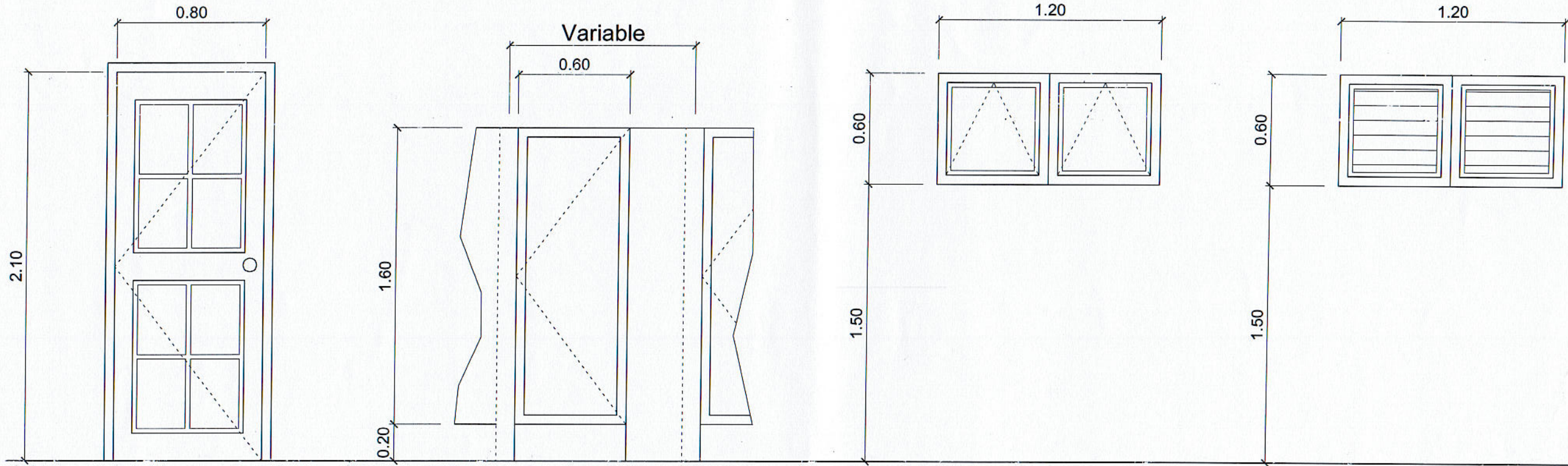


| | | | | | | | |
|---|--|---|--|---|---|--|------------------|
| PREPARED BY: <i>E. N. RODEROS JR.</i> PPJ | END USER: <i>A. L. R. MOJICA</i> DIRECTOR SPORTS | ENDORSED BY: <i>O. B. DELOS REYES</i> DIRECTOR PLANNING OFFICE <i>M. J. D. TEPORA</i> VPPD CVSU | REC. APPROVAL: <i>C. APOLINGA</i> VPASU CVSU | APPROVED BY: <i>H. D. ROBLES</i> PPFS | PROJECT TITLE/LOCATION: PROPOSED SHOWER ROOM AT SALUYSOY RESORT CVSU, MAIN CAMPUS | IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY | SHT NO: A - 1 |
|---|--|---|--|---|---|--|------------------|



D
1

0.80m. X 2.10m. STEEL DOOR
2 SETS

D
2

0.60 X 1.60 STAINLESS DOOR PANEL
AND STAINLESS PARTITION ON 2"X2"
STAINLESS FRAME
W/ COMPLETE ACCESSORIES
6 SETS

W
1

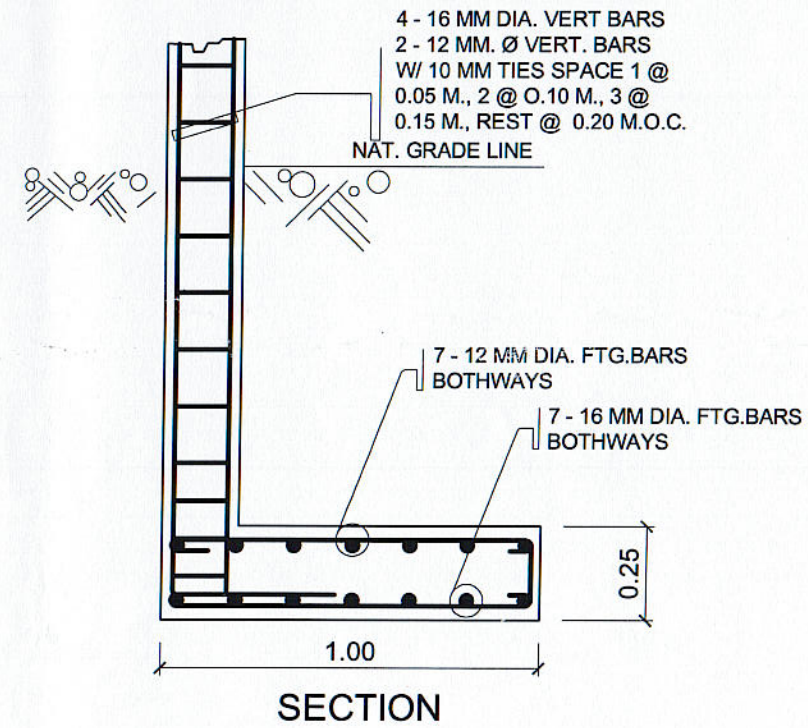
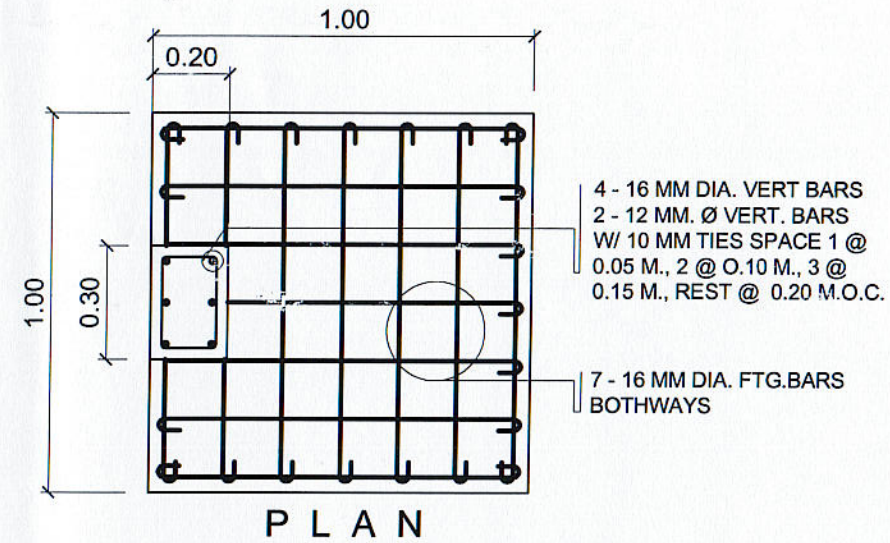
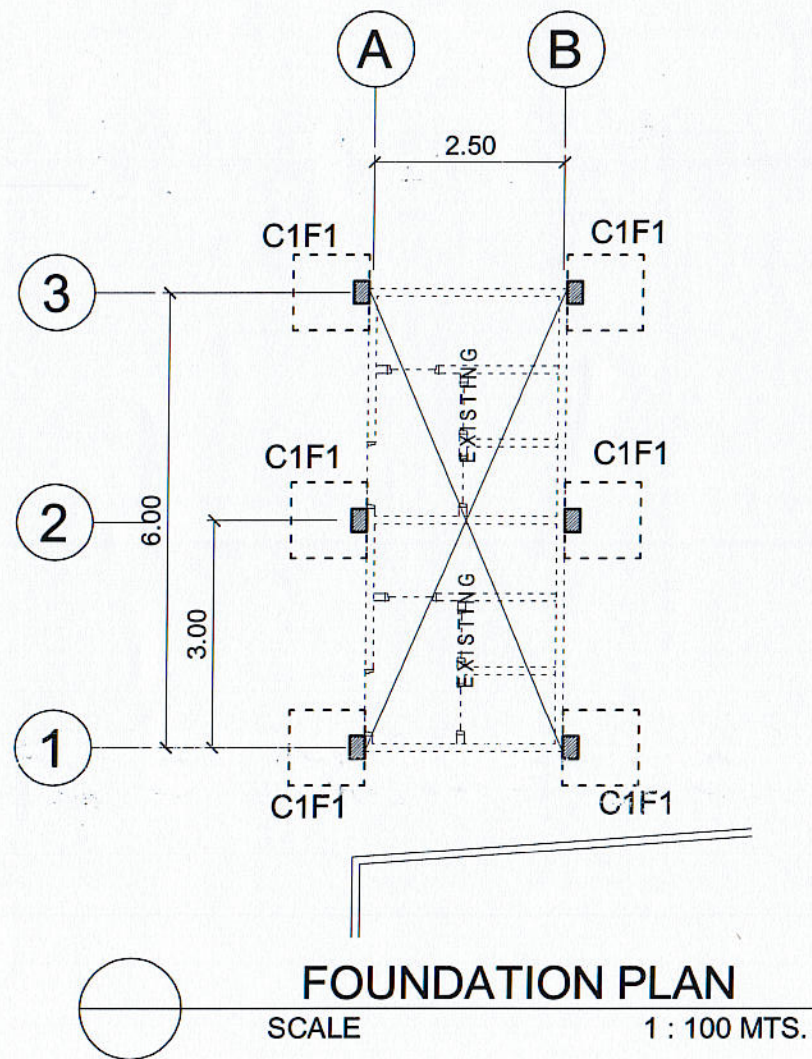
ALUMINUM AWNING WINDOW COMPLETE
W / ALL ACCESSORIES W / 1/4" THK COLORED GLASS
ON COLORED POWDER COATED FINISH
ALUMINUM FRAMING
2 SETS

W
2

ALUMINUM JALOUSIE WINDOW COMPLETE
W / ALL ACCESSORIES W / 1/4" THK COLORED GLASS
ON COLORED POWDER COATED FINISH
ALUMINUM FRAMING
2 SETS

SCHED. OF DOORS & WINDOWS
SCALE 1 : 25 MTS.

| | | | | | | | |
|--|---|--|---|--|--|--|------------------|
| PREPARED BY: <i>E. N. Roderos Jr.</i> E. N. RODEROS JR. PPU | END USER: <i>A. L. R. Mojica</i> A. L. R. MOJICA DIRECTOR SPORTS | ENDORSED BY: <i>O. B. De los Reyes</i> O. B. DELOS REYES DIRECTOR PLANNING OFFICE <i>M. J. D. Forina</i> M. J. D. FORINA VPPD CVSU | REC. APPROVAL: <i>C. A. Foringa</i> C. A. FORINGA VPASS CVSU | APPROVED BY: <i>H. D. Robles</i> H. D. ROBLES PRES CVSU | PROJECT TITLE/LOCATION: PROPOSED SHOWER ROOM AT SALJYSOY RESORT CVSU, MAIN CAMPUS | IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY | SHT NO: A - 2 |
|--|---|--|---|--|--|--|------------------|



PREPARED BY:
[Signature]
E. N. RODEROS JR.
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CIVIL ENGR :
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L. E. ROCEJA
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VPPD CVSU

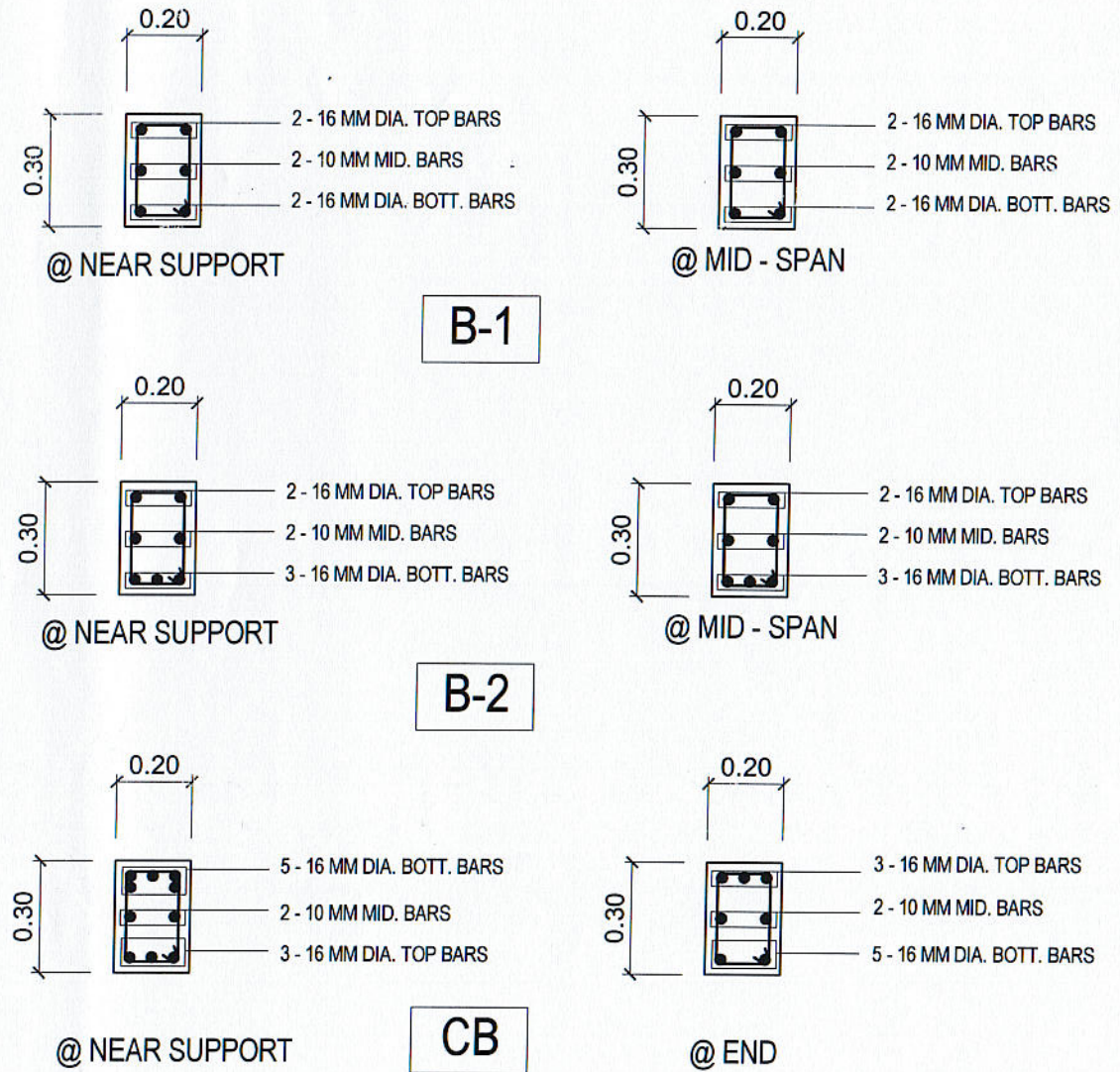
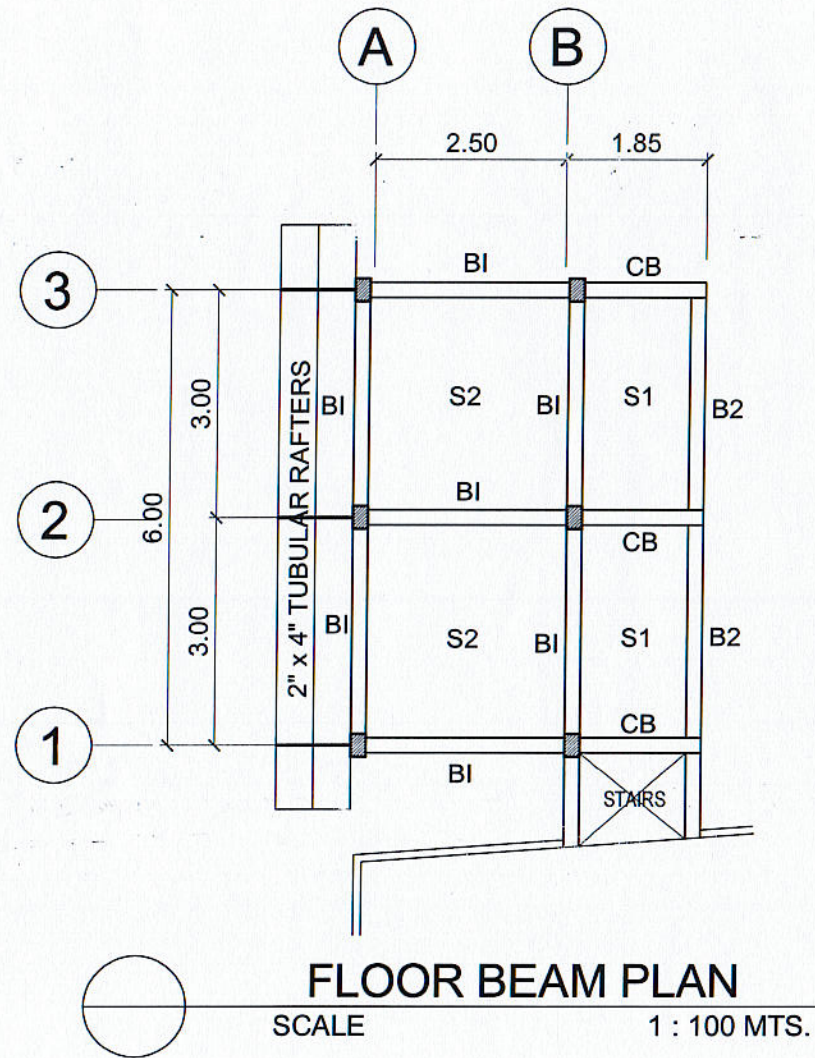
REC. APPROVAL:
[Signature]
C. A. ROLINGA
VPAGS CVSU

APPROVED BY:
[Signature]
H. D. ROBLES
PRES CVSU

PROJECT TITLE/LOCATION:
PROPOSED SHOWER ROOM AT SALUYSOY RESORT
CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY
CAVITE STATE UNIVERSITY

SHT NO:
S - 1



PREPARED BY:
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END USER:
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DIRECTOR SPORTS

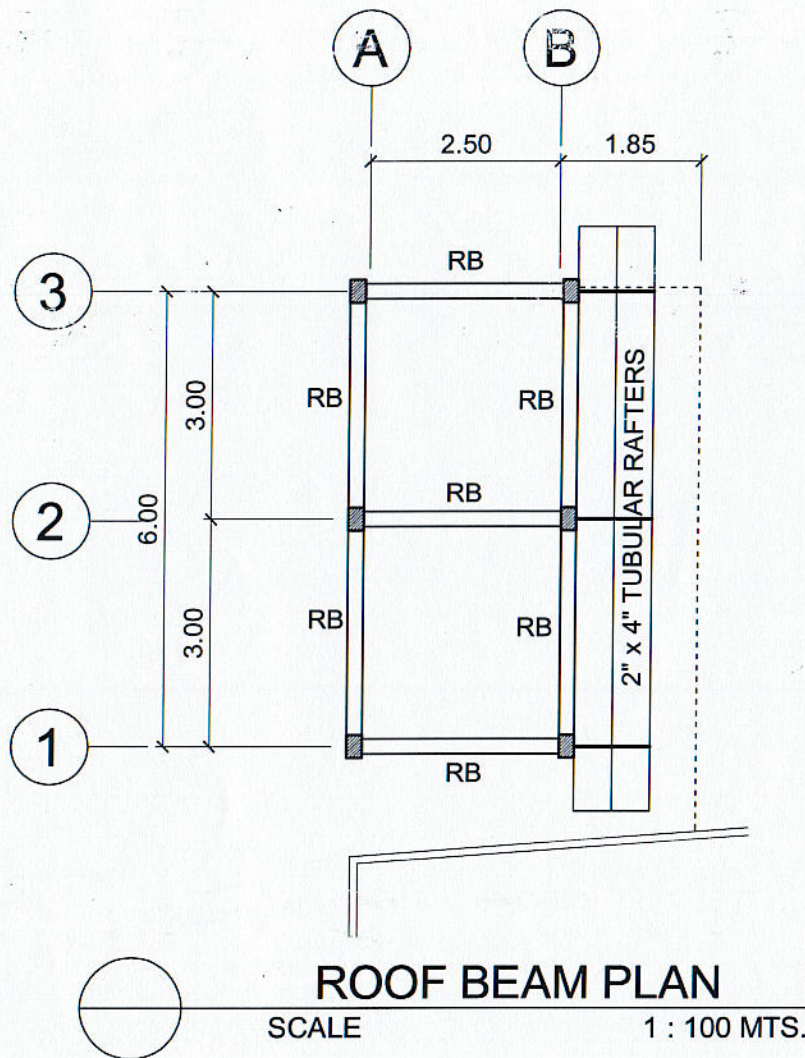
ENDORSED BY:
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O. B. DELOS REYES
DIRECTOR PLANNING OFFICE
M. J. D. TEJORA
VPPD CVSU

REC. APPROVAL:
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C. A. POLINGA
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H. D. ROBLES
PRES CVSU

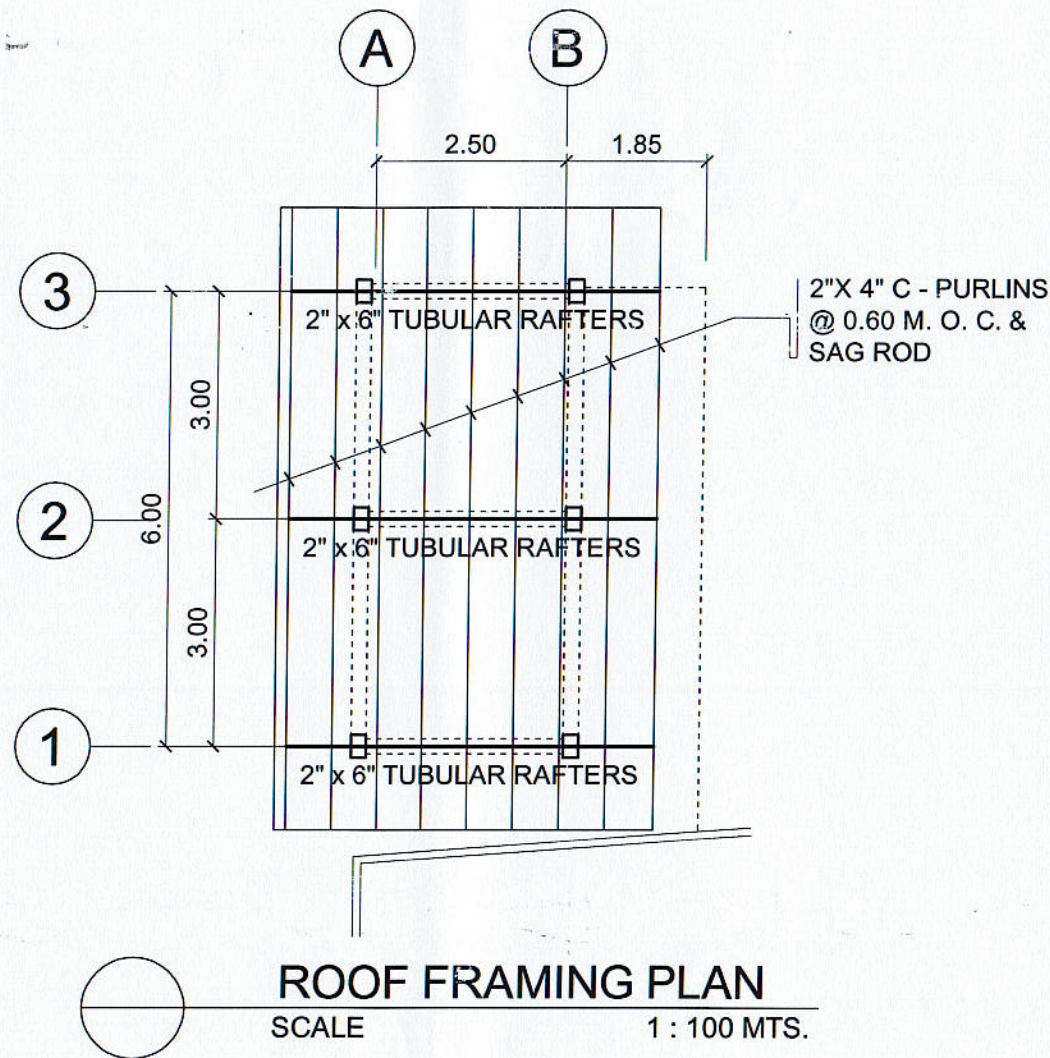
PROJECT TITLE/LOCATION:
PROPOSED SHOWER ROOM AT
SALUYSOY RESORT
CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY
CAVITE STATE UNIVERSITY
SHT NO:
S - 2



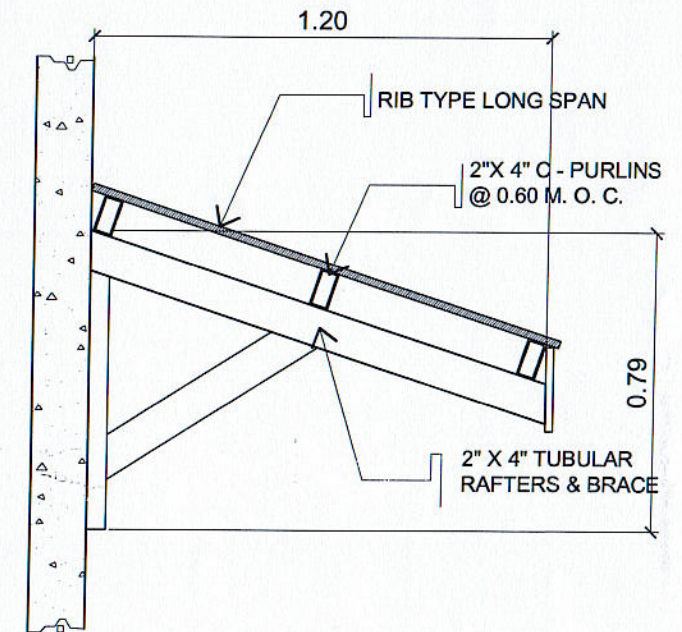
ROOF BEAM PLAN

SCALE 1 : 100 MTS.



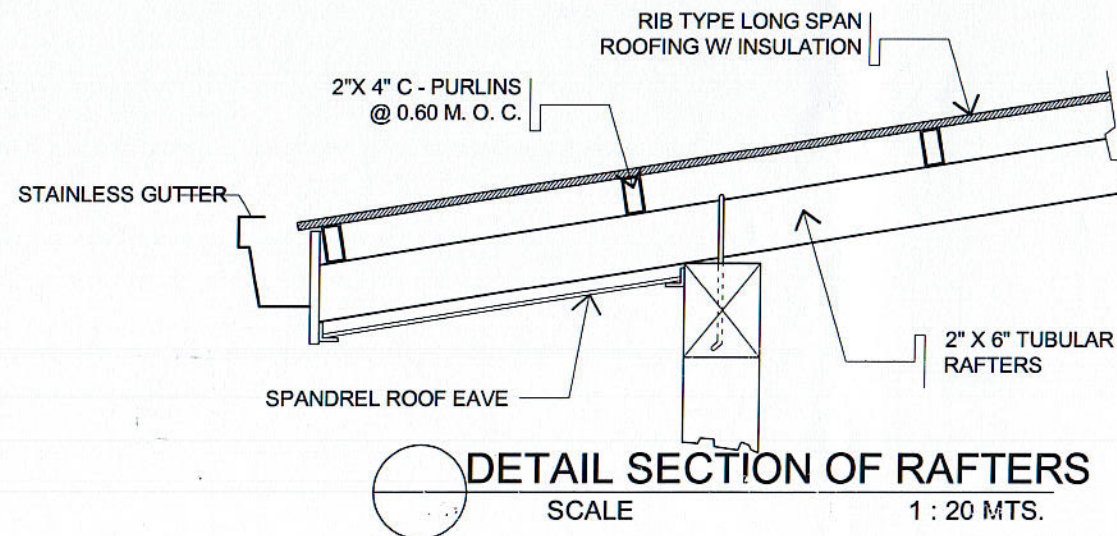
ROOF FRAMING PLAN

SCALE 1 : 100 MTS.



DETAIL SECTION OF RAFTERS

SCALE 1 : 20 MTS.



DETAIL SECTION OF RAFTERS

SCALE 1 : 20 MTS.

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

CIVIL ENGR:
L. E. Rocela
L. E. ROCELA
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END USER:
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A. L. R. MOJICA
DIRECTOR SPORTS

ENDORSED BY:
O. B. De los Reyes
O. B. DELOS REYES
DIRECTOR PLANNING OFFICE
M. D. Nepora
M. D. NEPORA
VPPD CVSU

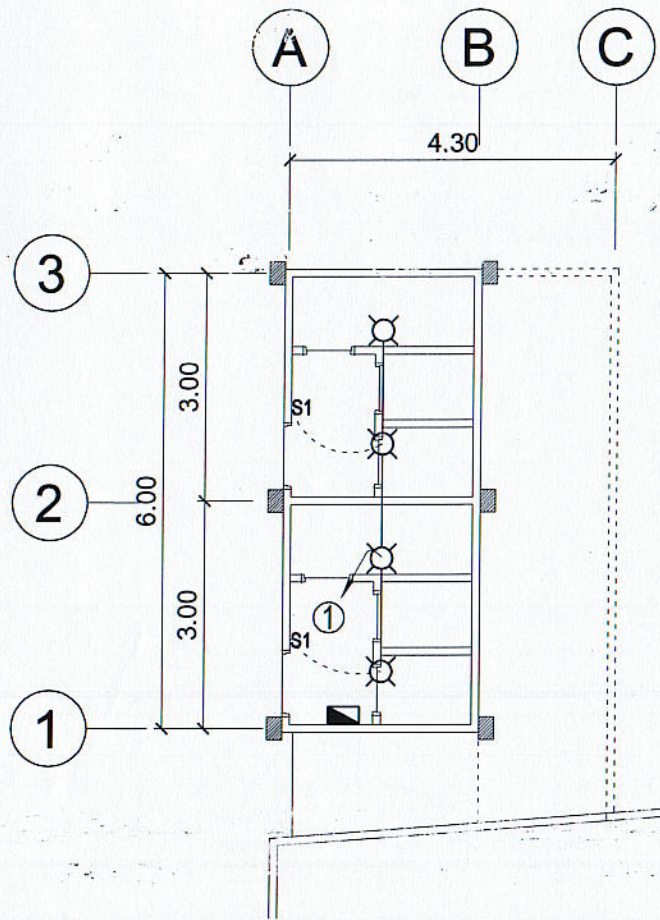
REC. APPROVAL:
C. A. Polinga
C. A. POLINGA
VPASST CVSU

APPROVED BY:
H. D. Robles
H. D. ROBLES
PPRS CVSU

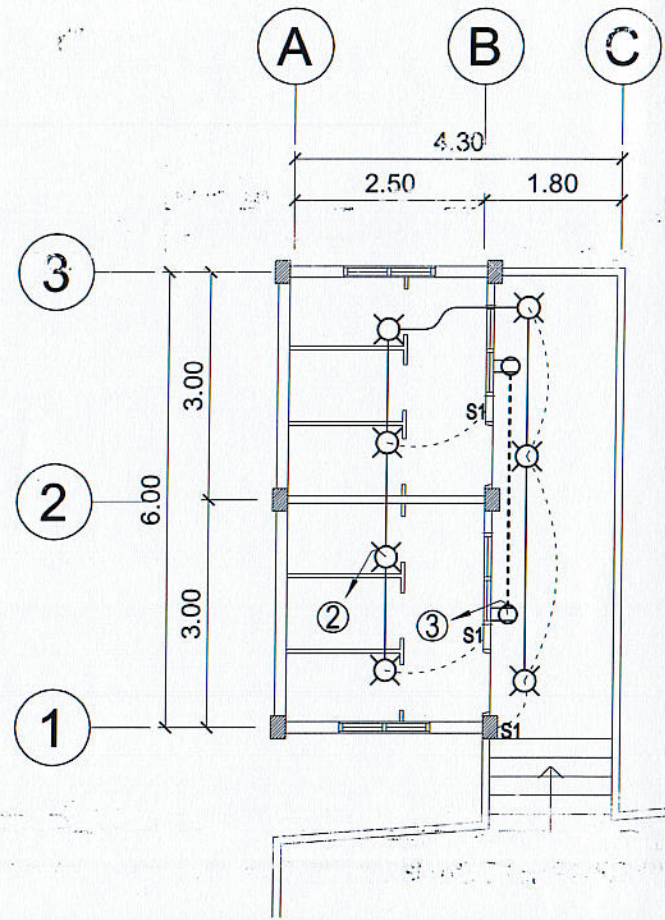
PROJECT TITLE/LOCATION:
PROPOSED SHOWER ROOM AT SALUYSOY RESORT
CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY
CAVITE STATE UNIVERSITY

SHT NO:
S - 3



GROUND FLOOR PLAN
SCALE 1 : 100 MTS.



SECOND FLOOR PLAN
SCALE 1 : 100 MTS.

SCHEDULE OF LOAD

| PANEL : MDP | | CABLE : 2 - 5.5 SQMM THW + 1 - 3.5 SQMM THW | | | MAIN : 30 AT, 50 AF, 2P, 230V, 20 KAIC, MCCB | | | | |
|-------------|------------------------------|---|----------------|------|--|---------------------------------|---------------------|---------|------------|
| PHASE : 1 | | CONDUIT : PVC, 20 MM DIA. | | | ENCLOSURE : NEMA 1 | | | | |
| VOLTS : 230 | | LOCATION : GROUND FLOOR | | | MOUNTING : SURFACE | | | | |
| C/T NO. | CIRCUIT DESCRIPTION | NUMBER OF OUTLET | LOAD IN RATING | | | CIRCUIT PROTECTION | Size of Conductor | | Color Code |
| | | | Volt-Amp | VOLT | AMPERES | | THHN | THW | |
| 1 | LIGHTING OUTLET (LED BULB) | 4 | 400 | 230 | 1.74 | 15 AT, 2P, 230V, 10 KAIC | 2 - 2.0 | PVC, 20 | 1R,1B,G |
| 2 | LIGHTING OUTLET (LED BULB) | 7 | 700 | 230 | 3.04 | 15 AT, 2P, 230V, 10 KAIC | 2 - 2.0 | PVC, 20 | 1R,1B,G |
| 3 | CONVENIENCE OUTLET | 2 | 400 | 230 | 1.74 | 20 AT, 2P, 230V, 10 KAIC | 2 - 3.5 + 1 - 2.0 G | PVC, 20 | 1R,1B,G |
| TOTAL | | | 1500 | 230 | 6.52 | 30 AT, 50 AF, 2P, 230V, 20 KAIC | 2 - 5.5 + 1 - 3.5 G | PVC, 20 | 1R,1B,G |

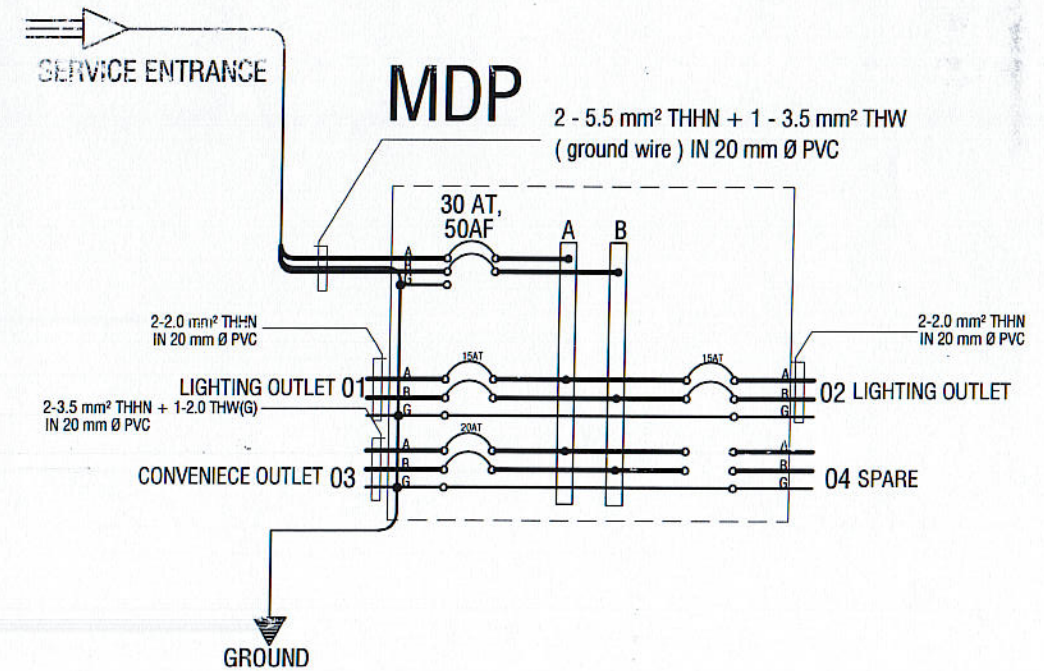
MAIN FEEDER and CURRENT PROTECTION COMPUTATION:

NOTE: $I_{FL} = (6.52 \times DF) = 5.216$ Amperes
 $I_{CB} = (6.52 \times DF) = 5.216$ Amperes

G - Means Ground Wire
 1R- Color RED
 1B- Color BLACK
 1G- Color GREEN

use: 2 - 5.5 SQMM THW + 1 - 3.5 SQMM THW IN 20 MM DIA. PVC
 use: 30 AT, 50 AF, 2P, 230V, 20 KAIC, MCCB

*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.*



BOAR PANEL DETAILS
SCALE NTS

PREPARED BY:
E. N. Roderos Jr.
E. N. RODEROS JR.
PPU OVPPD

PROF. ELECT. ENGR.:
R. P. Rena
R. P. RENA
PPU OVPPD

END USER:
A. L. R. Mojica
A. L. R. MOJICA
DIRECTOR SPOCS

ENDORSED BY:
O. B. De los Reyes
O. B. DE LOS REYES
DIRECTOR PLANNING OFFICE

REC. APPROVAL:
C. A. Bolinga
C. A. BOLINGA
VPAS CVSU

APPROVED BY:
H. D. Robles
H. D. ROBLES
PRES CVSU

PROJECT TITLE/ LOCATION:
PROPOSED SHOWER ROOM AT SALUYSOY RESORT
CVSU, MAIN CAMPUS







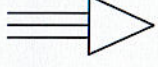



IMPLEMENTING AGENCY
CAVITE STATE UNIVERSITY

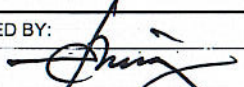
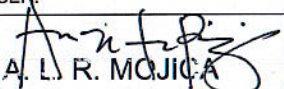
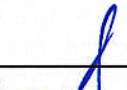


SHT NO:
E - 1

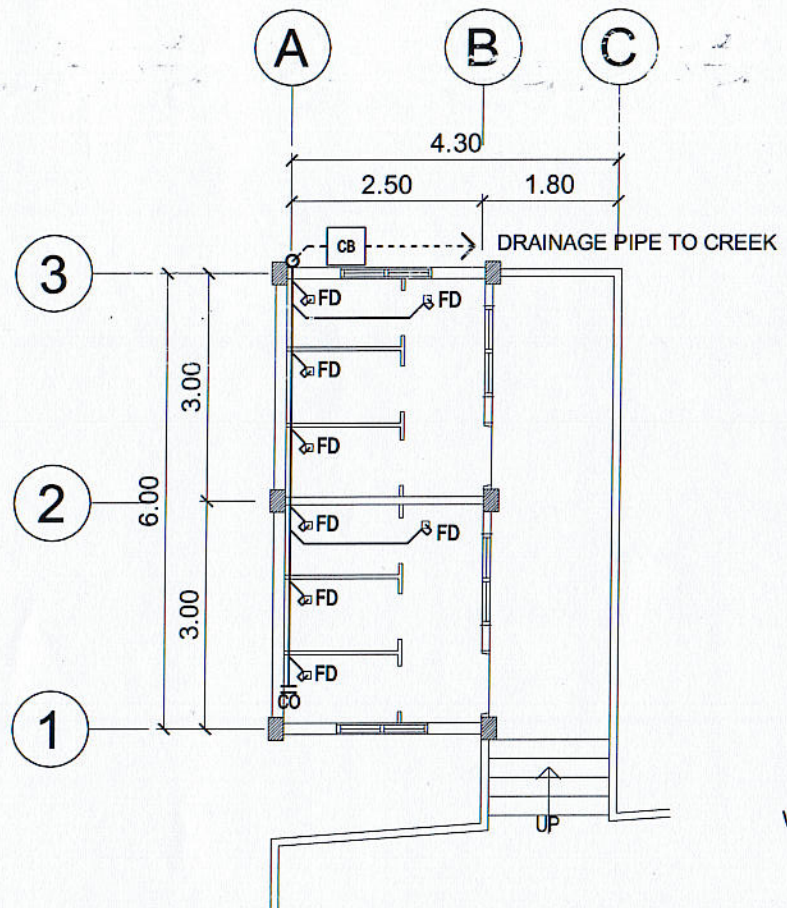
GENERAL NOTES :

1. ALL ELECTRICAL WORKS TO BE UNDERTAKEN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE PART 1 AND 2 AND THE RULES AND REGULATIONS OF LOCAL ENFORCING UTILITY POWER AND TELEPHONE COMPANY.
2. ALL MATERIALS AND EQUIPMENT TO BE USED SHALL BE NEW AND APPROVED TYPE FOR BOTH LOCATION AND PURPOSES.
3. THE ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN AUTHORIZED FOR EACH GRADE.
4. WIRING METHOD SHALL BE PVC FOR ALL BRANCH CIRCUITS AND RSC FOR SERVICE ENTRANCE.
5. PROPER GROUNDING OR ELECTRICAL EQUIPMENT SHALL BE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE.
6. FIELD VERIFICATION SHALL BE DONE BY THE CONTRACTOR ANY DISCREPANCIES OR CHANGES SHALL BE PROMPTLY NOTIFIED TO THE OWNER'S REPRESENTATIVE OR DESIGNER.
7. REFER TO SHEETS E-1 FOR EXACT NUMBER AND LOCATION OF DEVICES/EQUIPMENT FOR ELECTRICAL SYSTEM. ANY CONFLICT ON QUANTITY AND/OR LAYOUT MUST BE VERIFIED AND CONFIRMED TO CONSULTANT.
8. ALL ELECTRICAL CONDUITS AND TELEPHONE SERVICE ENTRANCE THAT INSTALLED BELOW THE GROUND SHALL BE IN CONCRETE ENCASEMENT.
9. REFER TO LOAD SCHEDULE FOR THE RATING OF INDIVIDUAL ENCL, ACB'S IN NEMA-3R.
10. ANY DEVICES OR EQUIPMENT NOT REFLECTED OR SHOWN ON PLANS BUT REQUIRED TO COMPLETE THE SYSTEM MUST BE INCLUDED ON SCOPE OF WORK.
11. REQUEST FOR TEMPORARY POWER INTERRUPTION SHOULD BE COORDINATED TO OWNER'S REPRESENTATIVE OR DESIGNER.

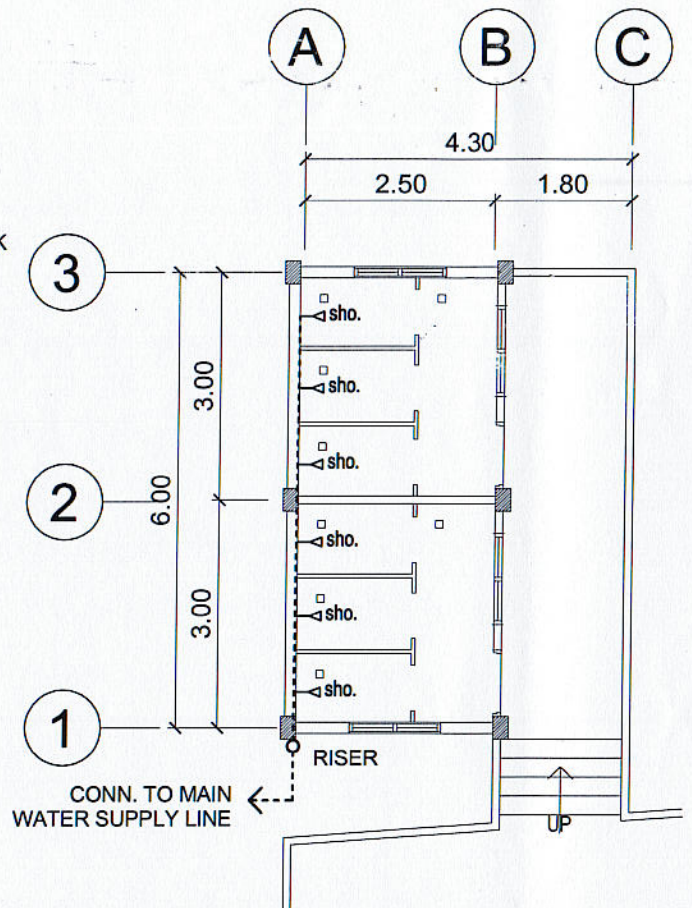
LEGEND AND SYMBOLS :

| | |
|---|-----------------------------|
|  | 9W LED BULB |
|  | ONE GANG SWITCH |
|  | TWO GANG CONVENIENCE OUTLET |
|  | CIRCUIT HOMERUN |
|  | CIRCUIT NUMBER |
|  | PANEL BOARD |
|  | SERVICE ENTRANCE |
|  | 3.5 mm ² THHN |
|  | 2.0 mm ² THHN |
|  | GROUNDING |

| | | | | | | | | | | | | | |
|---|--|--|--|---|--|---|--|---|--|--|--|--|------------------|
| PREPARED BY:  E. N. RODEROS JR. PPU | | END USER:  A. L. R. MOJICA DIRECTOR SPORTS | | ENDORSED BY:  O. B. DELOS REYES DIRECTOR PLANNING OFFICE | | REC. APPROVAL:  C. A. POLINGA VPASS | | APPROVED BY:  H. D. ROBLES PRES | | PROJECT TITLE/LOCATION: PROPOSED SHOWER ROOM AT SALUYSOY RESORT CVSU, MAIN CAMPUS | | IMPLEMENTING AGENCY CAVITE STATE UNIVERSITY | SHT NO: E - 2 |
|---|--|--|--|---|--|---|--|---|--|--|--|--|------------------|



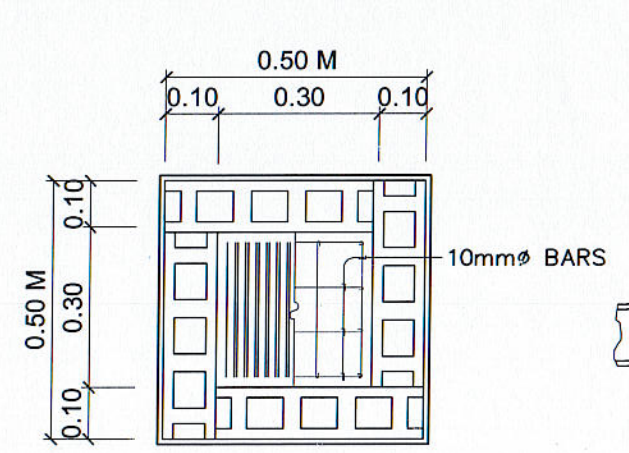
2ND FLOOR DRAINAGE LAYOUT
SCALE 1 : 100 MTS.



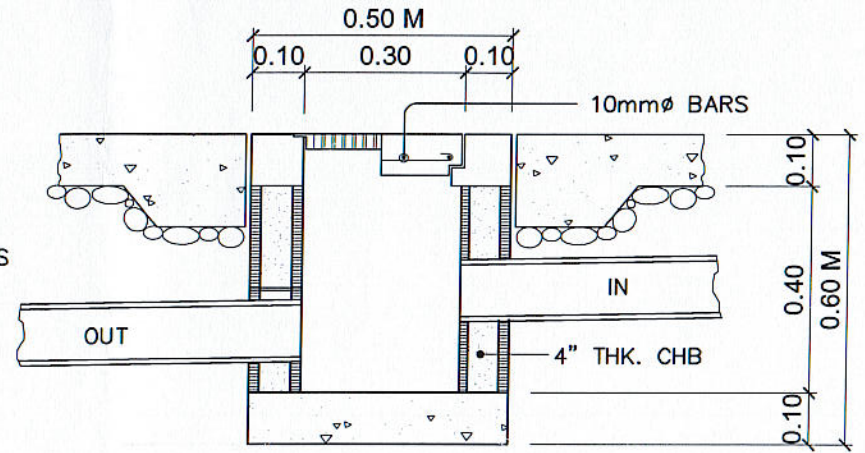
2ND FLOOR WATER LINE LAYOUT
SCALE 1 : 100 MTS.

GENERAL NOTES

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 DICREPNACY 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. APPROVED EQUAL.
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 WITH THE MANUFACTURER'S 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.



PLAN



SECTION

DETAIL SECTION OF CATCH BASIN
SCALE NTS.

PREPARED BY:
[Signature]
E. N. RODEROS JR.
PPU OVPPD

REG. MASTER PLUMBER:
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S. B. BAYOT JR.
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O. B. DELOS REYES
DIRECTOR PLANNING OFFICE
M. J. D. UEPORA
VPPD CVSU

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C. A. POLINGA
VPASS CVSU

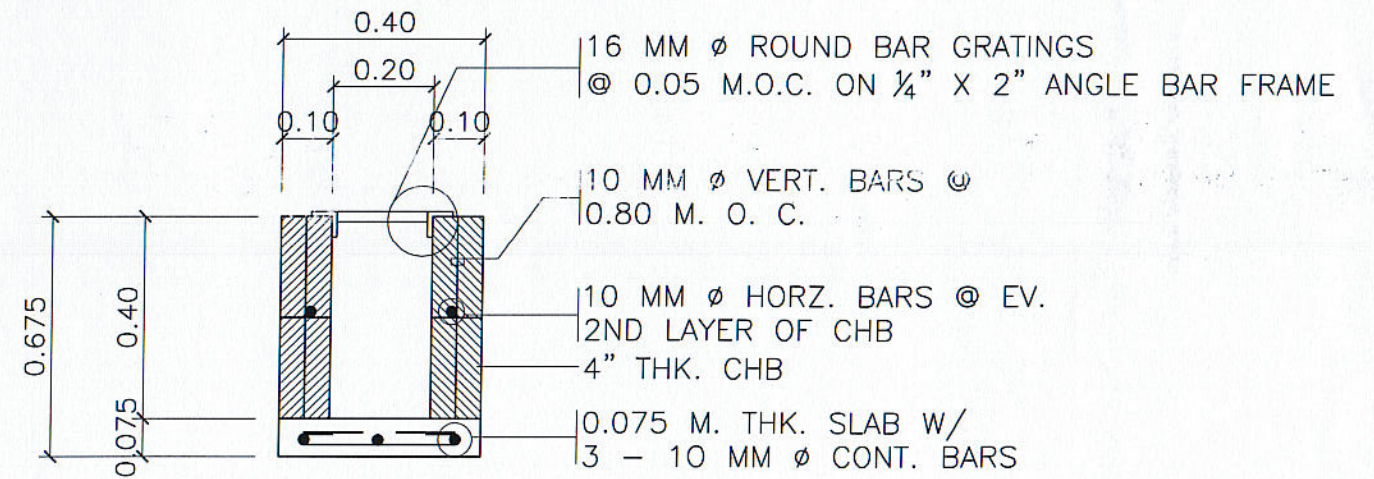
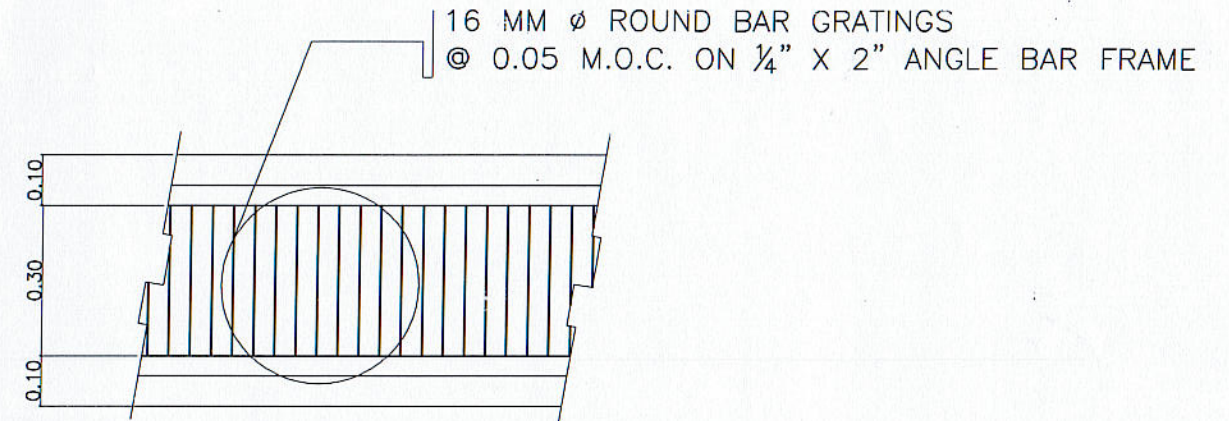
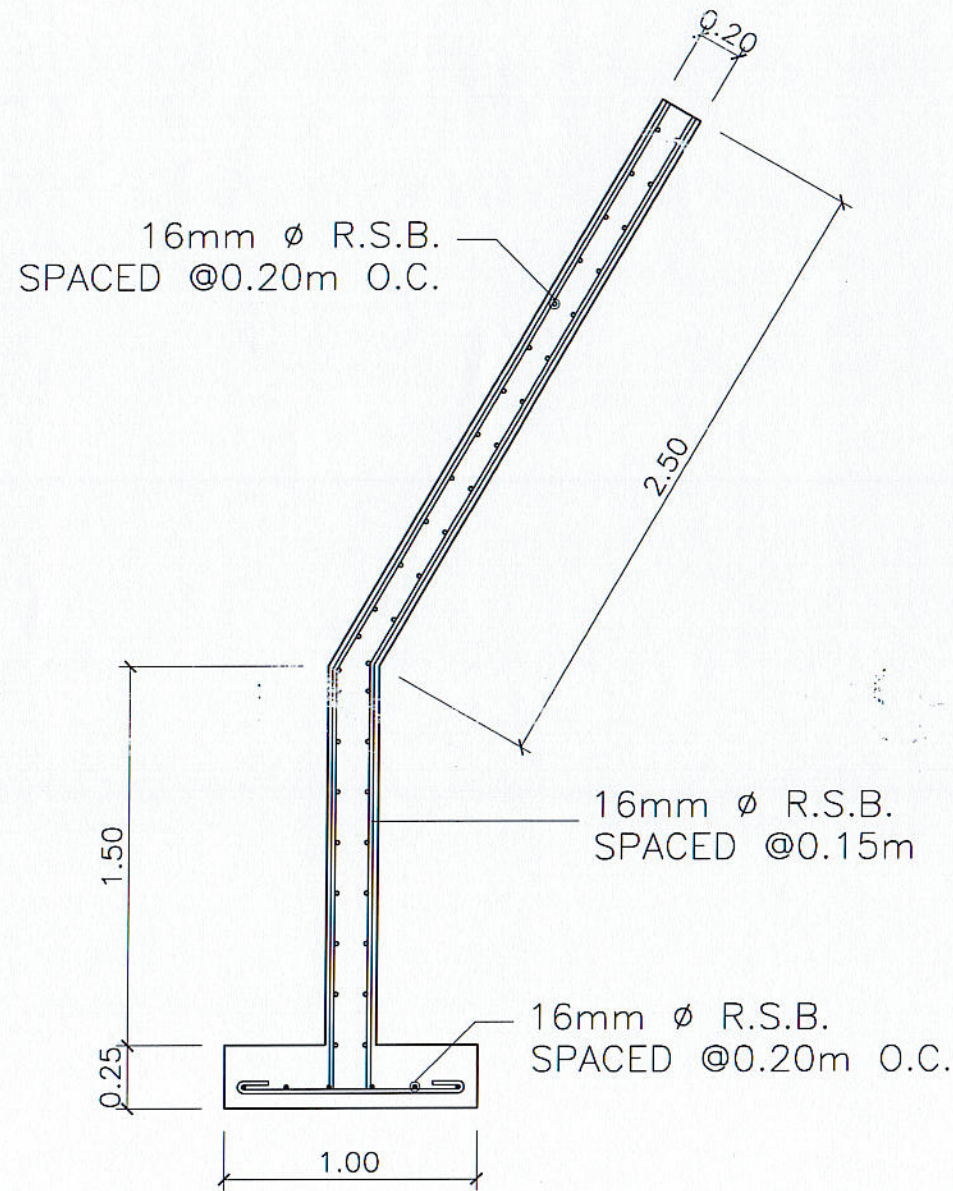
APPROVED BY:
[Signature]
H. D. ROBLES
PRES CVSU

PROJECT TITLE/LOCATION:
PROPOSED SHOWER ROOM AT SALUYSOY RESORT
CVSU, MAIN CAMPUS

IMPLEMENTING AGENCY
CAVITE STATE UNIVERSITY

SHT NO:
P-1

NOTE: TOTAL LENGTH OF RETAINING WALL: 26 MTS.
 TOTAL LENGTH OF DRAINAGE CANAL
 W/ STEEL GRATINGS: 20 MTS.



DETAILS OF DRAINAGE CANAL
 SCALE 1 :15 MTS.

DETAILS OF RETAINING WALL
 SCALE 1 :30 MTS.

| PREPARED BY: | END USER: | ENDORSED BY: | REC. APPROVAL: | APPROVED BY: | PROJECT TITLE/ LOCATION: | IMPLEMENTING AGENCY: | SHT NO: |
|---------------------------|------------------------------------|---|------------------------------|-----------------------------|---------------------------|--|-------------------------------|
| J. D. ESCAÑO PPU OVPPD | A. L. R. MOJICA DIRECTOR SPORTS | O. B. DELOS REYES DIRECTOR PLANNING OFFICE | M. J. D. TEPORA OIC OVPPD | C. A. POLINGA VPASS CVSU | H. D. ROBLES PRES CVSU | CONSTRUCTION OF RETAINING WALL @ SALUISOY RESORT CAVITE STATE UNIVERSITY MAIN CAMPUS | CAVITE STATE UNIVERSITY S - 1 |