

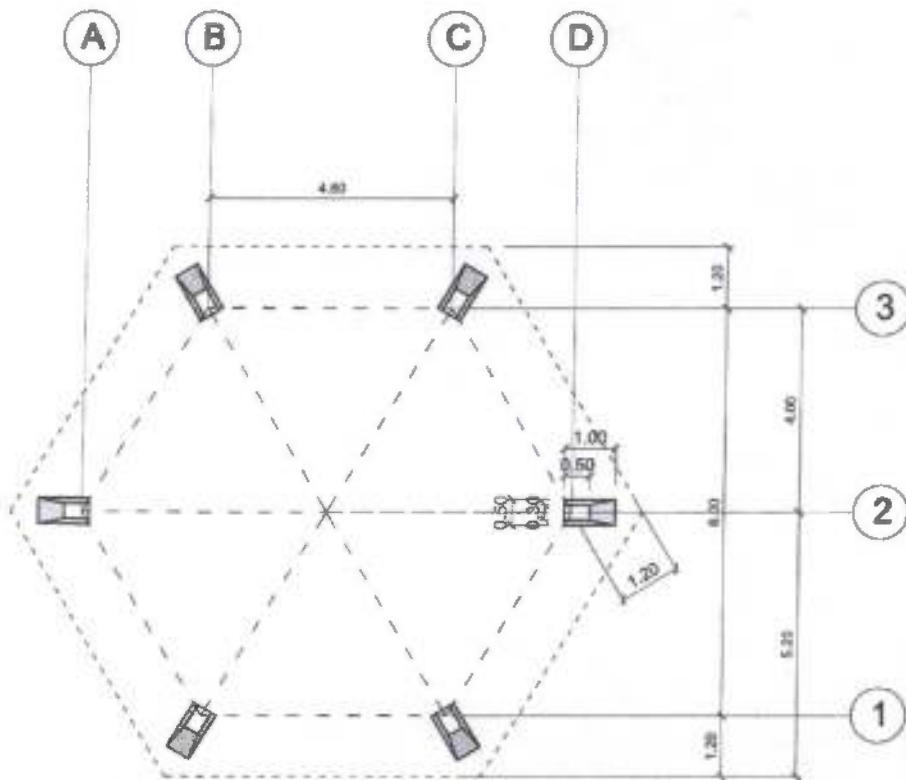
**LEGEND :**

- A - SWIMMING POOL
- B - SWIMMING POOL
- C - SWIMMING POOL
- D - CLUB HOUSE
- E - SHOWER & CR
- F - COTTAGE
- G - PROPOSED GAZEBO
- PROPOSED RETAINING WALL

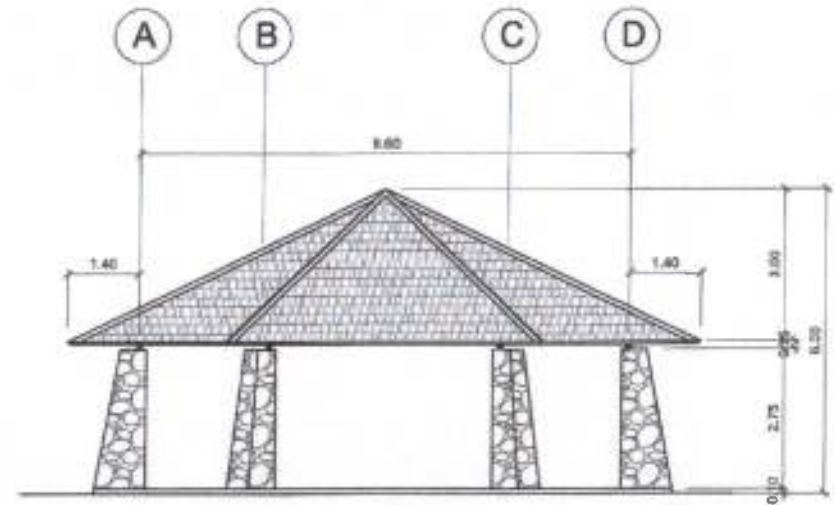
**REHABILITATION OF WATER SPORTS FACILITY  
FOR SPORTS DEVT. & LOCAL TOURISM  
(SALUYSOY RESORT)**

- CURBS & GUTTER
- G.I. GRABRAIL (50.30 m.)
- CONCRETE PATHWALK (W = 1.30 m. L = 160 l.m.)
- CONCRETE RETAINING WALL (57.60 m.)
- STAIRS TO RIVER (50.30 m.)

PREPARED BY:  <b>L. E. ROCELA</b> <small>PPU</small>	DESIGNED BY:  <b>S. B. BAYOT</b> <small>PPU</small>	ENDORSED BY:  <b>R. B. COBILLA</b> <small>DIR. PLANNING OFFICE</small>	REC. BY:  <b>L. L. CERO</b> <small>VPPPD CVSU</small>	APPROVED BY:  <b>C. A. POSINGA</b> <small>VPPPD CVSU</small>	PROJECT TITLE & LOCATION: IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) <small>CVSU, MAIN CAMPUS</small>	IMPLEMENTING AGENCY: <b>CAVITE STATE UNIVERSITY</b>	SHEET NO.: <b>1</b>
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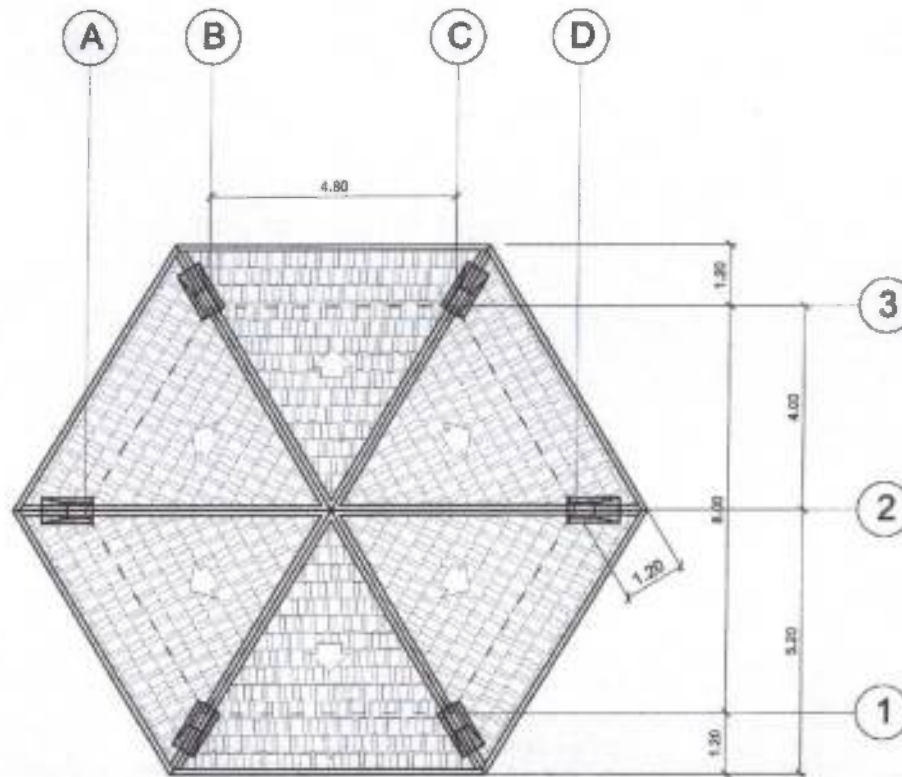


**FLOOR PLAN (CLUBHOUSE)**  
 SCALE 1:100 MTS.



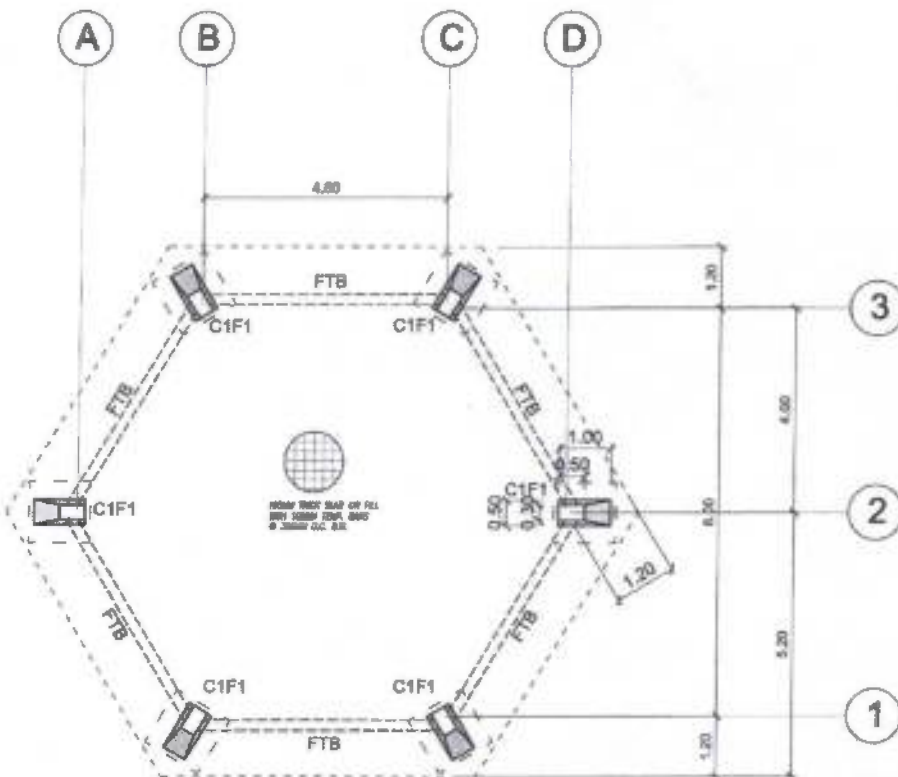
**ELEVATION (CLUBHOUSE)**  
 SCALE 1:100 MTS.

PREPARED BY:	DESIGNED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION	IMPLEMENTING AGENCY	SVT NO:
L. E. ROGELA PPU	S. B. BAYOT PPU	R. B. COBILLA DIR. PLANNING OFFICE	L. L. CERO VPPPD CVSU	C. A. POLINGA VPASL CVSU	H. D. ROBLES PRES CVSU	IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY 2



1
**ROOF PLAN (CLUBHOUSE)**  
 SCALE 1:100 MTS.

PREPARED BY	DESIGNED BY	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE/ LOCATION	IMPLEMENTING AGENCY	SHEET NO.
 L. E. ROGELA <small>PRU</small>	 S. B. BAYOT <small>PRU</small>	 R. B. CUBILLA <small>DIR. PLANNING OFFICE</small>	 L. L. CERO <small>VPPPD CVSU</small>	 C. A. POLINGA <small>VPAE CVSU</small>	 H. D. ROBLES <small>PRES CVSU</small>	IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSDY RESORT) <small>CVSU, MAIN CAMPUS</small>	CAVITE STATE UNIVERSITY 3

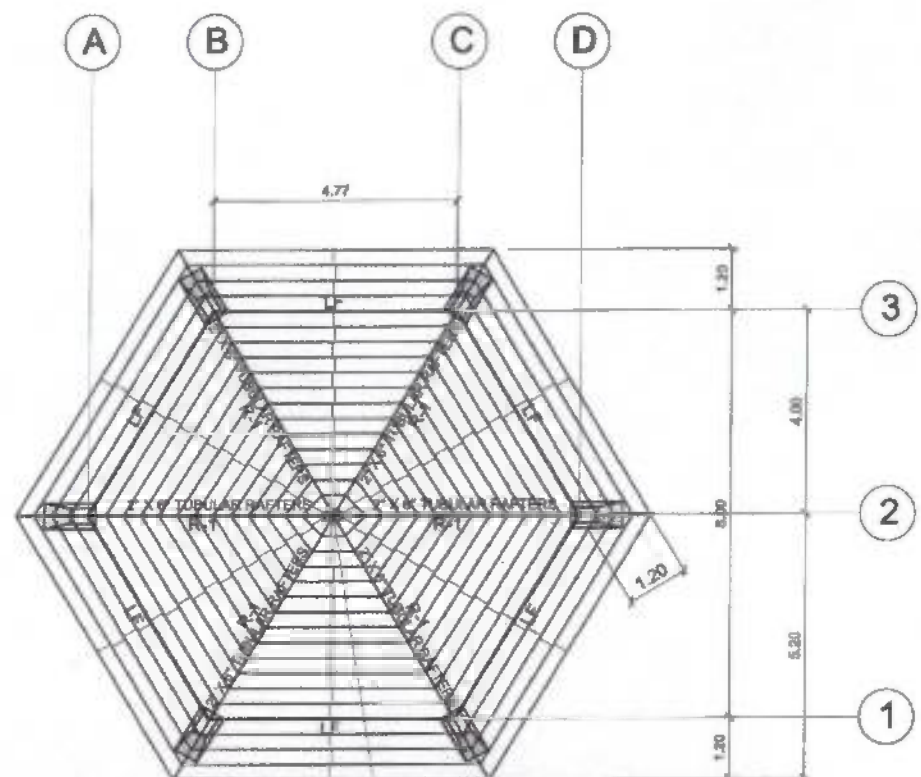


### FOUNDATION PLAN



SCALE

1:100 MTS.



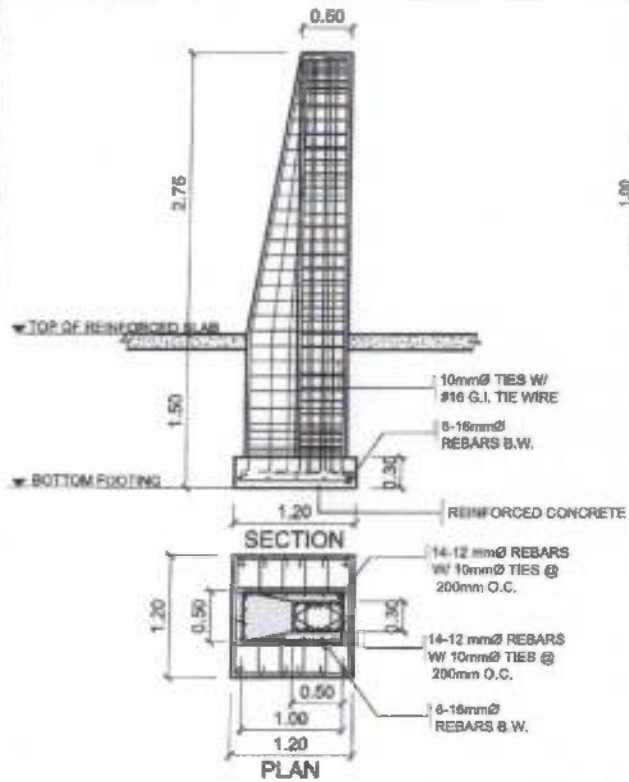
### ROOF FRAMING PLAN



SCALE

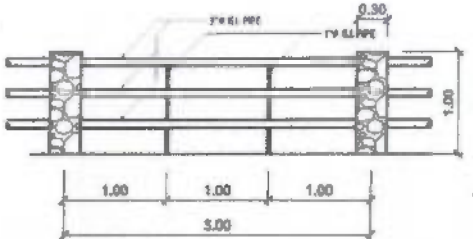
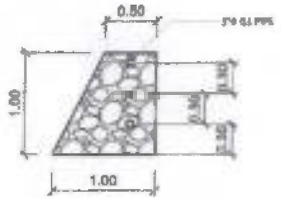
1:100 MTS.

PREPARED BY	DESIGNED BY	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE/LOCATION	IMPLEMENTING AGENCY	SHT. NO.
L. E. ROGELA RPL	L. E. ROGELA PPD	R. B. CUBILLA DIR. PLANNING OFFICE	L. L. CERO VPPPD CVSU	C. A. POLINGA VRSAS CVSU	D. ROBLES PRES CVSU	IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY 4

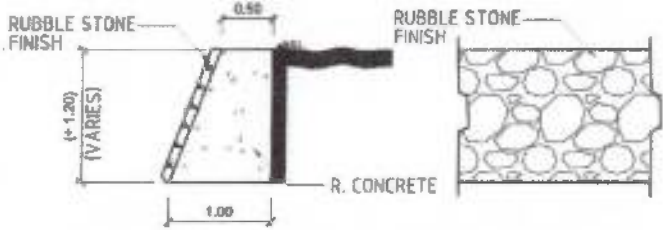
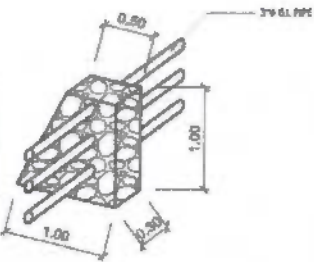


**C1F1**

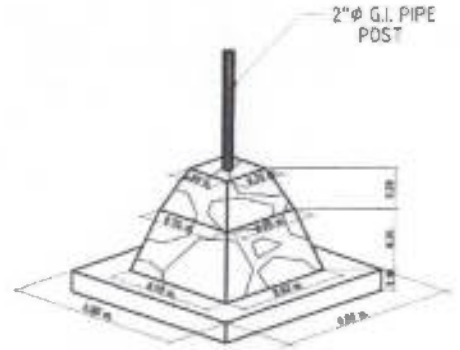
**FOOTING DETAILS**  
SCALE 1:50 MTS.



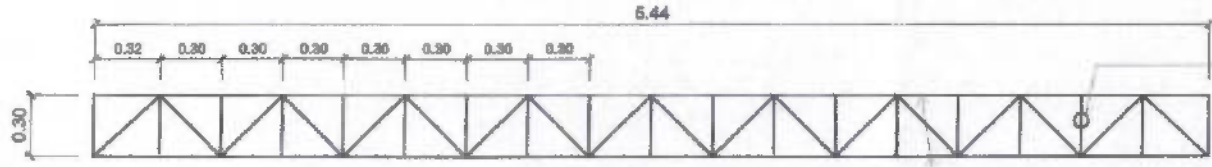
**RAILING @ VIEW DECK**  
SCALE 1:50 MTS.



**RETAINING WALL (BETWEEN SMALL SWIMMING POOL)**  
SCALE 1:50 MTS.



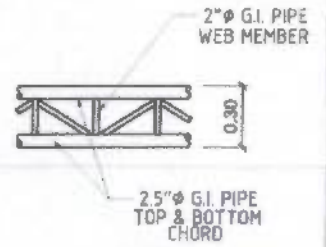
**PEDESTAL LIGHTING POST**  
SCALE 1:50 MTS.



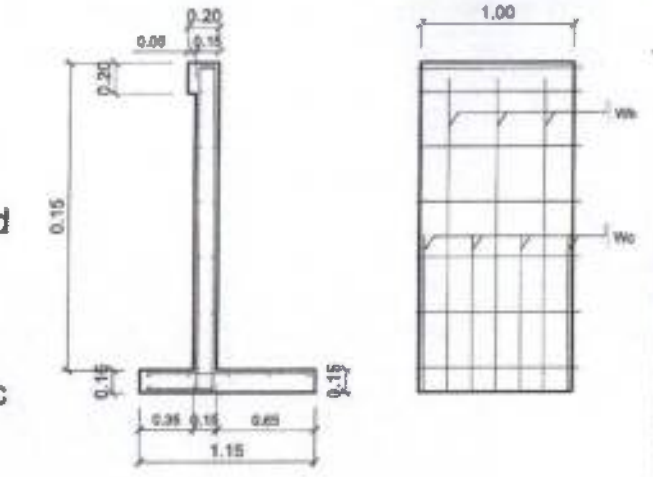
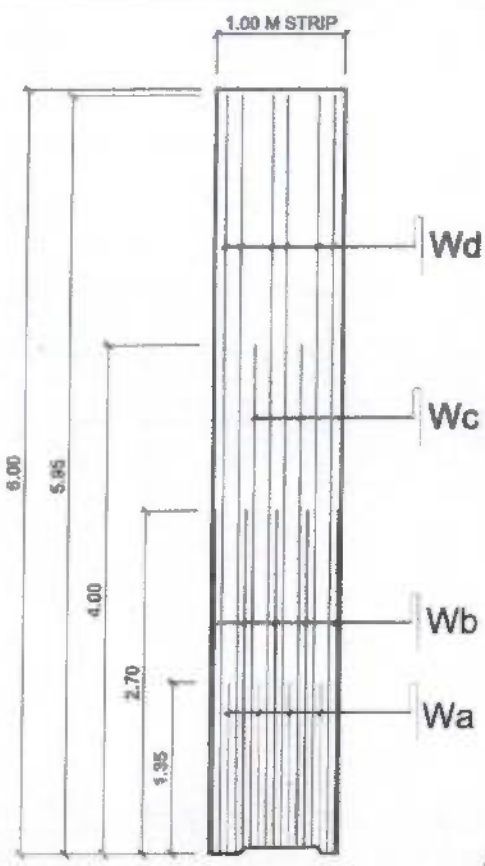
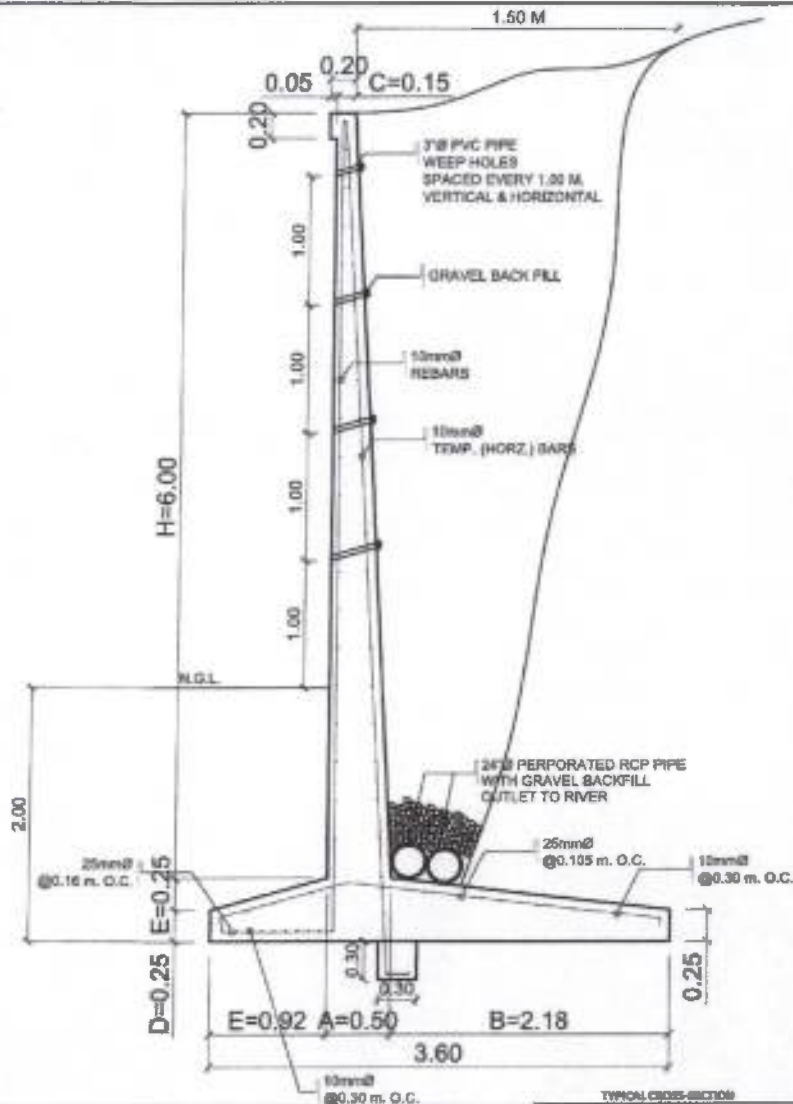
**LATERAL FRAME DETAILS**  
SCALE 1:25 MTS.

2.0" Ø G.I. PIPE WEB MEMBER

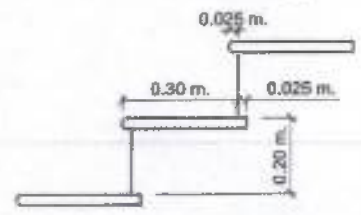
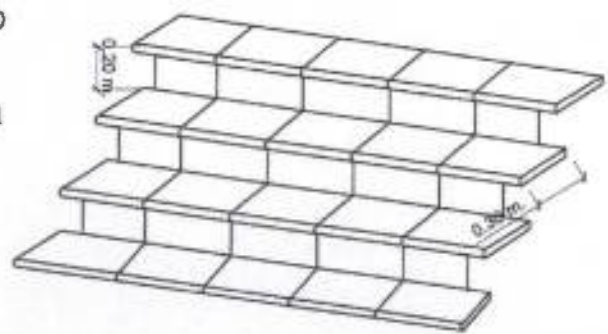
2.5" Ø G.I. PIPE TOP & BOTTOM CHORD



PREPARED BY: L. E. ROCELA CPU	DESIGNED BY: S. B. BAYOT/ L. E. ROCELA CPU	ENDORSED BY: R. B. OUBILLA DIR. PLANNING OFFICE	REC. APPROVED: L. L. CERO VPPPD CVSU	APPROVED BY: C. A. POLINGA VP/EE CVSU	APPROVED BY: H. D. ROBLES PRES CVSU	PROJECT TITLE/ LOCATION: IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHEET NO.: 5
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RETAINING WALL DETAILS  
SCALE NTS.

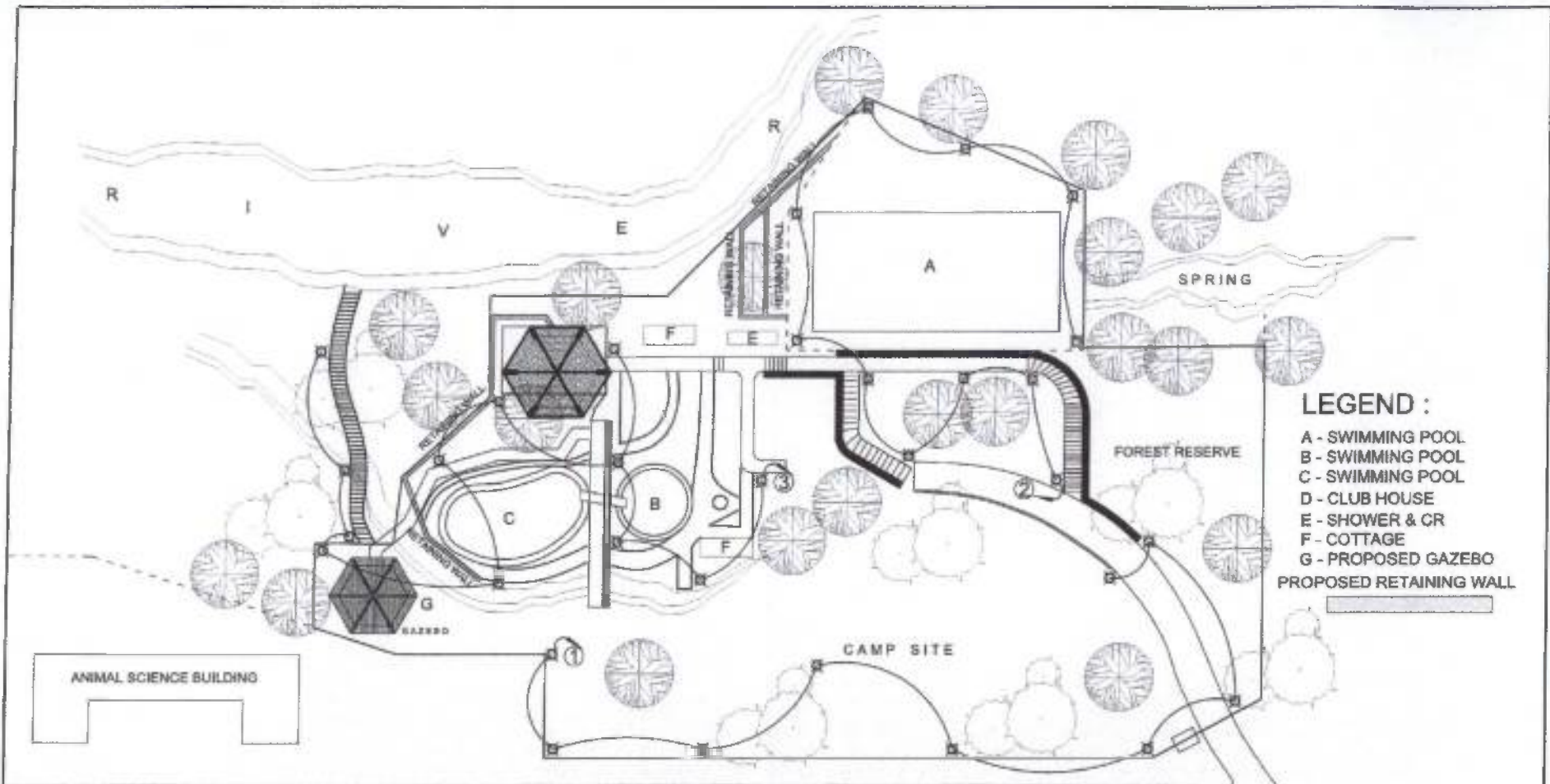


CONCRETE STAIR DETAILS  
SCALE NTS.

RETAINING WALL DETAILS  
SCALE 1:25 MTS.

TYPICAL CROSS-SECTION												SCHEDULE OF REINFORCEMENT											
DIMENSIONS (CM)																							
H	A	D	C	D	E	F	G	R	SIZE	H	SP.	SIZE	H	SP.	SIZE	H	SP.	SIZE	H	SP.	SIZE	H	SP.
300	25	37	15	25	25		7	15	100	12	12	195	12										
300	21	40	15	21	26		20	10	100	14	12	200	14	16	100	16	16	200	14	16	100	16	16
400	30	47	15	28	33		9	20	15	16	100	16	16	200	16	16	200	16	16	100	16	16	
500	38	56	15	35	41		14	25	20	150	15	20	200	20	20	200	20	20	100	20	20	200	
600	47	66	15	44	51		20	30	25	180	14	25	240	24	20	400	18	20	200	20	20	400	

PREPARED BY: <b>L. E. ROCELA</b> CPU	DESIGNED BY: <b>S. B. BAYOT / L. E. ROCELA</b> CPU	ENDORSED BY: <b>R. B. CUBILLA</b> DIR. PLANNING OFFICE	REC. APPROVED BY: <b>L. L. CERO</b> VPPPD CVSU	APPROVED BY: <b>C. A. POLINGA</b> VPASS CVSU	PROJECT TITLE/ LOCATION: IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (BALIYSOY RESORT) CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SMT NO.: 6
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- LEGEND :**
- A - SWIMMING POOL
  - B - SWIMMING POOL
  - C - SWIMMING POOL
  - D - CLUB HOUSE
  - E - SHOWER & CR
  - F - COTTAGE
  - G - PROPOSED GAZEBO
  - PROPOSED RETAINING WALL



TO NEW ACQUIRED LAND

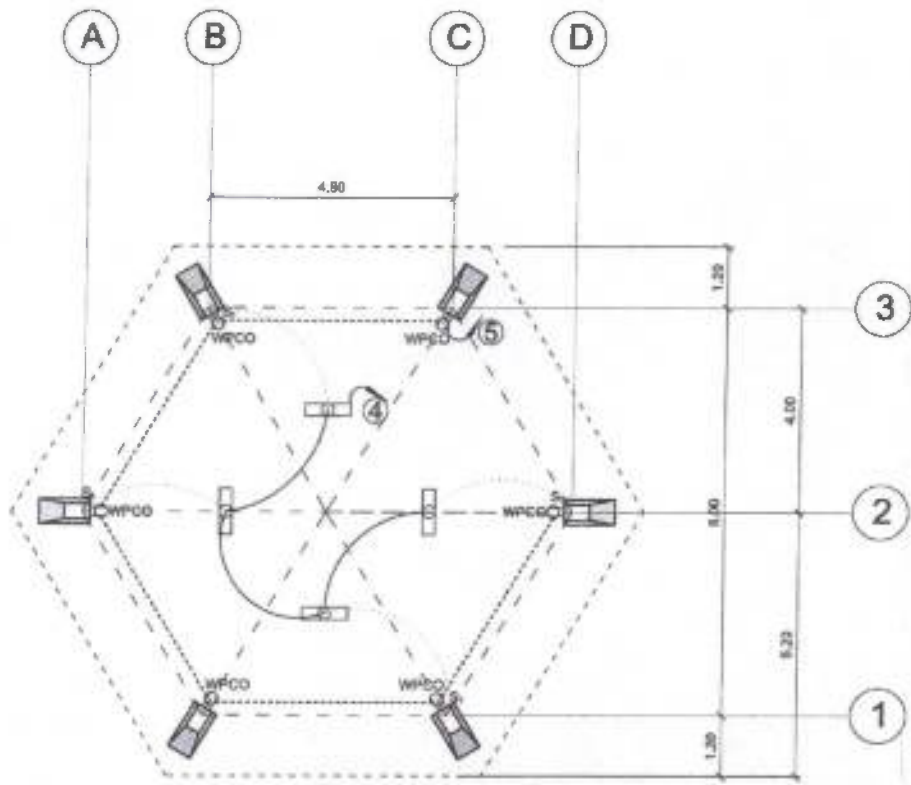
- CURBS & GUTTER
- G.I. GRABRAIL (50.30 m.)
- CONCRETE PATHWALK ( W = 1.30 m. L = 160 l.m.)
- CONCRETE RETAINING WALL (57.80 m.)
- STAIRS TO RIVER (50.30 m.)

**REHABILITATION OF WATER SPORTS FACILITY  
FOR SPORTS DEVT. & LOCAL TOURISM  
(SALUYSOY RESORT)**

**ELECTRICAL LAYOUT**



PREPARED BY	DESIGNED BY	ENDORSED BY	REC. APPROVED	APPROVED BY	PROJECT TITLE/LOCATION	IMPLEMENTING AGENCY	SHEET NO.
L. E. ROSELA CPU	R. P. PEÑA PPU	R. B. DUBILLA DIR. PLANNING OFFICE	L. L. CERO VPPPD CVSU	C. A. POLINGA VPASS CVSU	H. D. ROBLES PRES CVSU	IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY 7



# ELECTRICAL PLAN (CLUBHOUSE)



SCALE

1:100 MTS.

PANEL: LPA  
PHASE: 1  
VOLTS: 230

CABLE: 2 - 6.0 SQ. MM THHN + G 5.5 SQ MM THHN  
CONDUIT: RSC, 25 MM DIA.

MAIN: 50 AT, 50AF, 3P, 230V, 15 KVA, RSCB  
ENCLOSURE: NEMA 1  
MOUNTING: SURFACE

CIRCUIT NO.	NO. OF CIRCUITS	PANEL DESCRIPTION	LOAD IN			CIRCUIT PROTECTION	Size of Conductor		Size of Conduit in mm φ	Color Code
			WATTS	VOLTS	AMPERES		90 °C IN 1.80" φ	90 °C IN 1.80" φ		
1	5	LIGHTING OUTLET	800	230	3.47	20AT, 2P, 10 KVA	2 - 3.5	φ 2.0	1R, 1B, G	
2	11	LIGHTING OUTLET	1100	230	4.78	20AT, 2P, 10 KVA	2 - 3.5	φ 2.0	1R, 1B, G	
3	6	CONVERGENCE OUTLET	1080	230	4.70	20AT, 2P, 10 KVA	2 - 3.5	φ 2.0	1R, 1B, G	
4		SPARE								
5		SPARE								
6		SPARE								
TOTAL			4680	230	20.35	20AT, 2P, 15 KVA	2 - 3.5	φ 2.0	1R, 1B, G	

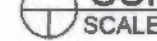
FEEDER and CURRENT PROTECTION COMPUTATION:

NOTE:  $I_n = \frac{4680}{230} + 25\% \times I_n = 22.35$  Amperes  
 G - Means Ground Wire  
 1R - Color RED  
 1B - Color BLACK  
 1G - Color GREEN

$I_{CB} = \frac{4680}{230} + 200\% \times I_n = 40.35$  Amperes  
 size: 20AT, 2P, 15 KVA, CB

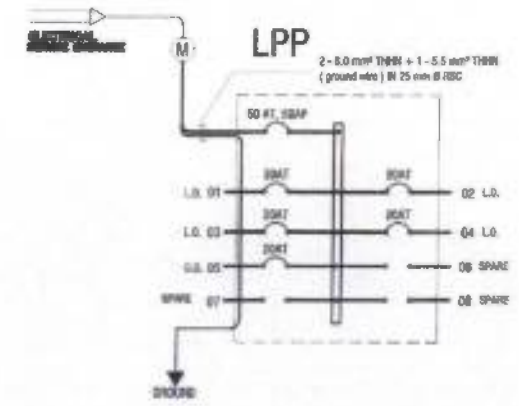
This Electrical Design is good only for the above connected loads.  
 Any additional electrical load connection in the future is prohibited.  
 Except redesign of electrical load system will be done.

## SCHEDULE OF LOADS

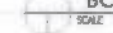


SCALE

N.T.S.



## BOARD PANEL DETAILS



SCALE

N.T.S.

PREPARED BY:	DESIGNED BY:	ENDORSED BY:	REC. APPROVED:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:	
L. E. ROCELA RFU	R. P. PENA PPU	R. B. CUBILLA DIR. PLANNING OFFICE	L. L. CERO VPPPD CVSU	C. A. POLINGA VPRES CVSU	H. D. ROBLES PRES CVSU	IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYBOY RESORT) CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	8