

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

## **Proposed Laboratory Complex Phase 1 2021-19**

Government of the Republic of the Philippines

**Sixth Edition  
July 2020**

# Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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# ***Glossary of Terms, Abbreviations, and Acronyms***

**ABC** – Approved Budget for the Contract.

**ARCC** – Allowable Range of Contract Cost.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**CDA** – Cooperative Development Authority.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**Contractor** – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

**CPI** – Consumer Price Index.

**DOLE** – Department of Labor and Employment.

**DTI** – Department of Trade and Industry.

**Foreign-funded Procurement or Foreign-Assisted Project** – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PCAB** – Philippine Contractors Accreditation Board.

**PhilGEPS** - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.

## ***Section I. Invitation to Bid***

### **Notes on the Invitation to Bid**

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



## Invitation to Bid for Proposed Laboratory Complex Phase 1

1. The **Mariveles Mental Wellness and General Hospital**, through the **Approved General Appropriation Act of 2021** intends to apply the sum of **Nine Million Nine Hundred Eighty-Nine Thousand Two Hundred Sixty-Seven and 27/100 only (P 9,989,267.27)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Proposed Laboratory Complex Phase 1/ 2021-19**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Mariveles Mental Wellness and General Hospital** now invites bids for the above Procurement Project. Completion of the Works is required **90 calendar days**. 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 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 **MMWGH** and inspect the Bidding Documents at the address given below from M-F; 8am-5pm, except holidays.
5. A complete set of Bidding Documents may be acquired by interested bidders on **November 4 - 23, 2021** 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 **P10,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
6. The **MMWGH** will hold a Pre-Bid Conference on **November 12, 2021 2PM** through webcasting *via Lark or Zoom*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **November 24, 2021 10AM**. Late bids shall not be accepted.
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 **November 24, 2021 10AM** at the given address below and/or *via Lark or Zoom*. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.
10. The **MMWGH** 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:

**VINCENT A. ISIP**

BAC Secretariat

Procurement Unit

Mariveles Mental Wellness and General Hospital

P. Monroe Street, Mariveles, Bataan

Email Address: **procurement@mmwgh.gov.ph**

Website: **www.mmwgh.gov.ph**

12. You may visit the following websites:

For downloading of Bidding Documents: **<http://www.mmwgh.gov.ph/itb2021.php>**

*Date of Issue: November 4, 2021*

(Sgd.)

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**ZORAIDA F. AFABLE, MD**

*Chairperson, BAC*

## ***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, **Mariveles Mental Wellness and General Hospital** invites Bids for the **Proposed Laboratory Complex Phase 1**, with Project Identification Number **2021-19**.

*[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]*

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 **2021** in the amount of ***Nine Million Nine Hundred Eighty-Nine Thousand Two Hundred Sixty-Seven and 27/100 only (P 9,989,267.27)***.

2.2. The source of funding is:

- a. NGA, the General Appropriations Act or Special Appropriations.

## **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 not allowed.

## **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 and/or through videoconferencing/webcasting *via Lark or Zoom* as indicated in paragraph 6 of the **IB**.

## **9. 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.

## **10. 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**.

## **11. 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.

## 12. 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.

## 13. 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.

## 14. 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.

## 15. 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 **March 24, 2022**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 16. 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.

## **17. 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**.

## **18. 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.

## **19. 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.

## **20. 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**.

## **21. 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 **BDS**.

## ***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: <i>[provide description/clarification of what are major categories of work].</i>																								
7.1	<i>[Specify the portions of Works and the maximum percentage allowed to be subcontracted, which shall not be significant or material components of the Project as determined by the Procuring Entity.]</i>																								
10.3	<i>[Specify if another Contractor license or permit is required. ]</i>																								
10.4	<div>The key personnel must meet the required minimum years of experience set below:</div> <table><tr><th><u>Key Personnel</u></th><th><u>General Experience</u></th><th><u>Relevant Experience</u></th></tr><tr><td colspan="3">-Project Manager</td></tr><tr><td colspan="3">-Project Engineer (Preferably Civil Engineer)</td></tr><tr><td colspan="3">-Professional Electrical Engineer</td></tr><tr><td colspan="3">-Sanitary Engineer</td></tr><tr><td colspan="3">-Professional Mechanical Engineer</td></tr><tr><td colspan="3">-Safety Officer</td></tr><tr><td colspan="3">-Foreman</td></tr></table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	-Project Manager			-Project Engineer (Preferably Civil Engineer)			-Professional Electrical Engineer			-Sanitary Engineer			-Professional Mechanical Engineer			-Safety Officer			-Foreman		
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>																							
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-Professional Mechanical Engineer																									
-Safety Officer																									
-Foreman																									
10.5	<div>The minimum major equipment requirements are the following:</div> <table><tr><th><u>Equipment</u></th><th><u>Capacity</u></th><th><u>Number of Units</u></th></tr><tr><td>-Backhoe</td><td>Minimum</td><td>1</td></tr><tr><td>-One Bagger Concrete Mixer</td><td>Minimum</td><td>1</td></tr><tr><td>-Concrete Vibrator</td><td>Minimum</td><td>1</td></tr><tr><td>-Compactor</td><td>Minimum</td><td>1</td></tr><tr><td>-Chipping Gun</td><td>Minimum</td><td>1</td></tr><tr><td>-Dump Truck</td><td>Minimum</td><td>1</td></tr></table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	-Backhoe	Minimum	1	-One Bagger Concrete Mixer	Minimum	1	-Concrete Vibrator	Minimum	1	-Compactor	Minimum	1	-Chipping Gun	Minimum	1	-Dump Truck	Minimum	1			
<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>																							
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-Concrete Vibrator	Minimum	1																							
-Compactor	Minimum	1																							
-Chipping Gun	Minimum	1																							
-Dump Truck	Minimum	1																							
15.1	<div>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</div> <div><div>a.</div><div>The amount of not less than <u>P 199,785.35</u>, if bid security is in cash, cashier’s/manager’s check, bank draft/guarantee or irrevocable letter of credit;</div></div> <div><div>b.</div><div>The amount of not less than <u>P 499,463.36</u> if bid security is in Surety Bond.</div></div>																								
20	<div><i>[List licenses and permits relevant to the Project and the corresponding law requiring it, e.g. Environmental Compliance Certificate, Certification that the project site is not within a geohazard zone, etc.]</i></div> <div><b>-Building Permit</b></div> <div><b>-Fire Safety Inspection Certificate</b></div> <div><b>-Occupancy Permit</b></div>																								
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.																								





## ***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	<i>[If different dates are specified for completion of the Works by section, i.e. “sectional completion,” these dates should be listed here.]</i> <b>Not applicable</b>
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i>  <b>Site is ready for Construction 15 days after receipt of Notice to Proceed by the winning bidder</b>
6	The site investigation reports are: Site inspection and verification.
7.2	<i>In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures: Fifteen (15) years.</i>
10	No dayworks are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity’s Representative before the Bid opening.
11.2	The amount to be withheld for late submission of an updated Program of Work is <b>not applicable, late submission will cause outright rejection for the bids.</b>
13	The amount of the advance payment <b>not exceed 15% of the total contract price.</b>
14	<i>[If allowed by the Procuring Entity, state:]</i> Materials and equipment delivered on the site but not completely put in place shall be included for payment.
15.1	The operating and maintenance manuals are required <b>after the completion of the project.</b>  The “as built” drawings are required <b>after the completion of the project.</b>
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 <b>[not applicable].</b>



## ***Section VI. Specifications***

### **Notes on Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

#### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be

accepted subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.

## ***Section VII. Drawings***

*[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]*

***See attached Detailed Architectural and Engineering Design.***

## ***Section VIII. Bill of Quantities***

### **Notes on the Bill of Quantities**

#### **Objectives**

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

#### **Daywork Schedule**

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

#### **Provisional Sums**

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

### **Signature Box**

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

## ***Section IX. Checklist of Technical and Financial Documents***

### **Notes on the Checklist of Technical and Financial Documents**

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class “A” Documents*

#### Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
- ☐ (c) and Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
- ☐ (d) and Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

#### Technical Documents

- ☐ (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
- ☐ (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; and
- ☐ (g) Philippine Contractors Accreditation Board (PCAB) License; or Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid; and
- ☐ (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; or Original copy of Notarized Bid Securing Declaration; and
- ☐ (i) Project Requirements, which shall include the following:
  - ☐ a. Organizational chart for the contract to be bid;
  - ☐ b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
    - ☐ -Project Manager
    - ☐ -Project Engineer (Preferably Civil Engineer)
    - ☐ -Professional Electrical Engineer
    - ☐ -Sanitary Engineer
    - ☐ -Professional Mechanical Engineer

- ☐ -Safety Officer
- ☐ -Foreman
- ☐ c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be;
  - ☐ -Backhoe
  - ☐ -One bagger Concrete Mixer
  - ☐ -Concrete Vibrator
  - ☐ -Compactor
  - ☐ -Chipping Gun
  - ☐ -Dump Truck
- ☐ (j) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

**Financial Documents**

- ☐ (k) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

***Class "B" Documents***

- ☐ (m) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- ☐ (n) Original of duly signed and accomplished Financial Bid Form; **and**

**Other documentary requirements under RA No. 9184**

- ☐ (o) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (p) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- ☐ (q) Cash Flow by Quarter.

*Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.*



Post Qualification Documents

- ☐ 1. BIR Form 2303 (BIR Registration Certificate)
- ☐ 2. Business and Income Tax Return

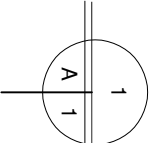
*Note: It is encouraged to submit the above-mentioned Post Qualification documents during Bid Opening to expedite the bidding process.*





PERSPECTIVE

SCALE NTS



BUILDING TYPE: LABORATORY BUILDING  
GOVERNMENT AND HEALTH SERVICES

GROUP D-1 HOSPITAL

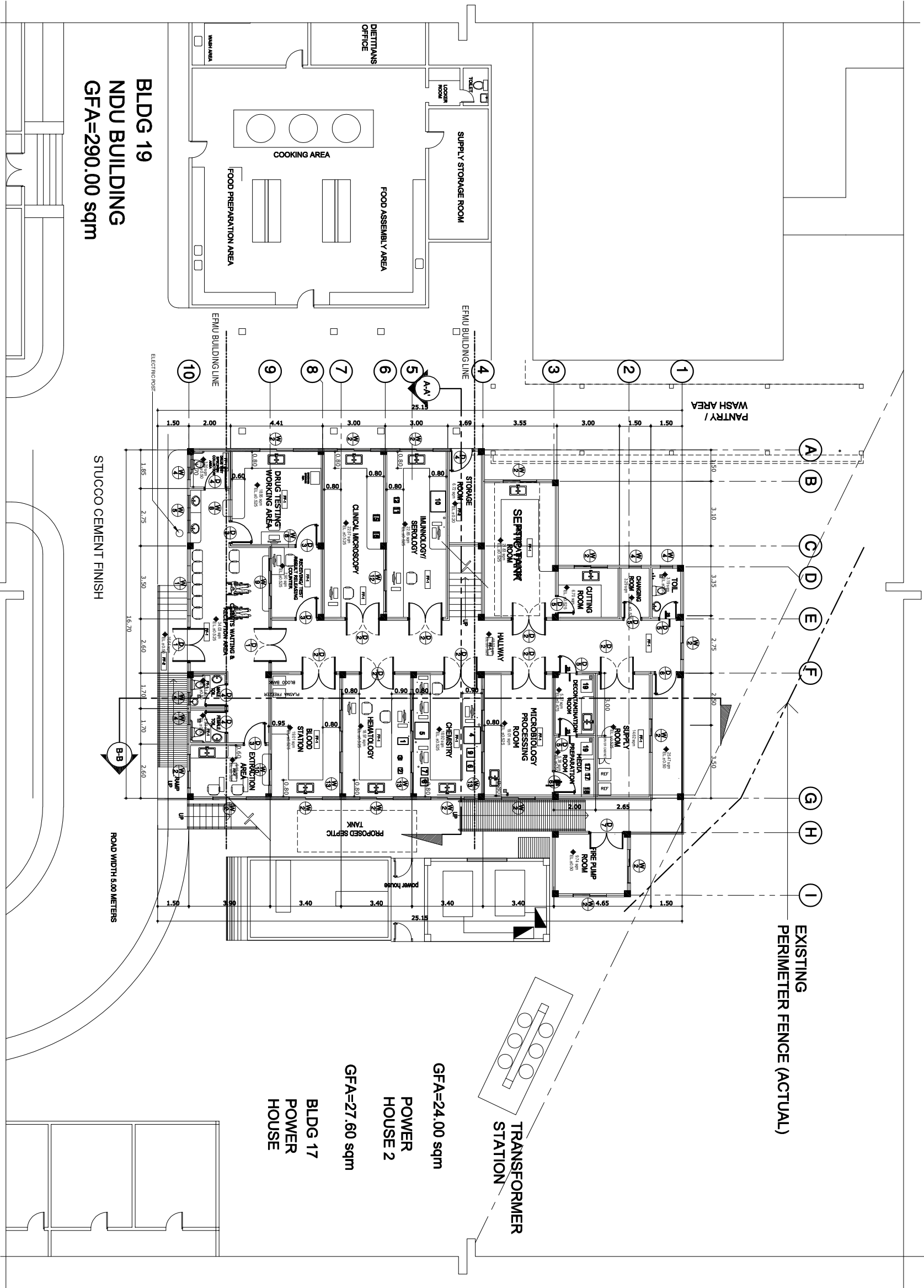
SOURCE: PD 1096 (RA 6541) THE NATIONAL BUILDING CODE OF THE PHILIPPINES

1. Submit shop drawings / product manual/ samples/ methodology / quality standard for Architect ,Engineer's and Management approval prior to execution.
2. Verify existing site condition and dimensions prior to implementation. No work shall commence without the specific approval by the Engineers and Architect
3. All works must be coordinated with all trades. Any conflict or discrepancies in the contract documents shall be brought to the attention of the Engineer/ Architect for resolution, prior to construction of such item.


REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH		PREPARED BY:		ARCHITECT		RA 9268 SECTION 33 Drawings and specifications and other contract documents fully signed, sealed and dated by the architect, engineer, contractor or other person authorized to do so, shall be deemed to be the official and authentic copy of the original and no other copy shall be made or used in the execution of the project or in the preparation of and for other projects or buildings, whether or not the drawings, specifications and other contract documents are shown by these drawings.	
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		DESIGN BY:		DRAWN BY: JOSHUA R. ESCANO ADMINISTRATIVE ASSISTANT II		NOTE: Written dimensions on these drawings shall have precedence over dimensions shown on the drawings. Contractors shall be responsible for the accuracy of dimensions and coordinates must be indicated immediately on the drawings.	
P. MONROE ST., POBLACION MARIVELES, BATAN		CHECKED BY:		PRC REG. No. : 4364 PTR No. : 38863261420103 PLACE: Mariveles, Batan		PRC REG. No. : 11022021 PTR No. : 1028103 DATE: 02-08-21 30-109564-000	
		CHECKED BY:		PRC REG. No. : 13198 PTR No. : 3886979 PLACE: Balinguiza		PRC REG. No. : 0505-2021 PTR No. : 01-27-2021 DATE: 05-05-2021	
		PROJECT TITLE		PROPOSED LABORATORY COMPLEX		RECOMMENDING APPROVAL:	
		CIVIL ENGINEER		MELVIN JAN A. YABUT, CE, MPA ENGINEER/IV		APPROVED BY:	
		LOCATION:		MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		DATE ACCOMPISHED: 10-22-2021	
		VINCENT A. ISIP DIC-CHOPSS		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		SHEET NO. : A-1	





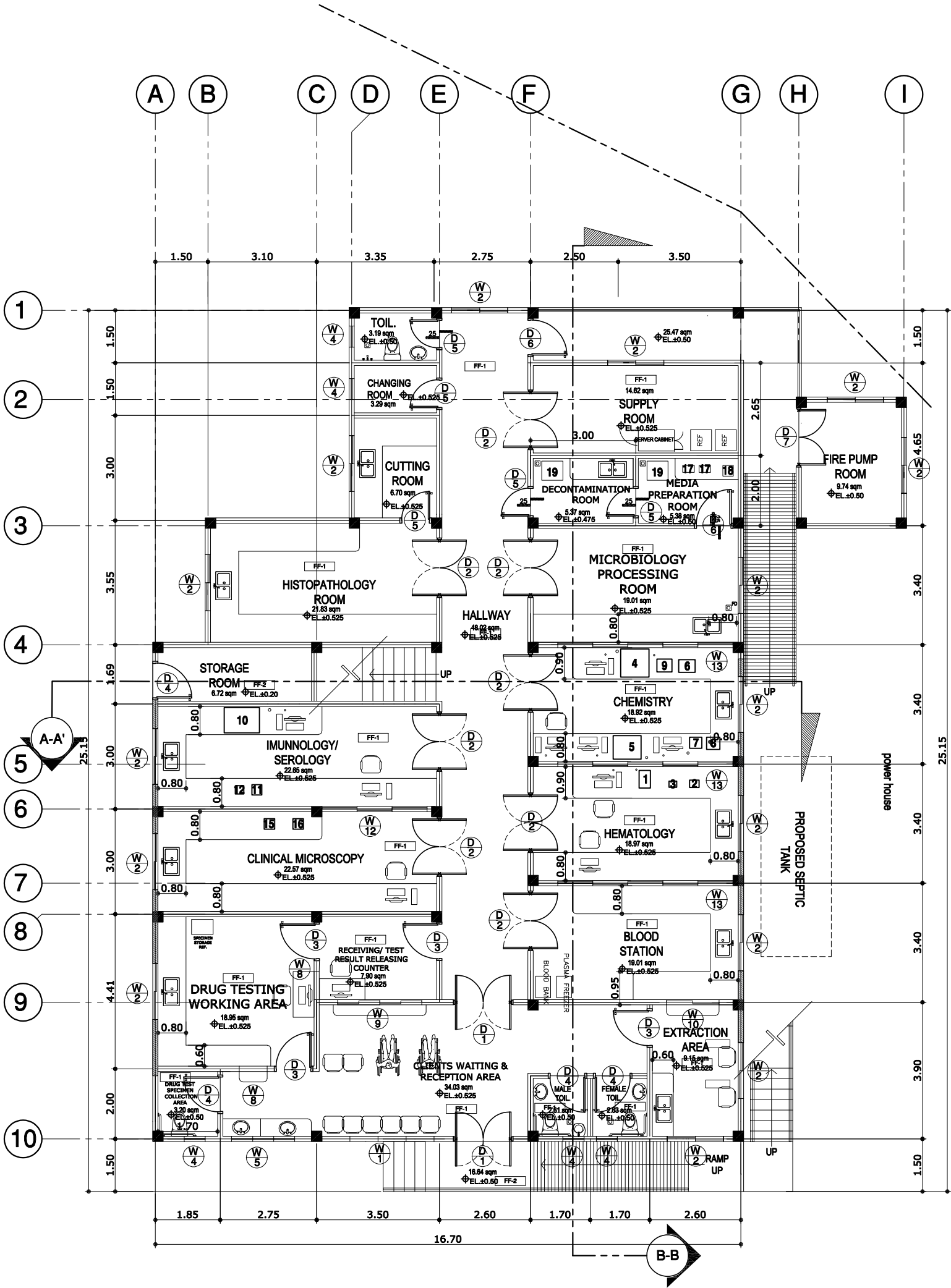


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<div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div> <div>P. MONROE ST., POBLACION MARIVELES, BATAN</div>		<div></div>	
PREPARED BY:		ARCHITECT	
DESIGN BY:		PAULO V. PAGUA, UAP ADMINISTRATIVE OFFICER I	
DRAWN BY:		JOSHUA R. ESCANO ADMINISTRATIVE ASSISTANT II	
CHECKED BY:		PRG REG. No.: 4366 Verify: 11/02/2021 IAPA/NO.: 3869-26814-09102 O.R No.: 2646 Date: 11/02/21 P/R No.: 1038159 Date: 02 - 08 - 21 Place: Mariveles, Batan Tin.: 35-1030-551-000	
REVIEWED BY:		NOTE: Drawings and specifications and other related documents shall have been drawn and checked by the drafter and checker respectively. The drafter and checker shall be responsible for the accuracy of the drawings and specifications. The drafter and checker shall be responsible for the accuracy of the drawings and specifications. The drafter and checker shall be responsible for the accuracy of the drawings and specifications.	
CHECKED BY:		CIVIL ENGINEER	
PROJECT TITLE		PROPOSED LABORATORY COMPLEX	
RECOMMENDING APPROVAL:		VINCENT A. ISIP OIC-HOPSS	
APPROVED BY		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II	
SHEET NO.:		A-3	

FLOOR FINISH LEGEND:	
FF-1	600 X 600 mm GLAZED CERAMIC
FF-2	FLOOR TILE FINISH
FF-3	600 X 600 mm UNGLAZED CERAMIC FLOOR TILE FINISH

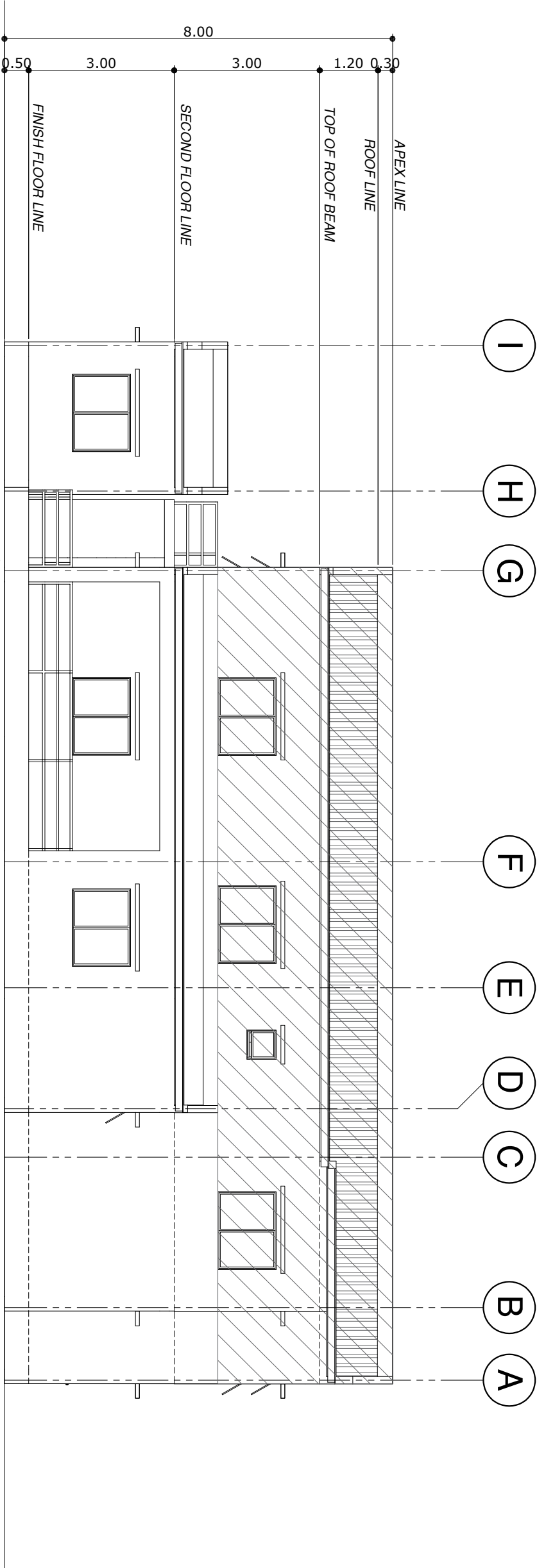
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION, MARIVELES, BATAN		DESIGN BY: _____ DRAWN BY: JOSHUA R. ESCANO CHECKED BY: ADMINISTRATIVE ASSISTANT II REVIEWED BY: _____		ARCHITECT PAULOV, PAGUA, UAP PRC REG. No.: 4346 PTR No.: 38863981430103 OR No.: 26485 DATE: 11/02/2021 PLACE: Mariveles, Batan		RA 9266 SECTION 33 Drawings and specifications and other contract documents fully signed by the architect, shall have the same force and effect as the original drawings and specifications, and the architect shall be responsible for the accuracy of the same. The architect shall not be held responsible for the accuracy of the same if the same are not fully signed by the architect.		NOTE: Written dimensions on these drawings shall have precedence over dimensions shown on the drawings. Contractors shall be responsible for the accuracy of the dimensions and coordinates shown on the drawings. The architect shall not be held responsible for the accuracy of the dimensions and coordinates shown on the drawings if the same are not fully signed by the architect.		CHECKED BY: CIVIL ENGINEER MELVIN JAN A. YABUT, CE, MPA PRC REG. No.: 13198 PTR No.: 308879 OR No.: 0545-3201 DATE: 01-21-2021 PLACE: Batang, CA		PROJECT TITLE MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL PROPOSED LABORATORY COMPLEX		RECOMMENDING APPROVAL: _____ VINCENT A. ISIP DIC-HOPS		APPROVED BY: _____ MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		SHEET NO.: A-4	
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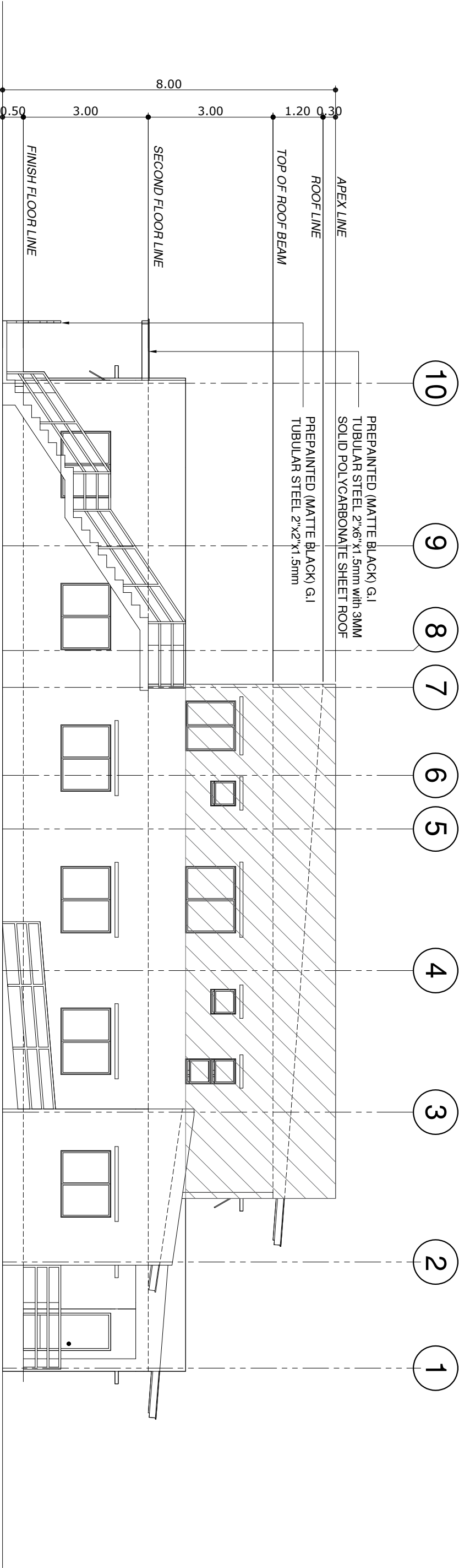
LABORATORY BUILDING  
**GROUND FLOOR PLAN**  
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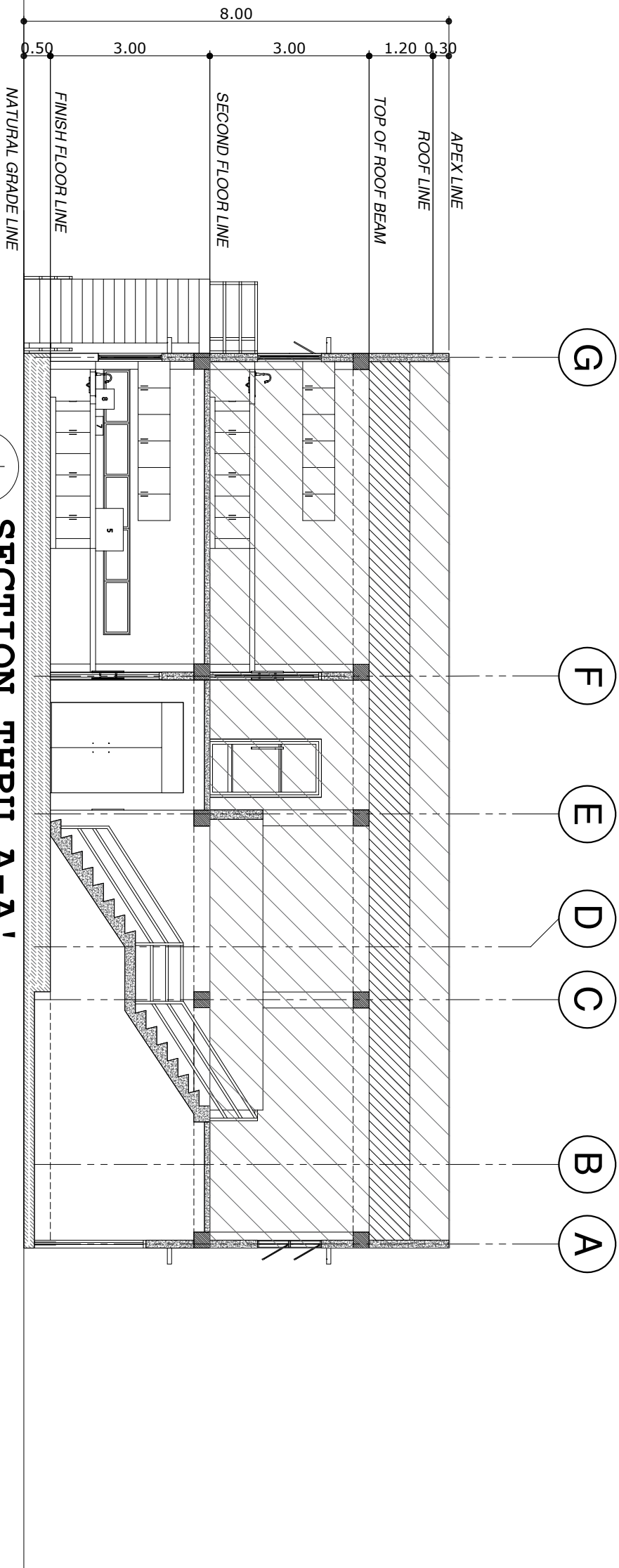
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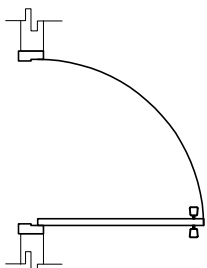
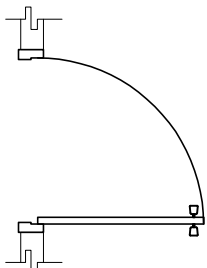
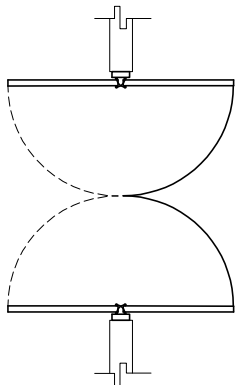
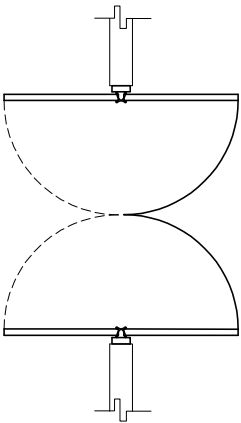
2  
A 7 SCALE  
RIGHT SIDE ELEVATION  
1 : 100 MTS

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION MARIVELES, BATAN				PREPARED BY:		ARCHITECT PALOV, PAGUA, UAP ADMINISTRATIVE OFFICER I		RA 9268 SECTION 33 Drawings and specifications and other contract documents fully signed by the architect shall have the force and effect of a contract. The architect shall be responsible for the accuracy of the drawings and specifications and shall be liable for any errors or omissions. The architect shall not be responsible for the construction of the building or for any other matters not specifically mentioned in the contract documents.		NOTE: Written dimensions on these drawings shall have precedence over dimensions shown on the drawings. Contractors shall be responsible for the accuracy of the dimensions and shall be liable for any errors or omissions. The architect shall not be responsible for the construction of the building or for any other matters not specifically mentioned in the contract documents.		CHECKED BY: CIVIL ENGINEER MELVIN JAN A. YABUT, CE, MPA ENGINEER IV		PROJECT TITLE PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		RECOMMENDING APPROVAL: VINCENT A. ISIP DIC-CHOPS		APPROVED BY MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		SHEET NO.:	
				DESIGN BY:		JOSHUA R. ESCANO		PRC REG. No. : 4344		Validity : 11/02/2021											
				DRAWN BY:		ADMINISTRATIVE ASSISTANT II		PRC REG. No. : 388632814510401		OR No. : 26803		Date : 02-08-21									
				CHECKED BY:				PTR No. : 1028103		Date : 02-08-21											
				REVIEWED BY:				PLACE : Mariveles, Batan		TIN : 35109564-000											





<div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH</div> <div>MARVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div> <div>P. MONROE ST., POBLACION, MARVELES, BATAN</div>		<div>PREPARED BY:</div> <div>ARCHITECT</div> <div>PAULO V. PAGUA, UAP ADMINISTRATIVE OFFICER I</div> <div>PROG. REG. NO. : 6344 IAPCA NO. : 3865-3861-43-02 PTR NO. : 108159</div> <div>Validity : 11/02/2021 O.R. No. : 35465 Date : 11/02/2021 Date : 02-08-21</div>		<div>RA 9246 SECTION 33</div> <div>NOTE:</div> <div>Drawings and specifications and other related documents duly signed, stamped or sealed, as instruments of service, shall be the property of the architect and shall remain in his custody until the completion of the project and the payment of the fee. The architect shall be held responsible for the safety and integrity of the drawings and documents. The architect shall be held responsible for the safety and integrity of the drawings and documents. The architect shall be held responsible for the safety and integrity of the drawings and documents.</div>		<div>CHECKED BY:</div> <div>CIVIL ENGINEER</div> <div>MELVIN JAN A. YABUT, CE, MPA ENGINEER IV</div> <div>PROG. REG. NO. : 1319 PTR NO. : 336879</div> <div>Validity : 05-05-2021 Date : 01-12-2021</div>		<div>PROJECT TITLE</div> <div>RECOMMENDING APPROVAL:</div> <div>APPROVED BY</div> <div>SHEET NO.:</div>	
<div>RA 9246 SECTION 33</div> <div>NOTE:</div> <div>Drawings and specifications and other related documents duly signed, stamped or sealed, as instruments of service, shall be the property of the architect and shall remain in his custody until the completion of the project and the payment of the fee. The architect shall be held responsible for the safety and integrity of the drawings and documents. The architect shall be held responsible for the safety and integrity of the drawings and documents. The architect shall be held responsible for the safety and integrity of the drawings and documents.</div>		<div>CHECKED BY:</div> <div>CIVIL ENGINEER</div> <div>MELVIN JAN A. YABUT, CE, MPA ENGINEER IV</div> <div>PROG. REG. NO. : 1319 PTR NO. : 336879</div> <div>Validity : 05-05-2021 Date : 01-12-2021</div>		<div>PROJECT TITLE</div> <div>RECOMMENDING APPROVAL:</div> <div>APPROVED BY</div> <div>SHEET NO.:</div>		<div>PROJECT TITLE</div> <div>RECOMMENDING APPROVAL:</div> <div>APPROVED BY</div> <div>SHEET NO.:</div>			
<div>RA 9246 SECTION 33</div> <div>NOTE:</div> <div>Drawings and specifications and other related documents duly signed, stamped or sealed, as instruments of service, shall be the property of the architect and shall remain in his custody until the completion of the project and the payment of the fee. The architect shall be held responsible for the safety and integrity of the drawings and documents. The architect shall be held responsible for the safety and integrity of the drawings and documents. The architect shall be held responsible for the safety and integrity of the drawings and documents.</div>		<div>CHECKED BY:</div> <div>CIVIL ENGINEER</div> <div>MELVIN JAN A. YABUT, CE, MPA ENGINEER IV</div> <div>PROG. REG. NO. : 1319 PTR NO. : 336879</div> <div>Validity : 05-05-2021 Date : 01-12-2021</div>		<div>PROJECT TITLE</div> <div>RECOMMENDING APPROVAL:</div> <div>APPROVED BY</div> <div>SHEET NO.:</div>		<div>PROJECT TITLE</div> <div>RECOMMENDING APPROVAL:</div> <div>APPROVED BY</div> <div>SHEET NO.:</div>			

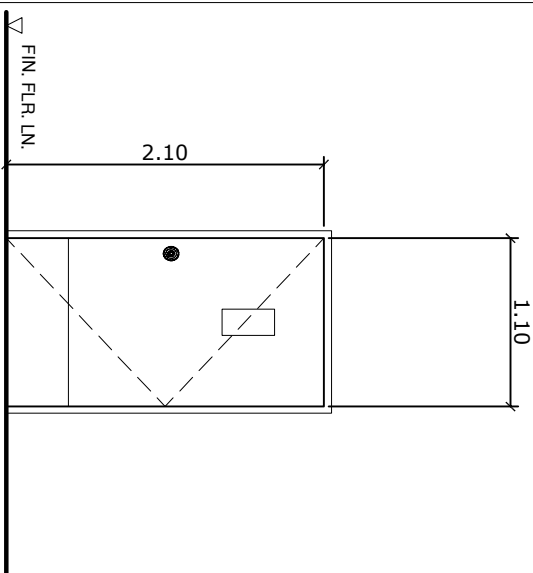
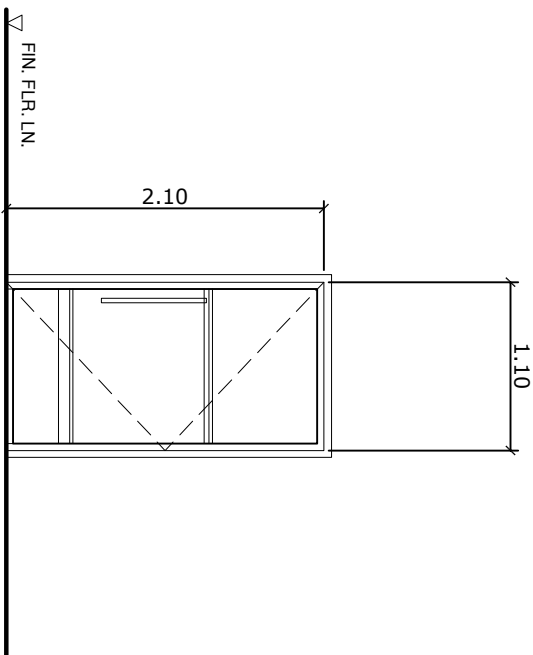
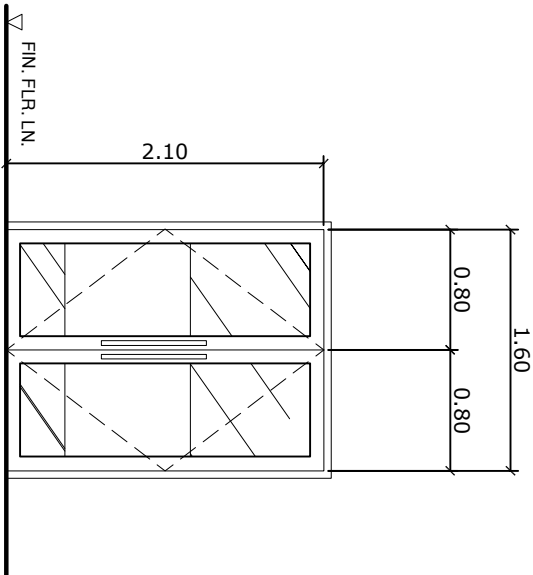
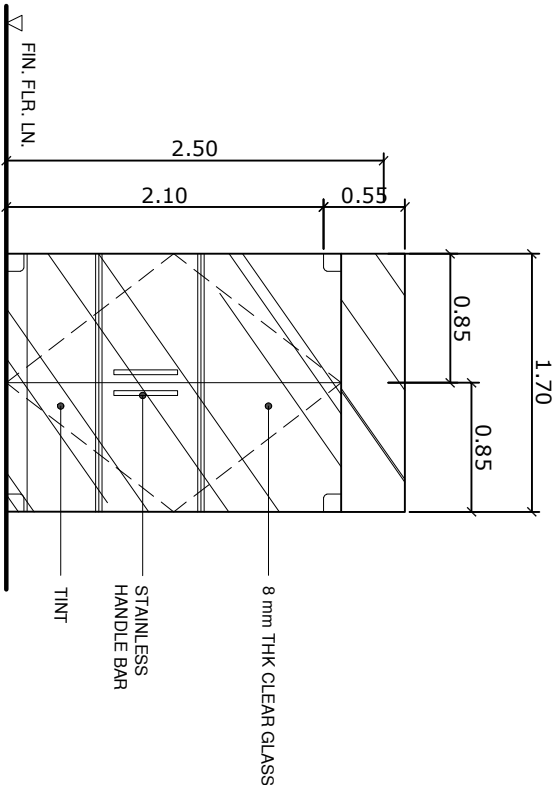


## PLAN

## PLAN

## PLAN

## PLAN



TYPE: 8 mm THK TEMPERED GLASS DOUBLE SWING DOOR

TYPE: 8 mm THK ANODIZED - TEMPERED GLASS  
DOUBLE SWING DOOR IN UPVC WOOD  
FRAME

TYPE: 1/4" mm THK TEMPERED GLASS SLIDING DOOR IN UPVC WOOD FRAME

TYPE: 1/4" mm THK TEMPERED GLASS  
SLIDING DOOR IN UPVC WOOD  
FRAME

ACC: LOCKSET AND ALL REQUIRED CLOSER AND STOPPER

ACC: LOCKSET AND ALL REQUIRED CLOSER AND STOPPER

ACC: LOCKSET AND ALL REQ CLOSER AND STOPPER

ACC: LOCKSET AND ALL REQ  
CLOSER AND STOPPER

LOCATION: CLIENT'S WAITING AND RECEPTION AREA

**LOCATION:** BLOOD STATION, HEMATOLOGY, CHEMISTRY, MICROBIOLOGY PROCESSING ROOM, HISTOPATHOLOGY ROOM, CLINICAL MICROSCOPY, IMMUNOLOGY/SEROLOGY, CHIEF MEDTECH OFFICE/CONFERENCE ROOM AND WATER QUALITY ANALYSIS ROOM

**LOCATION:** PATHOLOGIST'S OFFICE, RECEIVING/TEST RESULT  
RELEASING COUNTER, DRUG TESTING WORKING AREA  
AND BALCONY AREA

LOCATION: MALE TOILET, FEMALE TOILET AND DRUG TEST SPECIMEN COLLECTION AREA

NO. OF SETS: 2 SETS

NO. OF SETS: 11 SETS

NO. OF SETS: 5 SETS

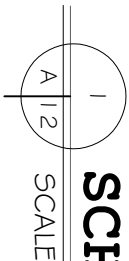
NO. OF SETS: 4 SETS

REMARKS: AS PER MANUFACTURERS

REMARKS: AS PER MANUFACTURERS

REMARKS: AS PER MANUFACTURERS

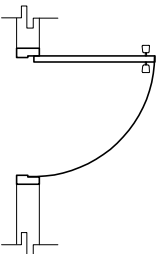
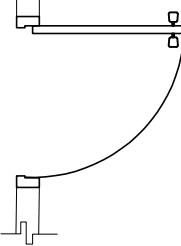
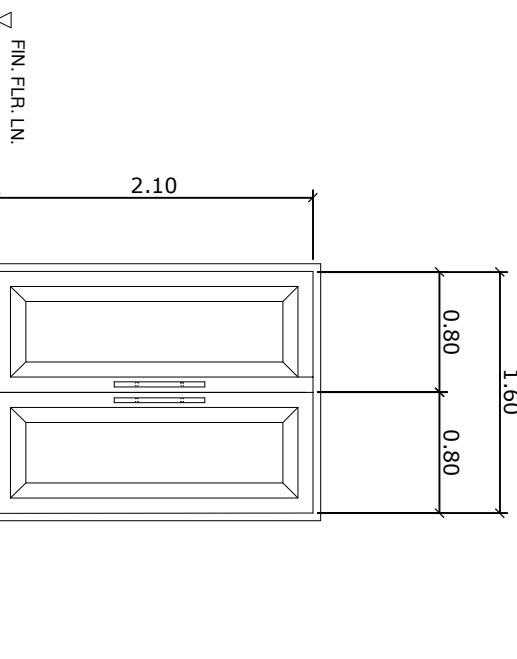
REMARKS: AS PER MANUFACTURERS



## SCHEDULE OF DOORS

1:50 MTS

[illegible]

		
PLAN	PLAN	PLAN
<div><div>TYPE:</div><div>HOLLOW CORE DOOR WOOD GRAIN EXTERIOR FINISH</div></div> <div><div>ACC:</div><div>LOCKSET AND ALL REQUIRED CLOSER AND STOPPER</div></div> <div><div>LOCATION:</div><div>TOILET, T&amp;B, CHIEF MEDTECH OFFICE/CONFERENCE ROOM TOILET AND PATHOLOGIST'S OFFICE TOILET</div></div> <div><div>NO. OF SETS:</div><div>7 SETS</div></div> <div><div>REMARKS :</div><div>AS PER MANUFACTURERS</div></div>	<div><div>TYPE:</div><div>HOLLOW CORE DOOR WOOD GRAIN EXTERIOR FINISH</div></div> <div><div>ACC:</div><div>LOCKSET AND ALL REQUIRED CLOSER AND STOPPER</div></div> <div><div>LOCATION:</div><div>PORCH AREA AND SUPPLY ROOM</div></div> <div><div>NO. OF SETS:</div><div>2 SETS</div></div> <div><div>REMARKS :</div><div>AS PER MANUFACTURERS</div></div>	<div><div>TYPE:</div><div>DOUBLE SWING STEEL DOOR</div></div> <div><div>ACC:</div><div>LOCKSET AND ALL REQUIRED CLOSER AND STOPPER</div></div> <div><div>LOCATION:</div><div>FIRE PUMP ROOM</div></div> <div><div>NO. OF SETS:</div><div>1 SET</div></div> <div><div>REMARKS :</div><div>AS PER MANUFACTURERS</div></div>
<div><div>TYPE:</div><div>HOLLOW CORE DOOR WOOD GRAIN EXTERIOR FINISH</div></div> <div><div>ACC:</div><div>LOCKSET AND ALL REQUIRED CLOSER AND STOPPER</div></div> <div><div>LOCATION:</div><div>TOILET, T&amp;B, CHIEF MEDTECH OFFICE/CONFERENCE ROOM TOILET AND PATHOLOGIST'S OFFICE TOILET</div></div> <div><div>NO. OF SETS:</div><div>7 SETS</div></div> <div><div>REMARKS :</div><div>AS PER MANUFACTURERS</div></div>	<div><div>TYPE:</div><div>HOLLOW CORE DOOR WOOD GRAIN EXTERIOR FINISH</div></div> <div><div>ACC:</div><div>LOCKSET AND ALL REQUIRED CLOSER AND STOPPER</div></div> <div><div>LOCATION:</div><div>PORCH AREA AND SUPPLY ROOM</div></div> <div><div>NO. OF SETS:</div><div>2 SETS</div></div> <div><div>REMARKS :</div><div>AS PER MANUFACTURERS</div></div>	<div><div>TYPE:</div><div>DOUBLE SWING STEEL DOOR</div></div> <div><div>ACC:</div><div>LOCKSET AND ALL REQUIRED CLOSER AND STOPPER</div></div> <div><div>LOCATION:</div><div>FIRE PUMP ROOM</div></div> <div><div>NO. OF SETS:</div><div>1 SET</div></div> <div><div>REMARKS :</div><div>AS PER MANUFACTURERS</div></div>

1

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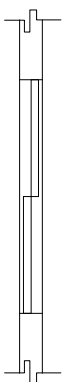
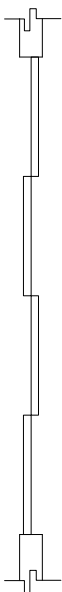
1/3

SCALE

1:50 MTS

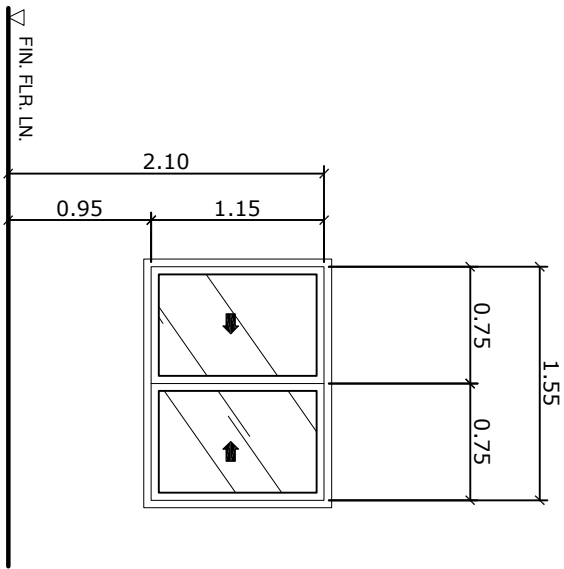
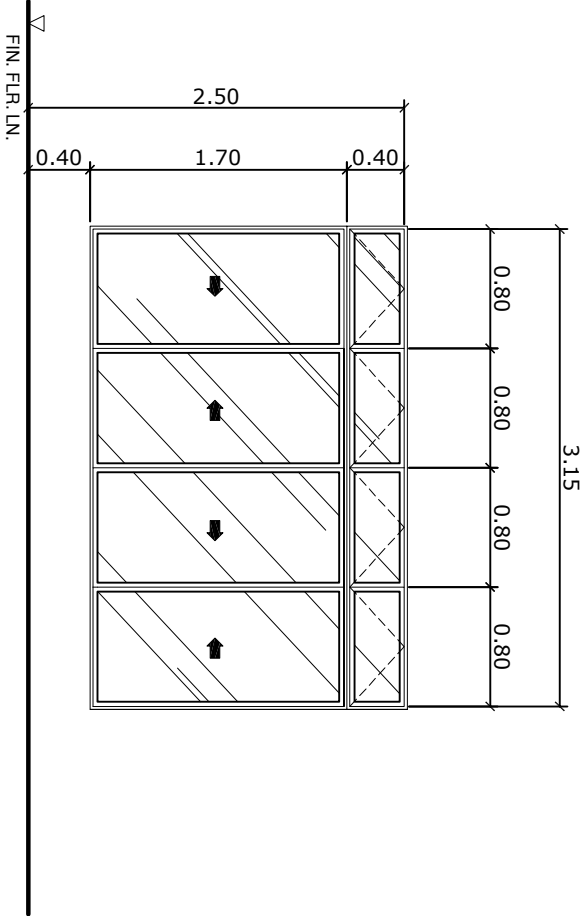
SCHEDULE OF DOORS

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION MARIVELES, BATAN		PREPARED BY:		ARCHITECT  PAULOV, PAGUA, UAP ADMINISTRATIVE OFFICER I		RA 9268 SECTION 33 Drawings and specifications and other contract documents fully signed by the architect, shall be the basis for the construction of the project. The architect shall be responsible for the accuracy and completeness of the drawings and specifications, and shall be liable for any errors or omissions. The architect shall also be responsible for the coordination of the project with the relevant authorities and agencies.		NOTE: All dimensions shall have been checked and found to be correct. The contractor shall be responsible for the accuracy and completeness of the drawings and specifications, and shall be liable for any errors or omissions. The contractor shall also be responsible for the coordination of the project with the relevant authorities and agencies.		CHECKED BY: CIVIL ENGINEER  MELVIN JAN A. YABUT, CE, MPA ENGINEER IV		PROJECT TITLE  PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		RECOMMENDING APPROVAL:  VINCENT A. ISIP DIC-HOPS		APPROVED BY  MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		SHEET NO.:	
DESIGN BY:				PRG REG. No. : 4344		Validity : 11/02/2021				PRG REG. No. : 13198		Validity : 05/05/2021							
DRAWN BY:		AR. JAYEND JAE D. DELA ROSA		PTR No. : 388632814201001		Date : 02.08.21				PRG No. : 3886793		Date : 01-21-2021							
CHECKED BY:		ADMINISTRATIVE ASSISTANT II		PRG REG. No. : 4344		Validity : 11/02/2021				PRG No. : 3886793		Date : 01-21-2021							
REVIEWED BY:				PRG REG. No. : 4344		Validity : 11/02/2021				PRG No. : 3886793		Date : 01-21-2021							
PLACE:		Mariveles, Batan		PTR No. : 388632814201001		Date : 02.08.21				PRG No. : 3886793		Date : 01-21-2021							



# PLAN

## PLAN



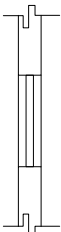
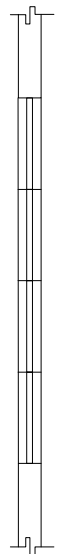
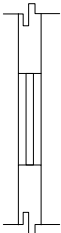
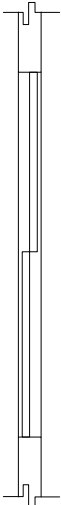
TYPE:	10mm THK CLEAR GLASS SLIDING WINDOW WITH AWNING TRANSOM IN UPVC WOOD FRAME	W 1	
		W 2	
ACC:	CONCEALED EDGES ETC.	ACC:	LOCKSET,SCREEN, CONCEALED EDGES ETC.
LOCATION:	CLIENT'S WAITING ROOM AND RECEPTION AREA	LOCATION:	HISTOPATHOLOGY ROOM, MICROBIOLOGY PROCESSING ROOM, CLINICAL MICROSCOPY, CHEMISTRY, IMMUNOLOGYSERLOGY,HEMATOLOGY,DRUG TESTING WORKING AREA, BLOOD STATION, EXTRACTION AREA, CHIEF MEDICAL OFFICE,CONFERENCE ROOM, WATER QUALITY ANALYSIS ROOM AND FIRE PRO ROOM, ELECTRICAL ROOM, JANITOR ROOM AND PANTRY AREA
NO. OF SETS:	1 SET	NO. OF SETS:	20 SETS
REMARKS :	AS PER MANUFACTURERS	REMARKS :	AS PER MANUFACTURERS

## SCHEDULE OF WINDOWS

SCALE

1:50 MTS

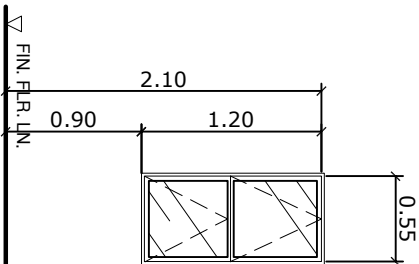
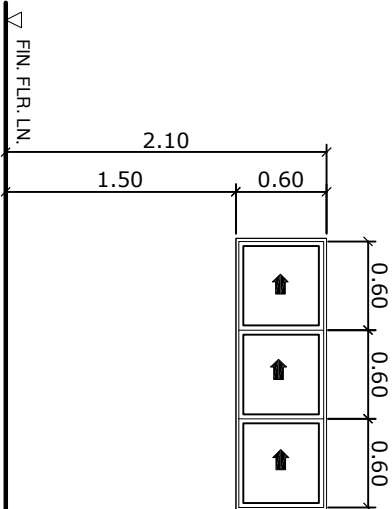
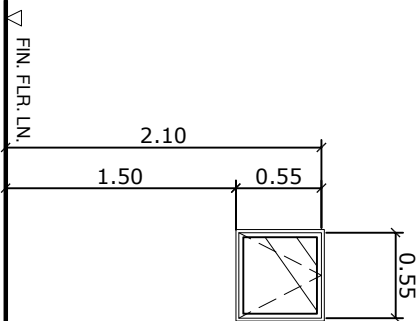
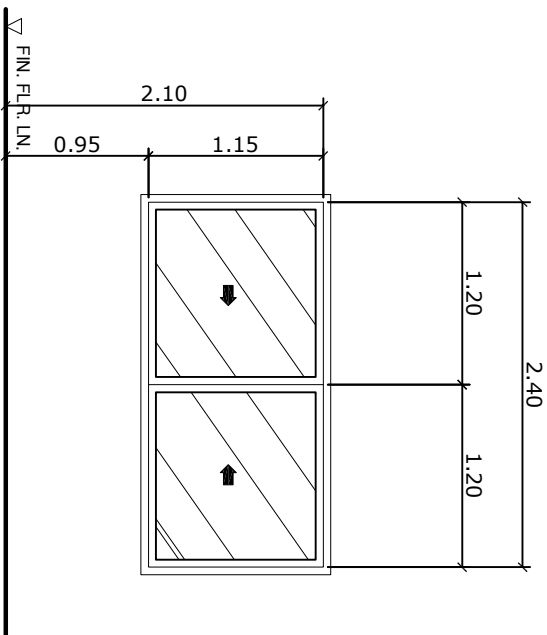
[illegible]



PLAN

PLAN

PLAN



<div><div><div>W</div><div>3</div></div></div>		<div><div><div>W</div><div>4</div></div></div>		<div><div><div>W</div><div>5</div></div></div>		<div><div><div>W</div><div>6</div></div></div>	
TYPE: 4" mm THK CLEAR GLASS SLIDING WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS AWNING WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS DOUBLE AWNING WINDOW IN UPVC WOOD FRAME	TYPE: 4" mm THK CLEAR GLASS DOUBLE AWNING WINDOW IN UPVC WOOD FRAME
ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.	ACC: LOCKSET,SCREEN, CONCEALED EDGES ETC.
LOCATION: PATHOLOGISTS OFFICE	LOCATION: MALE TOILET, FEMALE TOILET, TOILET, DRUG TEST SPECIMEN COLLECTION AREA, TB B, PATHOLOGISTS TOILET AND CHIEF MEDTECH OFFICE/CONFERENCE ROOM TOILET	LOCATION: CLIENT'S WAITING & RECEPTION AREA	LOCATION: CLIENT'S WAITING & RECEPTION AREA	LOCATION: CLIENT'S WAITING & RECEPTION AREA	LOCATION: CLIENT'S WAITING & RECEPTION AREA	LOCATION: PANTRY AREA AND LOUNGE AREA	LOCATION: PANTRY AREA AND LOUNGE AREA
NO. OF SETS: 1 SET	NO. OF SETS: 8 SETS	NO. OF SETS: 1 SET	NO. OF SETS: 1 SET	NO. OF SETS: 1 SET	NO. OF SETS: 1 SET	NO. OF SETS: 2 SETS	NO. OF SETS: 2 SETS
REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS	REMARKS : AS PER MANUFACTURERS

1

A 15

SCHEDULE OF WINDOWS

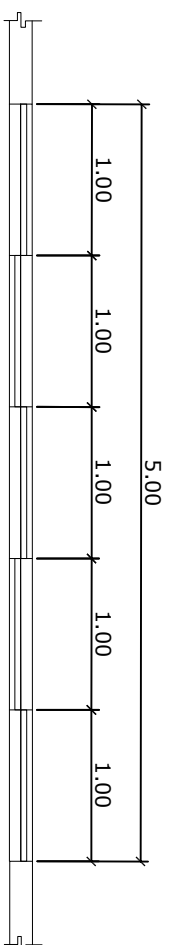
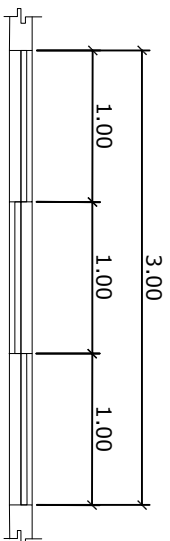
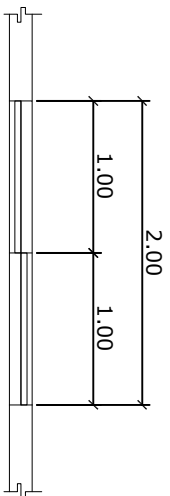
I : 50 MTS

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH  MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL  P. MONROE ST., POBLACION, MARIVELES, BATAN		DESIGN BY :  DRAWN BY : AR. JAYEND JAE D. DELA ROSA CHECKED BY : ADMINISTRATIVE ASSISTANT II REVIEWED BY :		ARCHITECT  PALOV, PAGUA, UAP ADMINISTRATIVE OFFICER I PRC REG. No. : 4344 IAPCA No. : 3886-29814-201403 PTR No. : 102849 PLACE : Mariveles, Batan		RA 9266 SECTION 33 Drawings and specifications and other contract documents fully signed and sealed by the architect and approved by the client, shall be the basis for the construction of the project. The architect shall be responsible for the design and construction of the project. The architect shall be responsible for the design and construction of the project. The architect shall be responsible for the design and construction of the project.		NOTE: Written dimensions on these drawings shall have precedence over dimensions shown on photographs, site visits, and other information. Dimensions shall be given in metric units. Dimensions shall be given in metric units. Dimensions shall be given in metric units.		CHECKED BY: CIVIL ENGINEER  MELVIN JAN A. YABUT, CE, MPA ENGINEER IV PRC REG. No. : 13198 PTR No. : 308879 PLACE : Batang City		PROJECT TITLE  PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL LOCATION: P. MONROE ST., POBLACION, MARIVELES, BATAN		RECOMMENDING APPROVAL:  VINCENT A. ISIP DIC-CHOPSS		APPROVED BY  MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		SHEET NO.:
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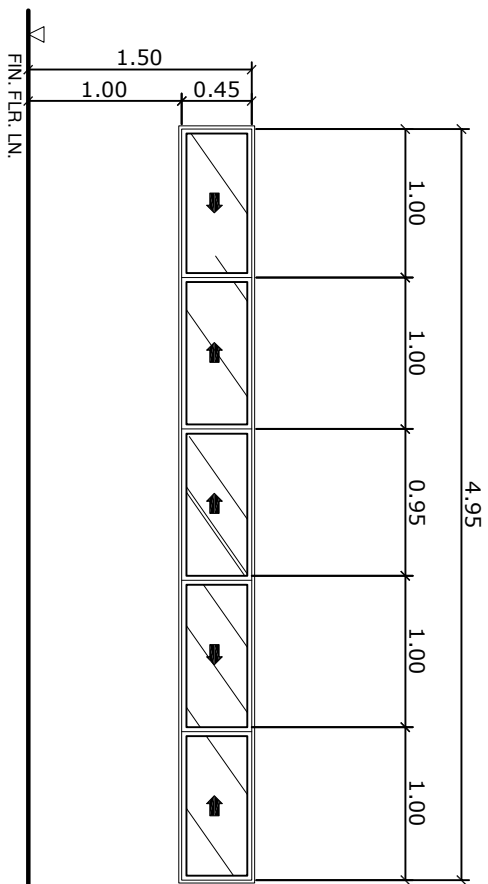
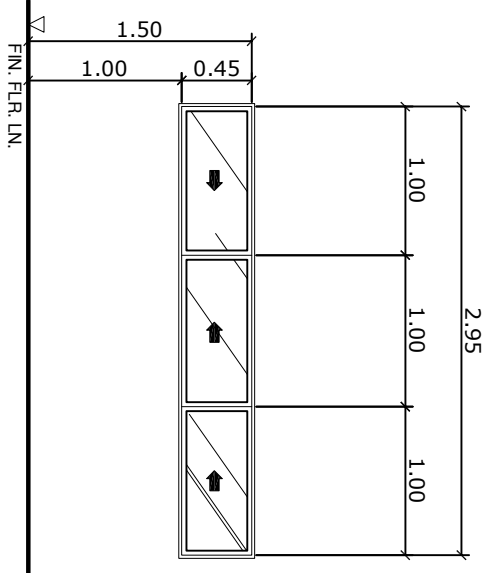
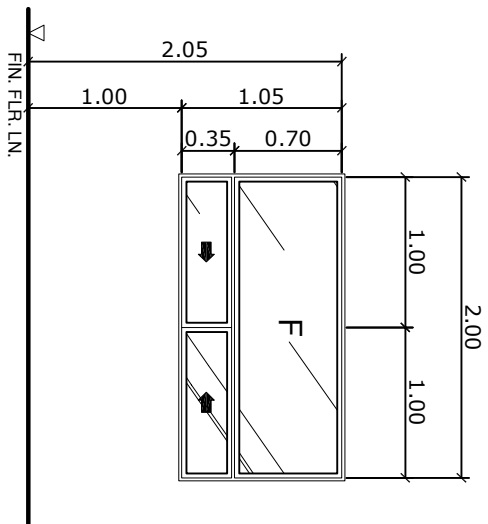
A-11







## PLAN



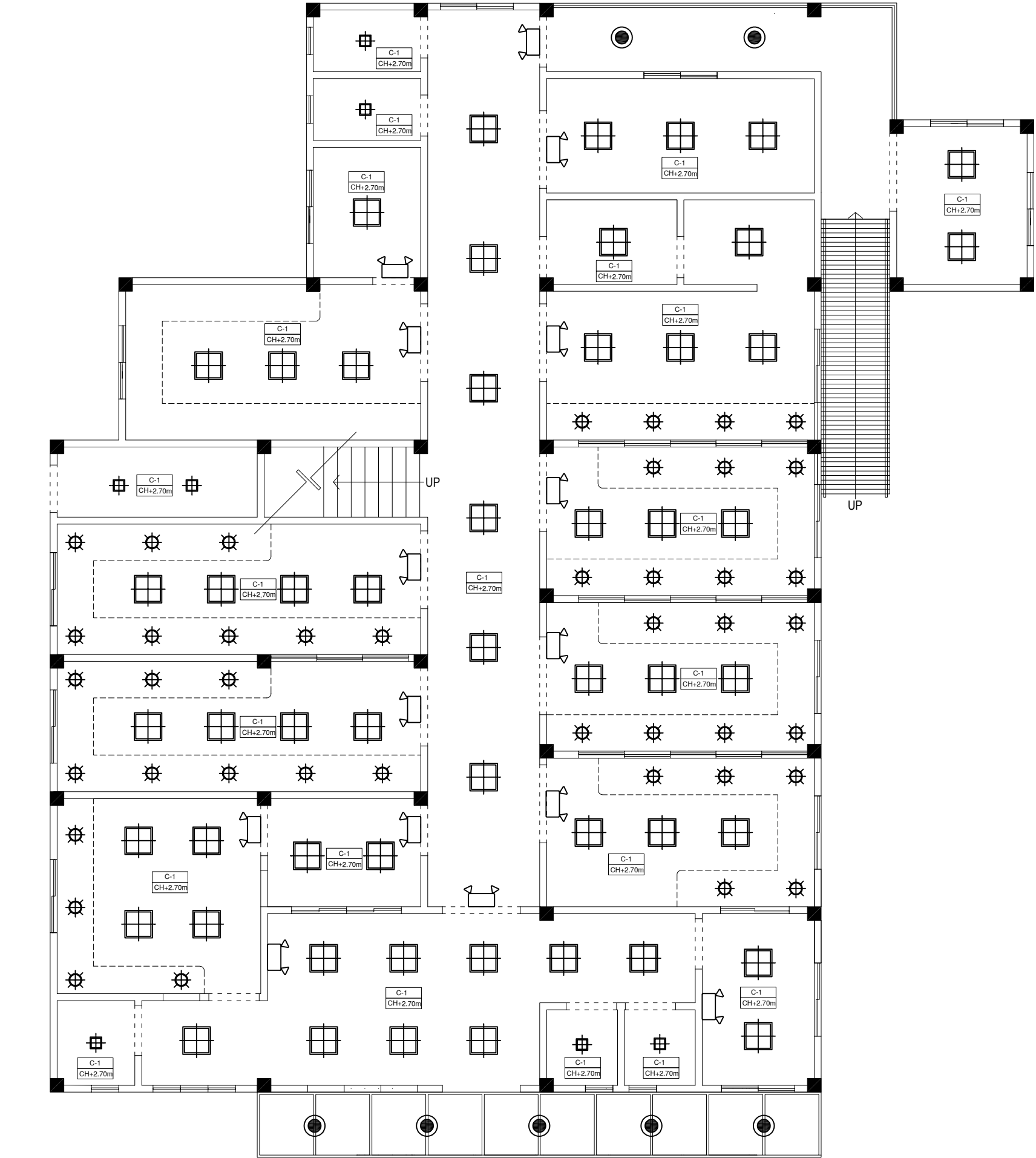
W 11		W 12		W 13	
TYPE:	4" mm THK FIXED CLEAR GLASS WITH SLIDING WINDOW IN UPVC WOOD FRAME	TYPE:	4" mm THK CLEAR GLASS SLIDING WINDOW IN UPVC WOOD FRAME	TYPE:	4" mm THK CLEAR GLASS SLIDING WINDOW IN UPVC WOOD FRAME
ACC:	LOCKSET, SCREEN, CONCEALED EDGES ETC.	ACC:	LOCKSET, SCREEN, CONCEALED EDGES ETC.	ACC:	LOCKSET, SCREEN, CONCEALED EDGES ETC.
LOCATION:	RECEIVING/TEST RESULT RELEASING COUNTER AND DRUG TESTING WORKING AREA	LOCATION:	CLINICAL MICROSCOPY AND IMMUNOLOGY/SEROLOGY	LOCATION:	MICROBIOLOGY PROCESSING ROOM, CHEMISTRY, HEMATOLOGY AND BLOOD STATION
NO. OF SETS:	1 SET	NO. OF SETS:	1 SET	NO. OF SETS:	3 SETS
REMARKS :	AS PER MANUFACTURERS	REMARKS :	AS PER MANUFACTURERS	REMARKS :	AS PER MANUFACTURERS

## SCHEDULE OF WINDOWS

A	SCALE
17	

1:50 MTS

[illegible]



LEGEND CEILING LIGHTING FIXTURE		
SYMBOL	ACTUAL IMAGE	DESCRIPTION
		3' PIN LIGHT FIXTURE COLOR: SOFT WHITE/ 3000K
		600X600MM SQUARE PANEL LIGHT
		DOWNLIGHT CANISTER LED COLOR: NEUTRAL WHITE
		DOWN WALL LAMP - SOFT WHITE/3000 K
		250X250MM SQUARE PANEL LIGHT
		EMERGENCY LIGHT



# GROUND FLOOR REFLECTED CEILING PLAN

SCALE

1 : 100 MTS

## LEGEND

C-1	4.5 mm FICEM BOARD ON .60 mm THK METAL FURRING SPACED @ 400mm & .80mm THK CHANNEL SPACED 600mm
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<div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION MARIVELES, BATAN</div> <div></div>		PREPARED BY:		ARCHITECT  PAULOV, PAGUA, UAP ADMINISTRATIVE OFFICER II		RA 9286 SECTION 33 Drawings and specifications and other related documents fully signed by the architect, shall have the same force and effect as the original, and the individual property and statements of the architect, shall be binding on the architect, and shall be used by any person to apply or use in the preparation of and for other projects or buildings, whether or not the architect is the author of said documents.		NOTE: Written dimensions on these drawings shall have precedence over dimensions shown on these drawings. Contractors must be notified of any changes or corrections immediately, and conditions must be met for the drawings to be used in the preparation of and for other projects or buildings, whether or not the architect is the author of said documents.	
DESIGN BY:		DRAWN BY:		JOSHUA R. ESCANO ADMINISTRATIVE ASSISTANT II		PRC REG. No. : 43484 IAPCA No. : 338632681430103 PTR No. : 1028103 PLACE : Mariveles, Batan		Validity : 11/02/2021 OR No. : 26483 DATE : 02-08-21 TIN : 35109566-000	
REVIEWED BY:		CHECKED BY:		MELVIN JAN A. YABUT, CE, MPA ENGINEER/IV		PRC REG. No. : 13198 PTR No. : 308879 PLACE : Batang City		Validity : 05-05-2021 DATE : 01-21-2021 TIN : 28809280	
PROJECT TITLE		APPROVED BY		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		SHEET NO.:			
PROPOSED LABORATORY COMPLEX		RECOMMENDING APPROVAL:		VINCENT A. ISIP DIC-CHOPSS		A-14			
P. MONROE ST., POBLACION, MARIVELES, BATAN		APPROVAL:		APPROVED BY					

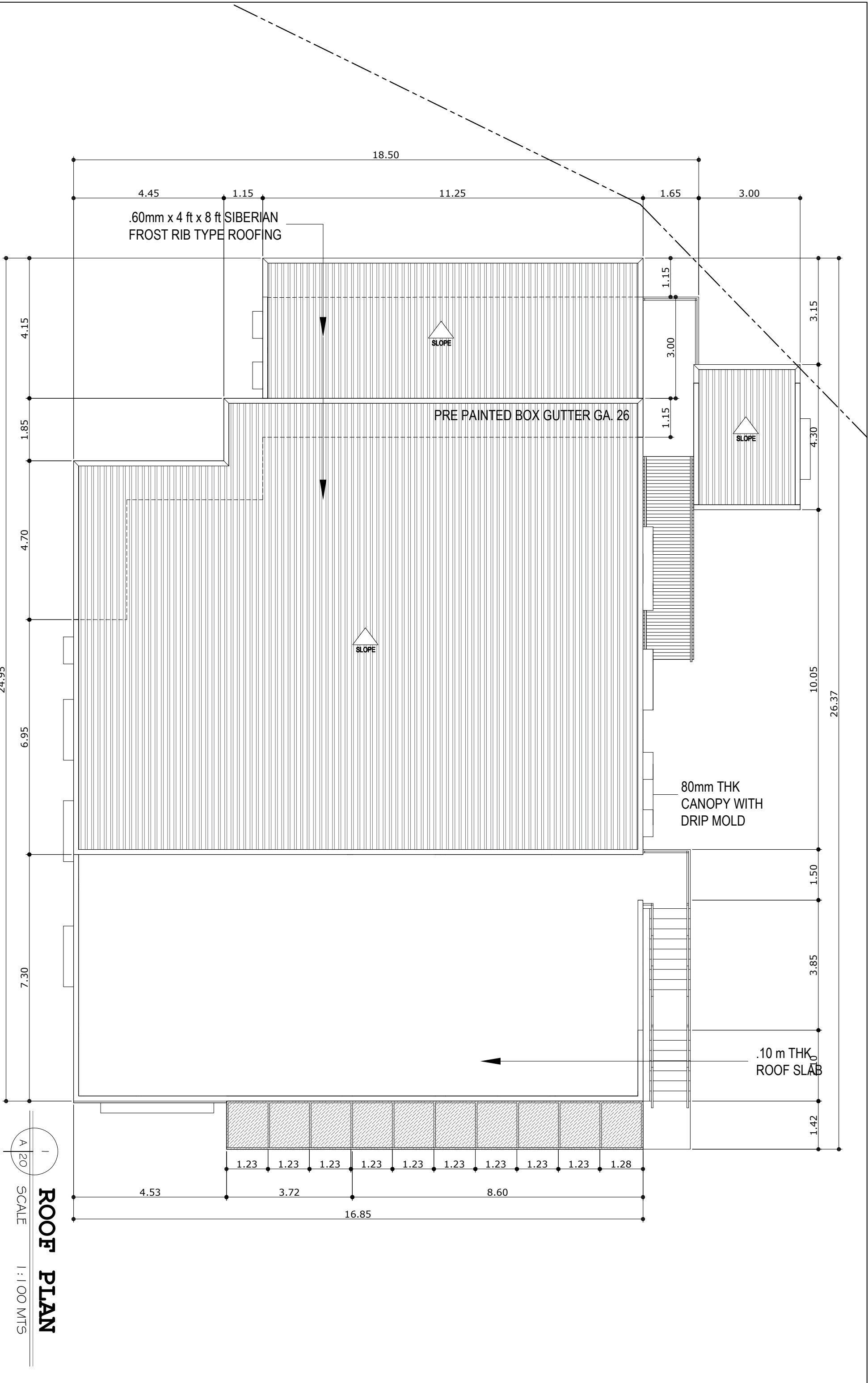




REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF HEALTH  
MARIVELES MENTAL WELLNESS  
AND  
GENERAL HOSPITAL



P. MONROE ST., POBLACION, MARIYELLES, BATAN

[illegible]





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF HEALTH  
MARIVELES MENTAL WELLNESS  
AND  
GENERAL HOSPITAL



P. MONROE ST., POBLACION, MARIVELES, BATAM

**PREPARED BY:**

BY:

BY :	JOSHUA R. ESCAÑO
	ADMINISTRATIVE ASSISTANT II

BY:

BY

ARCHITECT

**PAULO V. PAGUIA, UAP**

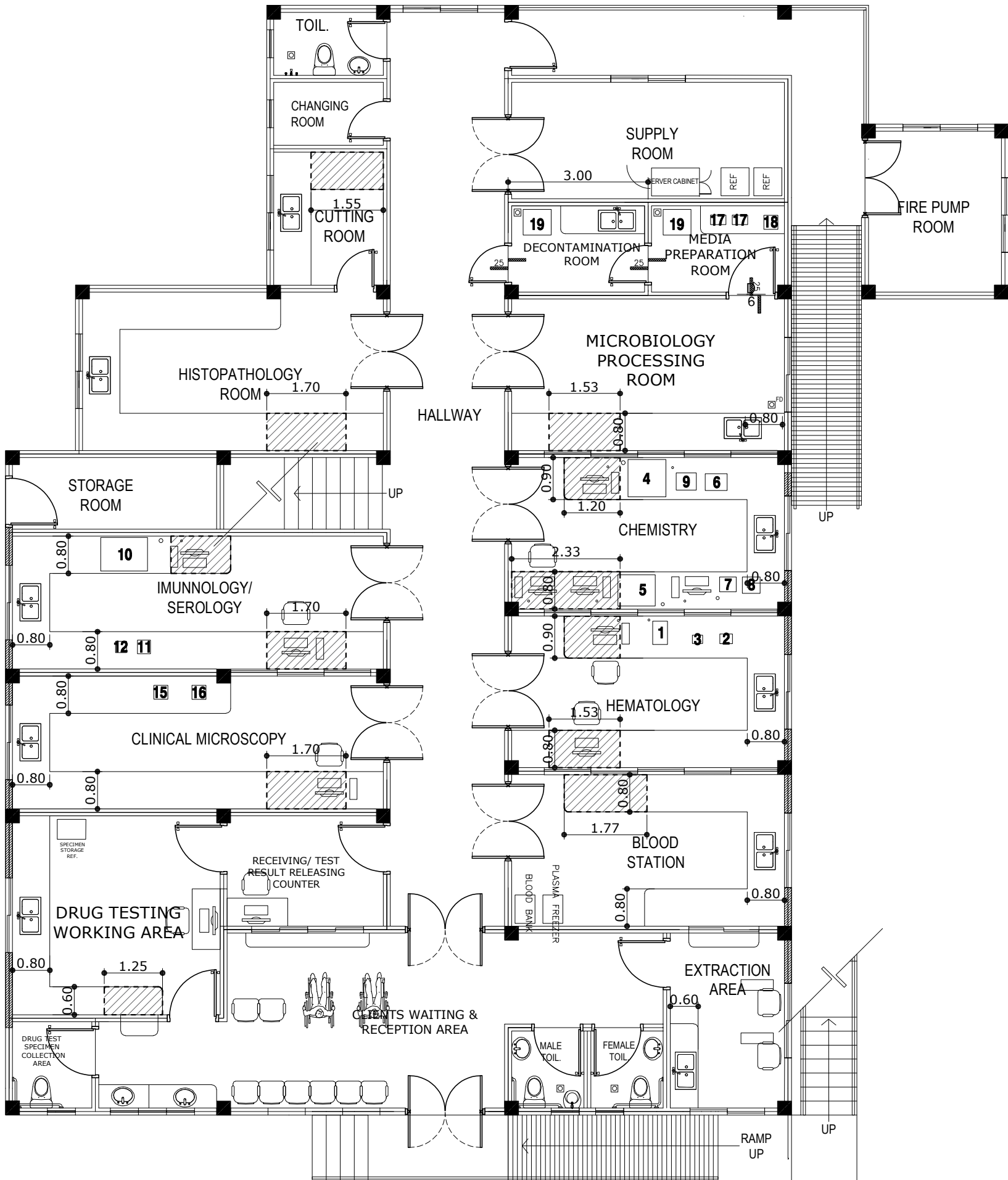
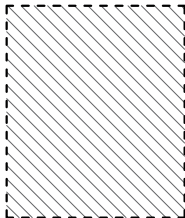
0. :	43648	Validity :	11/02/2025
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1096169	Date:	02-06
Marinebase Return	Tin:	351-05

LOCATION OF LEGROOM AREAS  
SCALE 1:100 MT

1:100 MTS

## LEGROOM AREAS UNDER COUNTERTOP



RECOMMEND

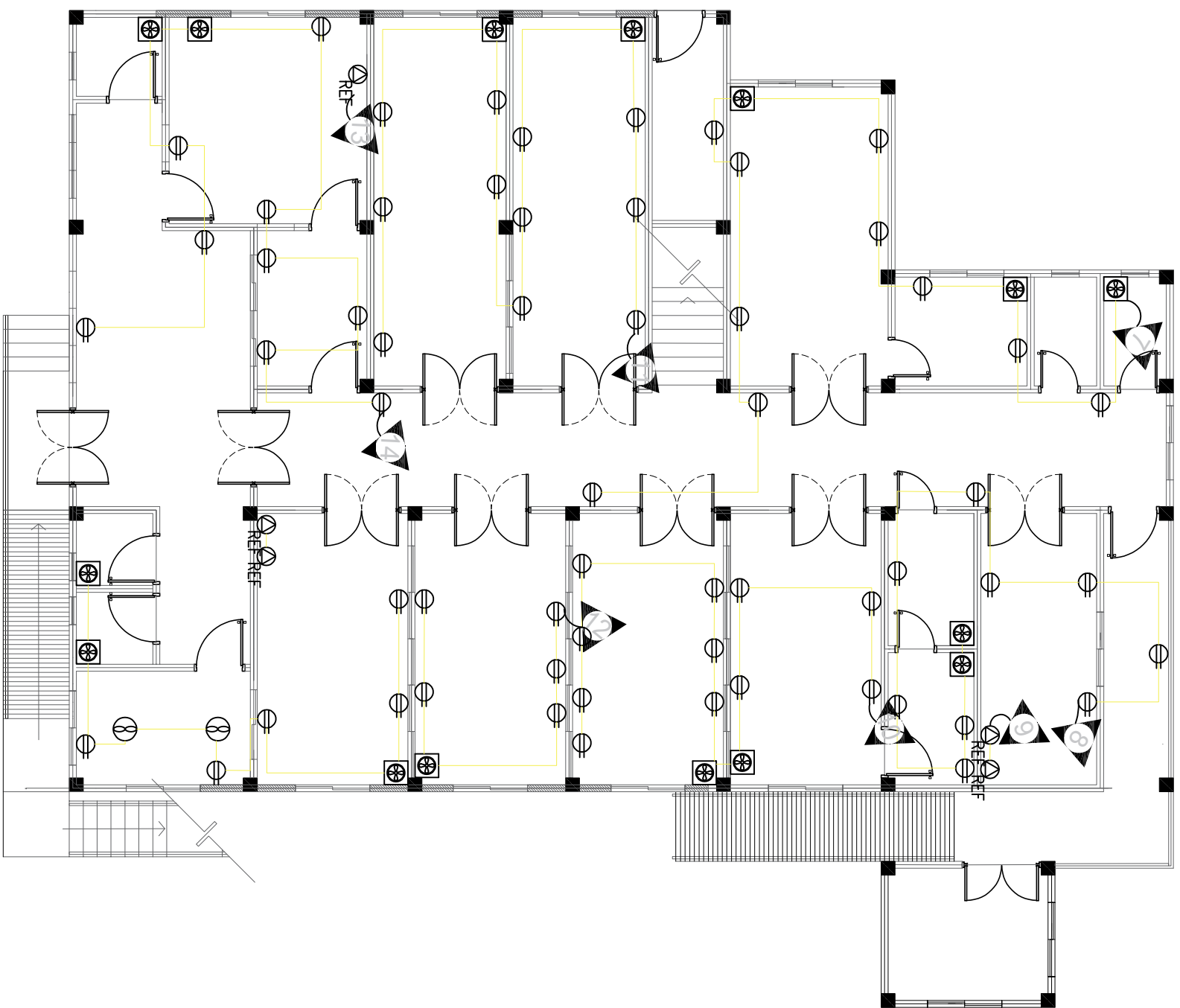
VINCENT A. ISIP  
OIC-HOPSS

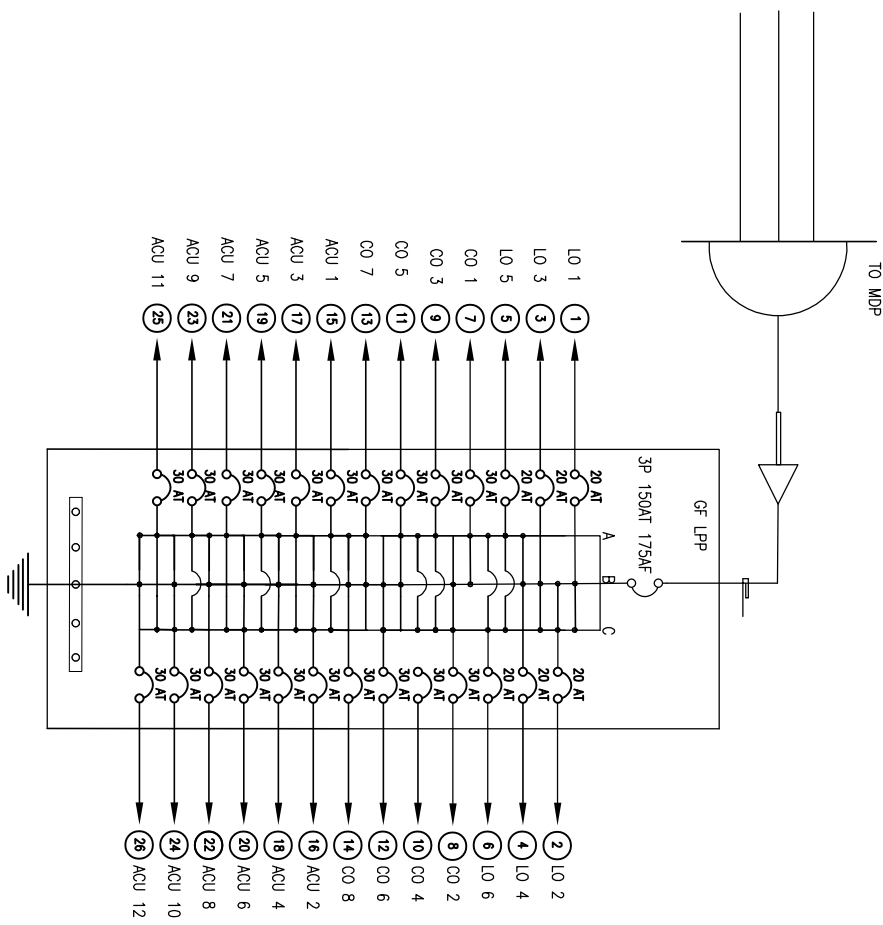
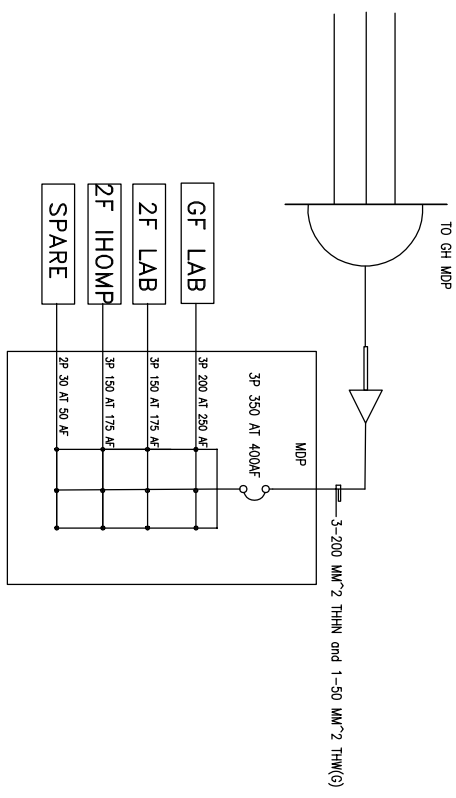
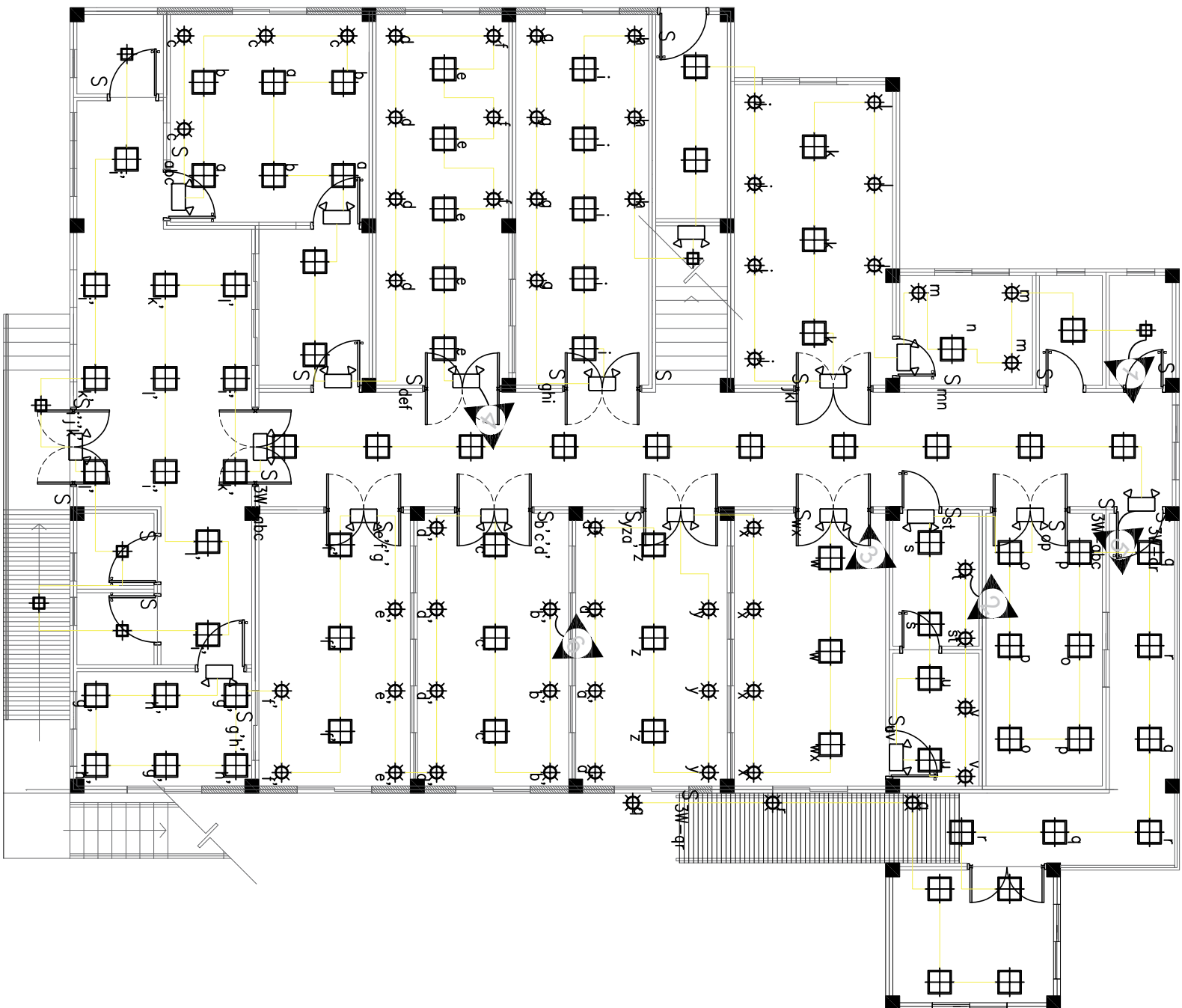
APPROVED BY

**MARIA LOURDES L. EVANGELISTA, MD, FPPA**  
CHIEF OF HOSPITAL II

SHEET NO.

# A-17





1 LIGHTING LAYOUT  
S.3 SCALE 1:150m

[illegible]



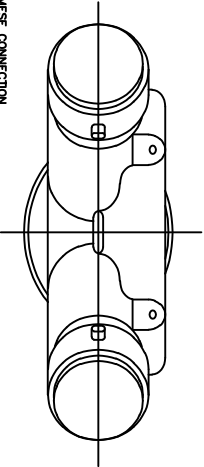
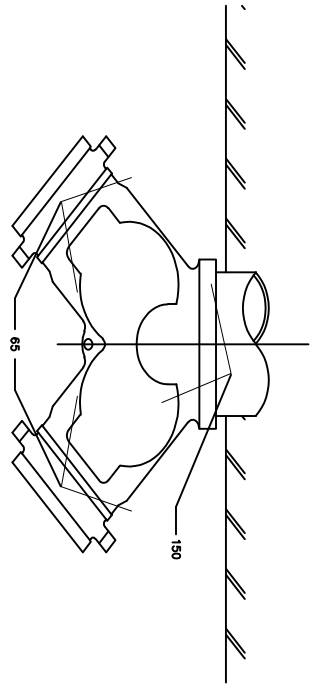


LEGEND

SCHEMATIC SYMBOL	DESCRIPTION
	RECESSED PENDENT TYPE HEAD (CHROMED FINISHED WITH ESCUTCHEON PLATE)
	UPRIGHT SPRINKLER HEAD
	CHECK VALVE
	GATE VALVE
	DRAIN VALVE
	SPRINKLER RISER
	DRY STANDPIPE RISER
	INSPECTOR TEST CONNECTION
	CROSSMAIN OR FEEDMAIN LINE
	DSP FIRE DEPT. CONNECTION SUPPLY LINE
	AFSS FIRE DEPT. CONNECTION SUPPLY LINE
	FLUSHING CONNECTION
	BRANCH LINE
	RISER NIPPLE
	TWO WAY LONGITUDINAL SWAY BRACE
	FOUR WAY (AFSS & DSP) RISER SWAY BRACE
	TWO WAY SWAY BRACE
	FIRE HOSE VALVE
	PIPE HANGER
	FIREHOSE CABINET
	ALARM CHECK VALVE ASSEMBLY
	VALTALIC COUPLING (FLEXIBLE CONNECTION)
	ALARM CHECK VALVE ASSEMBLY
	(10 LBS) DRY CHEMICAL PORTABLE FIRE EXTINGUISHER
	DRAIN LINE
	INSPECTOR TEST CONNECTION
	PRESSURE RELIEF VALVE/ PRESSURE REDUCING VALVE
	TWO WAY DSP & AFSS FIRE DEPT CONNECTION DETAILS
	TWO WAY HOSE VALVE ROO MANIFOLD
	PORTABLE FIRE EXTINGUISHER

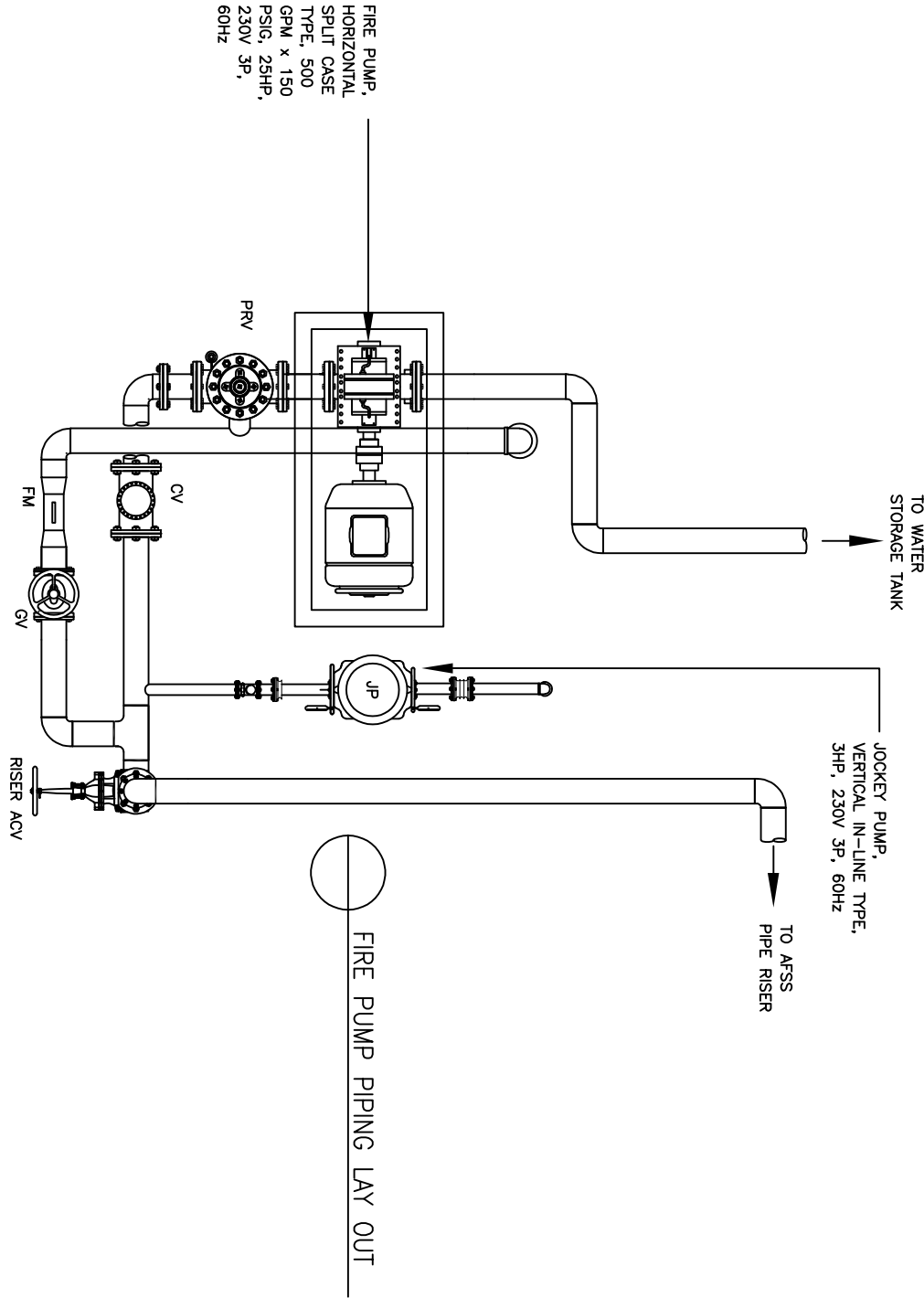
ABBREVIATION

DSP	DRY STAND PIPE
AFSS	AUTOMATIC FIRE SPRINKLER SYSTEM
GV	GATE VALVE
CV	CHECK VALVE
FCV	FLOOR CONTROL VALVE
WFS	WATER FLOW SWITCH
DV	DRAIN VALVE
OS&Y	(OUT SIDE SCREW & YOKE) GATE VALVE
FWV	FIRE HOSE VALVE
FHC	FIRE HOSE CABINET
FC/VC	FLEXIBLE CONNECTOR/VALTALIC COUPLING
PFE	PORTABLE FIRE EXTINGUISHER
CO2	CARBON DIOXIDE
ACV	ALARM CHECK VALVE
PRV	PRESSURE RELIEF VALVE
ITC	INSPECTOR TEST CONNECTION
DL	DRAIN LINE
RN	RISER NIPPLE
FM	FLOW METER



NOTE:  
COVER FOR SIAMESE CONNECTION  
SHOULD BE PROVIDED WITH CHAIN

FIRE DEPARTMENT CONNECTION DETAIL (SIAMESE TWIN)

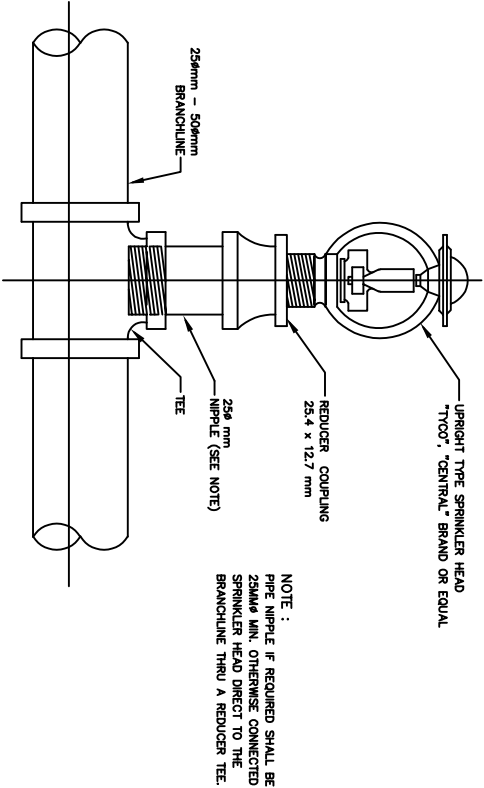


GENERAL NOTES:

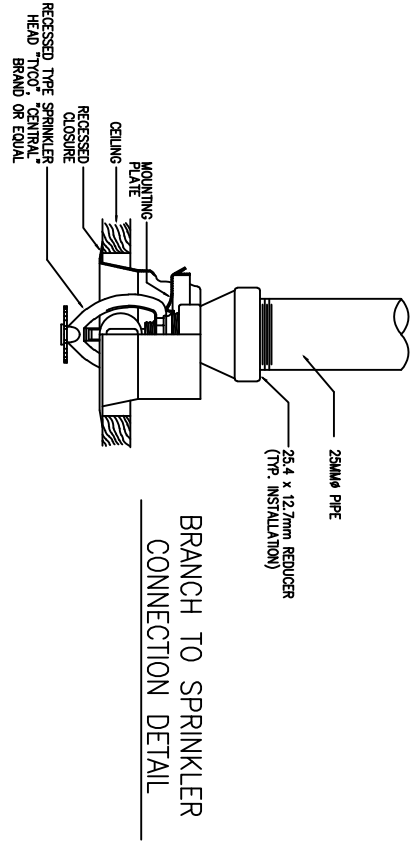
1. ALL WORKS WERE EXECUTED IN ACCORDANCE TO THE PROVISIONS OF THE FIRE CODE OF THE PHILIPPINES & THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA-13) STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS.
2. THE WORKS EXECUTED IN CLOSE COORDINATION WITH OTHER TRADES.
3. PIPES INSTALLED WERE STANDARD B.I. SCHEDULE 40 (ERW) AND CONFORMED TO ASTM-A53. PIPES INSTALLED LARGER THAN 50MMØ, THE FITTINGS CONNECTION ARE BUTT WELDED TYPE, PIPE SMALLER THAN 50MMØ, THE FITTINGS CONNECTION ARE THREADED MALLEABLE IRON TYPE.
4. ALL PORTABLE FIRE EXTINGUISHER (PFE) ARE "ABC" TYPE DRY CHEMICAL (INSIDE FIRE HOSE CABINETS & COMMON AREAS).

MATERIAL SPECIFICATIONS:

- FIRE LINES                      BLACK IRON (B.I.) ERW PIPES SCHEDULE 40 STANDARD CONFORMED TO ASTM-A53 "GOODYEAR" BRAND.
- GATE VALVES                      GATE VALVES ARE OUTSIDE SCREW AND YOKE (OS & Y) TO ASTM B-62 CHECK AND GLOBE VALVES TO ASTM B-62.
- SPRINKLER HEADS                      ALL SPRINKLER HEADS, PENDENT & UPRIGHT ARE RATED 68°C (155°F).



NOTE :  
PIPE NIPPLE IF REQUIRED SHALL BE 25MMØ MIN. OTHERWISE CONNECTED SPRINKLER HEAD DIRECT TO THE BRANCHLINE THRU A REDUCER TEE.



<div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH</div> <div>MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div>		<div>PREPARED BY:</div>		<div>ARCHITECT</div>		<div>RA 9266 SECTION 33</div> <div>Drawings and specifications and other contract documents fully signed, stamped or sealed, as instruments of service, shall be the basis for the construction of the work. The architect shall be responsible for the accuracy of the dimensions, quantities, and materials of the building. The architect shall be responsible for the accuracy of the dimensions, quantities, and materials of the building. The architect shall be responsible for the accuracy of the dimensions, quantities, and materials of the building.</div>		<div>NOTE:</div> <div>Written dimensions on these drawings shall have precedence over dimensions on any other drawings. Dimensions shall be taken from the center of the object unless otherwise indicated. Dimensions shall be taken from the center of the object unless otherwise indicated. Dimensions shall be taken from the center of the object unless otherwise indicated.</div>		<div>CHECKED BY:</div> <div>CIVIL ENGINEER</div>		<div>PROJECT TITLE</div>		<div>RECOMMENDING APPROVAL:</div>		<div>APPROVED BY</div>		<div>SHEET NO.:</div>					
<div>DESIGN BY:</div>		<div>MARCO M. DELA CRUZ</div>		<div>PAULO V. PAGUA, UAP</div>		<div>ADMINISTRATIVE ASSISTANT I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>MELVIN JAN A. YABUT, CE, MPA</div>		<div>ENGINEER/IV</div>		<div>PROPOSED LABORATORY COMPLEX</div>		<div>MARIA LOURDES L. EVANGELISTA, MD, FPPA</div>		<div>CHIEF OF HOSPITAL II</div>		<div>F-1</div>			
<div>DRAWN BY:</div>		<div>ADMINISTRATIVE ASSISTANT I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>		<div>ADMINISTRATIVE OFFICER I</div>			
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REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF HEALTH  
MARIVELES MENTAL WELLNESS  
AND  
GENERAL HOSPITAL



P. MONROE ST., POBLACION, MARIVELES, BATMAN

PREPARED BY:

--	--

MARCO M. DELA

[illegible]

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ARCHITECT

PAULOV V. PAGUIA, UAP

ADMINISTRATIVE OFFICER I

0. :	43648	Validity :	11/02/27
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1098159	Date: 02-08
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SCALE

# FIRE SPRINKLER LAYOUT

1:150 meters

CHECKED BY:

CM

1

3

BOC BEC No. : 1

PTR No.: 3

PROJECT TITLE

## PROPOSED LABORATORY COMPLEX

MANUEL MENDIOLA WELLES AND GENERAL HOSPITAL

[illegible]

## RECOMMEND

APPROVAL:

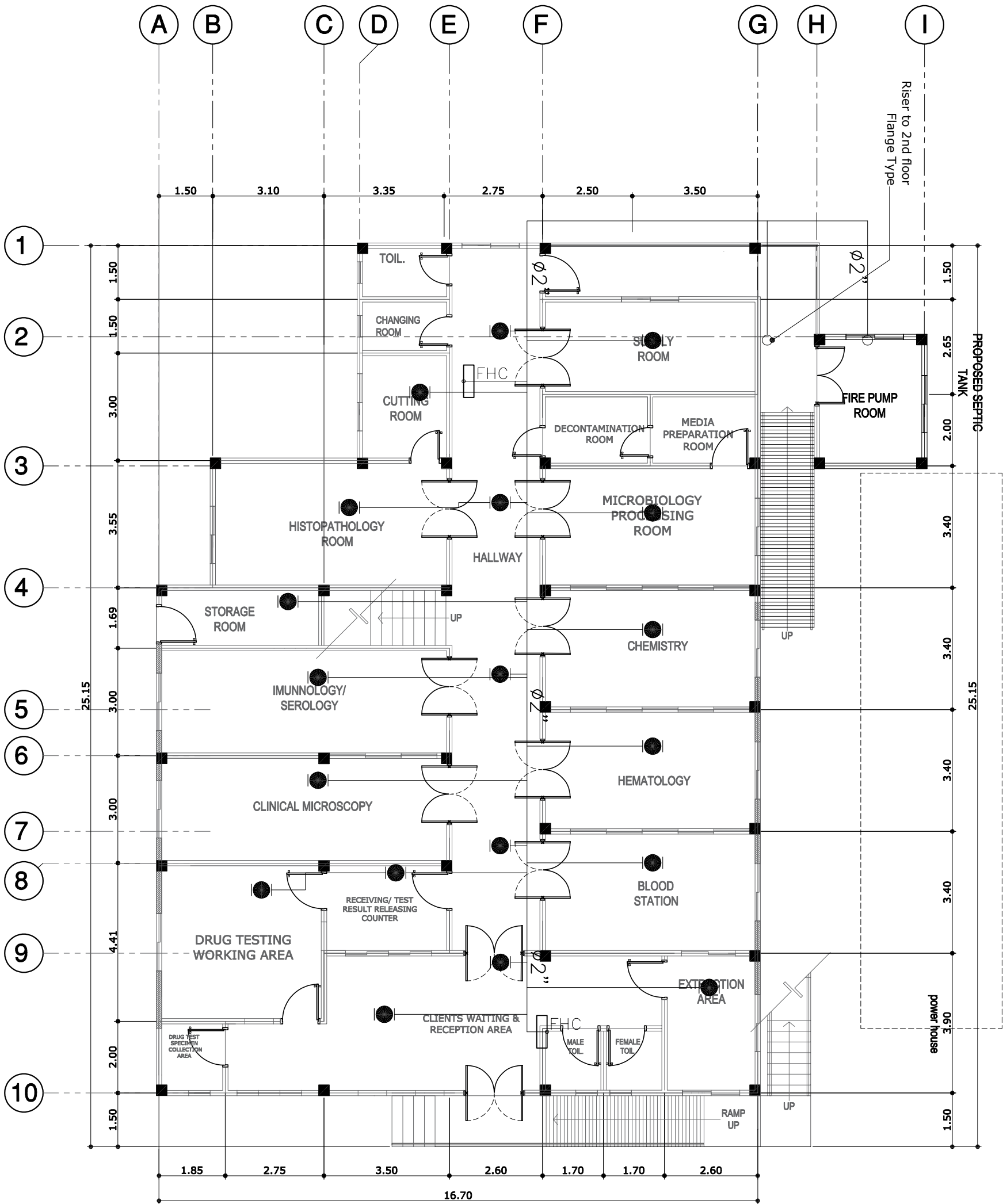
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APPROVED BY

MARIA LOURDES L. EVANGELISTA, MD, FPPA  
CHIEF OF HOSPITAL II

**73**

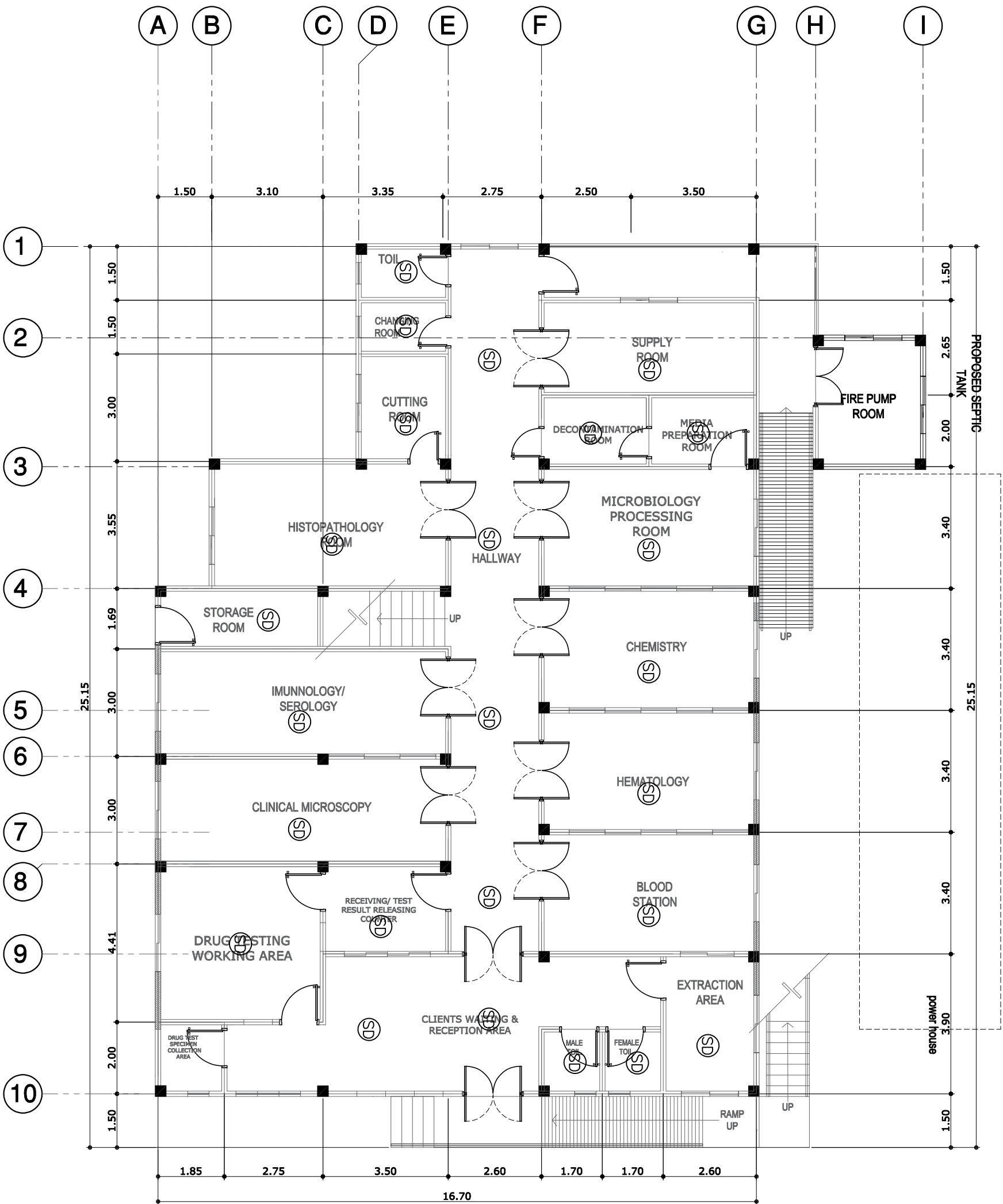




REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF HEALTH  
MARIVELES MENTAL WELLNESS  
AND  
GENERAL HOSPITAL



P. MONROE ST., POBLACION, MARIVELES, BATMAN

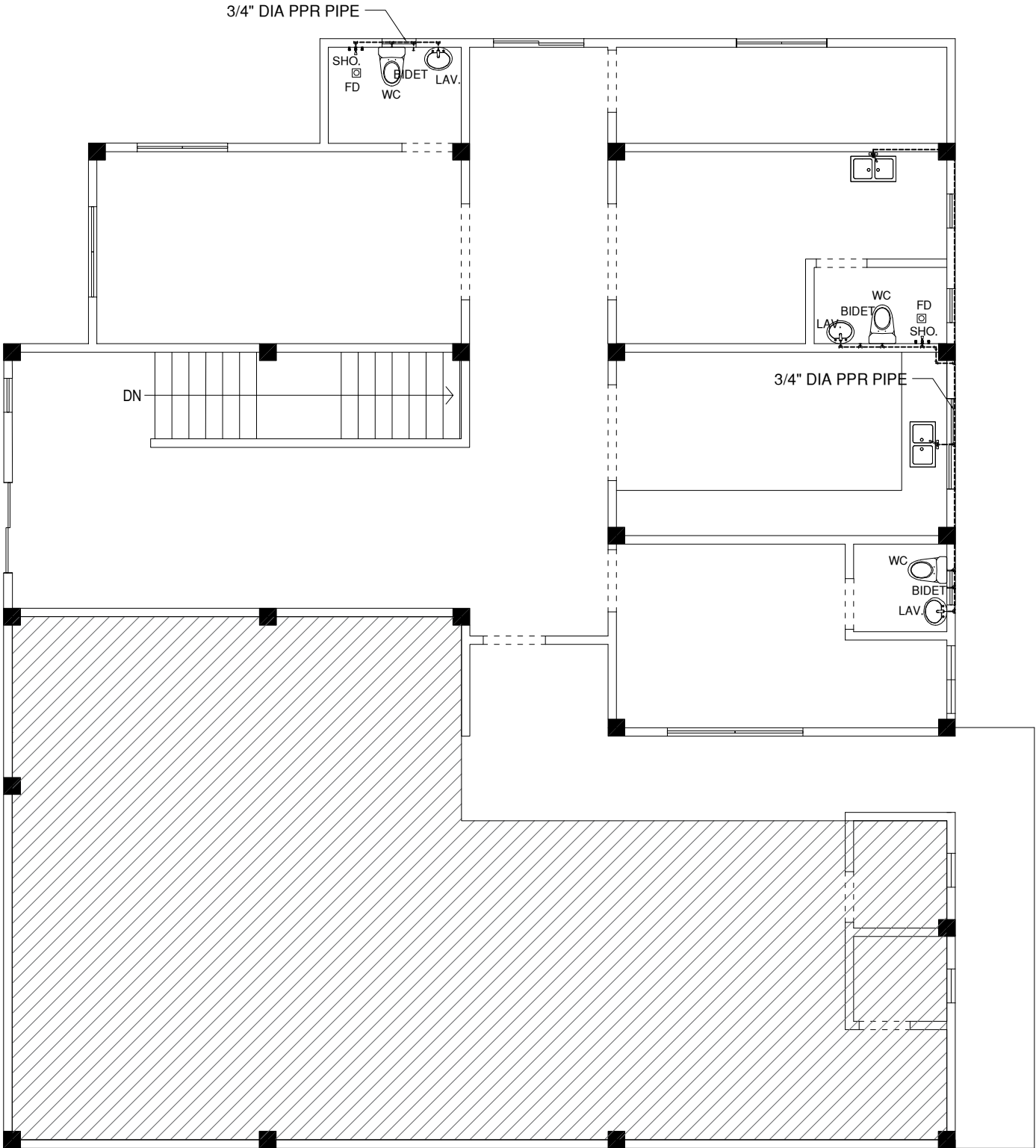
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1. Submit shop drawings / product manual/ samples/ methodology / quality standard for Architect, Engineer's and Management approval prior to execution.

2. Verify existing site condition and dimensions prior to implementation. No work shall commence without the specific approval by the Engineers and Architect

3. All works must be coordinated with all trades. Any conflict or discrepancies in the contract documents shall be brought to the attention of the Engineer/ Architect for resolution, prior to construction of such item.



LABORATORY BUILDING

SECOND FLOOR WATER LINE LAYOUT



1 : 100mts

SCALE

I

P

2

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION MARIVELES, BATAN		 	
PREPARED BY:		ARCHITECT	
DESIGN BY :		PAULOV, PAGUA, UAP	
DRAWN BY : AR. JAYEND MUE D. DELA ROSA		ADMINISTRATIVE ASSISTANT II	
CHECKED BY :		PRC REG. No. : 4344 PRR No. : 388632681430103 PLACE : Mariveles, Batan	
REVIEWED BY :		Validity : 11/02/2021 OR No. : 24803 DATE : 02-08-21 TIN : 351195566-000	
RA 9266 SECTION 33		NOTE:	
Drawings and specifications and other contract documents fully signed and sealed by the Architect, Engineer, and the individual properly and statements of the architect, engineer, and the individual properly made is required or not it shall be unlawful for any person to apply or use in the execution of and for other projects or buildings, whether existing or new, or for other purposes or for other purposes, without the written consent of the architect or the engineer or the individual shown by these drawings.		written dimensions on these drawings shall have been made by the architect, engineer, and the individual properly and statements of the architect, engineer, and the individual properly made is required or not it shall be unlawful for any person to apply or use in the execution of and for other projects or buildings, whether existing or new, or for other purposes or for other purposes, without the written consent of the architect or the engineer or the individual shown by these drawings.	
CHECKED BY:		ELECTRICAL ENGINEER	
JOHNIEL JUNE M. VILLANUEVA		ENGINEER III	
PRC REG. No. :		Validity :	
PRR No. :		Date :	
PLACE:		TIN :	
PROJECT TITLE		PROPOSED LABORATORY COMPLEX	
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		LOCATION:	
P. MONROE ST., POBLACION, MARIVELES, BATAN		RECOMMENDING APPROVAL:	
VINCENT A. ISIP		D/C-HOPS	
APPROVED BY		MARIA LOURDES L. EVANGELISTA, MD, FPPA	
CHIEF OF HOSPITAL II		SHEET NO.:	
P-2			

1.

Submit shop drawings / product manual/ samples/ methodology / quality standard for Architect, Engineer's and Management approval prior to execution.
2.

Verify existing site condition and dimensions prior to implementation. No work shall commence without the specific approval by the Engineers and Architect
3.

All works must be coordinated with all trades. Any conflict or discrepancies in the contract documents shall be brought to the attention of the Engineer/ Architect for resolution, prior to construction of such item.

LABORATORY BUILDING

GROUND FLOOR WATER LINE LAYOUT ISOMETRIC VIEW

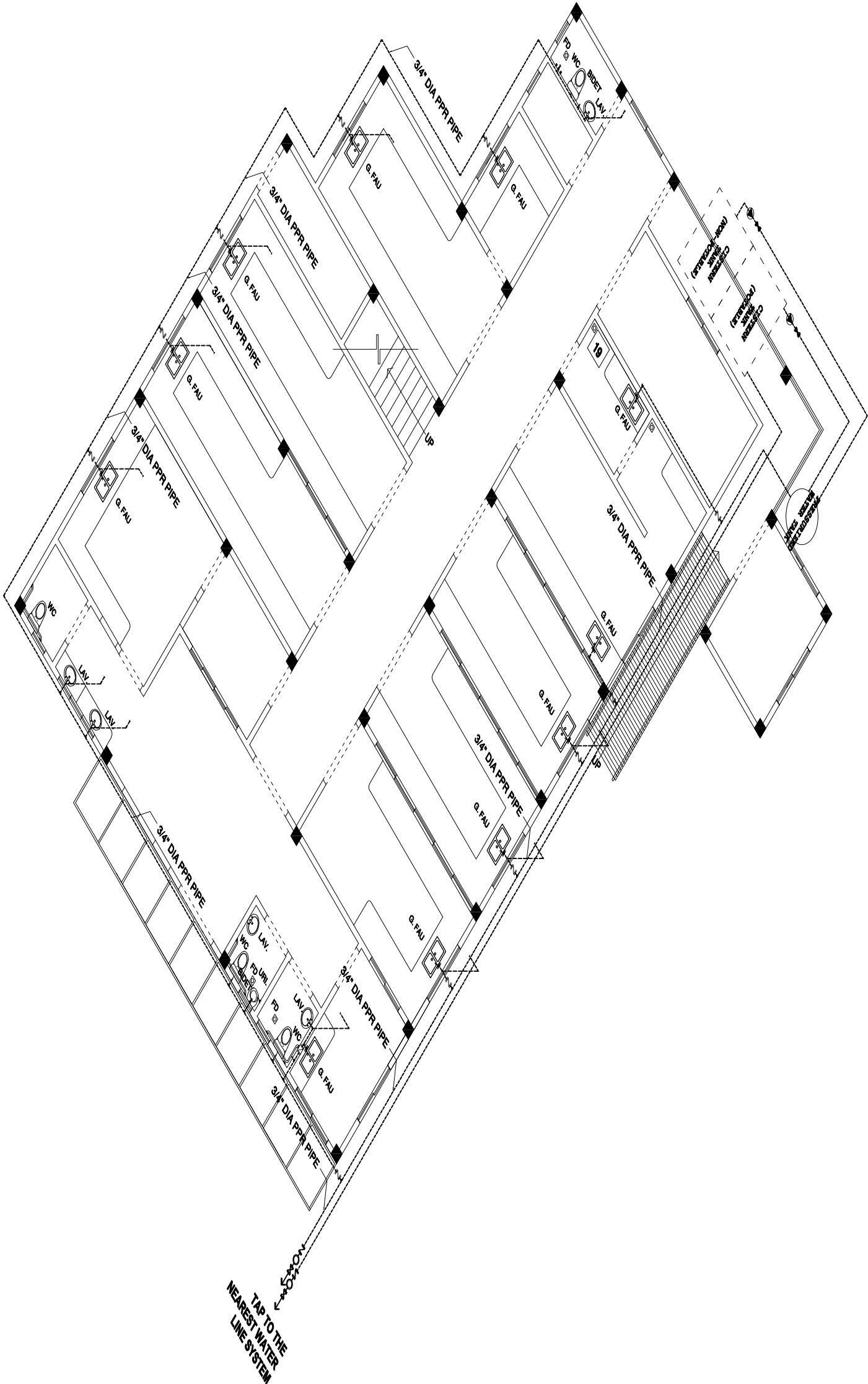
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SCALE

1 : 1 00mts



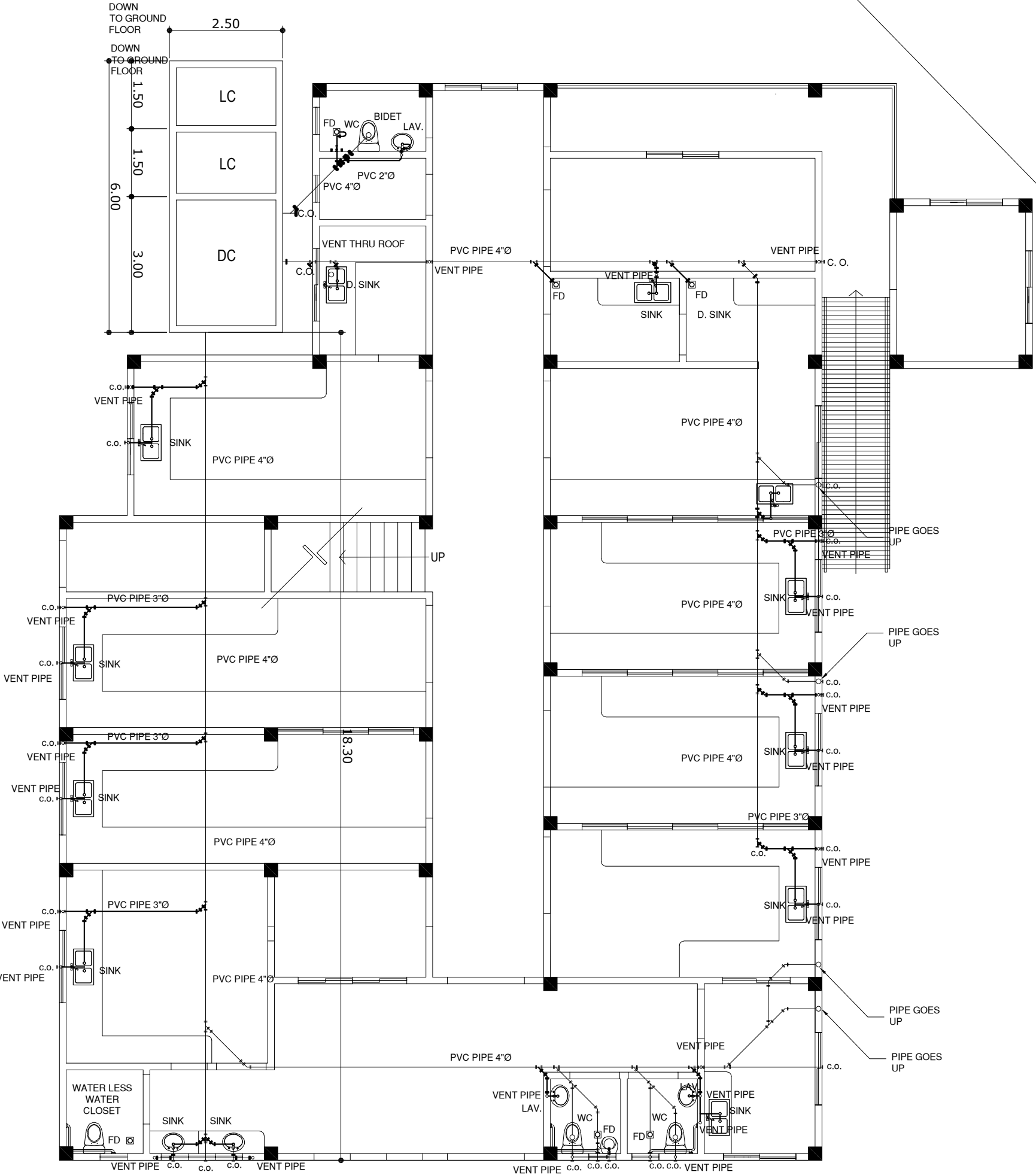
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH		ARCHITECT		RA 9268 SECTION 33		NOTE:		PROJECT TITLE		RECOMMENDING APPROVAL:		APPROVED BY		SHEET NO.:					
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		DESIGN BY : DRAWN BY : CHECKED BY : REVIEWED BY :		PAULOV, PAGUA, UAP ADMINISTRATIVE OFFICER I		Drawings and specifications and other contract documents fully signed and sealed by the Architect, Engineer and Accountant of the building, shall be the basis for the construction and dimensions of the building. No work shall commence without the specific approval by the Engineer/ Architect for resolution, prior to construction of such item.		ELECTRICAL ENGINEER		JOHNIEL JUNE M. VILLANUEVA ENGINEER III		PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		VINCENT A. ISIP DIC-HOPS		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		P-3	
P. MONROE ST., POBLACION MARIVELES, BATAN		PRC REG. No. : PTR No. : PLACE :		4344 1028103 Mindoro, Batan		Validity : OR No. : DATE : TIN :		PRC REG. No. : PTR No. : PLACE :		11022021 24943 02-08-21 35109564-000		PRC REG. No. : PTR No. : PLACE :		Validity : DATE : TIN :		P. MONROE ST., POBLACION MARIVELES, BATAN			



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LABORATORY BUILDING

GROUND FLOOR SEWER LINE LAYOUT

1 : 100mts

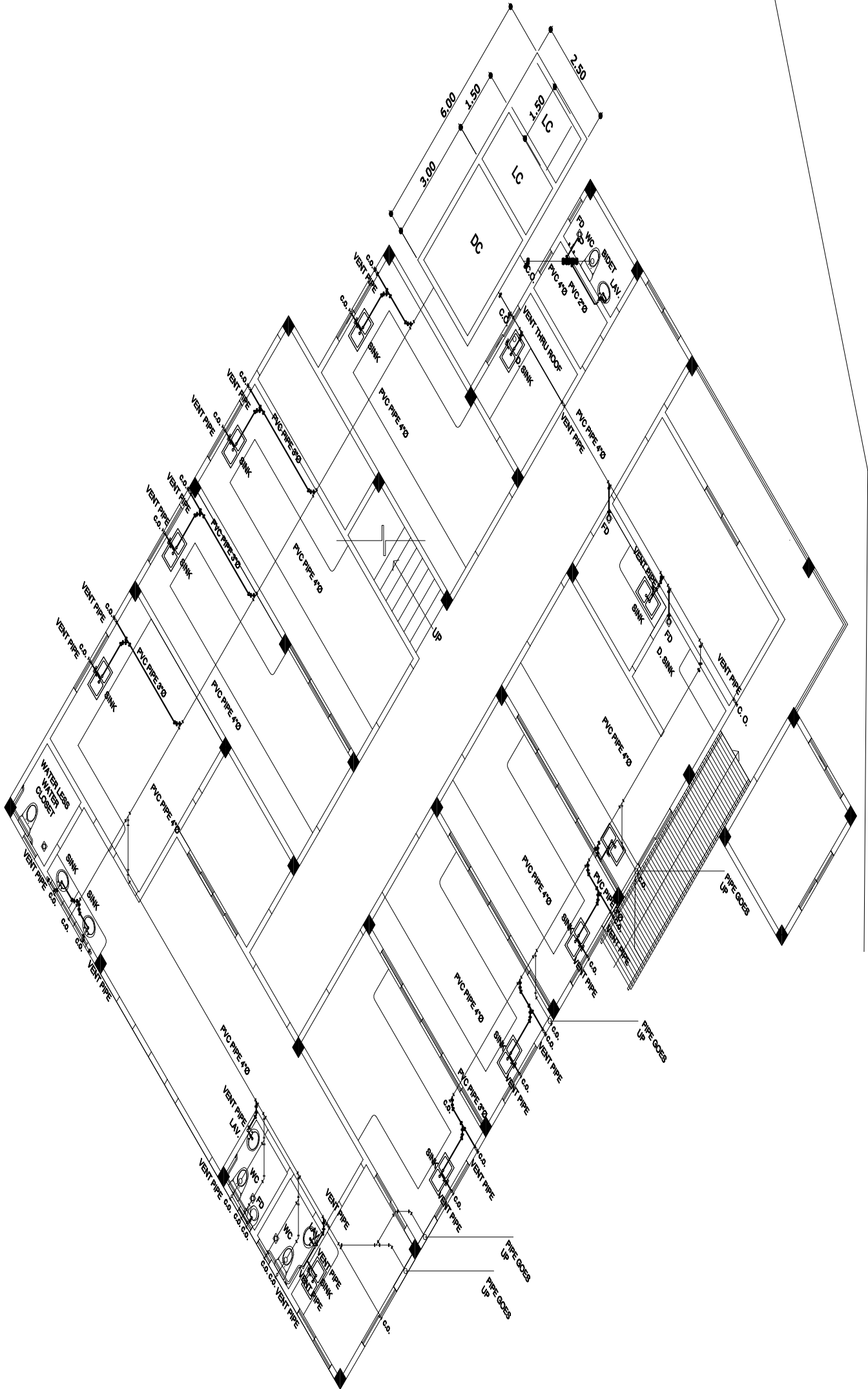
SCALE

<div><div><div><div><div><div></div></div><div>REPUBLIC OF THE PHILIPPINES</div><div>DEPARTMENT OF HEALTH</div><div>MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div><div>GENERAL HOSPITAL</div></div><div><div><div></div></div><div>P. MONROE ST., POBLACION MARIVELES, BATAN</div></div></div><div><div><div></div></div><div>RA 9266 SECTION 33</div><div>NOTE:</div></div></div></div>	PREPARED BY:		ARCHITECT	PAULOV, PAGUA, UAP ADMINISTRATIVE OFFICER III	PRC REG. No. : 4348 IAPCA No. : 38863281420103 PTR No. : 1028109 PLACE : Mariveles, Batan	Validity : 11/02/2021 OR No. : 24803 DATE : 02-08-21 30109566-000	CHECKED BY:	ELECTRICAL ENGINEER	JOHNIEL JUNE M. VILLANUEVA ENGINEER III	PRC REG. No. : PTR No. : Validity : DATE : PLACE :	PROJECT TITLE	PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL	LOCATION: P. MONROE ST., POBLACION, MARIVELES, BATAN	RECOMMENDING APPROVAL:	VINCENT A. ISIP DIC-CHOPSS	APPROVED BY	MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II	SHEET NO.:		
	DESIGN BY:	DRAWN BY:																	CHECKED BY:	REVIEWED BY:
	AS JAZENDI MAE D. DEAROSA	ADMINISTRATIVE ASSISTANT III																		

1. Submit shop drawings / product manual/ samples/ methodology / quality standard for Architect, Engineers and Management approval prior to execution.

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ISOMETRIC

GROUND FLOOR SEWER LINE LAYOUT

1

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P

SCALE

1 : 1 00mts

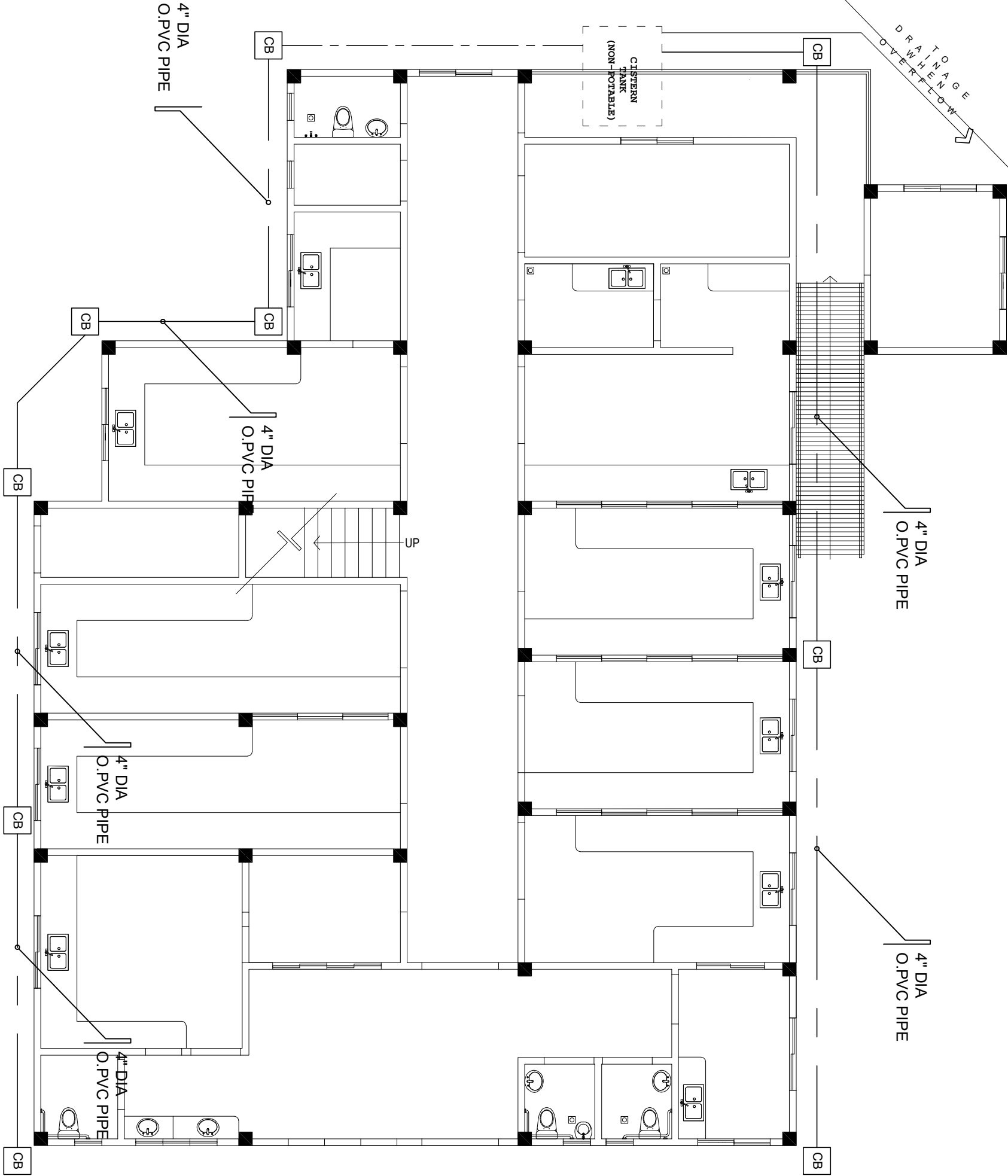
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH		ARCHITECT		RA 9268 SECTION 33		NOTE:		PROJECT TITLE		RECOMMENDING APPROVAL:		APPROVED BY		SHEET NO.:					
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		DESIGN BY : DRAWN BY : CHECKED BY : REVIEWED BY :		PALOV, PAGUA, UAP ADMINISTRATIVE OFFICER I		Drawings and specifications and other contract documents fully signed and sealed by the Architect, Engineer, and the individual properly and accurately of the original and dimensions of the building, and dimensions and conditions are made is recorded or not it shall be unlawful for any person to duplicate or use in the replication of and for other projects or building, whether directly or indirectly, and dimensions and conditions shown by these drawings.		ELECTRICAL ENGINEER		JOHNIEL JUNE M. VILLANUEVA ENGINEER III		PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		VINCENT A. ISIP DIC-HPSS		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		P-5	
P. MONROE ST., POBLACION MARIVELES, BATAN		PRC REG. No. : PTR No. : PLACE :		4344 1028109 Mariveles, Batan		Validity : OR No. : DATE : TIN :		PRC REG. No. : PTR No. : PLACE :		4344 1028109 Mariveles, Batan		Validity : OR No. : DATE : TIN :		PRC REG. No. : PTR No. : PLACE :		4344 1028109 Mariveles, Batan		Validity : OR No. : DATE : TIN :	

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LABORATORY BUILDING

STORM DRAINAGE LAYOUT

1 : 100mts

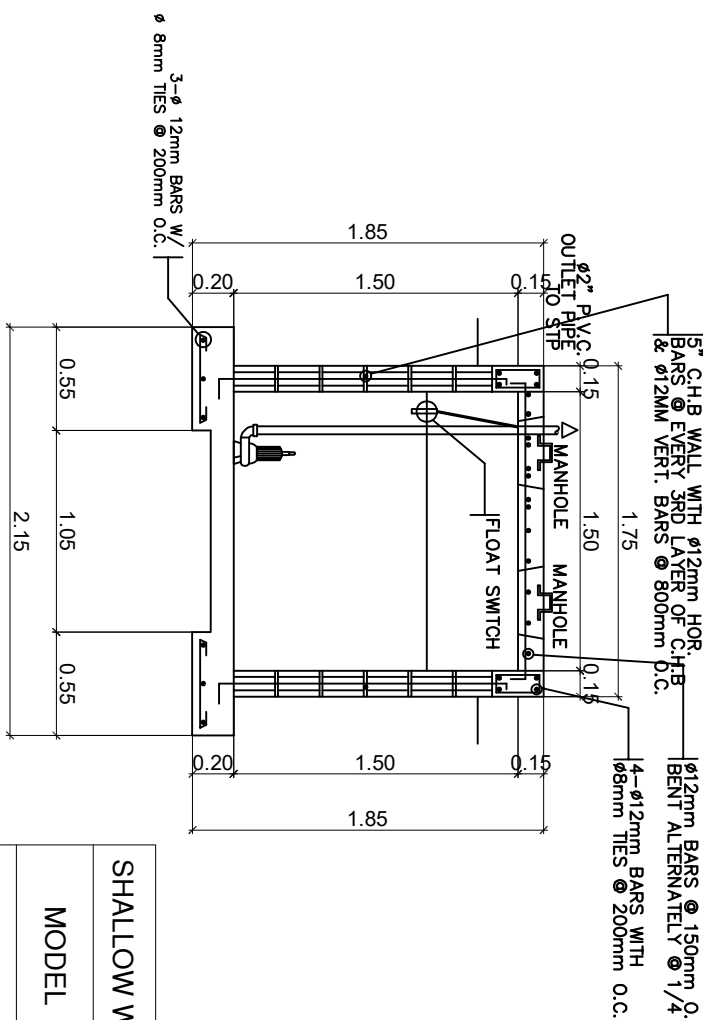
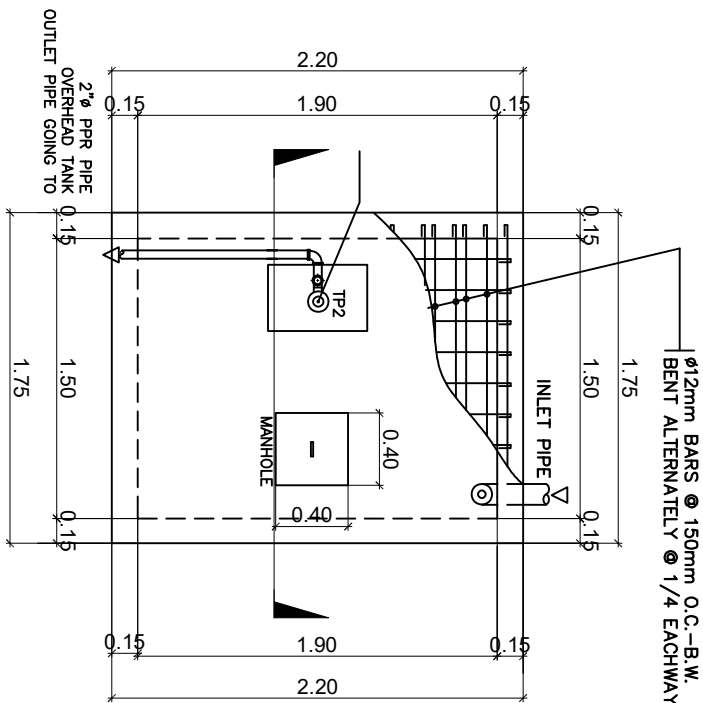
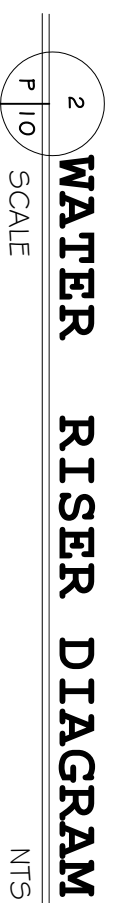
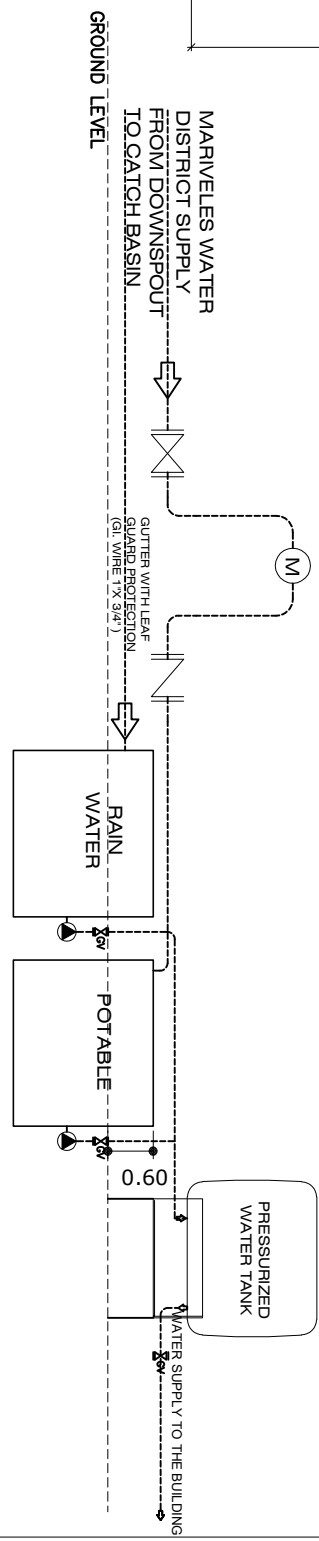
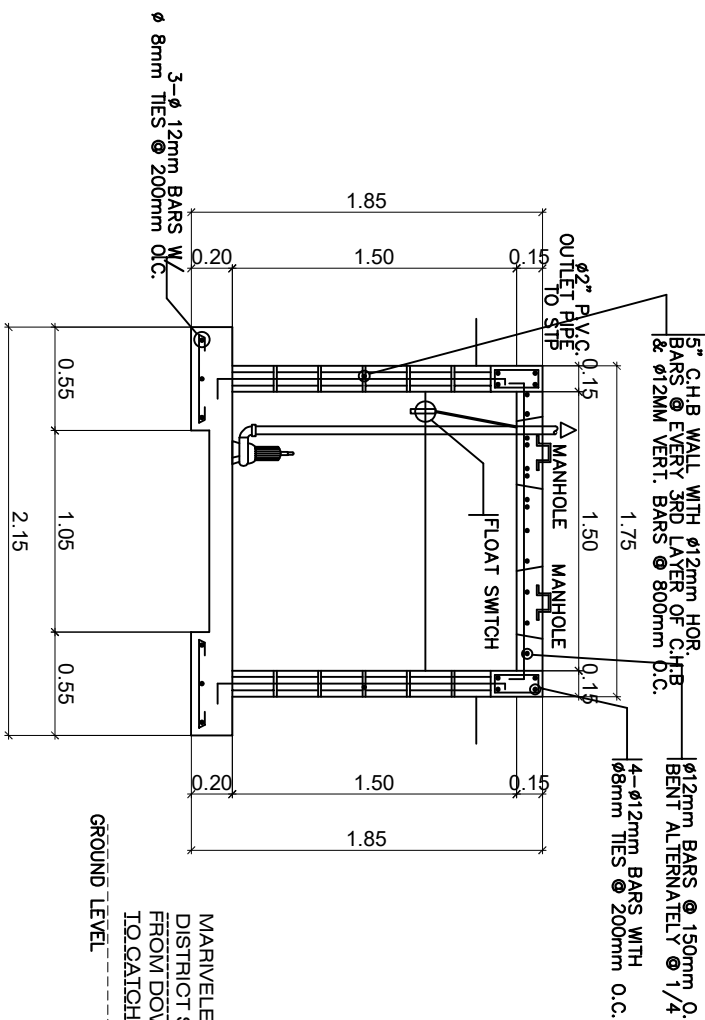
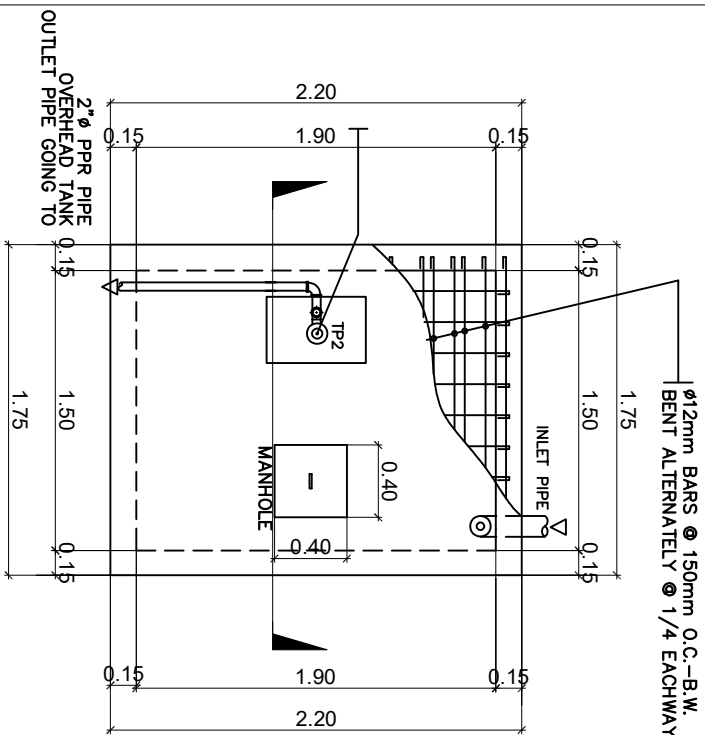
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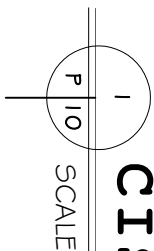
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH		ARCHITECT		RA 9268 SECTION 33		NOTE:		PROJECT TITLE		RECOMMENDING APPROVAL:		APPROVED BY		SHEET NO.:					
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		DESIGN BY : DRAWN BY : CHECKED BY : REVIEWED BY :		PAULOV, PAGUA, UAP ADMINISTRATIVE OFFICER I		Drawings and specifications and other contract documents fully signed and sealed by the Architect, Engineer and Accountant of the architect-engineer team, and the individual professional seal, stamp, and signature of the Architect, Engineer and Accountant shall be a condition precedent for the issuance of the permit to start construction. No work shall be undertaken without the specific approval of the Architect, Engineer and Accountant. The Architect, Engineer and Accountant shall be held responsible for the accuracy and completeness of the drawings and specifications. The Architect, Engineer and Accountant shall be held responsible for the accuracy and completeness of the drawings and specifications. The Architect, Engineer and Accountant shall be held responsible for the accuracy and completeness of the drawings and specifications.		ELECTRICAL ENGINEER		JOHNIEL V. JUNE M. VILLANUEVA ENGINEER III		P.MONROE ST., POBLACION, MARIVELES, BATAN		VINCENT A. ISIP D/C-HPSS		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		P-6	
P.MONROE ST., POBLACION MARIVELES, BATAN		PRC REG. No. : PTR No. : PLACE :		4344 1028 US Mindoro, Batan		Validity : OR No. : DATE : TIN :		11/02/2021 24903 02-08-21 35190564-000		PROPOSED LABORATORY COMPLEX MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		P.MONROE ST., POBLACION, MARIVELES, BATAN		VINCENT A. ISIP D/C-HPSS		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II		P-6	






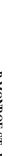
## RAINWATER TANK

## CISTERN TANK DETAILS



WATER TANK DESCRIPTION:					
MODEL	APPROXIMATE CAPACITY		TOTAL DIAMETER	TOTAL LENGTH	TOTAL HEIGHT
	LITERS	GALLONS	CENTIMETER	CENTIMETER	CENTIMETER
2000	2000	880	121	-	224

SHALLOW WELL JET PUMP DESCRIPTION						
MODEL	SUCTION	DISCHARGE	HP	VOLTAGE	PHASE	GPM
J5S	1-1/4" NPT	1" NPT	1/2	115/223	1	16.5 GPM @ 5' (30 PSI)

<div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div> <div></div> <div>P. MONROE ST., POBLACION, MARVELES, BATAYAN</div>		<div>PREPARED BY:</div> <div>ARCHITECT</div> <div>DESIGN BY:</div> <div>DRAWN BY: AR ARLINO V. DE LEON</div> <div>CHECKED BY: ADMINISTRATIVE ASSISTANT II</div> <div>PROG. REG. NO.: 0048</div> <div>IPADON No.: 389853861428420</div> <div>PFR No.: 7098199</div> <div>DATE: 02 - 08 - 21</div> <div>PLACE: Marveles, Batayan</div> <div>RA 9246 SECTION 13</div> <div>NOTE: Drawings and specifications and other related documents fully signed, stamped or sealed as instruments of the contract shall be submitted to the architect and documents of the architect, without the order for which they are intended, shall be void. The architect is not responsible for the accuracy of the information furnished by the client. The architect is not responsible for the accuracy of the information furnished by the client. The architect is not responsible for the accuracy of the information furnished by the client.</div>		<div>CHECKED BY: ELECTRICAL ENGINEER</div> <div>JOHNIEL JUNE M. VILLANUEVA ENGINEER III</div> <div>PROG. REG. NO.:</div> <div>PFR NO.:</div> <div>DATE:</div> <div>TIME:</div> <div>LOCATION: MARVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div> <div>PROJECT TITLE</div> <div>RECOMMENDING APPROVAL:</div> <div>VINCENT A. ISIP OIC-HOPSS</div> <div>APPROVED BY</div> <div>MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II</div> <div>SHEET NO.:</div>	
				<div>P-7</div>	



## CONSTRUCTION NOTES

### A. GENERAL

1. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
2. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PRE STEELS, ETC. TO BE EMBEDDED IN CONCRETE.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACINGS OF THE STRUCTURE FOR ALL LOADS THAT MAYBE IMPOSED DURING CONSTRUCTION.

## B. CONCRETE & REINFORCEMENT

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
2. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS :

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE
CURBS & SLAB ON GRADE	3000 PSI	1 IN. (25MM.)
FOUNDATION AND RETAINING WALL	6000 PSI	3/4 IN. (19MM.)
COLUMN AND SHEARWALL	6000 PSI	3/4 IN. (19MM.)
BEAMS & SLABS	6000 PSI	3/4 IN. (19MM.)

3. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 FOR DIA.12 AND LARGER BARS AND GRADE 40 FOR DIA.10 AND SMALLER BARS.
4. IN GENERAL, THE LATEST EDITION OF ACI-315, MANUAL OF STANDARD PRACTICES DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO, UNLESS OTHERWISE SHOWN OR NOTED.
5. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

SUSPENDED SLABS .....	3/4 IN. (19 MM.)
SLAB ON GRADE .....	1 1/2 IN. (38 MM.)
WALLS ABOVE GRADE .....	1 IN. (25 MM.)
BEAM STRIRUPS AND COLUMN TIES .....	1 1/2 IN. (38 MM.)

WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS .....

WHERE CONCRETE IS DEPOSITED

6. SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPlice AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPLICES SHALL BE STAGGERED WHENEVER POSSIBLE.
7. ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
8. CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CABLES, SILLS, STROPS, EQUIPMENTS, AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.
9. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.

## 10. STRIPPING OF FORMS AND SHORES:

**FOUNDATION ..... 24 HRS**

ADDITIONAL LOADS ARE IMPOSED

BEAMS .....

..... **14 DAYS**

### C. CAMBER REQUIREMENTS

1. UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS CAMBER ALL ROADS BEAMS AT LEAST 10mm. FOR EVERY 4000mm. OF CLEAR SPAN EXCEPT CANTILEVERS WHICH SHALL BE 50mm. FOR EVERY 3000mm. OF CLEAR SPAN.
2. UNLESS OTHERWISE NOTED IN PLANS OR SPECIFICATIONS, CAMBER ALL SLABS 8mm PER 3000mm. FOR SHORTER SPAN AND 14mm. FOR EVERY 2000mm. OF SLABS CANTILEVER SPAN

#### D. FOUNDATION

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER FOOTING EXCAVATION HAVE BEEN COMPLETED AND PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY.

[illegible]

REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF HEALTH  
MARIVELES MENTAL WELLNESS  
AND  
GENERAL HOSPITAL

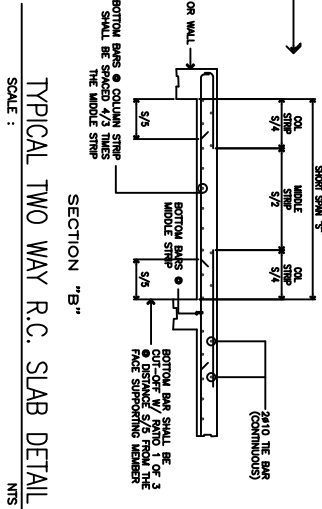
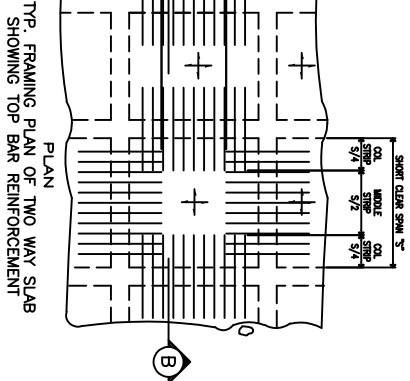
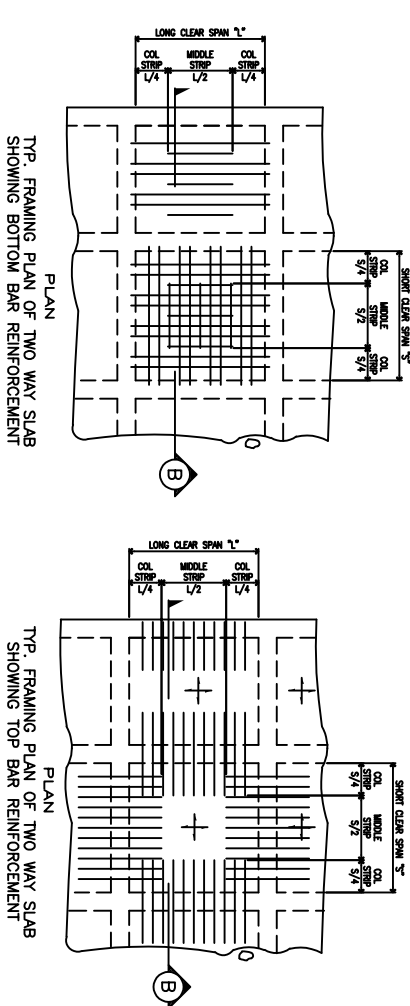
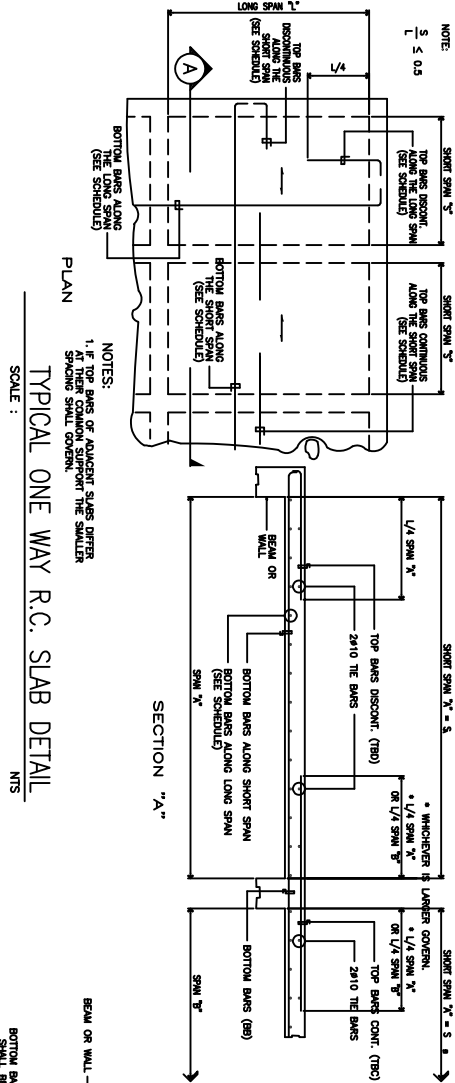


P. MONKOE ST., POBLACION, MARIVELES, BATAM

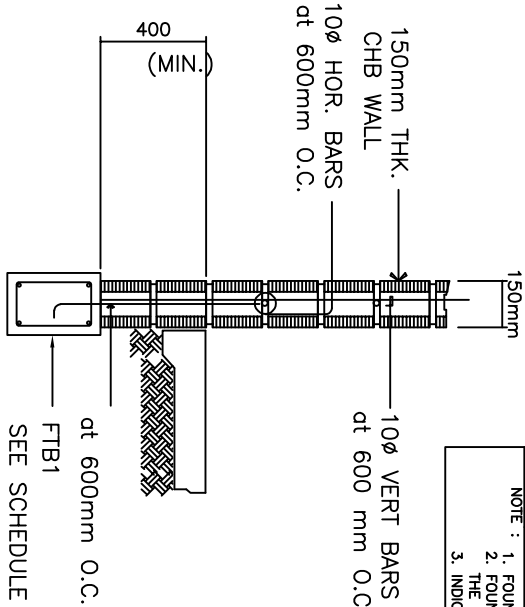
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SCHEDULE OF R.C. SLABS									
SLAB MARK	BOTTOM BARS		TOP SPAN		LONG SPAN		REMARKS		
	CONT.	EXTRA	CONT.	EXTRA	CONT.	EXTRA			
S-1	100	10ø 150	-	10ø 150	10ø 150	10ø 150	2-WAY		
S-2	100	10ø 300	-	10ø 150	10ø 300	10ø 150	1-WAY		



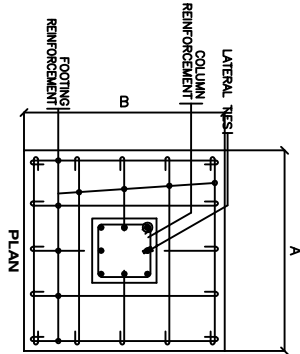
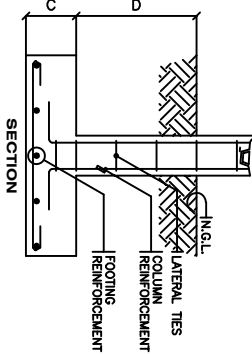
## FTB-1 DETAIL



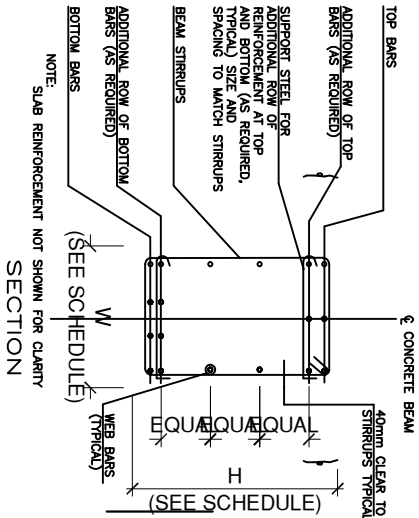
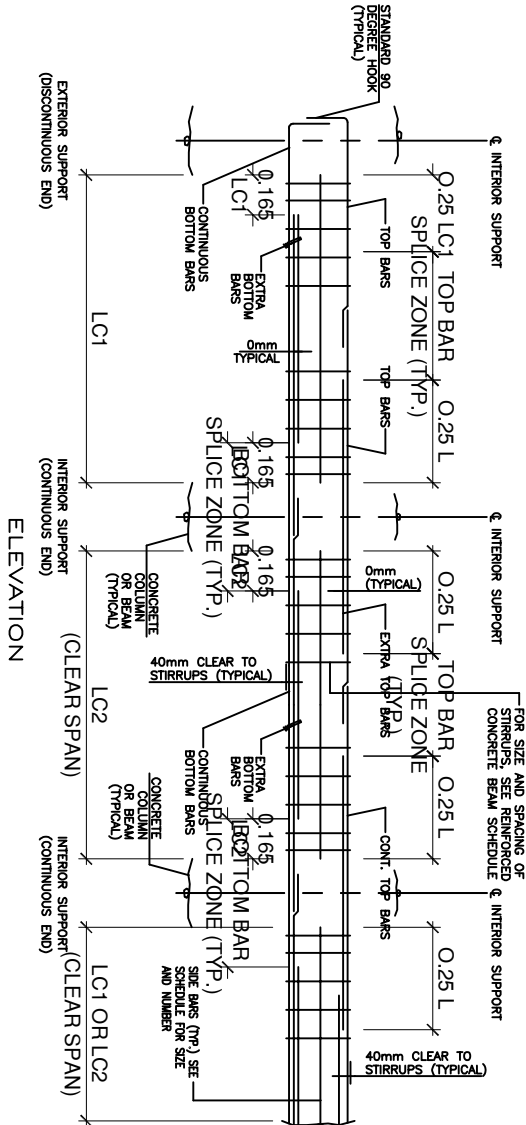
SCHEDULE OF REINFORCED CONCRETE BEAMS									
FLOOR LEVEL LOCATION	BEAM MARK	BEAM CROSS WIDTH (mm)	DEPTH (mm)	BAR Ø (mm)	LONGITUDINAL REINFORCEMENTS DISCONT. CONT. DISCONT. CONT. DISCONT. CONT.	STIRRUPS NO./SET	STIRRUP SPACING	REMARKS	
FTB	200	450	16	TB	7 5 7 7	A	100, 50, 100, 50, 150, R0200		
2B1/RP1	250	500	16	TB	6 3 3 6	A	100, 50, 100, 50, 150, R0200		
2B2	250	500	16	TB	7 4 7 4	A	100, 50, 100, 50, 150, R0200		
RB	200	400	16	BB	3 3 3 3	A	100, 50, 100, 50, 150, R0200		

## 2 TYPICAL COLUMN AND FOOTING DETAIL

NOT TO SCALE



- NOTES:
1. LC1, LC2 = LENGTH OF CLEAR SPANS 1, 2 (FACE OF SUPPORT TO FACE OF SUPPORT)
  2. L = THE GREATER LENGTH OF CLEARSPAN LC1 OR LC2
  3. AT INTERIOR SUPPORT (CONTINUOUS END) PROVIDE LARGER SIZE AND NUMBER OF TOP BARS FROM ADJACENT SPANS.
  4. EXTERIOR AND INTERIOR SUPPORT REINFORCEMENT NOT SHOWN FOR CLARITY



SCHEDULE OF FOOTINGS										
CONCRETE STRENGTH=3000 psi    STEEL=40,000 psi					REINFORCING BARS					
					fc = 21.70 Mpa fy = 275 Mpa					
FOOTING	FOOTING SIZE (mm)		THICKNESS (mm)	EXCAVATION DEPTH (ft)	SHORT BARS		LONG BARS		REMARKS	
	A	B			C	D	BOTTOM	TOP		BOTTOM
F.1	1500	1500	350	1500	(mm)					ISOLATED
F.2	1000	1000	250	1000		12-ø16mm		12-ø16mm		ISOLATED
						5-ø16mm		5-ø16mm		

NOTE :



1. FOUNDATION IS DESIGNED FOR A SOIL BEARING CAPACITY OF 80KPa AT 2.0M DEEP.

2. FOUNDATION SHALL REST ON NATURAL SOL. UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL.

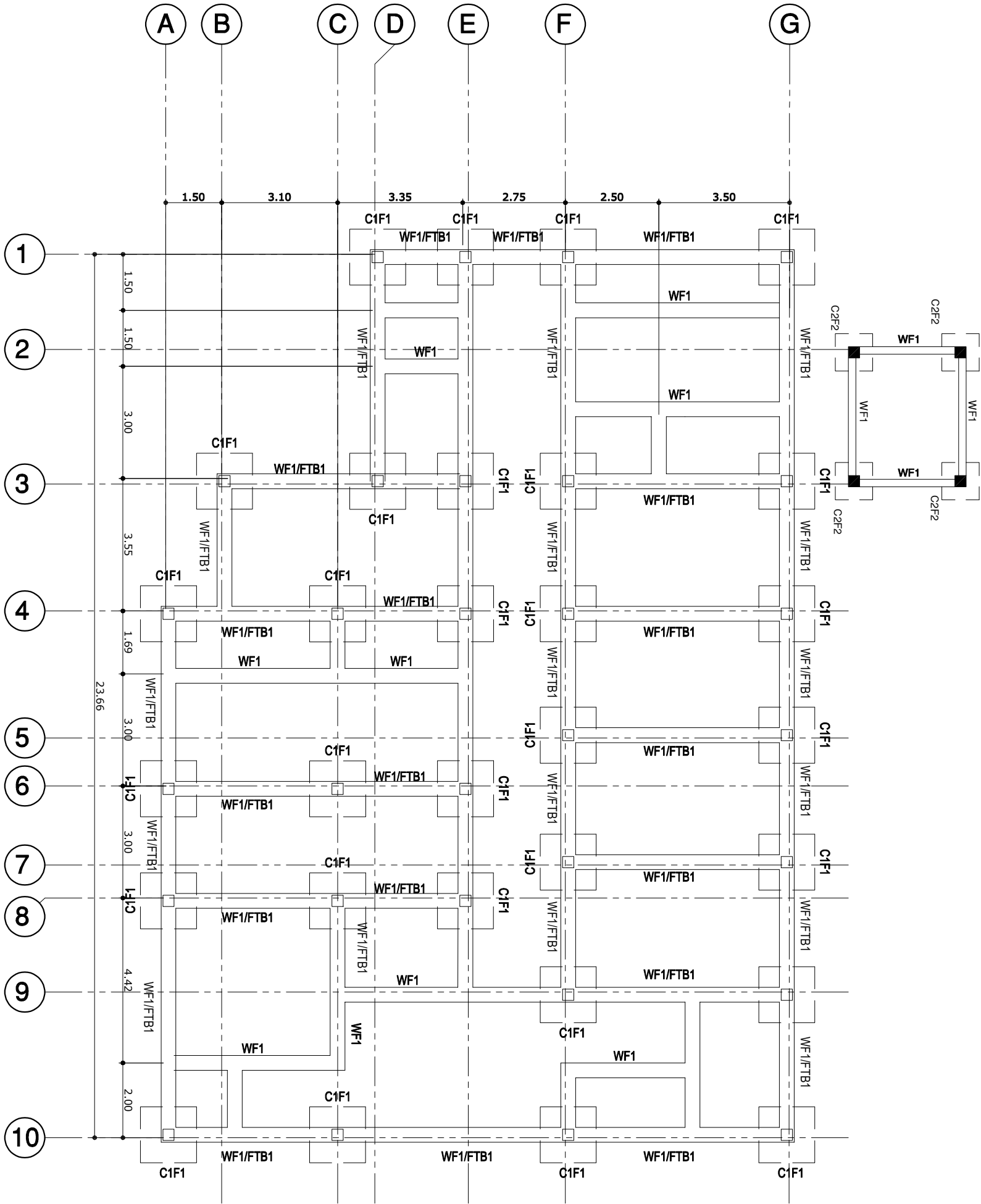
3. INDICATED DEPTH OF EXCAVATION AS RECOMMENDED & SHALL BE BASE ON NATURAL GRADE LINE (NGL).

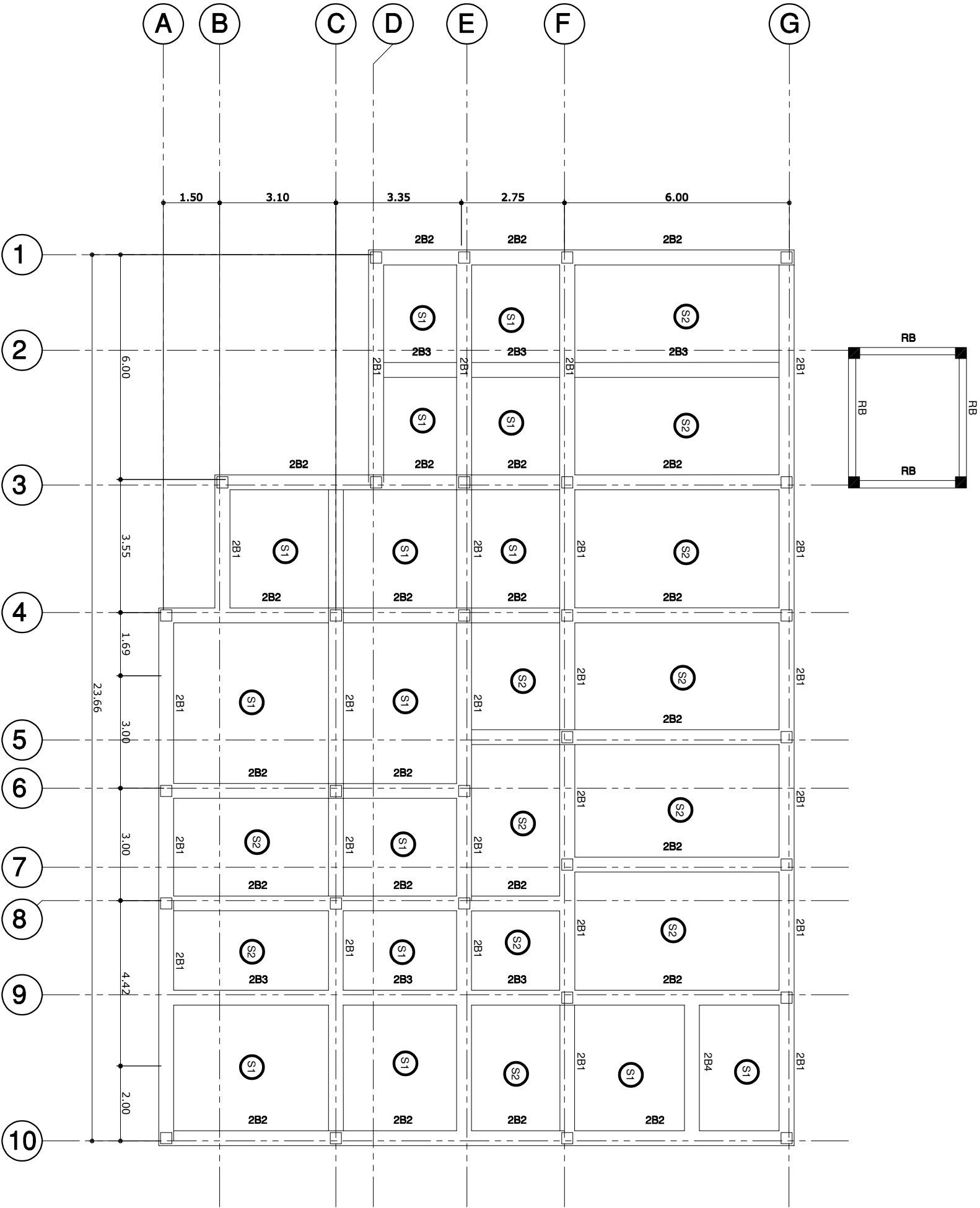
- NOTE :
1. FOUNDATION IS DESIGNED FOR A SOIL BEARING CAPACITY OF 80kPa At 2.0M DEEP.
  2. THE FOUNDATION SHALL REST ON NATURAL SOIL, UNLESS OTHERWISE NOTED BY THE ENGINEER. NO PART OF THE FOUNDATION SHALL REST ON FILL.
  3. INDICATED DEPTH OF EXCAVATION AS RECOMMENDED & SHALL BE BASE ON NATURAL GRADE LINE (NGL).

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL		ARCHITECT PALOV, PAGUA, UAP		PROJECT TITLE PROPOSED LABORATORY COMPLEX		APPROVED BY MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II	
DESIGNED BY: MARCO M. DELA CRUZ ADMINISTRATIVE ASSISTANT I		CHECKED BY: CIVIL ENGINEER MELVIN JAN A. YABUT, CE, MPA ENGINEER IV		RECOMMENDING APPROVAL:		SHEET NO.:	
DRAWN BY: ADMINISTRATIVE ASSISTANT I		CHECKED BY: CIVIL ENGINEER		APPROVED BY:			
CHECKED BY:		APPROVED BY:					
REVIEWED BY:		APPROVED BY:					
PLACE:		APPROVED BY:					



<div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION MARIVELES, BATAN</div> <div></div>		<div>PREPARED BY: <div>DESIGN BY: <div></div></div><div>DRAWN BY: MARCO M. DELA CRUZ</div><div>CHECKED BY: ADMINISTRATIVE ASSISTANT I</div><div>REVIEWED BY: <div></div></div></div> <div>ARCHITECT  PAULOV, PAGUA, UAP</div> <div>PROJ. REG. No.: 4344 PTR No.: 108109 PLACE: Mariveles, Batan</div> <div>Validity: 11/02/2021 OR No.: 26803 Date: 02-08-21 11/02/2021</div> <div>RA 9268 SECTION 33 Drawings and specifications and other contract documents fully signed by the architect, shall have the same force and effect as the original documents. The architect shall be responsible for the accuracy of the dimensions and quantities of the work shown on the drawings. The architect shall be responsible for the accuracy of the dimensions and quantities of the work shown on the drawings. The architect shall be responsible for the accuracy of the dimensions and quantities of the work shown on the drawings.</div> <div>NOTE: The dimensions shown on these drawings shall have the same force and effect as the original documents. The architect shall be responsible for the accuracy of the dimensions and quantities of the work shown on the drawings. The architect shall be responsible for the accuracy of the dimensions and quantities of the work shown on the drawings. The architect shall be responsible for the accuracy of the dimensions and quantities of the work shown on the drawings.</div> <div>CHECKED BY: CIVIL ENGINEER  MELVIN JAN A. YABUT, CE, MPA ENGINEER IV</div> <div>PROJ. REG. No.: 13198 PTR No.: 308879 PLACE: Balinguiza</div> <div>Validity: 05-05-2021 Date: 01-21-2021</div> <div>PROJECT TITLE  PROPOSED LABORATORY COMPLEX</div> <div>LOCATION: MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL</div> <div>RECOMMENDING APPROVAL:  VINCENT A. ISIP DIC-HOPS</div> <div>APPROVED BY  MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II</div> <div>SHEET NO.:</div>	
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1 FOUNDATION PLAN  
S.3 SCALE 1:125m





1 SECOND FLOOR FRAMING PLAN  
S.3 SCALE 1:125m

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF HEALTH MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION MARIVELES, BATAN		 	
PREPARED BY:		ARCHITECT	
DESIGN BY:		PAULOV, PAGUA, UAP	
DRAWN BY: MARCO M. DELA CRUZ		ADMINISTRATIVE ASSISTANT	
CHECKED BY:		PRC REG. No. : 4344 IAPCA No. : 3886-26814-01003 PTR No. : 1028109 PLACE : Mariveles, Batan	
REVIEWED BY:		Validity : 11/02/2021 OR No. : 26803 Date : 11/02/2021 Date : 02-08-21 TIN : 35109564-000	
RA 9266 SECTION 33		NOTE:	
Drawings and specifications and other contract documents fully signed by the architect, shall have the same force and effect as the original documents, and the individual project and documents of the architect, shall be considered as part of the contract documents, and shall be binding on the contractor. The architect shall be responsible for the accuracy of the drawings and specifications, and shall be liable for any errors or omissions. The contractor shall be responsible for the construction of the project, and shall be liable for any defects or deficiencies. The architect shall be responsible for the design of the project, and shall be liable for any errors or omissions. The contractor shall be responsible for the construction of the project, and shall be liable for any defects or deficiencies. The architect shall be responsible for the design of the project, and shall be liable for any errors or omissions. The contractor shall be responsible for the construction of the project, and shall be liable for any defects or deficiencies.		Written dimensions on these drawings shall have precedence over dimensions shown on the drawings. Contractors shall be responsible for the accuracy of the dimensions shown on the drawings, and shall be liable for any errors or omissions. The architect shall be responsible for the design of the project, and shall be liable for any errors or omissions. The contractor shall be responsible for the construction of the project, and shall be liable for any defects or deficiencies. The architect shall be responsible for the design of the project, and shall be liable for any errors or omissions. The contractor shall be responsible for the construction of the project, and shall be liable for any defects or deficiencies.	
CHECKED BY: CIVIL ENGINEER		PROJECT TITLE	
MELVIN JAN A YABUT, CE, MPA ENGINEER/IV		PROPOSED LABORATORY COMPLEX	
PRC REG. No. : 13198 PTR No. : 308879 PLACE : Batang City		LOCATION: MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL	
RECOMMENDING APPROVAL:		APPROVED BY	
VINCENT A. ISIP DIC-CHOPSS		MARIA LOURDES L. EVANGELISTA, MD, FPPA CHIEF OF HOSPITAL II	
SHEET NO.:		S-4	