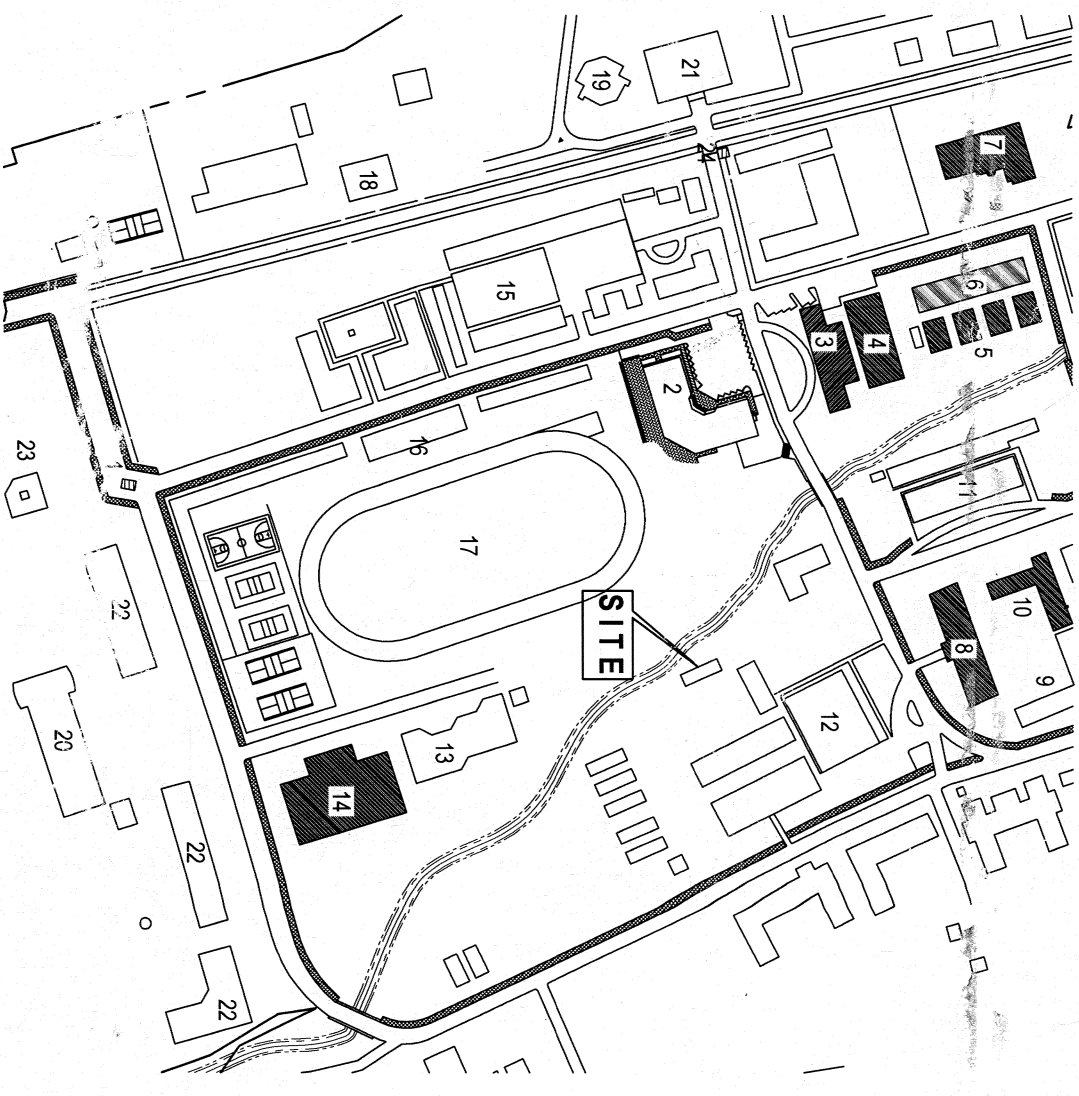


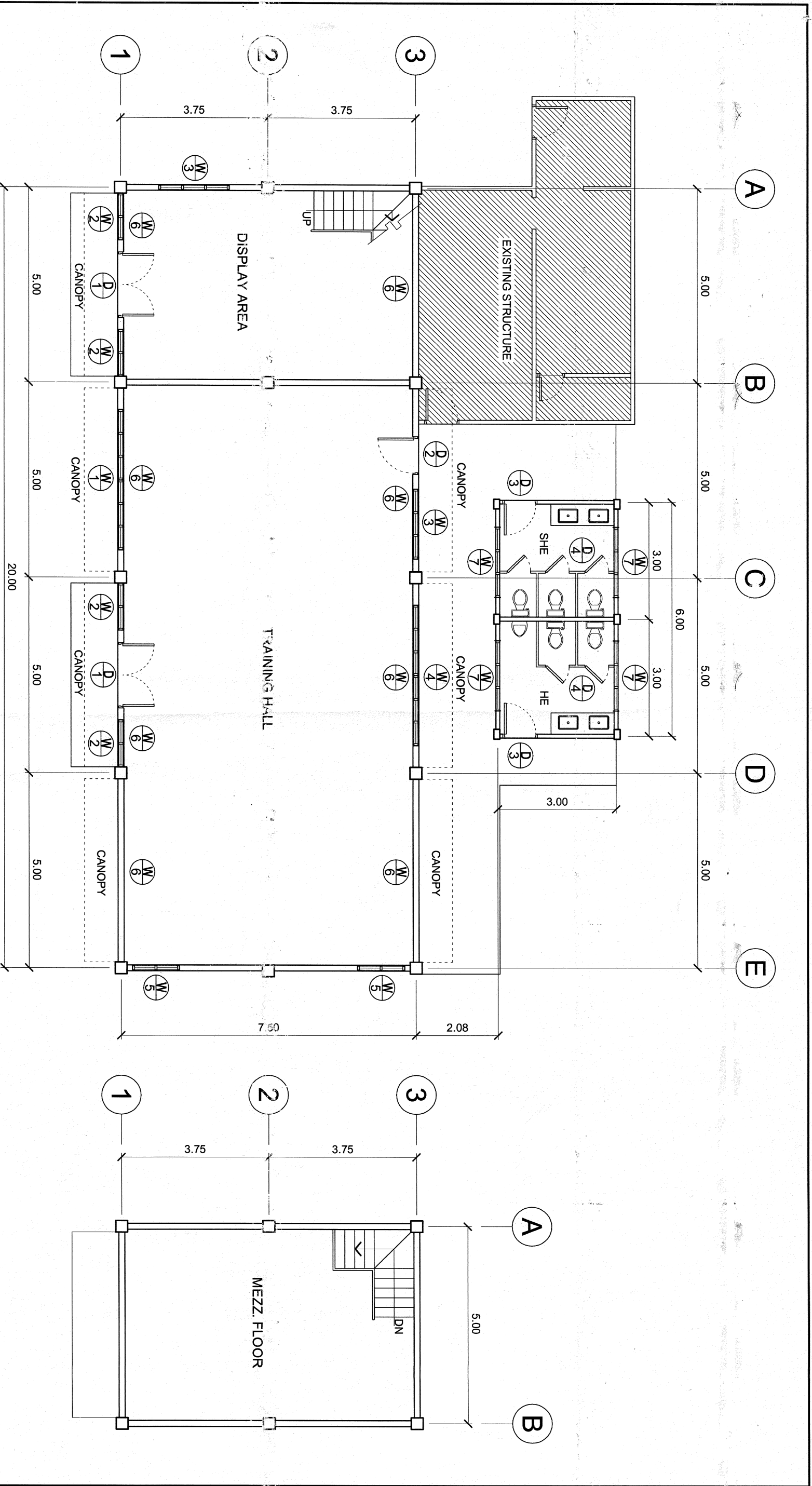


PERSPECTIVE



LOCATION MAP

CADD BY:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY	SHT NO:
E. N. RODEFOS JR.	J. DEPAINTAY DIRECTOR SPRINT	C. B. DELOS REYES DIRECTOR PLANNING OFFICE	C. A. BOLINCA VP ASS. VSU	H. D. ROBLES PRES. CVSU	PROPOSED SPRINT TRAINING AND EXHIBIT HALL	CAVITE STATE UNIVERSITY	A-0



GROUND FLOOR PLAN

MEZZANINE FLOOR PLAN

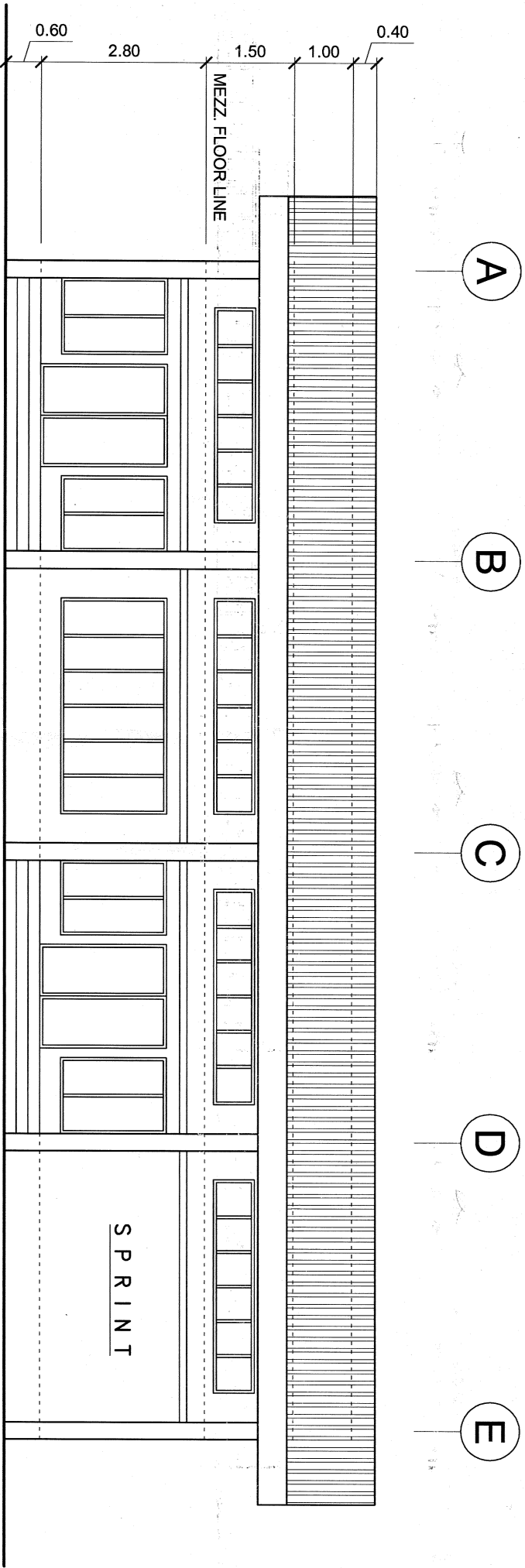
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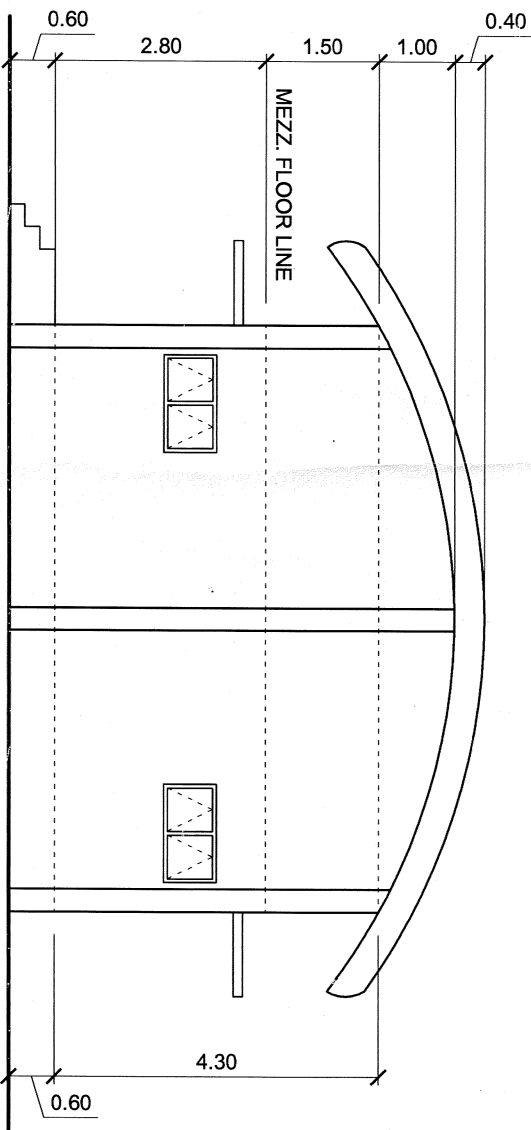
SCALE

1 : 100 MTS.

CADD BY: E. N. RODRIGUEZ JR.	END USER: J. M. AGUILAR DIRECTOR SPRINT.	ENDORSED BY: O. B. DELOS REYES DIRECTOR PLANNING OFFICE	REC. APPROVAL: A. POLINGA CVSU	APPROVED BY: H. D. ROBLES PRES CVSU	PROJECT TITLE/LOCATION: PROPOSED SPRINT TRAINING AND EXHIBIT HALL CAVITE STATE UNIVERSITY	SHT NO: A-1
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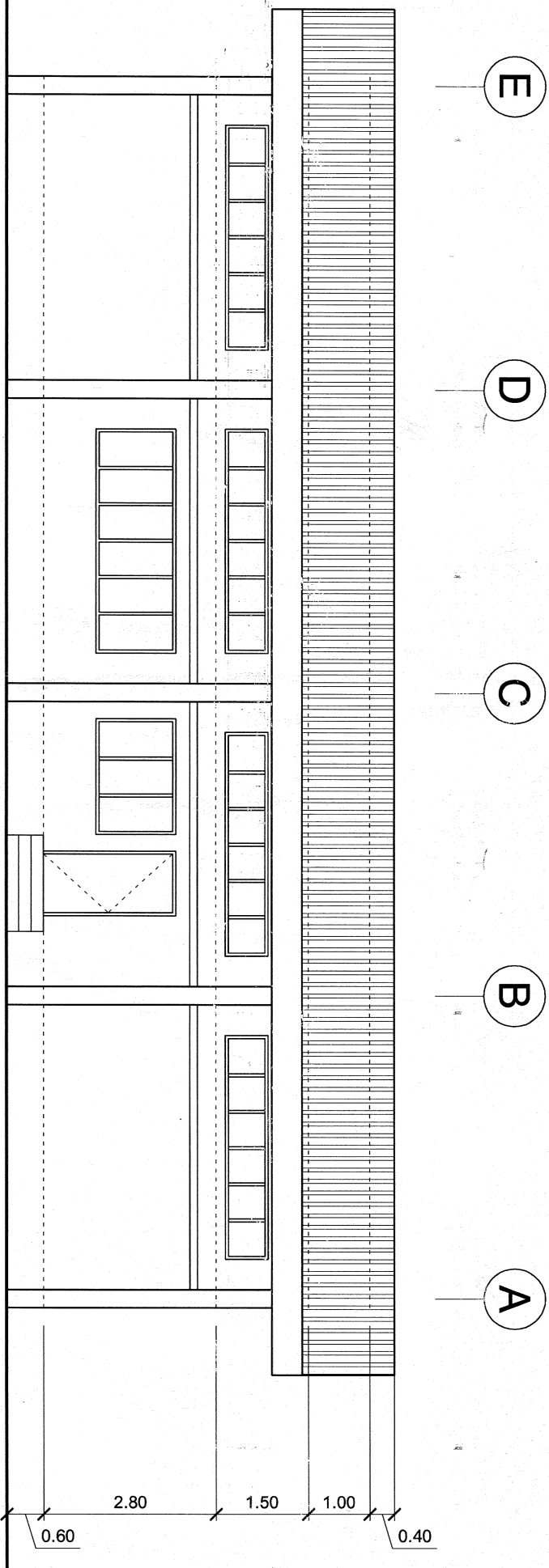


FRONT ELEVATION
SCALE 1 : 100 MTS.



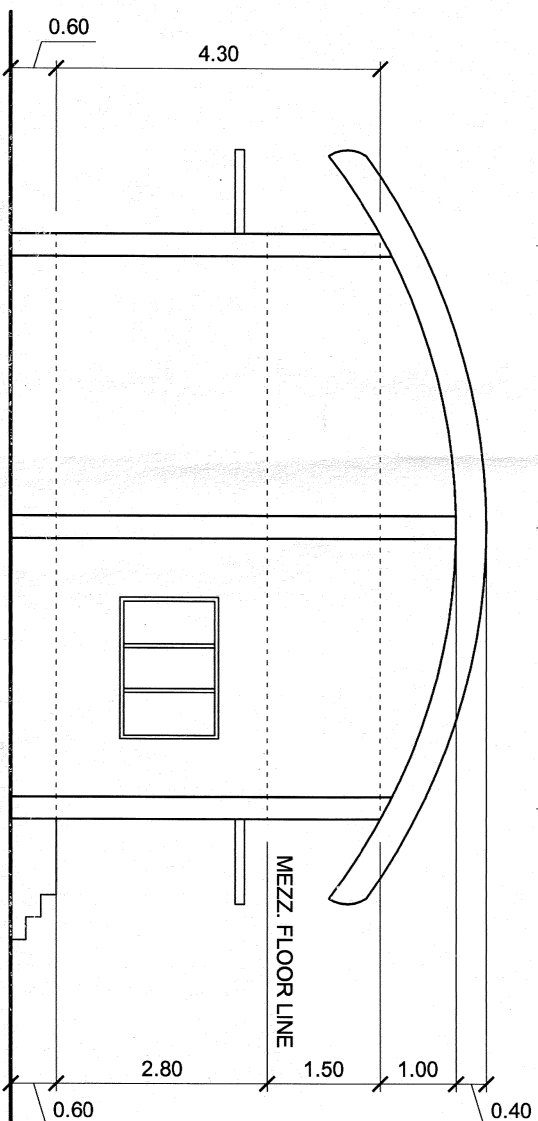
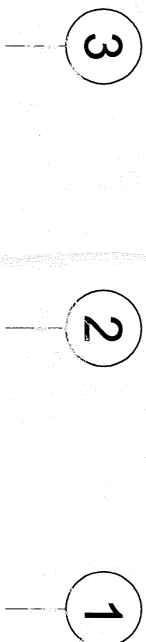
RIGHT SIDE ELEVATION
SCALE 1 : 100 MTS.

CADD BY: E. N. RODRIGUEZ JR.	END USER: J. M. SPRINTAY DIRECTOR SPRINT	ENDORSED BY: O. B. DELLOS REYES DIRECTOR PLANNING OFFICE	REC. APPROVAL: D. A. POLINGA VP ASS. CVSU	APPROVED BY: W. D. ROBLES PRES. CVSU	PROJECT TITLE/LOCATION: PROPOSED SPRINT TRAINING AND EXHIBIT HALL CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY	SHT NO.: A - 2
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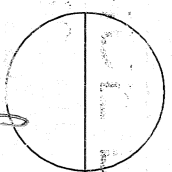
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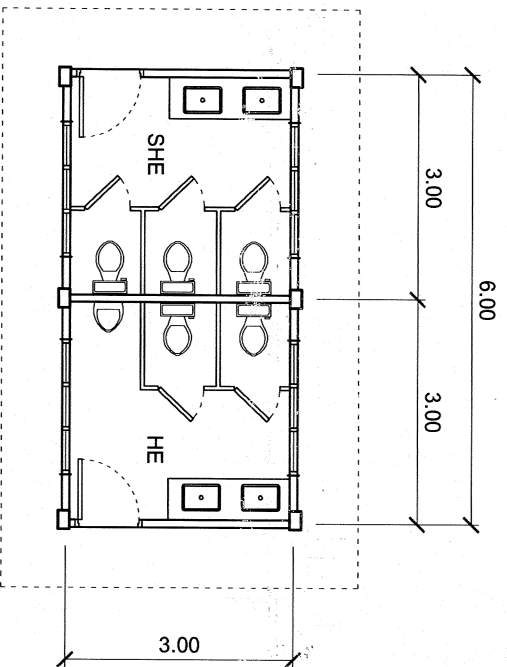


LEFT SIDE ELEVATION

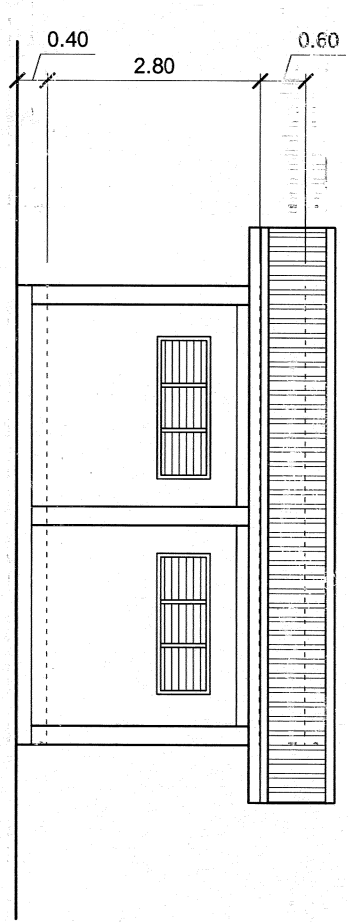
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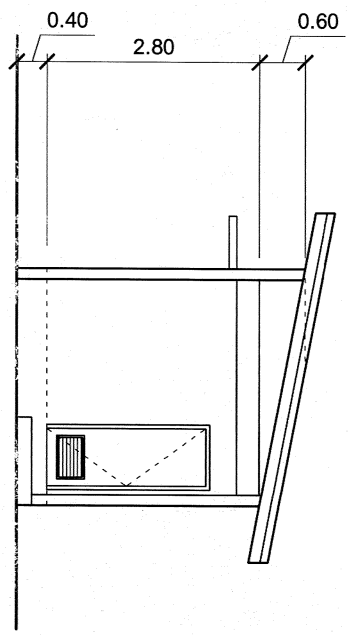
CADD BY: <i>E.N. RODEFOS JR.</i>	END USER: <i>J. M. PANTAY</i> DIRECTOR SPRINT	ENDORSED BY: <i>C. B. DELOS REYES</i> DIRECTOR PLANNING OFFICE	REC. APPROVAL: <i>C. A. POLINGA</i> VPAS CVSU	APPROVED BY: <i>H. D. ROBLES</i> PRES CVSU	PROJECT TITLE/LOCATION: PROPOSED SPRINT TRAINING AND EXHIBIT HALL CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY	SHT NO: A - 3
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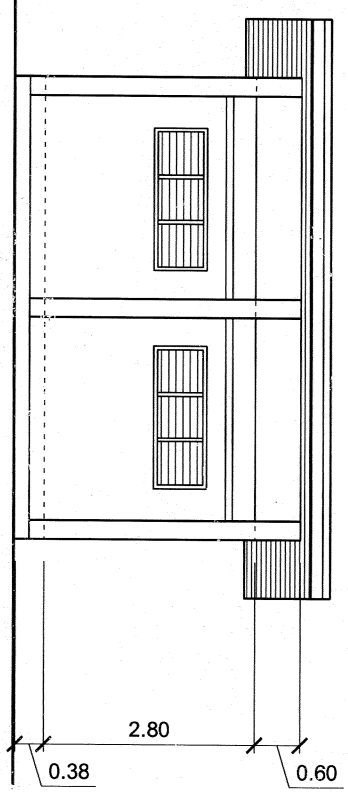
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SCALE 1 : 100 MTS.



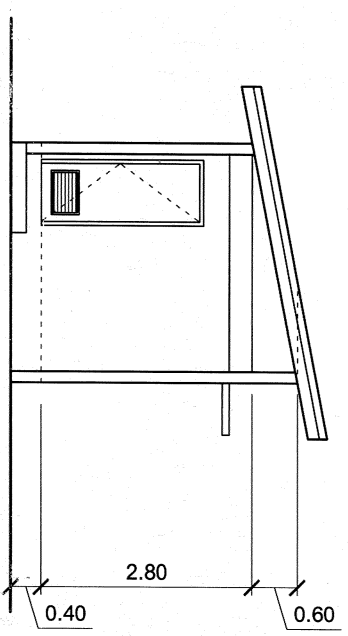
REAR ELEVATION
SCALE 1 : 100 MTS.



LEFT SIDE ELEVATION
SCALE 1 : 100 MTS.

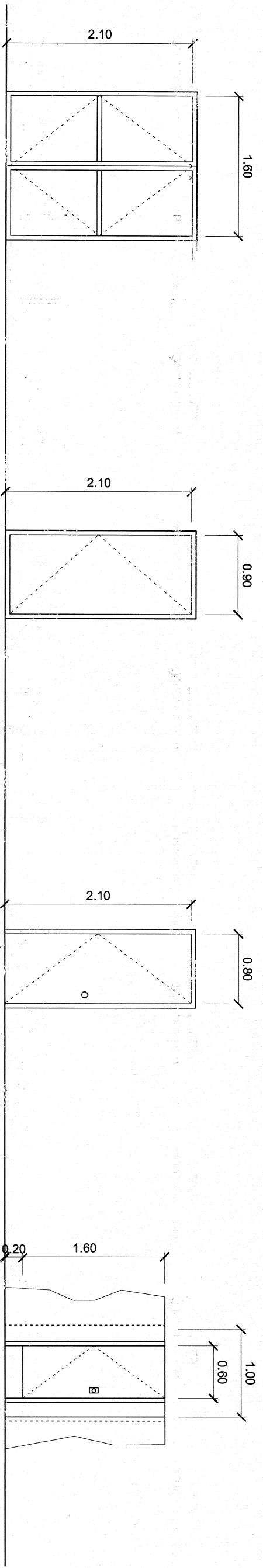


FRONT ELEVATION
SCALE 1 : 100 MTS.



RIGHT SIDE ELEVATION
SCALE 1 : 100 MTS.

CADD BY: E.N. PODEROS JR.	END USER: J.M. DIAZ DIRECTOR SPRINT	ENDORSED BY: O.B. DE LOS REYES DIRECTOR PLANNING OFFICE	REC. APPROVAL: A. POLINGA VP/ASS. CYSU	APPROVED BY: H.D. ROBLES PRES CYSU	PROJECT TITLE/LOCATION: PROPOSED SPRINT TRAINING AND EXHIBIT HALL CYSU, MAIN CAMPUS	IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY	SHT NO: A - 4
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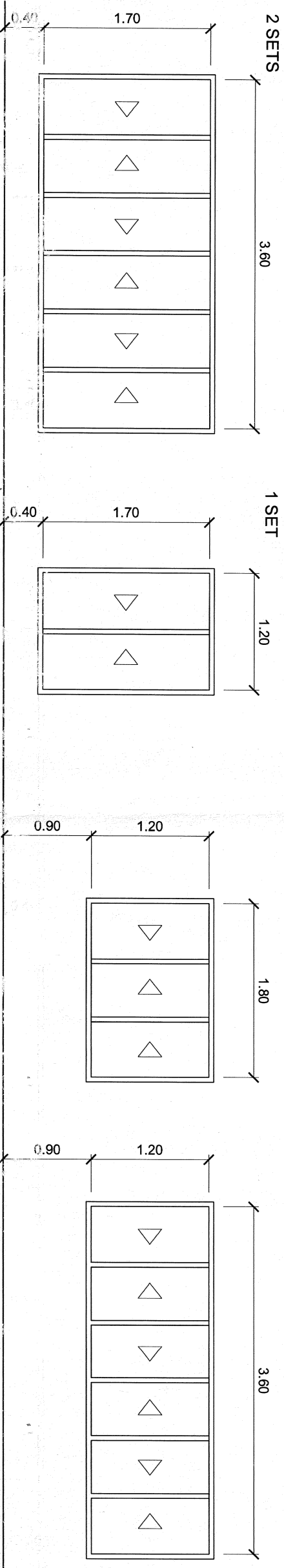


D 1 ALUMINUM FRAME DOOR COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 2 SETS

D 2 ALUMINUM FRAME DOOR COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 1 SET

D 3 0.80 X 2.10 STEEL DOOR W/ COMPLETE ACCESSORIES 2 SETS

D 4 0.60 X 1.60 PHENOLIC DOOR PANEL WITH COMPLETE ACCESSORIES 5 SETS



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

W 2 ALUMINUM SLIDING WINDOW COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 4 SETS

W 3 ALUMINUM SLIDING WINDOW COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 2 SETS

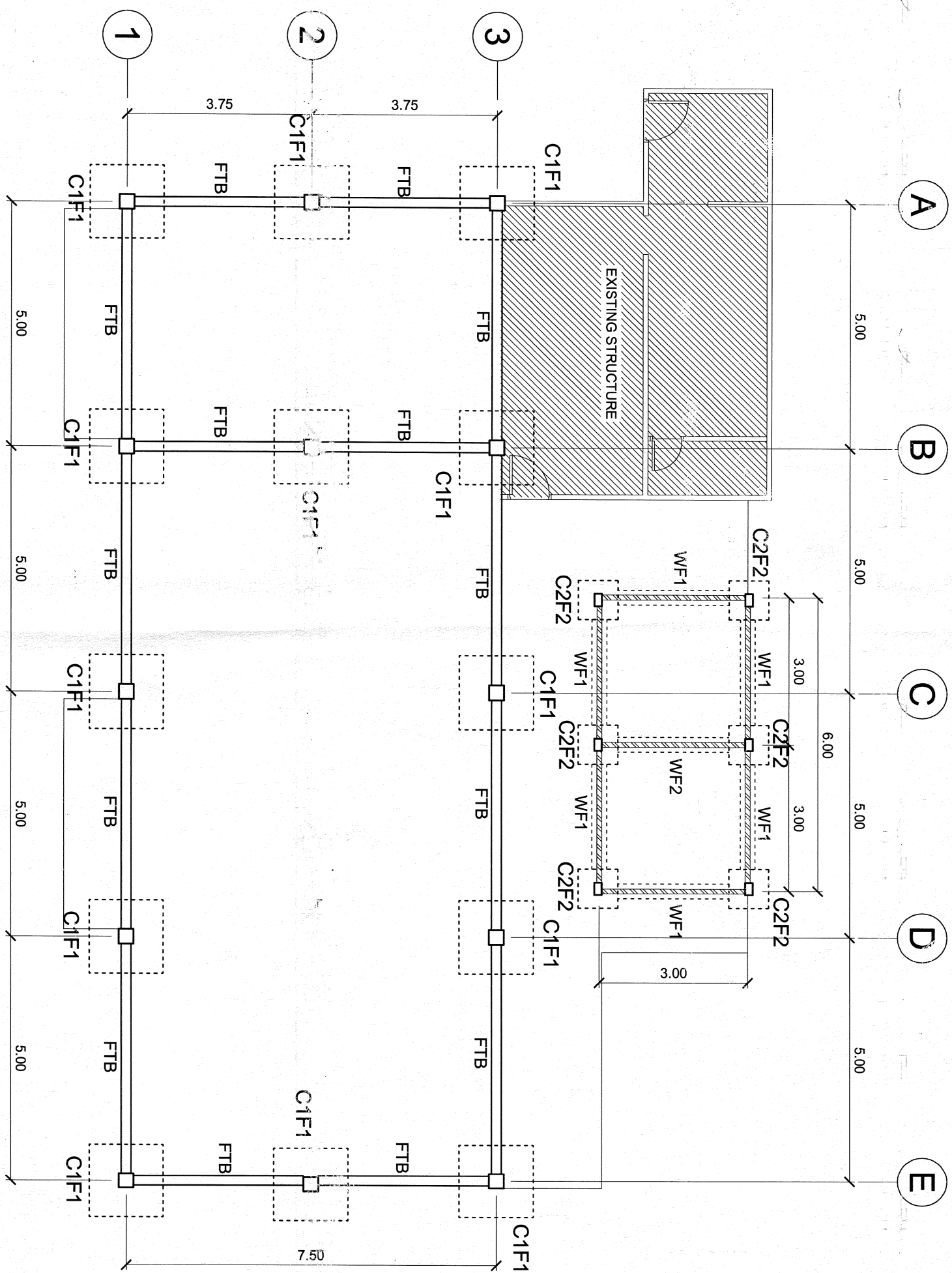
W 4 ALUMINUM SLIDING WINDOW COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 1 SET

W 5 ALUMINUM AWNING WINDOW COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 2 SETS

W 6 ALUMINUM FIXED WINDOW COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 2 SETS

W 7 JALOUSIE WINDOW COMPLETE W / ALL ACCESSORIES W / $\frac{3}{8}$ " THK TINTED GLASS ON COLORED POWDER COATED FINISH ALUMINUM FRAMING 4 SETS

CADD BY:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
E. N. RODRIGUEZ JR.	J. M. GONZALEZ	C. S. DELOS REYES	C. A. POLINGA	A. D. ROBLES	PROPOSED SPRINT TRAINING AND EXHIBIT HALL	CAVITE STATE UNIVERSITY	A - 5
	DIRECTOR	DIRECTOR	VP/ASU	PRES			



FOUNDATION PLAN

1 : 100 MTS.

SCALE 0 MTS.

CADD BY:

E. N. RODEROS JR.

CIVIL ENGR:

END USER:

J. M. MARTINAY
DIRECTOR SPRINT

ENDORSED BY:

C. DEL ROSSEYES
DIRECTOR PLANNING OFFICE

REC. APPROVA:

C. A. POLINGA
VP ASS. CVSU

APPROVED BY:

J. D. ROULES
PRES. CVSU

PROJECT TITLE/LOCATION:

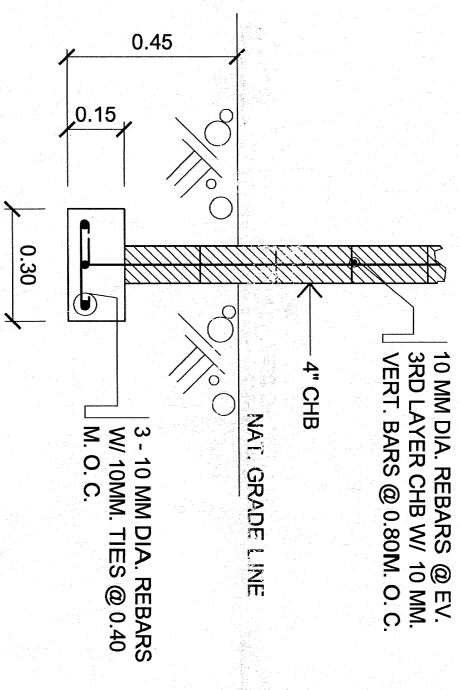
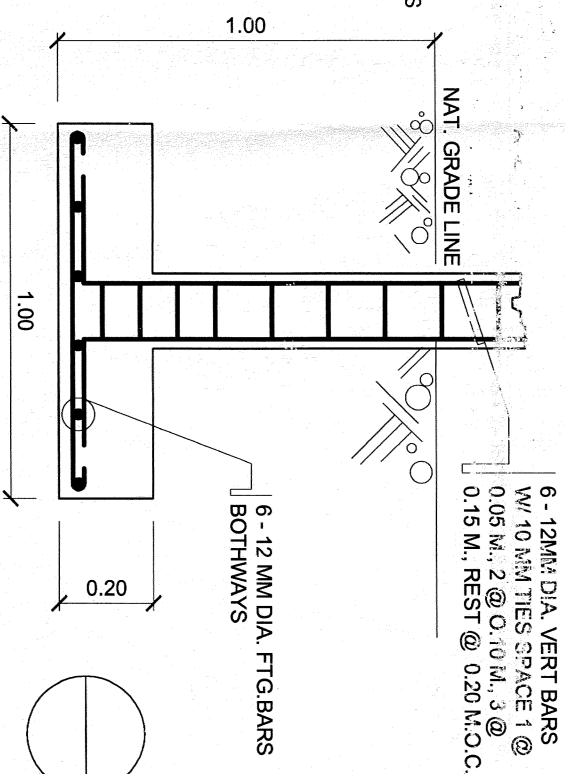
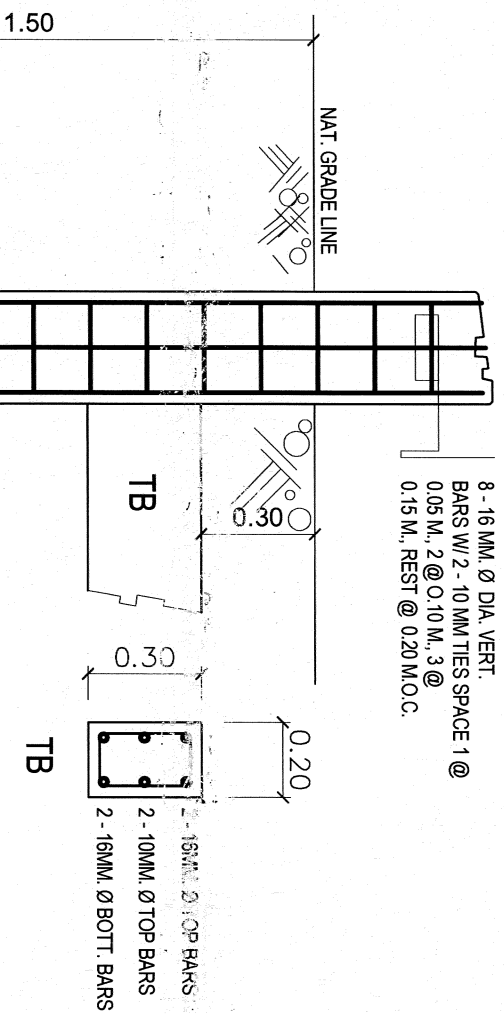
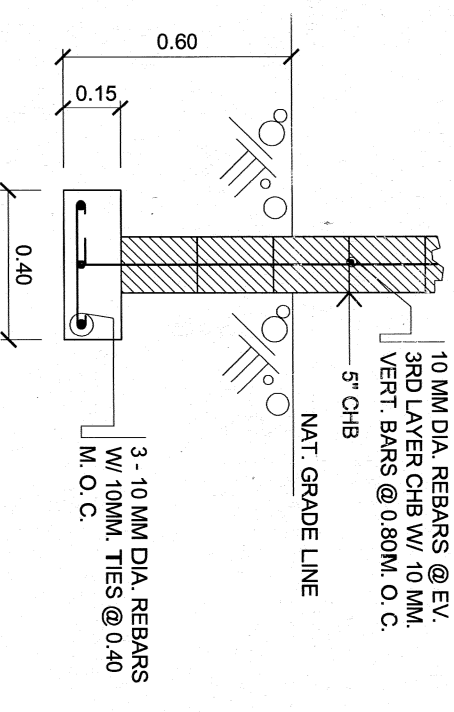
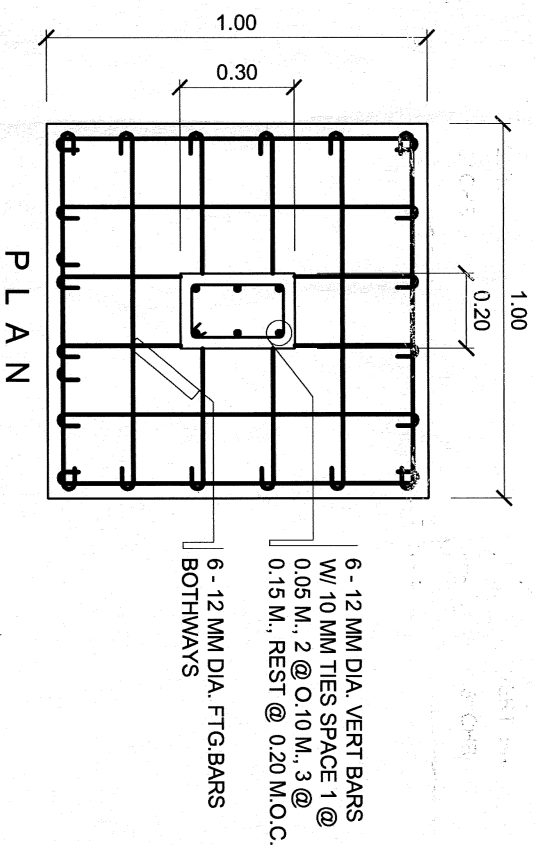
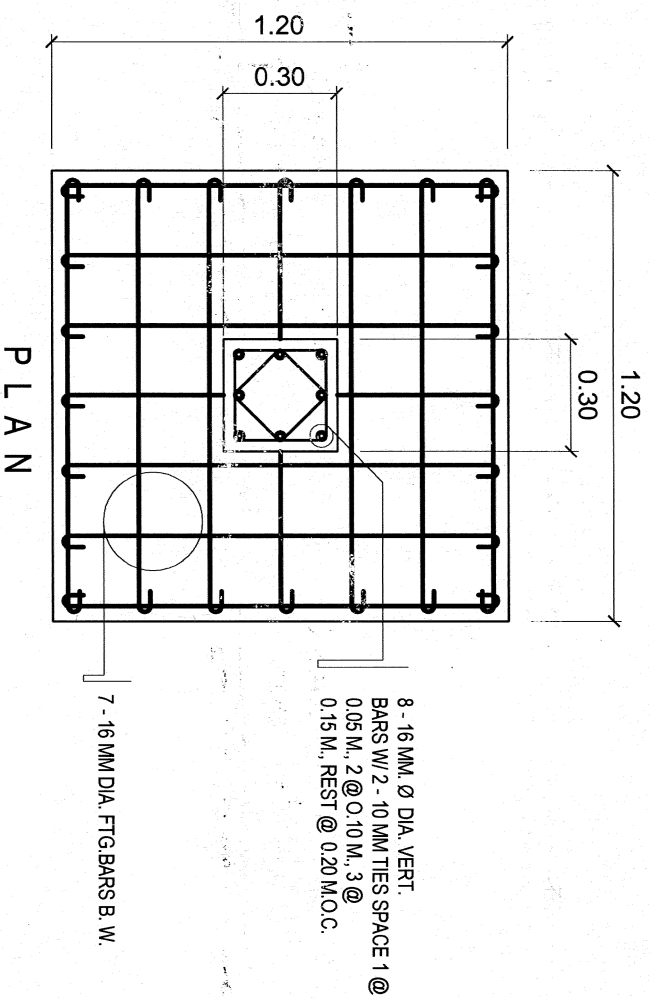
PROPOSED SPRINT TRAINING
AND EXHIBIT HALL
CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY

CAVITE STATE UNIVERSITY

SHT NO:

S - 1



DETAIL OF WALL FOOTING

SCALE 1 : 20 MTS.

SECTION

DETAIL OF C1 F1

SCALE 1 : 20 MTS.

SCALE

DETAIL OF C2 F2

SCALE 1 : 20 MTS.

CADD BY:

E. N. RODEROS JR.

CIVIL ENGR.:

END USER:

L. E. ROGELA

J. M. MONTAÑA
DIRECTOR SPRINT

O. B. DELOS REYES
DIRECTOR PLANNING OFFICE

C. A. POLINGA
VP ASS. CVSU

PRES

H. D. ROBLES
CVSU

REC. APPROVAL:

APPROVED BY:

PROJECT TITLE/LOCATION:

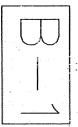
IMPLEMENTING AGENCY

SHT NO:

PROPOSED SPRINT TRAINING
AND EXHIBIT HALL

CAVITE STATE UNIVERSITY

S - 2



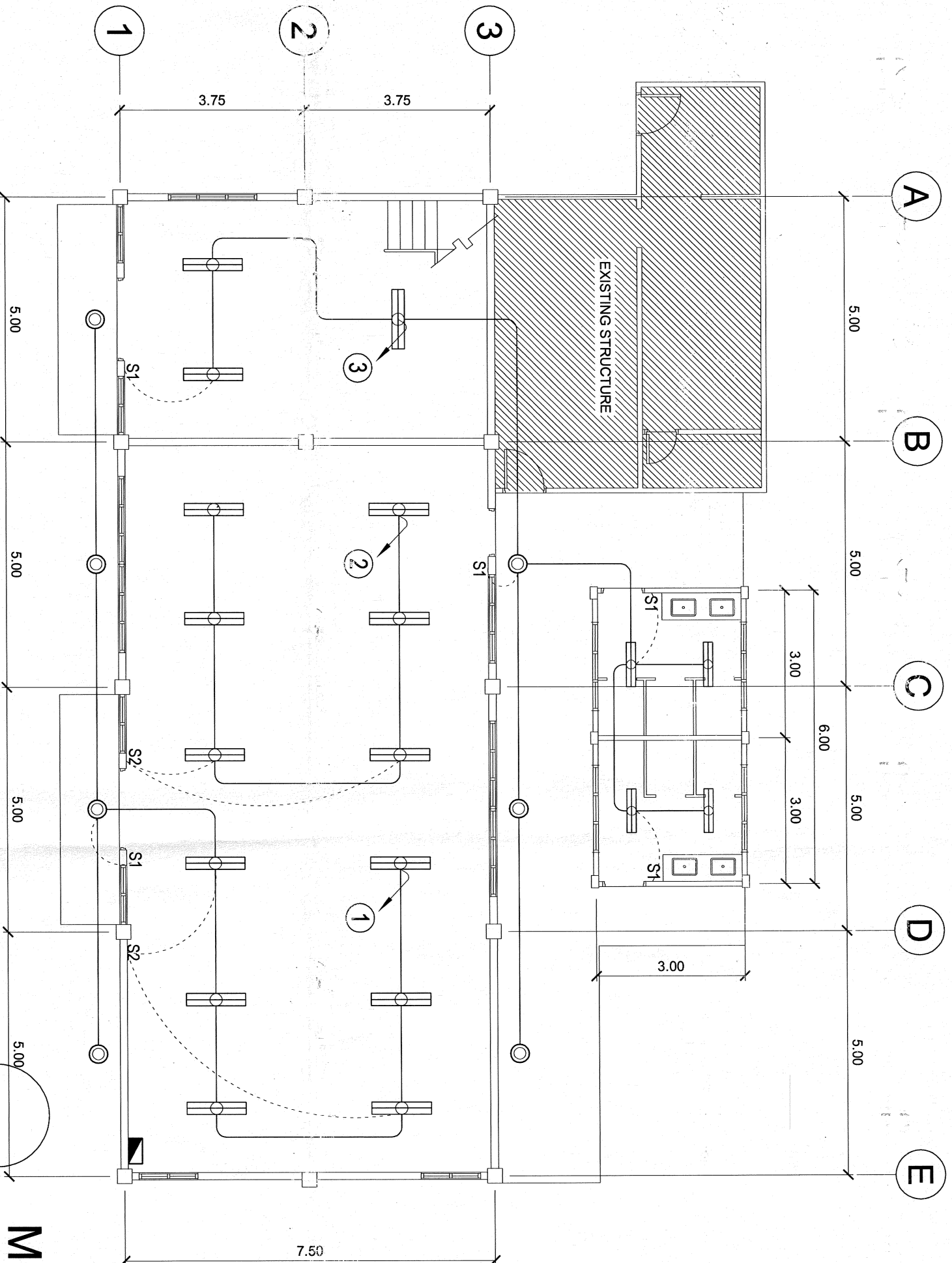
SCALE

100 MTS.

SCALE

1:100 MTS.

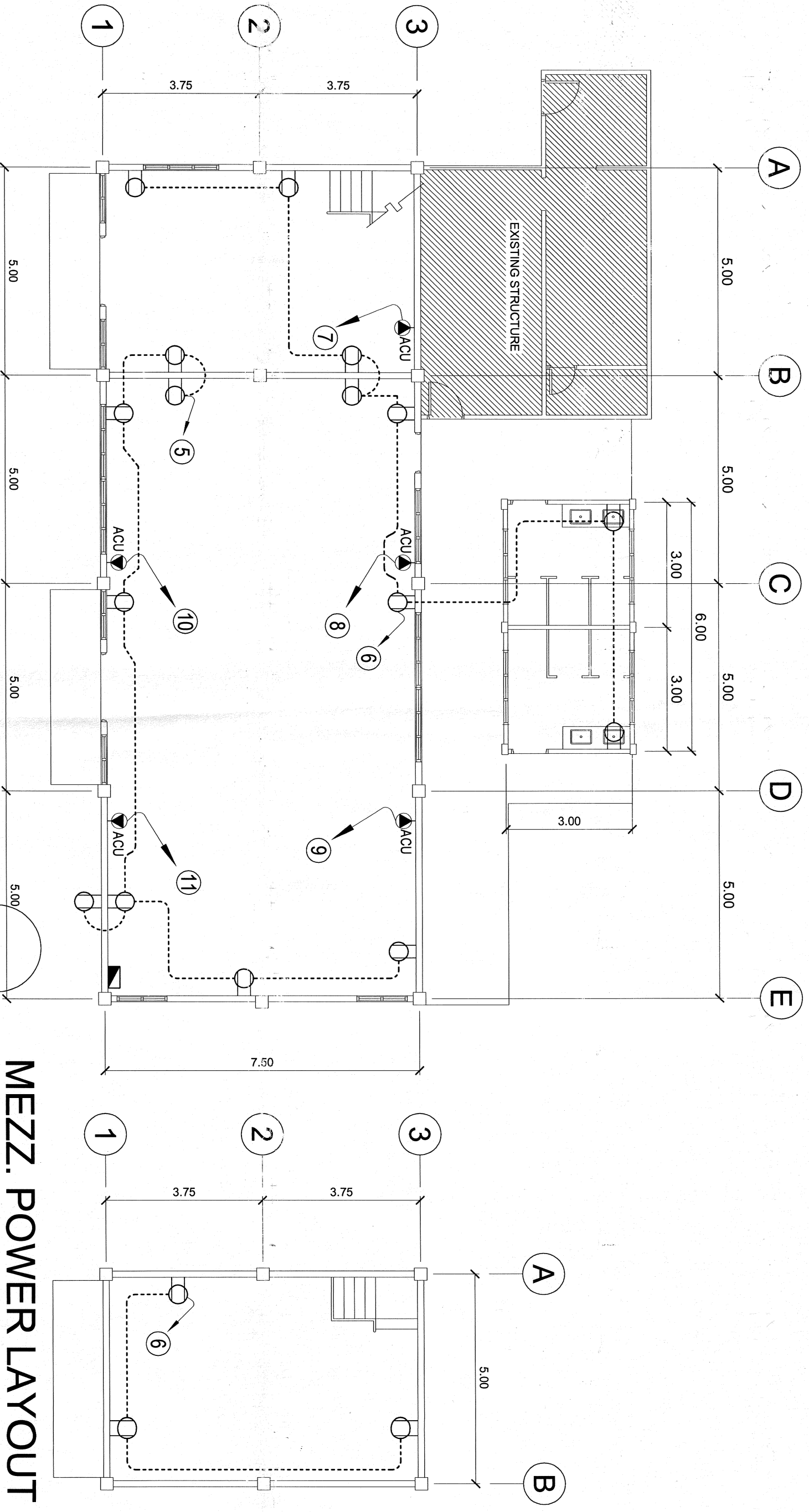
CIVIL ENGR. :	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY	SHT NO:
L E ROCELA	J. MABINTAY DIRECTOR SPRINT	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	C. A. POLINGA VPASS CVSU	H. D. ROBLES PRES CVSU	PROPOSED SPRINT TRAINING AND EXHIBIT HALL CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	S - 3



MEZZ. LIGHTING LAYOUT
SCALE 1 : 100 MTS.

MEZZ. LIGHTING LAYOUT
SCALE 1 : 100 MTS.

PROFESSIONAL ELECT. ENGR.:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
E. N. FODEROS JR.	J. MAGNANTAY DIRECTOR SPRINT	O. B. DELOS REYES DIRECTOR PLANNING OFFICE	O. A. POLINGA VPAS	M. D. ROBLES PRES	PROPOSED SPRINT TRAINING AND EXHIBIT HALL	CAVITE STATE UNIVERSITY	E - 1



MEZZ. POWER LAYOUT
SCALE 1 : 100 MTS.

POWER LAYOUT
SCALE 1 : 100 MTS.

PROFESSIONAL ELECTR. ENGR.	END USER:	ENDORSED BY:	REC. APPROVA:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY	SHT NO:
<i>E. N. RODRIGUEZ JR.</i>	J. M. SANTAY DIRECTOR SPRINT	C. B. DELGOS REYES DIRECTOR PLANNING OFFICE	C. A. BOLLINGA VPAS	H. D. ROBLES PRES	PROPOSED SPRINT TRAINING AND EXHIBIT HALL	CAVITE STATE UNIVERSITY	E - 2

SCHEDULE OF LOADS

PANEL: LP
PHASE: 3
VOLTS: 230

CABLE: 3 - 22.0 SQ. MM THHN + G8.0 SQ MM THHN
CONDUIT: RSC, 32 MM DIA.

MAIN: 50 AT, 50AF, 2P, 230V, 10 KAIC, MCCB
ENCLOSURE: NEMA 1
MOUNTING: SURFACE

Circuit No.	No. of Outlets	Description	Rating of Load									Size of Conductor (mm ²)		Color Code	Ø Conduit (mm ²)	Circuit Protection					
			HP	Φ	Volts	Watt	Amperes														
							AB	BC	CA												
										THHN	+	THHN(G)									
1	10	Lighting Outlet		1	230	1000	4.35				2 - 3.5		1R, 1B	20	15	100	10	2	B - On		
2	6	Lighting Outlet		1	230	600	2.61				2 - 3.5		1R, 1B	20	15	100	10	2	B - On		
3	10	Lighting Outlet		1	230	1000		4.35			2 - 3.5		1B, 1Y	20	15	100	10	2	B - On		
4	4	Lighting Outlet		1	230	400		1.74			2 - 3.5		1B, 1Y	20	15	100	10	2	B - On		
5	8	Covenience Outlet		1	230	1440			6.26		2 - 3.5	+	1 - 3.5	1Y, 1R, 1G	20	20	100	10	2	B - On	
6	11	Covenience Outlet		1	230	1980			8.61		2 - 3.5	+	1 - 3.5	1Y, 1R, 1G	20	20	100	10	2	B - On	
7	1	ACU Outlet, FM	2.5	1	230	3220	14.00				2 - 5.5	+	1 - 3.5	1R, 1B, 1G	40	25	100	10	2	B - On	
8	1	ACU Outlet, FM	2.5	1	230	3220	14.00				2 - 5.5	+	1 - 3.5	1R, 1B, 1G	40	25	100	10	2	B - On	
9	1	ACU Outlet, FM	2.5	1	230	3220		14.00			2 - 5.5	+	1 - 3.5	1B, 1Y, 1G	40	25	100	10	2	B - On	
10	1	ACU Outlet, FM	2.5	1	230	3220		14.00			2 - 5.5	+	1 - 3.5	1B, 1Y, 1G	40	25	100	10	2	B - On	
11	1	ACU Outlet, FM	2.5	1	230	3220			14.00		2 - 5.5	+	1 - 3.5	1Y, 1R, 1G	40	25	100	10	2	B - On	
12		Spare																			
TOTAL				1	230	22520	34.96	34.09	28.87		3 - 22.0	+	1 - 8.0	1R, 1B, 1Y, G	32	100	225	22	3	B - On	

FEEDER AND CURRENT PROTECTION COMPUTATION

NOTE:
G - Means Ground Wire

USE: IFL = [34.96 x 1.732 + (25% x Im)] DF = 62.54 Amperes
PEC 2017 Section 4.40.1.7 Page # 741 and Section 4.30.2.4 Page # 687

FEEDER: 3 - 22.0 mm² THHN (64.80A/90A) + 1 - 8.0 THHN mm² (G) in 32mm Ø RSC

1R- Color RED

1BK- Color BLACK

1G- Color GREEN

ICB = [34.96 x 1.732 + (250% x Im)] DF = 94.04 Amperes
PEC 2017 Section 4.30.4.2 Page # 687 and Table # 4.30.4.2 Page # 700

USE: MAIN: 100AT, 225AF, 240V, 3P, 15 KAIC, CB with Solid Neutral

*This Electrical Design is good only for the above connected loads.
Any additional electrical load connection in the future is prohibited,
Except redesign of electrical load system will be done.*

CADD BY:

E. N. RODEROS JR.

PROFESSIONAL ELECTL. ENGR.:

R. P. PENA

END USER:

J. M. ARROYO
DIRECTOR SPRINT

ENDORSED BY:

O. E. DELOS REYES
DIRECTOR PLANNING OFFICE

REC. APPROVAL:

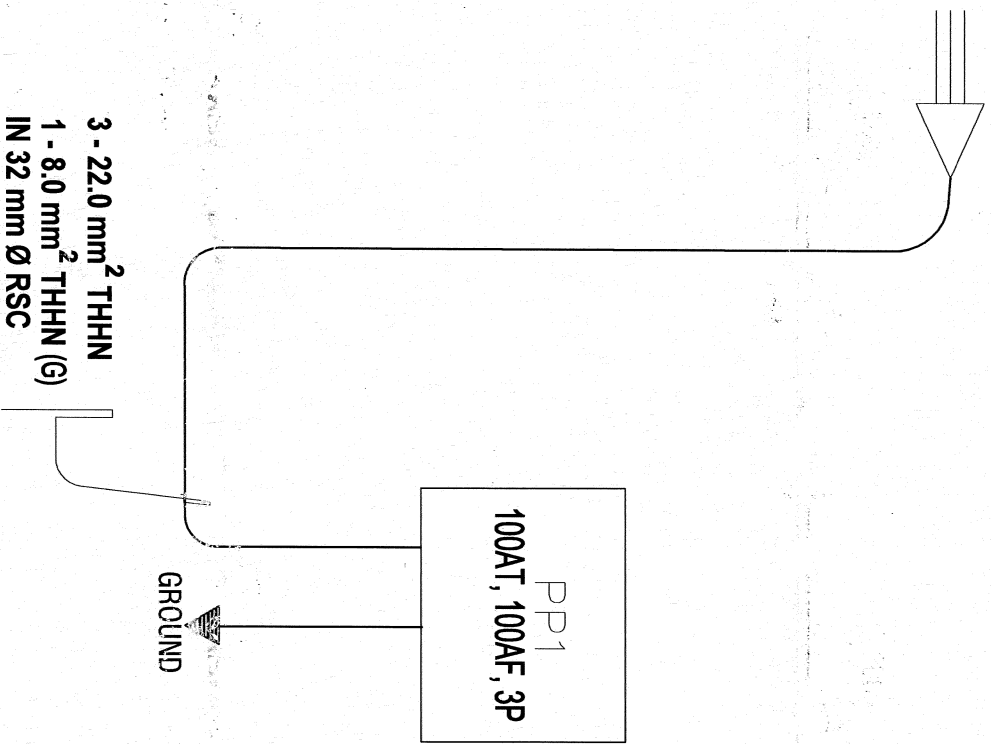
O. A. OLINGA
VPAS CVSU

APPROVED BY:

H. D. ROBLES
PRES CVSU

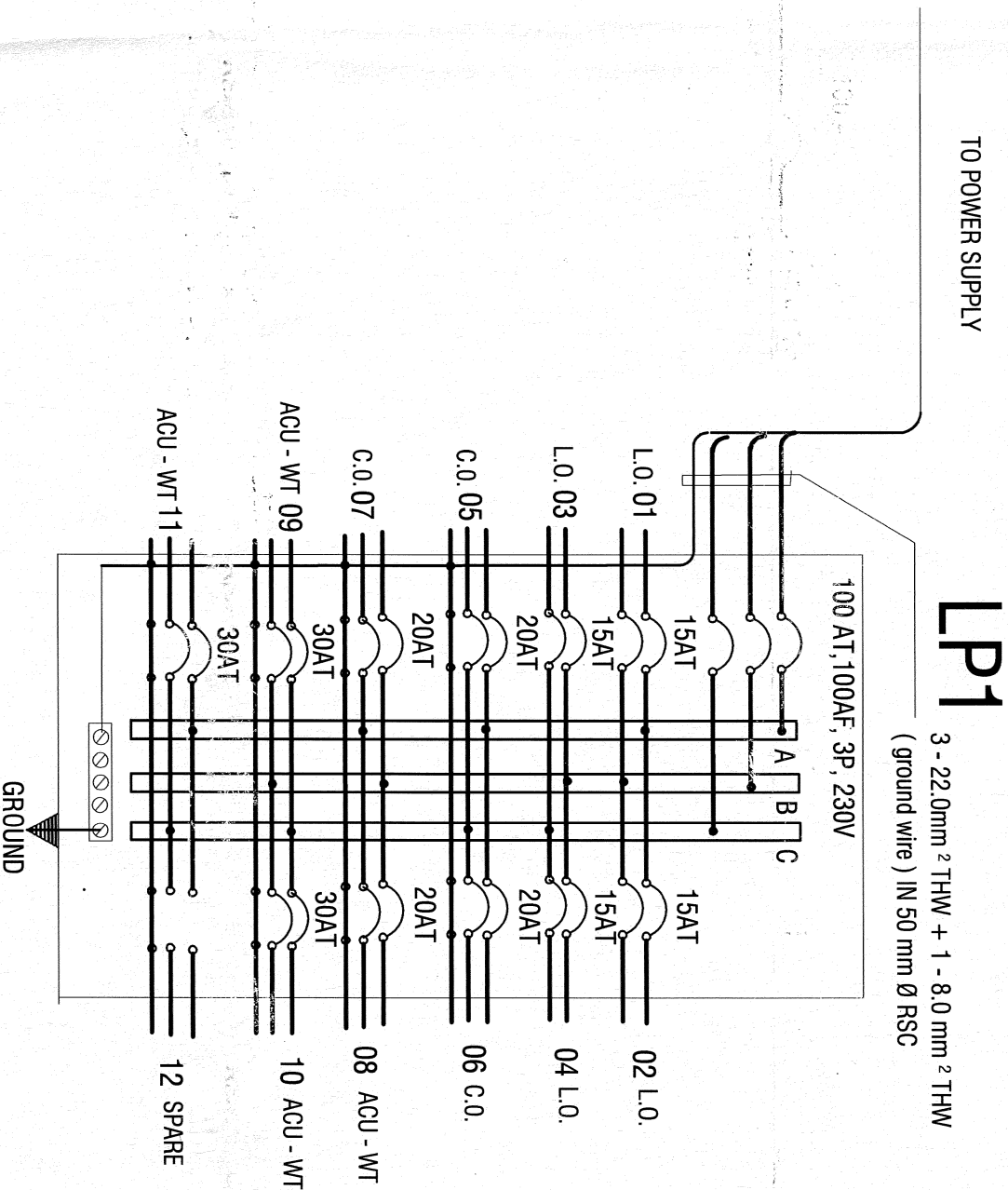
PROJECT TITLE/LOCATION:
PROPOSED SPRINT TRAINING
AND EXHIBIT HALL
CAVITE STATE UNIVERSITY

SHT NO:
E - 3



1
E 04 SCALE: NTS

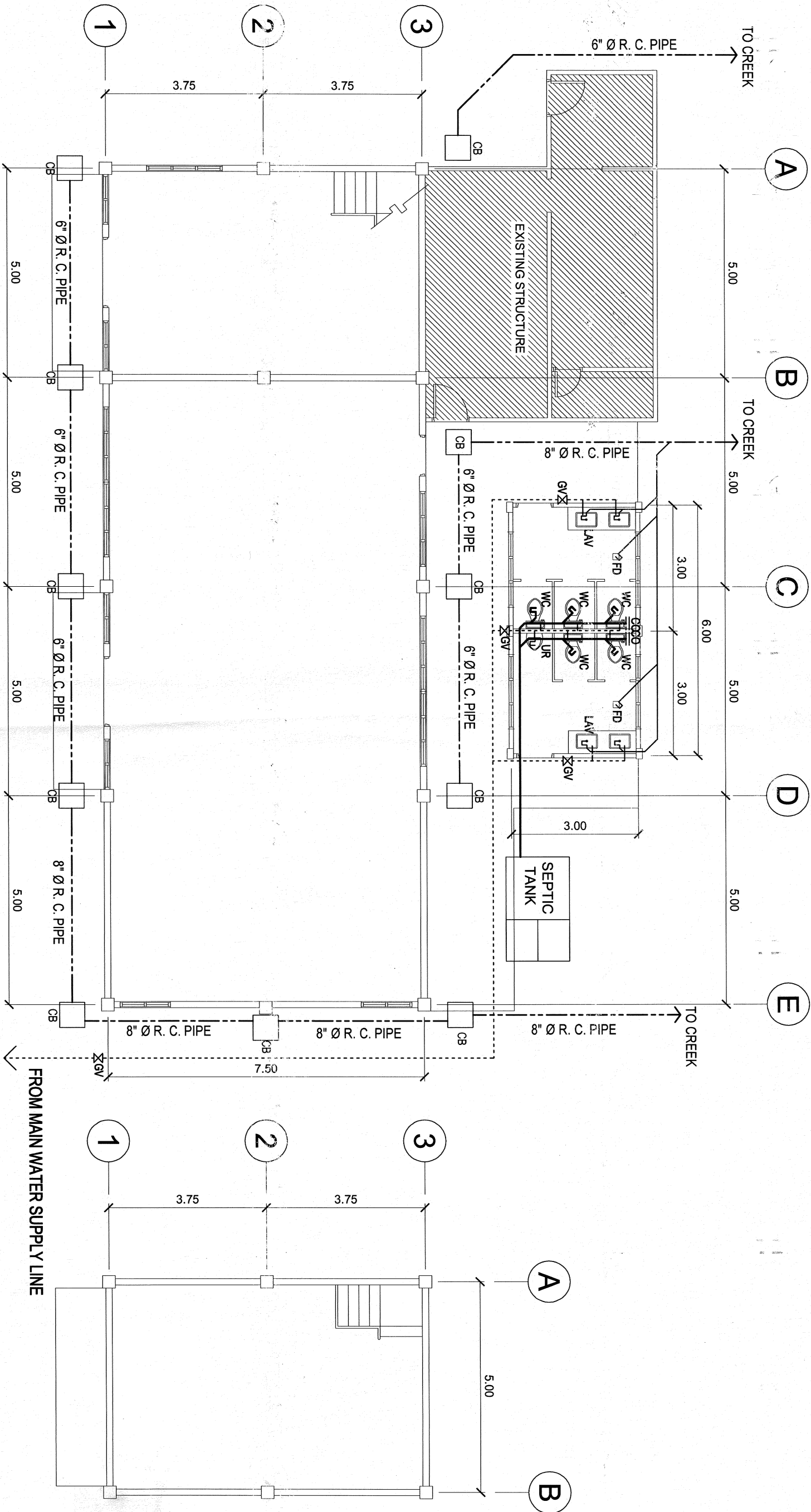
ONE LINE DIAGRAM



1
E 04 SCALE: NTS

PANEL BOARD DETAILS

CADD BY: E. N. RODEROS JR.	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
	J. M. P. MONTAY DIRECTOR SPRINT	O. G. DELOS REYES DIRECTOR PLANNING OFFICE	C. A. POLINGA VP/ASST	H. D. ROBLES PRES	PROPOSED SPRINT TRAINING AND EXHIBIT HALL	CAVITE STATE UNIVERSITY	E - 4



PLUMBING LAYOUT

SCALE 1 : 100 MTS.

SCALE

CADD BY:

E. N. RODRIGUES JR.

REGISTERED MASTER PLUMBER:

S. B. BACOT JR.

END USER:

J. M. SPRINT
DIRECTOR

ENDORSED BY:

O. B. DELOS REYES
DIRECTOR PLANNING OFFICE

REC. APPROVAL:

A. POLINGA
V.P. CVSU

APPROVED BY:

H. D. ROBLES
PRES CVSU

PROJECT TITLE/LOCATION:

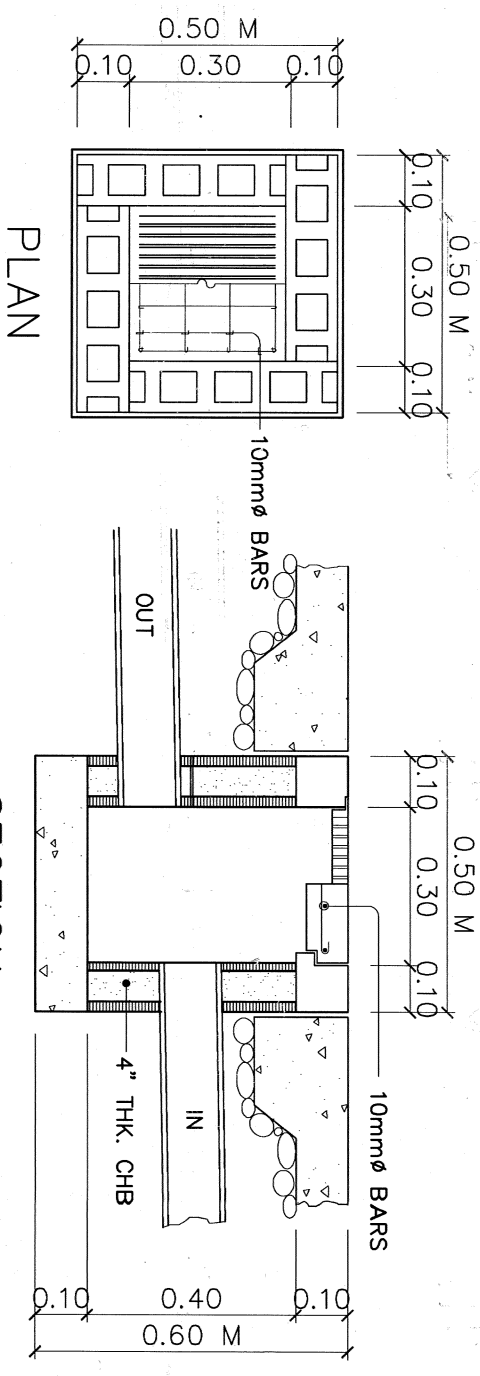
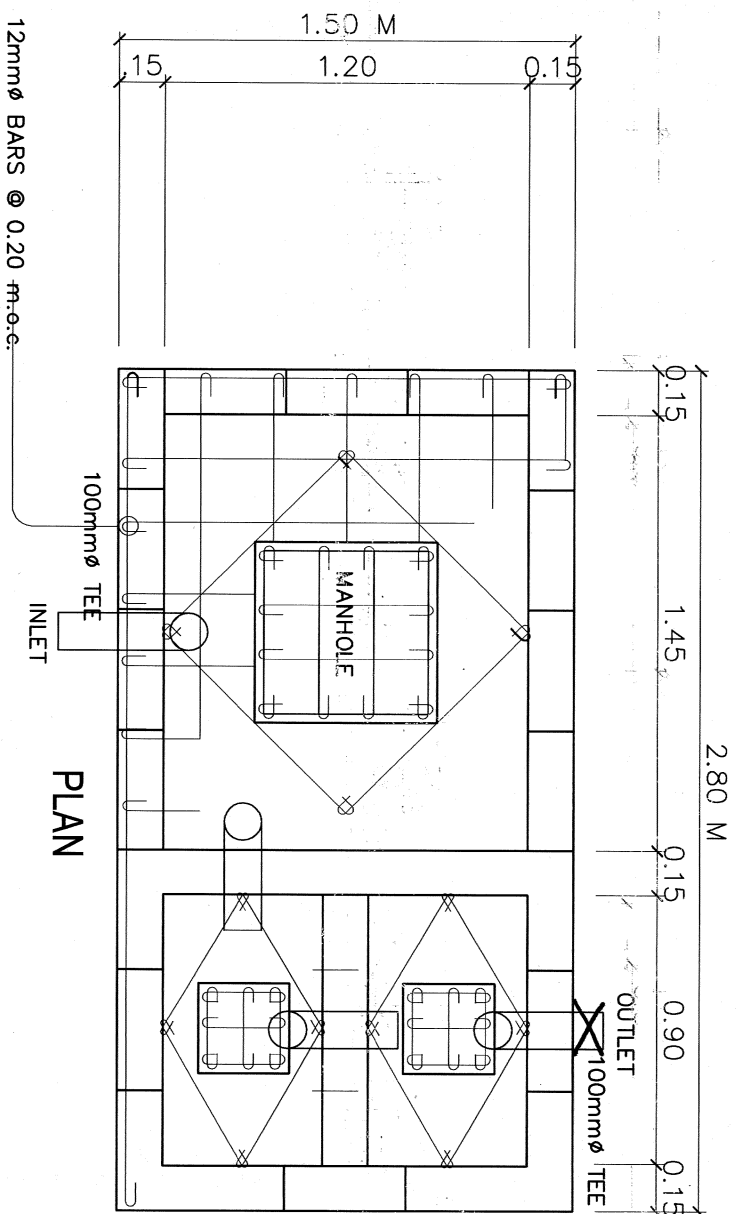
PROPOSED SPRINT TRAINING
AND EXHIBIT HALL
CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY

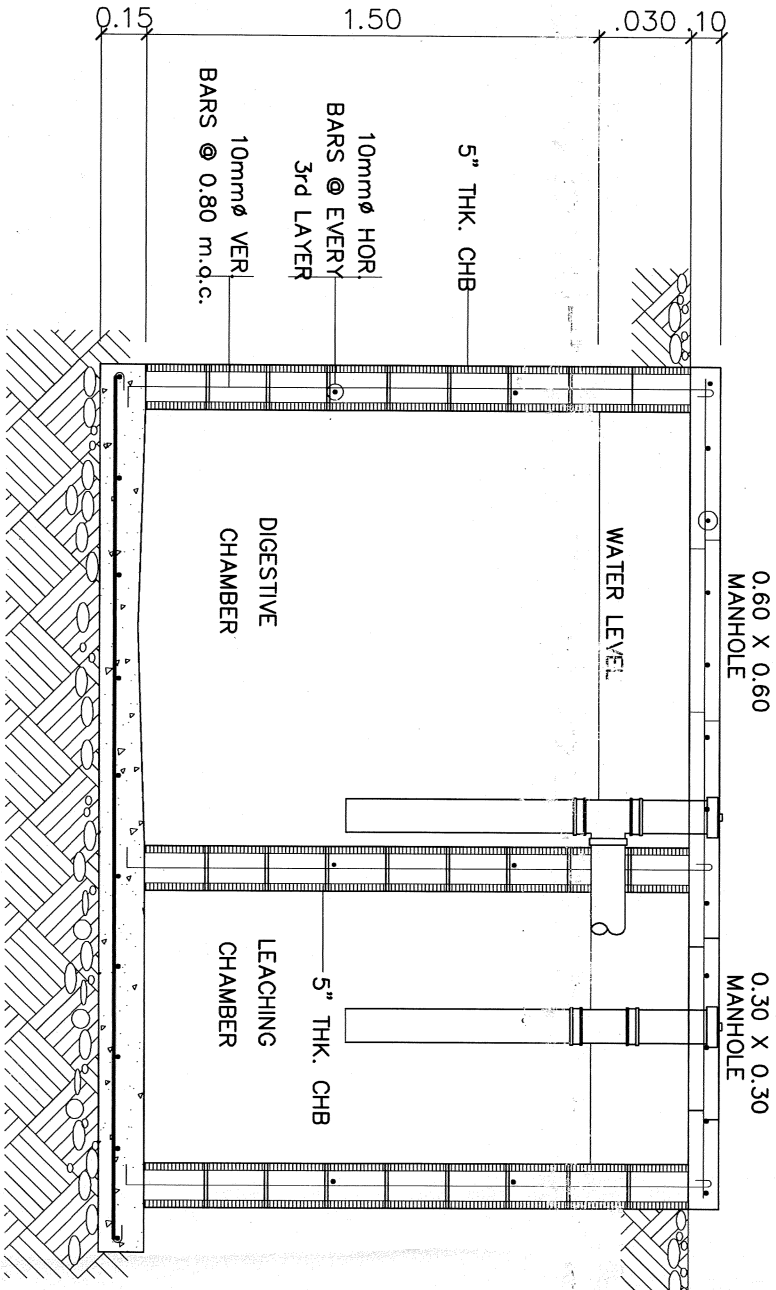
CAVITE STATE UNIVERSITY

SHT NO:

P - 1



DETAIL OF CATCH BASIN
SCALE N. T. S.



1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PHIL. PLUMBING CODE, THE NATIONAL PLUMBING CODE & THE RULES & REGULATIONS OF INDANG, CAVITE.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.

5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% UNLESS OTHERWISE SPECIFIED.
6. SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE. COORDINATE THE WORKS WITH THE SEWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT UNLESS OTHERWISE SPECIFIED.
8. ALL PIPE SIZES ARE IN MILLIMETERS AND ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

SECTION
DETAIL OF SEPTIC TANK
SCALE 1 : 20 MTS.

REGISTERED MASTER PLUMBER:	END USER:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY	SHT NO:
CADD BY: E. N. RODEROS JR.	J. M. BAYON JR. DIRECTOR	O. B. DELOS REYES DIRECTOR	C. A. POLINGA VPASS	H. D. ROBLES PRES	PROPOSED SPRINT TRAINING AND EXHIBIT HALL	CAVITE STATE UNIVERSITY	P - 2