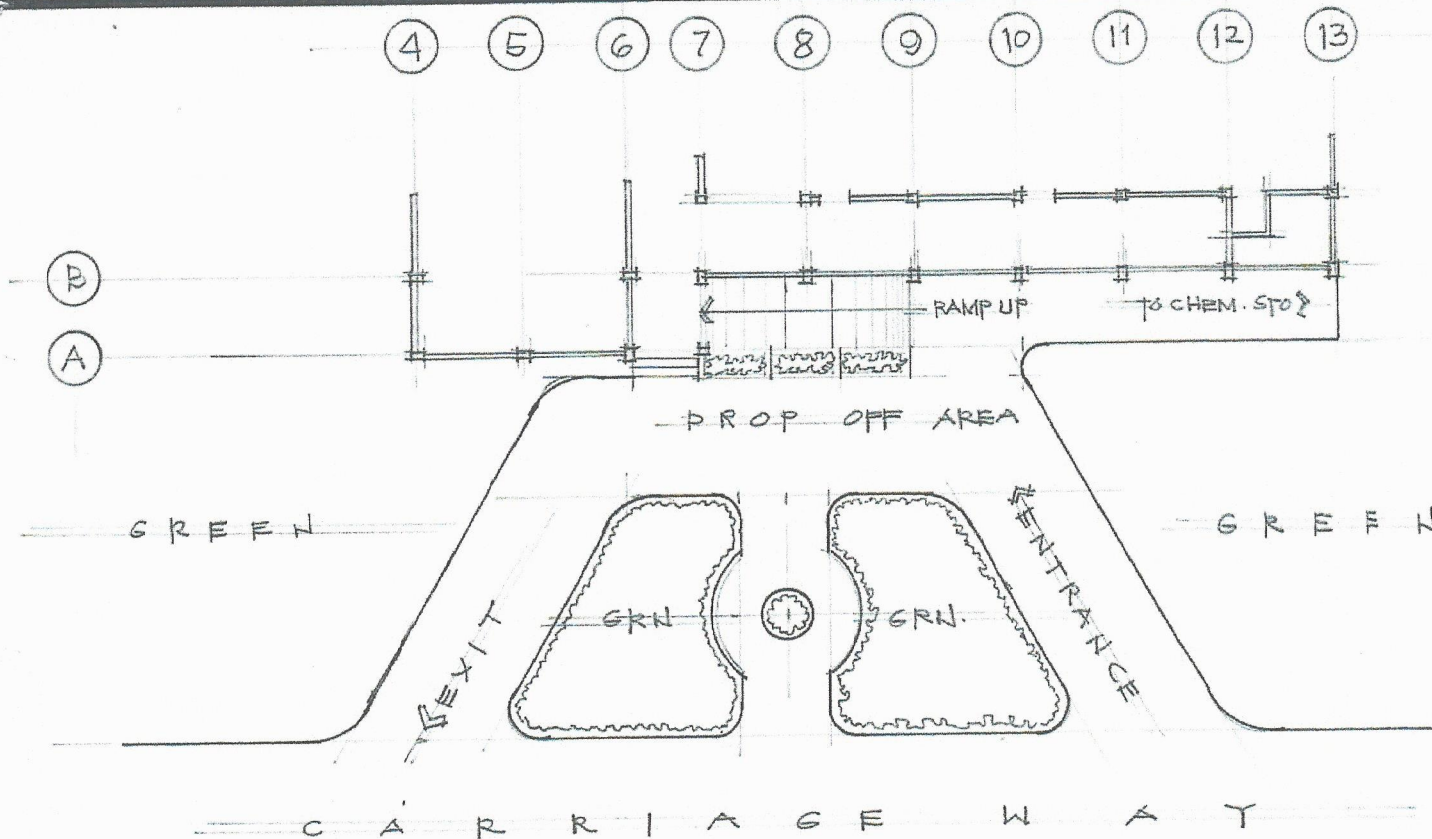


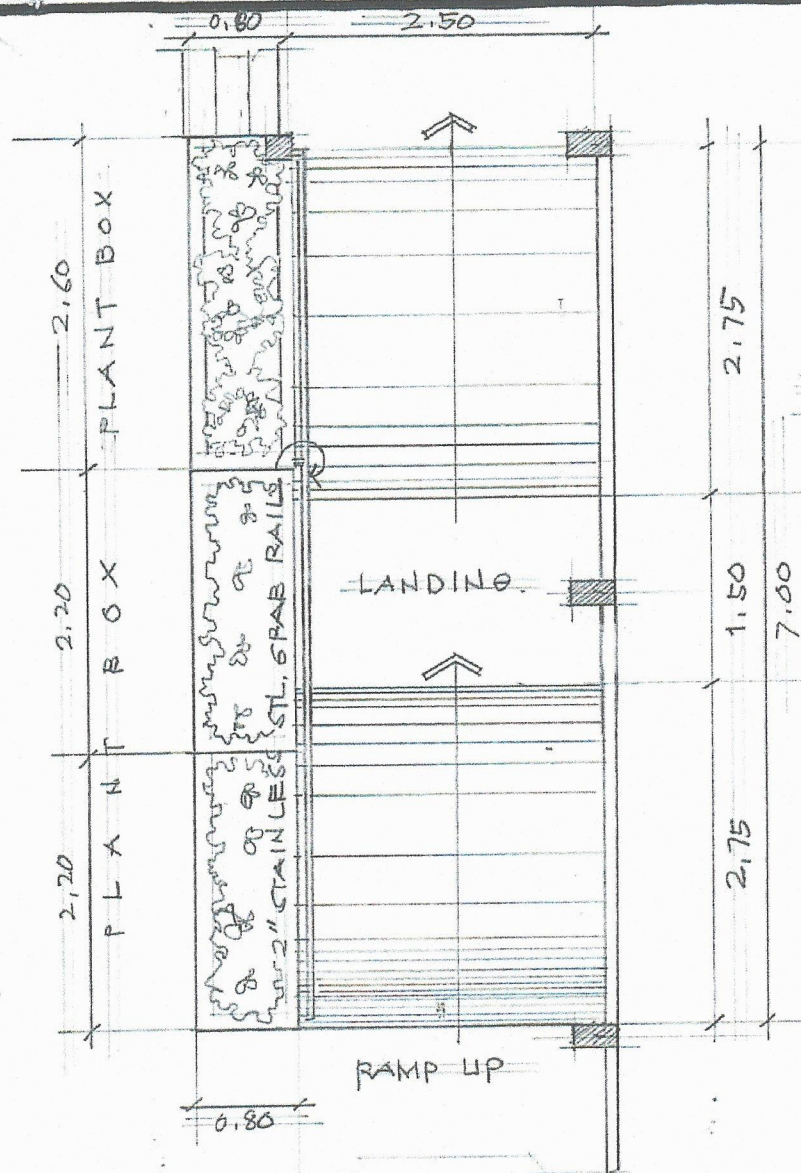


SITE DEVELOPMENT PLAN

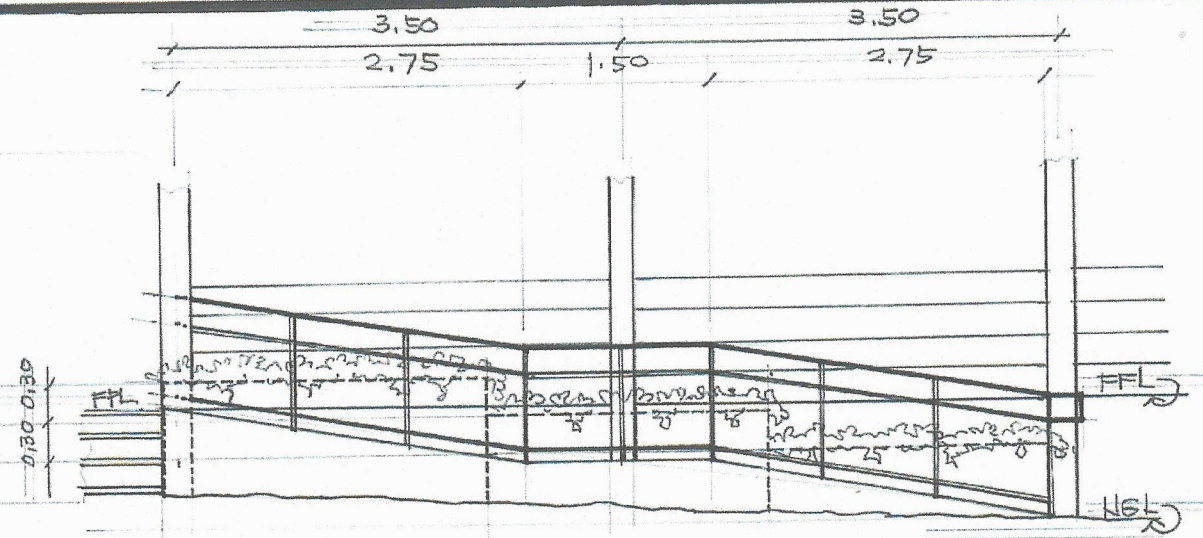
SCALE:

1:250 MTS.

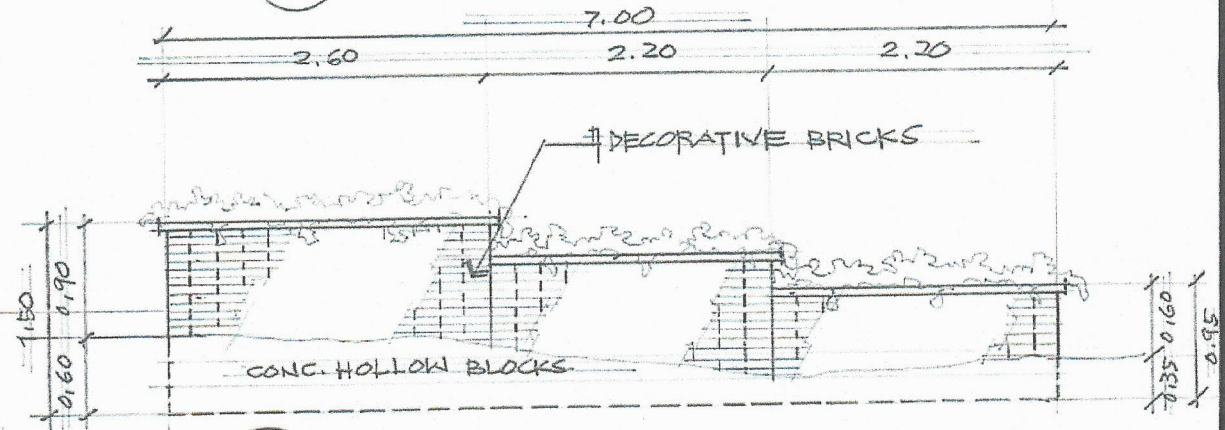
PREPARED	END USER	ENDORSED	REC APP	APPROVED	PROJECT TITLE	AGENCY	SHEET #
SPRAYOT, Jr.	B. F. BLANK	R. B. CUBILLA	H. GARCIA	H. ROBLES	REPAIR OF PHYSICIE RAMP & FACADE	CVSU	1



1 FLOOR PLAN
2 SCALE: 1:60 MTS.

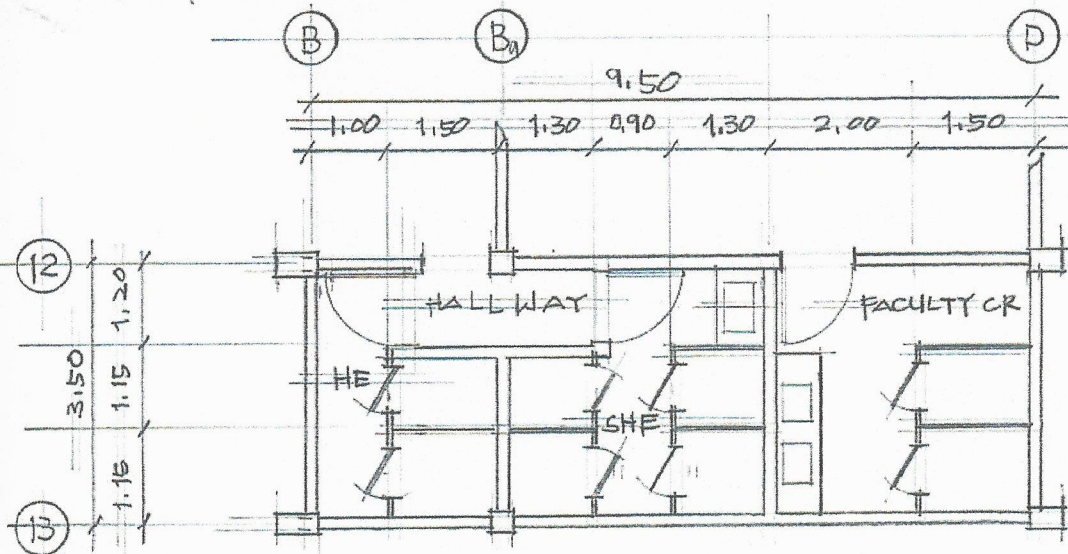


2 FRONT ELEVATION
2 SCALE: 1:60 MTS.



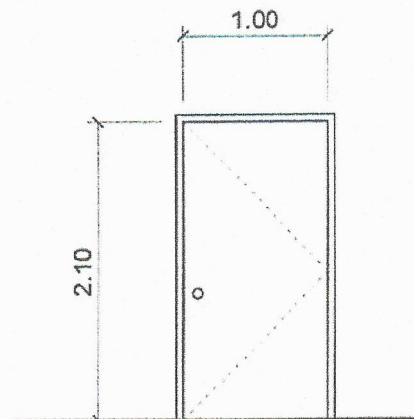
3 PLANT BOX DETAIL
2 SCALE: 1:60 MTS.

PREPARED BY	END USER	ENDORSED	REC. APP.	APPROVED	PROJECT TITLE	AGENCY	SHEET #
SBBAYOT, J.	MR. NAGAN	R. S. CUBILLA	HOGARCIA	H. ROBLES	REPAIR OF PHY. SCIENCE RAMP AND FACADE	CVSU	2

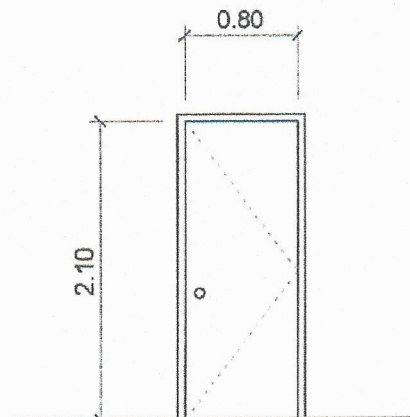


COMFORT ROOM PLAN
 SCALE: 1:100 MTS

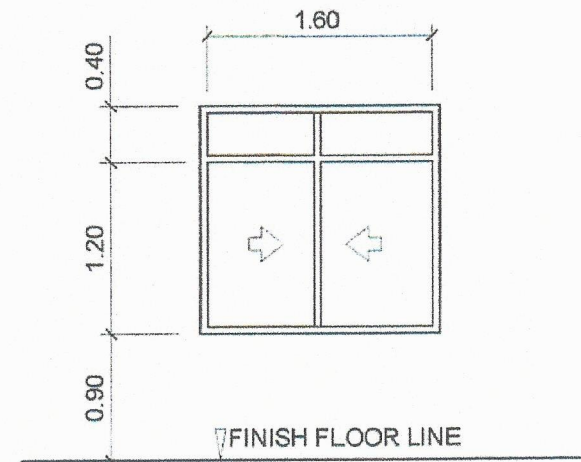
PREPARED:	END USER:	ENDORSED:	REC APPR:	APPROVED:	PROJECT TITLE:	AGENCY:	SHEET#
SBBAYOT, JR.	B.P. LAGAN	R.B. CUBILLA	H.O. GARCIA	H. ROBLES	REPAIR OF PHY. SCI BLDG. RAMP & FACADE	CVSU	3



1.00 X 2.10 STEEL DOOR
(POWDER COATED)
W/ COMPLETE ACCESSORIES
19 SETS



1.00 X 2.10 STEEL DOOR
(POWDER COATED)
W/ COMPLETE ACCESSORIES
1 SET



ALUMINUM SLIDING WINDOW COMPLETE W/
ALL ACCESSORIES W/ $\frac{3}{8}$ " THK CLEAR GLASS
ON COLORED POWDER COATED FINISH
ALUMINUM FRAMING
4 SETS



SCHED. OF DOOR & WINDOW

SCALE

1 : 50 MTS.

PREPARED BY	END USER	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE/ LOCATION	IMPLEMENTING AGENCY	SHT NO.
E. N. RODEROS JR. PPU CMT	BETTINA JOY C. P. ILAGAN DEAN CAS	R. B. CUBILLA DIR. PLANNING OFFICE	H. O. GARCIA VPASS CVSU	H. D. ROBLES PRES CVSU	IMPVT. OF FOOD SCIENCE & BIO - TECH BLDG. PHY. SCI. DEPT. CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	7

SCHEDULE OF LOADS

PANEL : Lighting and Power Panel 1 **CABLE:** 2 - 14.0 SQ. MM THHN + G 8.0 SQ MM THHN **MAIN:** 80 AT, 100AF, 2P, 230V, 22 kAIC,CB
PHASE: 1 **CONDUIT:** RSC, 50 MM DIA. **ENCLOSURE :** NEMA 1
VOLTS: 230 **MOUNTING:** SURFACE

CKT NO.	PANEL CODE	CIRCUIT DESCRIPTION	LOAD IN			Circuit Protection Circuit Breaker Rating	Size of Conductor			Size Of Conduit In MM Ø	Color Code
			WATTS	VOLT	AMPERES		SQ. MM THHN	+	SQ. MM THHN(G)		
1	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
2	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
3	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
4	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
5	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
6	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
7	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
8	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
9	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
10	1	Air Conditioning Unit Outlet, 2H	1492	230	12.00	30AT, 2P,230V, 10 KAIC	2 - 3.5	+	G 3.5	RSC,15	1BLK,1R,G
11		SPARE									
12		SPARE									
TOTAL			11936	230	96.00	150AT, 2P,230V, 22 KAIC	2 - 30.0	+	G 8.0	RSC, 25	1BLK,1R,G

MAIN FEEDER and CURRENT PROTECTION COMPUTATION:

$$I_{FL} = [12 + 25\% \times I_m] \times D.F. = 99.00 \text{ Amperes}$$

use: 2 - 30.0 SQMM THHN (99A/125A) + 1 - 8.0 SQMM THHN IN 40 MM DIA. RSC

$$I_{CB} = [12 + 250\% \times I_m] \times D.F. = 126.00 \text{ Amperes}$$

use: 150AT, 225AF, 2P, 230V, 22kAIC, CB

NOTE: G - Means Ground Wire

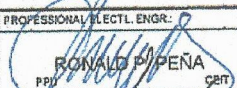
1BLK- Color BLACK

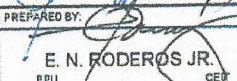
1R- Color RED

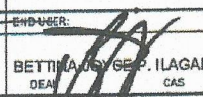
1G- Color GREEN (Equipment Grounding)

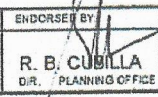
*This Electrical Design is good only for the above connected loads.
 Any additional electrical load connection in the future is not allowed,
 Except redesign of electrical load system will be done.*

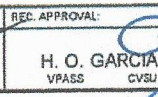
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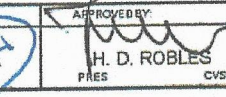

 RONALD P. PEÑA
 PPU CBT

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

ENDORSED BY: 
 BETTINA A. UY
 DEAN CAS

ENDORSED BY: 
 R. B. CUBILLA
 D/R PLANNING OFFICE

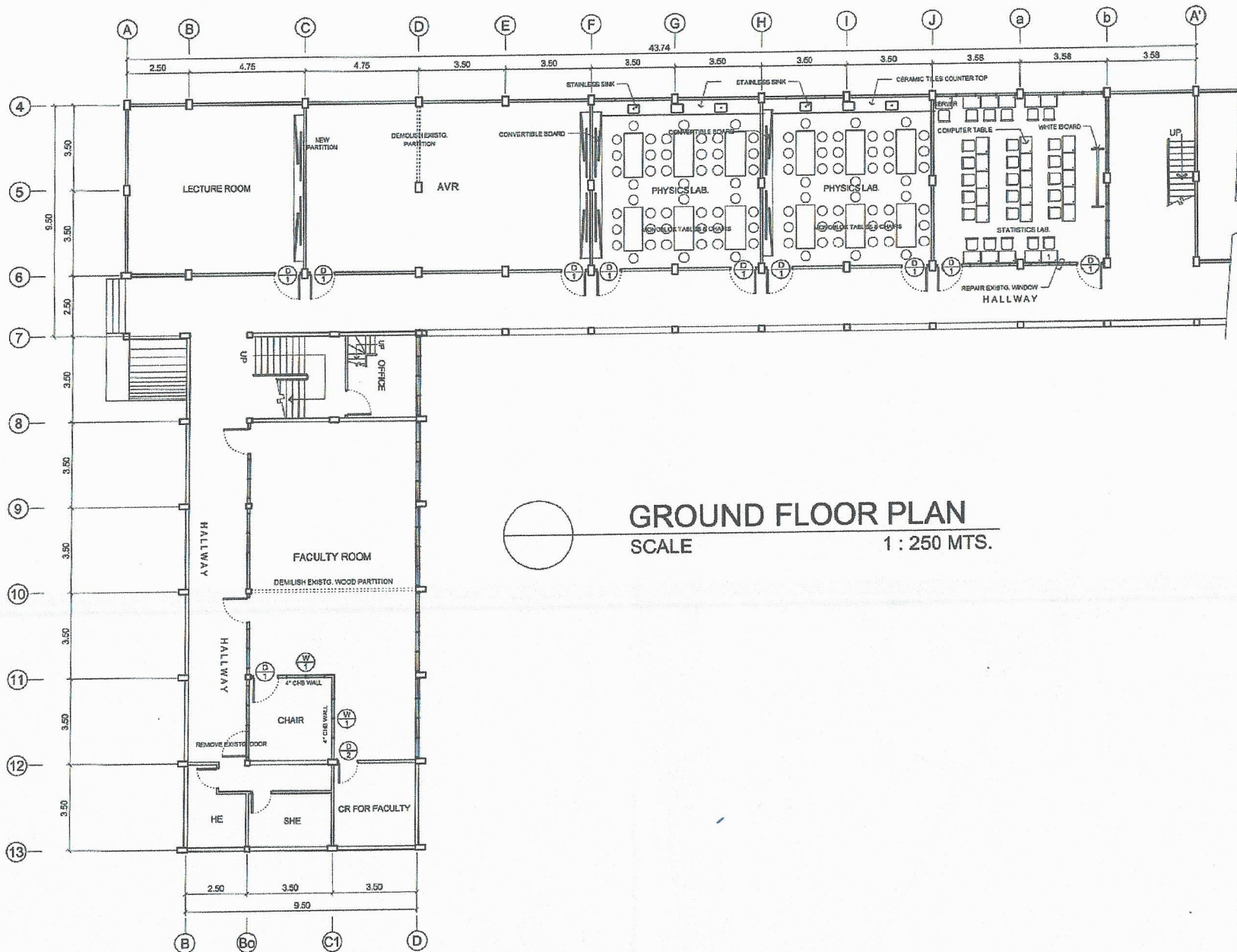
REC. APPROVAL: 
 H. O. GARCIA
 VPASS CVSU

APPROVED BY: 
 H. D. ROBLES
 PRES CVSU

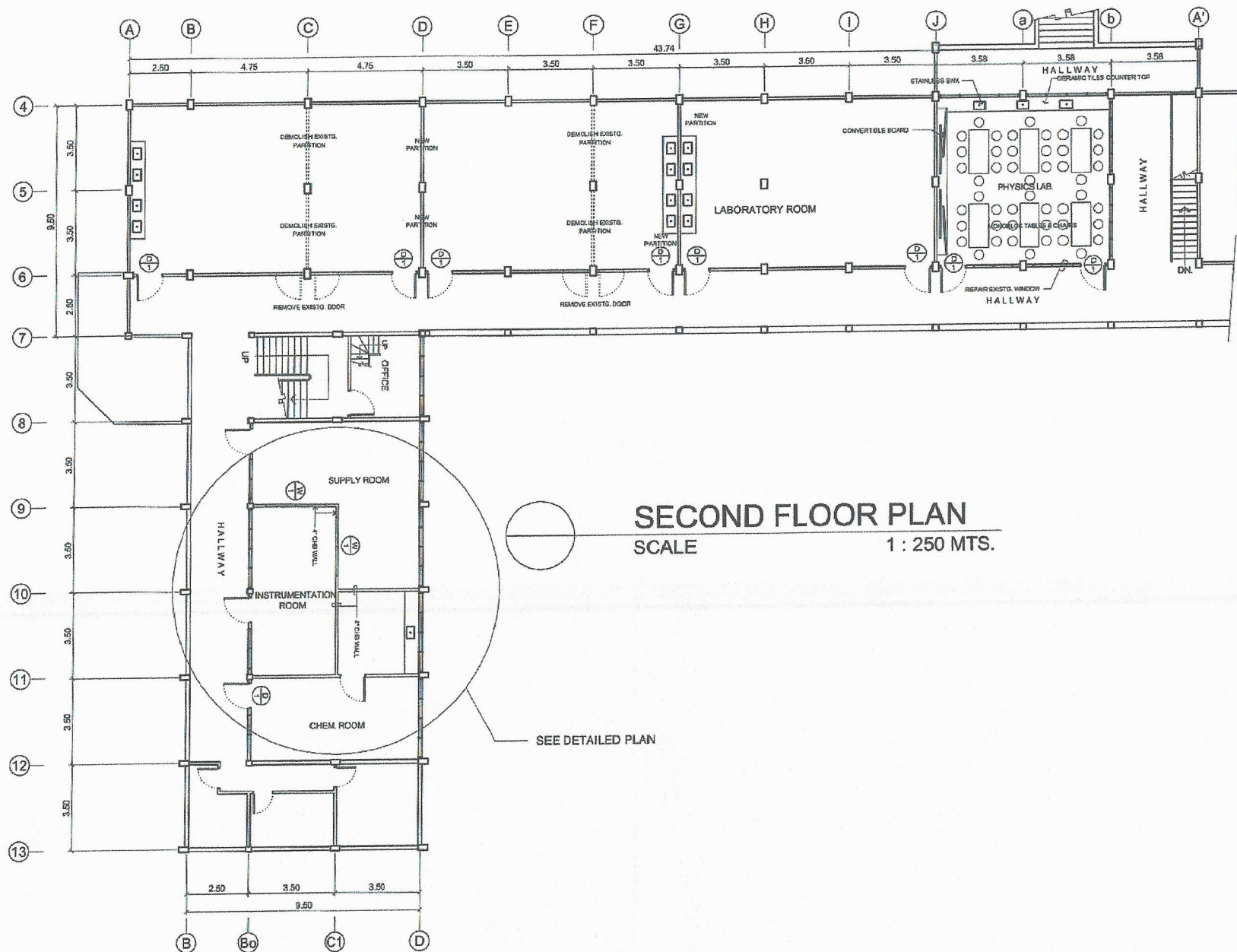
PROJECT TITLE/ LOCATION:
 IMPVT. OF FOOD SCIENCE & BIO- TECH BLDG.
 PHY. SCI. DEPT. CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY:
 CAVITE STATE UNIVERSITY

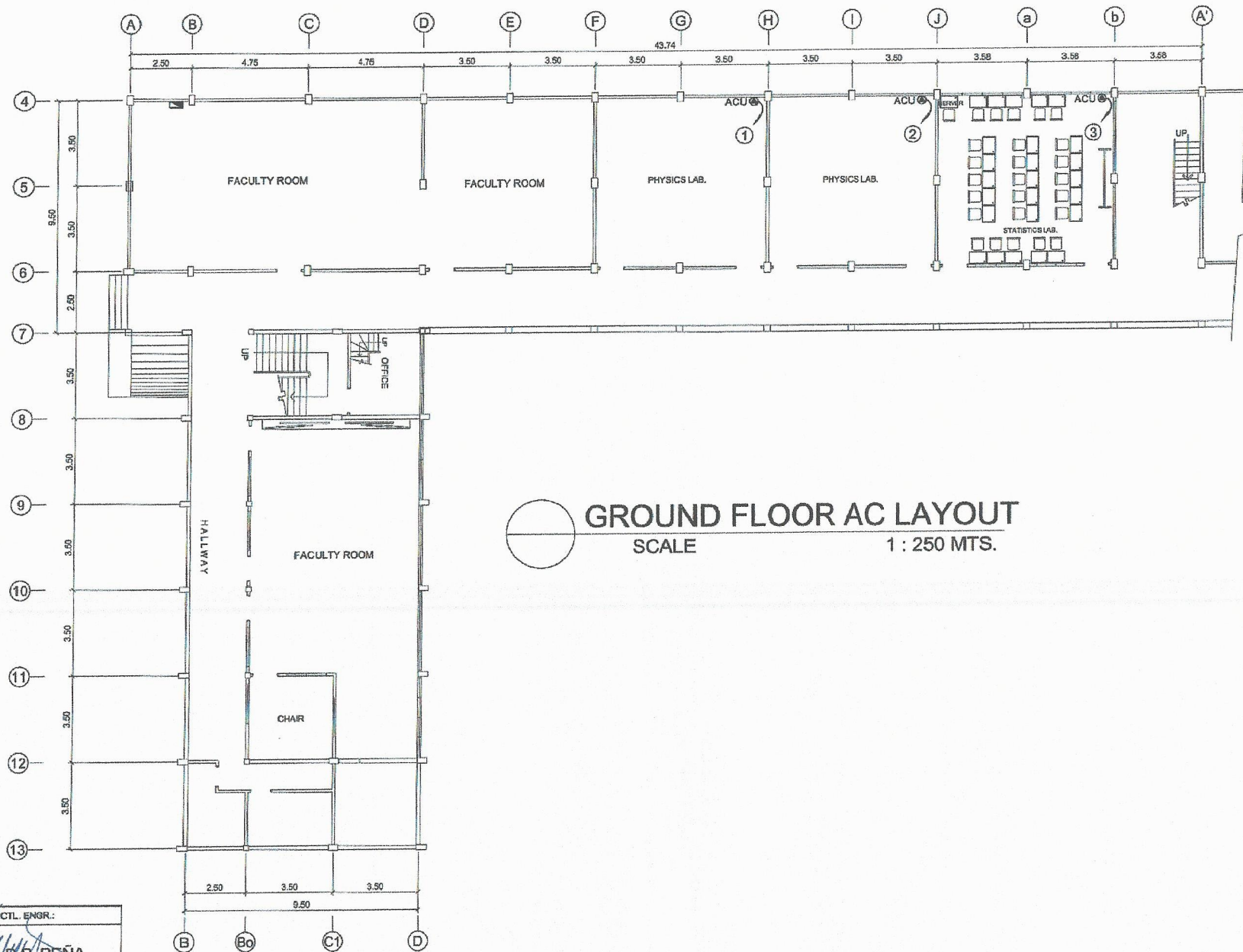
SHT NO:
 8



PREPARED BY:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
E. N. RODEROS JR. PPU CEIT	BETTINA JOYCE P. ILAGAN DEAN CAS	R. B. ZUBILLA DIR. PLANNING OFFICE	H. O. GARCIA VPASS CVSU	H. D. ROBLES PRES CVSU	IMPVT. OF FOOD SCIENCE & BIO - TECH BLDG. PHY. SCI. DEPT. CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	1

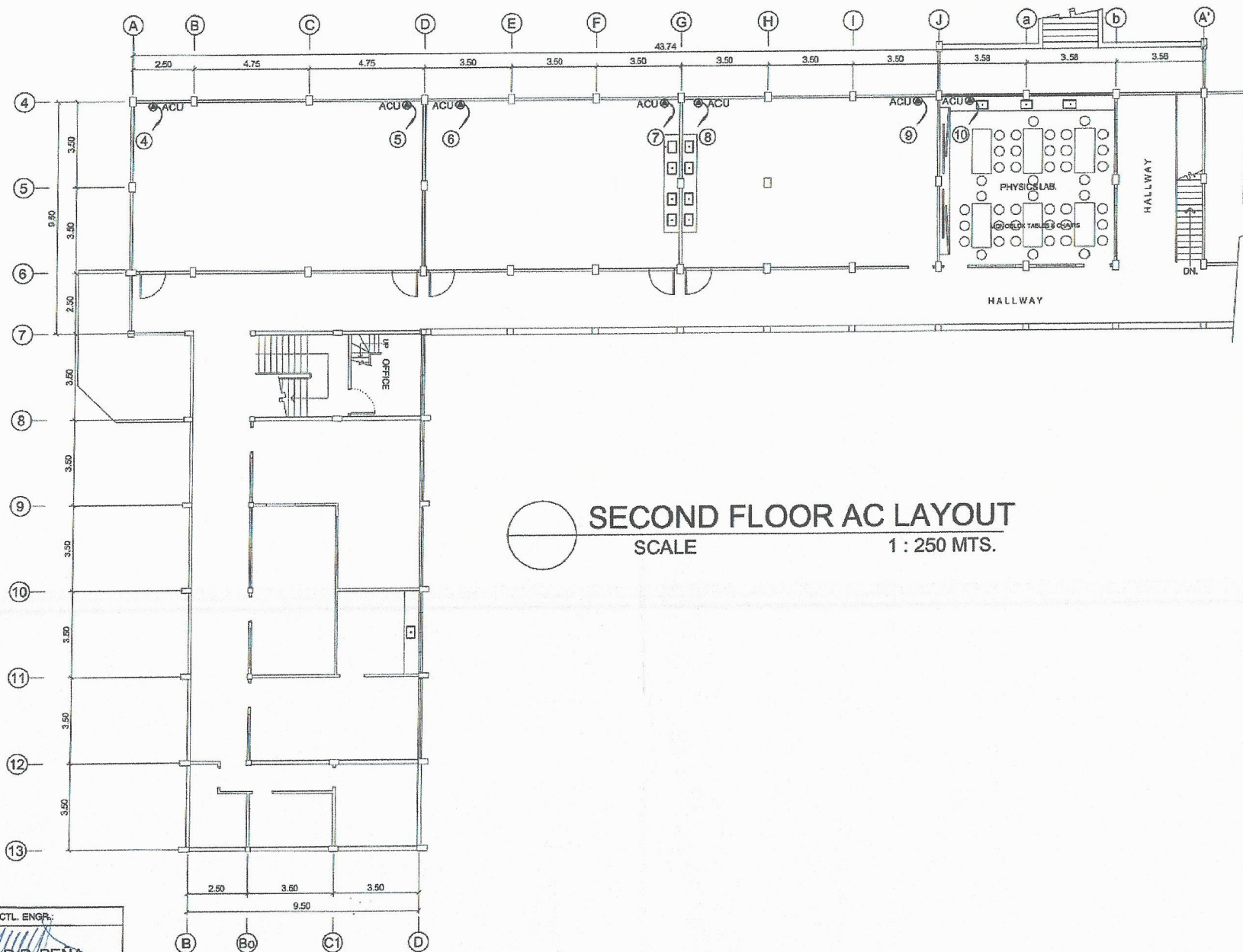


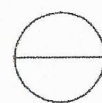
PREPARED BY: E. N. RODRIGOS JR. PPU CEIT	END USER: BETTINA JOYCE P. ILAGAN DEAN CAS	ENDORSED BY: R. B. CUBILLA DIR. PLANNING OFFICE	REC. APPROVAL: H. O. GARCIA VPASS CVSU	APPROVED BY: H. D. ROBLES PRES CVSU	PROJECT TITLE/ LOCATION: IMPVT. OF FOOD SCIENCE & BIO - TECH BLDG. PHY. SCI. DEPT. CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO: 2
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GROUND FLOOR AC LAYOUT
 SCALE 1 : 250 MTS.

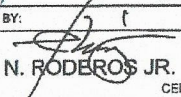
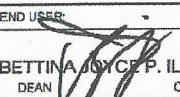
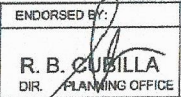
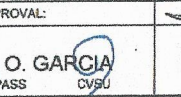
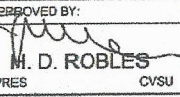
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 RONALD P. PEÑA PPU CEIT		 BETTINA JOYCE P. ILAGAN DEAN CAS		 R. B. CUBILLA DIR. PLANNING OFFICE		 H. O. GARCIA VPASS CVSU		 H. D. ROBLES PRES CVSU		IMPVT. OF FOOD SCIENCE & BIO - TECH BLDG. PHY. SCI. DEPT. CVSU, MAIN CAMPUS		CAVITE STATE UNIVERSITY		3	




SECOND FLOOR AC LAYOUT
 SCALE 1 : 250 MTS.

PROFESSIONAL ELECTR. ENGR.

RONALD P. PENA
 PPU CEIT

PREPARED BY:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
 E. N. RODEROS JR. PPU CEIT	 BETTINA JOYCE P. ILAGAN DEAN CAS	 R. B. CUBILLA DIR. PLANNING OFFICE	 H. O. GARCIA VPASS CVSU	 M. D. ROBLES PRES CVSU	IMPVT. OF FOOD SCIENCE & BIO - TECH BLDG. PHY. SCI. DEPT. CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	4