



## National Power Corporation

### REQUEST FOR QUOTATION (SMALL VALUE PROCUREMENT - 53.9)

15 March 2024

Sir/Madam:

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. MG-COM24-017 Ref. No. SVP2023-CDD-009 submit the same in a sealed envelope to be dropped in the designated drop box at the Bidding Room, Mindanao Generation Headquarters Building, Maria Cristina, Iligan City on or before April 08, 2024 @ 2:30PM.

The following documents must be submitted together with your quotation:

1. Bid Form
2. Bid Prices/Quotation in the Bill of Quantities
3. Conformity to Technical Specifications and Project Requirements:
  - a. *List of contractor's key personnel (1 – Construction Foreman, 1-Safety Officer 2 (SO2), 1- Welder with NC II Certificate with at least three years experience in related works), to be assigned to the contract to be bid, with their complete qualification and experience data, using NPC-MinGen Standard Form No. NPCMGNSF-SVP-01;*
  - b. *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, using NPC-MinGen Standard Form No. NPCMGNSF-SVP-02 and its supporting documents;*
    - a. *One (1) unit Welding Machine, 300 Amp*
    - b. *One (1) unit Grinder Machine*
4. Valid PhilGEPS Registration, whichever is applicable:  
*For Platinum Members:*  
Valid and updated Certificate of PhilGEPS Registration.  
*For Red Members:*
  - a. Valid Mayor's Permit showing the expiry date
  - b. PhilGEPS Registration Number;
5. Additional Documentary Requirements;
  - a. *PCAB License;*
  - b. *Omnibus Sworn Statement (use attached Form) (For Total ABC of Above PhP 50,000);*
6. Post-qualification requirements (Submit original copies):



BAGONG PILIPINAS

NATIONAL POWER CORPORATION  
Gabriel Y. Itchon Building  
Senator Miriam P. Defensor-Santiago Avenue (formerly BIR Road)  
corner Quezon Avenue, Diliman, Quezon City 1100, Philippines  
Tel. Nos. (632) 8921-3541 to 80 • Fax No. (632) 8921-2468





## National Power Corporation

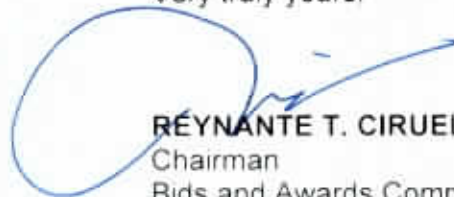
- a. Original Bank Statement year ending prior to bid opening.
- b. Original valid and updated PhilGEPS Registration (Platinum Membership) (all pages);
- c. SEC/DTI registration for sole proprietorship, or CDA for cooperatives or its equivalent document.
- d. Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located;
- e. Valid Tax clearance per E.O. No. 398, s. 2005.
- f. Philippine Contractors Accreditation Board (PCAB) License.
- g. Latest Income Tax Return/Business Tax Returns (For Total ABC of Above PhP 500,000).
- h. Certificate of Site Inspection issued by Plant/Department Manager or his authorized representative.
- i. All relevant documents necessary to validate or verify the information declared in Standard Form NPCMGNSF-SVP-01 (List of Contractor's Key Personnel)

The Warranty Period shall be *One year (1) from contract completion up to the issuance of Certificate of Final Acceptance by the procuring entity. (Defects Liability Period) and another one (1) year beginning from the issuance of Certificate of Final Acceptance (Structural Defects Liability)*

In case of a failed bidding, a re-bidding maybe conducted without prior notice to any previous bidder(s).

For further inquiries, please contact the BAC Secretariat, **Ms. Marilou Y. Macapil** at telefax no. **(063) 223-4606**/local no. **2544** with e-mail address at **[cmo-logistics\\_afd\\_mingen@napocor.gov.ph](mailto:cmo-logistics_afd_mingen@napocor.gov.ph)**

Very truly yours,



**REYNANTE T. CIRUELA**  
Chairman  
Bids and Awards Committee, HQs



BACONG PILIPINAS

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NATIONAL POWER CORPORATION

TERMS OF REFERENCE  
ALTERNATIVE MODE OF PROCUREMENT  
(SMALL VALUE PROCUREMENT – 53.9)

Scope of Works: PR No.MG-COM24-017/REF. NO. SVP2024-CDD-009

1. **Project Title: Supply of Labor, Materials & Equipment for the Repair of Housing Quarters (Housing Quarter No.35A & CDD Comfort Rooms Repair) at Barangay Ditucalan, Iligan City & Maria Cristina, Iligan City.**
2. **Approved Budget for the Contract: Php499,865.42**
3. **Contract Period**  
The Contractor shall complete the works within **fifty two (52) calendar days**. The total contract duration is inclusive of six (6) unworkable days considered unfavorable for the execution of work at site. The contract period shall be reckoned upon receipt of the Notice to Proceed.
4. **Project Location**  
The project is located at **Housing 35A, NPC Compound, Ditucalan, Iligan City & CDD Comfort Rooms, Maria Cristina, Iligan City.**
5. **Bid Submission**  
The Bidder shall submit their bids through their authorized representative or in the manner of submission as prescribed in the RFQ.
6. **Late Bids**  
Any Bid submitted after the deadline for submission and receipt of Bids shall not be accepted by NPC.
7. **Bid Prices**  
  
The bid price as indicated in the Bid Form shall be fixed during the Bidder's performance of the Contract and not subject to variation or price escalation on any account. A Bid submitted with an adjustable price quotation shall be treated as non-responsive.
8. **Bid Price Validity**  
  
Price Validity shall not be less than One Hundred Twenty (120) calendar days from date of bid submission.
9. **Eligibility Criteria**
  - a. Bids shall be checked using the PASS /FAIL Criteria for Legal, Technical and Financial components.
  - b. From the bids that were rated PASSED, the same shall be ranked and corrected for computational errors to identify the Lowest Calculated Bid (LCB).

**10. Detailed Evaluation and Comparison of Bids**

The LCB shall be subjected to detailed evaluation against the Technical Specifications including arithmetical computations. Documents which are deemed not to comply with the requirements of the tender shall be considered non-complying.

**11. Post-qualification**

Submitted documents of the SCB/LCB shall be subjected to post qualification evaluation.

The bid that PASSED the Post-Qualification shall be declared as the Single /Lowest Calculated Responsive Bid (SCRB/LCRB).

**12. Total Contract Price**

The Total Contract Price shall be inclusive of all taxes and other related expenses / charges.

**13. Notice to Contractor**

- a. The contractor shall post the required Performance Bond within three (3) calendar days from receipt of the Notice of Award.
- b. The contractor shall submit the required Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, prior to contract signing, such as:
  - i. Approved construction schedule and S-curve
  - ii. Approved manpower schedule
  - iii. Construction methods
  - iv. Approved equipment utilization schedule
  - v. Construction safety and health program approved by the DOLE
  - vi. Approved Project Evaluation Review Technique/Critical Path Method (PERT/CPM)

**14. Contract Effectivity**

- a. The Contract shall take effect immediately upon receipt of the Notice to Proceed (NTP) by the Contractor.

**15. Terms of Payment**

Terms of Payment shall be thirty (30) calendar days *after submission of complete supporting documents*.

**16. Warranty**

Warranty is dependent upon the nature/type of the item which is included in the offer (i.e. Manufacturer's Warranty), unless specifically required in the scope of works.

**17. Liquidated Damages**

Where the supplier refuses or fails to satisfactorily complete the work within the specified contract time, plus any time of extension duly granted and is hereby in default under the contract, the supplier shall pay NPC for liquidated damages, and not by way of penalty, an amount equal to at least one tenth (1/10) of one percent (1%) of the cost of the undelivered/unperformed portion of the items/works for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the procuring entity may rescind or terminate the contract, without prejudice to other courses of action and remedies open to it (Section 68 of the Revised IRR of RA 9184).

#### **18. Liability of the Contractor**

If after receipt of the Notice to Proceed (NTP), the Contractor fails to deliver the goods, appropriate sanctions will be imposed as prescribed under Republic Act (RA) 9184 and its Revised Implementing Rules and Regulations (IRR).

#### **19. Disclosure of Relations**

The bidder shall comply with the provisions of Section 47 of RA 9184 and its revised IRR re: disclosure of relations.

#### **20. Administrative Sanctions**

Bidder shall likewise be imposed the rules as stated in section 69 (Imposition of administrative penalties) should there be infractions committed.

#### **21. Reservation Clause**

NPC reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder/s.

## Bid Form for the Procurement of Infrastructure Projects

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### BID FORM

Date: \_\_\_\_\_

To: THE VICE PRESIDENT  
National Power Corporation  
Mindanao Generation  
Marla Cristina, Iligan City

Having examined the Project Highlights and Technical Specifications under PR No. MG-COM24-017/Ref. No.SVP2024-CDD-009 including the Supplemental or Bid Bulletin Numbers insert numbers, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the Technical Specifications, for the Procurement Project: insert name of contract;
- b. We offer to execute the Works for this Contract in accordance with the Technical Specifications of the Project;
- c. The total price of our Bid in words and figures is: insert information in words & in figures;
- d. The total bid price includes the cost of all taxes, such as, but not limited to: (specify the applicable taxes, e.g (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties), which are itemized herein and reflected in the detailed estimates,
- e. Our Bid shall be valid within the a period stated in the Technical Specifications, and it shall remain binding upon us at any time before the expiration of that period;
- f. If our Bid is accepted, we commit to obtain a Performance Security in the amount of insert percentage amount percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of Issued GPPB guidelines<sup>1</sup> for this purpose;
- g. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- h. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- i. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

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<sup>1</sup> currently based on GPPB Resolution No. 09-2020

- j. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the National Power Corporation-Mindanao Generation.

Name: \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Signed: \_\_\_\_\_

Duly authorized to sign the Bid for and on behalf of: \_\_\_\_\_

Date:

**Omnibus Sworn Statement (Revised)**  
*[shall be submitted with the Bid]*

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REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

**AFFIDAVIT**

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*



*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the Implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

*[Jurat]*

*[Format shall be based on the latest Rules on Notarial Practice]*

SECTION VIII - BILL OF QUANTITIES

BILL OF QUANTITIES

(Name of Project) Supply of Labor, Materials & equipment for the  
 Repair of Housing Quarter No. 35A and CDD Comfort Rooms Repair  
 at Brgy. Divalcan, Iligan City  
 (PR #) MG-COM24-017

Item No.	Description of Work or Materials	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount
	Construction of Health & Safety program	Lot	1.00	{PHP	PHP
	Demolition/Removal of CR Concrete Partition, Doors, Kitchen Sink, Portion of CR Tiles, Water Closet, Flooring & Disposal Works	Lot	1.00	{PHP	PHP
1.	Repair of Laundry Area and Comfort Room			{PHP	
	i) Masonry Work	sq. m.	16.74	{PHP	PHP
	ii) Roofing and Trusses Work	sq. m.	18.13	{PHP	PHP
	iii) Tiles Work	sq. m.	4.5	{PHP	PHP
	Carpentry Work (Portion of Walling Partition)	Lot	1.00	{PHP	PHP
	Replacement/Installation of Doors, Knobs, Water Closet, Jalousies, Kitchen Sink, Wirlings	Lot	1.00	{PHP	PHP
	Painting Works	sq. m.	27.00	{PHP	PHP
<b>DD COMFORT ROOMS/PANTRY REPAIR</b>					
	Removal of Existing Tiles, Door, Windows, Water Closet, Lavatory & Disposal	Lot	1.00	{PHP	PHP
	Tiles Work	sq. m.	49.16	{PHP	PHP
	Plumbing, Piping & Fixtures, Air Vent and Doors	Lot	1.00	{PHP	PHP
TOTAL P					

Name of Firm

Name and Signature of Authorized Representative

Designation

**LIST OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT**  
**(Based on the Minimum Key Personnel Required in the Bidding Documents)**

Business Name : \_\_\_\_\_  
 Business : \_\_\_\_\_

		DESIGNATION			
1. Name					
2. Address					
3. Date of Birth					
4. Employed Since					
5. Experience (No. of Years)					
6. Previous Employment					
7. Education					
8. PRC License/NC II/COSH/other required certificate					

**Required Attachments During Post Qualification:**

1. Certificate of Employment and valid PRC license of the (professional) personnel
2. Certificate of Training with accreditation from DOLE of the Construction Safety and Health Officer
3. Copy of Diploma and/or Service Record/Certificate of Employment of previous and/or current employer of Foreman, Welder, Plumber or Electrician, whichever is applicable
4. TESDA Training Certificate (NC II) of Welder or Electrician, whichever is applicable

Submitted by: \_\_\_\_\_  
 (Printed name & Signature)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (based on the minimum key personnel required in the bidding documents) to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel's signed written commitment to work for the project once awarded the contract).

**LIST OF EQUIPMENT, OWNED OR LEASED AND/OR UNDER PURCHASE AGREEMENTS**  
*(Based on the Minimum Equipment Required in the Bidding Documents)*

Business Name : \_\_\_\_\_  
Business : \_\_\_\_\_

Description	Model/Year	Capacity/ Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
<b>A. Owned</b>							
i.							
ii.							
iii.							
iv.							
<b>B. Leased</b>							
i.							
ii.							
iii.							
iv.							
<b>C. Under Purchased Agreements</b>							
i.							
ii.							
iii.							
iv.							

Submitted by: \_\_\_\_\_  
 \_\_\_\_\_  
 (Printed name & Signature)  
 Designation: \_\_\_\_\_  
 Date: \_\_\_\_\_

*One of the requirements from the bidder to be included in its Technical Envelope is the list of its equipment units pledged for the contract to be bid, based on minimum equipment required in the bidding docs, which are owned (supported by proofs of ownership), leased, and/or under purchase agreements (with corresponding engine numbers, chassis numbers and/or serial numbers), supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project.*

## **Section VI. Specifications**

### **PROJECT HIGHLIGHTS**

#### **PH 1.0 GENERAL**

The project is funded by NPC Mindanao Generation as part of its corporate social responsibility and is aimed to preserve the assets of NPC by rehabilitating and restoring to its original form and for the convenience of the employees.

The Contractor shall furnish all labor, materials, equipment/tools and other incidental matters necessary to complete the works in accordance with the contracts and approved detailed engineering activities; and other existing laws, rules and regulations relative thereto.

#### **PH 2.0 PROJECT LOCATION**

The project is located at NPC Compound at Brgy. Ditucalan and NPC HQ Maria Cristina , Iligan City.

#### **PH 3.0 SCOPE OF WORK**

The works and services to be performed by the Contractor for this undertaking shall essentially consist of, but not limited to the Supply of Labor, Materials & Equipment for the Repair of Housing Quarters 35A NPC Compound, Ditucalan, Iligan City & Existing CR of old CDD Building NPC HQ at Brgy. Maria Cristina, Iligan City with the following scope of works:

- A. Mobilization;
- B. Construction of Health and Safety program;
- C. Demolition, Removal of CR Concrete Partition, Doors, Kitchen Sink, Portion of Cr Tiles, Water Closet, Flooring & Disposal Works;
- D. Repair of Laundry Area and Comfort Room;
  - i- Masonry Work;
  - ii- Roofing & Trusses Works;
  - iii- Tiles Work.
- E. Carpentry work (Portion of Walling Partition);
- F. Replacement/Installation of Doors, Knobs, Water Closet, Jalousies, Kitchen Sink, Exhausted Fans, Wiring;
- G. Painting Work;
- H. CDD Comfort Rooms/Pantry Repair;
  - i- Removal of Existing Tiles, Door, Windows, Water Closet, Lavatory & Disposal;
  - ii- Tiles Work;
  - iii- Plumbing, Piping & Fixtures, Air Vent and Doors;
- K. Demobilization.

#### **PH 4.0 CONTRACT PERIOD**

The contractor shall complete the works as specified in Clause 3 within Fifty Two (52) calendar days. The total contract duration is inclusive of six (6) unworkable days considered unfavorable for the execution of work at site. The contract period shall be reckoned from the date of contract effectivity as specified in the Notice to Proceed.

#### **PH 5.0 CONTRACTOR'S CLASSIFICATION**

The Contractor must have a valid Philippine Contractors Accreditation Board (PCAB) license of at least **Category C & D - General Building** with inter-agency registration and classification of at least **Building or Industrial Plant**.

The Contractor must have undertaken similar contracts that involves construction/rehabilitation/expansion of commercial, industrial or office building provided that the contract cost shall be at least equivalent to 50% of ABC

#### **PH 6.0 MINIMUM REQUIRED PERSONNEL**

##### **One (1) Construction Foreman**

A B.S. Civil Engineering Graduate with at least Five (5) years experience in similar works or a Civil Engineering Technology Graduate with at least Three (3) years experience in similar works or if non-graduate, at least five (5) years working experience as Construction Foreman in similar works.

##### **One (1) - Welder**

NC II Certificate and must have at least three years experience in welding works.

##### **One (1) - Safety Officer 2 (SO2)**

Construction Safety Officer who has completed at least Forty (40) hours of Construction Safety and Health Training (COSH) from Occupational Safety and health Center (COSH) or Safety Training Organizations (STOS) accredited by the Department of Labor and Employment. It must be present during the whole duration of the project.

Certificate of Training with accreditation from DOLE for the construction safety and Health officer, Diploma and/or service record/certificate of employment of previous and/or current employer for construction Foremen shall be submitted and included as an attachment in the standard form NPCSF-INFR-09; List of key personnel proposed to be assigned to the contract.

Foremen and Construction Safety & Health Officer maybe in one person, as long as he meets the requirements of the two positions. Provided however, that there is no overlapping of projects undertaken by the same contractor and supervised by the same person.

The above key personnel must be either employed by the applicant or contracted by the applicant to be employed for the contract to be bid.

**PH 7.0 MINIMUM REQUIRED CONSTRUCTION EQUIPMENT  
(Owned or Leased)**

- |                               |                |
|-------------------------------|----------------|
| a. Welding Machine (300 Amp.) | - one (1) unit |
| b. Grinder Machine (1200W)    | - one (1) unit |

## **TECHNICAL SPECIFICATIONS**

### **CW - CIVIL WORKS**

#### **CW-1.0 MOBILIZATION**

The contractor shall secure clearance from the Security office to start of work and for the issuance of worker's Identification Card (I.D). Upon approval, the Contractor shall bring to the site all necessary tools, equipment and other incidentals necessary for the proper execution of all the activities. He shall construct bunkhouse for the workmen and for the storage of all the construction materials on designated approved location.

#### **CW-2.0 GENERAL SCOPE**

This section covers the Supply of Labor, Materials & Equipment for the Repair of Housing Quarter No. 35A and CDD Comfort Rooms Repair located at Brgy. Ditucalan and NPC HQ Maria Cristina, Iligan City and setting up of the Contractor's temporary storage facility/structure.

#### **CW 2.2 MATERIALS**

#### **CW 2.3 WORKMANSHIP**

The Contractor shall bring to the site all his necessary construction equipment and plant and install all stationary construction equipment and plant at location and in the manner approved by NPC. The Contractor shall submit sufficient detailed plans showing the proposed location of such stationary equipment and plant and other pertinent data.

The Contractor shall provide and grade his camp site, construct his camp, employee housing, warehouse and provide such related facilities and sanitary conveniences that the Contractor deems necessary for maintaining health, peace and order in the camp and work areas. The areas that may be used by the Contractor within the construction site shall be designated by NPC.

#### **CW 2.4 MEASUREMENT AND PAYMENT**

Work prescribed herein shall not be measured and paid separately; same shall be deemed to be included in pay items for other items for work.

#### **CW 3.0 SITE AND CLEARING PREPARATION**

##### **CW 3.1 DEMOLITION AND REMOVAL OF PORTION OF EXISTING TILES, CHB AND FLOORING.**

The Contractor shall perform clearing and removing on the project site. The site shall be cleared and removed the portion of existing Tiles, Concrete Hollow Blocks and flooring near the propose Sites and of all trees and brush except particular trees if any, which may be retained by the NPC for preservation. Particular trees to be left in place shall be protected from scarring and/or other injuries during clearing and grubbing work and other construction operations.



All stumps, roots and brush shall be removed to a depth of Thirty (30) cm below original ground surface and disposed of in a place designated by the NPC. Downed timber, which may be ordered saved by the NPC for future use, shall be cut into logs as directed and neatly piled in a place designated by the NPC, otherwise they shall be disposed of same as above.

### CW 3.2 DISPOSAL WORK

Where shown on the drawings or if not shown but directed by the NPC, the Contractor shall perform miscellaneous work like demolition, removal, chipping, replacement or transfer of existing structures and other miscellaneous work. All demolished structures shall be disposed of as directed by NPC.

### CW 4.0 MATERIAL TESTING ( If applicable)

#### CW 4.1 SAMPLING AND TESTING OF CONCRETE

The Contractor shall furnish all materials, either separately or mixed, as required by NPC. Selection of materials and the making of test specimens shall be made under the supervision of NPC and delivered to NPC laboratory or any NPC accredited testing at the Contractor's expense.

The expense of making and curing all concrete specimens including the materials comprising the concrete specimens shall be borne by the Contractor. The cost of shipping and testing the concrete shall likewise be at the expense of the Contractor.

No concreting work on the project will be permitted to be done until NPC signifies in writing that, following the performance of the necessary tests, he gives his approval to the use of all materials involve in making the concrete.

Test cylinders shall be prepared from the concrete samples and tested. At least one set of (4) four cylinder samples shall be made for each major structural member. Two (2) cylinders shall be tested at 28 days for specification compliance and one shall be tested at 7 and 14 days respectively for information. The acceptance test result shall be the average of the strength of the two cylinders tested for 28 days.

The compressive strength of the concrete shall be deemed acceptable if the average of the three consecutive strength test results is equal to or exceeds the specified strength and no individual test falls below the specified strength by more than 3.50 MPa.

Concrete deemed to be not acceptable using the above criteria maybe rejected unless the Contractor can provide evidence, by means of core tests, that the quality of concrete represented by the failed test result is acceptable in place. Three (3) cores shall be taken in accordance with ASTM C42 and soaked for 24 hours prior to testing. Concrete in the area represented by the cores will be deemed acceptable if the average strength of the cores is equal to at least 85% of and no single core is less tha 75% of the specified strength.

## **CW 5.0 CONSTRUCTION OF SAFETY AND HEALTH PROGRAM**

### **CW 5.1 GENERAL SCOPE**

This section pertains to the safety and health provisions, requirements and conditions that shall govern during the execution under this project.

### **CW 5.2 GENERAL CONDITIONS**

The contractor shall ensure compliance with the applicable safety and health regulations during the construction of this project through the implementation that include, but not limited to, the following:

- a) Designate a Safety officer who shall respectively handle all safety and health concerns of the project;
- b) Properly manage debris and various waste generated during construction in a designated or NPC approved disposal area;
- c) Segregate solid wastes, such as empty cement sack, scraps of tin or wood, used wires and other domestic garbage, for recycling or storage in NPC approved temporary storage areas;
- d) Avoid unnecessary opening or clearing of areas outside construction sites especially cutting of existing trees;
- e) Preserve, if practicable, natural drainage patterns when disturbed by civil works with appropriate drainage channels;
- f) Provide PPEs and other safety provisions required by DOLE for its project/site works;
- g) Take all necessary steps to prevent the pollution of groundwater and/or water bodies in the vicinity of the project site.

### **CW 5.3 MATERIALS**

All construction safety and health protective and safety equipment shall be in good quality and manufacture, its names and size are specified in the Bill of Quantities.

### **CW 5.4 MEASUREMENT AND PAYMENT**

The unit of measure shall be in lot.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this item.

## **CW 6.1 MASONRY WORK**

### **CW 6.1 GENERAL SCOPE**

The work to be done under this item shall include the furnishing of all labor, materials, equipment, tools and other incidentals to complete the work.

## CW 6.2 MATERIALS

The Concrete Hollow Blocks shall be of standard manufacture, its size shall be shown in the drawings or as specified in the Bill of Quantities.

Cement mortar proportions for laying the Concrete Hollow Blocks shall consist of one (1) part Portland cement, and three (3) parts fine sand. Only sufficient water to make a workable mix will be permitted.

Cement shall be Portland cement of approved brand conforming to ASTM specifications C150, Type I.

Sand shall be clean, washed and free from deleterious substances.

Water for mixing shall be clean and potable.

## CW 6.3 WORKMANSHIP

Laying of all masonry units shall be plumbed, leveled and accurately spaced. All units shall be wetted before laying. All joints should be filled with mortar at the time it is laid. Embedding of expansion shields, conduits, etc. shall be done as the erection progresses. Cutting and patching of masonry required to accommodate the work of other trades shall be performed by masonry mechanics. Finishing of Concrete Hollow Blocks to be applied with cement plaster will be cleaned and evenly wet slashed with a wash of neat cement and sand.

## CW 6.4 MEASUREMENT AND PAYMENT

Unit of measure shall be in square meter in its original position.

The accepted quantities shall be paid for at the contract unit price included in the Bill of Quantities which price and payment shall be full compensation for the removal and disposal of excavated materials including all labor, equipment, tools, and incidentals necessary to complete the work prescribed in this Item.

## CW 7.0 CARPENTRY WORKS (Portion of Walling Partition)

### CW 7.1 GENERAL SCOPE

These regulations shall apply to all parts of work in which joinery (carpentry for permanent features, i.e., excluding formwork or shuttering, wood scaffolding, etc.) will be used.

All services shall comprise labor, equipment and the supply of the appurtenant materials and structural components including off-loading and storage at the site unless otherwise specified.

All materials and structural components to be supplied, erected or installed by the Contractor, and therefore, ultimately incorporated in the structure shall be new and unused unless otherwise specified. They covered by standards shall meet the quality and dimensional requirements thereof.

In particular, the Contractor shall verify that such conditions as the following do not exist:

- undue humidity of the structure.
- Inadequate painting of the structural components intended to be installed.
- Lack of possibilities for fixing the structural components and sealing them against the respective part of the structure.

Other works which even if not specifically mentioned in the Bill of Quantities or schedule of price shall be included in the Contractual works.

- Protecting the executed works and the items handed over execution of same from damage and theft up to the time of acceptance.
- Providing small tackle and tools.
- Transporting all materials and structural components, from the storing places at the site to the points of destinations, and return transport if necessary.\
- Removal of all contamination arising from or in connection with the Contractor's work.
- Installing and dismantling as well as providing all false work and scaffolds.
- Chemical preservation of Timber.

Prior to the start of his operations under the item, the Contractor shall verify that all conditions are suitable for the timely and effective carrying out of his work. Where unsuitable conditions are found, they shall be reported in writing to the NPC representatives and under the NPC representative's direction immediately corrected.

## **CW 7.2 QUALITY OF LUMBER**

Lumber indicated and required for various parts of the work shall be of the best grade available. It must be straight, sound, bright, of nature growth, well-seasoned and conditioned to suit the particular purpose for which is to be used. The material shall be cleanly spawn, square edged, and free from injurious shakes, splits, warps, waness and knots, soft spots and rot, incipient, decay and all other defects or imperfections impairing its strength, durability or appearance. All structural components shall be made so that when properly treated and used they will not warp or crack under any circumstances including stresses due to temperature

humidity that will have to be expected. Their general conditions on lumber when not mentioned in the succeeding particulars are carried and shall apply.

### **CW 7.3 FASTENING**

Joints for cabinet work shall be glued aside from nails or other fastening device required. The type and strength of gluing shall suit the site of installation and intended application must not cause any discoloration or other damage. Sealing compounds shall be resistant to atmospheric influences, shall not harden, and shall not be aggressive.

All nails on surfaces exposed to view shall have flush heads. They shall be countersunk. The use of nails with notched heads and screw nails in lieu of wood screws shall not be allowed.

All door frames shall be rabbeted and moided. Frames which are in contact with concrete shall be anchored by means of 102 mm (4") common wire nails spaced not more than 204 mm (8") apart the contact surfaces.

Anchors, connectors, fastenings, and any rough hardware necessary for the completion of the work but it is not shown or indicated on the drawings and/or specified shall be provided. Such rough hardware shall be of the size and type to suit the conditions encountered. Bolts, nuts, washers, hangers, straps and other rough hardware are embedded in or in contact exterior wall of concrete masonry or slab or exposed to weather shall be zinc coated unless otherwise specified. Bolts head and nut bearing on wood shall be provided with standard steel washers.

### **CW 7.4 MATERIALS**

Materials for carpentry works shall conform to the following specifications and shall be used whenever indicated in the Plans or noted in the Bill of Quantities.

#### **a) Kinds of Lumber**

##### **1) S4S Yacal, Molave guijo or approved equal**

- i) Door and window Jambs, sills and mullions.
- ii) Any lumber in contact with concrete or masonry, such lumber mentioned above shall be treated with wood preservative treating solution.

##### **2) Apitong or approved equal**

- i) Ceiling frames and hangers.
- ii) Wooden frames and shelves, cabinets and closet.

##### **3) Tanguile, Red Laauan or approved equal**

- i) Cabinet and closet framing, kiln-dried with moisture content not more than 10% when tested.
- ii) All mouldings, base boards and wood stats.

iii) Vertical and horizontal studs for interior partitions.

iv) All T & G board, fascia boards, louvers shall be kiln-dried with moisture content not more than 10% when tested.

v) Door and Window sash frames.

4) Kiln-dried Narra

i) Moulding and lattice works and base boards.

ii) Wood handrails, door panels and frames with moisture content not more than 10% when tested.

iii) All structural lumber to be used for truss members, purl ins, cleats, wood plates, girder and rafters shall be as indicated in the Civil Design drawings.

**CW 7.5 MEASUREMENT AND PAYMENT**

Refer to Bill of Quantities for the pertinent items where required.

**CW 8.0 PLUMBING FIXTURES AND FITTINGS**

**CW 8.1 GENERAL SCOPE**

This item shall consist of furnishing all plant, labor, equipment and tools, articles, appliances and materials and in performing all operations with the installation of all plumbing fixtures and fitting, in strict accord with the specifications or indicated on the drawings, are included in this item.

**CW 8.2 MATERIALS**

All plumbing fixtures and fittings must be standard and good quality as they are shown in the drawings or as specified in the Bill of Quantities.

All Plumbing materials shall meet the requirements of the National Plumbing Code of the Philippines. All plumbing fixtures and fittings must bear the trademarks of the manufacturer. All installation without the trademarks shall be removed and replaced with properly marked fittings without extra cost to the NPC.

**CW 8.3 WORKMANSHIP**

Plumbing fixtures shall be installed free and open in a manner to afford access for cleaning. All brackets, cleat, plates and anchors required to support the fixtures shall be furnished in a rigidly manner.

Installed plumbing fixtures shall be kept clean and in working order for adequate protection so as not to be used by anybody until issuance of Certificate of Completion.

All Fixtures shall be provided with individual control stop so that each fixture may be separately controlled without affecting any other fixture.

## **CW 8.4 MEASUREMENT AND PAYMENT**

The unit of measure shall be in lot.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

## **CW 9.0 WATER CLOSET AND STAINLESS LAVATORY**

### **CW 9.1 GENERAL SCOPE**

These items shall consist of furnishing all plant, labor, equipment and tools, articles, appliances and materials and in performing all operations with the installation of all Jalousies fixtures and fitting, in strict accord with the specifications or indicated on the drawings, are included in this item.

### **CW 9.2 MATERIALS**

Water Closet, Stainless Lavatory and its fixtures shall have a smooth surface, containing no sand or grit and shall be free from the lumps and unmixed coloring pigments. Materials shall consist of only the highest grade laboratory approved uPVC resin, plasticiser and stabilizers, pigments and quartz filler, which is used to insure abrasion resistance and dimensional stability.

### **CW 9.3 WORKMANSHIP**

The Water Closet/Stainless Lavatory and its fixtures shall be installed free and open in a manner to afford access for cleaning. All brackets, cleat and anchors required to support the fixtures shall be furnished in a rigidly manner. It shall be kept clean and in working order for adequate protection so as not to be used by anybody until issuance of Certificate of Completion.

All Fixtures shall be provided with individual control stop so that each fixture may be separately controlled without affecting any other fixture.

### **CW 9.4 MEASUREMENT AND PAYMENT**

The unit of measure shall be in lot.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

## **CW-10.0 UPVC AND HARD WOOD PANEL DOOR**

### **CW 10.1 GENERAL SCOPE**

This item shall consist of furnishing all plant, labor, equipment and tools, articles, appliances and materials and in performing all operations with the installation of all Door with Metal and Wooden Panel fixtures and fitting, in strict accord with the specifications or indicated on the drawings, are included in this item.

#### **CW 10.2 MATERIALS**

Hard Wood panel/UPVC and its fixtures and UPVC and its accessories shall be of the first class quality plywood and the color shall be approved by the NPC representative and Hard wood jambs shall be yakal which is common to all doors. They are shown in the drawings or as specified in the Bill of Quantities. Its frames and fixtures must attached with the doors, All installation without the trademarks shall be removed and replaced with properly marked fittings without extra cost to the NPC.

#### **CW 10.3 WORKMANSHIP**

Hard Wood door panel and its fixtures, and UPVC door shall be installed free and open in a manner to afford access for cleaning. All brackets, cleat and anchors required to support the fixtures shall be furnished in a rigidly manner.

#### **CW 10.4 MEASUREMENT AND PAYMENT**

Measurement and payment for UPVC doors and Hard wood panel doors will be based on the number of sets installed and accepted by the NPC representative.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

### **CW 11.0 ROOFING AND TRUSSES WORKS**

#### **CW 11.1 GENERAL SCOPE**

This Item shall consist of furnishing, fabricating and placing all steel trusses in accordance with the AISC "Manual of Steel Construction" and prefabricated painted metal sheet materials, tools and equipment, plant including labor required in undertaking the proper installation complete as shown on the Plans and in accordance with this Specification.

#### **CW 11.2 MATERIALS**

Materials for steel trusses shall be of the best quality of their kind, well graded and within the all allowable distortions, however, they shall be free from flakes, corrosion, scale or fragments that could reduce the resistance and durability or injure the external appearance.

Prefabricated painted roofing sheets shall be fabricated from cold rolled galvanized iron sheets specially tempered steel for extra strength and durability. It shall conform to the material requirements defined in PNS 67: 1985. Profile section in



identifying the architectural moulding rib to be used are as follows: Regular corrugated, Quad-rib, Ti-wave, Rib-wide, twin-rib, etc. Desired color shall be subject to the approval of the Architect/Engineer.

Gutters, Valleys, Flashing Hip and Ridge roll shall be fabricated from gauge 24 (.600 mm thick) cold-rolled plain galvanized iron sheets specially tempered steel. Profile section shall be as indicated on the Plans.

Fastening hardware shall be of galvanized iron straps and rivets. G.I. straps are of .500 mm thick x 16 mm wide x 267 mm long (gauge 26 x 5/8" x 10-1/2") and standard rivets.

### CW 11.3 WORKMANSHIP

Materials shall conform to the respective specifications specified herein. Materials not otherwise specified herein shall conform to the AISC "manual of Steel Construction".

Structural Steel:	ASTM A36
Steel Pipe:	ASTM A53, Type E or S, Grade B, ASTM A501.
Steel W-Shape Piles (Soldier Piles):	ASTM A328

All welding works shall be as indicated on the drawings and shall conform to AWS D1.1 77 "Structural Welding Code". Unless specified on the drawings, fillet welds shall be a minimum of 5mm (3/16") and welding electrodes shall be with a tensile strength of 485 MPa.

All welding works shall be executed by the AWS D1.1 qualified welders, welding operators and trackers, whose workmanship shall be subject to the approval of NPC.

Roofing installation shall start by placing the first sheet in position with the down turned edge in line with other building elements and fastened to supports as recommended,

Place the down turned edge of the next sheet over the edge of the first sheet, to provide side lap and hold the side lap firmly in place. Continue the same procedure for subsequent sheets until the whole roofing area is covered and/or (Adopt installation procedure provided in the instruction manual for each type of Architectural molded rib profile section).

Pre-painted steel roofing, walling products and accessories should be delivered to the job site in strapped bundles. Sheets and/or bundles shall be neatly stacked in the ground and if left in the open it shall be protected by covering the stack materials with loose tarpaulin.

Where so indicated on the Plans, structural members shall be joined by welding. The welds shall be of the size and type indicated and shall be made by competent operators.

#### **CW 11.4 MEASUREMENT AND PAYMENT**

The unit of measure shall be in lot.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

#### **CW 12.0 TILE WORKS**

##### **CW 12.1 GENERAL SCOPE**

This item shall consist of furnishing all plant, labor, equipment and tools, articles, appliances and materials and in performing all operations with the installation of all Jalousies fixtures and fitting, in strict accord with the specifications or indicated on the drawings, are included in this item.

##### **CW 12.2 MATERIALS**

The size of Ceramic/Porcelain tiles shall be indicated in the drawing or in the Bill of quantities. Tiles shall have a smooth surface, containing no sand or grit and shall be free from the lumps and unmixed coloring pigments. Tiles shall be in good quality and standard.

##### **CW 12.3 WORKMANSHIP**

The Tiles shall be installed free and open in a manner to afford access for cleaning. All brackets, cleat and anchors required to support the fixtures shall be furnished in a rigidly manner. It shall be kept clean and in working order for adequate protection so as not to be used by anybody until issuance of Certificate of Completion.

All Fixtures shall be provided with individual control stop so that each fixture may be separately controlled without affecting any other fixture.

##### **CW 12.4 MEASUREMENT AND PAYMENT**

The unit of measure shall be in square meter.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

#### **CW-13.0 PAINTING WORKS**

##### **CW 13.1 GENERAL SCOPE**

This Item shall consist of furnishing all plant, labor, equipment and tools, articles, appliances and materials and in performing all operations with the installation of all painting fixtures and fitting, in strict accord with the specifications or indicated on the drawings, are included in this Item.

### CW 13.2 MATERIALS

All paint materials shall meet the requirements of the Philippine National Standard Specifications for Paintings.

Paints shall be brought to the Site in tightly closeable, convenient, original containers, if nothing to the contrary is stipulated in the Specifications. The containers shall be marked in a durable manner with the following particulars:

- Maker
- Paint and relevant thinner
- Gross and net weights
- Date of supply by the maker's factory

Only thinners supplied by makers of the paint or those described by them as suitable shall be used for adjusting paints to working consistency. The instructions of the maker shall be followed in this respect.

With the exception of ready-mixed materials in original containers, all mixing shall be done at the job site. No materials are to be reduced or changed except as specified by the Manufacturer of said materials.

Surfaces to be painted must be thoroughly inspected. There might be some portion that needs further re-surfing and finishing. For wood surface, apply Davies Interior Primer & Sealer followed by Gloss-It Quick Drying Enamel with at least Two (2) coats.

### CW-13.3 WORKMANSHIP

All work shall be done by skilled painters in a workmanlike manner. All paints shall be evenly applied so as to be free from sags, runs, crawls or other defects. All painting materials shall be meet the requirements of stress and shall be in accordance with the relevant standards. All coatings shall be of proper consistency and well brushed out so as to show the minimum of brush marks, except varnish and enamel which shall be uniformly flowed on. All brushes shall be clean and in good condition, with heavy brushes preferred. Light brushes shall not be permitted.

Paint shall be thoroughly stirred so as to keep the pigment evenly in suspension when paint is being applied.

No painting shall be done under conditions that are unsuitable for the production of good results. No oil painting shall be done in damp weather.

Application of succeeding coats shall strictly follow the over-coating times specified by the paint manufacturer. If no specific data are available, all coats shall be thoroughly dry before painting shall be applied. At least twenty-four (24) hours shall be allowed between coats. Exterior painting under damp/wet conditions is not allowed.

Painting coat as specified are intended to cover the surfaces perfectly, if surfaces are not fully covered, further coat shall be applied to attain the desired evenness of the paint application.

All parts of mouldings and ornaments shall be left clean and true to details. All finish shall be uniform as to sheen, color and texture, except when glazing is required.

#### **CW 13.4 MEASUREMENT AND PAYMENT**

The unit of measure shall be in square meter.

The accepted quantity, measured as prescribed in the Bid Schedule, shall be paid for at the contract unit price which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

#### **CW 14.0 CLEARING AND DEMOBILIZATION**

##### **CW 14.1 General Scope**

This item shall consist of the disposition of entire Contractor's camp facilities, clearing and cleaning at the work site.

##### **CW 14.2 Materials**

##### **CW 14.3 Workmanship**

Before moving out, the contractor shall restore the orderly state of worksite by clearing all temporary structures. Remove all excess/waste materials and store in designated areas.

Before the Contractor will demoblize its construction equipment/tools, materials and crew, he shall secure approval from NPC and a joint inspection with the NPC inspector and Contractor will be conducted to make sure that all his accomplishment / work that needs remedial attention or correction shall be done prior to the issuance of the Certificate of Completion.

##### **CW 14.4 MEASUREMENT AND PAYMENT**

Work prescribed herein shall not be measured and paid separately; same shall be deemed to be included in pay items for other items for work.



Date: 01/03/24

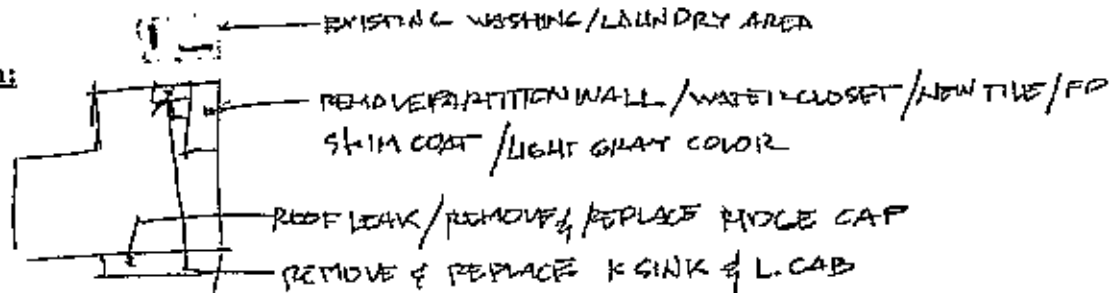
## Pre-Inspection/Field Investigation Report

Name of Project: HOUSE QTR # 354 SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR

Location: NPC COMP., BRGT DUCALAN, I.C.

Budget Allocation: \_\_\_\_\_  
 (Approved PFMP)

**Present Condition:**



**Proposed Project/Improvement:**

- REHABILITATE EXISTING WASHING AREA
- REPAIR / REPLACE TUBS AT CR
- NEW PARTITION WALLS FOR ADDITIONAL ROOM
- REPAIR WALLS (INTERIOR)
- REPLACE K SINK CAB.
- REPAIR RIDGE CAP PORTION
- INSTALL NEW EXHAUSTING FAN FOR THE CONNECTION OF THE NEW ROOM

*Note: Preparation of TOR will take effect after the day of the Field Investigation and has a duration of 60 working days as per work plan or can be adjusted upon agreed timeline of the End-User.*

Requested By:

*[Handwritten Signature]*

(Name, Position & Signature)

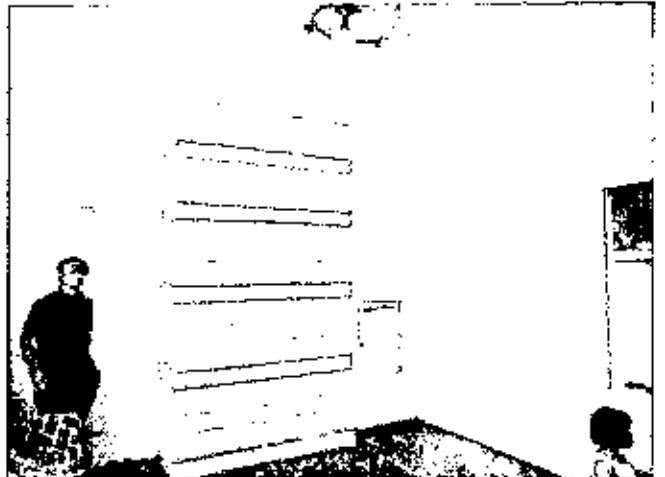
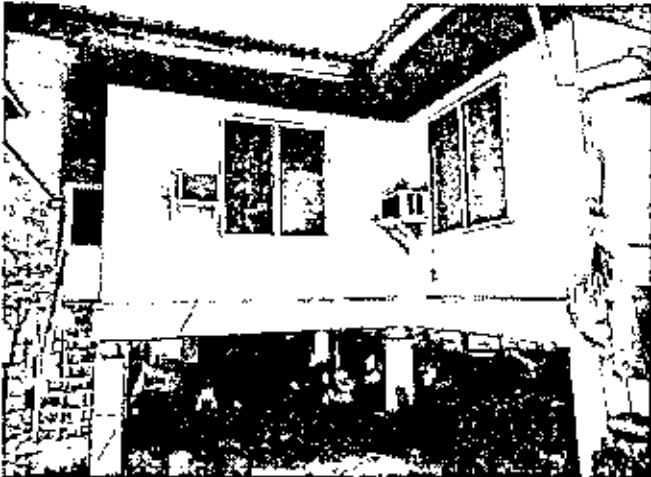
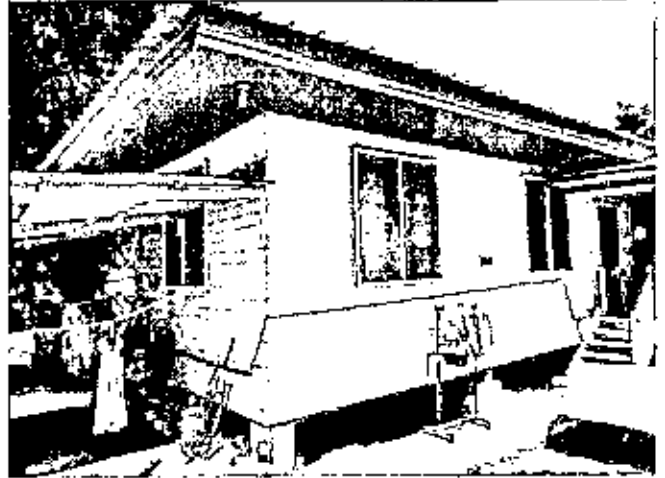
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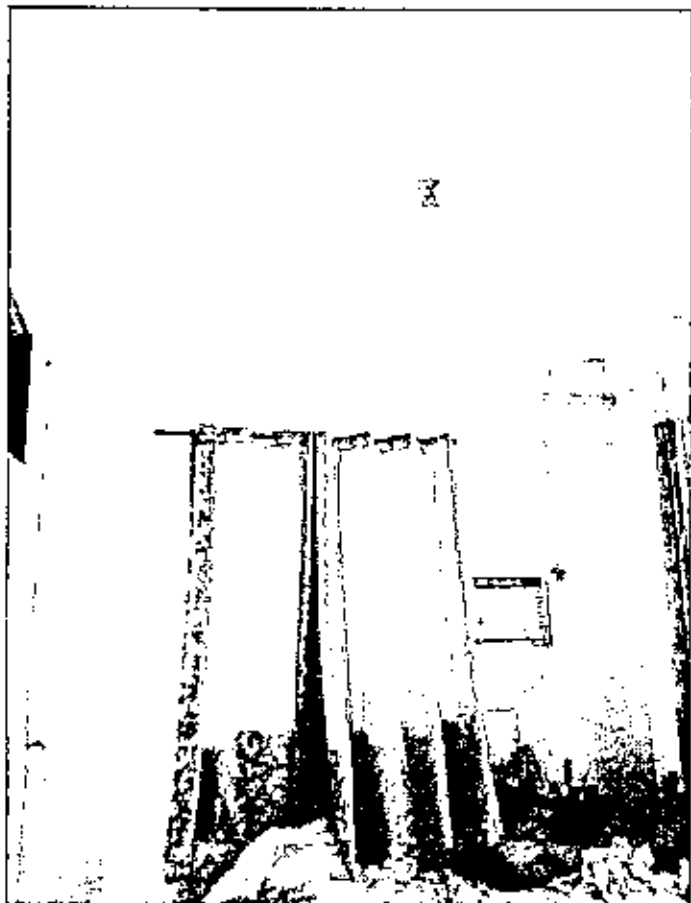
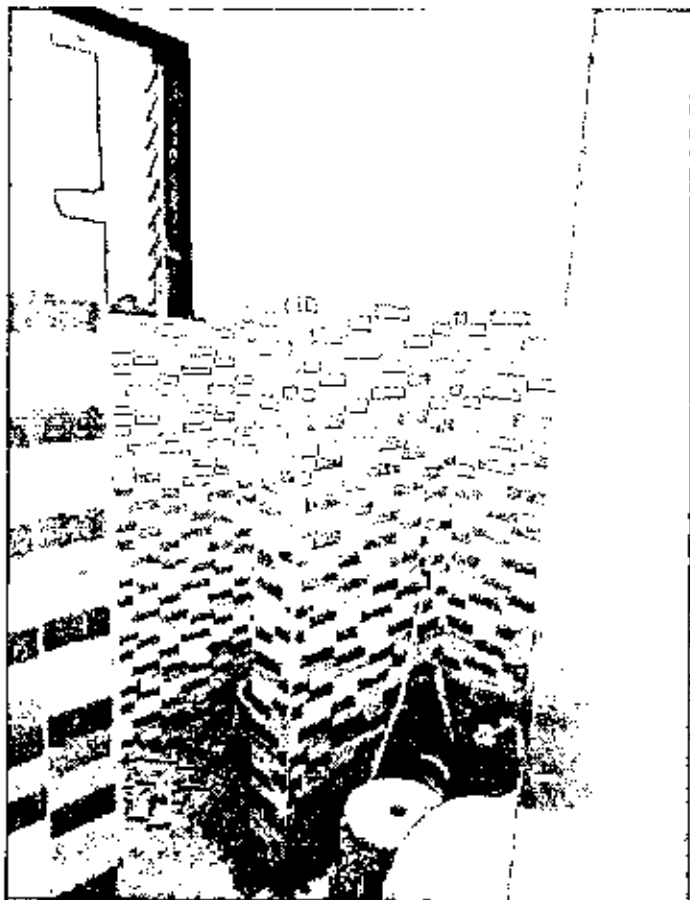
*[Handwritten Signature]*  
 Wilber P. Lawas  
 Principal Architect A

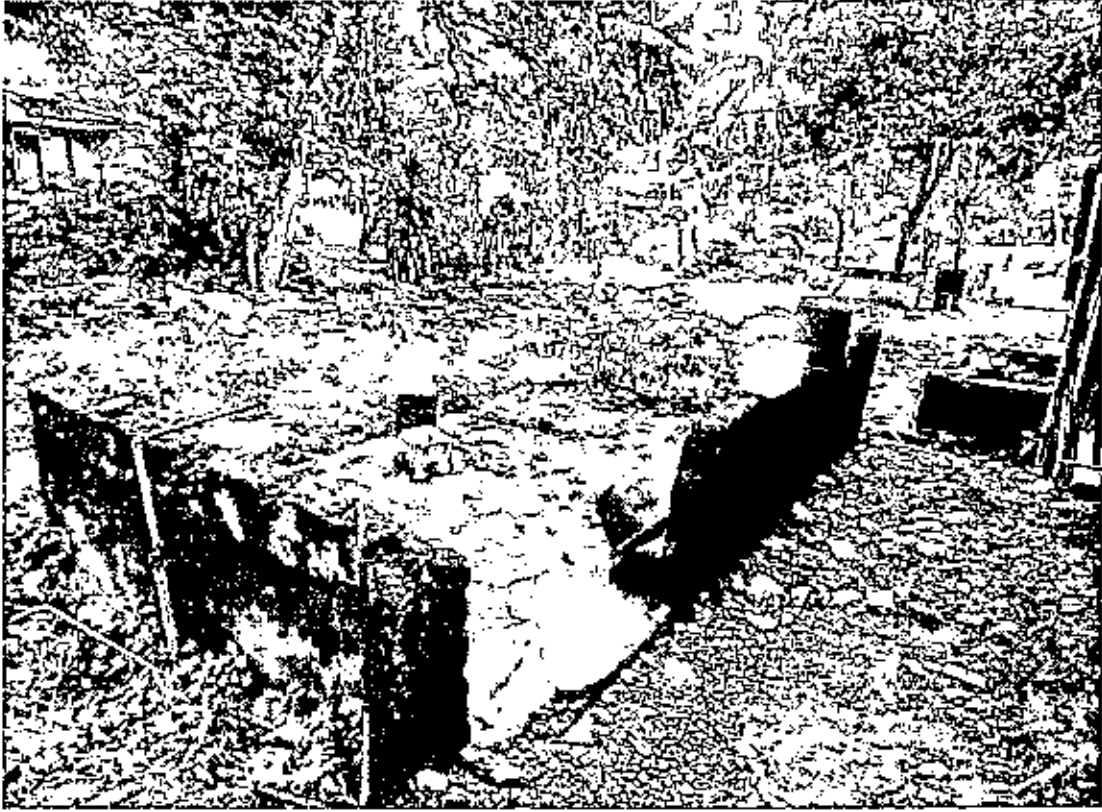
(Name, Position & Signature)

(Name, Position & Signature)

House Qtr. 35A, NPC.COMPOUND, BRGY. DITUCALAN, I.C.

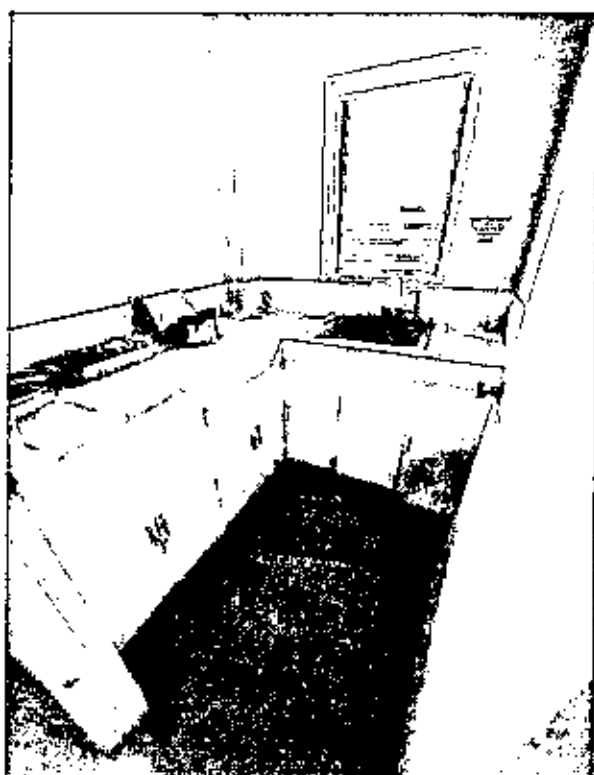
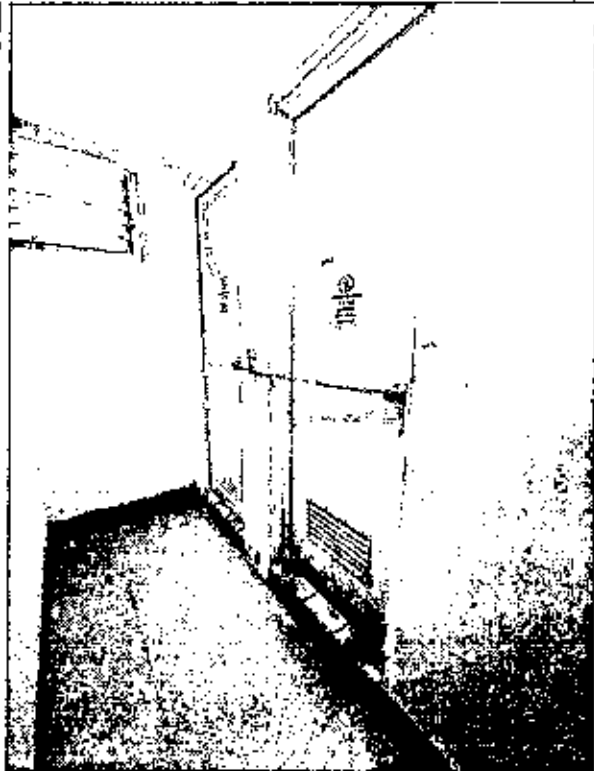


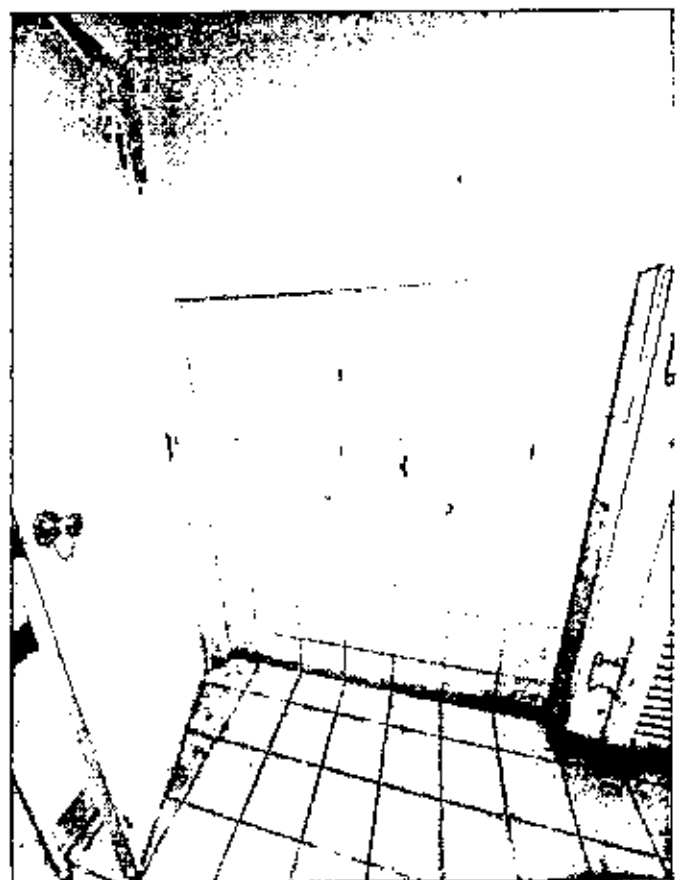
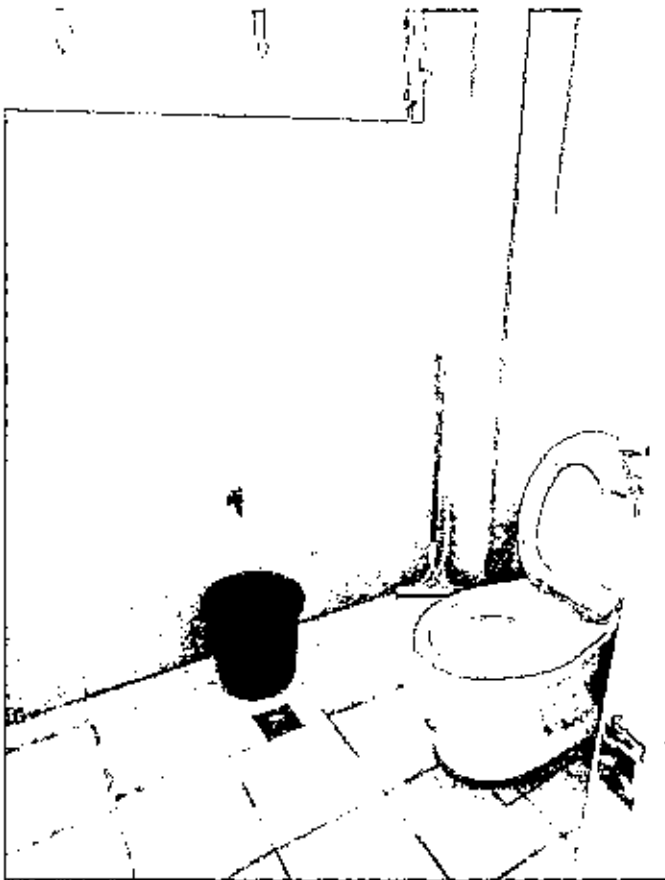
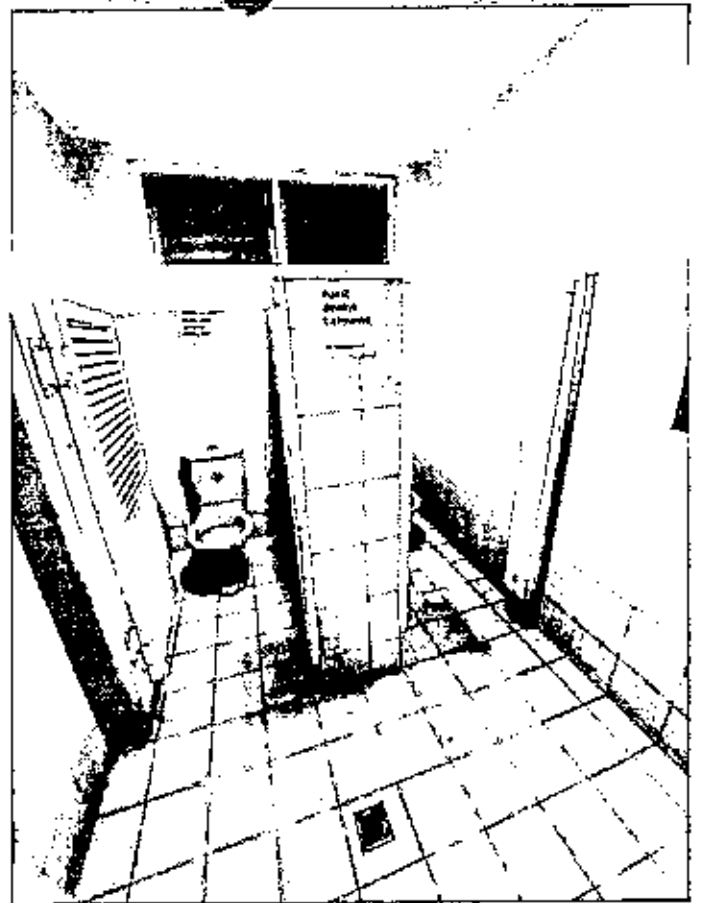






# CDD Comfort Rooms Repair







**PROJECT TITLE** DWG # P-62-JAN2024  
 SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR  
 THE REPAIR OF HOUSING QUARTER HQ 35A AND  
 CDD COMFORT ROOMS REPAIR

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CIVIL			
M/ECHT			
ELECT			
PRVT			

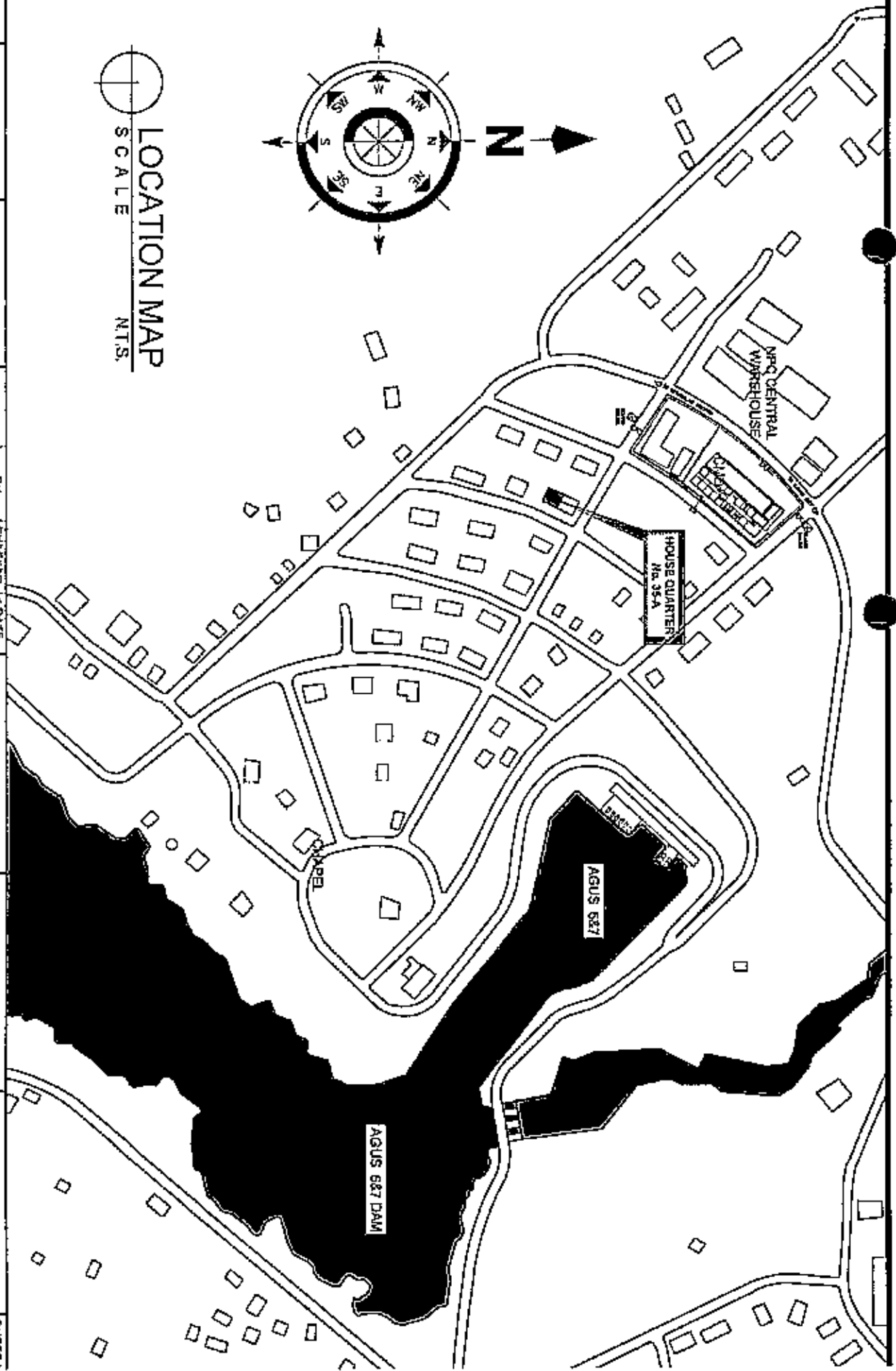
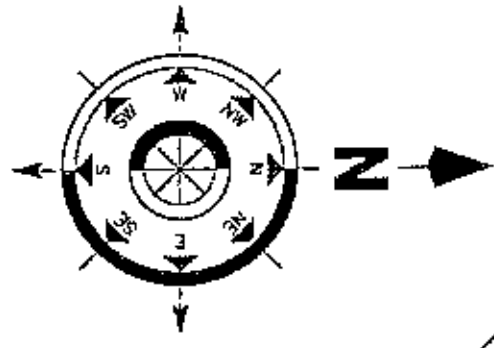
**SUBMITTED BY**  
 M. MARCARONIS  
 CIVIL ENGINEER, CDD

**RECOMMENDED BY**  
 ATTY. G.S. ALI  
 DEPT. ENGINEER, 7000

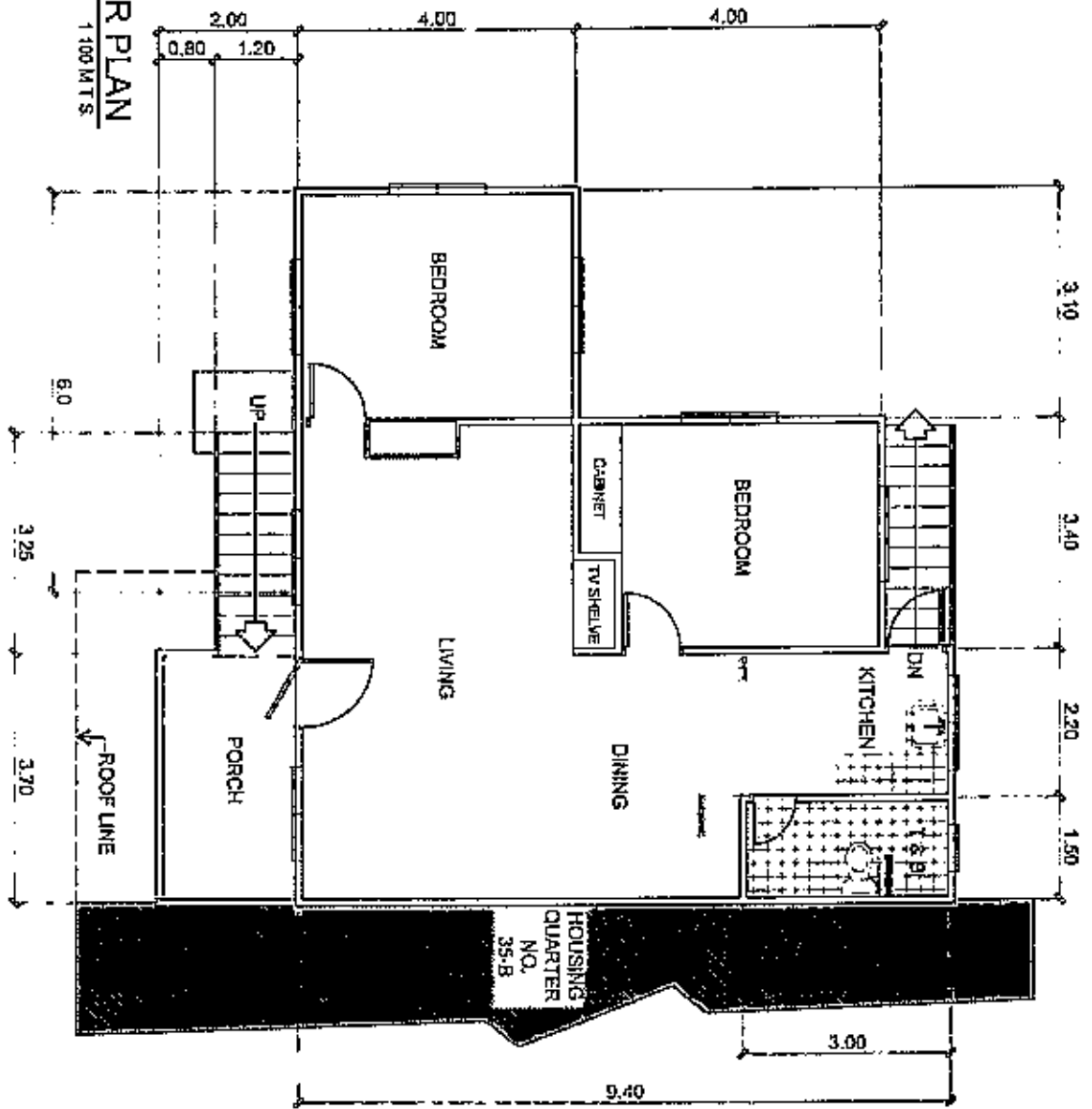
**APPROVED BY**  
 L.J. SABELLINA  
 ICEPRES. DEPT. MILICIA

**SHEET**  
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**LOCATION MAP**  
 SCALE N.T.S.

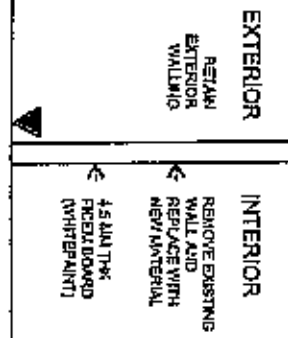


EXISTING FLOOR PLAN  
SCALE 1:100 MTS



	PROJECT TITLE	DWG # P 62-JAN2024	CAD	By	CHECKED	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET N
	SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 35A AND CDD (COMFORT ROOMS) PERAP		REVIEWED	WTL				A.M. MADROROSING DIR. MANAGER, CDD	ATTY. G.S. ALO DIR. MANAGER, CDD	L. SABELLINA CLERK, IDENT. MINGEN
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			CIVIL							2
			MECH							1
			ELECT							

REMOVE  
DILAPIDATED  
WOOD FRAME  
AND REPLACE  
WITH NEW  
MATERIAL

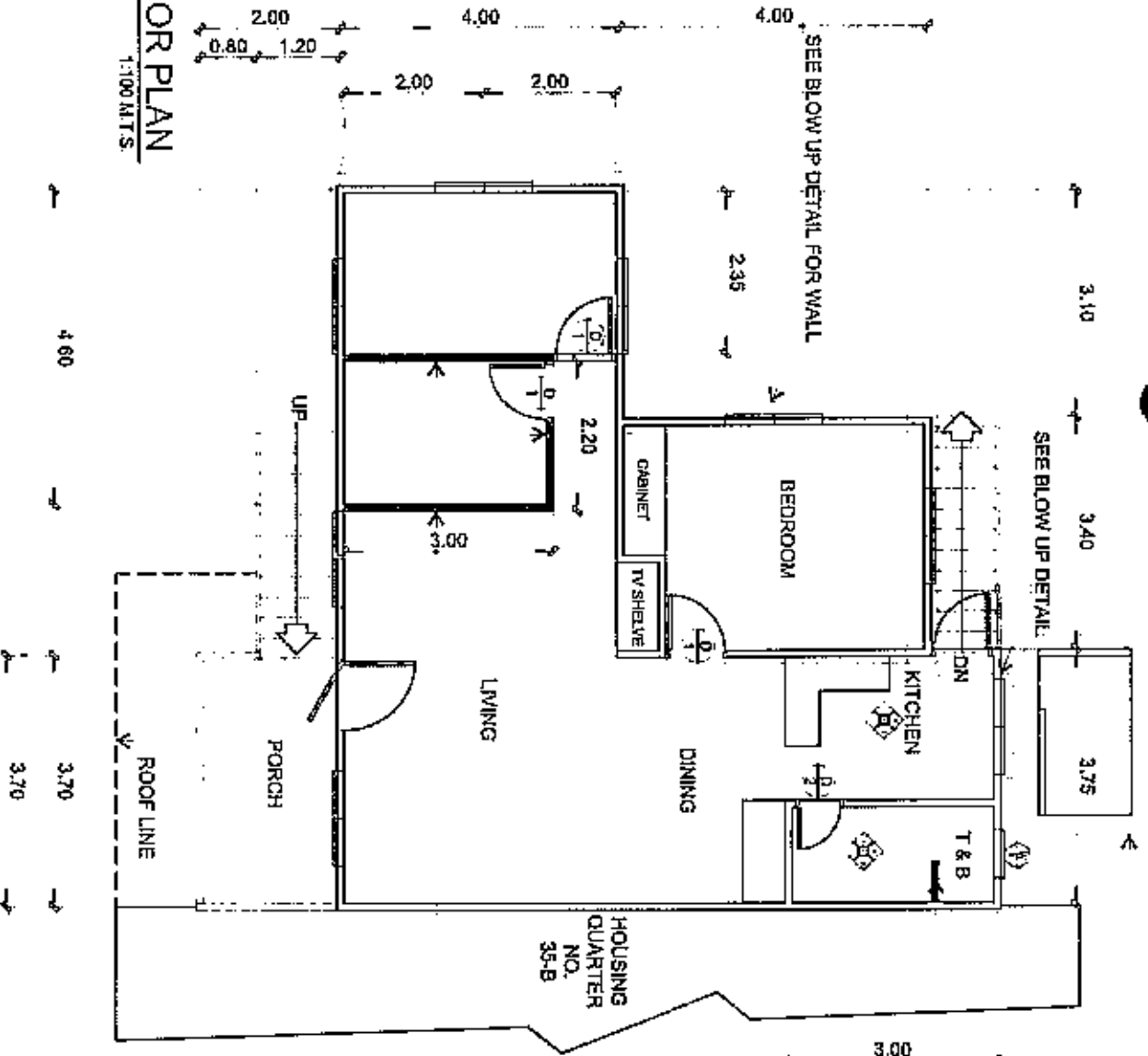


**DOUBLE WALLING DETAIL**

**WALL SECTION DETAILS**

**PROPOSED FLOOR PLAN**

SCALE 1:100 N.T.S.



DEMOLISHED EXISTING LOW WALL PARTITION AT WASHING/ LAUNDRY AREA SEE BLOW-UP DETAIL

DEMOLISHED EXISTING LOW WALL PARTITION SEE BLOW-UP DETAIL

ADDITIONAL PARTITION WALL 6 MM THICK FICEM BOARD (USE EXISTING COLOR ON SITE)

	PROJECT TITLE	DNK6 # P162 JAN2024	CAD REVIEWED	BY	CHECKED	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET
	SUPPLY OF LABOR MATERIALS AND EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 35-B AND CDD CONCEPT DESIGN REPAIR			ARCHT CIVIL MECH ELECTR	ADN WFL			M. MACARONISING BY MANAGER CDD	ATTY. G.S. AND DEPT. MANAGER CDD	



CDD

PROJECT TITLE DWG # P. 62 JAN 2024

SUPPLY OF LABOR MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 35A AID CDD C. M. MAGARONG

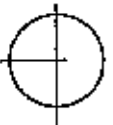
REVIEWED BY: CAD, ARCHT, CIVIL, MECH, ELECT

CHECKED BY: DATE

RECOMMENDED BY

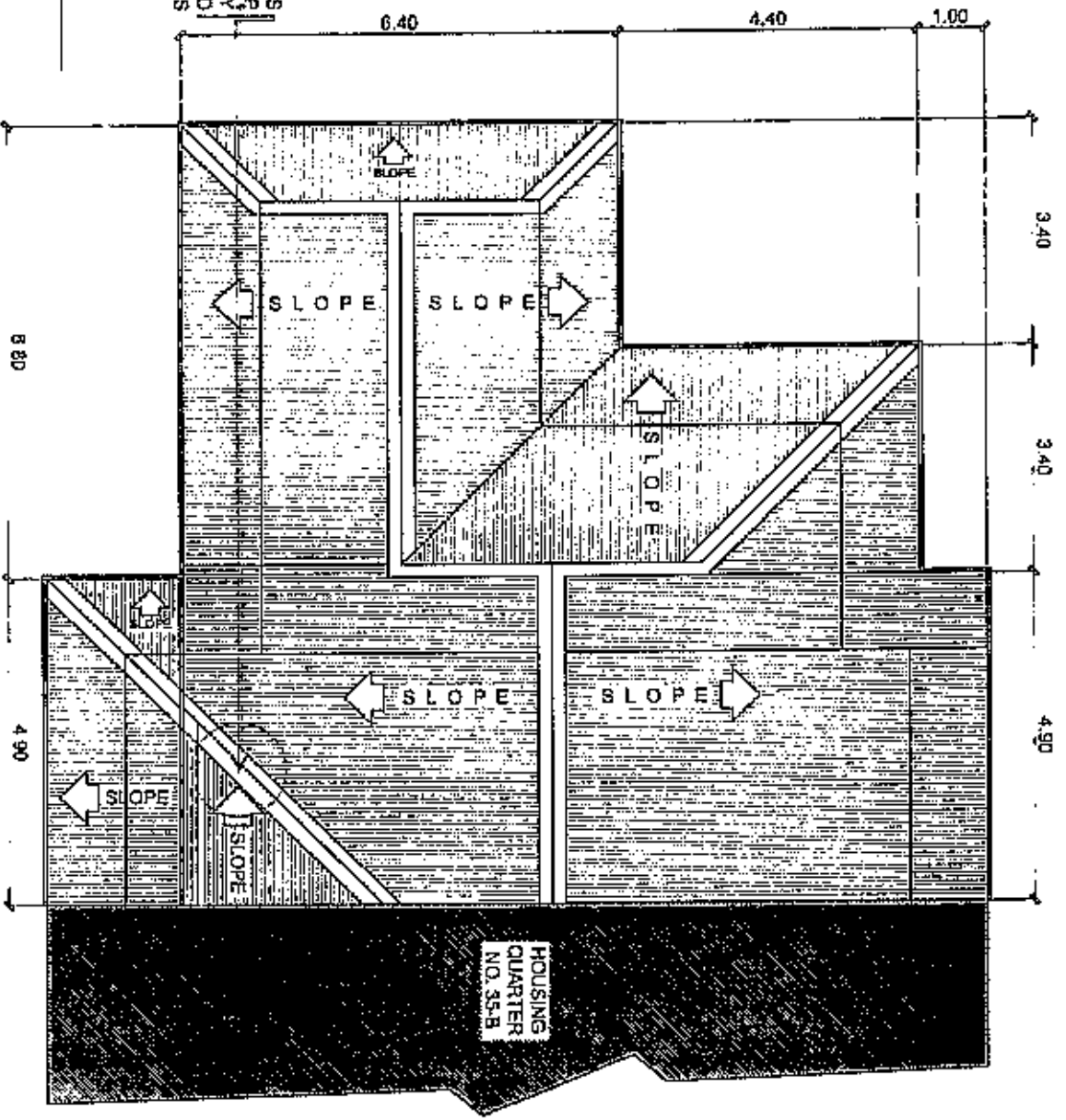
APPROVED BY

SHEET 1



ROOF PLAN  
SCALE 1:100 MATS

REMOVE AND REPLACE THIS PORTION OF RIDGE CAP, REPAIR DAMAGED AND APPLY WATER SEALANT ON VERIFIED ROOF LEAKS



SUBMITTED BY: *[Signature]*  
M. MAGARONG  
MANAGER - CDD

RECOMMENDED BY: *[Signature]*  
ATY. G. S. AID  
GENERAL MANAGER - CDD

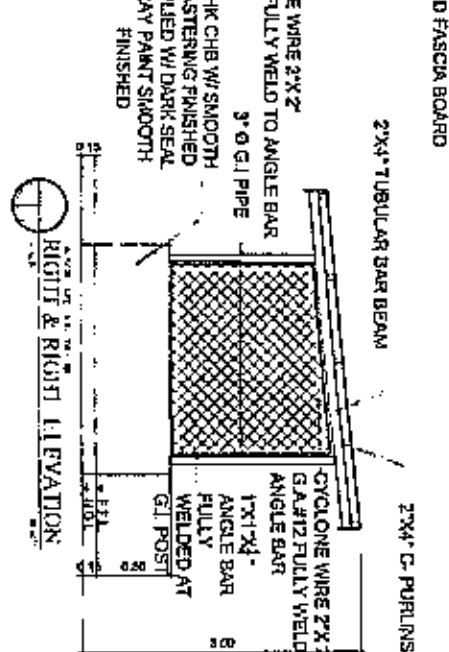
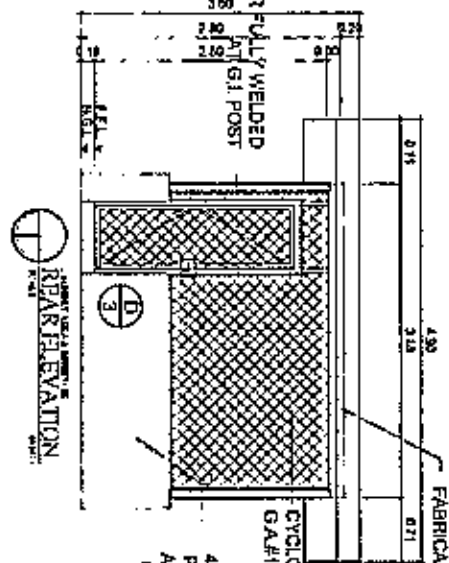
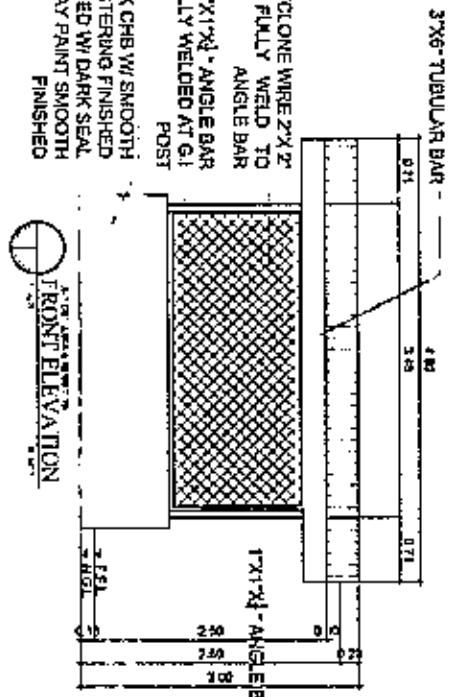
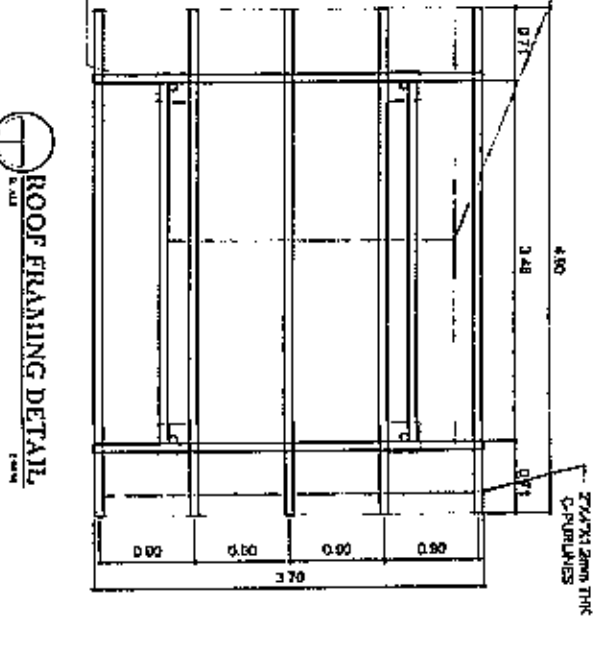
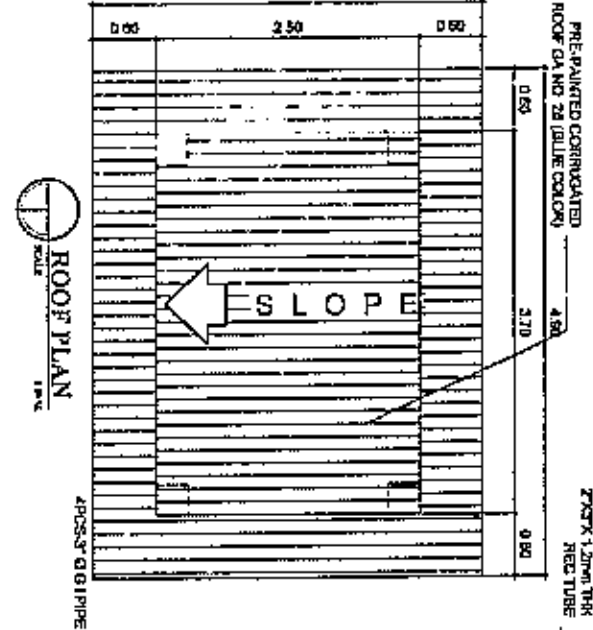
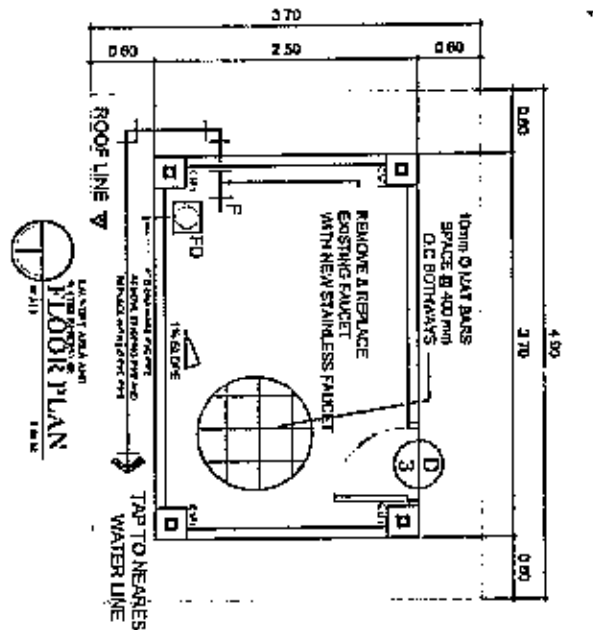
APPROVED BY: *[Signature]*  
L. J. CABENNA  
GENERAL DEPT. MANAGER

SHEET 1  
A  
SECTION  
4









FLOOR PLAN

ROOF PLAN

ROOF FRAMING DETAIL

FRONT ELEVATION

REAR ELEVATION

RIGHT & RIGHT ELEVATION

PROJECT TITLE	DWG # : P162-JAN2024	DATE	BY	CHECKED	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET #
SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 35A MID CAMP SUSTENT FOODS REPAIR									A
									7
									1



CD0

SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 35A MID CAMP SUSTENT FOODS REPAIR

REVISIONS

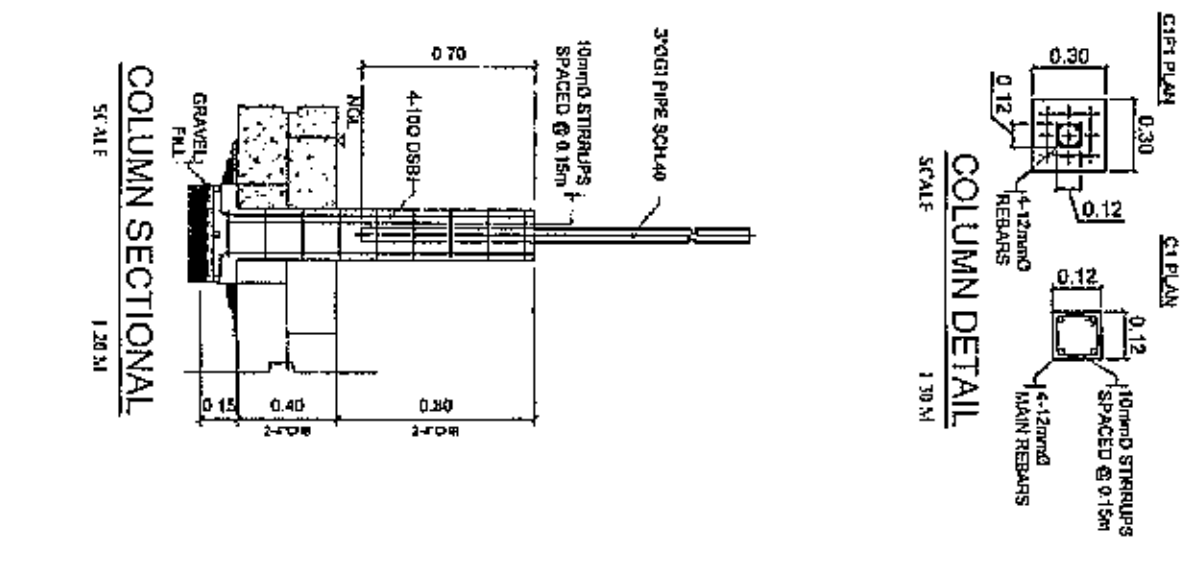
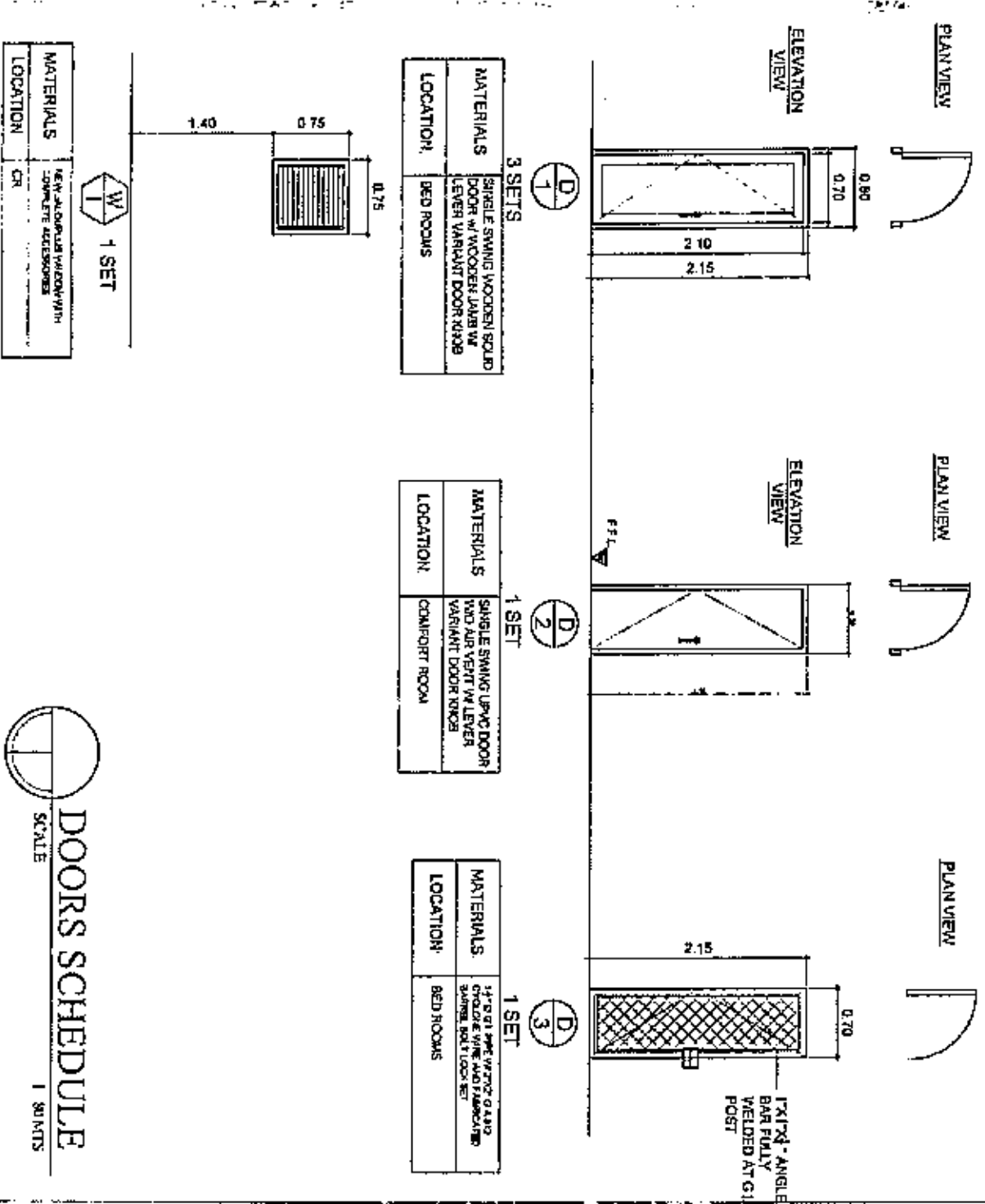
NO.	DESCRIPTION	DATE

APPROVED BY: *[Signature]*  
DIV MANAGER - CD0

RECOMMENDED BY: *[Signature]*  
CD0

APPROVED BY: *[Signature]*  
PRESIDENT - MINOR

SHEET #



<b>MATERIALS</b>	NEW ALUMINUM WINDOW WITH COMPLETE ACCESSORIES
<b>LOCATION</b>	CR

<b>MATERIALS</b>	SINGLE SWING UP-PVC DOOR AND AIR VENTING LEVER VARIANT DOOR KNOB
<b>LOCATION</b>	COMFORT ROOM

<b>MATERIALS</b>	1/2 SET UP-PVC DOOR AND AIR VENTING LEVER VARIANT DOOR KNOB
<b>LOCATION</b>	BED ROOMS

<b>PROJECT TITLE</b>	DWG #: P-152-JAN/2024
<b>SUPPLY OF LABOR, MATERIALS &amp; EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER HD 35A AND CON-FORT ROOMS REPAIR</b>	

<b>REVIEWED</b>	<b>BY</b>	<b>CHECKED</b>	<b>DATE</b>
ARCHT	WFL		
CIVIL			
MECH			
ELECT			

**SUBMITTED BY:** A.M. MACARANGANG  
**RECOMMENDED BY:** A.M. MACARANGANG  
**APPROVED BY:** L.J. GABELINA

**PAA**  
1958

**DOORS SCHEDULE**

SCALE 1:30 NTS

**1 SET**

**SHEET #**

A 1

**PROJECT TITLE**

DWG #: P-152-JAN/2024

SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER HD 35A AND CON-FORT ROOMS REPAIR

**REVIEWED**

**BY**

**CHECKED**

**DATE**

**RECOMMENDED BY:** A.M. MACARANGANG

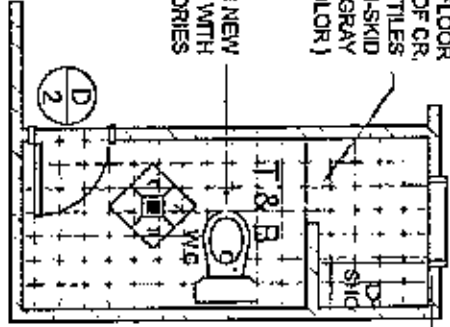
**APPROVED BY:** L.J. GABELINA

**SHEET #**

A 1

RE-ELEVATE & LEVEL THIS FLOOR LINE TO UPPER FLR LINE OF CR.  
 REPLACE EXISTING TILES W/ 30CM X 30CM NON-SKID FLOOR TILES (LIGHT GRAY COLOR)

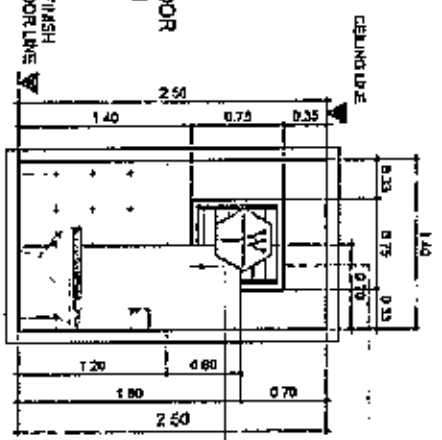
REPLACE WITH NEW WATER CLOSET WITH COMPLETE ACCESSORIES



**CR DETAIL**  
 SCALE 1:60 M

DEMOLISHED EXISTING PARTITION WALL AND RECOVER WALL WITH 30CM X 30CM CERAMIC WALL TILES (LIGHT GRAY COLOR)

NOTES:  
 • REMOVE/DEMOLISHED EXISTING PARTION WALL  
 • REMOVE AND REPLACE EXISTING FLOOR TILES W/ 30CM X 30CM CERAMIC FLOOR TILES (LIGHT GRAY COLOR)

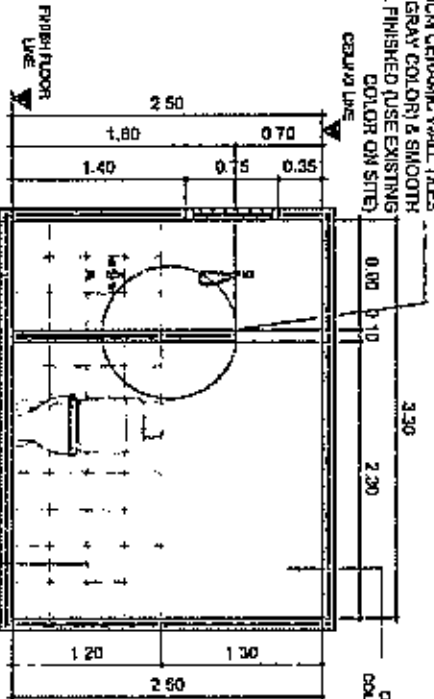


**SECTION A**  
 SCALE 1:60 M

REMOVE & REPLACE EXISTING WINDOW WITH NEW ALUMINUM WINDOW

DEMOLISHED EXISTING PARTITION WALL AND RECOVER WALL WITH 30CM X 30CM CERAMIC WALL TILES (LIGHT GRAY COLOR)

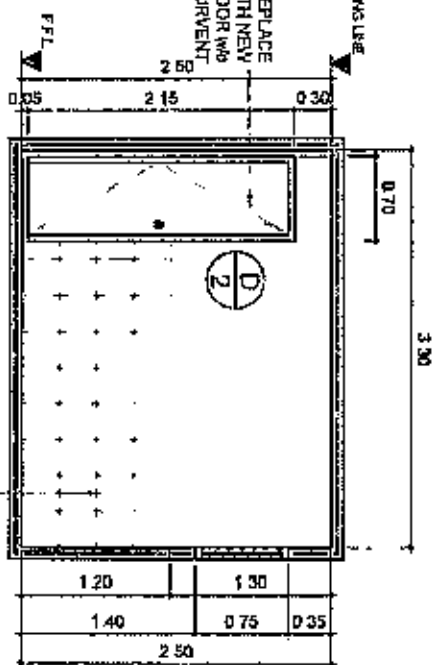
DEMOLISHED EXISTING PARTITION WALL AND RECOVER WALL WITH 30CM X 30CM CERAMIC WALL TILES (LIGHT GRAY COLOR) & SMOOTH WALL FINISHED (USE EXISTING COLOR ON SITE)



**SECTION B**  
 SCALE 1:60 M

REMOVE & REPLACE CR DOOR WITH NEW UPVC DOOR W/ AIRVENT

REPLACE WITH NEW UPVC DOOR W/ AIRVENT



**SECTION C**  
 SCALE 1:60 M

RETAIN EXISTING WALL TILE

RE-ELEVATE & LEVEL THIS FLOOR LINE TO UPPER FLR LINE OF CR

**SECTION B**  
 SCALE 1:60 M

RETAIN EXISTING WALL TILE

**SECTION C**  
 SCALE 1:60 M

RETAIN EXISTING WALL TILE



PROJECT TITLE: DWG # P-62-JAN12024  
 SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 354 AND 1000 COMFORT ROOMS REPAIR

CAO	BY	CHECKED	DATE
REVIEWED	ADGILL		
ARCHT	WPL		
CIVIL			
MECH			
ELECT			
REV #			

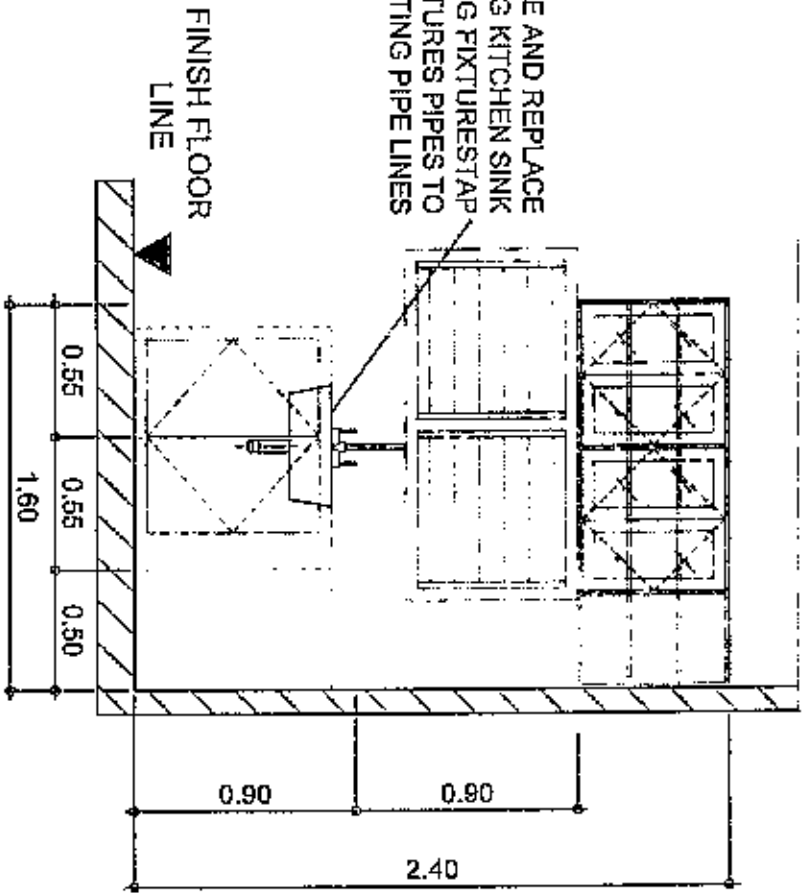
SUBMITTED BY: *[Signature]*  
 A.M. MACARONSUNG  
 SUI-TRAINING CDD

RECOMMENDED BY: *[Signature]*  
 AITY. G.S. AND  
 DDT-TRAINING CDD

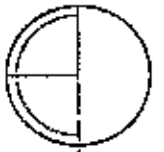
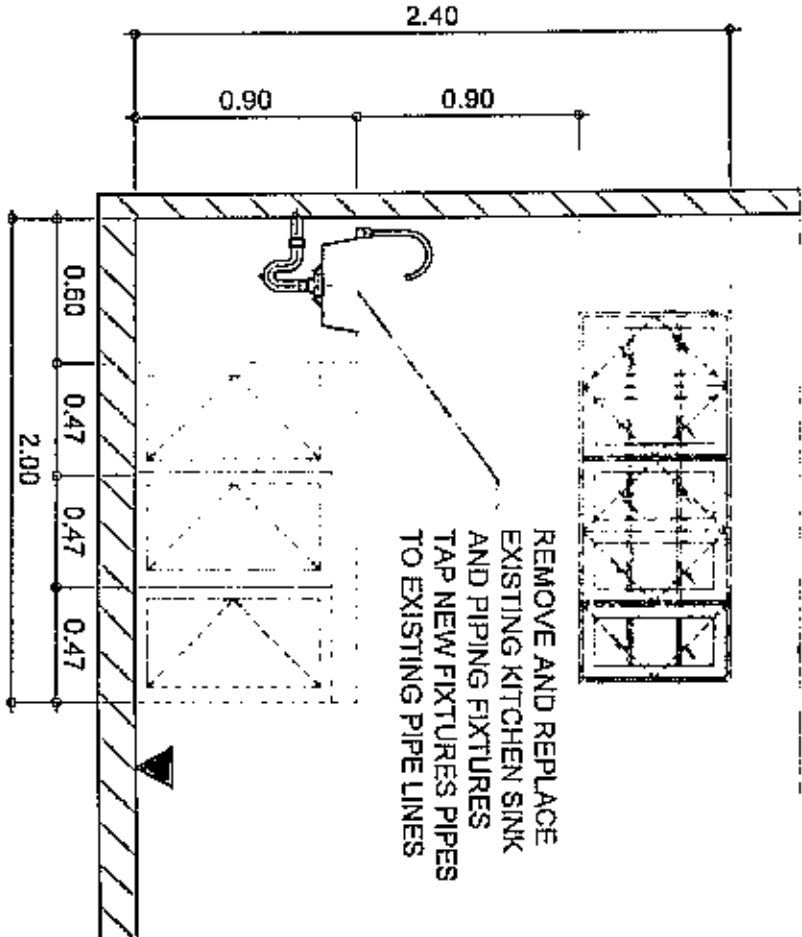
APPROVED BY: *[Signature]*  
 L. EABELLINA  
 CHIEF RESIDENT MNGR

SHEET	NO
A	9
SET NO	1

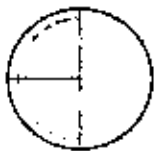
REMOVE AND REPLACE  
EXISTING KITCHEN SINK  
AND PIPING FIXTURES  
NEW FIXTURES PIPES TO  
EXISTING PIPE LINES



REMOVE AND REPLACE  
EXISTING KITCHEN SINK  
AND PIPING FIXTURES  
TAP NEW FIXTURES PIPES  
TO EXISTING PIPE LINES



KITCHEN AREA  
**SECTION - A**  
SCALE 1:60 M



KITCHEN AREA  
**SECTION - B**  
SCALE 1:60 M



PROJECT TITLE: DWG # P-62 JAN 2024  
SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO 35A AND CDD COMFORT ROOMS REPAIR

CAD	BY	CHKD	DATE
REVIEWED	ADJG		
ARCHT.	WPL		
CIVIL			
MECH			
ELECT			
PRV. #			





SUBMITTED BY: *[Signature]*  
A.M. MACARONGING  
DR. MANAGER CDD

RECOMMENDED BY: *[Signature]*  
ATTY. G.S. ALLON  
DEPT. LAW OFFICER CDD

APPROVED BY: *[Signature]*  
L.L. SABELINA  
VICE PRESIDENT MNCEN

SHEET # A 11  
5/11/2024

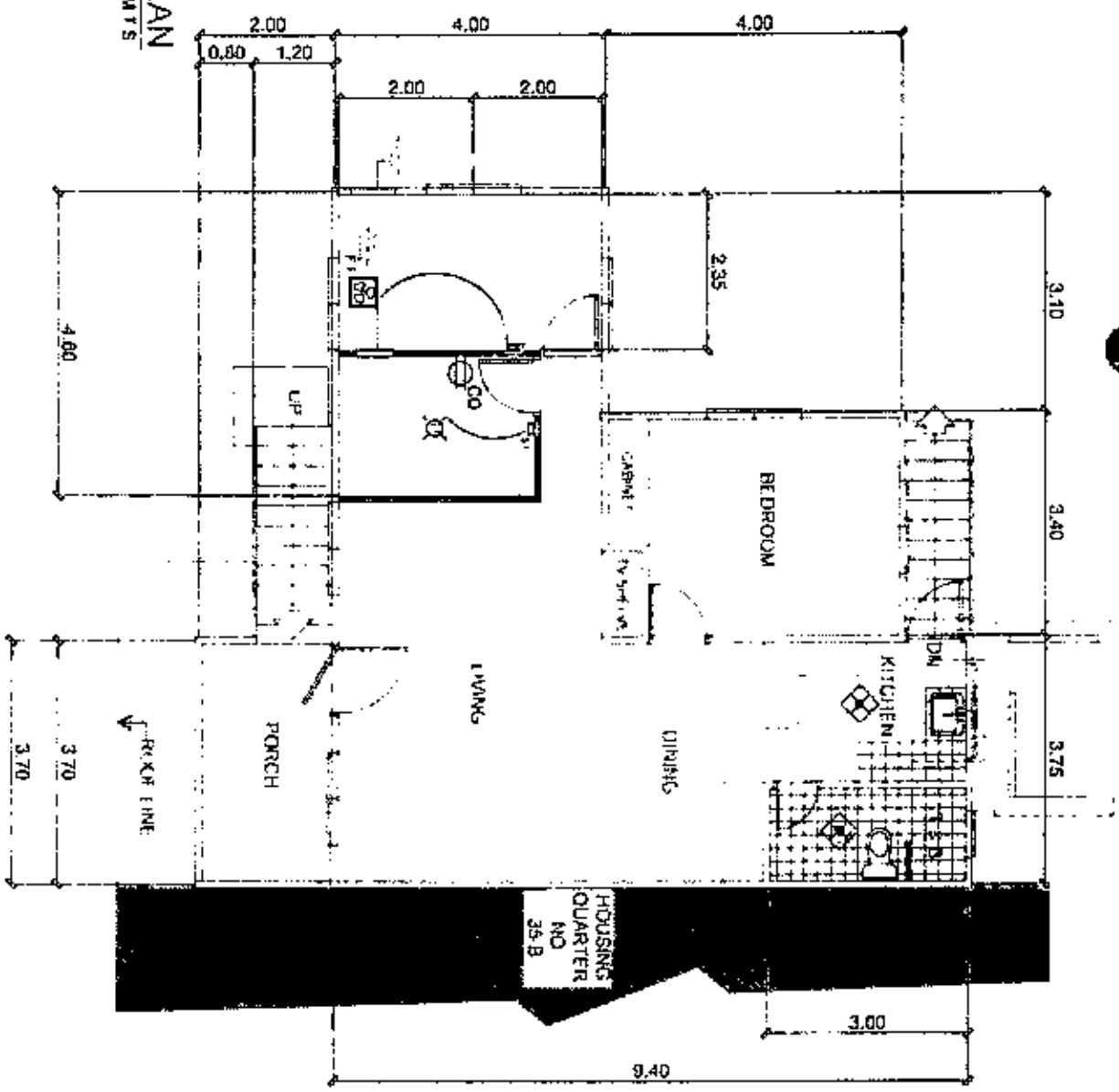
**LEGEND**

-  EXHAUST FAN
-  SWITCH LINE
-  SWITCH
-  CONVENIENCE OUTLET


**NOTE**

ALL NEW ELECTRICAL FIXTURES MUST BE TAP TO EXISTING CIRCUIT LINE RE-ARRANGE EXISTING ELECTRICAL LINE USING ELECTRICAL FLEX-HOSE

ALL VISIBLE ELECTRICAL WIRES MUST BE TUCK IN INSIDE WALLS AND MUST BE PROPERLY SECURED

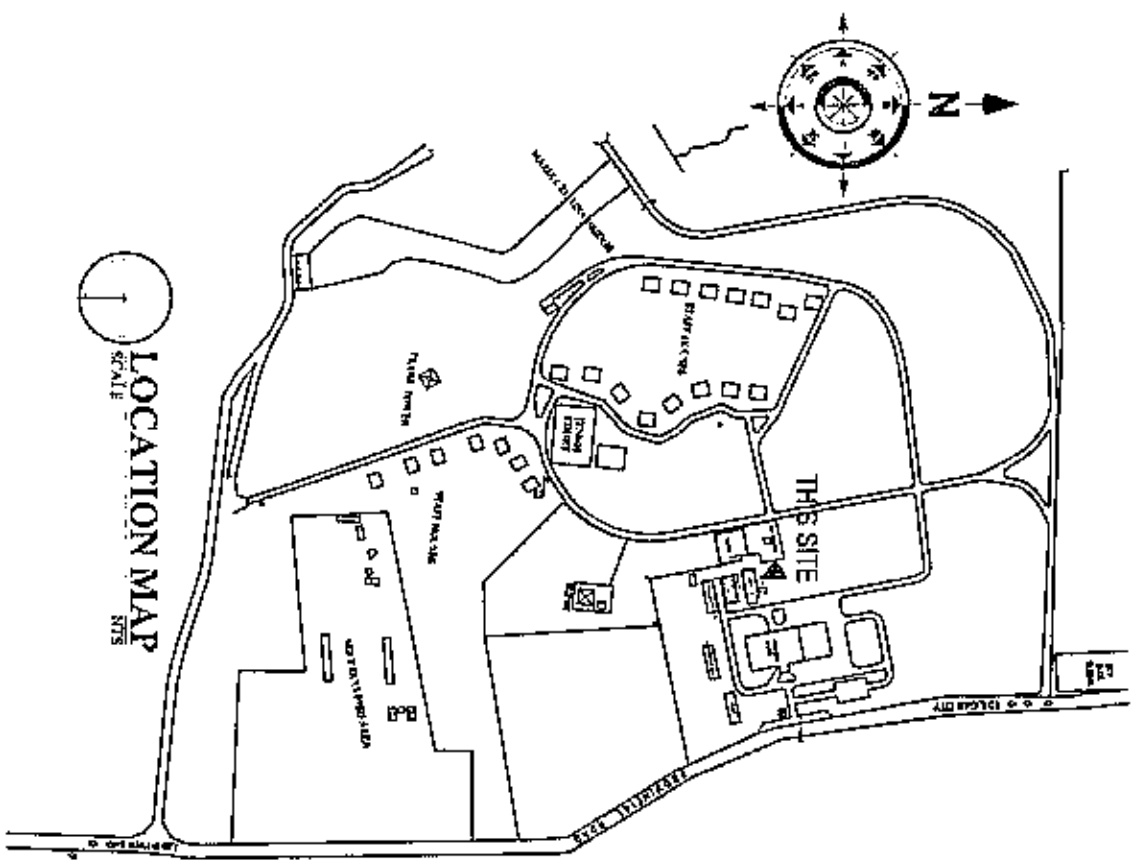


**ELECTRICAL PLAN**  
SCALE 1:100 M/T S


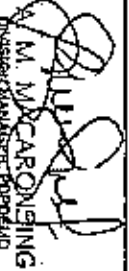
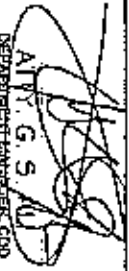
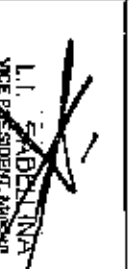
 CIDCO SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO 35A AND CIDCO COMFORT ROOMS REPAIR	PROJECT TITLE	DWG # : P162-JAN2024	BY	CHECKED	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET N
	CAD	ADJILI	WFL			AMM. MACARONING BILL MANAGER, CIDCO	ATTY. G.S. ALI D.D. MANAGER, CIDCO	L.I. SABBANI VICE PRESIDENT, MINGCHI	E
	REVIEWED								SET NO
	ARCHT								1 1 1
	CIVIL								
	MECHT								
	ELECT								
	REV. #								

# CDD BUILDING

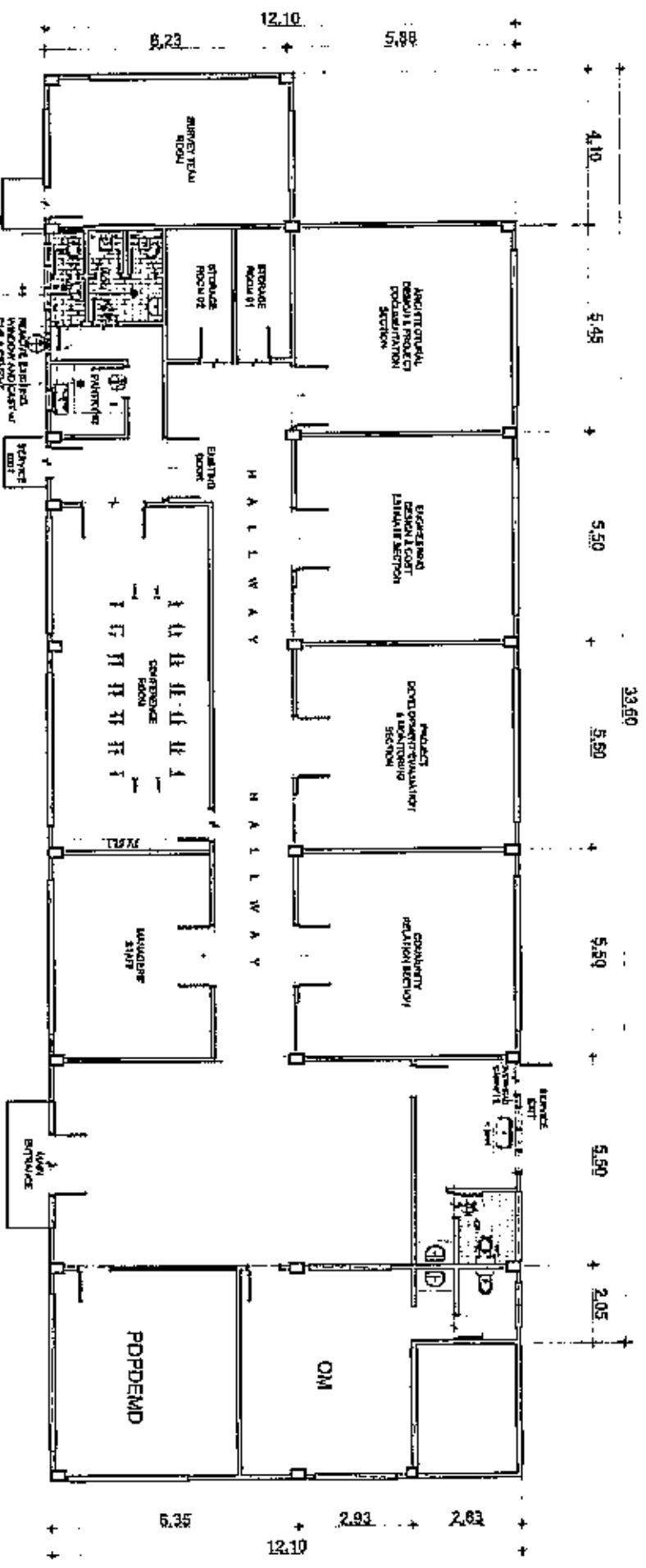
NOTE: ALL DIMENSIONS ARE IN METER  
UNLESS OTHERWISE SPECIFIED



LOCATION MAP  
SCALE 1:1000

	PROJECT TITLE:	FIGS - JAN/2023	PREPARED BY:	OPERATED DATE:	SUBMITTED BY:	RECOMMENDED BY:	APPROVED BY:	SHEET NO
	SUBJECT OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOLDING QUARTER NO 35A AND CDD COMMAND ROOM REPAIRS			CAD ARCHT. CIVIL MECH ELECTR ENV. E	ADRIAN W.P.	 M. M. CARONISING DIRECTOR GENERAL POPULAR	 A. G. S. M. DEPARTMENT CHIEF CDD	 L. I. SABANTINA VICE PRESIDENT AMBUD

NOTE: ALL DIMENSIONS ARE IN METER  
UNLESS OTHERWISE SPECIFIED



PLAN VIEW  
SCALE 1:150 MTS

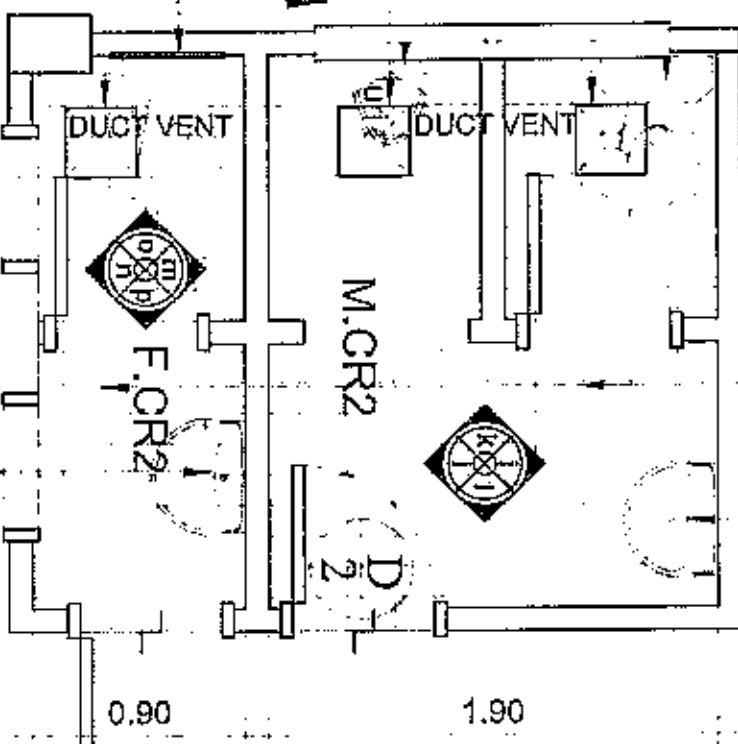
	PROJECT TITLE	FIG.3 JAN2023	PREPARED BY	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET NO.
	SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 95A AND CDD COMPOUND ROAD STRIPS		EAD ARCHT CIVIL MCHT ELECT ETV. #	ADDL W/P	A. M. MACARONING DIVISION MANAGER, BORDO	A.T.T. G.S. M.D. DESIGNER, BORDO	L.L. SABELLA VICE PRESIDENT, BORDO	A 13 SET NO 13 18

NOTE: ALL DIMENSIONS ARE IN METER  
UNLESS OTHERWISE SPECIFIED

2.40

20 X 100CM NON-SKID  
WOOD PLANK CERAMIC  
TILES (OAKWOOD COLOR  
TEXTURE)

NEW CERAMIC PEDESTAL  
LAVATORY



NEW CERAMIC ONE PIECE  
SET STANDARD WATER  
CLOSET WITH SPRINKLER  
BIDET

2-10" EXHAUST FAN  
AND AIR DUCT VENT  
THRU CEILING TO  
ROOF EAVES

NEW CERAMIC ONE PIECE  
SET STANDARD  
URINAL WITH COMPLETE  
ACCESSORIES

RETAIN EXISTING  
WATER CLOSET

RETAIN EXISTING  
WINDOW

NEW CERAMIC PEDESTAL  
LAVATORY W/ 2 WAY ANGLE  
VALVE FOR SPRINKLER  
BIDET

RE-POSITION EXISTING DOOR  
OPENING TO OUTSIDE PATH

	PROJECT TITLE	FIG 3 JAN2025	PREPARED BY	DATE	SUBMITTED BY	24 CO-APPROVED BY	APPROVED BY	SHEET NO
	SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING DISASTER NO. 354 AND CDD COMFORT ROOM REPAIRS		CAJ ARCHT CIVIL ELECTR PLUM PVP #	ADJ APR				A 14 SET NO 14 18



# CDD BUILDING

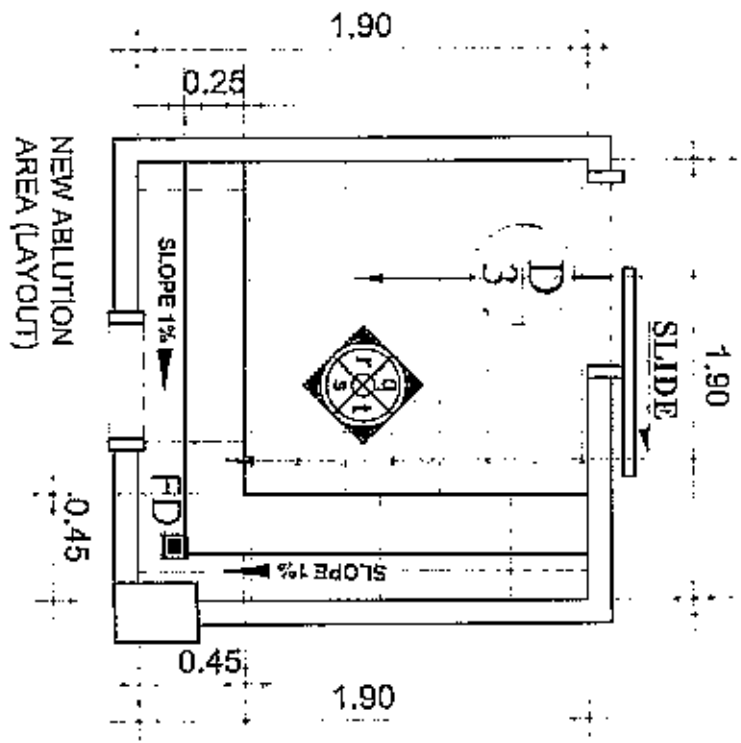
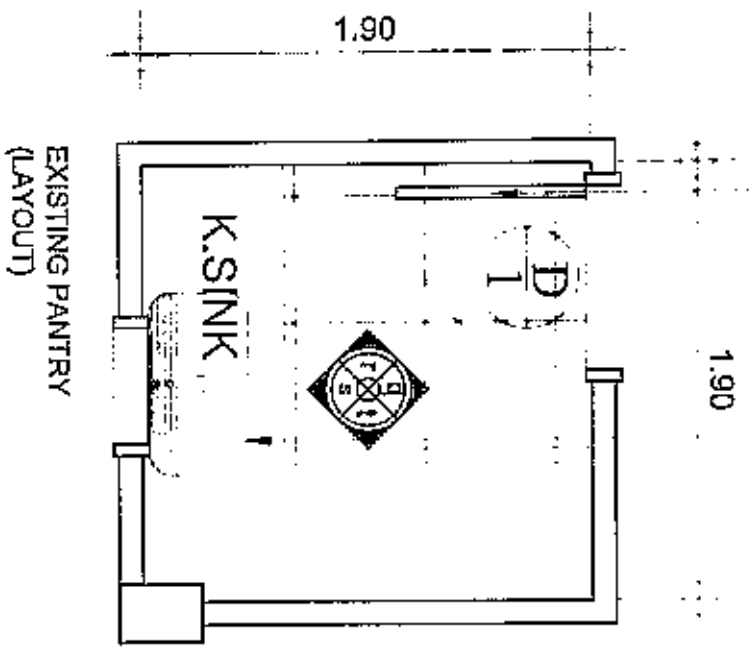
NOTE: ALL DIMENSIONS ARE IN METER  
UNLESS OTHERWISE SPECIFIED

REMOVE EXISTING DOOR  
AND REPLACE WITH SLIDING  
GLASS DOOR

REMOVE & DEMOLISH:  
EXISTING COUNTER TOPS  
AND CABINET

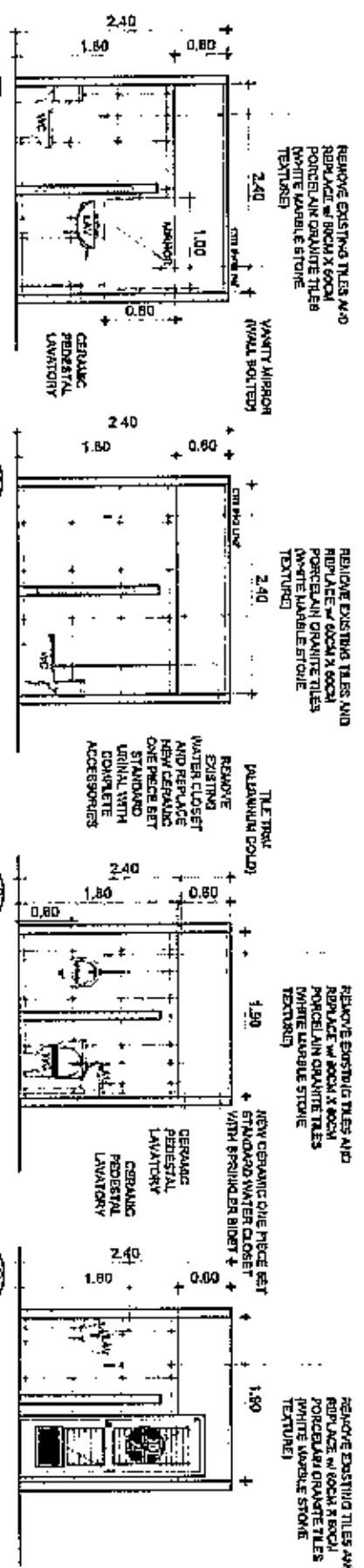
20 X 100CM NON-SKID  
WOOD PLANK CERAMIC  
TILES (OAKWOOD COLOR  
TEXTURE)

100MM X 250MM CONCRETE  
FOOTREST W/ 60CM X 60CM  
PORCELAIN GRANITE TILES  
(WHITE MARBLE STONE  
TEXTURE)



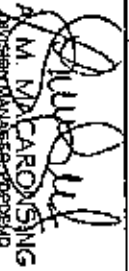




	PROJECT TIME	FIG.3	JAN2023	PREPARED BY	CHK'ED	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET NO
	SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTER NO. 35A AND CDD COACHING ROOM REPAIRS			CAD ARCHT. CIVIL MECH ELEC PLUM	ARCHT. MECH			M. MACROBONG PROJECT MANAGER	ATTY G. S. ALONSO DEPT. CHIEF	L. J. CABALLINA VICE RESIDENT MANAGER

**NOTE: ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE SPECIFIED**



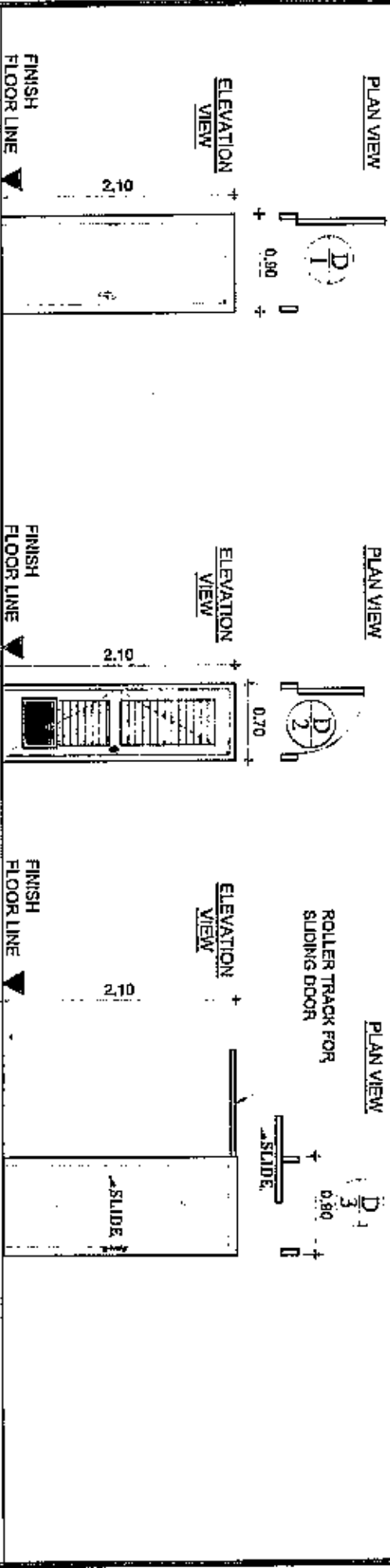
NOTE: ALUMINUM STEEL PANEL DOORS AND ALL PLUMBING FIXTURES, WATER CLOSETS & PEDESTAL SINKS, KITCHEN SINKS & FAUCETS

 CDD	<b>PROJECT TITLE</b>	<b>DATE</b>	<b>CHECKED</b>	<b>SUBMITTED BY</b>	<b>RECOMMENDED BY</b>	<b>APPROVED BY</b>	<b>SHEET NO.</b>
	SUPPLY OF LABOR MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSING QUARTERS NO. 35A AND CDD DOMESTIC ROOM REPAIRS	16.3 JAN 2023	A.M. V. CAROLING				



# CDD BUILDING

NOTE: ALL DIMENSIONS ARE IN METER  
UNLESS OTHERWISE SPECIFIED



**1 SET**

**MATERIALS:** SINGLE SOLID HARDWOOD SWING DOOR W/ COMPLETE ACCESSORIES

**LOCATION:** SERVICE EXIT

**2 SETS**

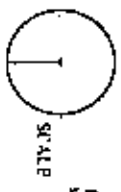
**MATERIALS:** HEAVY DUTY UPVC DOOR W/ COMPLETE ACCESSORIES (White Color)

**LOCATION:** COMFORT ROOM B1, M&E CR 02

**1 SET**

**MATERIALS:** SINGLE SLIDING DOOR W/ COMPLETE ACCESSORIES

**LOCATION:** ABLUTION AREA



## SCHEDULES OF DOORS

1:70 M

	PROJECT TITLE	PREPARED BY	CHECKED	DATE	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET NO
	P163 - JAN2023 SUPPLY OF LAMER MATERIALS & EQUIPMENT FOR THE REPAIR OF HOUSES QUARTER NO. 15A AND CDD COMMON ROOM STAIRS	CAN ARCH-CIVIL MICON TRUST ARCHITECT	ADRIAN ANI			 M. M. MACARODISING MANAGER-PROJECT	 ATTY. G. S. ... DEPARTMENT MANAGER, CDD	 LT. SABINA ... VICE PRESIDENT (ASST)



Date: 01/09/24

## Pre-Inspection/Field Investigation Report

Name of Project: SUPPLY OF LABOR, MATERIALS & EQUIPMENT FOR THE

REPAIR OF HOUSING QUARTER 35-A AND CDD COMFORT ROOMS  
(CLIMACAVOMBA)

Location: CDD BLDG. & NPC COMPOUND, F.C.

Budget Allocation: ₱500,000.00  
(Approved PPMP)

Present Condition: CDD COMFORT ROOMS

- OLD TILES (REPLACE)
- OLD PANTRY 2 → CONVERT TO ABUTON AREA
- REPLACE SOME EXISTING PLUMBING FIXTURES
- OLD DOORS

### Proposed Project/Improvement:

- NEW TILES
- NEW ABUTION AREA
- NEW (2) EXHAUSTING FAN
- INSTALL NEW WATER CLOSETS, LAVATORY  
AND FAUCETS
- REPLACE NEW DOORS

Note: Preparation of TOR will take effect after the day of the Field Investigation and has a duration of 60 working days as per work plan or can be adjusted upon agreed timeline of the End-User.

Requested By:

JAMEL AH M. ABDULSAFOR  
(Name, Position & Signature)

Inspectorate Team:

Wilber P. Lawas  
Principal Architect A

(Name, Position & Signature)

(Name, Position & Signature)