



# PhilGEPS

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Central Portal for  
Philippine Government  
Procurement Opportunities

## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 11935516  
**Procuring Entity** CARLOS HILADO MEMORIAL STATE UNIVERSITY  
**Title** Conversion of Biology Laboratory into All Gender Restroom at Binalbagan Campus  
**Area of Delivery** Negros Occidental

<b>Solicitation Number:</b>	CHMSU 25-009-0331-I	<b>Status</b>	Pending
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	13
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Civil Works	<b>Document Request List</b>	0
<b>Category:</b>	Construction Projects	<b>Date Published</b>	01/04/2025
<b>Approved Budget for the Contract:</b>	PHP 1,800,000.00	<b>Last Updated / Time</b>	31/03/2025 15:46 PM
<b>Delivery Period:</b>	60 Day/s	<b>Closing Date / Time</b>	22/04/2025 12:30 PM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Rowena De la Vida Prado Administrative Assistant II Mabini Street Talisay City Negros Occidental Philippines 6115 63-34-7120005 Ext.142 63-939-9296624 bac.sec@chmsu.edu.ph		

#### Description

CARLOS HILADO MEMORIAL STATE UNIVERSITY  
BIDS AND AWARDS COMMITTEE  
TALISAY CITY, NEGROS OCCIDENTAL

INVITATION TO BID  
FOR THE CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM AT BINALBAGAN CAMPUS  
CHMSU 25-009-0331-I

1. The Carlos Hilado Memorial State University, through the Corporate Budget for the Contract of 2025 approved by the governing Board (MDS/GAA), intends to apply the sum of ONE MILLION EIGHT HUNDRED THOUSAND PESOS & 00/100 (Php 1,800,000.00) ONLY being the Approved Budget for the Contract (ABC) to payments under the contract for the FOR THE CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM AT BINALBAGAN CAMPUS. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The Carlos Hilado Memorial State University now invites bids for the above Procurement Project. Completion of the Works is required within Sixty (60) calendar days after receipt of Notice to Proceed. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using the non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from CARLOS HILADO MEMORIAL STATE UNIVERSITY and inspect the Bidding Documents at the address given below from 8:00 A.M. to 5:00 P.M.
5. A complete set of Bidding Documents may be acquired by interested bidders on April 1 - 22, 2025 (12:30P.M.) from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant

to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (Php 5,000.00) Only. The Procuring Entity shall allow the bidder to present its proof of payment for the fees.

6. The CHMSU will hold a Pre-Bid conference on 1:00 P.M., April 8, 2025 at Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and or through video conferencing or webcasting via Zoom Meeting with ID No. 797 389 7583, Meeting Password 040825, which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address as indicated below, (ii) online or electronic submission as indicated below, or (iii) both on or before 12:30 P.M., April 22, 2025. Late bids shall not be accepted.

Bids may be submitted through electronic mail to bac.sec@chmsu.edu.ph provided that the bidding documents are compressed into two (2) separate archived folders (zip or rar format) and which each folder shall be labelled as "First Envelope\_Name of Company\_Project Reference Number" and "Second Envelope\_Name of Company\_Project Reference Number" and each is uniquely password-protected;

Bidders must submit the printed copies (Original, Copy 1 and Copy 2) of their bidding documents within 3 calendar days from bid opening.

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 16.

9. Bid opening shall be on 1:00 P.M., April 22, 2025 at the Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and/or through Zoom Meeting ID No. 797 389 7583, Meeting Password 042225. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. The Carlos Hilado Memorial State University reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

MISS LIGAYA E. FUENTES  
Head, BAC Secretariat  
Carlos Hilado Memorial State University  
Bidding Room, 2/F Supply and Property Management Bldg.  
Brgy. Zone 1, Mabini St.,  
Talisay City, Negros Occidental  
Email Add.: bac.sec@chmsu.edu.ph  
Telephone Nos.: (034) 454-0529; 454-0584 local 142  
Mobile No.: 0939-9296624  
Website: chmsu.edu.ph

12. You may visit the following websites:

For downloading of Bidding Documents: chmsu.edu.ph

For online bid submission: bac.sec@chmsu.edu.ph

ANDREW EUSEBIO S. TAN, Ph.D.  
BAC Chairperson

#### Line Items

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	ONE (1) LOT	Conversion of Biology Laboratory into All Gender Restroom at Binalbagan Campus	1	Lot	1,800,000.00

#### Pre-bid Conference

Date	Time	Venue
08/04/2025	1:00:00 AM	Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and or through video conferencing or webcasting via Zoom Meeting with ID No. 797 389 7583, Meeting Password 040825

Created by Rowena De la Vida Prado

Date Created 31/03/2025

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# Carlos Hilado Memorial State University

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CARLOS HILADO MEMORIAL STATE UNIVERSITY  
RECORDS MANAGEMENT OFFICE

RECEIVED

003270

DATE: MAR 31 2025

TIME: 1:00 PM

## Bids and Awards Committee

### INVITATION TO BID FOR THE CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM AT BINALBAGAN CAMPUS CHMSU 25-009-0331-I



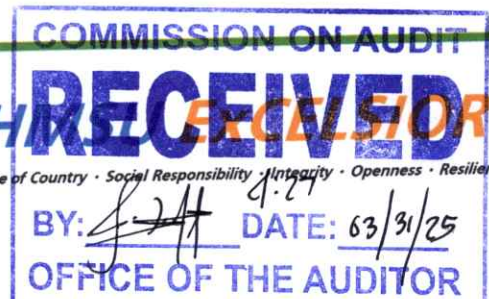
1. The Carlos Hilado Memorial State University, through the Corporate Budget for the Contract of 2025 approved by the governing Board (MDS/GAA), intends to apply the sum of **ONE MILLION EIGHT HUNDRED THOUSAND PESOS & 00/100 (Php 1,800,000.00) ONLY** being the Approved Budget for the Contract (ABC) to payments under the contract for the **FOR THE CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM AT BINALBAGAN CAMPUS**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The Carlos Hilado Memorial State University now invites bids for the above Procurement Project. Completion of the Works is required within **Sixty (60) calendar days after receipt of Notice to Proceed**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using the non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from CARLOS HILADO MEMORIAL STATE UNIVERSITY and inspect the Bidding Documents at the address given below from 8:00 A.M. to 5:00 P.M.
5. A complete set of Bidding Documents may be acquired by interested bidders on **April 1 - 22, 2025 (12:30P.M.)** from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos (Php 5,000.00)** Only. The Procuring Entity shall allow the bidder to present its proof of payment for the fees.
6. The CHMSU will hold a **Pre-Bid conference on 1:00 P.M., April 8, 2025 at Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental** and or through video conferencing or webcasting via **Zoom Meeting with ID No. 797 389 7583, Meeting Password 040825**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address as indicated below, (ii) online or electronic submission as indicated below, or (iii) both on or before **12:30 P.M., April 22, 2025**. Late bids shall not be accepted.  
  
Bids may be submitted through electronic mail to [bac.sec@chmsu.edu.ph](mailto:bac.sec@chmsu.edu.ph) provided that the bidding documents are compressed into two (2) separate archived folders (zip or rar format) and which each folder shall be labelled as "First Envelope\_Name of Company\_Project Reference Number" and "Second Envelope\_Name of Company\_Project Reference Number" and each is uniquely password-protected;  
  
Bidders must submit the printed copies (Original, Copy 1 and Copy 2) of their bidding documents within 3 calendar days from bid opening.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 16.
9. Bid opening shall be on **1:00 P.M., April 22, 2025 at the Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental** and/or through **Zoom Meeting ID No. 797 389 7583, Meeting Password 042225**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.



✉ bac.sec@chmsc.edu.ph  
☎ (034) 712 0005 local 142  
🌐 chmsc.edu.ph

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BY: [Signature] DATE: 6/3/25  
OFFICE OF THE AUDITOR





# Carlos Hilado Memorial State University

Alijis Campus • Binalbagan Campus • Fortune Towne Campus • Talisay (Main) Campus


*A leading GREEN institution of higher learning in the global community by 2030*

## Bids and Awards Committee

10. The Carlos Hilado Memorial State University reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:  
MISS LIGAYA E. FUENTES  
Head, BAC Secretariat  
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Bidding Room, 2/F Supply and Property Management Bldg.  
Brgy. Zone 1, Mabini St.,  
Talisay City, Negros Occidental  
Email Add.: [bac.sec@chmsu.edu.ph](mailto:bac.sec@chmsu.edu.ph)  
Telephone Nos.: (034) 454-0529; 454-0584 local 142  
Mobile No.: 0939-9296624  
Website: [chmsu.edu.ph](http://chmsu.edu.ph)
12. You may visit the following websites:  
For downloading of Bidding Documents: [chmsu.edu.ph](http://chmsu.edu.ph)  
For online bid submission: [bac.sec@chmsu.edu.ph](mailto:bac.sec@chmsu.edu.ph)

  
**ANDREW EUSEBIO S. TAN, Ph.D.**  
BAC Chairperson



 [bac.sec@chmsc.edu.ph](mailto:bac.sec@chmsc.edu.ph)  
 (034) 712 0005 local 142  
 [chmsc.edu.ph](http://chmsc.edu.ph)

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## ***Section II. Instructions to Bidders***

### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

## 1. Scope of Bid

The Procuring Entity, **CARLOS HILADO MEMORIAL STATE UNIVERSITY** invites Bids for the **CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM AT BINALBAGAN CAMPUS**, with Project Identification Number **CHMSU 25-009-0331-I**.

The Procurement Project (referred to herein as "Project") is for the construction of Works, as described in Section VI (Specifications).

## 2. Funding Information

2.1. The GOP through the source of funding as indicated below for 2025 in the amount of **ONE MILLION EIGHT HUNDRED THOUSAND PESOS & 00/100 (PHP 1,800,000.00)**.

2.2. The source of funding is:

a. NGA, the National Expenditure Program.

## 3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

## 4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and



obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

## **5. Eligible Bidders**

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

## **6. Origin of Associated Goods**

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

## **7. Subcontracts**

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that:

- a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed fifty percent (50%) of the contracted Works.
- 7.1. The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterial stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.2. The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary

requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in ITB Clause 5 to the implementing or end-user unit.

- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

## **8. Pre-Bid Conference**

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address **Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental** or through Zoom Meeting ID No. 797 389 7583 Meeting Password 040825 as indicated in paragraph 6 of the IB.

### **1. Clarification and Amendment of Bidding Documents**

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the IB, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

### **2. Documents Comprising the Bid: Eligibility and Technical Components**

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the BDS.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their

complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the BDS.

- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the BDS.

### **3. Documents Comprising the Bid: Financial Component**

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

### **4. Alternative Bids**

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

### **5. Bid Prices**

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

### **6. Bid and Payment Currencies**

- 14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 14.2. *Payment of the contract price shall be made in:*

- a. Philippine Pesos.



## **7. Bid Security**

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until **August 20, 2025 (120 calendar days upon the date of bid opening)**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## **8. Sealing and Marking of Bids**

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## **9. Deadline for Submission of Bids**

The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

## **10. Opening and Preliminary Examination of Bids**

- 18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 18.2. The preliminary examination of Bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## **11. Detailed Evaluation and Comparison of Bids**

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by ITB Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

## **12. Post Qualification**

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

## **13. Signing of the Contract**

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BD**

## ***Section III. Bid Data Sheet***

### **Notes on the Bid Data Sheet (BDS)**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.



# Bid Data Sheet

ITB Clause																					
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: 1. Structural & Masonry Works 2. Architectural Works 3. Electrical Works 4. Sanitary/Plumbing Works																				
7.1	Subcontracting is <b>not allowed</b>																				
10.3	Minimum PCAB Registration/ PCAB License  <b>C&amp;D - Small B (up to 30 million)</b>																				
10.4	The key personnel must meet the required minimum years of experience set below: <table><tr><th>Key Personnel</th><th>General Experience</th><th>Relevant Experience(years)</th></tr><tr><td>Daily required site personnel</td><td></td><td></td></tr><tr><td>1. Project Engineer</td><td>Registered Civil Engineer</td><td>3</td></tr><tr><td>2. Foreman</td><td>High School Graduate</td><td>3</td></tr><tr><td>3. Construction Safety and Health Personnel</td><td>With HSE/COSH Training</td><td>3</td></tr><tr><td>4. Materials Engineer</td><td>Registered Materials Engineer</td><td>2</td></tr></table>			Key Personnel	General Experience	Relevant Experience(years)	Daily required site personnel			1. Project Engineer	Registered Civil Engineer	3	2. Foreman	High School Graduate	3	3. Construction Safety and Health Personnel	With HSE/COSH Training	3	4. Materials Engineer	Registered Materials Engineer	2
Key Personnel	General Experience	Relevant Experience(years)																			
Daily required site personnel																					
1. Project Engineer	Registered Civil Engineer	3																			
2. Foreman	High School Graduate	3																			
3. Construction Safety and Health Personnel	With HSE/COSH Training	3																			
4. Materials Engineer	Registered Materials Engineer	2																			
10.5	The minimum major equipment requirements are the following: <table><tr><th>Equipment</th><th>Number of Units</th></tr><tr><td>Service Vehicle</td><td>1</td></tr><tr><td>Walk behind</td><td>1</td></tr><tr><td>Hand Drill</td><td>2</td></tr><tr><td>Grinder</td><td>2</td></tr><tr><td>Welding Machine</td><td>2</td></tr><tr><td>Chipping Gun</td><td>1</td></tr></table>			Equipment	Number of Units	Service Vehicle	1	Walk behind	1	Hand Drill	2	Grinder	2	Welding Machine	2	Chipping Gun	1				
Equipment	Number of Units																				
Service Vehicle	1																				
Walk behind	1																				
Hand Drill	2																				
Grinder	2																				
Welding Machine	2																				
Chipping Gun	1																				
12	<b>The Approved Budget for the Contract (ABC) is ONE MILLION EIGHT HUNDRED THOUSAND PESOS &amp; 00/100 (PhP 1,800,000.00) ONLY.</b>  Any bid with a financial component exceeding this amount shall not be accepted.																				
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:																				

	<p>a. The amount of not less than <b>PhP 36,000.00 (2% of ABC)</b>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p>b. The amount of not less than <b>PhP 90,000.00 (5% of ABC)</b> if bid security is in Surety Bond.</p>
19.2	Partial bids are not allowed.
20	No further Instructions.
21	<p>Additional contract documents relevant to the Project:</p> <ol style="list-style-type: none"> <li>1) Construction Schedule/GANTT Chart (MS Project Format) &amp; S-curve</li> <li>2) Manpower Schedule</li> <li>3) Construction Methods</li> <li>4) Equipment Utilization Schedule</li> <li>5) Construction Safety and Health Program (approved by the DOLE)</li> <li>6) PERT/CPM</li> <li>7) Statement of Cash Flow &amp; Payment Schedule</li> <li>8) Soft Copy of all submitted documents in PDF File (Submit in USB Flash Drive)</li> </ol>

## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.



## **1. Scope of Contract**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

## **2. Sectional Completion of Works**

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

## **3. Possession of Site**

- 4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
- 4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

## **4. The Contractor's Obligations**

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB Clause 10.3** and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

## **5. Performance Security**

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

## **6. Site Investigation Reports**

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

## **7. Warranty**

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

## **8. Liability of the Contractor**

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

## **9. Termination for Other Causes**

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.

## **10. Dayworks**

Subject to the guidelines on Variation Order in Annex "E" of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the SCC, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.

## **11. Program of Work**

11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the SCC.

11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

## **12. Instructions, Inspections and Audits**

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

## **13. Advance Payment**

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the SCC, subject to the requirements in Annex "E" of the 2016 revised IRR of RA No. 9184.

## **14. Progress Payments**

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Except as otherwise stipulated in the SCC, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

## **15. Operating and Maintenance Manuals**

15.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the SCC.

- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the SCC from payments due to the Contractor.

## ***Section V. Special Conditions of Contract***

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

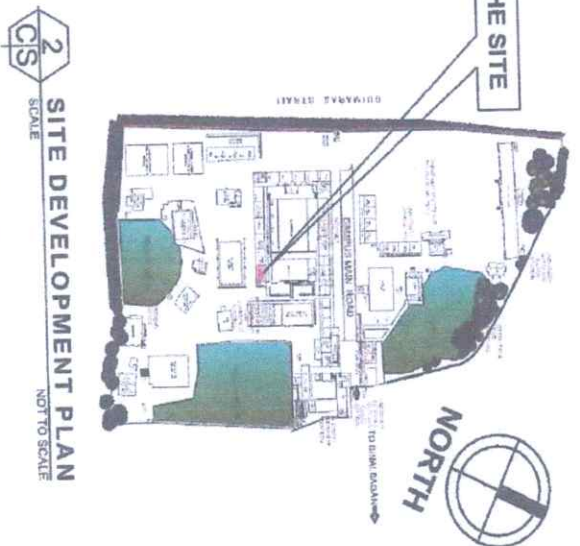
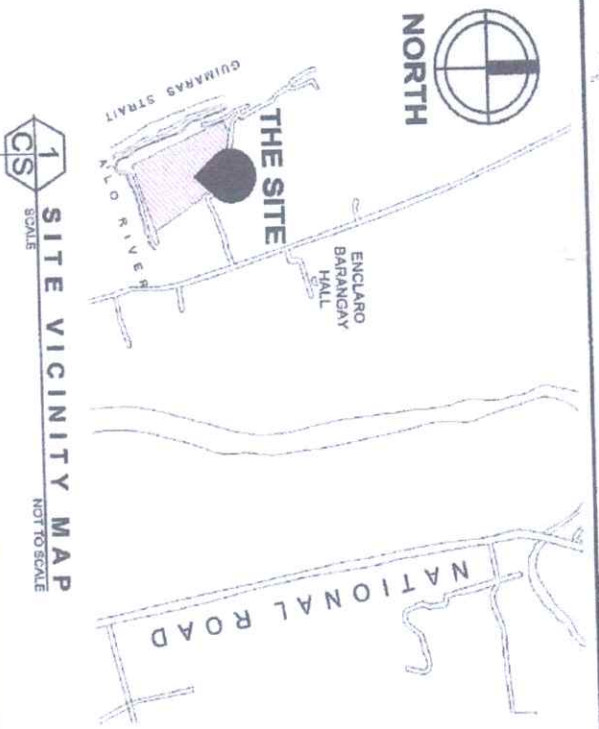
# Special Conditions of Contract

GCC Clause													
2	<p>The <b>Intended Completion Date</b> is</p> <p><b>60 calendar days upon receipt of the Notice to Proceed</b></p> <p><i><b>NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.</b></i></p>												
4.1	<p>The <b>CHMSU</b> shall give possession of all parts of the Site to the Contractor upon receipt of Notice to Proceed by the latter.</p>												
6	<p>No further instruction</p>												
7.2	<p><i>[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:]</i> Five (5) years.</p>												
8	<p>The Contractor shall employ the following <b>Key Personnel</b> as stated in the BDS.</p> <p>1. Project Engineer 2. Construction Safety and Health personnel 3. Materials Engineer 4. Foreman</p> <p>The contractor must ensure that nominated and duly approved key personnel will not be demobilized from site unless replacement is duly evaluated and approved.</p> <p>The non-availability of the following key personnel from the project site will be subject to penalty/deduction from the next billing:</p> <table><tr><th>No.</th><th>Key Personnel</th><th>Amount of Deduction per Day of Non-appearance</th></tr><tr><td>1.</td><td>Project Engineer</td><td>P800</td></tr><tr><td>2.</td><td>Construction Safety &amp; Health Personnel</td><td>P700</td></tr><tr><td>3.</td><td>Foreman</td><td>P500</td></tr></table> <p>The following condition will be ground for withholding of payment for the next billing.</p> <p>1. Poor supervision and inaction of the concerned contractor to the items and points included on Site Observation Reports</p>	No.	Key Personnel	Amount of Deduction per Day of Non-appearance	1.	Project Engineer	P800	2.	Construction Safety & Health Personnel	P700	3.	Foreman	P500
No.	Key Personnel	Amount of Deduction per Day of Non-appearance											
1.	Project Engineer	P800											
2.	Construction Safety & Health Personnel	P700											
3.	Foreman	P500											

	<p>(SOR's), Official Letters and other form of instructions and reports related to any observed non-conformity and non-compliance to the relevant clauses of the contract and the technical specifications – P500/ point.</p> <ol style="list-style-type: none"> <li>2. Prescribed (PPE's) Personal Protective Equipment <ol style="list-style-type: none"> <li>3.a No safety hats – P500/worker/day of occurrence</li> <li>3.b No safety shoes – P500/worker/day of occurrence</li> <li>3.c Non- availability or improper use of the body harness and other life-saving equipment on site – P500/worker/day of occurrence.</li> <li>3.d. Non wearing of face mask – P500/worker/day of occurrence.</li> </ol> </li> <li>3. Non-conformance to the Construction Safety Guidelines for the implementation of all DPWH Infrastructure Projects During the COVID-19 Public Health Crisis (DPWH DO. 35 s.2020) – P2,500/day of occurrence.</li> <li>4. Non-conformance to school guidelines especially the non-smoking policy – P500/day of occurrence.</li> <li>5. Implementation of critical works without permit such as concrete pouring, installation of devices, wires and conduits without prior samples and approval and other forms of work – Php5,000.00/point.</li> <li>6. Non-submission of reports such as but not limited to, the Daily Reports and Look Ahead Schedules– Php. 500.00/day of occurrence and delay.</li> <li>7. Non-submission of brochures and samples of materials prior to installation at site and installation of unapproved materials – Php. 5,000/point.</li> <li>8. Non-availability of pledged equipment and manpower at site. – Php. 500.00/day of occurrence.</li> <li>9. Non-Compliance to the college rules and regulations especially on the non-smoking policy – P500.00/occurrence.</li> </ol>
10	a. No day works are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within 7 days of delivery of the Notice of Award.
11.2	<p>The period of Program of Work updates is every fifteen (15) days.</p> <p>The amount to be withheld for late submission of an updated Program of Work is FIFTEEN THOUSAND PESOS (Php15,000.00) only. Other</p>



	relevant rules and regulations as well as communication protocol shall be discussed during the pre-bid conference and shall form part of the contract. Copy of which given to the contractor on the date for the conduct of the pre-construction conference.
13	<p>The amount of the advance payment is</p> <p>8% - upon the submission to and acceptance by the procuring entity of an irrevocable standby letter of credit of equivalent value from a commercial bank, a bank guarantee or a surety bond callable upon demand, issued by a surety or insurance company duly licensed by the Insurance Commission and confirmed by the procuring entity.</p> <p>7% - After submission to procuring entity the documents as proof of mobilization.</p> <p>The full mobilization fund shall be recouped from the regular billing of the contractor up to and until 80% of the contract amount are paid to the contractor.</p>
14	<i>No further instructions</i>
15.1	<p>The date by which operating and maintenance manuals are required during the commissioning of each of the equipment to be installed by the contractor.</p> <p>The date by which "as built" drawings are required will be before the processing of the occupancy permit or fifteen (15) calendar days from the final handing over whichever comes earlier.</p>
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is TWENTY-FIVE THOUSAND PESOS (Php25,000.00) ONLY for each requirement.



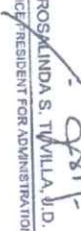
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CS	SITE DEVELOPMENT MAP	S-2	DETAIL OF C-1
CS	NORMAL PERSPECTIVES	S-2	TYPICAL STAIRCASE COLUMN
A-1	NORMAL PERSPECTIVES		
A-2	NORMAL PERSPECTIVES		ELECTRICAL
A-3	EXISTING FLOOR PLAN	E-1	VICINITY MAP
A-4	PROPOSED FLOOR PLAN	E-1	ELECTRICAL NOTES
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A-9	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
A-10	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
A-11	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
A-12	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
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A-17	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
A-18	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
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A-20	GROUND FLOOR PLAN (GROUND)	E-1	GROUND FLOOR PLAN AND
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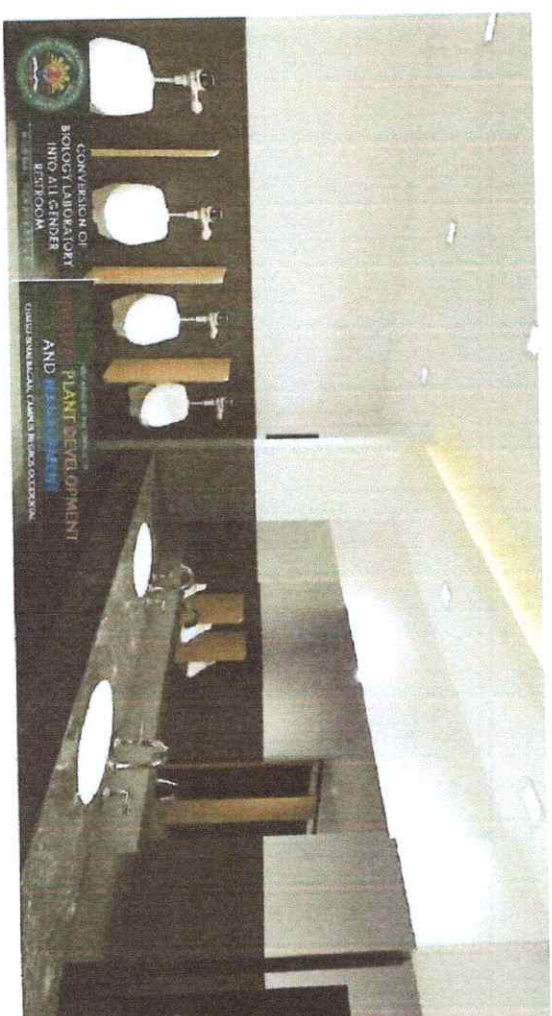
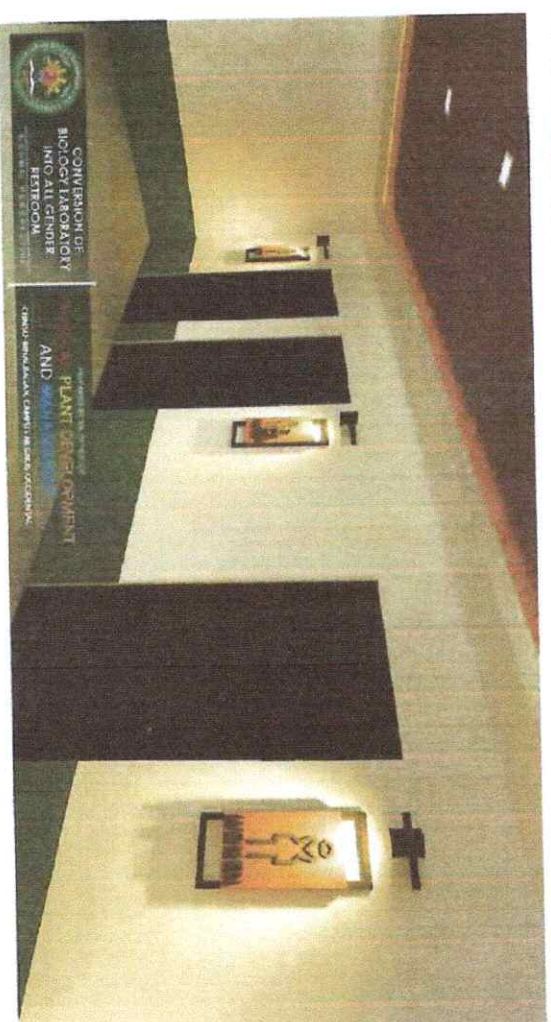
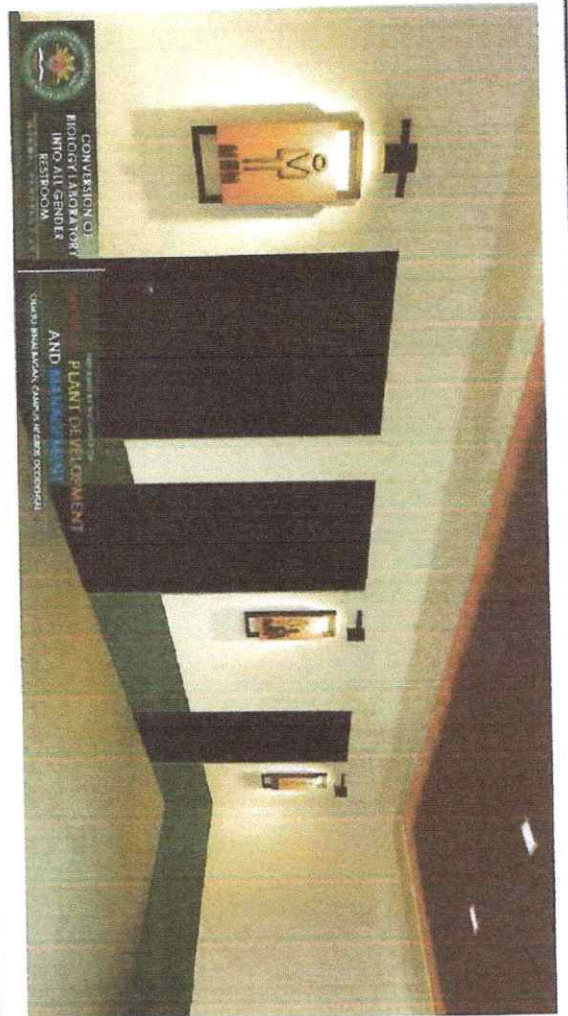
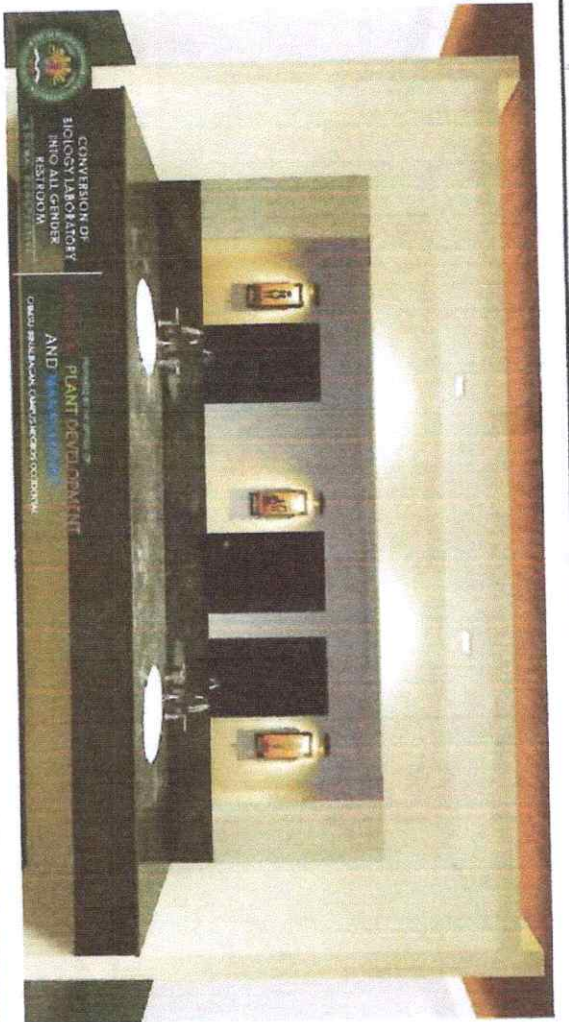


## 3 NORMAL PERSPECTIVES NOT TO SCALE




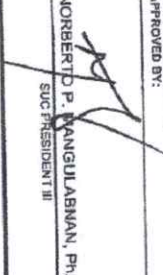
PREPARED BY: Republic of the Philippines <b>CARLOS HILADO MERIAL</b> STATE UNIVERSITY Negros Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b>	ENDORSED BY:  <b>JOVELLE B. VERGARA, Esq.</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENGR. JUN-JUN MARIQUEZ</b> PRINCIPAL DESIGNER	RECOMMENDING APPROVAL:  <b>ROSALINDA S. TIVILLA, J.D.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO F. MANGALABAN, Ph.D.</b> SVP PRESIDENT III
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT					



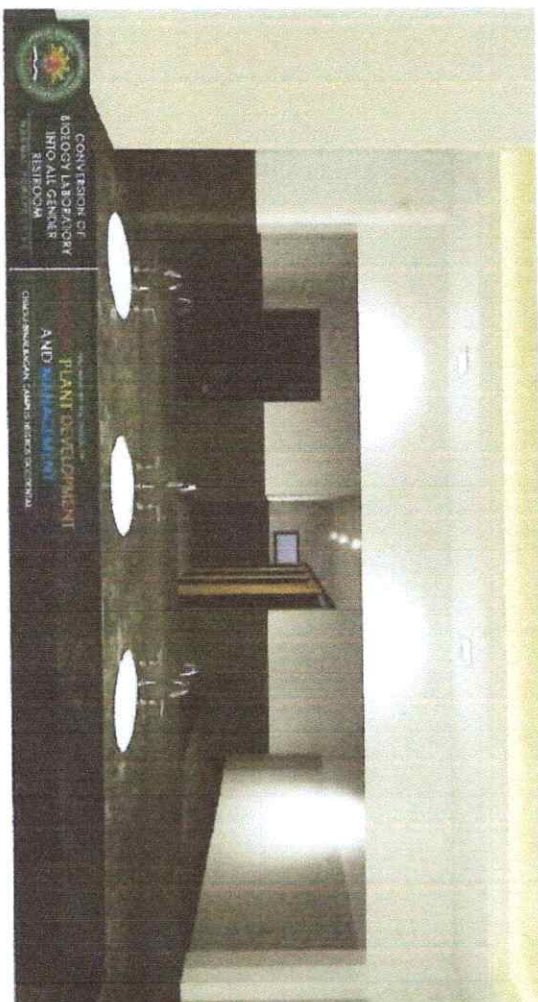
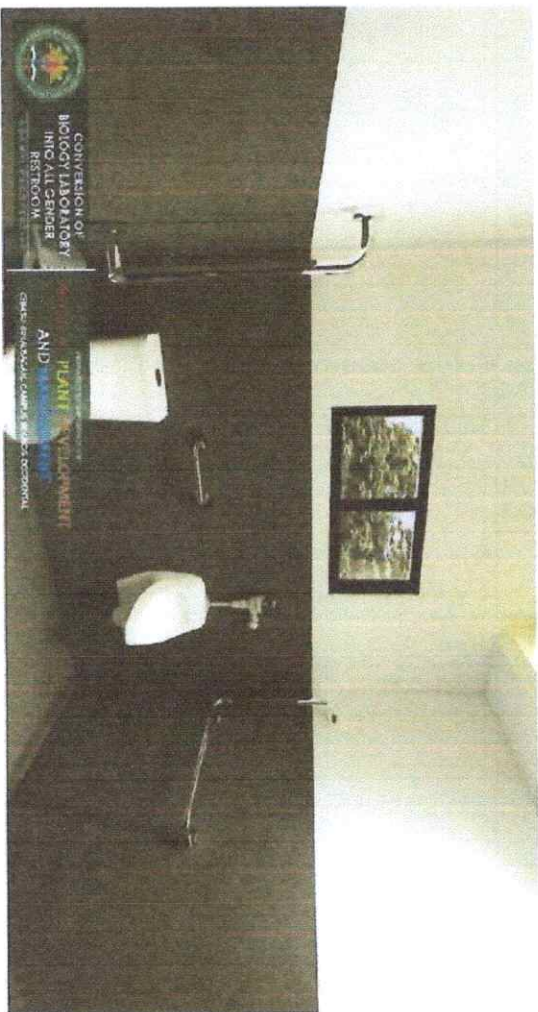
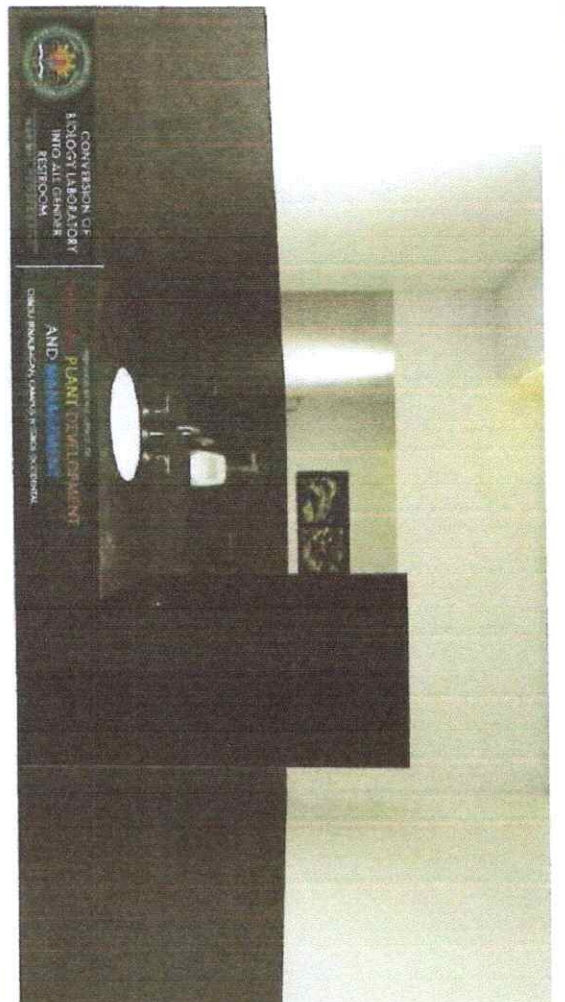







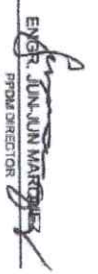


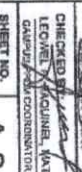
1  
A1  
NORMAL PERSPECTIVES  
SCALE  
NOT TO SCALE

 <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Republic of the Philippines Marikina City	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOEVELLE B. VERGARA, EDD CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JUN-JUN MARQUEZ DEAN DIRECTOR	<b>RECOMMENDING APPROVAL:</b> ROSALINDA S. TUVILA, J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANGULABMAN, PH.D. SUC PRESIDENT III	<b>DRAWN BY:</b> ELIZABETH B. CLAVE ARCHITECT JR. CHECKED BY: LESTER B. MAGUIRE, MAT CHAIRMAN, MTC SHEET NO. A-1
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT	LOCATION: CHIBU-BINALAGAN, CAMPUS NERIOS OCCIDENTAL					



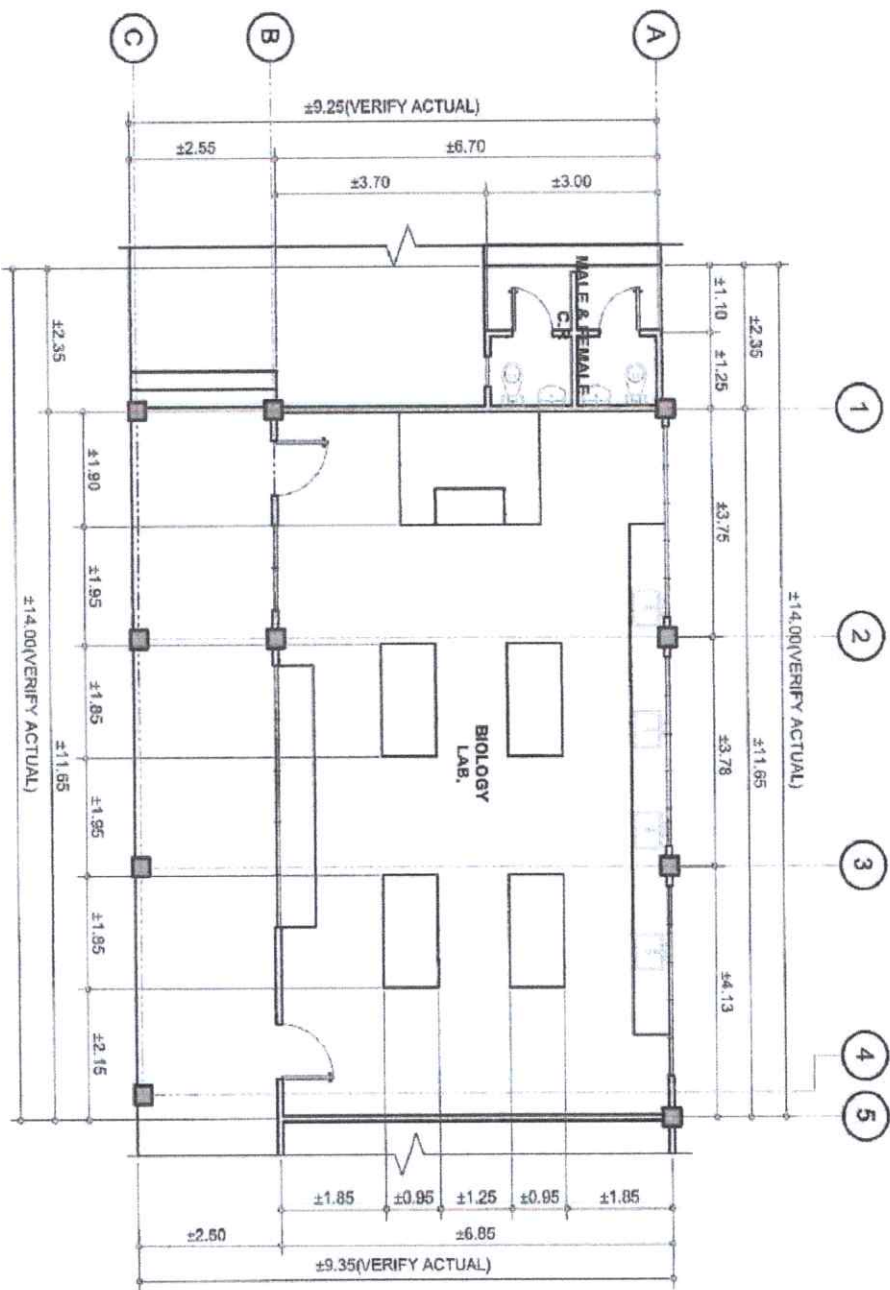


  
 1  
 2  
 NORMAL PERSPECTIVES  
 SCALE  
 NOT TO SCALE

PREPARED BY:  Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b>	ENDORSED BY:  <b>JOEVILLE B. VERGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENGR. JUN JUN MAROÑAS</b> PRDUP DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. TUVILLA, J.D.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO P. MANGULABUAN, Ph.D.</b> SUC PRESIDENT III	DEPARTMENT: <b>ENGINEERING</b> CHECKED BY:  <b>LEONEL Y. AQUINO, MAT</b> CAMPUS COORDINATOR SHEET NO. <b>A-2</b>
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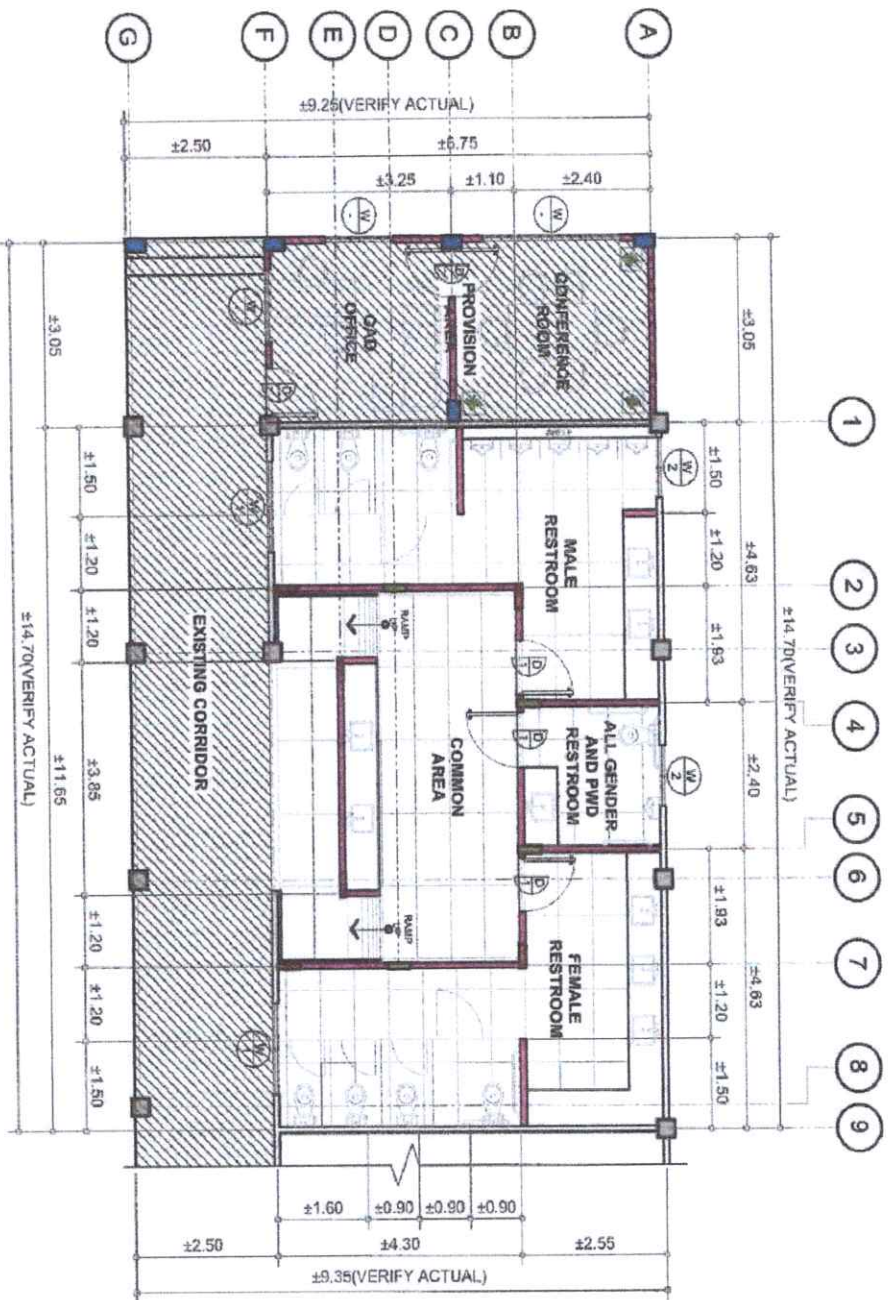
HATCH LEGEND	
	EXISTING C-B WALL
	EXISTING COLUMN



**1**  
SCALE  
EXISTING FLOOR PLAN  
1:100 METERS

<b>PREPARED BY:</b> Republic of the Philippines <b>CARLOS HILADO MERORIAL</b> <b>STATE UNIVERSITY</b> Marikina, Occidental		<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM		<b>ENDORSED BY:</b>  JOSEVELLE B. MARGARA, EDD CAMPUS DIRECTOR		<b>CHECKED BY:</b>  ENGR. JIN-JUN MARGARA PRDM DIRECTOR		<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TIVILAN, J.D. VICE PRESIDENT FOR ADMINISTRATION		<b>APPROVED BY:</b>  NORBERTO P. MANUELABANAN, Ph.D. SVP PRESIDENT III		<b>DEPARTMENT:</b> CIVIL ENGINEERING	
<b>OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</b>		<b>LOCATION:</b> CHINUJINABANAN, CAMPUS NEGROS OCCIDENTAL										<b>CHECKED BY:</b> LEONARDO A. MANUELABANAN, Ph.D. CAMPUS PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT	
												<b>SHEET NO.</b> A-3	

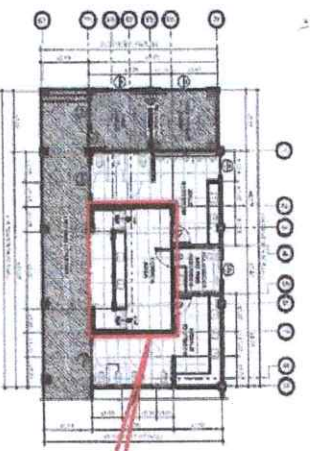
HATCH LEGEND	
	EXISTING CHS WALL
	EXISTING COLUMN
	NEW CHS WALL
	NEW SSX20 COLUMN
	LDK10 PLANTED COLUMN
	LDK10 STIFFENER COLUMN



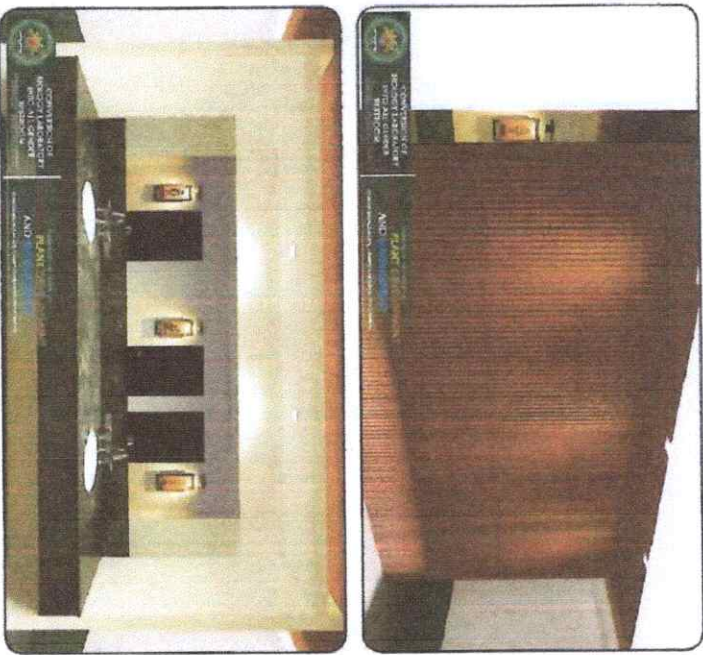
**1**  
**PROPOSED FLOOR PLAN**  
SCALE 1:100 METERS

<b>PREPARED BY:</b>  <b>CARLOS HILADO MERORIAL</b> Republic of the Philippines <b>STATE UNIVERSITY</b> Negros Occidental		<b>PROJECT TITLE:</b> CONVERSION OF <b>BIOLOGY LABORATORY</b> INTO ALL GENDER <b>RESTROOM</b> CHERUBINILAGAN CAMPUS NEGROS OCCIDENTAL		<b>ENDORSED BY:</b>  <b>JOVELLE B. VERGARA, EDD</b> CAMPUS DIRECTOR		<b>CHECKED BY:</b>  <b>ENGR. JIN JIN MARQUEZ</b> PRIN. DIRECTOR		<b>RECOMMENDING APPROVAL:</b>  <b>ROSALINDA S. TUVILLA, MS</b> VICE PRESIDENT FOR ADMINISTRATION		<b>APPROVED BY:</b>  <b>NORBERTO P. MAMIGULABUAN, Ph.D</b> SUV. PRESIDENT III		<b>DESIGNED BY:</b>  <b>CLAYTON B. BAYAN, JR.</b> CIVIL ENGINEER		<b>CHECKED BY:</b>  <b>LESTER R. BACUNES, MPT</b> CIVIL & STRUCTURAL ENGINEER		<b>SHEET NO.</b> <b>A-4</b>	
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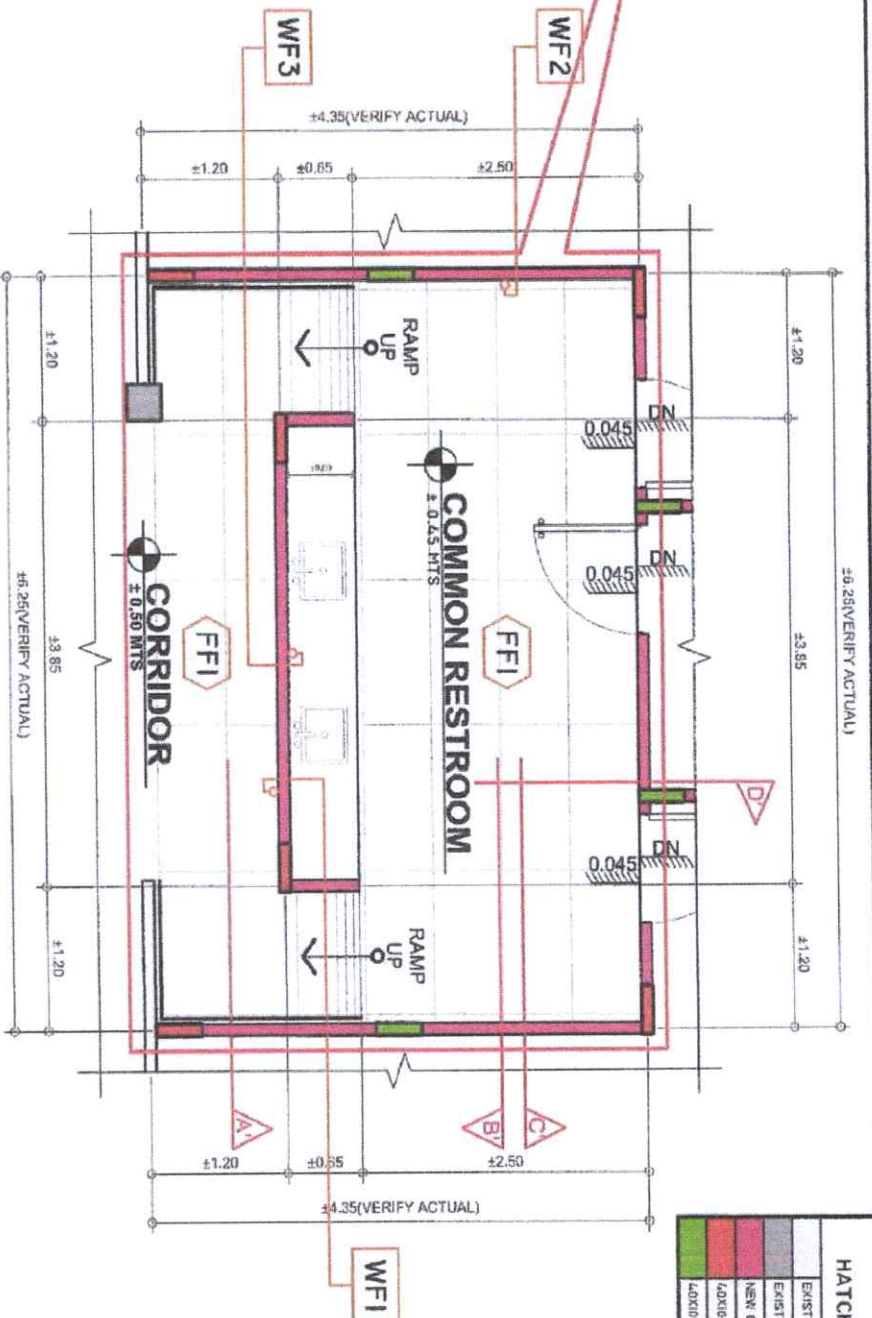




**2 KEY FLOOR PLAN (GROUND)**  
SCALE: 1:300 METERS



**1 NORMAL PERSPECTIVES**  
SCALE: NOT TO SCALE



**3 BLOW-UP FLOOR FINISHES PLAN (GROUND)**  
SCALE: 1:50 METERS

**SCHEDULE OF WALL FINISHES**

CODE	DESCRIPTION
WF1	WALL FINISHED 1 MASONRY FINISHED PAINT, ACCORD COORDINATE MATERIALS OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)
WF2	WALL FINISHED 2 PLASTER FINISH COAT, PAINTED WITH TOILET WHITE MASONRY (VERIFY FROM OFFICE)
WF3	WALL FINISHED 3 DECORATIVE MASONRY AS ACCEPT DESIGN OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)

**SCHEDULE OF FLOOR FINISHES**

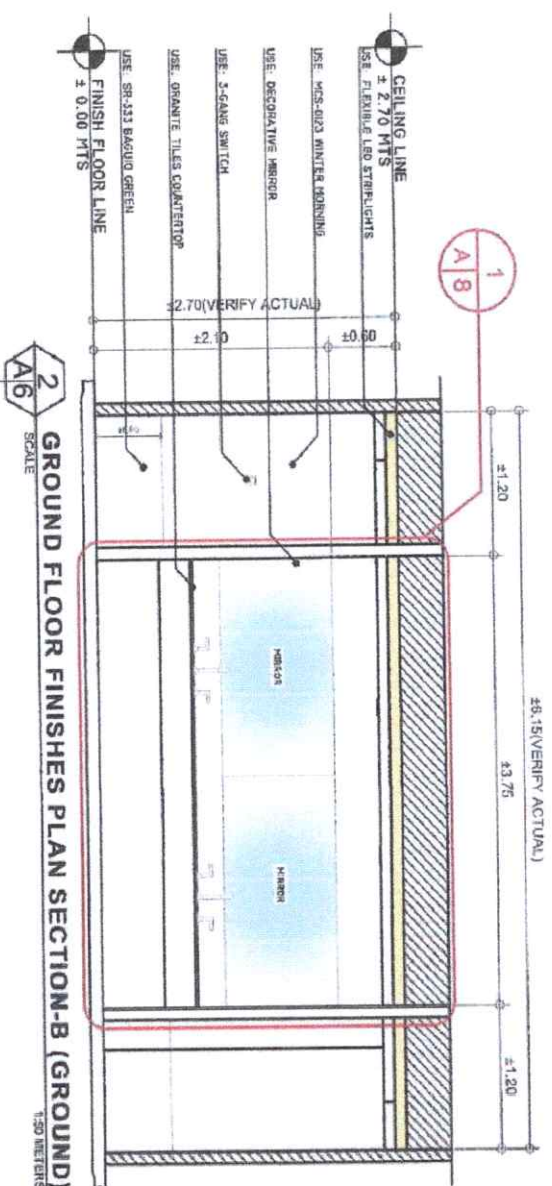
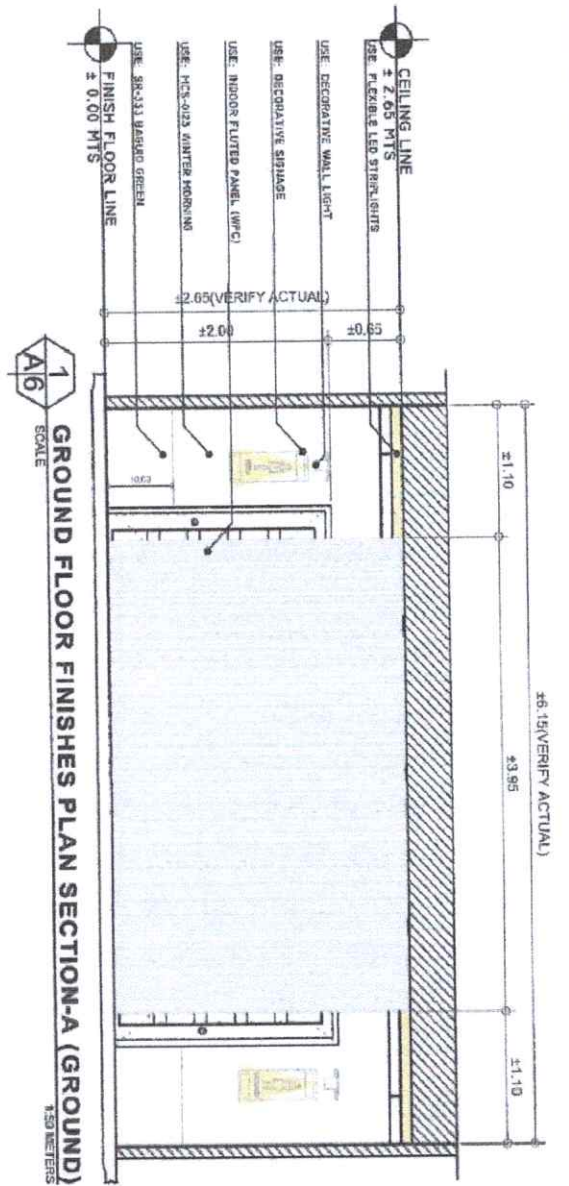
CODE	DESCRIPTION
FF1	FLOOR FINISHED 1 BOX 120 PORCELAIN TILE AS ACCEPT DESIGN FOR FLOOR OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)




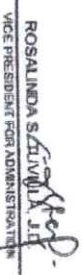

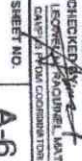
**HATCH LEGEND**

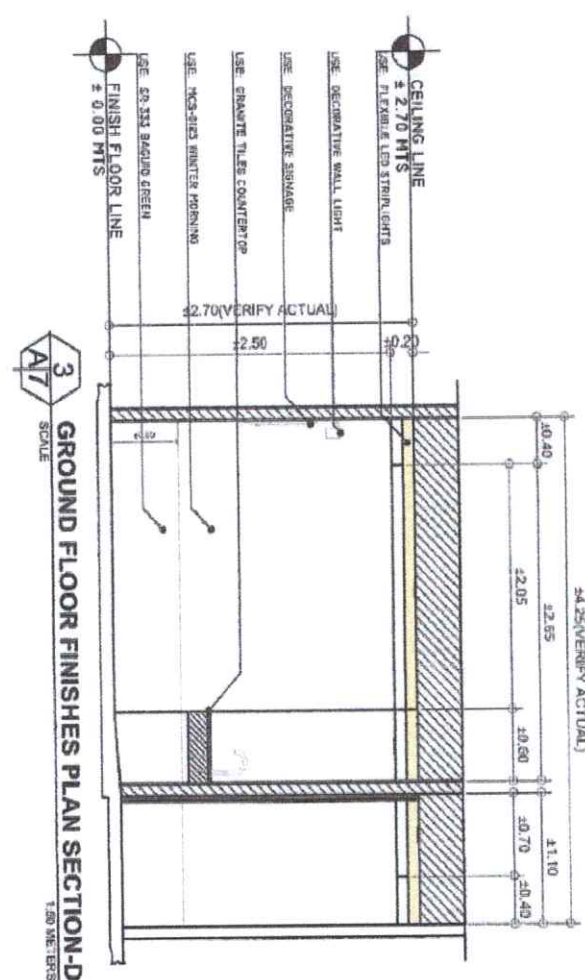
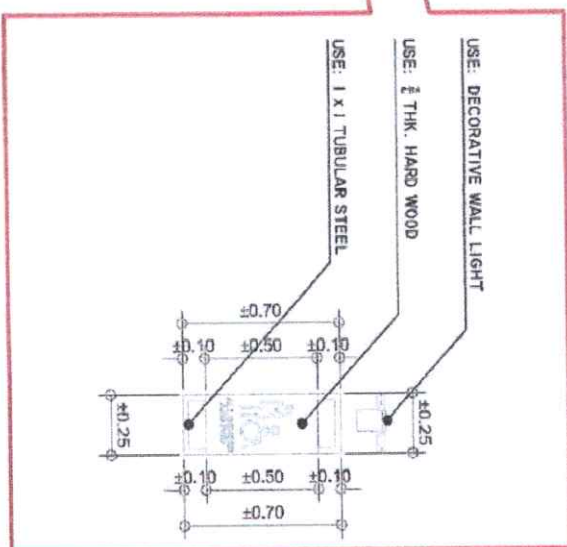
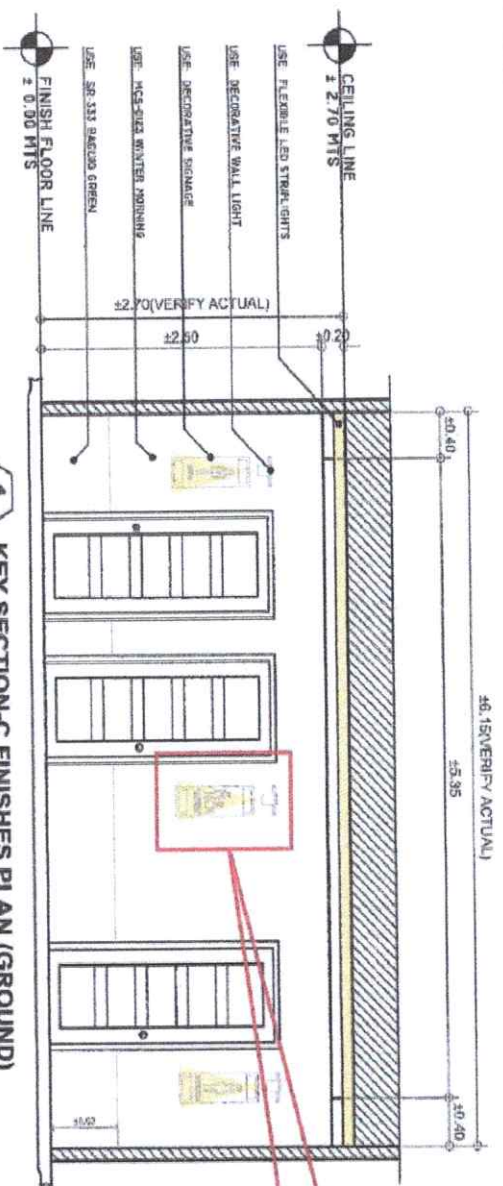
[Hatch]	EXISTING CHS WALL
[Hatch]	EXISTING COLUMN
[Hatch]	NEW CHS WALL
[Hatch]	ADDED PLASTER COLUMN
[Hatch]	ADDED STEELBEAM COLUMN


<b>PREPARED BY:</b> Republic of the Philippines <b>CARLOS HILADO MEROLAL</b> Nippon Occidental	<b>PROJECT TITLE:</b> CONVERSION OF <b>BIOLOGY LABORATORY</b> <b>INTO ALL GENDER</b> <b>RESTROOM</b>	<b>ENDORSED BY:</b>  JOVELLE B. BERGARA, EAO CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JIN-LIN MANSUEZ PRON DIRECTOR	<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TIVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANGLABANAN, Ph.D. SLD PRESIDENT III	<b>DESIGNED BY:</b> LEOBARDITO S. MANUEL, RMT LEOBARDITO S. MANUEL, RMT CHECKED BY: LEOBARDITO S. MANUEL, RMT SHEET NO. A-5
<b>OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</b> CHRISTOPHER MANUEL CAMPUS NIPON OCCIDENTAL						



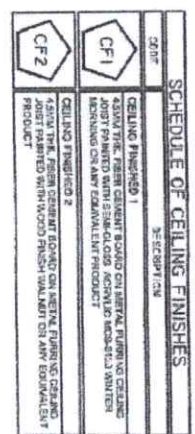




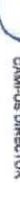




 <p>REPUBLIC OF THE PHILIPPINES CARLOS HILADO MEMORIAL STATE UNIVERSITY Negros Occidental</p>	<p>PROJECT TITLE: CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</p>	<p>ENDORSED BY:  NOELVILLE B. VARGARA, EdD CAMPUS DIRECTOR</p>	<p>CHECKED BY:  ENGR. JHON-JUN MARQUEZ PDDI DIRECTOR</p>	<p>RECOMMENDING APPROVAL:  ROSALINDA S. LIVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION</p>	<p>APPROVED BY:  NORBERTO P. MANZANOBRYAN, Ph.D. SUC PRESIDENT III</p>	<p>DRAWN BY:  LEONOR B. MORALES, LAY CAMPUS PLANNING COORDINATOR</p>
<p>PREPARED BY: OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>	<p>LOCATION: CHASU-BINALABAN, CAMPUS NEGROS OCCIDENTAL</p>					<p>SHEET NO. A-6</p>

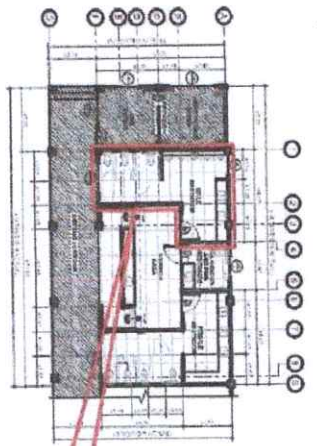


 <p>Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental</p> <p>OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>	<p><b>PROJECT TITLE:</b></p> <p>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</p> <p><b>LOCATION:</b></p> <p>CANALS-SUBSABANG, CAMPUS NEGROS OCCIDENTAL</p>	<p><b>ENDORSED BY:</b></p> <p><i>JOVELLE B. VERGARA, EDD</i> JOVELLE B. VERGARA, EDD CAMPUS DIRECTOR</p>	<p><b>CHECKED BY:</b></p> <p><i>PROF. JIMMY JUN MORAQUEZ</i> PROF. JIMMY JUN MORAQUEZ PRINCIPAL</p>	<p><b>RECOMMENDING APPROVAL:</b></p> <p><i>ROSALINDA S. NUVILLA, J.D.</i> ROSALINDA S. NUVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION</p>	<p><b>APPROVED BY:</b></p> <p><i>NORBERTO P. MANGULABAN, Ph.D.</i> NORBERTO P. MANGULABAN, Ph.D. SUC PRESIDENT III</p>	<p><b>DRAWN BY:</b></p> <p><i>LEONARDO A. BACALAN</i> LEONARDO A. BACALAN LEONARDO A. BACALAN SUC PRESIDENT III</p> <p><b>CHECKED BY:</b></p> <p><i>LEONARDO A. BACALAN</i> LEONARDO A. BACALAN LEONARDO A. BACALAN SUC PRESIDENT III</p> <p><b>SHEET NO.</b></p> <p>A-7</p>
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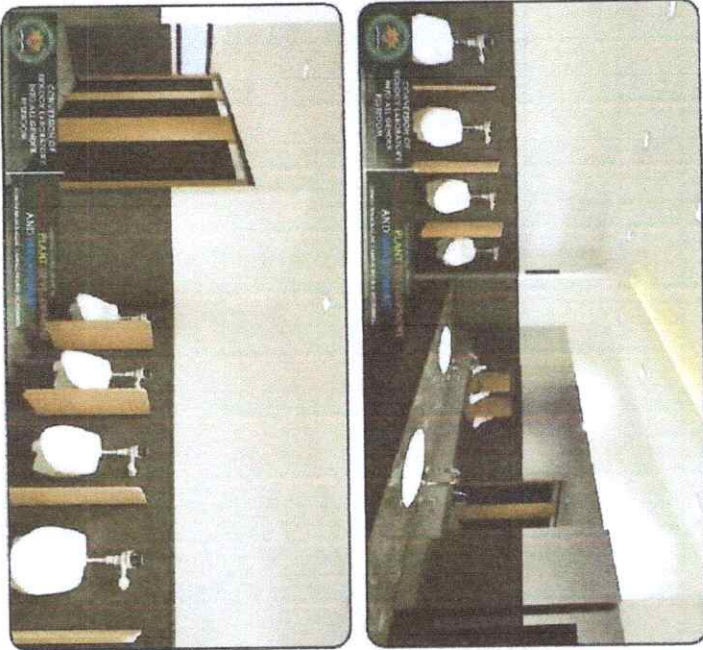




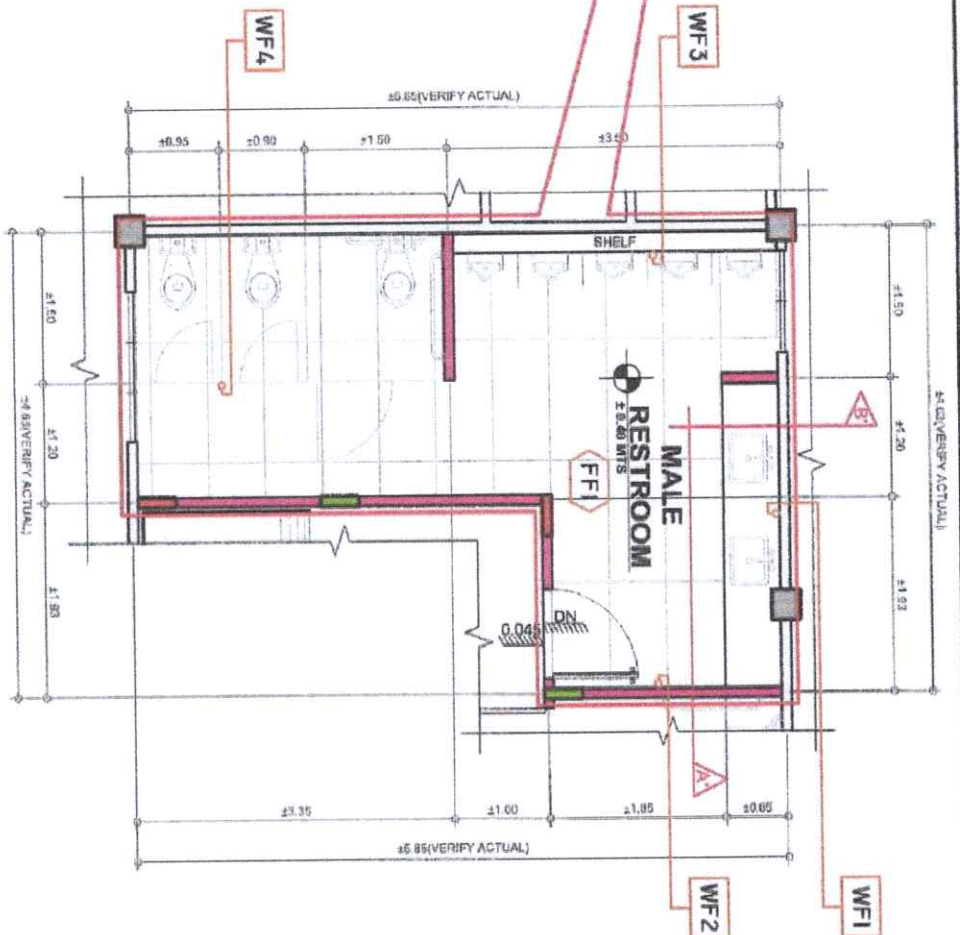
 <p> <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b>          Republic of the Philippines          Negros Occidental       </p>	PREPARED BY:			
	PROJECT TITLE:	CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM		
LOCATION: CHALISABUAGAN, CAMPUS NEGROS OCCIDENTAL	ENDORSED BY:	 JOEL B. VERGARA, EDD CAMPUS DIRECTOR		
	CHECKED BY:	 ENGR. JUN-JUN MAPOQUE DEPUTY DIRECTOR		
	RECOMMENDING APPROVAL:	 ROSALINDA S. TUDILLO, J.D. VICE PRESIDENT FOR ADMINISTRATION		
	APPROVED BY:	 NORBERTO P. MANGALABNAN, PH.D. SUC PRESIDENT III		
SHEET NO.	PREPARED BY:  CHECKED BY:  LEONOR MACALINO, MAIT CAMPUS ADMINISTRATION COORDINATOR			
A-8				



**2**  
KEY FLOOR PLAN (GROUND)  
SCALE 1:300 METERS



**1**  
NORMAL PERSPECTIVES  
SCALE NOT TO SCALE



**3**  
BLOW-UP FLOOR FINISHES PLAN (GROUND)  
SCALE 1:300 METERS

SCHEDULE OF WALL FINISHES	
CODE	DESCRIPTION
WF1	WALL FINISHED 1 DECORATIVE MIRROR AS ACCENT DESIGN OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)
WF2	WALL FINISHED 2 PLAIN CERAMIC FINISH (48" PAINTED WITH BLUE WHITE MOCOTTI (VERIFY FROM OFFICE))

SCHEDULE OF WALL FINISHES	
CODE	DESCRIPTION
WF3	WALL FINISHED 3 600x300 PORCELAIN TILES AS ACCENT DESIGN FOR WALL OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)
WF4	WALL FINISHED 4 TAN 1x4, COARSELY TEXTURED BOARD OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)

SCHEDULE OF FLOOR FINISHES	
CODE	DESCRIPTION
FF1	FLOOR FINISHED 1 600x300 PORCELAIN TILES AS ACCENT DESIGN FOR FLOOR OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)

HATCH LEGEND	
	EXISTING CHG WALL
	EXISTING COLUMN
	NEW CHG WALL
	48x60 PLANTED COLUMN
	48x60 STIFFENER COLUMN

PREPARED BY: **CARLOS HILADO MEMORIAL STATE UNIVERSITY**  
Negros Occidental

PROJECT TITLE: **CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM**

LOCATION: **CHASU-BINALAGAN, CAMPUS NEGROS OCCIDENTAL**

ENDORSED BY: **JOVELLE B. VERGARA, EdD**  
CAMPUS DIRECTOR

CHECKED BY: **ENGR. JUVIN BARQUEZ**  
FROM DIRECTOR

RECOMMENDING APPROVAL: **ROSALINDA S. TUVILLA, J.D.**  
VICE PRESIDENT FOR ADMINISTRATION

APPROVED BY: **NORBERTO P. MANGULABAN, PhD**  
SVP PRESIDENT III

DRAWN BY: **LEONOR P. MANGULABAN, JR.**  
CAMPUS DIRECTOR

CHECKED BY: **LEONOR P. MANGULABAN, JR.**  
CAMPUS DIRECTOR

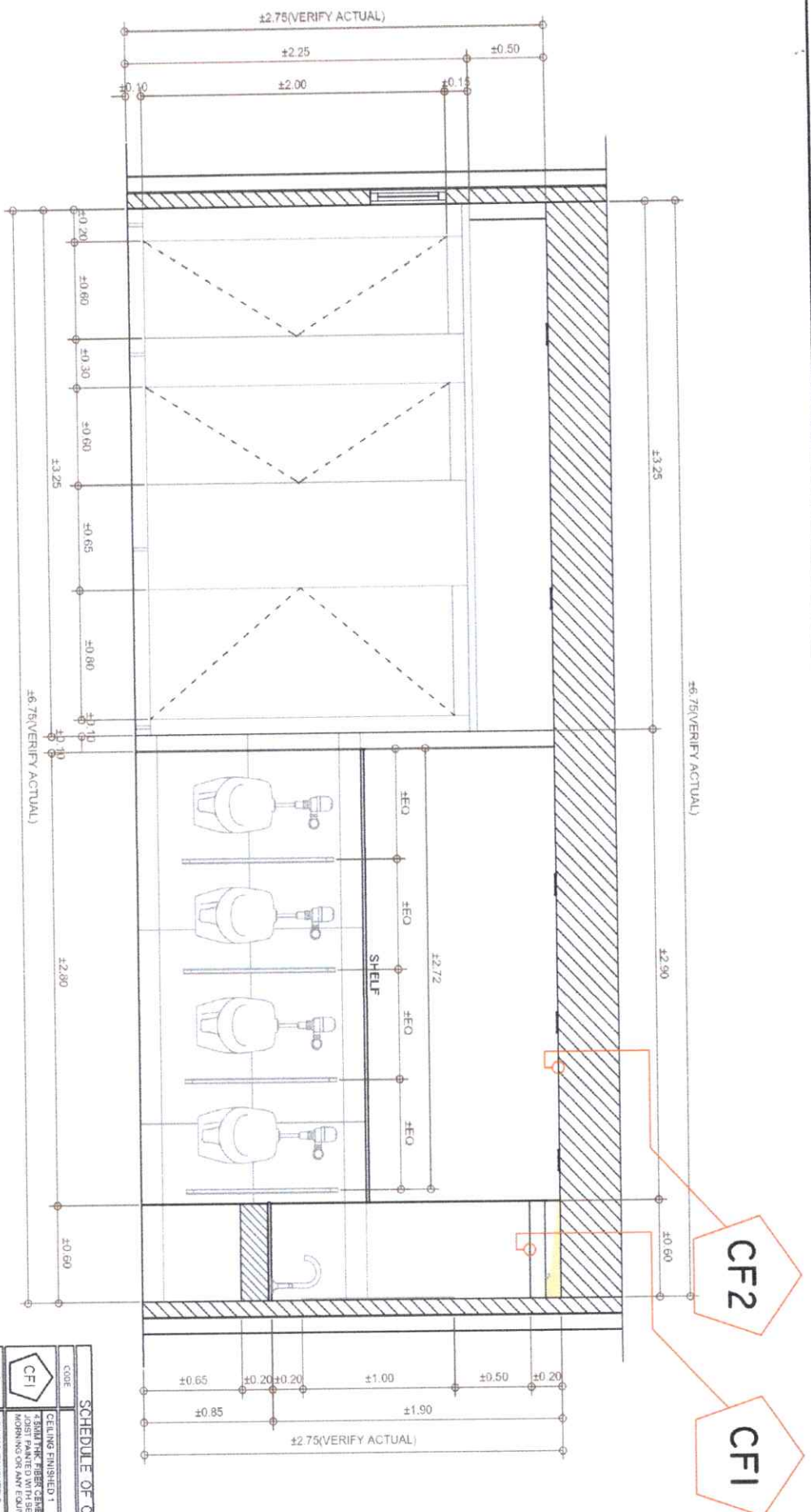
SHEET NO. **A-9**















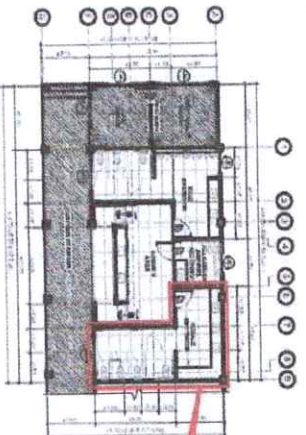


SCHEDULE OF CEILING FINISHES	
CODE	DESCRIPTION
CE1	CEILING FINISHED 1 JOBS PAINTED WITH SEMI-GLOSS OR GLOSS POLYURETHANE CEILING JOBS PAINTED WITH BEN-GLOSS ACRYLIC M-S-201 WINTER MORNING OR ANY EQUIVALENT PRODUCT
CE2	CEILING FINISHED 2 TO EXHAUST THE FINEST CEILING BOARD ON MARKET, CEILING JOBS PAINTED WITH S.O.S. ACRYLIC M-S-201 WINTER MORNING OR ANY EQUIVALENT PRODUCT

1  
A12  
SCALE  
GROUND FLOOR FINISHES PLAN SECTION-B (GROUND)  
1:50 METERS

 <p><b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Nagpos Occidental</p>	<p>Republic of the Philippines</p>	<p>PREPARED BY:</p>
<p>OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>	<p>PROJECT TITLE:</p> <p><b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b></p>	<p>ENDORSED BY:</p>  <p>ADELLE B. NERGARA, EDD CAMPUS DIRECTOR</p>
<p>LOCATION: CHRISTINA BACAN, CAMPUS NEGROS OCCIDENTAL</p>	<p>CHECKED BY:</p>  <p>EDER JUN-MUN MEDRQUEZ TDM DIRECTOR</p>	<p>RECOMMENDING APPROVAL:</p>  <p>ROSALINDA S. TIVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION</p>
<p>APPROVED BY:</p>  <p>NORBERTO P. MANGALABAN, Ph.D. SUC PRESIDENT III</p>	<p>DATE: 2023-05-25</p> <p>TIME: 10:00 AM</p> <p>OFFICE: OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>	<p>PREPARED BY:</p> <p>DATE: 2023-05-25</p> <p>TIME: 10:00 AM</p> <p>OFFICE: OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>
<p>SHEET NO.</p> <p><b>A-12</b></p>	<p>CHECKED BY: </p> <p>DATE: 2023-05-25</p> <p>TIME: 10:00 AM</p> <p>OFFICE: OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>	<p>DATE: 2023-05-25</p> <p>TIME: 10:00 AM</p> <p>OFFICE: OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</p>

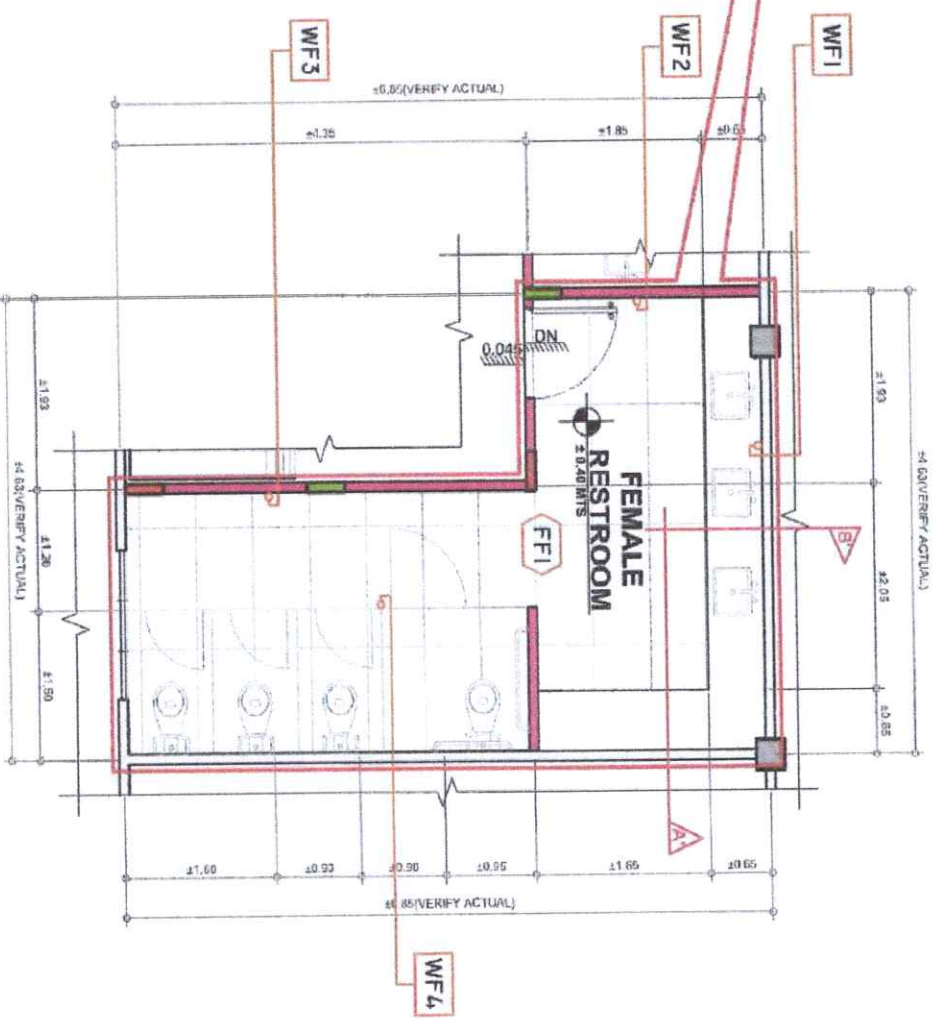




**2**  
**KEY FLOOR PLAN (GROUND)**  
SCALE 1:200 METERS



**1**  
**NORMAL PERSPECTIVES**  
SCALE NOT TO SCALE



**3**  
**BLOW-UP FLOOR FINISHES PLAN (GROUND)**  
SCALE 1:200 METERS

SCHEDULE OF WALL FINISHES	
CODE	DESCRIPTION
WF1	WALL FINISHED 1 DECORATIVE DESIGN AS ACCENT DESIGN FOR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)
WF2	WALL FINISHED 2 PLAIN CERAMIC FINISHING, PAINTED WITH TULLE WHITE (VERIFY FROM OFFICE)

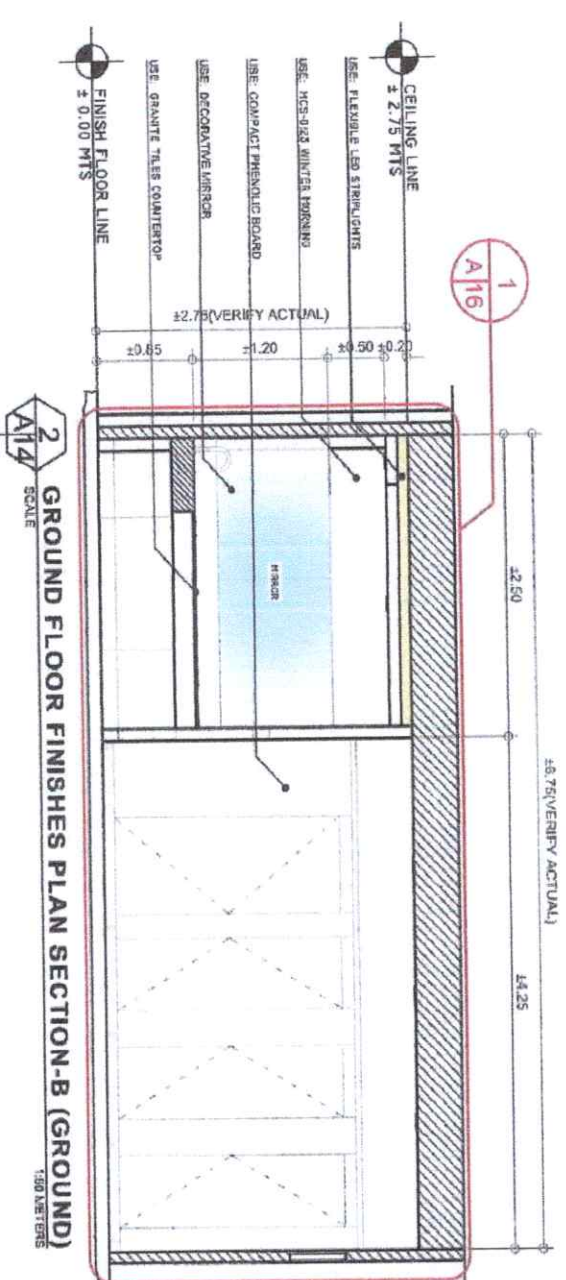
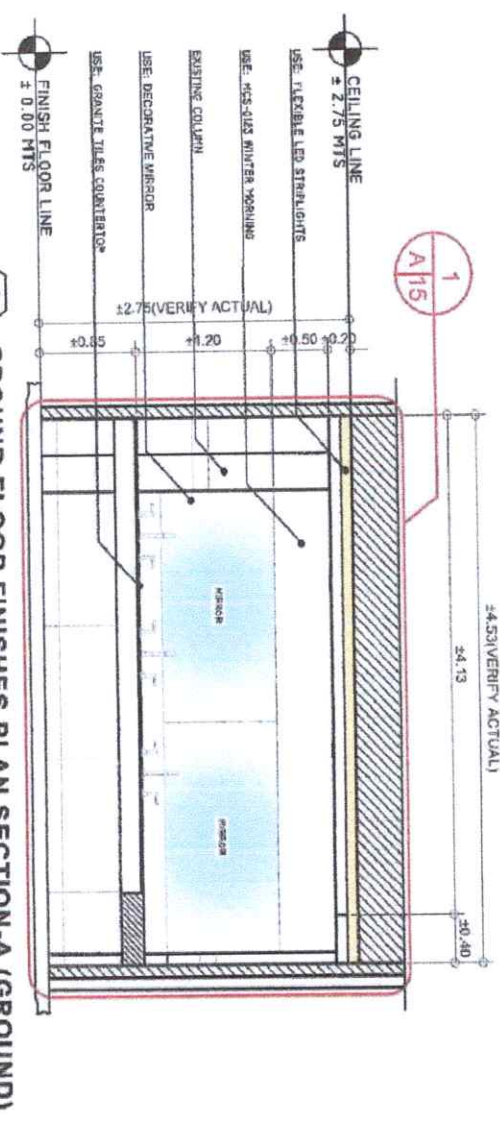
SCHEDULE OF WALL FINISHES	
CODE	DESCRIPTION
WF3	WALL FINISHED 3 BOXED PORTCELAIN TILES AS ACCENT DESIGN FOR WALL ON ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)
WF4	WALL FINISHED 4 PLAIN CERAMIC FINISHING, PAINTED WITH TULLE WHITE (VERIFY FROM OFFICE)



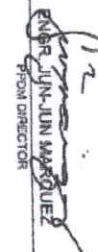
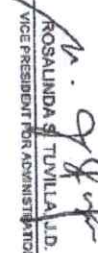

SCHEDULE OF FLOOR FINISHES	
CODE	DESCRIPTION
FF1	FLOOR FINISHED 1 BOXED PORTCELAIN TILES AS ACCENT DESIGN FOR FLOOR ON ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)

HATCH LEGEND	
	EXISTING CHB WALL
	EXISTING COLUMN
	NEW CHB WALL
	EXISTING PLANTED COLUMN
	EXISTING STRENGTHEN COLUMN

PREPARED BY:  <b>CARLOS HILADO MERONIAL</b> Republic of the Philippines STATE UNIVERSITY Napos Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b> BIOLOGY LABORATORY INTO ALL GENDER RESTROOM RESTROOM CAGSANA-BALABAN, CAMPUS NEGROS OCCIDENTAL	ENDORSED BY:  <b>JOEVILLE B. VERGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENGR. RUBEN MARQUEZ</b> SENIOR DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. TIVILLA, J.D.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO F. MANGULABNAN, PhD</b> S.C. PRESIDENT III	DRAWN BY:  <b>ENGR. RUBEN MARQUEZ</b> SENIOR DIRECTOR	CHECKED BY:  <b>ENGR. RUBEN MARQUEZ</b> SENIOR DIRECTOR	SHEET NO. <b>A-13</b>
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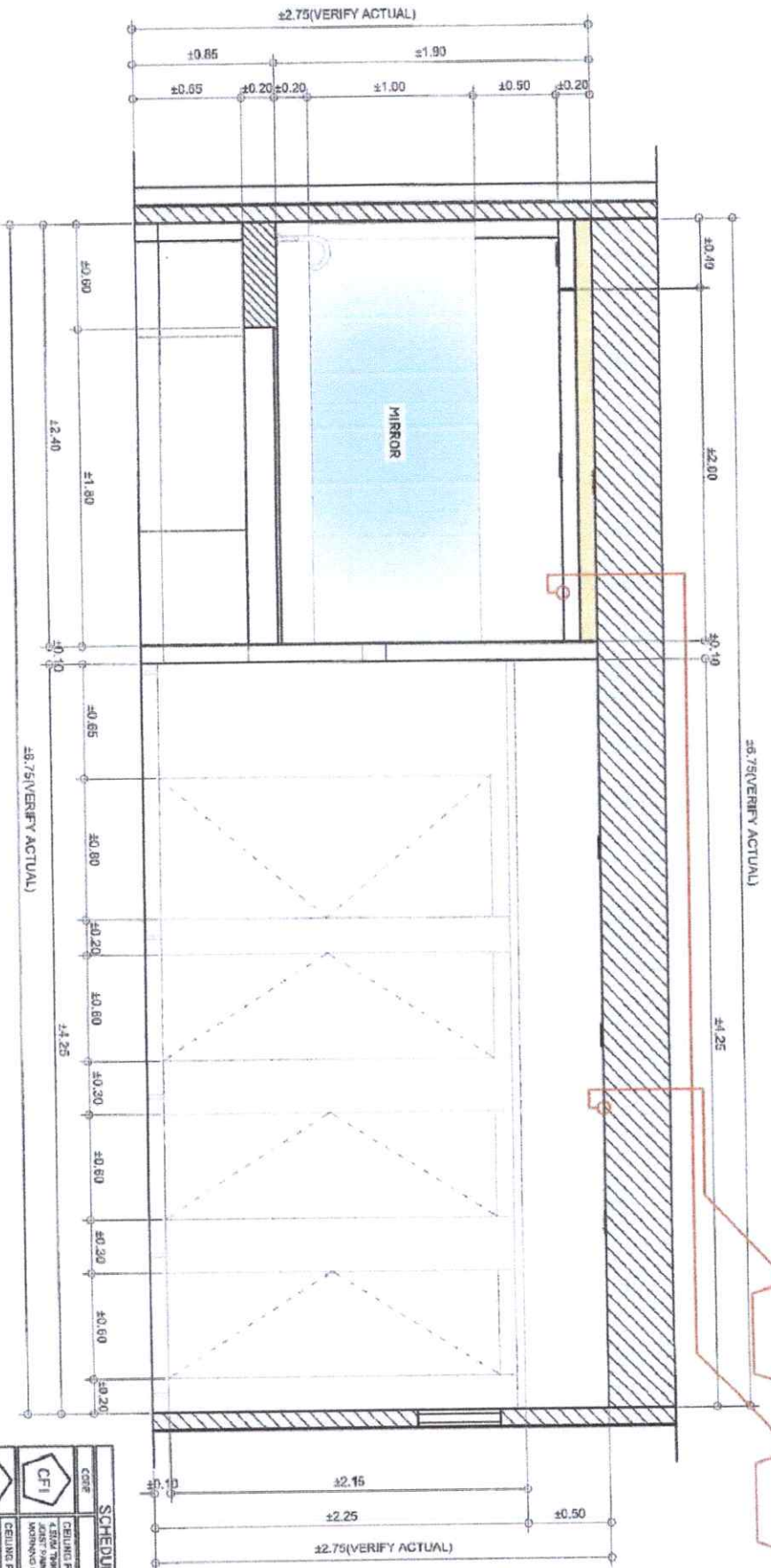




 Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Marikina Occidental	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOVELLE B. VERGARA EDD CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JIN-JUN MADRUE PRON DIRECTOR	<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TUVILLA J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANCULABAN, Ph.D. SUCCESSIONENT III	<b>DRAWN BY:</b> ELYS K. SORIANO JR. CIVIL ENGINEER	<b>CHECKED BY:</b> EDYDIP R. RAGUINET, Ph.D. CIVIL ENGINEER	<b>SHEET NO.</b> A-14
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT	LOCATION: CEMESJANALAGAN, CAMPUS MEROOS OCCIDENTAL							


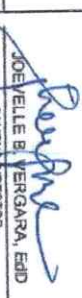


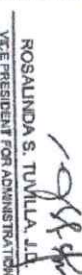
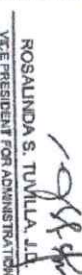



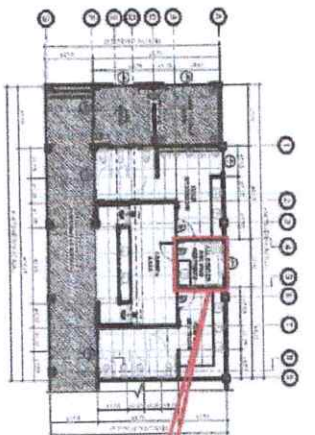




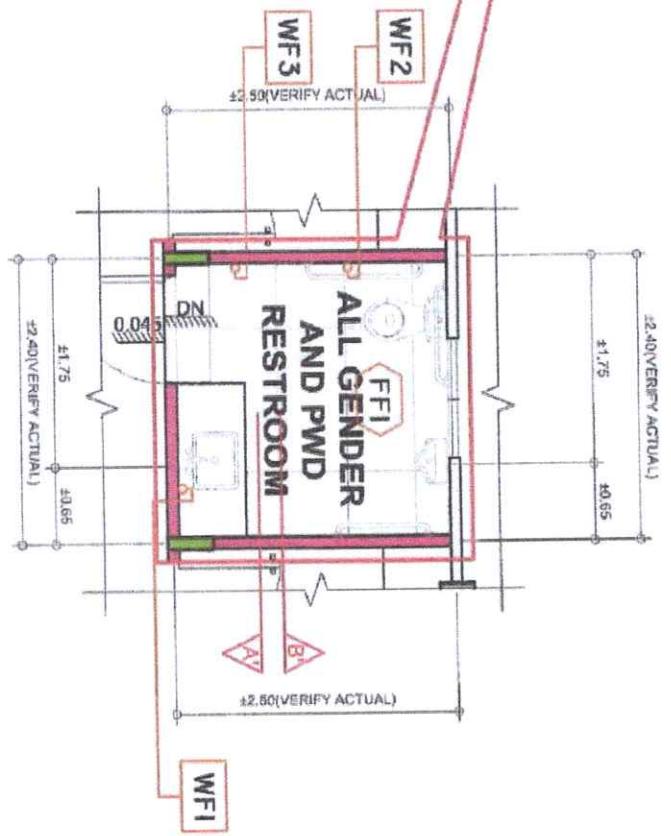
1  
A16  
SCALE  
GROUND FLOOR FINISHES PLAN SECTION-B (GROUND)  
1.30 METERS

SCHEDULE OF CEILING FINISHES	
CODE	DESCRIPTION
CF1	CEILING FINISHED 1 4.50M TYP. FIBER GLASS BOARD ON METAL FINISHED CEILING JOINT PAINTED WITH SEMI-GLOSS ACRYLIC WOOD-0123 WHITE MORNING OR AMV EQUIVALENT PRODUCT
CF2	CEILING FINISHED 2 4.50M TYP. FIBER GLASS BOARD ON METAL FINISHED CEILING JOINT PAINTED WITH SEMI-GLOSS ACRYLIC WOOD-0123 WHITE MORNING OR AMV EQUIVALENT PRODUCT

 Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PREPARED BY: PROJECT TITLE:	CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	PROJECT TITLE:	ENDORSED BY:  JOEVELLE B. VERGARA, EMD CAMPUS DIRECTOR	CHECKED BY:  ENGR. EDMUNDO M. MARQUEZ PRON DIRECTOR	RECOMMENDING APPROVAL:  ROSALINDA S. TUMILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  NORBERTO P. MANALAYAN, PH.D. SUC PRESIDENT	DESIGNED BY:  LEONILDA R. ARCE CHAIRMAN, DESIGNATION	CHECKED BY:  LEONILDA R. ARCE CHAIRMAN, DESIGNATION	OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT	LOCATION: CHANLUNGAN, CAMPUS NEGROS OCCIDENTAL	SHEET NO. A-16	SHEET NO. A-16
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**2 KEY FLOOR PLAN (GROUND)**  
SCALE 1:300 METERS



**3 BLOW-UP FLOOR FINISHES PLAN (GROUND)**  
SCALE 1:50 METERS



**1 NORMAL PERSPECTIVES**  
SCALE NOT TO SCALE

SCHEDULE OF WALL FINISHES	
CODE	DESCRIPTION
WF1	WALL FINISHED 1 DECORATIVE MIRROR AS ACCENT DESIGN OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)
WF2	WALL FINISHED 2 WALL COVERED FINISH CHB, PAINTED WITH TILE WHITE MEDIUM PEBBLE FROM OFFICE
WF3	WALL FINISHED 3 GLAZED PORCELAIN TILES AS ACCENT DESIGN FOR WALL ON ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)

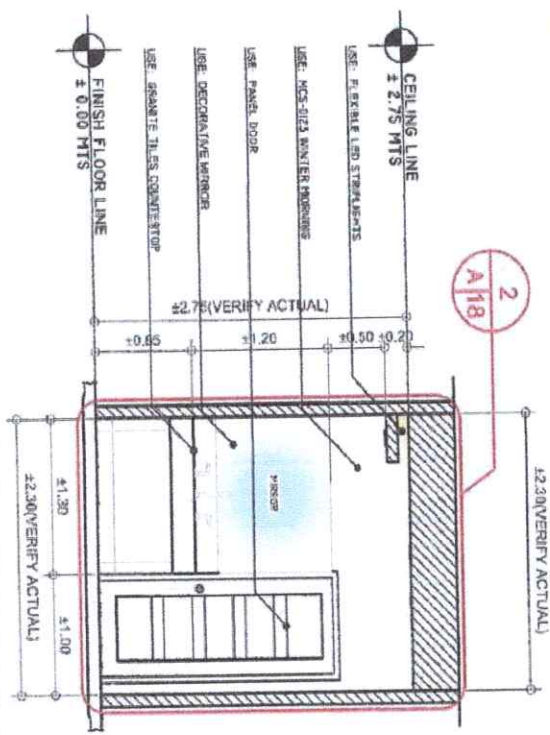
SCHEDULE OF FLOOR FINISHES	
CODE	DESCRIPTION
FF1	FLOOR FINISHED 1 60X120 POLYURETHAN TILES AS ACCENT DESIGN FOR FLOOR OR ANY EQUIVALENT MATERIAL (VERIFY FROM OFFICE)

HATCH LEGEND	
	EXISTING CHB WALL
	EXISTING COLUMN
	NEW CHB WALL
	GLAZC FLANTED COLUMN
	GLAZC STIFFENER COLUMN

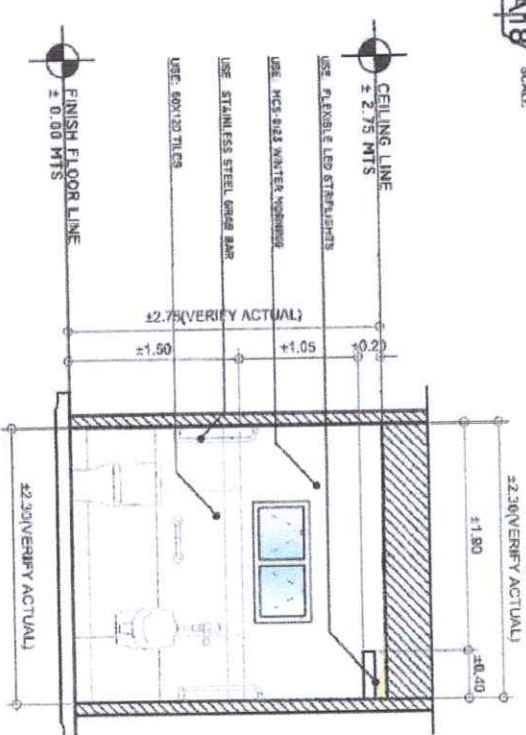
 <b>REPUBLIC OF THE PHILIPPINES</b> <b>CARLOS HILADO MERONAL</b> Negros Occidental	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOEVELLE B. VERGARA, ED.D CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JUN-JUN MARADEZ CAMPUS DIRECTOR	<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TUVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANGULABNAN, PH.D SUD PRESIDENT III	<b>DESIGNER:</b>  ENGR. JUN-JUN MARADEZ LEADER OF THE PROJECT SHEET NO. <b>A-17</b>
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT	LOCATION: CARLOS HILADO MERONAL CAMPUS NEGROS OCCIDENTAL					



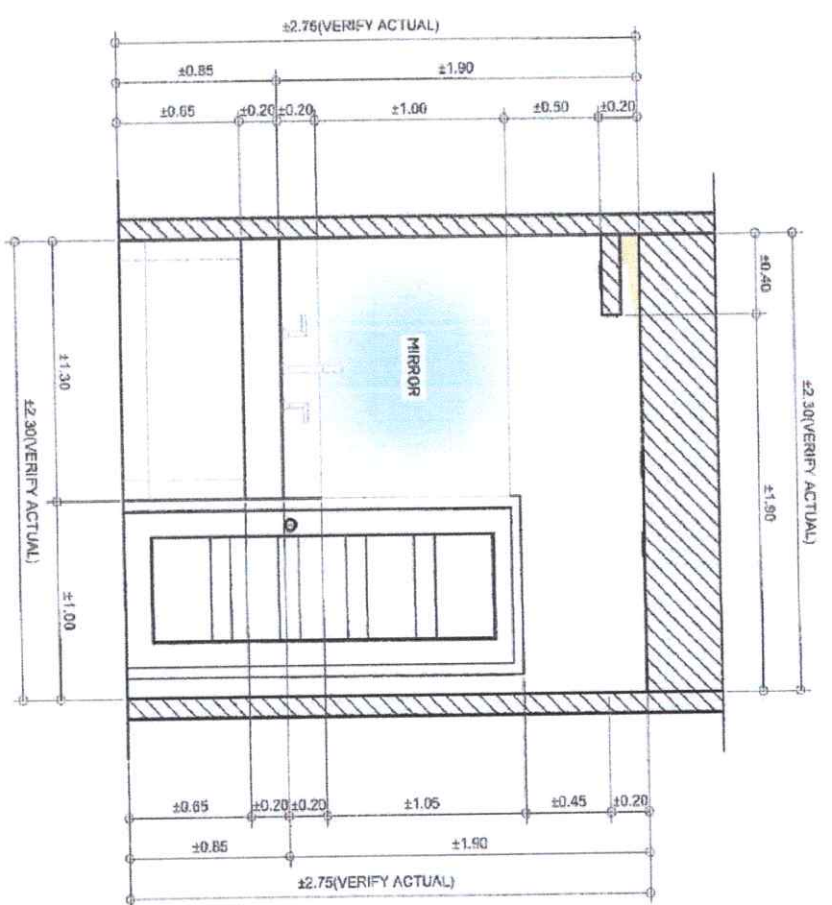
2  
A18



1  
A18  
SCALE  
GROUND FLOOR FINISHES PLAN SECTION-A (GROUND)  
1.30 METERS



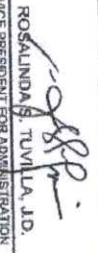





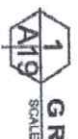
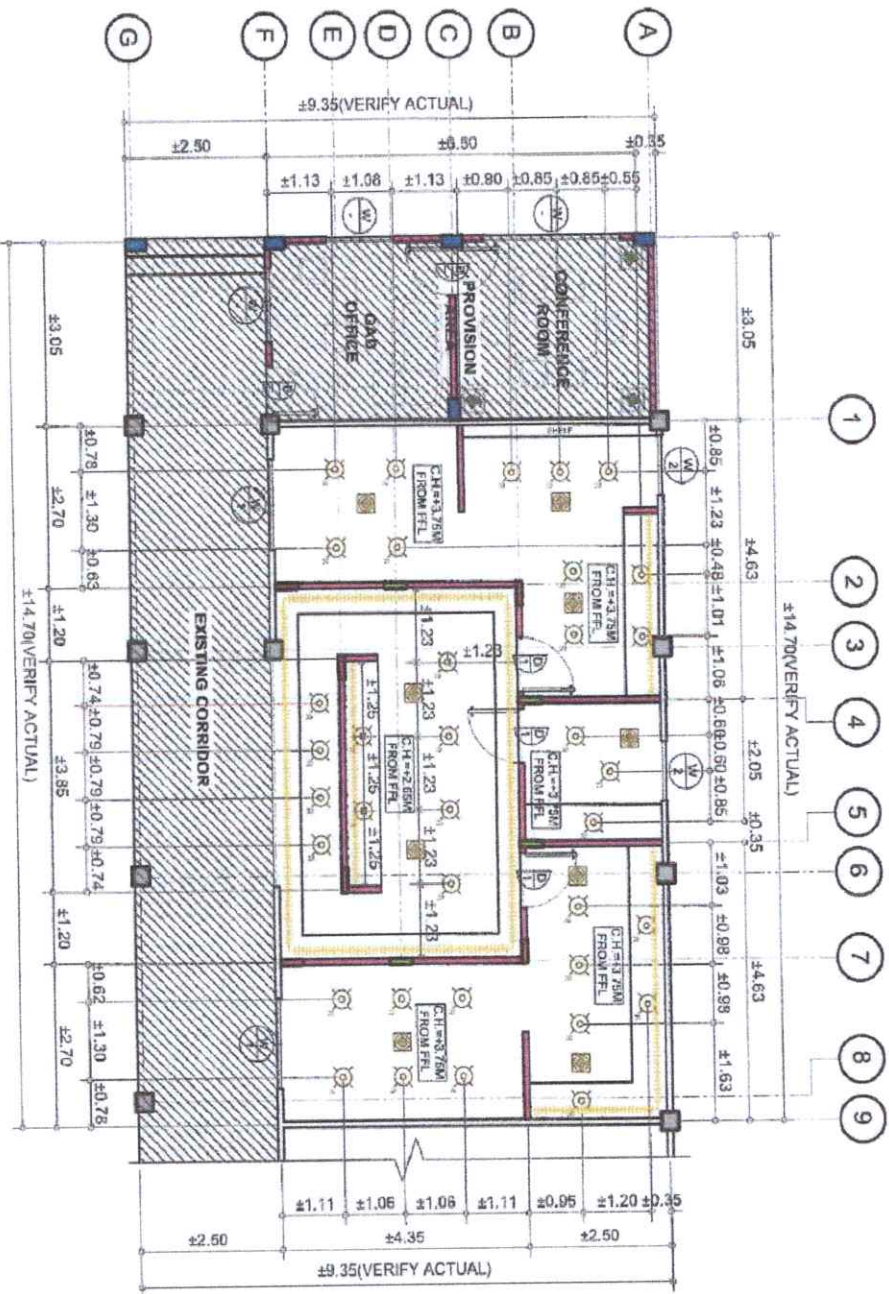
1  
A18  
SCALE  
GROUND FLOOR FINISHES PLAN SECTION-B (GROUND)  
1.30 METERS






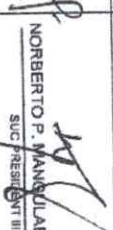
2  
A18  
SCALE  
GROUND FLOOR FINISHES PLAN SECTION-A (GROUND)  
1.30 METERS

CODE	DESCRIPTION
CF1	CEILING FINISHED 1 4.5mm thick, fire-rated cement board on metal framing, finished with 2 coats of white acrylic latex paint (K-5012) water marking or any equivalent product
CF2	CEILING FINISHED 2 4.5mm thick, fire-rated cement board on metal framing, finished with 2 coats of white acrylic latex paint (K-5012) water marking or any equivalent product

PREPARED BY:  Republic of the Philippines <b>CARLOS HILADO MEMORIAL</b> STATE UNIVERSITY Negros Occidental	PROJECT TITLE: <b>CONVERSION OF          BIOLOGY LABORATORY          INTO ALL GENDER          RESTROOM</b>	ENDORSED BY:  <b>JOSEVILLE B. VERGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY: <b>ENGR. JIM-LIN MARQUEZ</b> PRDML DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. TUVILLA, J.D.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO F. MANGALABAN, Ph.D.</b> SUC PRESIDENT III	DESIGNER:  <b>ELMER B. BAYAN</b> ARCHITECT	CHECKED BY:  <b>EDWIN A. BACUNEL, LAM</b> CIVIL ENGINEER	SHEET NO. <b>A-18</b>
---	---	---	---	---	--	--	--	--------------------------



**GROUND FLOOR REFLECTED CEILING PLAN**  
SCALE 1:100 METERS

<b>PREPARED BY:</b>  Republic of the Philippines <b>CARLOS HILADO MERORIAL STATE UNIVERSITY</b> Negros Occidental	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOSEFELLE B. VERGARA, EdD CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENRIQUE JUN-JUN MARQUEZ PRON DIRECTOR	<b>RECOMMENDING APPROVAL:</b> ROSALINDA S. TUVILLA, EdD VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANUELABANAN, Ph.D SUC PRESIDENT III	<b>DRAWN BY:</b> LEO M. LACAYAN JR. LEO M. LACAYAN JR. CIVIL ENGINEER SHEET NO. <b>A-19</b>
<b>OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</b>	<b>LOCATION:</b> CHRISTUS REDEMPTOR CAMPUS NEGROS OCCIDENTAL					



OFFICE OF THE PHYSICAL PLANT DEVELOPMENT  
AND MANAGEMENT

PREPARED BY:

Republic of the Philippines  
**CARLOS HILADO MERODIAL**  
**STATE UNIVERSITY**  
Maguindanao

**PROJECT TITLE:**

CONVERSION OF  
BIOLOGY LABORATORY  
INTO ALL GENDER  
RESTROOM

ENDORSED BY:

JOVELLE B. VERGARA EdD  
CAMPUS DIRECTOR

CHECKED BY:

EMISER. JUAN MARQUEZ  
PPDM DETECTOR

RECOMMENDING APPROVAL:

ROSALINDA SHIVILLA, J.D.  
VICE PRESIDENT FOR ADMINISTRATION

APPROVED BY:

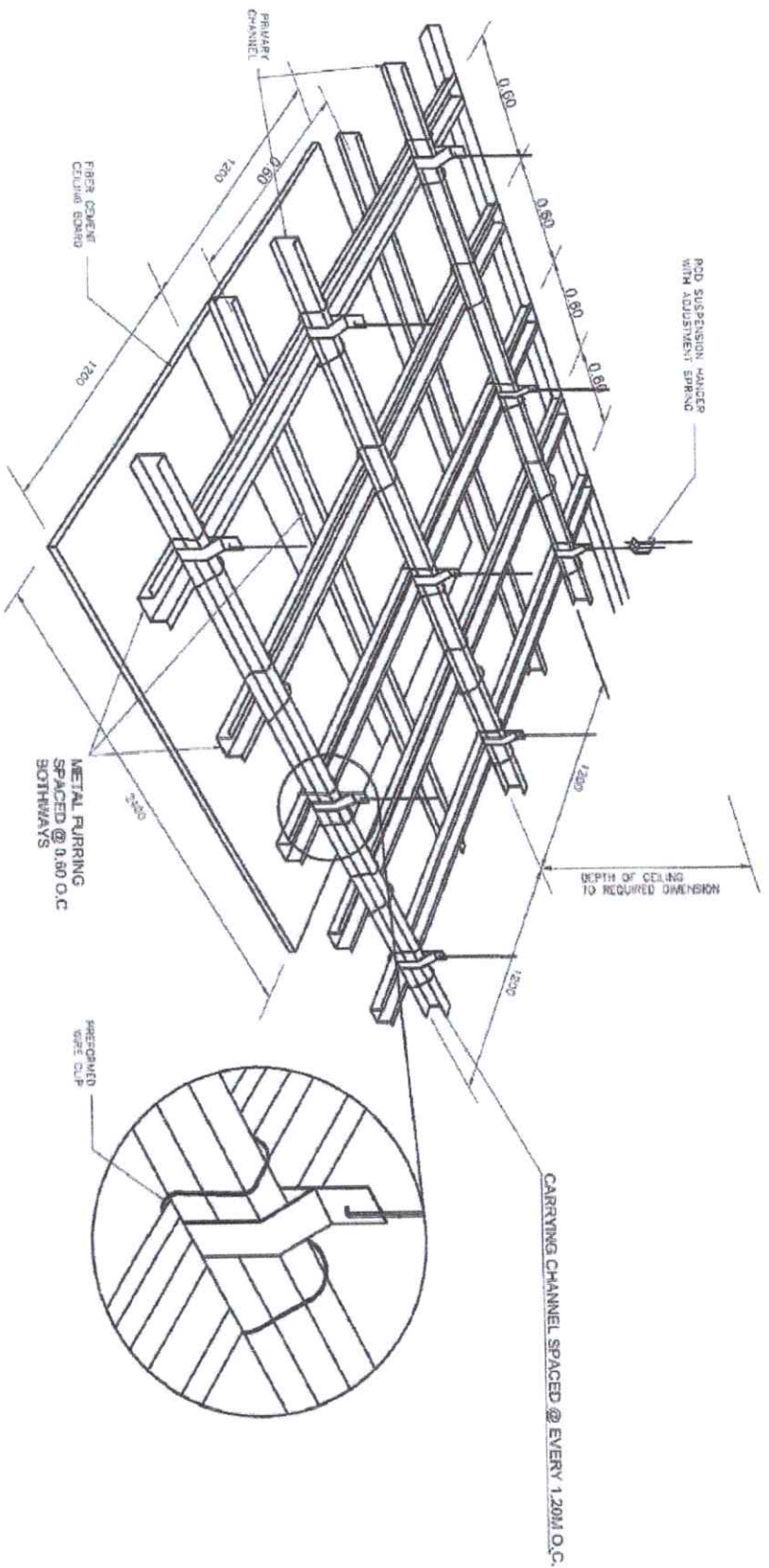
**NORBERTO P. MANGULABNAN, Ph.D.**  
**SUC-PREIDENT III**

~~DRAWING BY~~






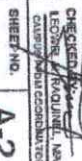

ELIOT, EDWARD JR.  
CAUSE: DRAFTSMAN

CHECKED BY:	
COORDINATOR, MAT	
CAMERAS FROM COORDINATOR	
SHEET NO.	A 20

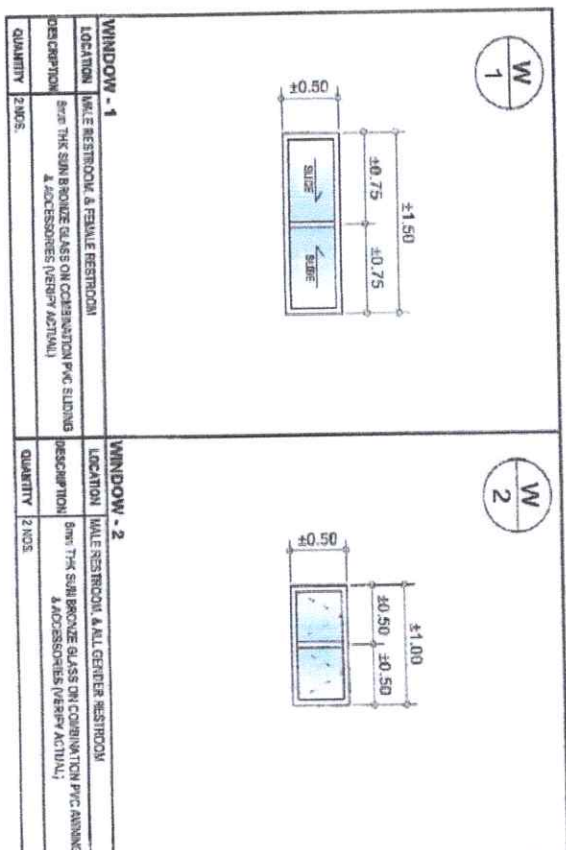
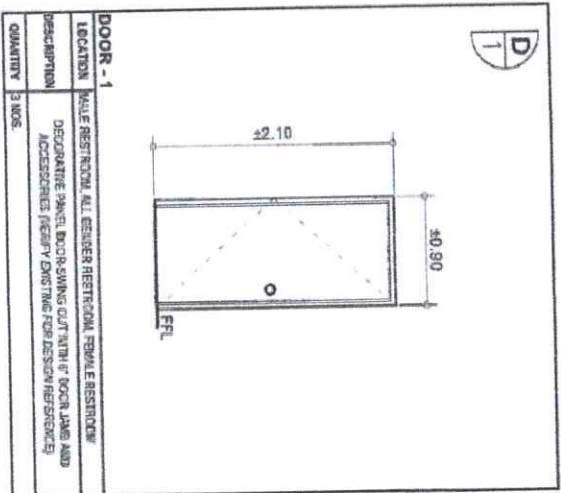
A-20



1  
A-21 SCALE  
TYPICAL FRAMING DETAIL  
NOT TO SCALE



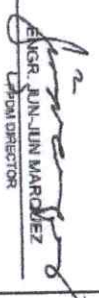
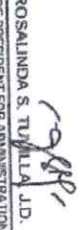
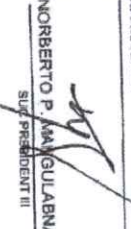
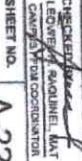
 Republic of the Philippines <b>CARLOS HILADO MEROLIAL</b> STATE UNIVERSITY Negros Occidental	PREPARED BY:	PROJECT TITLE: <b>CONVERSION OF          BIOLOGY LABORATORY          INTO ALL GENDER          RESTROOM</b>	ENDORSED BY:  <b>JOVELLE B. VERGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENGR. JOY JIAN MARQUEZ</b> FTDA DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. TIVILLA, J.D.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO P. MANUELABANAN, Ph.D.</b> SUC PRESIDENT II	DRAWN BY:  <b>ELMER P. MARTIN</b> CHECKED BY:  <b>LEONARDO A. RODRIGUEZ, M.A.T.</b> SHEET NO.	OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT	LOCATION: CINCOSANTALAN, CAMPUS NEGROS OCCIDENTAL	A-21
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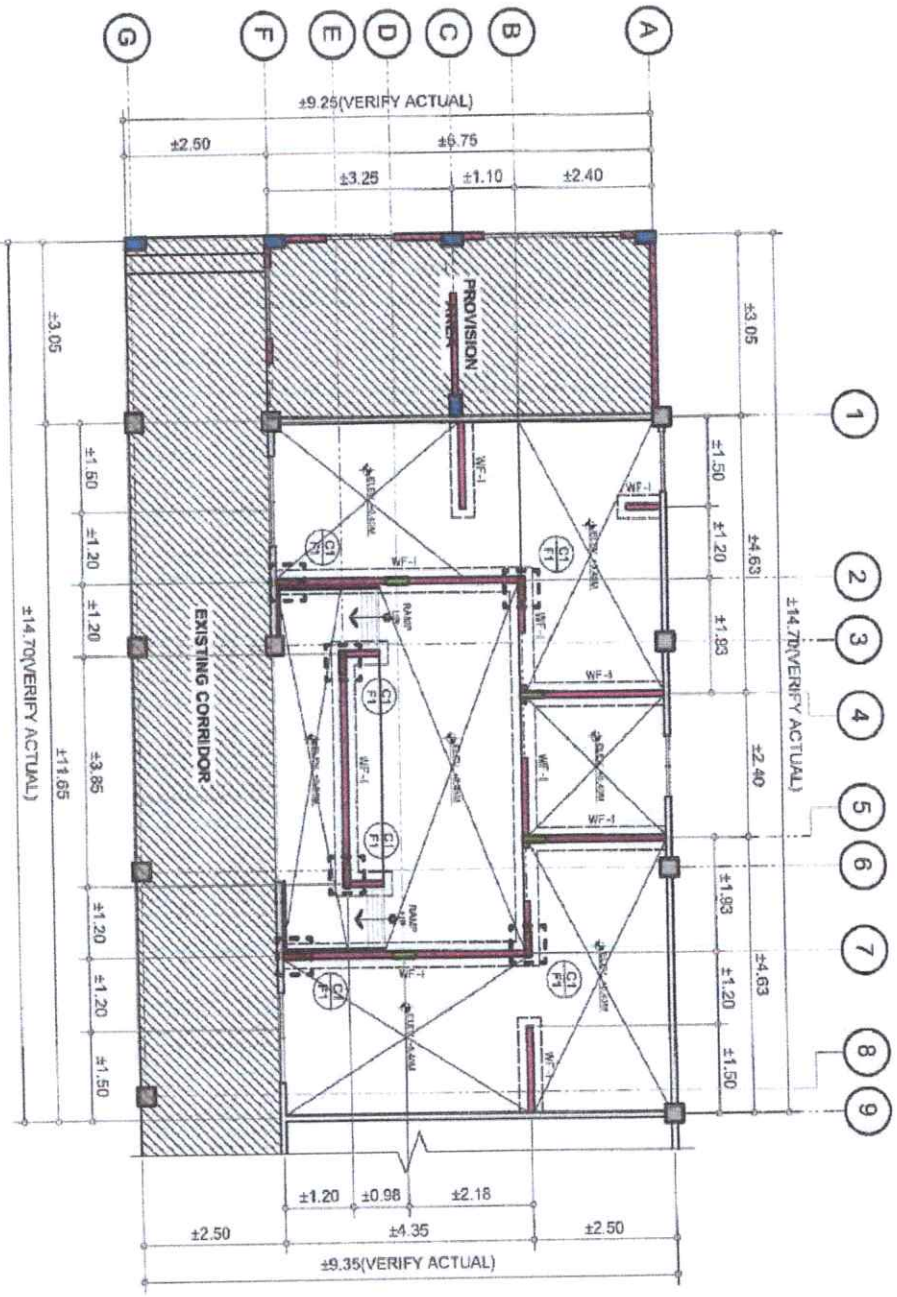




**1**  
**A-22**

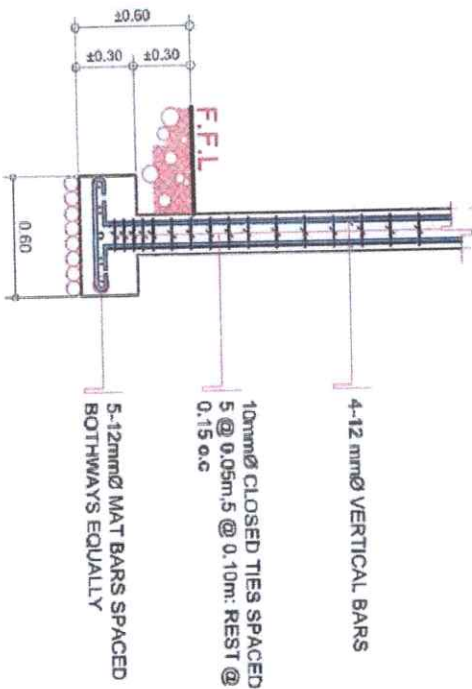
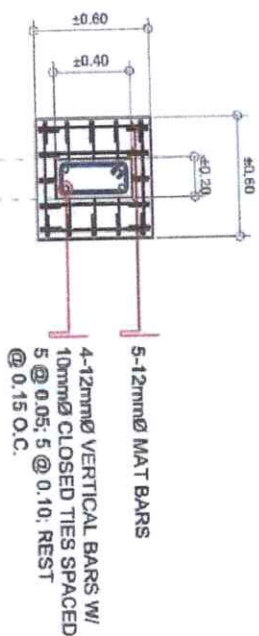
**SCHEDULE OF DOORS & WINDOWS**  
SCALE 1:100 METERS

<b>PREPARED BY:</b>  <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOSEVELLE B. MARGARA, EdD CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JUN-JUN MARGARIZ CAMPUS DIRECTOR	<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TULLA, J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MAGUIABANAN, Ph.D. SUFF. PRESIDENT III	<b>DRAWN BY:</b> ENGR. J. M. MARGARA, JR. ARCHITECT	<b>CHECKED BY:</b>  LEONARDO S. MAGUIABANAN CAMPUS DIRECTOR	<b>SHEET NO.</b> A-22
<b>OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT</b>								

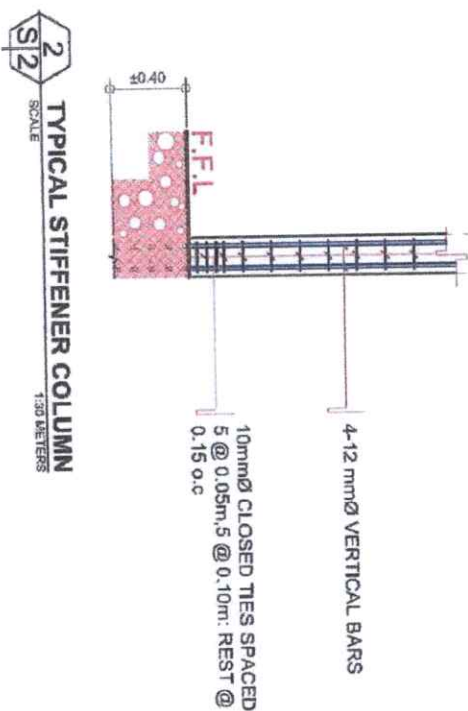
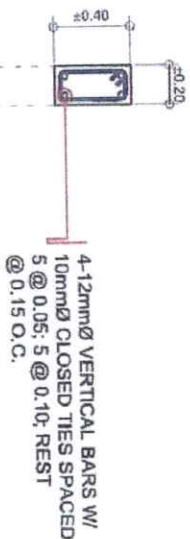


**1 FOUNDATION PLAN**  
SCALE 1:100 METERS

	<b>PREPARED BY:</b> Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOSEVELLE B. VERGARA, EMD CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JUAN JUAN MARRQUEZ PRON DIRECTOR	<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TUVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANGULABNAN, Ph.D. SUC. PRESIDENT III	<b>DR. KIM D. ELMORAN JR.</b> EL MONGE DIVISION <b>CHECKED BY:</b> TECHNICAL DIVISION CIVIL ENGINEERING DIVISION S-1
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT							



**1**  
SCALE 1:30 METERS  
**DETAIL OF C1-F1**



**2**  
SCALE 1:30 METERS  
**TYPICAL STIFFENER COLUMN**



Prepared by:  
**CARLOS HILADO MEMORIAL  
STATE UNIVERSITY**  
Negros Occidental

PROJECT TITLE:  
**CONVERSION OF  
BIOLOGY LABORATORY  
INTO ALL GENDER  
RESTROOM**

ENDORSED BY:  
*[Signature]*  
**JOSEVELLE B. MARGARA, EDD**  
CAMPUS DIRECTOR

CHECKED BY:  
*[Signature]*  
**ENGR. JIM JIN MARQUEZ**  
PRDM DIRECTOR

RECOMMENDING APPROVAL:  
*[Signature]*  
**ROSALINDAS T. TAYLOR, J.D.**  
VICE PRESIDENT FOR ADMINISTRATION

APPROVED BY:  
*[Signature]*  
**NORBERTO P. MANGULABNAN, Ph.D**  
SUC PRESIDENT III

DRAWN BY:  
*[Signature]*  
**ENGR. JIM JIN MARQUEZ**  
CHECKED BY:  
*[Signature]*  
**ENGR. JIM JIN MARQUEZ**  
SHEET NO. **S-2**








OFFICE OF THE PHYSICAL PLANT DEVELOPMENT  
AND MANAGEMENT

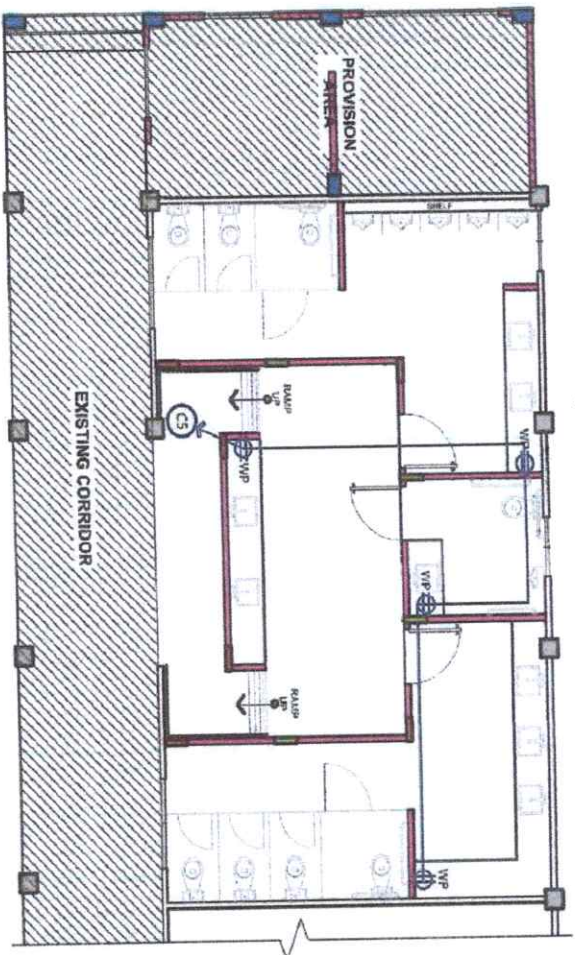
LOCATION:  
CHANGUSWALEGAN, CAMPUS  
NEGROS OCCIDENTAL



\* ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL CONFORM WITH THE LATEST APPROVED EDITION OF THE PHILIPPINE ELECTRICAL CODE, RULES AND REGULATIONS OF THE LOCAL AND NATIONAL AUTHORITIES CONCERNED IN THE IMPLEMENTATION OF ELECTRICAL LAWS AND ORDINANCES, THE LOCAL POWER COMPANY AND PLDT, CO.

- \* ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED TYPE FOR BOTH PURPOSE AND LOCATION INTENDED. ALL WIRES SHALL BE INSULATED FOR 600 VOLTS, TYPE TW OR THW.
- \* NO BRANCH OR CIRCUIT SHALL HAVE A LOAD OF MORE THAN 80% OF ITS RATING.
- \* ADEQUATE AND EFFECTIVE GROUNDING SHALL BE PROVIDED TO ALL METALLIC CONDUTITS, CABINET AND EQUIPMENTS.
- \* ALL SINGLE PHASE LOADS SHALL BE SO CONNECTED TO EFFECT A BALANCED SINGLE PHASE SYSTEM.
- \* ELECTRICAL SERVICE REQUIREMENT SHALL BE 220 VOLTS, SINGLE PHASE 60 HERTZ.
- \* WORKMANSHIP SHALL BE EQUAL TO THE BEST STANDARD PRACTICE RECOGNIZE AND ADOPTED FOR THIS TRADE.
- \* ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DUTY LICENSED ELECTRICAL ENGINEER.

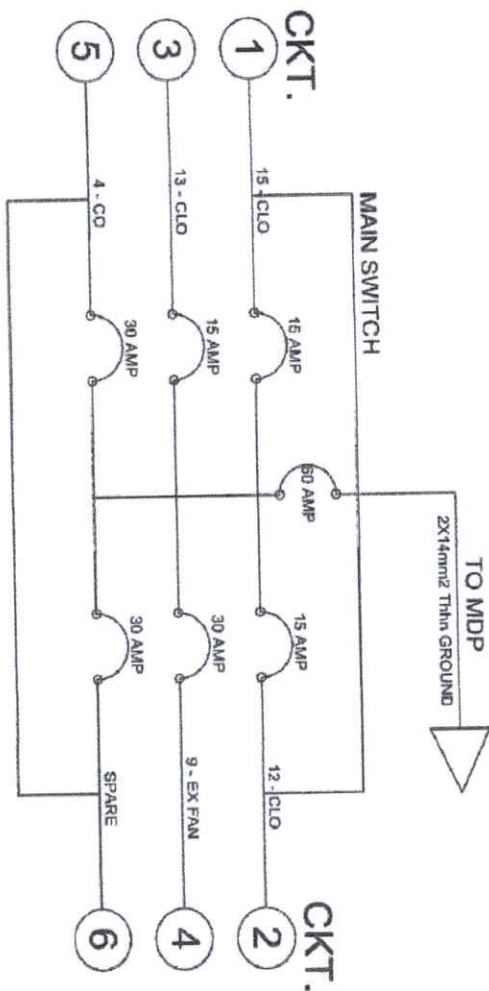
LEGEND	
	CONVEIENCE OUTLET
	DUPLEX CONVEIENCE OUTLET
	WATER PROOF CONV. OUTLET
	WATER HEATER OUTLET
	AIR CONDITION UNIT OUTLET
	CIRCUIT LINE
	MAIN DISTRIBUTION PANEL BOARD



SCALE 1:100 METERS

1:100 METERS





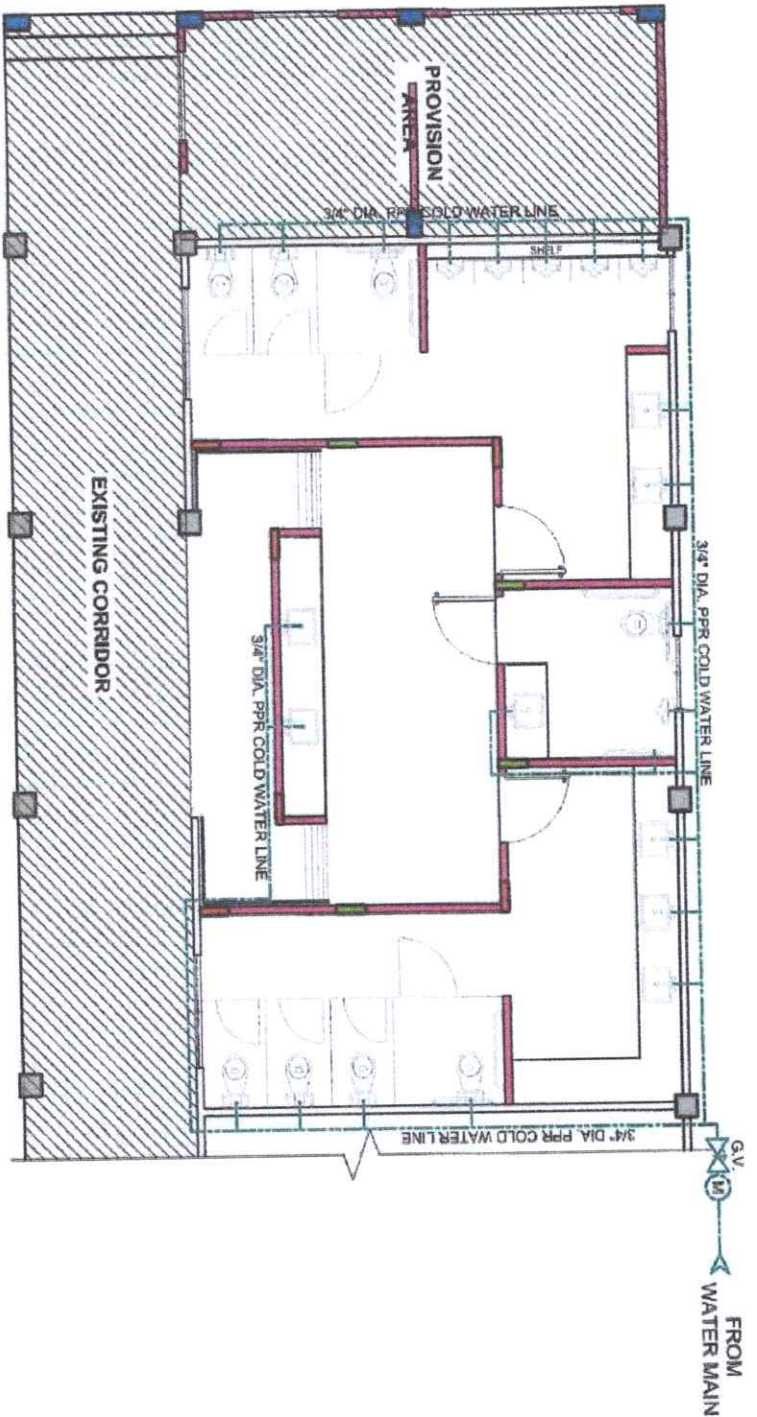
**PB-A SINGLE LINE DIAGRAM**  
SCALE: 1/2" = 1'-0"  
NOT TO SCALE

SCHEDULE OF LOADS		CURRENT		SIZE OF WIRE		PROTECTION
CIRCUIT NO.	DESCRIPTION	VA	VOLTS	AS BUS CA		
C1	15-LIGHTING FIXTURES	1600	230	3.0	2X14mm <sup>2</sup> TW in 15mm <sup>2</sup> PVC + 1-2.00mm <sup>2</sup> THIN GROUND WIRE	15A, 2P
C2	12-LIGHTING FIXTURES	1600	230	3.0	2X14mm <sup>2</sup> TW in 15mm <sup>2</sup> PVC + 1-2.00mm <sup>2</sup> THIN GROUND WIRE	15A, 2P
C3	13-LIGHTING FIXTURES	1600	230	3.0	2X14mm <sup>2</sup> TW in 15mm <sup>2</sup> PVC + 1-2.00mm <sup>2</sup> THIN GROUND WIRE	15A, 2P
C4	8-EXHAUST FAN FIXTURES	1600	230	7.3	2X14mm <sup>2</sup> TW in 15mm <sup>2</sup> PVC + 1-2.00mm <sup>2</sup> THIN GROUND WIRE	30A, 2P
C5	4-CONVENIENCE OUTLETS	1600	230	7.3	2X14mm <sup>2</sup> TW in 15mm <sup>2</sup> PVC + 1-2.00mm <sup>2</sup> THIN GROUND WIRE	30A, 2P
C6	SPARE		230	7.3		30A, 2P
TOTAL			230	30.9	2X14mm <sup>2</sup> TW in 15mm <sup>2</sup> PVC + 1-2.00mm <sup>2</sup> THIN GROUND WIRE	60A, 2P




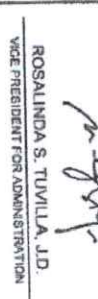

Design Analysis:

Size of Sub-Feeder Conductor:

PREPARED BY:  <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b>	ENDORSED BY:  <b>EVELLE B. VERGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENGR. JUN-JUN MARQUEZ</b> PRIN. DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. VILLALVA, J.D.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO P. MANGINABAN, PH.D.</b> SUC. PRESIDENT III	DRAWN BY:  <b>LEONARDO C. RADIEL</b> CIVIL ENGINEER	CHECKED BY:  <b>LEONARDO C. RADIEL</b> CIVIL ENGINEER	SHEET NO. <b>E-2</b>
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT NEGROS OCCIDENTAL								

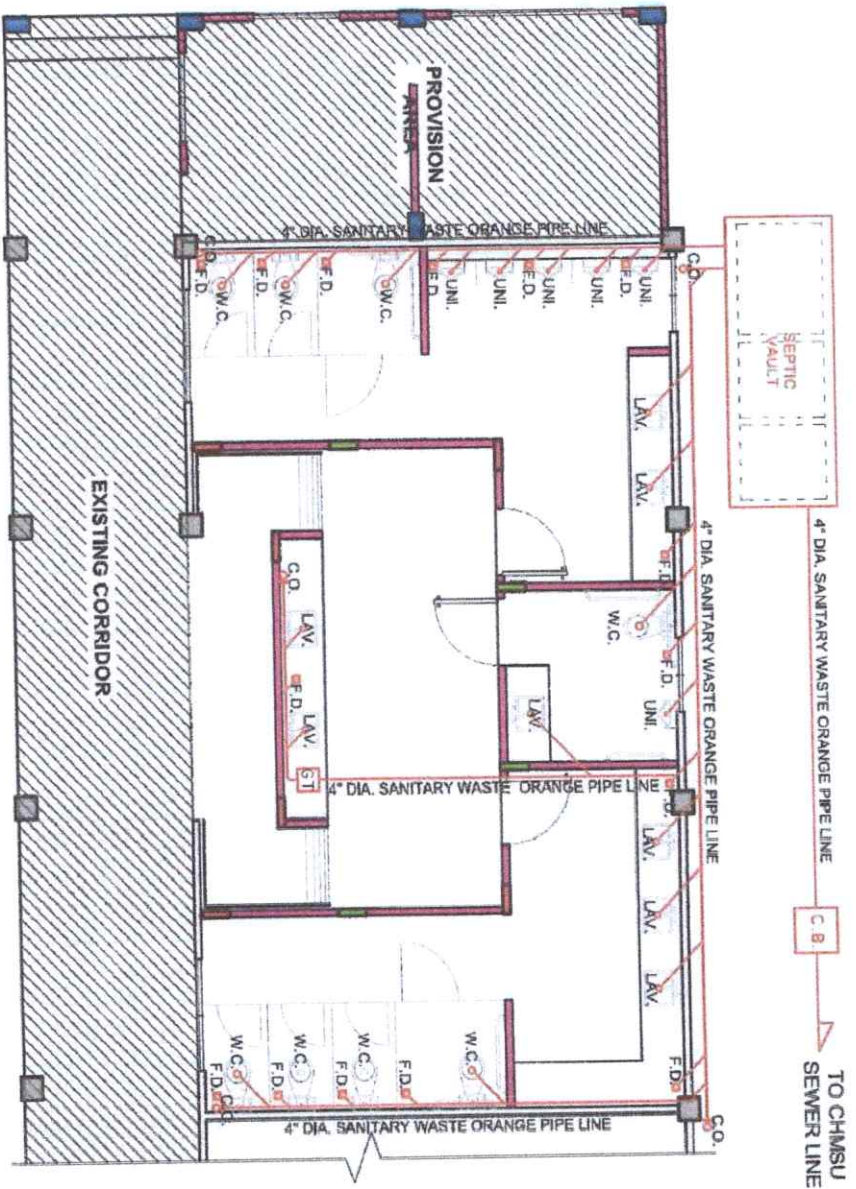


**1**  
GROUND FLOOR COLD WATER LINE LAYOUT  
SCALE 1:80 METERS  
**P1**



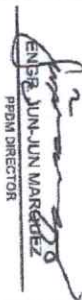
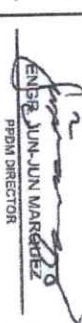
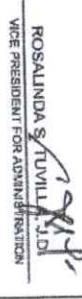
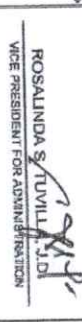

 Republic of the Philippines <b>CARLOS HILADO MEMORIAL</b> <b>STATE UNIVERSITY</b> Negros Occidental	<b>PROJECT TITLE:</b> CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM	<b>ENDORSED BY:</b>  JOVELLE B. VERGARA, EDD CAMPUS DIRECTOR	<b>CHECKED BY:</b>  ENGR. JIN-JIN MARQUEZ CHIEF ENGINEER	<b>RECOMMENDING APPROVAL:</b>  ROSALINDA S. TUVILA, J.D. VICE PRESIDENT FOR ADMINISTRATION	<b>APPROVED BY:</b>  NORBERTO P. MANABULABAN, Ph.D. SUC PRESIDENT III	<b>DRAWN BY:</b> E. L. MANABULABAN, JR. SUC PRESIDENT III <b>CHECKED BY:</b> L. L. MANABULABAN, JR. SUC PRESIDENT III <b>SHEET NO.</b> P-1
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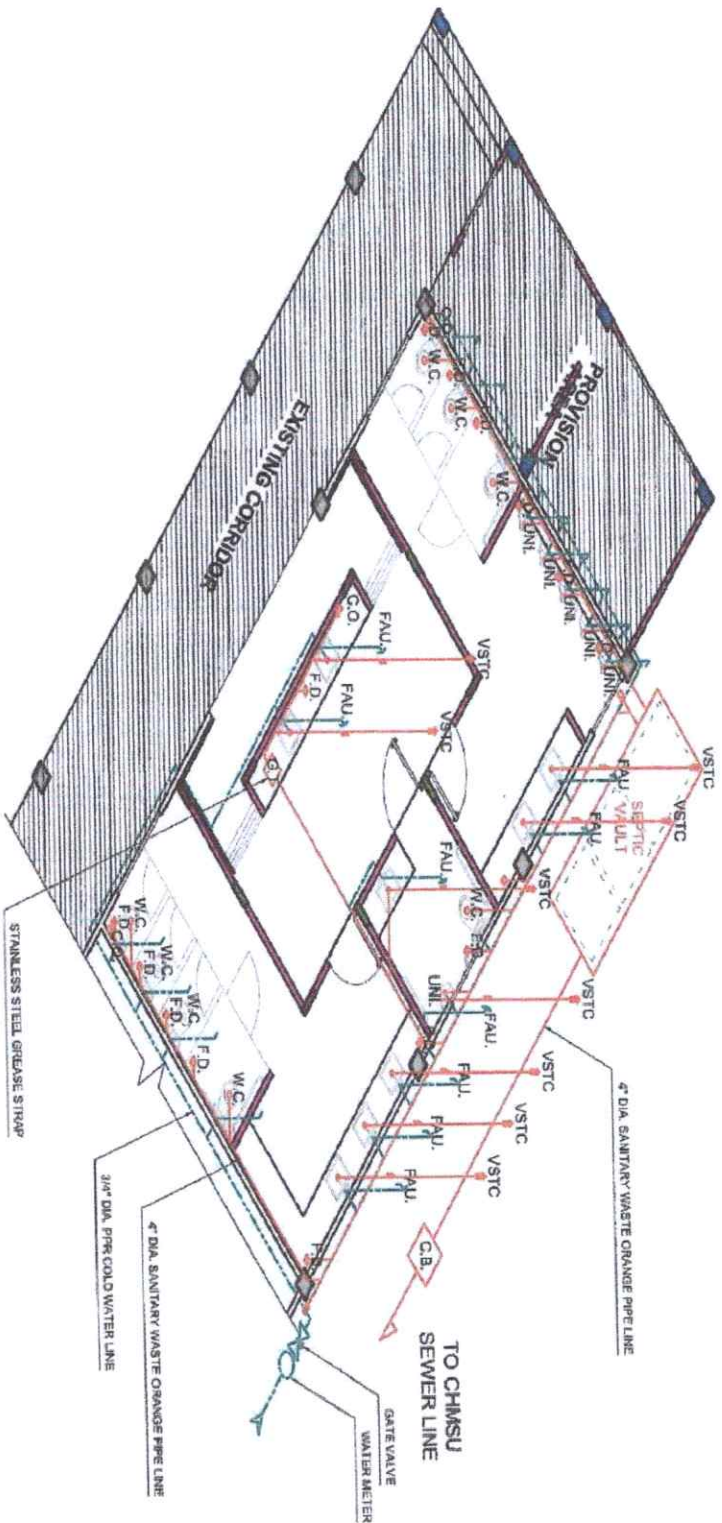
OFFICE OF THE PHYSICAL PLANT DEVELOPMENT AND MANAGEMENT








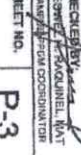
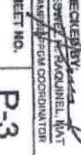


1  
P2  
SCALE  
GROUND FLOOR SANITARY LINE LAYOUT  
1:300 METERS

PREPARED BY:  Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b>	ENDORSED BY:  <b>JOVELLE B. MARGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENJES JUN-JUN MARGARIT</b> PRPA DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. TUILL</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO P. MANGLABANAN, Ph.D</b> VICE PRESIDENT III	DRAWN BY:  <b>LINDA M. MANGLABANAN</b> CIVIL ENGINEER	CHECKED BY:  <b>LINDA M. MANGLABANAN</b> CIVIL ENGINEER	SHEET NO. <b>P-2</b>
--	--	---	--	---	---	---	---	-------------------------




**GROUND FLOOR PLUMBING ISOMETRIC VIEW**  
 SCALE 1:80 METERS

 Republic of the Philippines <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PREPARED BY:	<b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b> CHASUMUNABAGA, CAMPUS NEGROS OCCIDENTAL	PROJECT TITLE:	 J. B. VERGARA, EMD CAMPUS DIRECTOR	ENDORSED BY:	 ENGR. JUNJUN MARTINEZ PPDN DIRECTOR	CHECKED BY:	 ROSALINDA S. TUVILLA, J.D. VICE PRESIDENT FOR ADMINISTRATION	RECOMMENDING APPROVAL:	 NORBERTO P. MANGULABNAN, Ph.D. SUCO PRESIDENT III	APPROVED BY:	DRAWN BY:  ENGINEER CHECKED BY:  ENGINEER SHEET NO. <b>P-3</b>	SHEET NO.
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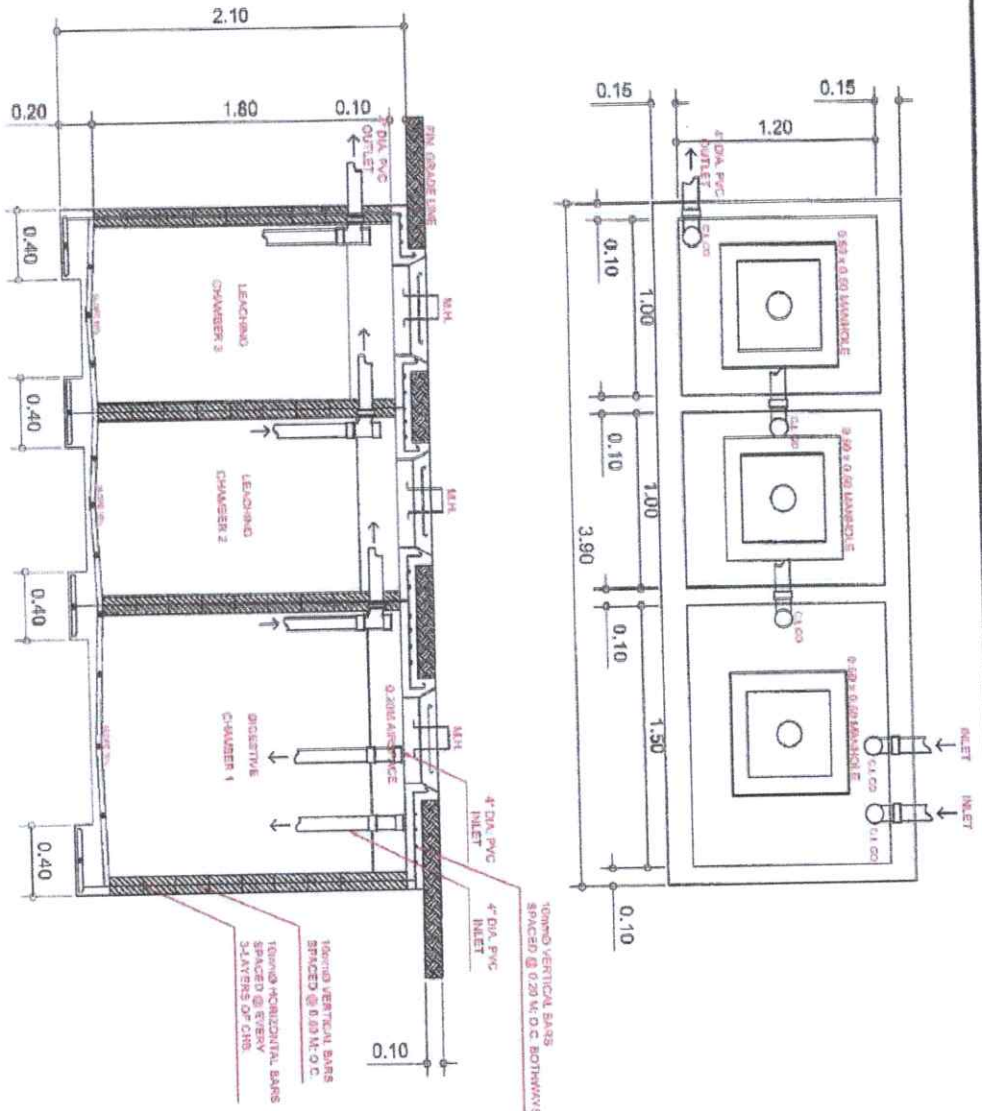
# GENERAL NOTES:



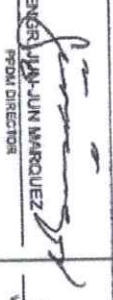
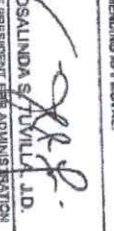


1. ALL PLUMBING WORKS SHALL CONFORM WITH THE PREVAILING REQUIREMENTS OF THE LOCAL ORDINANCES AND NATIONAL LAWS.
2. READ THE DRAWING IN CONNECTION WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS.
3. THE ARCHITECT AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND THEREIN.
4. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF EXISTING PIPES AND STRUCTURES.
5. TO CONFORM WITH THE PROPOSED SANITARY UTILITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED FLOOR AND WALL OPENINGS.
7. ALL PIPES SHALL BE INSTALLED AS INDICATED ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT AND THE ENGINEER.
8. ALL PIPE SIZES INDICATED ARE INCHES IN DIAMETER, UNLESS OTHERWISE NOTED.
9. ALL UNDERGROUND G.I. WATER PIPES SHALL BE COATED WITH TWO (2) LAYER OF ASPHALT WITH JUTE SACK.
10. ALL WATER PIPES SHALL BE PROVIDED WITH 30 CM PIPE EXTENSION AND CAPPED AT THE END.
11. ALL WATER PIPES SHALL BE HYDROSTATIC ALLY TESTED TO A PRESSURE OF 1034 KPa FOR TWO (2) HOURS MINIMUM.
12. ALL WATER PIPES AND WATER TANKS SHALL BE THOROUGHLY FLUSHED AND DISINFECTED.
13. ALL SANITARY AND STORM DRAINAGE PIPES SHALL BE HYDROSTATIC ALLY TESTED (© LEAST 3.00 M HIGH) TO ENSURE THAT THE SYSTEM ARE WATER TIGHT.
14. WORKMANSHIP: THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST AND MOST THOROUGH MANNER KNOWN TO TRADE AND TO THE SATISFACTION OF THE ARCHITECT AND THE ENGINEER.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL GOVERNMENT/LOCAL CONSTRUCTION AND OPERATION PERMITS AND PAY ALL THE REQUIRED FEES AND REQUIRED TO PROVIDE THE AS-BUILT PLAN.
16. REFER TO TECHNICAL SPECIFICATION FOR DETAILED MATERIALS & EQUIPMENT SPECIFICATIONS.

## LEGEND:

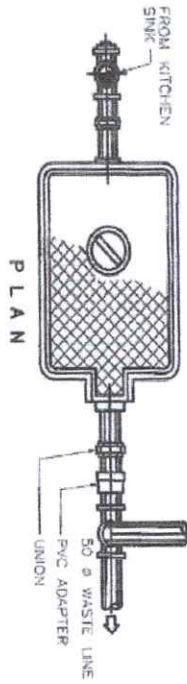
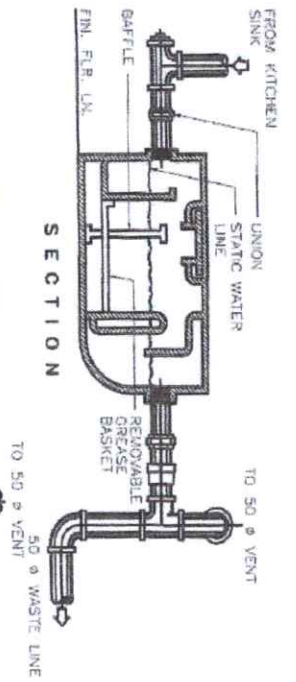
SP	SEWAGE LINE	ADC	AREA DRAIN CATCH BASIN
SS	VENT LINE	CB	CATCH BASIN
WP	SOL. PIPE	CV	COLD WATER LINE (CWL)
VS	WASTE STACK	CV	GATE VALVE
VS	VENT STACK	HB	HOSE BIBB
VS	VENT STACK	MH	MANHOLE
VS	VENT STACK	RI	RISER UP
VS	VENT STACK	SL	SLOPE
VS	VENT STACK	CO	CLEANOUT
VS	VENT STACK	DS	DOWNSPOUT
VS	VENT STACK	PT	PNEUMATIC TANK

1  
P4  
SCALE  
TYPICAL SEPTIC VAULT DETAIL  
NOT TO SCALE

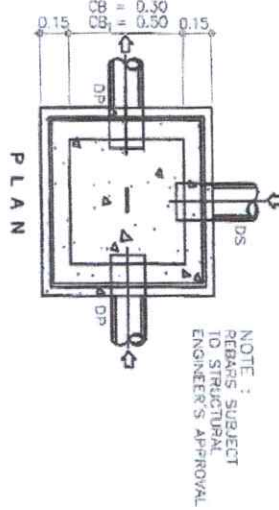
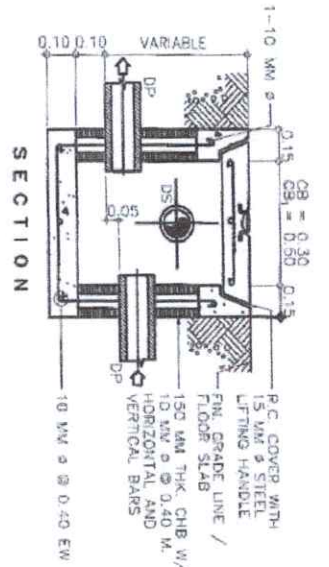


PREPARED BY:  <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b>	ENGINEERED BY:  <b>DOVELLE B. VERGARA, EDD</b> CAMPUS DIRECTOR	CHECKED BY:  <b>ENGR. JUN MARQUEZ</b> PPD-1 DIRECTOR	RECOMMENDING APPROVAL:  <b>ROSALINDA S. VILLALVA, JD.</b> VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  <b>NORBERTO F. MANGULABNAN, PhD</b> VICE PRESIDENT III	DRAWN BY:  <b>LEO DELA CRUZ</b> LEAD ARCHITECT, UAT CHARGED ARCHITECT/CONSULTANT	SHEET NO. <b>P-4</b>
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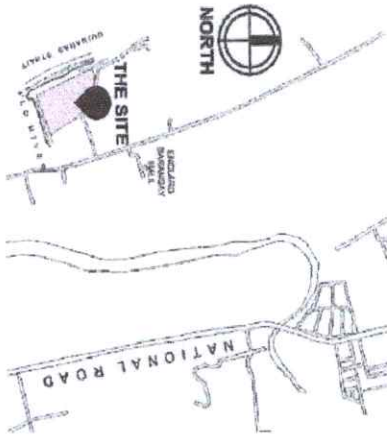




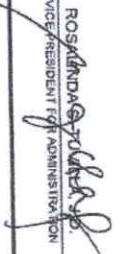
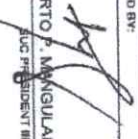
2 TYPICAL GREASE TRAP DETAIL  
SCALE: NOT TO SCALE



3 TYPICAL CATCH BASIN DETAIL  
SCALE: NOT TO SCALE

1 SITE VICINITY MAP  
SCALE: NOT TO SCALE



PREPARED BY:  <b>CARLOS HILADO MEMORIAL STATE UNIVERSITY</b> Negros Occidental	PROJECT TITLE: <b>CONVERSION OF BIOLOGY LABORATORY INTO ALL GENDER RESTROOM</b> LOCATION: CHANU-SINABAGAN, CAMPUS NEGROS OCCIDENTAL	ENDORSED BY:  JOAQUIN B. VERGARA, EDD CAMPUS DIRECTOR	CHECKED BY: ENGR. JUN-JUN MARQUEZ PRDM DIRECTOR	RECOMMENDING APPROVAL:  ROSALINDA P. TOLOSA VICE PRESIDENT FOR ADMINISTRATION	APPROVED BY:  NORBERTO P. MANGULABNAN, PH.D. VICE PRESIDENT III	DRAWN BY: LEONARDO M. MANTUA CHECKED BY: LEONARDO M. MANTUA SHEET NO. <b>P-5</b>
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**CARLOS HILADO MEMORIAL STATE UNIVERSITY**  
**BIDS AND AWARDS COMMITTEE**  
Talisay City, Negros Occidental

**PROJECT REFERENCE No.: CHMSU 25-009-0331-I**

**I. PROJECT TITLE: Conversion of Biology Laboratory Into All Gender Restroom**

**II. PROJECT LOCATION: CHMSU-Binalbagan Campus**

**III. SUBJECT: PROGRAM OF WORKS**

**IV. SCOPE OF WORKS**

**1.0 GENERAL REQUIREMENTS**

- 1.1 Mobilization and Demobilization
- 1.2 Safety Occupational hazards
- 1.3 Site Clearing , Cleaning and Hauling
- 1.4 Scaffolding & Formworks
- 1.5 Earthworks, excavation, backfilling and compaction
- 1.6 Demolition of walls and counter, Removal of existing windows and doors, and Chipping of walls and concrete floor  
(See A-3 & A-4 Plan Details)

**2.0 STRUCTURAL & MASONRY WORKS**

- 2.1 Rebars installation and concreting of Footing, columns, and floor slab
- 2.2 Rebars installation and concreting of wall footing and stiffener columns
- 2.3 CHB wall installation and plastering (See A-3 to A-18 Plan Details)
- 2.4 Rebars installation and concreting of concrete counter
- 2.5 Construction of Septic Vault including plastering, finishing and water proofing

**3.0 ARCHITECTURAL WORKS**

**3.1 Carpentry Works**

- 3.1.1 Fabrication & Installation:
- 3.2.2 Panel Doors & Partition Walls for Bathroom (See A-4 to A-18 Plan Details)

**3.2 Glass Works**

- 3.2.1 Fabrication & Installation:
- 3.2.2 Windows (See A-22 Plan Details)

**3.3 Ceiling Works**

- 3.3.1 Ceiling Design (See A5 to A-21 Plan Details)

**3.4 Tile Works**

- 3.4.1 Floor, Wall, Counter & Lavatory Sink Tiles (See A-4 to A-18 Plan Details)

**3.5 Painting Works**

- 3.5.1 Surface Preparation, Primer, & Double Top Coating for Exterior & Interior Walls, Columns, & Ceiling (See A-4 to A-18 Plan Details)

**3.6 Signage Works**

- 3.6.1 Fabrication & Installation:
- 3.6.2 Signage Design for Male, Female, All Gender & PWD (See A-7 Plan Details)

**4.0 ELECTRICAL WORKS**

**4.1 Installation:**

- 4.1.1 Lighting & Switch Luminaires (See E-1 to E-2 Plan Details)
- 4.1.2 Convenience Outlet (See E-1 to E-2 Plan Details)
- 4.1.3 Ceiling Exhaust Fan & Wall Emergency Light (See E-1 to E-2 Plan Details)
- 4.1.4 Panel Board (See E-1 to E-2 Plan Details)
- 4.1.5 Installation of Electrical Wirings
- 4.1.6 Testing and commissioning of all system

**5.0 SANITARY/PLUMBING WORKS**

**5.1 Installation:**

- 5.1.1 Water Closet, Lavatory, Urinals, Fixtures & Accessories (See P-1 to P-3 Plan Details)
- 5.1.2 Cold Water Line (See P-1 & P-3 Plan Details)
- 5.1.3 Sanitary Line (See P-2 & P-3 Plan Details)
- 5.1.4 Septic Vault (See P-2 to P-4 Plan Details)
- 5.1.5 Grease trap and catch basin

6.0 MISCELLANEOUS WORKS								
PROJECT DURATION: 60 Calendar Days								
BILL OF QUANTITIES - BOQ								
Item no.	Description of Works	Qty	Unit	Material Cost		Labor Cost		Total Amount
				Unit Cost	Material Sub-total Cost	Unit Cost	Labor Sub-Total Cost	Contract
1.0	GENERAL REQUIREMENTS							
1.1	Mobilization and Demobilization	1.00	Lot					
1.2	Safety Occupational hazards	1.00	Lot					
1.3	Site Clearing , Hauling and Grubbing	1.00	Lot					
1.4	Scaffolding & Formworks	1.00	Lot					
1.4	Earthworks, excavation, backfilling and compaction	1.00	Lot					
1.5	Demolition of walls and counter, Removal of existing windows and doors, and Chipping of walls and concrete floor (See A-3 & A-4 Plan Details)	1.00	Lot					
	Sub-total, 1.0 (GENERAL REQUIREMENTS)			Sub-total	-	Sub-total	-	P -
2.0	STRUCTURAL & MASONRY WORKS							
2.1	Rebars installation and concreting of Footing, columns, and floor slab							
2.1.1	40 kg Cement	12.00	bags					
2.1.2	3/4" Gravel	1.50	cu.m					
2.1.3	Mixing Sand	1.00	cu.m					
2.1.4	12mmØ x 6m deformed bars	20.00	lengths					
2.1.5	10mmØ x 6m deformed bars	22.00	lengths					
2.1.6	#16 G.I. Tie wires	7.00	kilos					
2.1.7	Assorted concrete nails	2.00	kilos					
2.1.8	Assorted C.W. nails	2.00	kilos					
2.1.9	4"Ø steel cutting disc	3.00	pcs					
2.2	Rebars installation and concreting of wall footing and stiffener columns							
2.2.1	40 kg Cement	26.00	bags					
2.2.2	3/4" Gravel	3.00	cu.m					
2.2.3	Mixing Sand	1.50	cu.m					
2.2.4	12mmØ x 6m deformed bars	10.00	lengths					
2.2.5	10mmØ x 6m deformed bars	12.00	lengths					
2.2.6	#16 G.I. Tie wires	3.00	kilos					
2.2.7	Assorted concrete nails	2.00	kilos					
2.2.8	Assorted C.W. nails	2.00	kilos					
2.3	CHB wall installation and plastering (See A-3 to A-18 Plan Details)							
2.3.1	40 kg Cement	95.00	bags					
2.3.2	Mixing Sand	4.00	cu.m					
2.3.3	Fine Sand	3.00	cu.m					
2.3.4	4" Concrete hollow blocks	1,100.00	pcs					
2.3.5	10mmØ x 6m deformed bars	16.00	lengths					
2.3.6	#16 G.I. Tie wires	3.00	kilos					
2.3.7	Assorted concrete nails	1.00	kilos					
2.3.8	Assorted C.W. nails	1.00	kilos					
2.4	Rebars installation and concreting of concrete counter							
2.4.1	40 kg Cement	10.00	bags					
2.4.2	3/4" Gravel	1.00	cu.m					
2.4.3	Mixing Sand	0.50	cu.m					
2.4.4	10mmØ x 6m deformed bars	14.00	lengths					
2.4.5	#16 G.I. Tie wires	1.00	kilos					
2.4.6	Assorted concrete nails	1.00	kilos					
2.4.7	Assorted C.W. nails	1.00	kilos					
2.5	Construction of Septic Vault including plastering, finishing and water proofing							
2.5.1	40 kg Cement	51.00	bags					



2.5.2	3/4" Gravel	3.00	cu.m					
2.5.3	Mixing Sand	2.50	cu.m					
2.5.4	Fine Sand	1.00	cu.m					
2.5.5	4" Concrete hollow blocks	320.00	pcs					
2.5.6	10mmØ x 6m deformed bars	16.00	lengths					
2.5.7	#16 G.I. Tie wires	1.00	kilos					
2.5.8	Assorted concrete nails	2.00	kilos					
2.5.9	Assorted C.W. nails	2.00	kilos					
2.5.10	Sahara cement	15.00	packs					
	Sub-total, 2.0 (STRUCTURAL & MASONRY WORKS)			Sub-total	-	Sub-total	-	P -
3.0	ARCHITECTURAL WORKS							
3.1	Carpentry Works							
3.1.1	Panel Doors with door jamb & Accessories (See A-22 Plan Details)	3.00	Unit					
3.1.2	12mm thick Compact Phenolic Board with complete mounting accessories and lockset for Cubicle partitions, Cubicle Doors, Toilet shelves, and Urinal Partition (See A-9 & A-13 Plan Details)	1.00	Lot					
3.1.3	Indoor Fluted Panel WPC & Accessories With Wall Panel Adhesive 295x25mm (See A-6 Plan Details)	25.00	Pcs					
	Sub-total, 3.1 (Carpentry Works)							
3.2	Glass Works							
3.2.1	Sliding Window-1 (1.5mx0.50m) & Accessories (See A-22 Plan Details)	2.00	Unit					
3.2.2	Awning Window-2 (1.0mx0.50m) & Accessories (See A-22 Plan Details)	2.00	Unit					
3.2.3	Decorative Mirror Panel 4x8' & Accessories With Wall Panel Adhesive (See A-4 to A-18 Plan Details)	6.00	Pcs					
	Sub-total, 3.2 (Glass Works)			Sub-total	-	Sub-total	-	P -
3.3	Ceiling Works							
3.3.1	Fiber Cement Board 3.5mm Thk.	37.00	Pcs					
3.3.2	Assorted Nails Size #1 #2 #3 #4	10.00	Kg					
3.3.3	Double Furring 1"X2"X16' 0.5mm	103.00	Pcs					
3.3.4	Carrying Channel 1"X2"X16', 0.8mm	23.00	Pcs					
3.3.5	Wall angle	17.00	Pcs					
3.3.6	Welding Rod	2.00	Kg					
3.3.7	Metal Cutting Discs	10.00	Pcs					
3.3.8	Blind Rivets 3/16X1/2	4.00	Box					
	Sub-total, 3.3 (Ceiling Works)			Sub-total	-	Sub-total	-	-
3.4	Tile Works							
3.4.1	Matte Tiles 60x120cm (See A-4 to A-18 Plan Details)	218.00	pcs					
3.4.2	Granite Tiles Black Galaxy 80x180cm (See A-4 to A-18 Plan Details)	8.00	Pcs					
3.4.3	Tile Adhesive 25kg	45.00	Bags					
	Sub-total, 3.4 (Tile Works)			Sub-total	-	Sub-total	-	-
3.5	Painting Works							
3.5.1	Surface Preparation, Primer, & Double Top Coating (Interior & Exterior Walls, Columns, Ceiling)	285.00	Sq.m					
	Sub-total, 3.5 (Painting Works)			Sub-total	-	Sub-total	-	-
3.6	Signage Works							
3.6.1	Fabrication & Installation Male, Female, & All Gen and PWD Signage Design (See A-7 Plan Details)	1.00	Lot					
	Sub-total, 3.6 (Signage Works)			Sub-total	-	Sub-total	-	-
4.0	ELECTRICAL WORKS							
4.1	3.5mm2 THHN Wire	2.00	Roll					
4.2	5.5mm2 THHN Wire	1.00	Roll					
4.3	PVC Electrical Pipe 1/2"	38.00	Pcs					
4.4	Utility Box	12.00	Pcs					

4.5	Junction Box With Cover	30.00	Pcs					
4.6	Two-Gang Switch	7.00	Unit					
4.7	Duplex Convenience Outlet	8.00	Unit					
4.8	Flexible LED Strip Light (Warm Light)	40.00	Mtrs					
4.9	Wall Lamp Fixture	3.00	Unit					
4.10	Recessed Pin Light	34.00	Unit					
4.11	Ceiling Exhaust Fan 8inch	8.00	Unit					
4.12	LED Automatic Emergency Light TRICOLOR	4.00	Unit					
4.13	8 Ways Distribution Board Surface Mounted With Circuit Breaker	1.00	Unit					
	Sub-total, 4.0 (Electrical Works)			Sub-total	-	Sub-total	-	-
5.0	SANITARY/PLUMBING WORKS							
5.1	PPR Pipes 3/4"	18.00	Pcs					
5.2	PPR 45deg Elbow 3/4"	10.00	Pcs					
5.3	PPR 90deg Elbow 3/4"	15.00	Pcs					
5.4	PPR Tee 3/4"	20.00	Pcs					
5.5	PPR Male Adaptor 3/4"	5.00	Pcs					
5.6	PPR Female Adaptor 3/4"	5.00	Pcs					
5.7	PPR Coupling 3/4"	25.00	Pcs					
5.8	PPR Ball Valve 3/4"	1.00	Pcs					
5.9	PPR Pipes 1/2"	14.00	Pcs					
5.10	PPR 90deg Elbow 1/2"	38.00	Pcs					
5.10	PPR Male Adaptor 1/2"	24.00	Pcs					
5.12	PPR Female Adaptor 1/2"	24.00	Pcs					
5.13	PPR Coupling 1/2"	35.00	Pcs					
5.14	uPVC Sanitary Pipes 4"	18.00	Pcs					
5.15	uPVC Sanitary Pipes 3"	10.00	Pcs					
5.16	uPVC Sanitary Pipes 2"	16.00	Pcs					
5.17	uPVC Sanitary Wye Reducer 4x3"	12.00	Pcs					
5.18	uPVC Sanitary Wye Reducer 4x2"	30.00	Pcs					
5.19	uPVC Sanitary Wye 2"	8.00	Pcs					
5.20	uPVC Sanitary Wye 4"	5.00	Pcs					
5.21	uPVC Sanitary Coupling 4"	12.00	Pcs					
5.22	uPVC Sanitary Coupling 3"	6.00	Pcs					
5.23	uPVC Sanitary Coupling 2"	9.00	Pcs					
5.24	uPVC Sanitary 90deg Elbow 3"	12.00	Pcs					
5.25	uPVC Sanitary 90deg Elbow 2"	28.00	Pcs					
5.25	uPVC Sanitary 45deg Elbow 4"	9.00	Pcs					
5.27	uPVC Sanitary P-Trap With Plug 2"	8.00	Pcs					
5.28	uPVC Sanitary Clean Out Set 4"	5.00	Pcs					
5.29	PVC Pipe Cement 1000cc	2.00	Can					
5.30	Lavatory Under Counter With Faucet & Accessories (See Plan Details)	8.00	Unit					
5.31	Lever Type Water Closet & Accessories (See Plan Details)	8.00	Unit					
5.32	Stainless Steel PWD Grab Bars (See Plan Details)	7.00	Unit					
5.33	Stainless Grease trap	1.00	set					
	Sub-total, 5.0 (SANITARY/PLUMBING WORKS)			Sub-total	-	Sub-total	-	-
6.0	MISCELLANEOUS WORKS							
6.1	FOR ALL OTHER ITEMS that are not included on listed Bill of Quantities in your Bid but are deemed necessary for the completion of the works and the delivery of the project.	1.00	lot					-
	Sub-total, 6.0 (MISCELLANEOUS WORKS)			Sub-total	-	Sub-total	-	-
				A. TOTAL DIRECT COST		P	-	
				B. CONSUMABLES		P	-	
				C. SUPERVISION AND ADMINISTRATION		P	-	
				D. TOTAL INDIRECT COST ( B + C )		P	-	
				E. TOTAL COST ( A + D )		P	-	
				F. VAT ( 12% of Item E )		P	-	
				GRAND TOTAL PROJECT COST		P	-	