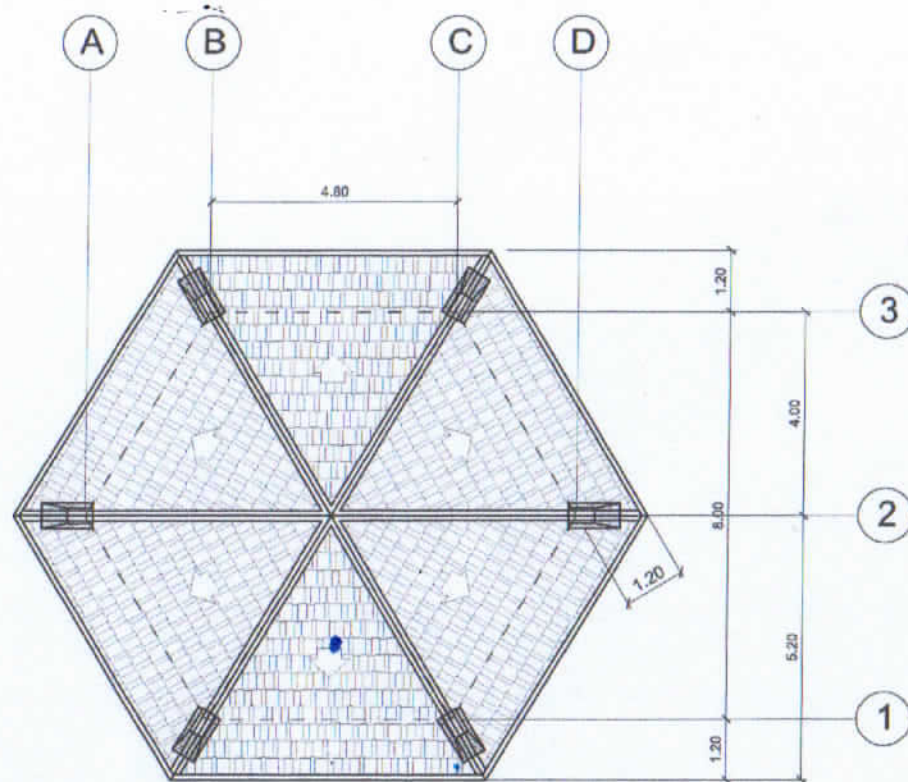



- LEGEND :**
- A - SWIMMING POOL
 - B - SWIMMING POOL
 - C - SWIMMING POOL
 - D - CLUB HOUSE
 - E - SHOWER & CR
 - F - COTTAGE
 - G - PROPOSED GAZEBO
 - PROPOSED RETAINING WALL

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

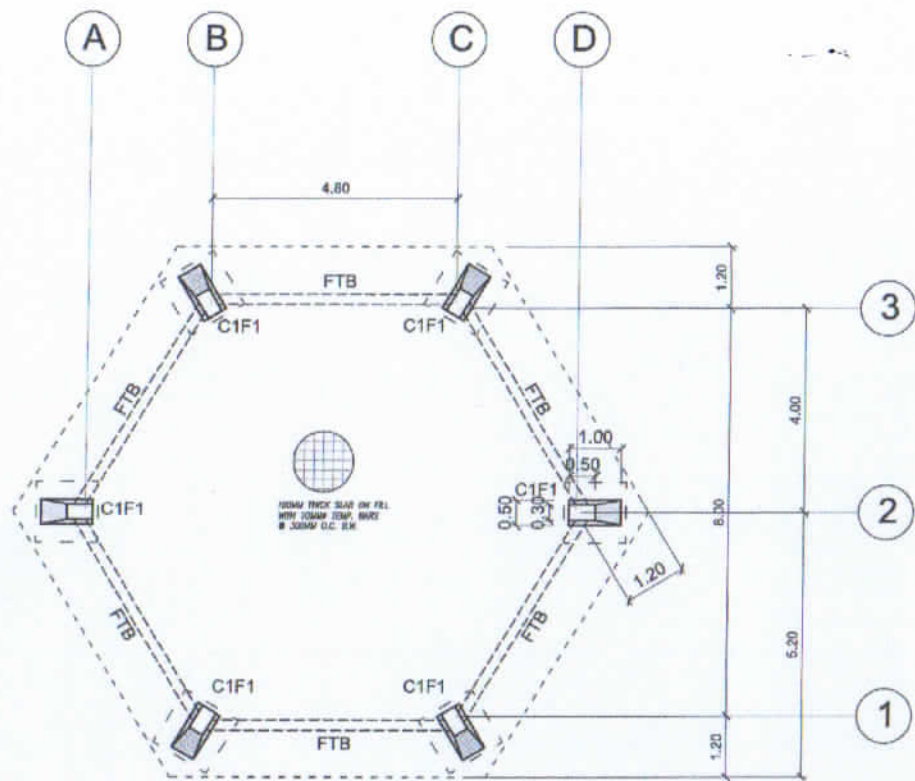
- CURBS & GUTTER
- G.I. GRABRAIL (50.30 m.)
- CONCRETE PATHWALK (W = 1.30 m. L = 160 l.m.)
- CONCRETE RETAINING WALL (57.60 m.)
- STAIRS TO RIVER (50.30 m.)

PREPARED BY: L. E. ROCELA DPU	DESIGNED BY: S. B. BAYOT PRU	ENDORSED BY: R. E. CUBILLA DIR. PLANNING OFFICE	REC. APPROVAL: L. L. CERO VPPPD CVSU	APPROVED BY: C. A. POLINGA VPASS 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	SHT NO: 1
--	---	--	---	--	--	--	---	--------------




ROOF PLAN (CLUBHOUSE)
 SCALE 1:100 MTS.

PREPARED BY	DESIGNED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY	SHT NO:
L. E. ROGELA PPU	S. B. BAYOT PRU	R. B. CUBILLA 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 3

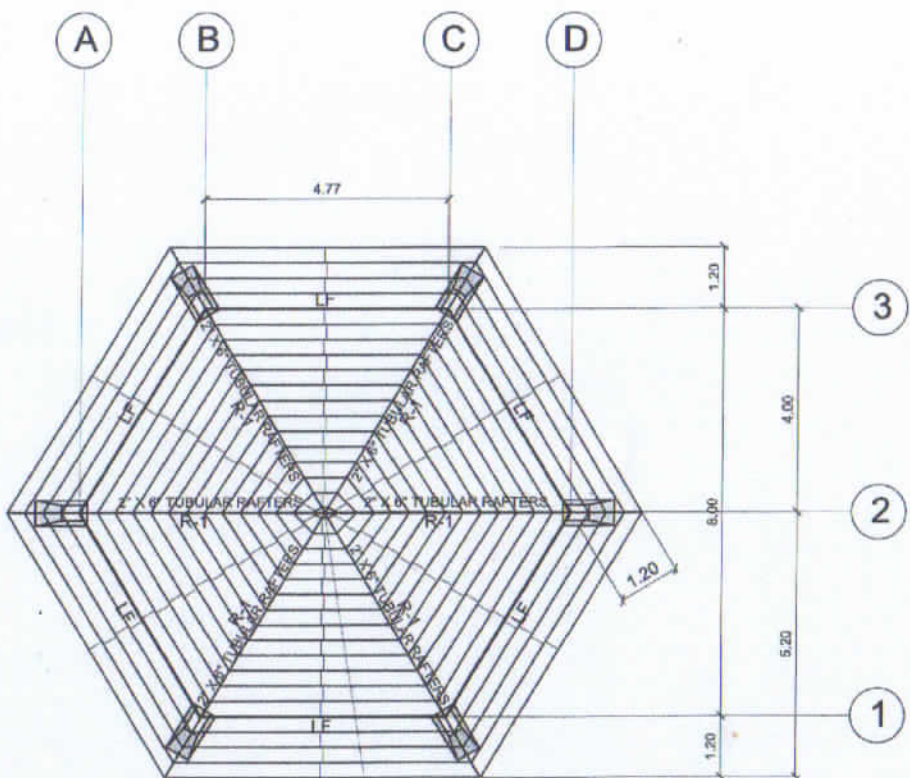


FOUNDATION PLAN



SCALE

1:100 MTS.



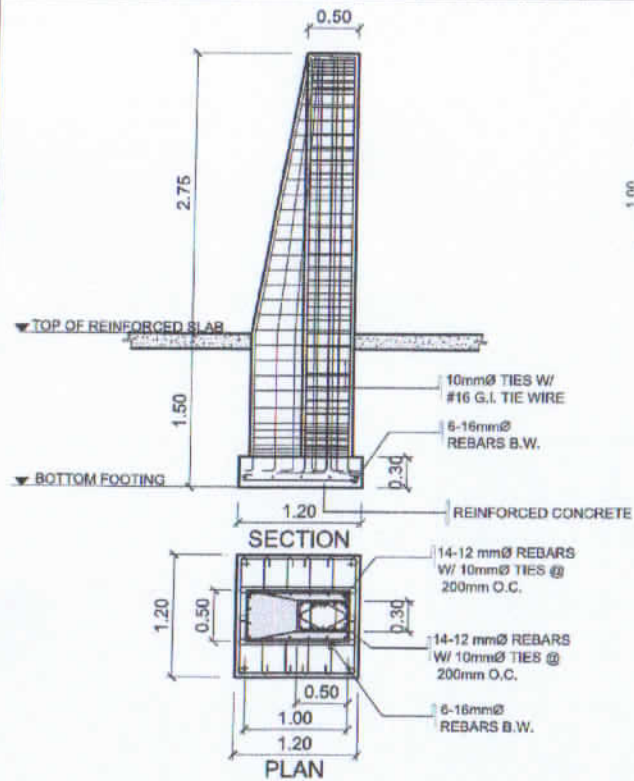
ROOF FRAMING PLAN



SCALE

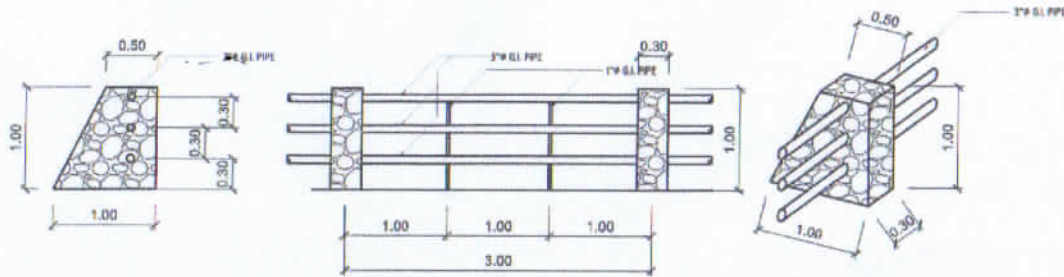
1:100 MTS.

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

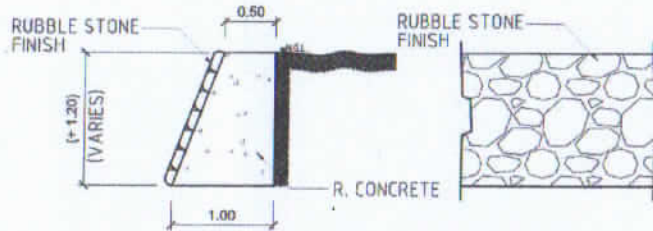


C1F1

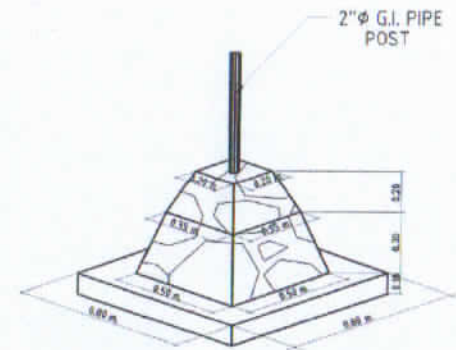
FOOTING DETAILS
SCALE 1:50 MTS.



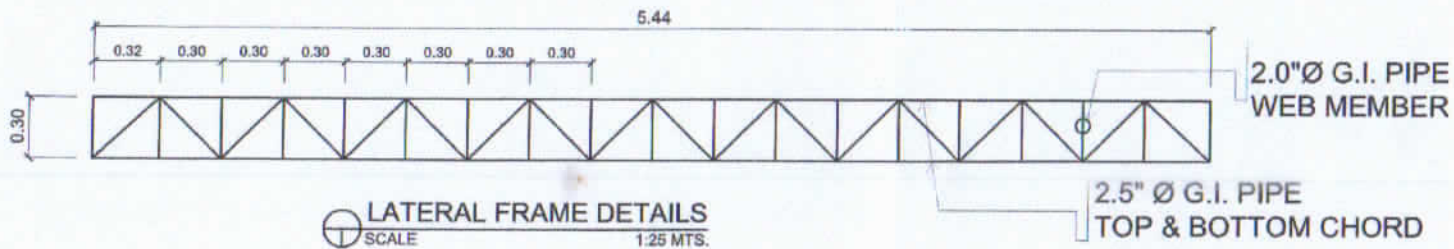
RAILING @ VIEW DECK
SCALE 1:50 MTS.



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

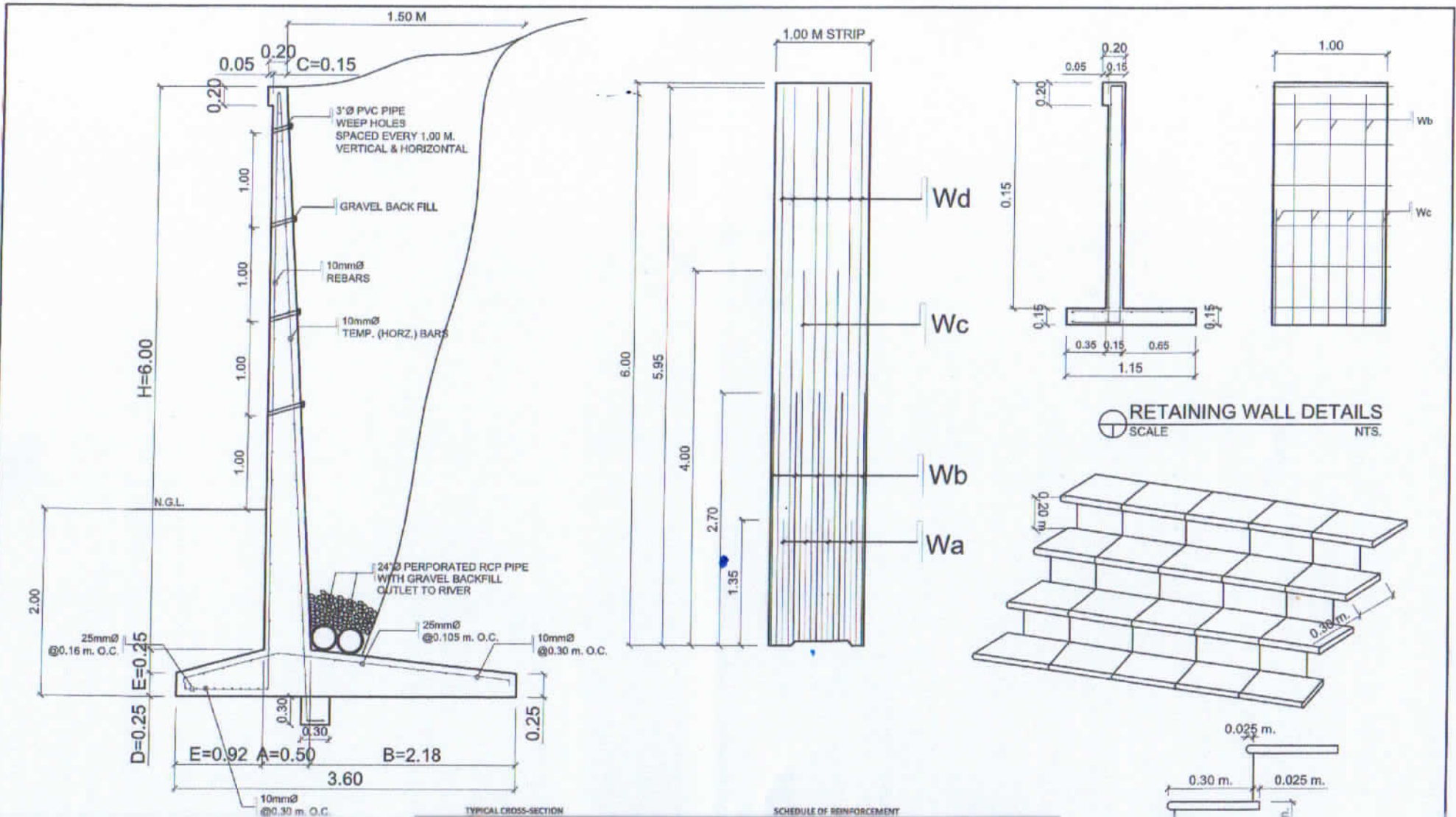


PEDESTAL LIGHTING POST
SCALE 1:50 MTS.



LATERAL FRAME DETAILS
SCALE 1:25 MTS.

PREPARED BY	DESIGNED BY	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE/ LOCATION	IMPLEMENTING AGENCY	SHT NO.	
L. E. ROCELA PPU	S. B. BAYOT/ L. E. ROCELA PPU	R. B. DUBILLA DIR. PLANNING OFFICE	L. L. CERO VPPPD CVSU	C. A. POLINGA VP ASS CVSU	H. D. ROBLES PRES CVSU	IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) CVSU, MAIN CAMPUS	CAVITE STATE UNIVERSITY	5



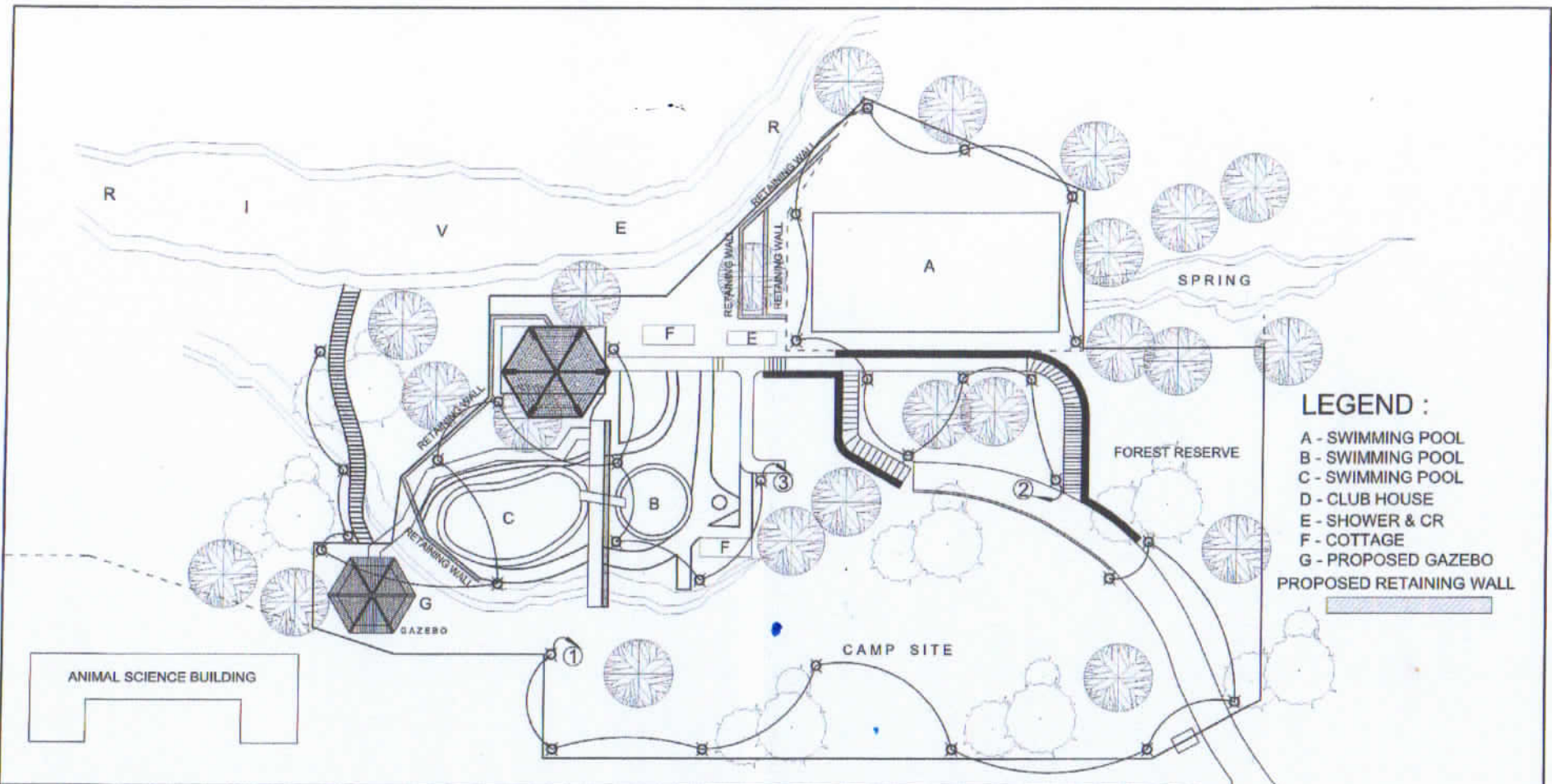
RETAINING WALL DETAILS
SCALE 1:25 MTS.

RETAINING WALL DETAILS
SCALE NTS.

CONCRETE STAIR DETAILS
SCALE NTS.

TYPICAL CROSS-SECTION										SCHEDULE OF REINFORCEMENT																
DIMENSIONS (CM)										Wa		Wb		Wc		Wd		BAR 'T'		BAR 'F'		10mm	10mm	MAX. STRESS		
H	A	B	C	D	E	F	G	R	SIZE	H	SP.	SIZE	H	SP.	SIZE	H	SP.	SIZE	SP.	SIZE	SP.	WRE. H	TEMP. SP.	PSI		
200	15	57	15	15	35		15	7	12	100	32	12	11%	32		12	32	12	27			30	30	1110		
300	21	408	15	21	46		20	10	16	100	34	16	200	48	18	295	48			16	12	16	16.5	200	30	1780
400	30	147	15	25	63	5	20	15	16	100	16	16	200	32	16	395	32			16	24	20	15.5	300	30	2320
500	39	156	15	25	75	14	25	20	20	150	15	20	300	30	30	495	30			20	30	20	10.5	500	27	2800
600	50	218	15	25	92	25	25	30	25	135	24	25	270	24	25	400	48	25	505	48	25	10.5	600	22	3560	

PREPARED BY: L. E. ROCELA PPU	DESIGNED BY: S. B. BAYOT/ L. E. ROCELA PPU	ENDORSED BY: R. B. CUBILLA DIR. PLANNING OFFICE	REC. APPROVAL: L. L. CERO VPPPD CVSU	APPROVED BY: C. A. POLINGA VPAESS CVSU	PROJECT TITLE/ LOCATION: IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVT. & LOCAL TOURISM (SALUYSOY RESORT) CVSU, MAIN CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO.: 6
-------------------------------------	---	---	--	--	--	---	---------------



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

ANIMAL SCIENCE BUILDING

TO NEW ACQUIRED LAND

TO UNIVERSITY

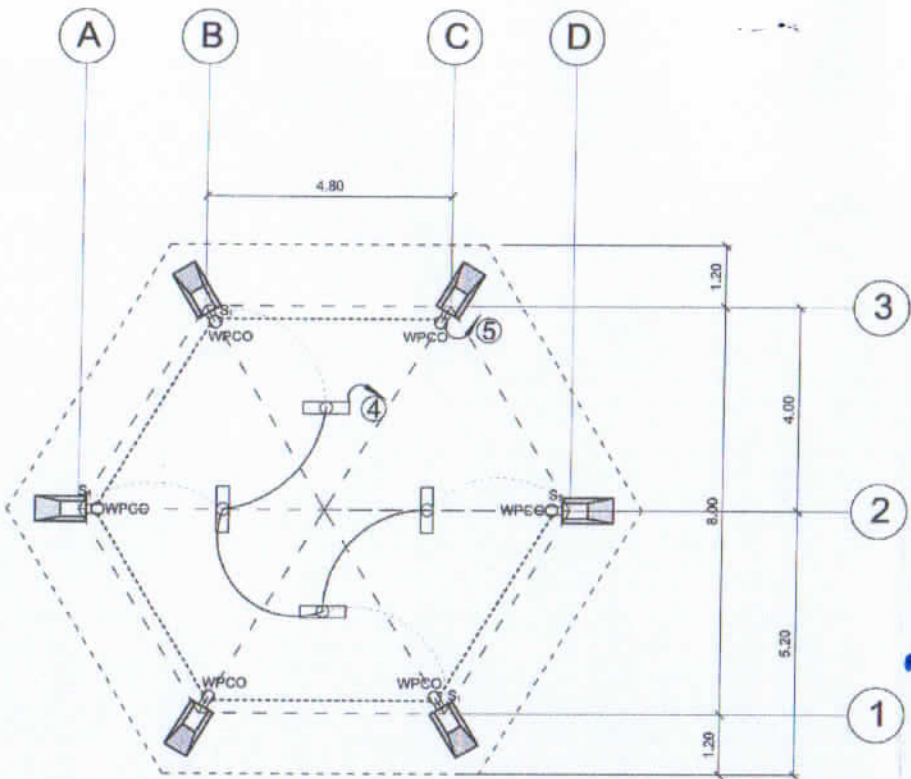
- CURBS & GUTTER
- G.I. GRABRAIL (50.30 m.)
- CONCRETE PATHWALK (W = 1.30 m. L = 160 l.m.)
- CONCRETE RETAINING WALL (57.60 m.)
- STAIRS TO RIVER (50.30 m.)

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

ELECTRICAL LAYOUT

ROLLE HALL COMPLEX

PREPARED BY:	DESIGNED BY:	ENDORSED BY:	REC. APPROVED:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:	
L. E. ROCELA RPU	R. P. PEÑA PPU	R. B. ZUBILLA DIR. PLANNING OFFICE	L. L. CERO VPPPD CVSU	C. A. POLINGA VPAAS 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		CABLE: 2 - 8.0 SQ. MM THHN + G 5.5 SQ MM THHN			MAIN: 50 AT, 50AF, 2P, 230V, 15 kAIC, MCCB					
PHASE: 1		CONDUIT: RSC, 25 MM DIA.			ENCLOSURE: NEMA 1					
VOLTS: 230					MOUNTING: SURFACE					
CKT. NO.	NO. OF OUTLETS	PANEL 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)		
2	9	LIGHTING OUTLET	900	230	3.81	20AT, 2P, 10 KAIC	2 - 3.5		15	1R, 1BK
2	11	LIGHTING OUTLET	1100	230	4.76	20AT, 2P, 10 KAIC	2 - 3.5		15	1R, 1BK
2	12	LIGHTING OUTLET	1200	230	5.22	20AT, 2P, 10 KAIC	2 - 3.5		15	1R, 1BK
4	4	LIGHTING OUTLET	400	230	1.74	20AT, 2P, 10 KAIC	2 - 3.5		15	1R, 1BK
5	5	CONVENIENCE OUTLET	1080	230	4.70	20AT, 2P, 10 KAIC	2 - 3.5 + G 2.0		15	1R, 1BK, G
6		SPARE								
7		SPARE								
8		SPARE								
TOTAL			4680	230	20.35	50AT, 2P, 15 KAIC	2 - 8.0 + G 5.5		25	1R, 1BK, G

FEEDER and CURRENT PROTECTION COMPUTATION:

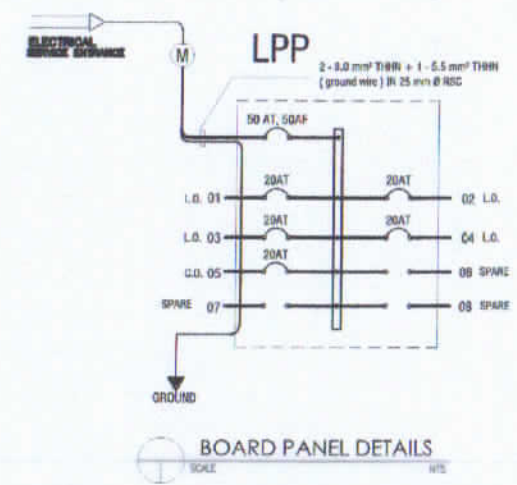
NOTE: $I_{sc} = \frac{[20.35 + 25\% \times 1m]}{DF} = 22.35 \text{ Amperes}$
 use: 2 - 8.0 SQMM THHN + 1 - 5.5 SQMM THHN IN 25 MM DIA. RSC

$I_{CB} = \frac{[20.35 + 250\% \times 1m]}{DF} = 40.35 \text{ Amperes}$
 use: 50AT, 50AF, 2P, 230V, 15KAIC, CB

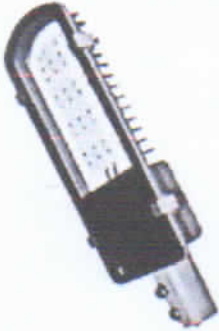
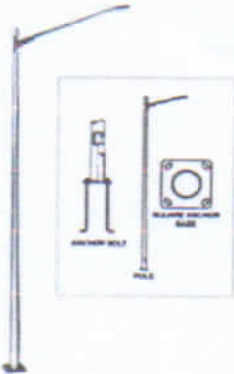
*This Electrical Design is good only for the above connected loads.
 Any additional electrical load connection in the future is prohibited.
 Except redesign of electrical load system will be done.*

SCHEDULE OF LOADS

SCALE N.T.S.



PREPARED BY: L. E. ROCELA PPU	DESIGNED BY: R. P. PEÑA PPU	ENDORSED BY: R. B. CUBILLA DIR. PLANNING OFFICE	REC. APPROVAL: L. L. CERO VPPPD CVSU	APPROVED BY: C. A. POLINGA VPASS 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	SHT NO: 8
---	---------------------------------------	---	--	---	---	--	---	--------------

ITEM	IMAGE
<p>LED Street Light Wattage: 30 Watts Color Temp: Day Light Warranty: One (1) year only.</p>	
<p>Lamp Post Single Arm Height: 15 ft. With Anchor Bolt</p>	

DETAILS OF LAMP POST