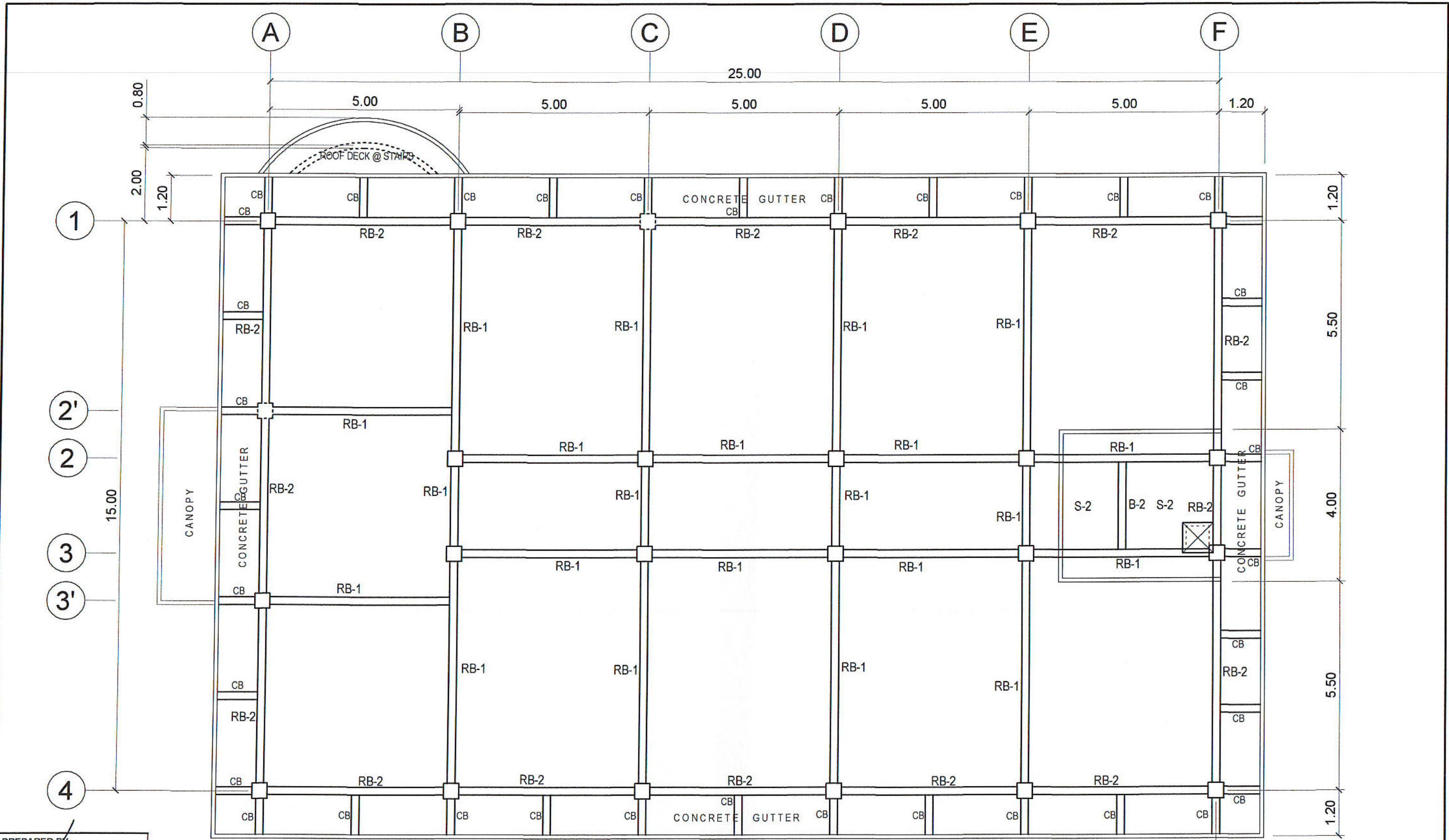
100MM THK SLAB W/  
12MMØ BARS @ 150MM O.C.B.W.  
2 OUT OF 3 ALTERNATE  
BENT UP / STRAIGHTBAR

100MM TEMPERATURE BARS  
@ 300MM O.C. B.W. THROUGHOUT  
THE COLUMN STRIP

DETAIL OF ONE-WAY SLAB (S-1)

PREPARED BY:  
*E. N. RODEROS JR.*  
E. N. RODEROS JR.  
DCE CEIT

STRUCTL. ENGR:	END USER:	ENDORSED BY:	REC APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	SHT. NO.
<i>M. D. GARDAS JR.</i> DCE CEIT	<i>Yolanda A. Lagan</i> YOLANDA A. LAGAN DEAN CARMONA CAMPUS	<i>R. V. NUESTRO</i> R. V. NUESTRO DEAN CEIT	<i>H. D. ROBLES</i> H. D. ROBLES VPASS CVSU	<i>D. C. CHAVEZ</i> D. C. CHAVEZ PRESIDENT CVSU	PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	CAVITE STATE UNIVERSITY	S - 4



**ROOF BEAM PLAN**

SCALE 1: 100 M.

PREPARED BY:  
*E. N. RODEROS JR.*  
 PPU CEIT

STRUCTL. ENGR:  
*M. TAGASDAS JR.*  
 DCE CEIT

END USER:  
*Yolanda A. Ilagan*  
 YOLANDA A. ILAGAN  
 DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. NUESTRO*  
 R. V. NUESTRO  
 DEAN CEIT

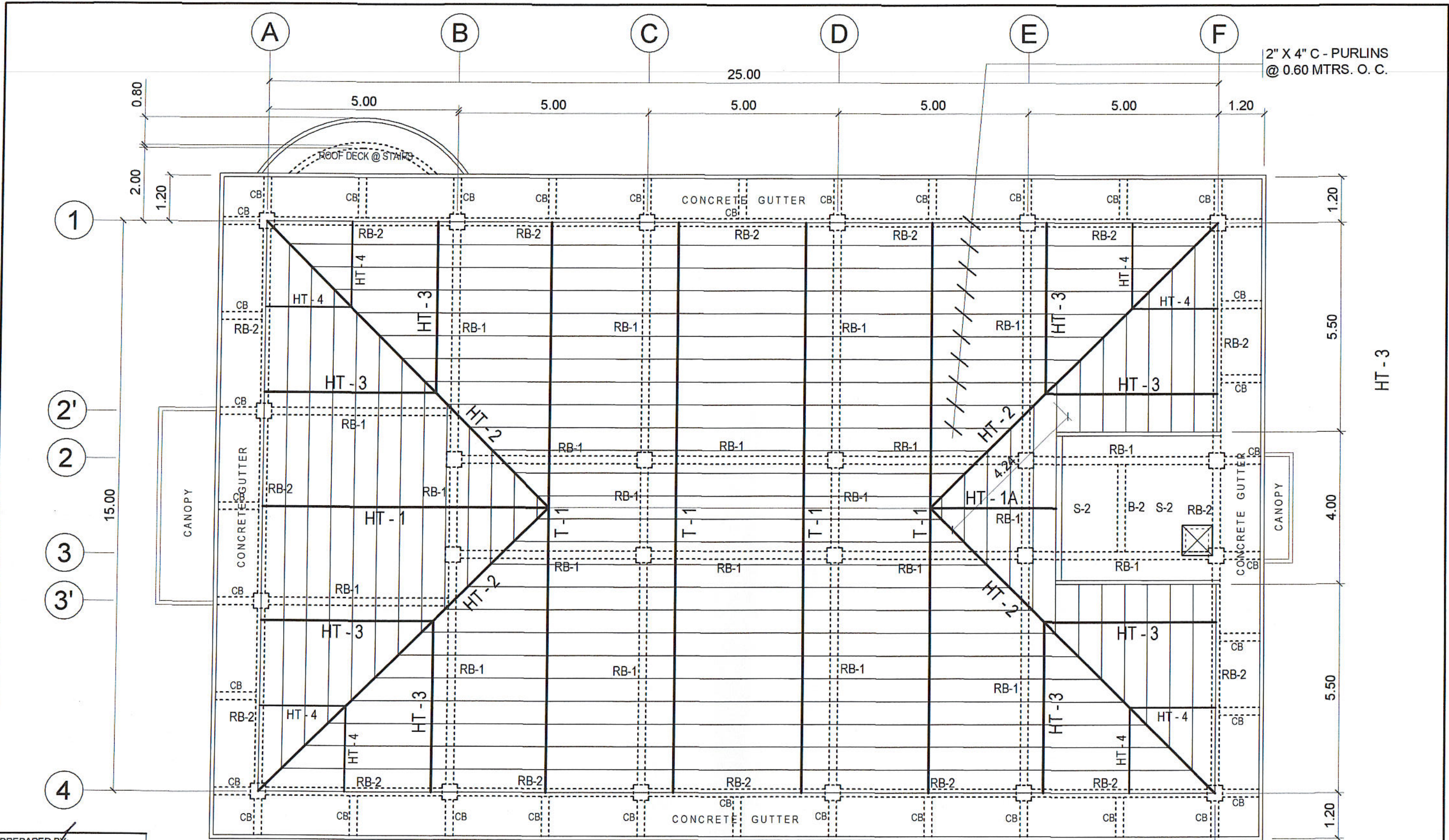
REC APPROVAL:  
*W. D. ROBLES*  
 W. D. ROBLES  
 VPASS CVSU

APPROVED BY:  
*D. C. CHAVEZ*  
 D. C. CHAVEZ  
 PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
 PROPOSED HRM HOSTEL  
 CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
 CAVITE STATE UNIVERSITY

SHT. NO.  
 S - 5



**ROOF FRAMING PLAN**  
SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
PPU CEIT

END USER:  
*Yolanda A. Ilagan*  
YOLANDA A. ILAGAN  
DCE DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
R. V. NUESTRO  
DEAN CEIT

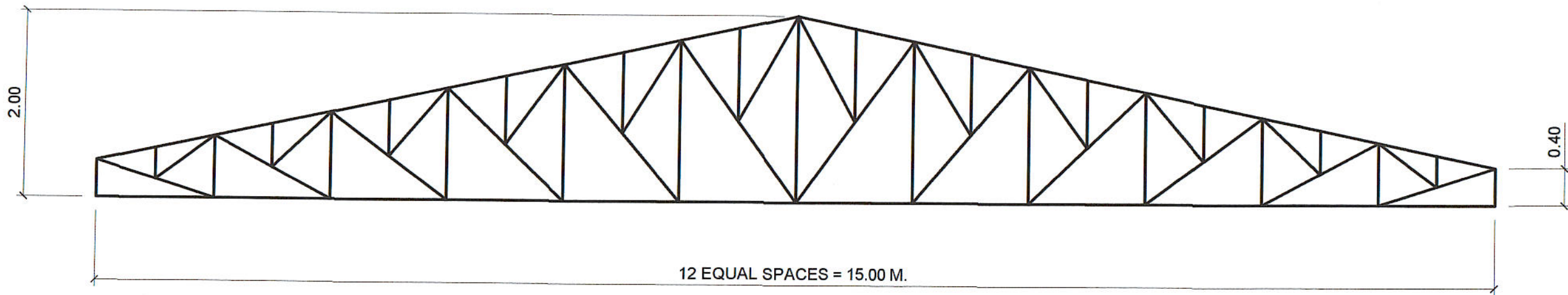
REC'D APPROVAL:  
*H. D. Robles*  
H. D. ROBLES  
VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
D. C. CHAVEZ  
PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
PROPOSED HRM HOSTEL  
CVSU CARMONA CAMPUS

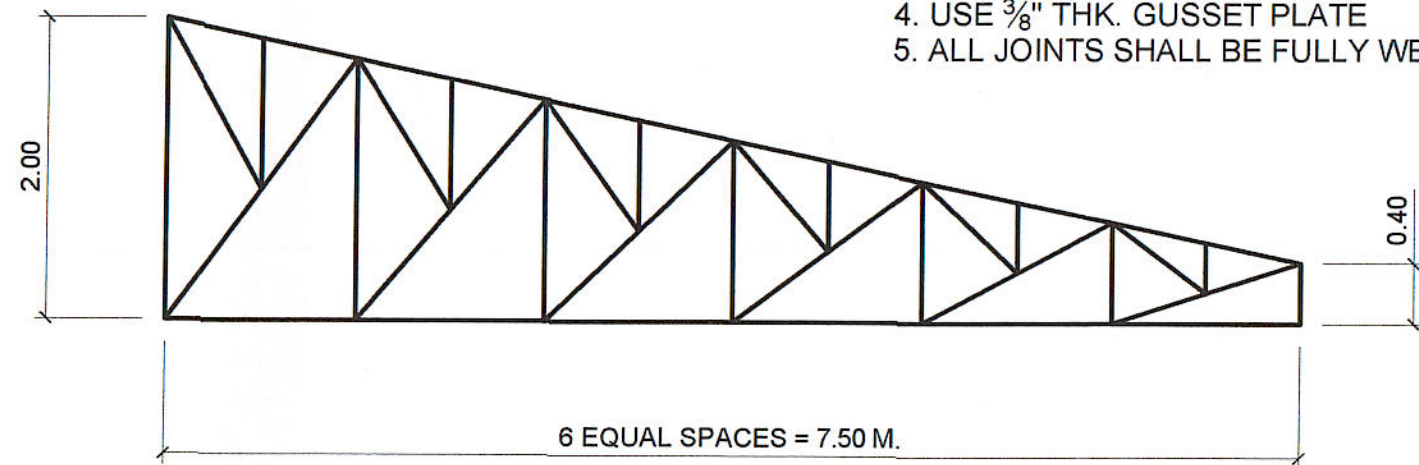
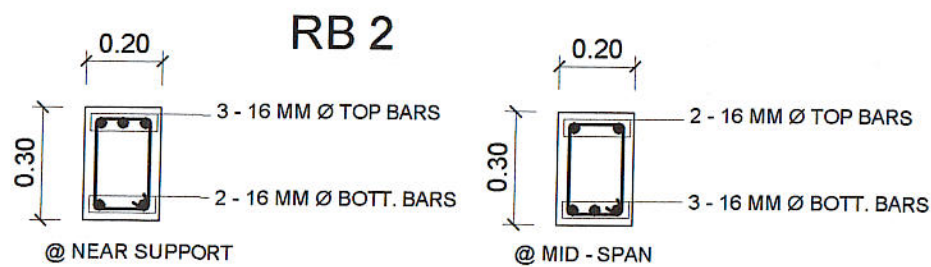
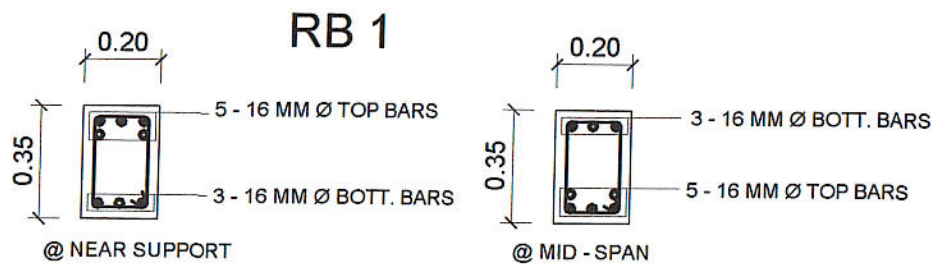
IMPLEMENTING AGENCY:  
CAVITE STATE UNIVERSITY

SHT. NO.  
S - 6

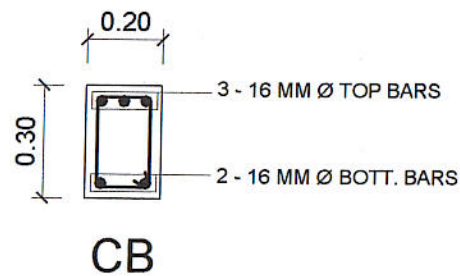


TRUSS DIAGRAM ( T - 1 )  
SCALE 1: 50 M.

- NOTE : FOR T-1, HT-1, HT-1A & HT-2,
1. USE 2 - 2 1/2" X 2 1/2" X 1/4" ANGLE BARS FOR TOP CHORD and BOTTOM CHORD
  2. USE 2 - 2" X 2" X 1/4" ANGLE BARS FOR WEB MEMBERS
  3. USE 2" X 4" CEE PURLINS SP. @ 0.60 O.C.
  4. USE 3/8" THK. GUSSET PLATE
  5. ALL JOINTS SHALL BE FULLY WELDED



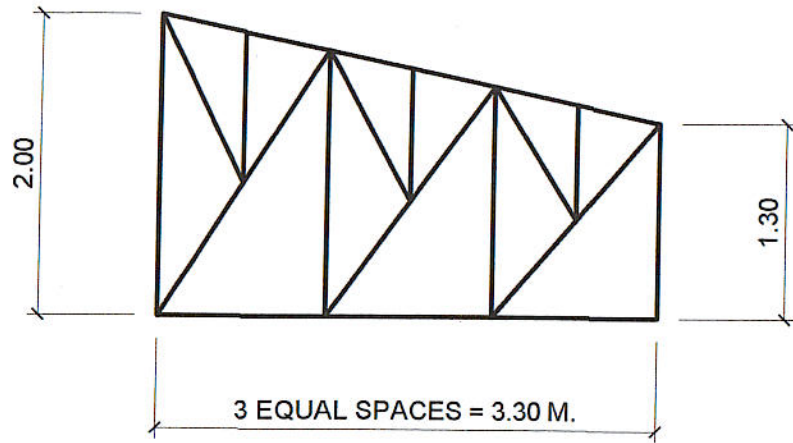
TRUSS DIAGRAM ( HT - 1 )  
SCALE 1: 50 M.



PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
PPU CEIT

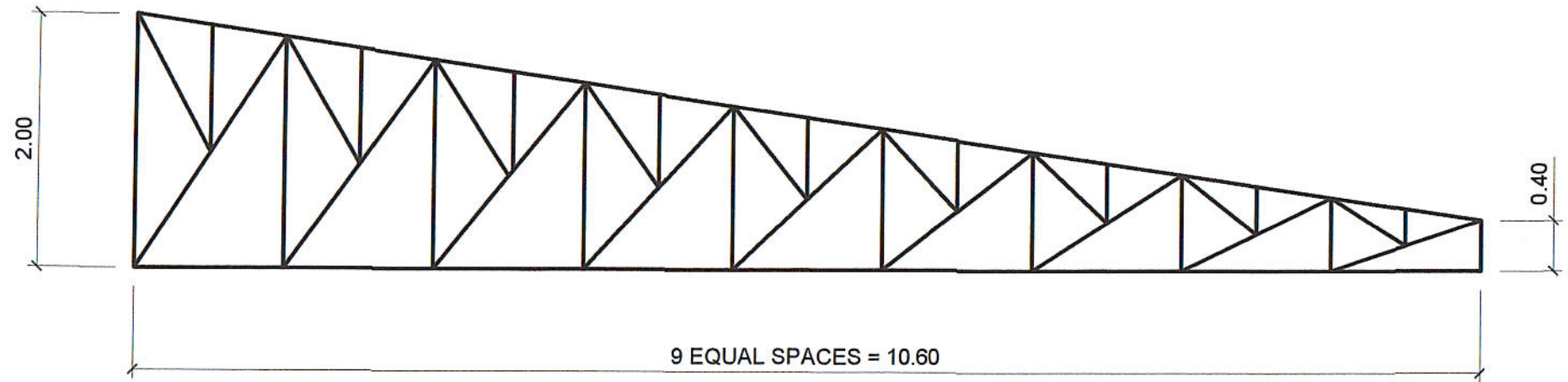
STRÚCTL. ENGR: <i>M. D. Casadas Jr.</i> DCE CEIT	END USER: <i>Yolanda Aulagan</i> YOLANDA AULAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. S - 7
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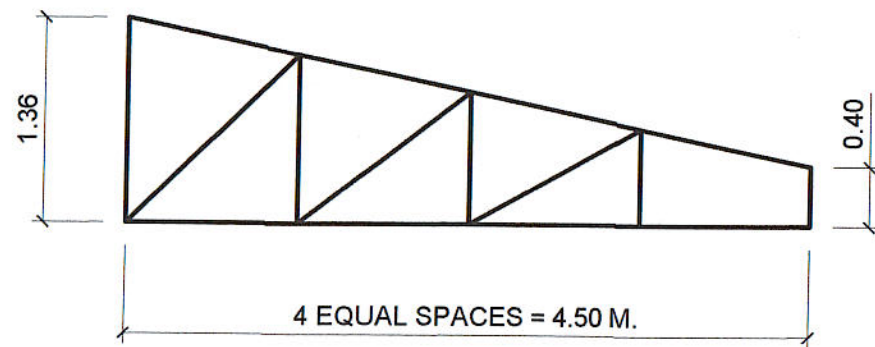
TRUSS ( HT - 1A )

SCALE 1: 50 M.



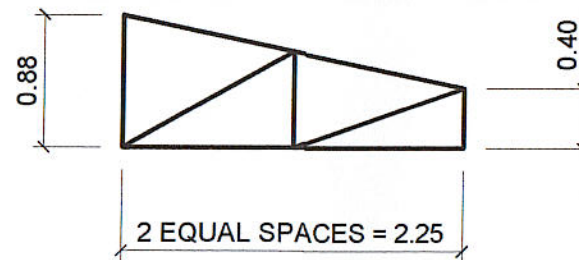
TRUSS ( HT - 2 )

SCALE 1: 50 M.



TRUSS ( HT - 3 )

SCALE 1: 50 M.



TRUSS ( HT - 4 )

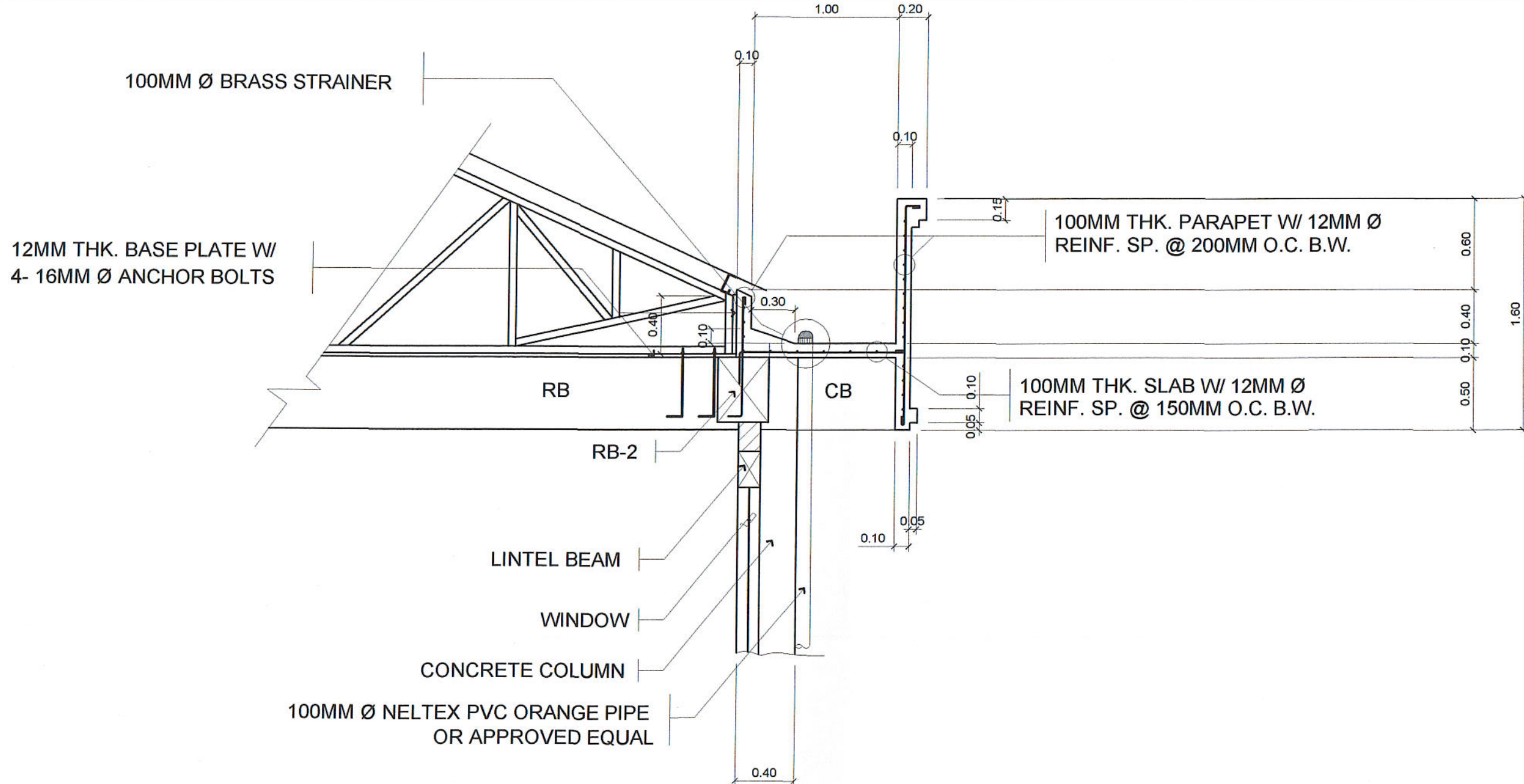
SCALE 1: 50 M.

NOTE : FOR HT-3 & HT-4

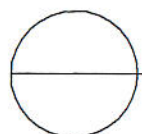
1. USE 2 1/2" X 2 1/2" X 1/4" ANGLE BARS FOR TOP CHORD AND BOTTOM CHORD
2. USE 2" X 2" X 1/4" ANGLE BARS FOR WEB MEMBERS
2. USE 2" X 4" CEE PURLINS SP. @ 0.60 O.C.
3. USE 3/8" THK. GUSSET PLATE
4. ALL JOINTS SHALL BE FULLY WELDED

PREPARED BY:  
  
 E. N. RODEROS JR.  
 PPU CEIT

STRUCTL. ENGR:  M. DAGASDAS JR. ECE CEIT	END USER:  YOLANDA A. ILAGAN DEAN CARMONA CAMPUS	ENDORSED BY:  R.V. NUESTRO DEAN CEIT	REC APPROVAL:  H.D. ROBLES VPASS CVSU	APPROVED BY:  D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. S - 8
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### DETAIL OF CONCRETE GUTTER



SCALE

1 : 25 MTS

PREPARED BY:  
*E. N. Roderos Jr.*  
 E. N. RODEROS JR.  
 PPU CEIT

STRUCTL. ENGR:  
*M. D. Gasdas Jr.*  
 M. D. GASDAS JR.  
 DCE CEIT

END USER:  
*Yolanda A. Ilagan*  
 YOLANDA A. ILAGAN  
 DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
 R. V. NUESTRO  
 DEAN CEIT

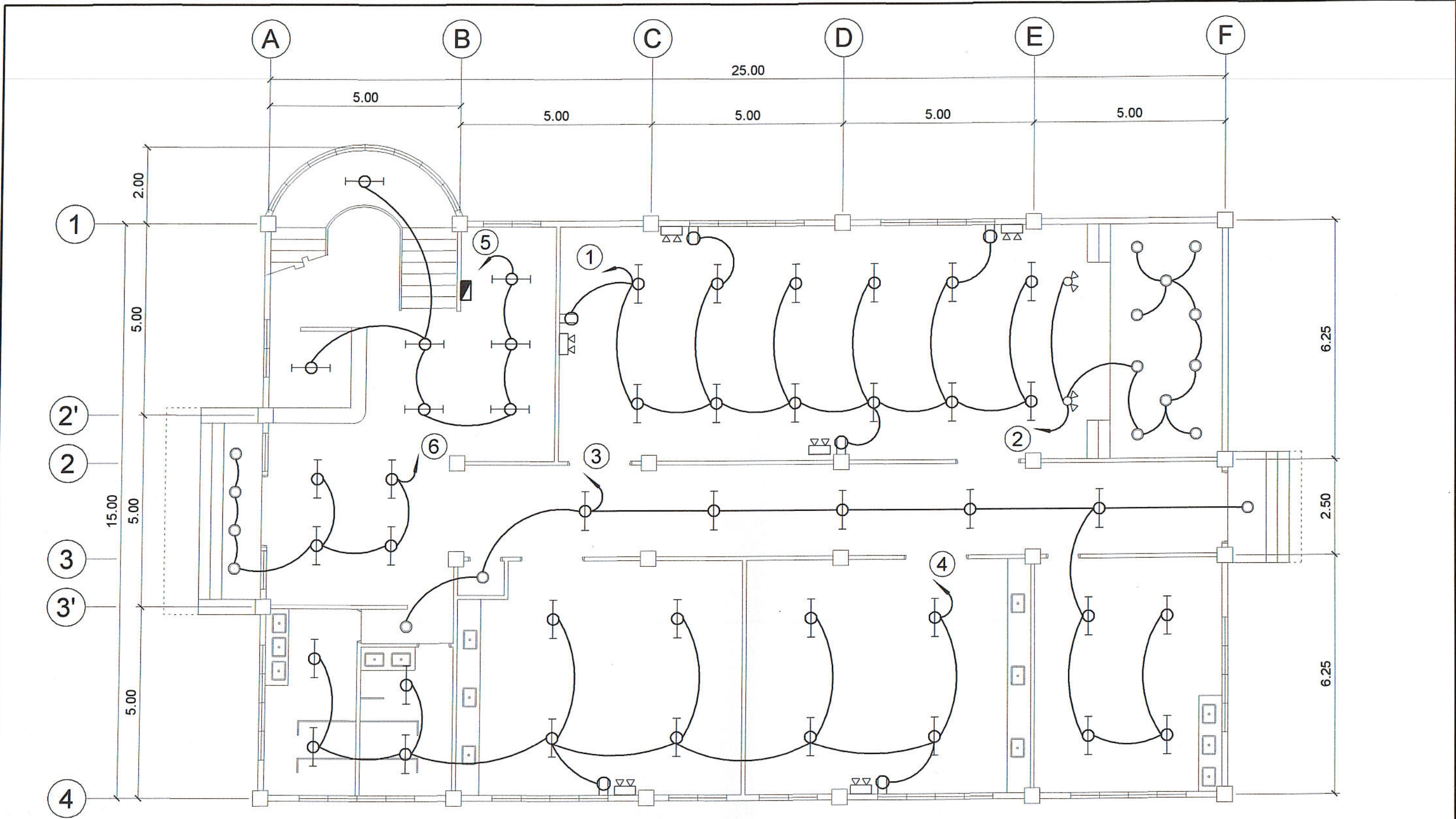
REC APPROVAL:  
*H. D. Robles*  
 H. D. ROBLES  
 VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
 D. C. CHAVEZ  
 PRESIDENT CVSU

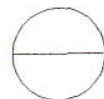
PROJECT TITLE / LOCATION:  
 PROPOSED HRM HOSTEL  
 CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
 CAVITE STATE UNIVERSITY

SHT. NO.  
 S - 9



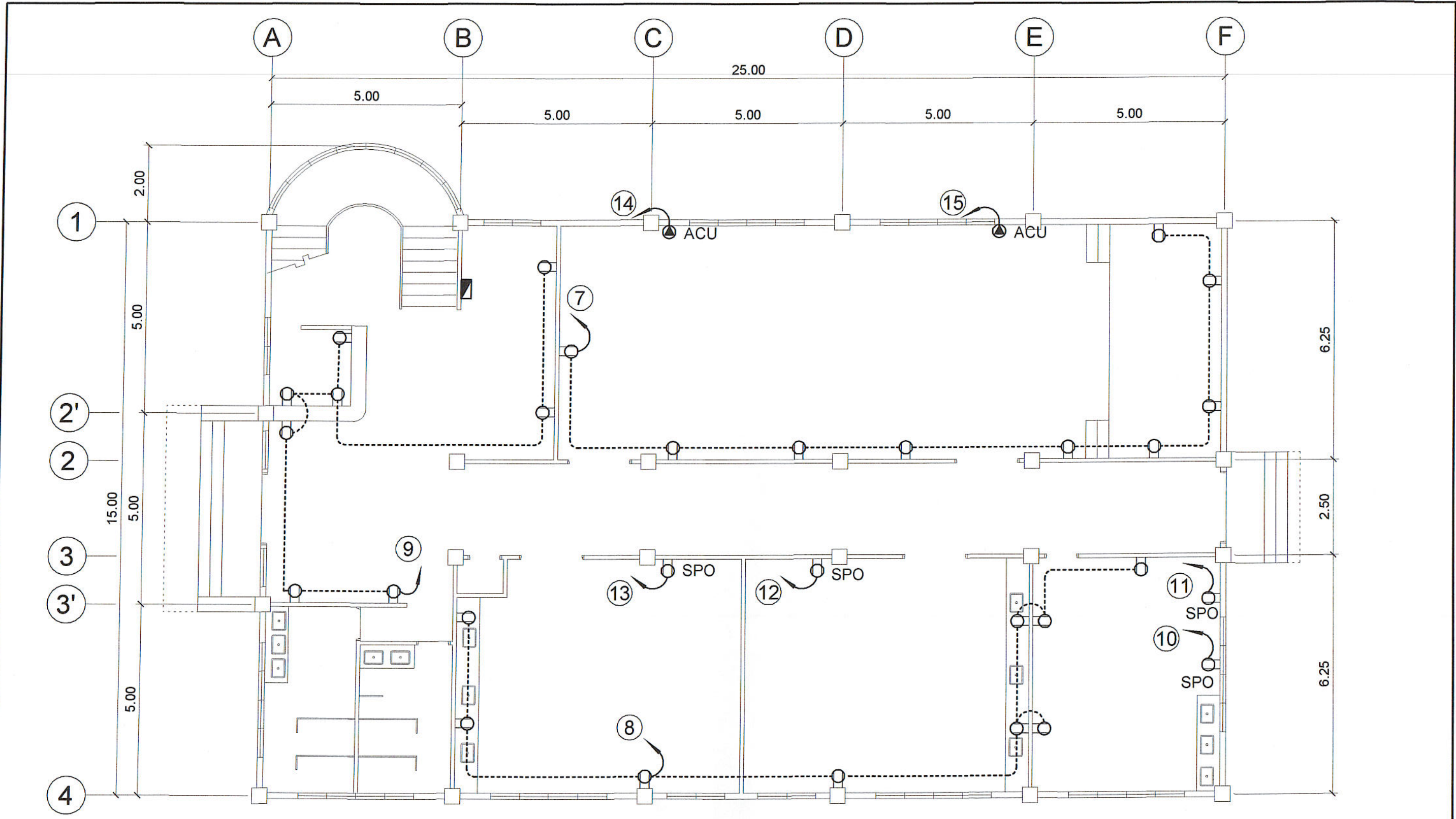
**GROUND FLOOR  
LIGHTING LAYOUT**



SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
PPU CEIT

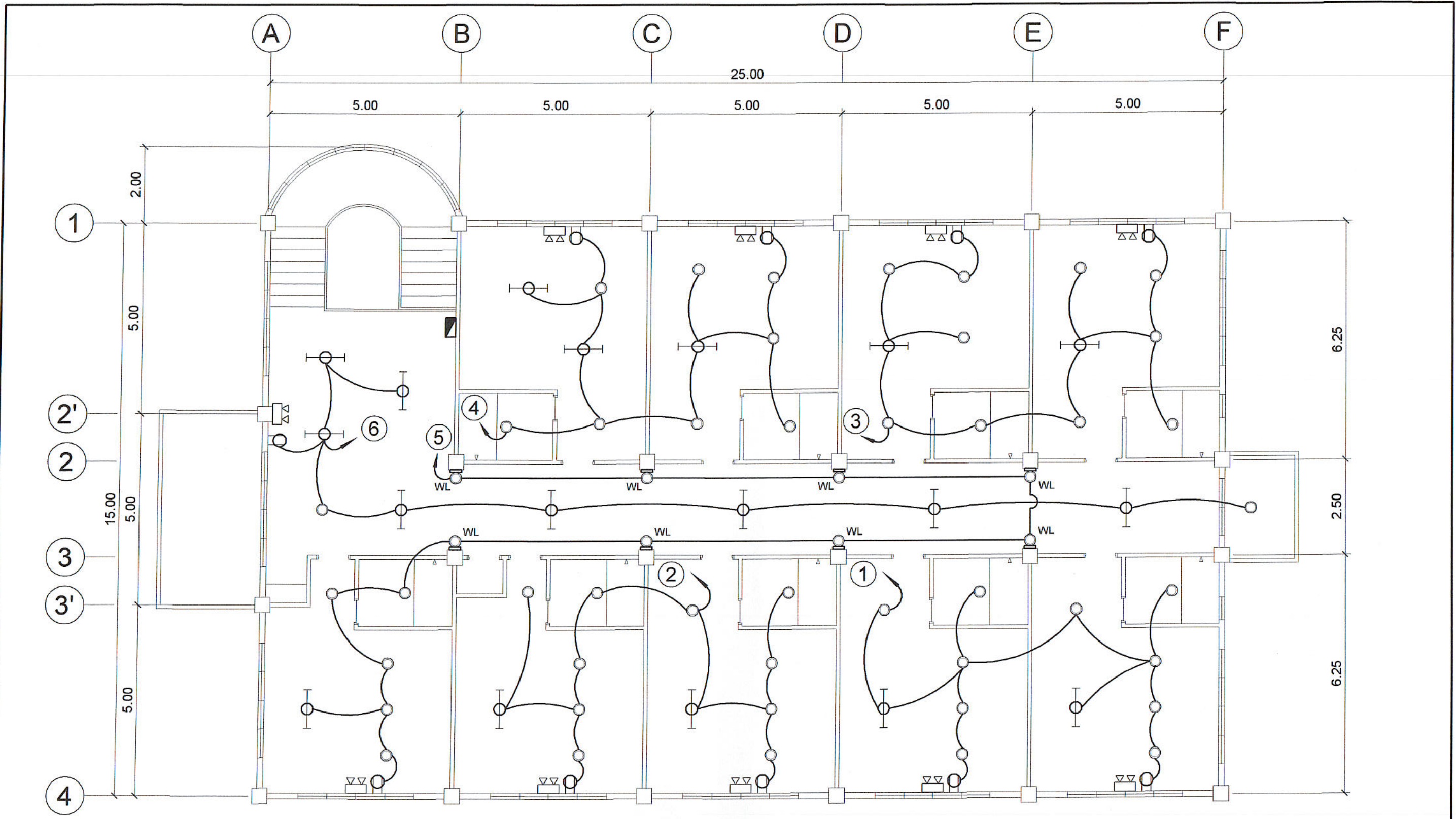
ELECTL. ENGR:	END USER:	ENDORSED BY:	REC APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	SHT. NO.
<i>Ronald P. Peña</i> RONALD P. PEÑA DCEE CEIT	<i>Yolanda Dilagan</i> YOLANDA DILAGAN DEAN CARMONA CAMPUS	<i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	<i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	<i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	CAVITE STATE UNIVERSITY	E - 1



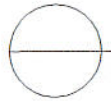
**GROUND FLOOR  
POWER LAYOUT**

SCALE 1: 100 M.

PREPARED BY: <i>E. N. RODEROS JR.</i> E. N. RODEROS JR. PPU CEIT		ENDORSED BY: <i>R. V. NUESTRO</i> R. V. NUESTRO DEAN CEIT		APPROVED BY: <i>D. C. CHAVEZ</i> D. C. CHAVEZ PRESIDENT CVSU		PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS		IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY		SHT. NO. E -2
ELECTL. ENGR: <i>Ronald P. Peña</i> RONALD P. PEÑA DCEE CEIT		END USER: <i>Yolanda A. Ilagan</i> YOLANDA A. ILAGAN DEAN CARMONA CAMPUS		REC APPROVAL: <i>H. D. ROBLES</i> H. D. ROBLES VPASS CVSU						



**SECOND FLOOR  
LIGHTING LAYOUT**



SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
PPU CEIT

ELECTL. ENGR:  
*Ronald P. Peña*  
RONALD P. PEÑA  
DCEE CEIT

END USER:  
*Yolanda A. Ilagan*  
YOLANDA A. ILAGAN  
DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
R. V. NUESTRO  
DEAN CEIT

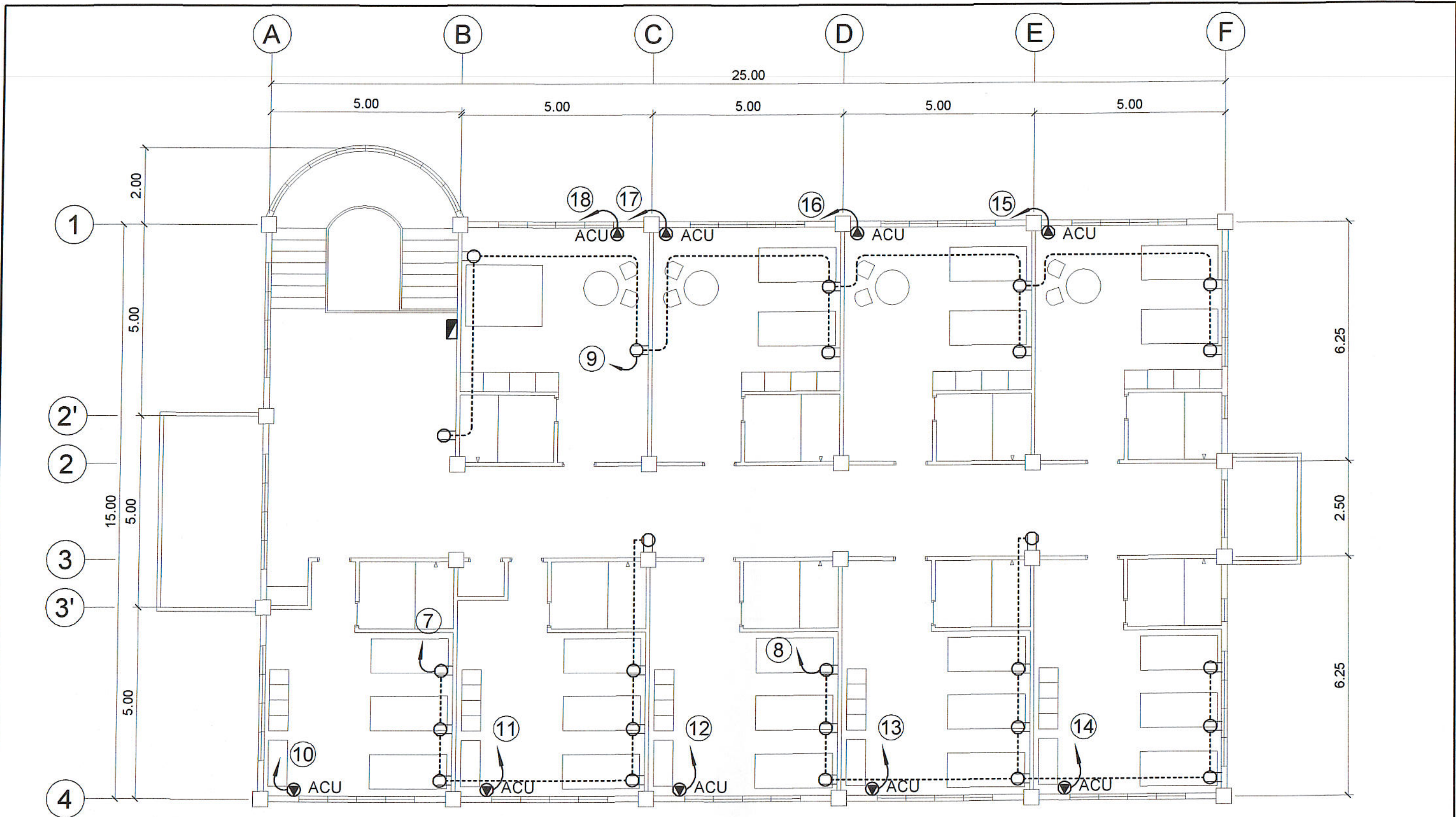
REC APPROVAL:  
*H. D. Robles*  
H. D. ROBLES  
VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
D. C. CHAVEZ  
PRESIDENT CVSU

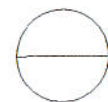
PROJECT TITLE / LOCATION:  
PROPOSED HRM HOSTEL  
CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
CAVITE STATE UNIVERSITY

SHT. NO.  
E - 3



**SECOND FLOOR  
POWER LAYOUT**



SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
**E. N. RODEROS JR.**  
PPU CEIT

ELECTL. ENGR:  
*Ronald P. Peña*  
**RONALD P. PEÑA**  
DCEE CEIT

END USER:  
*Yolanda A. Alagan*  
**YOLANDA A. ALAGAN**  
DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
**R. V. NUESTRO**  
DEAN CEIT

REC APPROVAL:  
*H. D. Robles*  
**H. D. ROBLES**  
VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
**D. C. CHAVEZ**  
PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
**PROPOSED HRM HOSTEL**  
CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
**CAVITE STATE UNIVERSITY**

SHT. NO.  
**E - 4**

**PANEL BOARD: LP1**

**Location : Proposed HRM Hostel CvSU Carmona Campus**

*3 - Phase 3 - Wire + Ground 230 volts surface mounted*

Circuit No.	No. of Outlets	Load Description	Rating of Load				Size of Conductor			Size Of Conduit In MM Ø	Circuit Protection							
			S1	S2	S3	S3w	HP	Volts	Volt-Ampere			MM <sup>2</sup> THHN	MM <sup>2</sup> THHN (G)	AT	AF	POLE	Type	
									AB	BC	CA							
1	16	Lighting Outlet						230	1600			2 - 2.0		20	15	100	2	B - ON
2	12	Lighting Outlet						230		1200		2 - 2.0		20	15	100	2	B - ON
3	12	Lighting Outlet						230			1200	2 - 2.0		20	15	100	2	B - ON
4	16	Lighting Outlet						230	1600			2 - 2.0		20	15	100	2	B - ON
5	7	Lighting Outlet						230		700		2 - 2.0		20	15	100	2	B - ON
6	8	Lighting Outlet						230	800			2 - 2.0		20	15	100	2	B - ON
7	9	Conv. Outlet						230		1800		2 - 3.5		20	20	100	2	B - ON
8	9	Conv. Outlet						230			1800	2 - 3.5		20	20	100	2	B - ON
9	8	Conv. Outlet						230	1600			2 - 3.5		20	20	100	2	B - ON
10	1	Special Purpose Outlet						230		1500		2 - 3.5 + 1 - 2.0		20	20	100	2	B - ON
11	1	Special Purpose Outlet						230			1500	2 - 3.5 + 1 - 2.0		20	20	100	2	B - ON
12	1	Special Purpose Outlet						230	1500			2 - 3.5 + 1 - 2.0		20	20	100	2	B - ON
13	1	Special Purpose Outlet						230	1500			2 - 3.5 + 1 - 2.0		20	20	100	2	B - ON
14	1	Split Type ACU						230			3500	2 - 5.5 + 1 - 2.0		20	40	100	2	B - ON
15	1	Split Type ACU						230		3500		2 - 5.5 + 1 - 2.0		20	40	100	2	B - ON
16		SPARE										+						
		TOTAL						230	8600	8700	8000	3 - 22 THHN + 1 - 8.0 THW		40	75	100	3	B - ON

*FEEDER and CURRENT PROTECTION COMPUTATION:*

$$I_{FL} = \frac{\{(3 \times 8700) + (0.25 \times 3500)\} \times DF}{230 \times 1.732} = 54.17 \text{ Amperes}$$

USE:

MAIN : 75 AT, 100AF, 240V, 3P CB, 20 KAIC, with solid neutral  
 FEEDER: 3 - 22 SQ. MM THHN + 1 - 8.0 SQ MM THW (G) in 40 MM dia IMC

**SCHEDULE OF LOADS**

PREPARED BY: E. N. RODEROS JR. PPU CEIT	SCHEDULE OF LOADS							SHT. NO. E - 5
ELECTL. ENGR: RONALD P. PEÑA DCEE CEIT	END USER: YOLANDA A. LAGAN DEAN CARMONA CAMPUS	ENDORSED BY: R. V. NUESTRO DEAN CEIT	REC APPROVAL: H. D. ROBLES VPASS CVSU	APPROVED BY: D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY		

**PANEL BOARD: LP2**

**Location : Proposed HRM Hostel CvSU Carmona Campus**

**3 - Phase 3 - Wire + Ground 230 volts surface mounted**

Circuit No.	No. of Outlets	Load Description					Rating of Load			Size of Conductor		Size Of Conduit In MM Ø	Circuit Protection				
			S1	S2	S3	S3w	HP	Volts	Volt-Ampere				MM <sup>2</sup> THHN	MM <sup>2</sup> THHN (G)	AT	AF	POLE
									AB	BC	CA						
1	14	Lighting Outlet					230	1400			2 - 2.0	20	15	100	2		B - ON
2	14	Lighting Outlet					230		1400		2 - 2.0	20	15	100	2		B - ON
3	14	Lighting Outlet					230			1400	2 - 2.0	20	15	100	2		B - ON
4	13	Lighting Outlet					230	1300			2 - 2.0	20	15	100	2		B - ON
5	15	Lighting Outlet					230		1500		2 - 2.0	20	15	100	2		B - ON
6	12	Lighting Outlet					230			1200	2 - 2.0	20	15	100	2		B - ON
7	7	Conv. Outlet					230	1400			2 - 3.5	20	20	100	2		B - ON
8	10	Conv. Outlet					230		2000		2 - 3.5	20	20	100	2		B - ON
9	9	Conv. Outlet					230			1800	2 - 3.5	20	20	100	2		B - ON
10	1	Room ACU					230	1500			2 - 3.5 + 1 - 2.0	20	30	100	2		B - ON
11	1	Room ACU					230		1500		2 - 3.5 + 1 - 2.0	20	30	100	2		B - ON
12	1	Room ACU					230			1500	2 - 3.5 + 1 - 2.0	20	30	100	2		B - ON
13	1	Room ACU					230	1500			2 - 3.5 + 1 - 2.0	20	30	100	2		B - ON
14	1	Room ACU					230		1500		2 - 5.5 + 1 - 2.0	20	30	100	2		B - ON
15	1	Room ACU					230			1500	2 - 5.5 + 1 - 2.0	20	30	100	2		B - ON
16	1	Room ACU					230	1500			2 - 5.5 + 1 - 2.0	20	30	100	2		B - ON
17	1	Room ACU					230		1500		2 - 5.5 + 1 - 2.0	20	30	100	2		B - ON
18	1	Room ACU					230			1500	2 - 5.5 + 1 - 2.0	20	30	100	2		B - ON
19		SPARE															
20		SPARE									+						
		<b>TOTAL</b>					230	8600	9400	8900	3 - 22 THHN + 1 - 8.0 THW	40	75	100	3		B - ON

FEEDER and CURRENT PROTECTION COMPUTATION:

$$I_{FL} = \frac{[(3 \times 9400) + (0.25 \times 1500)] \times DF}{230 \times 1.732} = 57.39 \text{ Amperes}$$

USE:

MAIN : 75 AT, 100AF, 240V, 3P CB, 20 KAIC, with solid neutral  
 FEEDER: 3 - 22 SQ. MM THHN + 1 - 8.0 SQ MM THW (G) in 40 MM dia IMC

**SCHEDULE OF LOADS**

PREPARED BY: E. N. RODEROS JR. PPU CEIT		END USER: YOLANDA A. LAGAN DEAN CARMONA CAMPUS		ENDORSED BY: R. V. NUESTRO DEAN CEIT		REC APPROVAL: H. D. ROBLES VPASS CVSU		APPROVED BY: D. C. CHAVEZ PRESIDENT CVSU		PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS		IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY		SHT. NO. E - 6
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**PANEL BOARD: MDP**

**Location : Proposed HRM Hostel CvSU Carmona Campus**

*3 - Phase 3 - Wire + Ground 230 volts surface mounted*

Circuit No.	No. of Outlets	Load Description	Rating of Load					Size of Conductor		Size Of Conduit In MM Ø	Circuit Protection			
			Ø	Volts	Volt-Ampere			MM <sup>2</sup> THHN	MM <sup>2</sup> THHN (G)		AT	AF	POLE	Type
					3Ø	AB	BC			CA				
1	LPG	LIGHTING AND POWER GROUND FLOOR		230		8600	8700	8000	3 - 22 THHN + 1 - 8.0 THW	40	75	100	3	B - ON
2	LP2	LIGHTING AND POWER SECOND FLOOR		230		8600	9400	8900	3 - 22 THHN + 1 - 8.0 THW	40	75	100	3	B - ON
3		SPARE												
4		SPARE												
		TOTAL		230		17200	18100	16900	3 - 30 THHN + 1 - 14 THW	50	100	100	3	B - ON

FEEDER and CURRENT PROTECTION COMPUTATION:

$$I_{FL} = \frac{[(3 \times 18100)] \times DF}{230 \times 1.732} = 95.42 \text{ Amperes}$$

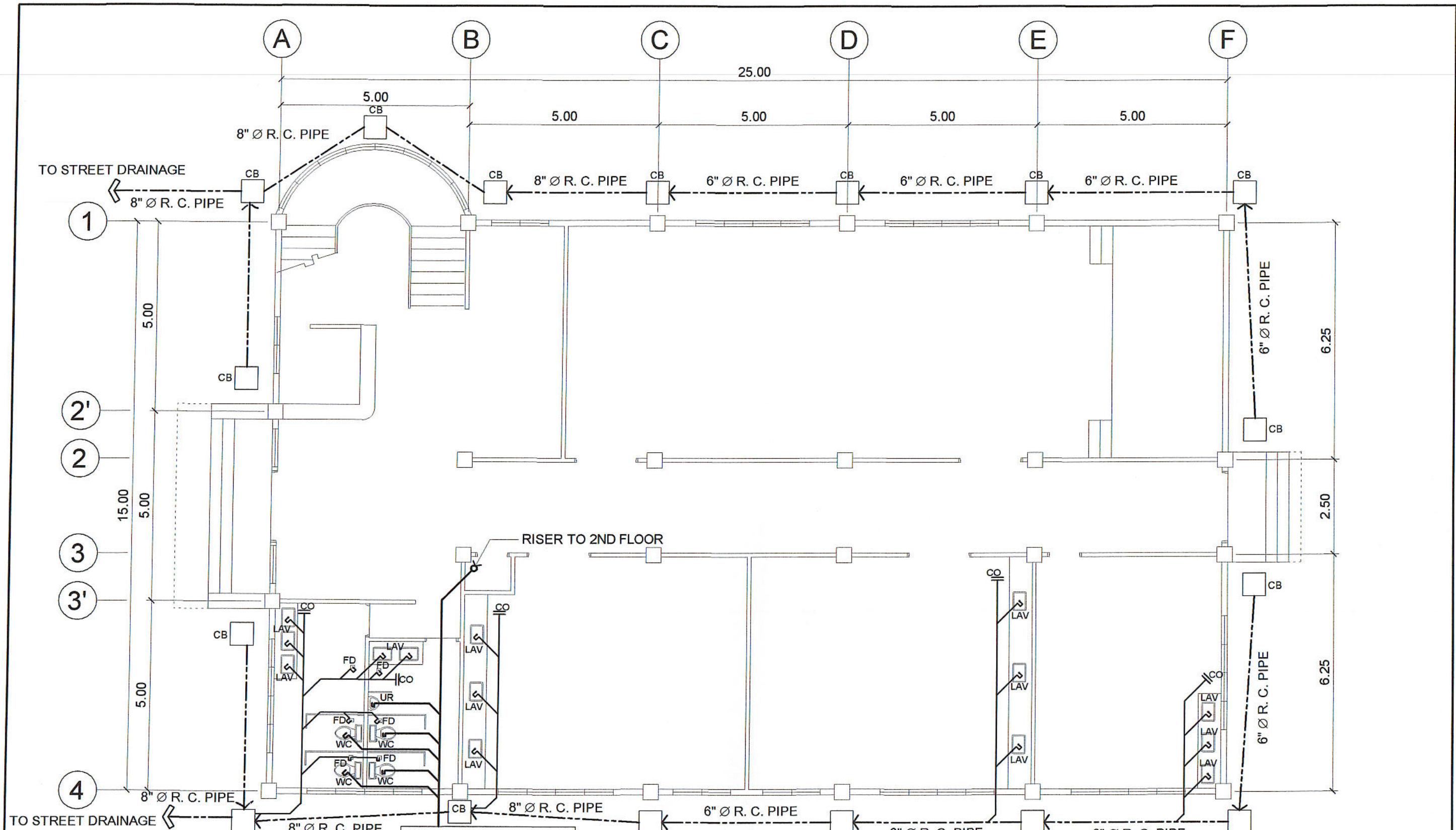
Transformer size : **Kva = 30.22 kva** use **3 - 15 kva single phase distribution transformer 13.8/240/120 volts**

USE:

MAIN : 100 AT, 100AF, 240V, 3P CB, 50 KAIC, w ith solid neutral  
 MAIN FEEDER: 3 - 30 SQ. MM THHN + 1 - 14 SQ MM THW (G) in 50 MM dia IMC

**SCHEDULE OF LOADS**

PREPARED BY: <i>E. N. Roderos Jr.</i> E. N. RODEROS JR. PPU CEIT		END USER: <i>Yolanda A. Lagan</i> YOLANDA A. LAGAN DEAN CARMONA CAMPUS		ENDORSED BY: <i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT		REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU		APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU		PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS		IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY		SHT. NO. E - 7
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GRD. FLR. SEWER LINE LAYOUT & WASTE WATER LINE LAYOUT

SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
 E. N. RODEROS JR.  
 PPU CEIT

REG. MASTER PLUMBER:  
*S. B. Bayot Jr.*  
 S. B. BAYOT JR.  
 PPU CEIT

END USER:  
*Yolanda A. Jagan*  
 YOLANDA A. JAGAN  
 DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
 R. V. NUESTRO  
 DEAN CEIT

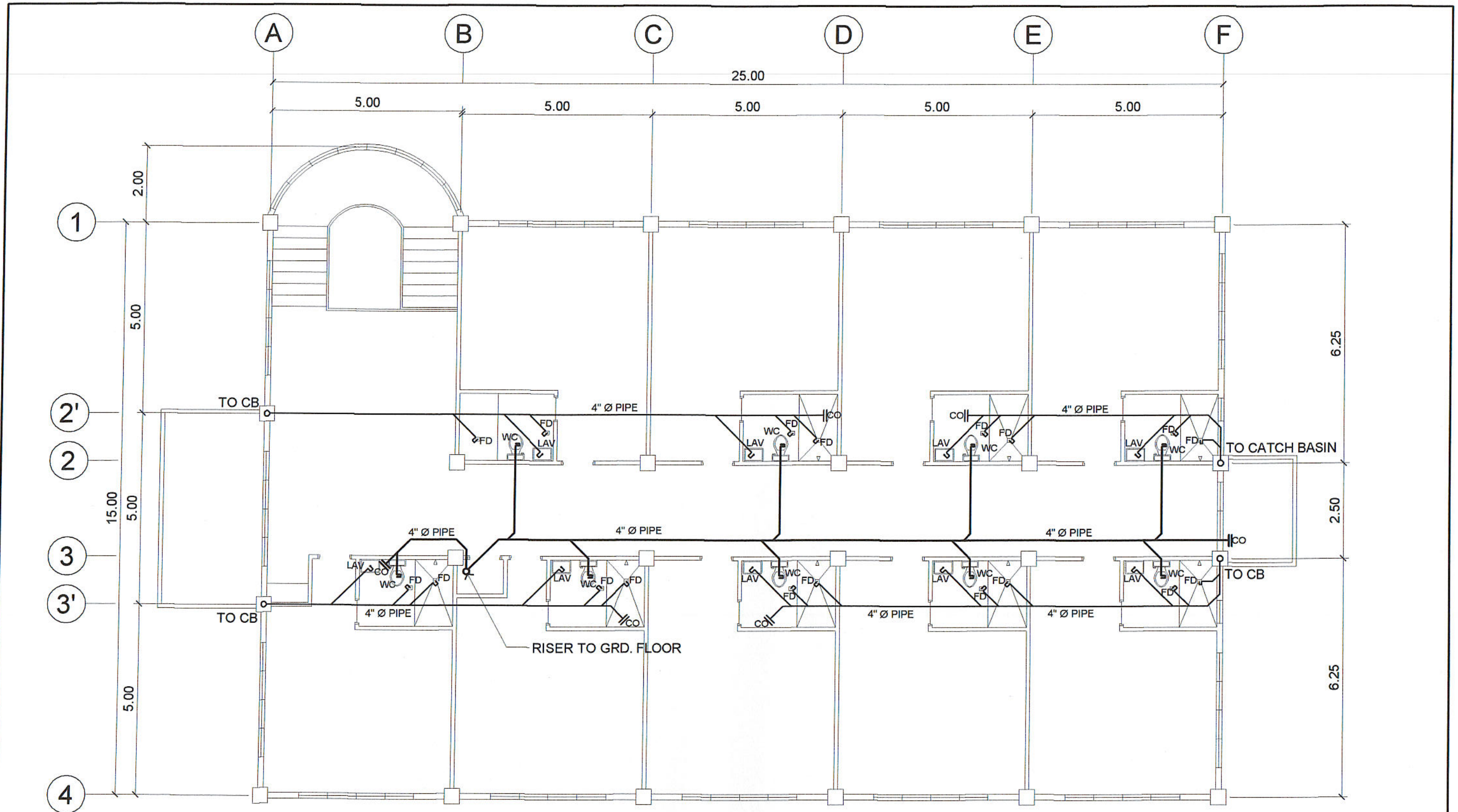
REC APPROVAL:  
*H. D. Robles*  
 H. D. ROBLES  
 VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
 D. C. CHAVEZ  
 PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
 PROPOSED HRM HOSTEL  
 CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
 CAVITE STATE UNIVERSITY

SHT. NO.  
 P-1



2ND. FLR. SEWER LINE LAYOUT  
& WASTE WATER LINE LAYOUT

SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
E. N. RODEROS JR.  
PPU CEIT

REG. MASTER PLUMBER:  
*S. B. Bayot Jr.*  
S. B. BAYOT JR.  
PPU CEIT

END USER:  
*Yolanda A. Lagan*  
YOLANDA A. LAGAN  
DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
R. V. NUESTRO  
DEAN CEIT

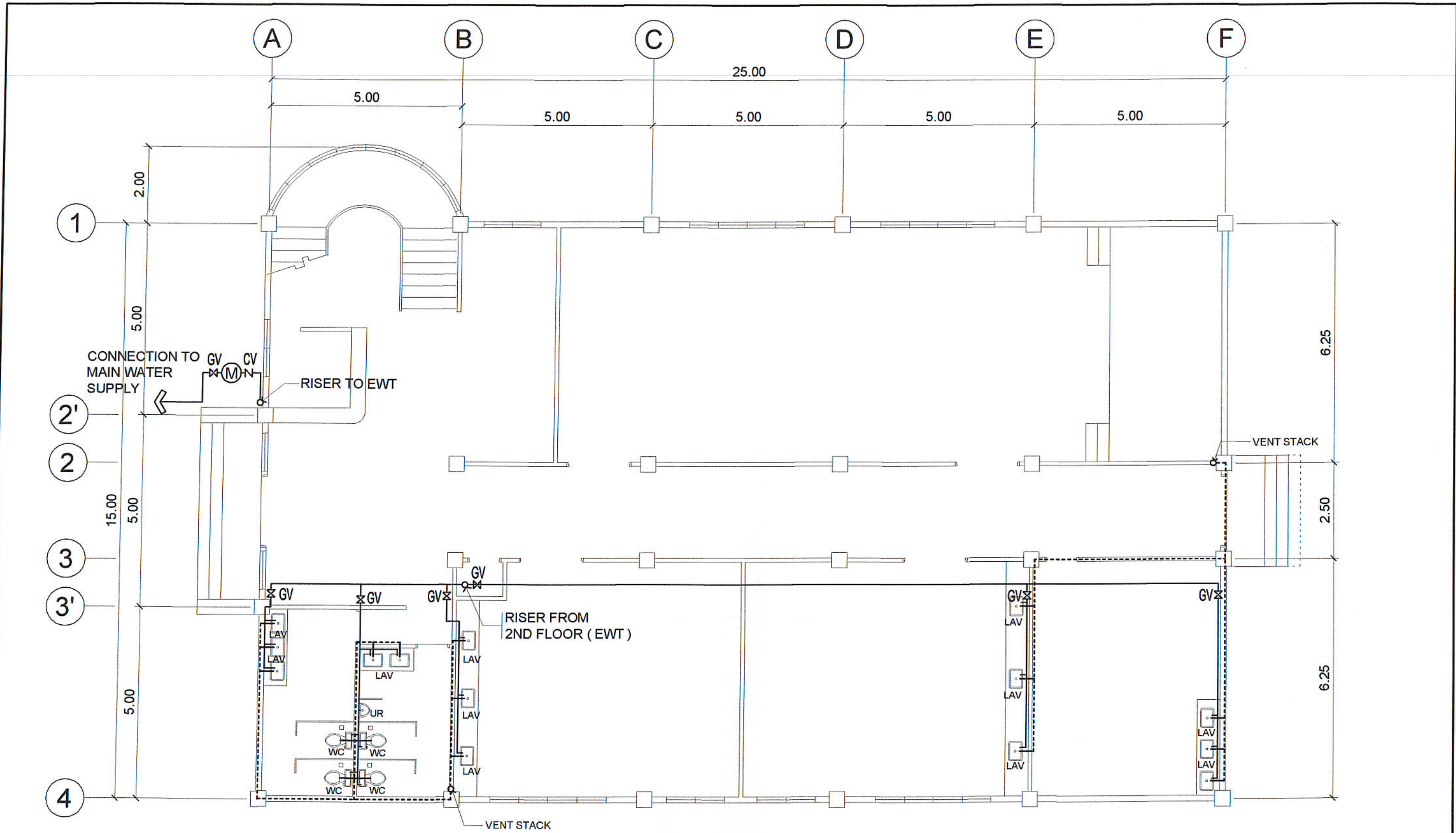
REC APPROVAL:  
*H. D. Robles*  
H. D. ROBLES  
VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
D. C. CHAVEZ  
PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
PROPOSED HRM HOSTEL  
CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
CAVITE STATE UNIVERSITY

SHT. NO.  
P-2



GRD. FLR. WATER SUPPLY AND VENTILLATION LAYOUT

SCALE 1:100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
 E. N. RODEROS JR.  
 PPU CEIT

REG. MASTER PLUMBER:  
*S. B. Bayot Jr.*  
 S. B. BAYOT JR.  
 PPU CEIT

END USER:  
 YOLANDA A. ILAGAN  
 DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
 R. V. NUESTRO  
 DEAN CEIT

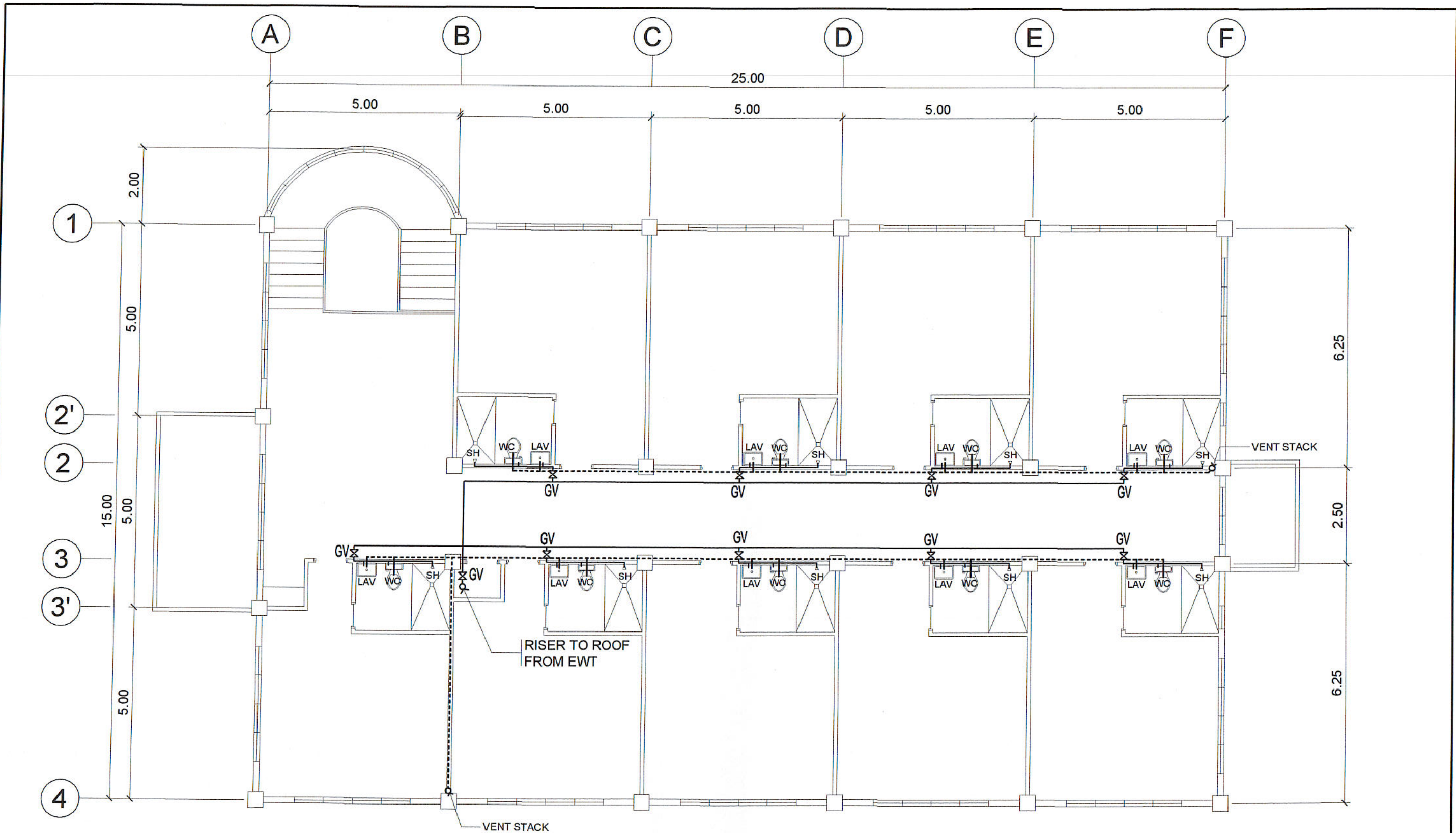
REC APPROVAL:  
*H. D. Robles*  
 H. D. ROBLES  
 VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
 D. C. CHAVEZ  
 PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
 PROPOSED HRM HOSTEL  
 CVSU CARMONA CAMPUS

IMPLEMENTING AGENCY:  
 CAVITE STATE UNIVERSITY

SHT. NO.  
 P- 3



2ND. FLR. WATER SUPPLY AND VENTILLATION LAYOUT  
 SCALE 1: 100 M.

PREPARED BY:  
*E. N. Roderos Jr.*  
 E. N. RODEROS JR.  
 PPU CEIT

REG. MASTER PLUMBER:  
*S. B. Bayot Jr.*  
 S. B. BAYOT JR.  
 PPU CEIT

END USER:  
*Yolanda A. Ilagan*  
 YOLANDA A. ILAGAN  
 DEAN CARMONA CAMPUS

ENDORSED BY:  
*R. V. Nuestro*  
 R. V. NUESTRO  
 DEAN CEIT

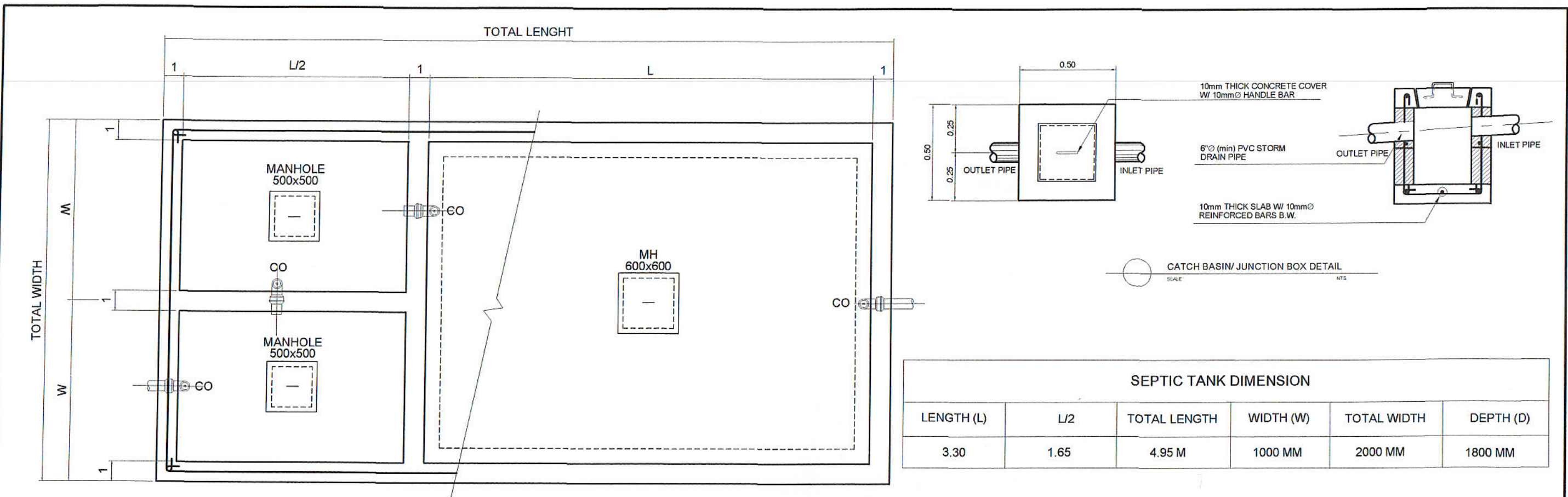
REC APPROVAL:  
*H. D. Robles*  
 H. D. ROBLES  
 VPASS CVSU

APPROVED BY:  
*D. C. Chavez*  
 D. C. CHAVEZ  
 PRESIDENT CVSU

PROJECT TITLE / LOCATION:  
 PROPOSED HRM HOSTEL  
 CVSU CARMONA CAMPUS

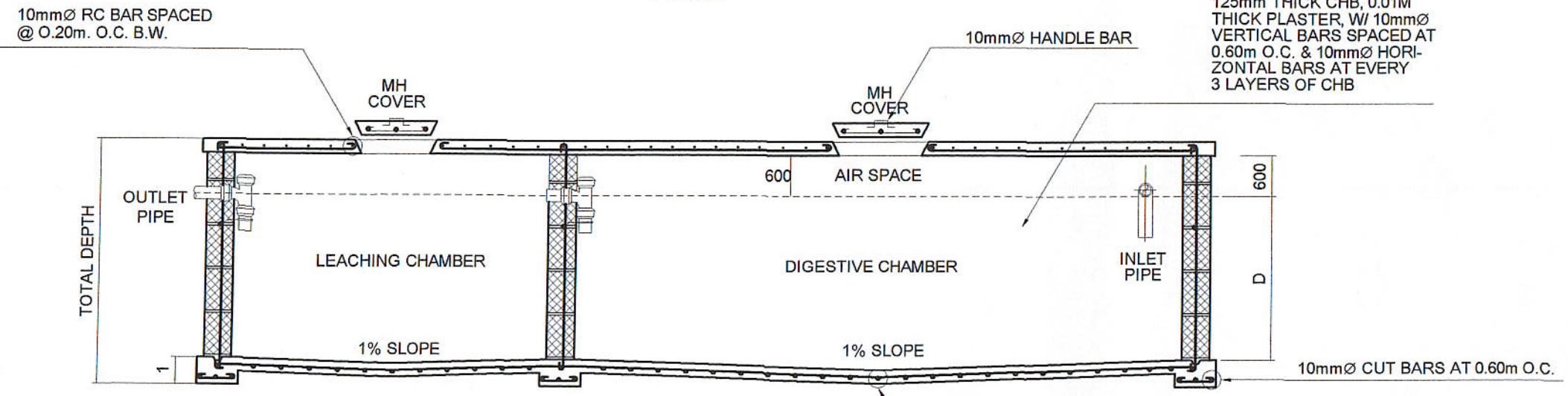
IMPLEMENTING AGENCY:  
 CAVITE STATE UNIVERSITY

SHT. NO.  
 P- 4



SEPTIC TANK DIMENSION					
LENGTH (L)	L/2	TOTAL LENGTH	WIDTH (W)	TOTAL WIDTH	DEPTH (D)
3.30	1.65	4.95 M	1000 MM	2000 MM	1800 MM

PLAN



SECTION



PREPARED BY:  
*E. N. Roderos Jr.*  
 E. N. RODEROS JR.  
 PPU CEIT

REG. MASTER PLUMBER: S.B. BAYOT JR. PPU CEIT	END USER: <i>Yolanda Alagan</i> YOLANDA ALAGAN DEAN CARMONA CAMPUS	ENDORSED BY: <i>R. V. Nuestro</i> R. V. NUESTRO DEAN CEIT	REC APPROVAL: <i>H. D. Robles</i> H. D. ROBLES VPASS CVSU	APPROVED BY: <i>D. C. Chavez</i> D. C. CHAVEZ PRESIDENT CVSU	PROJECT TITLE / LOCATION: PROPOSED HRM HOSTEL CVSU CARMONA CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT. NO. P-5
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