



NE-II-A1-2026-44
**2026 CONSTRUCTION OF COOP
CANTEEN**



NEECO II - AREA 1

NUEVA ECija II ELECTRIC COOPERATIVE, INC. - AREA 1

Calipahan, Talavera, Nueva Ecija

www.neeco2areal.com

neeco2areal@yahoo.com.ph

(044) 411-1007 loc. 117

The Bids and Awards Committee (BAC) hereby invites eligible bidders to participate to the foregoing procurement activities based on Board Resolution No.12-09-25, Series of 2025 and approved Annual Procurement Plan.

NEECO II-AREA 1'S INVITATION TO BID

ITB NO.	PROCUREMENT ACTIVITY	ABC (VAT Inclusive) (Php)	NON- REFUNDABLE BID DOCS	VIRTUAL (VIA ZOOM) PRE-BID CONFERENCE	DEADLINE FOR BID SUBMISSION AND BID OPENING (IN- PERSON BID OPENING)	COMPLETION/ DELIVERY SCHEDULE
NE-II-A1-2026-44	Construction of Coop Canteen	SOURCE OF FUND: RFSC/General Fund 4,000,000.00	5,000.00	September 15, 2026 2:00 PM	VENUE: NEECO II- AREA 1 MAIN OFFICE September 29, 2026 2:00 PM	4 th Quarter of 2026 to 1 st Quarter of 2027

Participating bidders must be accredited by this Cooperative and passed the Eligibility Requirements as provided in the Bidding Documents which shall be posted on September 7, 2026 in the Coop's Official Website. **Online Accreditation for the aforementioned bidding shall be until September 25, 2026.** A non-refundable **Php5,000.00** shall be paid as Accreditation fee which shall be valid for a period of one (1) year. Link for accreditation is available upon request to this email: bac_neeco2areal@yahoo.com.ph Interested bidders shall also submit Letter of Intent (LOI) and personally pay bid docs fee for the lot they will be participating. Only bidders who submitted LOI shall receive the link for the pre-bid conference. Bidding document is available in electronic copy and posted in Coop's official website: www.neeco2areal.com to be downloaded by the bidders.

Sealed proposals shall be submitted in three (3) sealed envelopes clearly marking as "Original Bid", "Copy of Bid" and "Electronic/Soft Copy" with the name of the project to be bidded and the name of the bidder in capital letter addressed and/or submitted to the BAC Chairman during the Bid Opening at which time and place will be opened and read in the presence of Bidders or their representative. Bid proposals must include terms of payment, bid validity and delivery/construction schedule and warranty (preferably atleast 2 years). The submitted proposals of each bidder shall be examined and checked to ascertain they are present using a non-discretionary "pass/fail" criterion. Bids that fail to include any requirement or are incomplete or insufficient shall be considered "failed". Further, **a two percent (2%) of ABC bidder's bond preferably in the form of Manager's check is mandatory**, which is to be returned immediately after the bid awarding.

NEECO II – Area 1 reserves the right to reject any or all bids, to waive any formality or technicality therein, to accept the bid that is deemed most advantageous and to annul the bidding process without incurring any liability to any bidder or party. Finally, NEECO II – Area 1 assumes no obligation to compensate any bidder or party for any loss or expense incurred in the preparation of the bid or participation in the bidding process. For further inquiries, you may call (044)-411-1007 local 110 and/or email at bac_neeco2areal@yahoo.com.ph and/or text message 0975-0974-122 and look for Ms. Set Pauline Feliciano-Sarmiento.

(sgd) **Engr. Jeffrey C. Cudapas, MEng**
BAC Chairman



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GENERAL OVERVIEW

This tender document is developed for the 2026 Construction of Coop Canteen. It is financed by the Approved Cash Operating Budget (COB) RFSC/General Fund and made available to Nueva Ecija II Electric Cooperative, Inc.-Area 1 (NEECO II AREA-1). This ITB consists of:

- the invitation to bid;
- the necessary instruction to bidders;
- the general and special conditions of the policy/contract;
- the bid forms and pro-forma contract;
- the Terms of Reference

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CHECKLIST OF ELIGIBILITY REQUIREMENTS

LEGAL DOCUMENTS: FOLDER 1 (ENVELOPE 1)

- 1) DTI Business Name Registration/SEC Registration Certificate, whichever is appropriate under laws of the Philippines
- 2) Valid and Current Mayor's Permit/Municipal License (Principal Place of Business)
- 3) BIR Value Added Tax Registration (BIR FORM 2303 Certificate of Registration)
- 4) Omnibus Sworn Statement Affidavit
- 5) Compliance with E.O. # 398
 - a. Proof of VAT Remittances for the last 6 months or the last 2 quarters
 - b. Tax Clearance from the BIR to Prove Bidder's Full and Timely Payment of Taxes to the Government
 - c. A Certification under Oath from the Bidders Responsible Officers that the Bidder is Free and Clear of All Liabilities with the Government

TECHNICAL DOCUMENTS: FOLDER 2 (ENVELOPE 1)

- 1) Statement in Matrix Form all ongoing and completed government and private contracts (service contracts, maintenance contracts, purchase orders, job orders, etc.) within the relevant period, where applicable, including contracts awarded but not yet started, if any. The Statement shall state whether each contract is:
 - a. Ongoing, Completed or Awarded but not yet started; within the relevant period, where applicable. Each Contract should include the following:
 - i. The name of the Contract;
 - ii. Date of the Contract
 - iii. Amount of the Contract and Value of Outstanding Contracts;
 - iv. Date of Delivery
 - v. End-user's Acceptance, if completed
 - b. Statement identifying the bidder's single largest completed contract to be bid for the last five (5) years as provided in the bidding documents. Should be equivalent to 25% of the ABC.
- 2) PCAB License (Philippine Contractor's Accreditation Board)

FINANCIAL DOCUMENTS: FOLDER 3 (ENVELOPE 1)

- 1) Complete set of Audited Financial Statements, stamped "received" or email confirmation by the BIR for the preceding calendar year, which should not be earlier than 2 years from the date of bid submission.

Complete set of Financial Statement includes the following:

1. Balance Sheet
2. Income Sheet
3. Statement of Changes in Equity
4. Cash Flow Statement



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5. Notes to Financial Statement
 6. Statement of Management Responsibility for Financial Statement
- 2) The prospective Bidder's computation for its Net Financial Contracting Capacity (NFCC) should be equal or more than the ABC or a commitment from a universal or commercial bank to extend to it a credit line if awarded the contract to be bid, in an amount not lower than the amount set by the procuring entity, which shall be at least equal to 10% of the ABC to be bid.

CLASS "B" DOCUMENTS: FOLDER 4 (ENVELOPE 1)

- 1) Valid Joint venture Agreement, in case of joint venture. Each Member of the joint venture shall submit the required eligibility documents

BIDDER'S CHECKLIST: FOLDER 5 (ENVELOPE 1)

- 1) Certificate of Good Standing of the bidder issued by the bidder's previous clients (atleast 3 previous clients)
- 2) Letter of Authorization from the manufacturer to the Bidder/Trader to offer their material or equipment
- 3) Letter of Authorization from the Local Agent to the Bidder
- 4) Contracts/Memorandum of Agreement of the Bidder with their Manufacturer
- 5) Manufacturer and catalogue number of each offered item indicated
- 6) All additional data to be furnished by the bidder as per technical specifications
- 7) All deviations from the Specifications listed separately in the Form Deviation
- 8) All substitutions, if any, offered as an alternative Bid, clearly marked as such

BID PROPOSALS (ENVELOPE 2)

TECHNICAL PROPOSAL (FOLDER 1)

- 1) Bid Security as to form, amount and validity period
- 2) Authority of the Signatory/Power of Attorney
- 3) Confirming Statement of Delivery Schedule
- 4) Gantt Chart/Program of Works
- 5) Confirming Statement on Warranty Being Offered
- 6) Details of Technical Specification
- 7) Bidders' list of manpower to be assigned to the contract which includes number of workers and their names
- 8) Profiles of Key Personnel such as but not limited to Project Manager, Project Engineer, Material Engineer, Safety Officers and Foreman to be assigned to the project which includes their Name, Licenses, Education and Experiences

FINANCIAL PROPOSAL (FOLDER 2)

- 1) Bid Prices in the prescribed bid form
- All pages and all changes initialled.
 - Original and a Copy of all documents.

In the absence of any of the above requirements, the bidder's offer is considered to be non-responsive with major deviation from the bidding documents.



SECTION II. INSTRUCTION TO BIDDERS

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1. SOURCE OF FUNDS

1.1 The Nueva Ecija II Electric Cooperative, Inc.- Area 1 (NEECO II-Area 1) funded through its Cash Operating Budget, this bidding which is made available through Board Resolution No. 12-09-25, Series of 2025.

1.2 NEECO II-Area 1 requires that bidders and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy;

- will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- will recognize a contractor as ineligible, for a period determined by the NEECO II Area 1, to be awarded a contract if it at any time determines that the contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract.

2. SCOPE OF BID

2.1 The Nueva Ecija II Electric Cooperative, Inc.- Area 1 (hereinafter referred to as "**the Procuring Entity**") wishes to receive Bids for the supply and delivery of goods, labor and materials, services and equipment hereof (hereinafter referred to as "**Goods**").

2.2 All Bids are to be completed and returned to the Procuring Entity in accordance with these Instructions to Bidders.

3. ELIGIBLE BIDDERS

3.1 The Invitation to Bid is open to all accredited suppliers/contractors from eligible bidders and from eligible source countries meeting both of the following requirements:

- a bidder (including all members of a joint venture) shall be from an eligible source of country; and
- a bidder (including all members of a joint venture) shall not be one of the followings:
 - a firm or an organization which has been engaged by the Procuring Entity to provide consulting services for the preparation related to procurement for or implementation of this project;
 - any associates/affiliates (inclusive of parent firms) of a firm or an organization mentioned in sub-paragraph (i) above;
 - a firm or an organization who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

4. ELIGIBLE GOODS

4.1 Any contract under which Goods are procured from countries other than the eligible source countries as required for the implementation of the project will be eligible if the combined costs of such Goods are less than fifty (50) percent of the price of the said contract.

4.2 At the Procuring Entity's request, bidders may be required to provide evidence documents of the origin of the goods.

5. QUALIFICATION OF BIDDER

5.1 Qualification of the Bidder:

To be qualified for award of Contract, bidders shall:

- submit a written power of attorney authorizing the signatory of the bid to commit the bidder; and
- submit documentary evidence establishing that bidder has adequate experience, financial capacity, and technical capability to undertake the Contract.

5.2 Bids submitted by a joint venture of two or more firms as partners shall comply with the following requirements.

- the bid, and in case of a successful bid, the form of Agreement, shall be signed so as to be legally binding on all partners;
- one of the partners shall be authorized to be in charge; and this authorization shall evidence by submitting a power of attorney signed by legally authorized signatories of all the partners;
- the partner in charge shall be authorized to incur liabilities, receive payments and receive

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- d. instructions For and In Behalf of any or all partners of the joint venture;
all partners of the joint venture shall be jointly and severally liable for the execution of the contract in accordance with the contract terms, and a relevant statement to this effect shall be included in the authorization mentioned under (b) above as well as in the Bid Form and the Form of Agreement (in case of a successful bid); and
 - e. a copy of the agreement entered into by the joint venture partners shall be submitted with the bid.
- 6. ONE BID PER BIDDER**
- 6.1 Each bidder shall submit only one bid either by itself, or as partner in a joint venture.
- 7. COST OF BIDDING**
- 7.1 The bidder shall bear all costs associated with the preparation and delivery of its Bid, and the Procuring Entity will in no case be responsible or liable for those costs.
- 8. ASSURANCE**
- 8.1 The successful bidder will be required to give satisfactory assurance of its ability and intention to deliver the Goods, pursuant to the Contract, within the time set forth therein.
- 9. CONTENTS OF BIDDING DOCUMENTS**
- 9.1 The bidding documents are those stated below, and should be read in conjunction with any Addenda issued in accordance with Clause 11.
- Section I: Invitation to Bid
 - Section II: Instructions to Bidders;
 - Section III: General Conditions of Contract;
 - Section IV: Special Conditions of Contract;
 - Section V: General Technical Conditions;
 - Section VI: Sample Forms; and
 - a. Bid Form and Price Schedule
 - b. Bid Security Form
 - c. Contract Form
 - d. Performance Security Form
 - Section VII: Technical Specifications
- 9.2 The bidder is expected to examine the Bidding Documents, including all instructions, forms, terms and specifications. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents will result in the rejection of the Bid.
- 10. CLARIFICATION OF BIDDING DOCUMENTS**
- 10.1 Prospective Bidders requiring any further information or clarification of the Bidding Documents may notify the Procuring Entity in writing or by fax at the Procuring Entity's mailing address indicated in the Invitation for Bids. The Procuring Entity will respond in writing to any request for information or clarification of the Bidding Documents, which it receives not later than three (3) days prior to the deadline for submission of Bids prescribed by the Procuring Entity. The Procuring Entity's response will be sent in writing or by fax to all prospective bidders who have received the bidding documents.
- 11. AMENDMENT OF BIDDING DOCUMENTS**
- 11.1 At any time prior to the deadline for submission of Bids, the Procuring Entity may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by issuing an addendum.
- 11.2 The addendum shall be a part of the Bidding Documents, pursuant to Clause 9.1 and shall be communicated in writing or by fax to all prospective bidders who have received the Bidding Documents, and will be binding on them.
- 11.3 In order to afford prospective Bidders reasonable time in which to take the addendum into account in preparing their bids, the Procuring Entity may, at its discretion, extend the deadline for the submission of Bids in accordance with Clause 24.

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12. LANGUAGE OF BID

- 12.1 The Bid prepared by the bidder and all correspondence and documents relating to the Bid exchanged between the bidder and the Procuring Entity, shall be written in English Language.

13. DOCUMENTS COMPRISING THE BIDS

- 13.1 The Bid prepared by the bidder shall comprise the following components:
- The bidder shall complete an original and a copy of the Bid Form and the appropriate Price Schedules furnished in the Bidding Documents, in accordance with Clauses 14 and 15;
 - documentary evidence establishing, in accordance with Clause 16, that the bidder is eligible to bid and that the Goods to be supplied by the bidder are eligible Goods;
 - documentary evidence establishing in accordance with Clause 17, that the bidder is qualified to perform the Contract if its Bids is accepted;
 - documentary evidence establishing, in accordance with Clause 18, that the Goods to be supplied by the bidder conform to the Bidding Documents;
 - bid security furnished in accordance with Clause 19; and
 - power of attorney.

14. BID PRICES

- 14.1 The bidder shall complete the appropriate Price Schedules included herein, stating the unit prices, total price per item, the total amount and the expected countries of origin of Goods to be supplied under the Contract.

- 14.2 (Alternative 1:) All Goods are grouped in Bid Packages. See list of Bid packages in Section VI, Specifications. Bid Packages shall not be divided into sub-packages for the purpose of bidding. Bidders are required to bid for the whole package only, otherwise the bid proposal will be considered non-responsive.

-OR-

- (Alternative 2 :) The Goods are grouped in a single bid package and the bid package shall not be divided into sub-packages for the purpose of bidding. Bidders are required to bid for the whole package only, otherwise the bid proposal will be considered non-responsive.

- 14.3 Prices quoted in the Price Schedules should be entered separately in the following manner.
- For Goods to be offered from within the Procuring Entity 's country:
 - the price of the Goods, quoted ex-factory, ex-warehouse or of-the shelf, as applicable, including all customs duties and sales and other taxes already paid or payable.
 - the price of inland transportation, insurance and other local incidental for the delivery of the Goods to their final destination.
 - For Goods to be offered from outside the Procuring Entity's country:
 - the price of the Goods, quoted CIF port of entry in the Procuring Entity 's country;
 - the price of inland transportation, insurance and other local costs incidental to delivery of the Goods from the port of entry to their final destination
 - the CIF price or, when the freight and insurance are itemized separately, the FOB price shall be indicated separately, the FOB price shall be indicated separately from any applicable import duties and taxes.
 - if the Goods, or portion of the Goods, are exempt from taxes of duties, this should be indicated below by the bidder

- 14.4 Prices quoted by the bidder shall remain fixed and valid until completion of the Contract performance and will not be subject to variation on any account except as provided for in Clause 3.2 and 15.1 of the General Conditions of Contract, or if applicable, adjustment authorized in accordance with the price adjustment provisions specified in Clause 11 of the Special Conditions of Contract.

15. CURRENCIES OF BID AND PAYMENT

- 15.1 The unit rates and the prices shall be quoted by the bidder separately in;
- US Dollar for those inputs to the Works which the bidder expects to supply from outside the Procuring Entity 's country (referred to as "the foreign currency requirements"); and
 - Philippine Peso for those inputs to the Works which the bidder expects to supply from

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- within the Philippines.
- 15.2 Payment of the contract price shall be made in the currency or currencies in which the bid price is expressed in the bid of the successful bidder.
- 15.3 The rates of exchange to be used by the bidder for currency conversion during bid preparation shall be the selling rates for similar transactions prevailing on the twenty eight (28) days prior to the date of bid opening, as published by Bangko Sentral ng Pilipinas.
- 15.4 All progress payment shall be subject to ten percent (10%) deduction for retention money.
- 16. DOCUMENTS ESTABLISHING ELIGIBILITY OF THE BIDDER AND THE GOODS**
- 16.1 The bidder shall furnish, as part of its Bid, certification establishing both the bidder's eligibility to bid and that the origin of the Goods is an eligible source country, pursuant to Clause 3 and 4.
- 17. DOCUMENTS ESTABLISHING BIDDER'S QUALIFICATIONS TO PERFORM THE CONTRACT**
- 17.1 The documentary evidence of the bidder's qualifications to perform the Contract, if its Bid is accepted, shall establish to the Procuring Entity's satisfaction prior to award of Contract:
- (a) that, in the case of a bidder offering to supply Goods under the Contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized by the Goods' manufacturer or producer to supply the Goods to or in the Procuring Entity's country;
 - (b) that the bidder has the financial, technical and production capability necessary to perform the Contract;
 - (c) that, in the case of a bidder not doing business within the Procuring Entity's country, the bidder is, or will be (if the Contract is awarded to it), represented by an agent in that country equipped and able to carry out the maintenance, repair and spare parts stocking obligations prescribed by the Contract.
- 18. DOCUMENTS ESTABLISHING THE GOODS' CONFORMITY TO THE BIDDING DOCUMENTS**
- 18.1 The documentary evidence of the Good's conformity to the Bidding Documents maybe in the form of literature drawing and data, and shall furnish:
- a. a detailed description of the Goods' essential technical and performance characteristics;
 - b. a list, giving full particulars, including available sources and current prices, of all spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods for a period of two (2) years; and
 - c. a clause-by-clause commentary on the specifications, demonstrating the Goods' responsiveness to those Specifications or a statement of deviations and exceptions of the provisions of the Specifications.
- 18.2 For purpose of the commentary to be furnished pursuant to sub-clause (c) above, the bidder shall note that standards for workmanship, material, and equipment, and references to brand names or catalogue numbers, designated by the Procuring Entity in the Specifications, are intended to be descriptive only and not restrictive. Equipment or materials meeting the internationally accepted standards which ensure quality to or higher than the standards specified will also be accepted. The bidder may substitute other acceptable standards, brand names and/or catalogue numbers in its Bid, provided that it demonstrates to the Procuring Entity's satisfaction that the substitution are equivalent or superior to those designated in the Specifications.
- Brand names shall be specified only when specific spare parts are required or standardization is necessary.
- 18.2 The Bidders shall furnish evidence that the Goods offered are of acceptable quality and standards including but not limited to the number of years in production industry, and the number of units of similar capacity that have been produced and sold in which operations satisfied the end users for years.
- 19. BID SECURITY**
- 19.1 The bidder shall furnish, as part of its bid, a bid security equivalent to **two percent (2%) of the**



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- Total ABC** or an equivalent amount in freely convertible currency.
- 19.2 The bid security is **preferably in the form of a Manager's Check.**
- 19.3 **Any bid not accompanied by an acceptable bid security shall be rejected outright by the Procuring Entity and will be declared as non-responsive.**
- 19.4 The bid securities of unsuccessful bidders will be returned as promptly as possible, after the bid awarding and winning bidders' posting of performance security bond and expiration of the period of bid validity.
- 19.5 The bid security of the successful bidder will be returned when the bidder has signed the Agreement and furnished the required performance security.
- 19.6 The bid security maybe forfeited;
- if the bidder withdraws its bid during the period of bid validity; or
 - if the bidder does not accept the correction of its bid price, pursuant to Sub-Clause 29.2; or
 - in the case of a successful bidder, if it fails within the specified time limit to:
 - sign the Agreement, or
 - furnish the required performance security.
- 20. PERIOD OF VALIDITY OF BIDS**
- 20.1 Bids shall remain valid for ninety (90) days after the date of bid closing prescribed by the Procuring Entity, pursuant to Clause 24.
- 20.2 Notwithstanding Clause 20.1 above, the Procuring Entity may solicit bidder's consent to an extension of the period of bid validity. The request and the responses thereto shall be made in writing or by fax. If the bidders agree to the extension request, the validity of the bid security provided under Clause 19 shall also be suitably extended. A bidder may refuse the request without forfeiting its bid security. A bidder granting the request will not be required or permitted to modify its Bid.
- 21. ALTERNATIVE BIDS**
- 21.1 Bidders shall submit Bids, which comply with the Bidding Documents. Alternative Bids will not be considered. The attention of bidders is drawn to the provisions of Clause 30.4 regarding the rejection of Bids, which are not substantially responsive to the requirement of the Bidding Documents.
- 22. FORMAT AND SIGNING OF BIDS**
- 22.1 The original Bid Form and accompanying documents (as specified in Clause 13), clearly marked "Original Bid", plus three (3) copies must be received by the Procuring Entity at the date, time, and place specified pursuant to Clause 23 and 24. In the event of any discrepancy between the original and the copies, the original shall govern.
- 22.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to sign on behalf of the bidder. Written power-of-attorney accompanying the Bid shall indicate such authorization. All pages of the Bid, except for un-amended printed literature, shall be initialled by the person or persons signing the Bid. The name and position held by each person signing must be typed or printed below the signature.
- 22.3 The Bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialled by the person or persons signing the Bid.
- 23. SEALING AND MARKING OF BIDS**
- 23.1 The bidder shall seal the original and each copy of the Bid in an inner and an outer envelope duly marking the envelopes as "original" and "copy".
- 23.2 The inner and outer envelopes shall:
- be addressed to the Procuring Entity at the following address

ENGR. JEFFREY C. CUDAPAS, MEM
BAC Chairperson
Nueva Ecija II Electric Cooperative, Inc.- Area 1



Calipahan, Talavera, Nueva Ecija; and

b. bear the words **"INVITATION TO BID No. NE II-A1-2026- (Bidding Title/Procurement Activity)"** and the words **"DO NOT OPEN BEFORE 2:00 p.m. of September 29, 2026"**.

23.3 In addition to the information required in sub-clauses (a) and (b) above, the inner envelope shall indicate the name and address of the bidder to enable the Bid to be returned unopened in case it is declared "Late" pursuant to Clause 25.

24. DEADLINE FOR SUBMISSIONS OF BIDS

- 24.1 The original Bid, together with the required copies, must be received by the Procuring Entity at the address specified in Clause 23.2 not later than **2:00 p.m. of September 29, 2026**.
- 24.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Documents in accordance with Clause 11, in which case all rights and obligations of the Procuring Entity and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

25. LATE BIDS

- 25.1 Any Bid received by the Procuring Entity after the deadline for submission of Bids prescribed by the Procuring Entity, pursuant to Clause 24 will be declared "Late" and rejected and returned unopened to the bidder.

26. MODIFICATION AND WITHDRAWAL OF BIDS

- 26.1 The bidder may modify or withdraw its Bid after the Bid's submission; provided that written notice of the modification or withdrawal is received by the Procuring Entity prior to the deadline prescribed for submission of Bids.
- 26.2 The bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with provisions of Clause 23, with the outer and inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL", as appropriate. A withdrawal notice may also be sent by email but must be followed by a signed confirmation copy.
- 26.3 No Bid may be modified subsequent to the deadline for submission of Bids.
- 26.4 No Bid may be withdrawn in the interval between the deadline for submission of Bids and the expiration of the period of bid validity specified by the bidder on the Bid Form.

27. OPENING OF BIDS BY PROCURING ENTITY

- 27.1 The Procuring Entity will open the Bids, the technical proposal first, in the presence of bidders' representatives on **2:00 p.m. of September 29, 2026**. The bidders' representatives who are present shall sign their complete name and company address evidencing their attendance. The technical proposal will then be evaluated as per Clause 30.
- 27.2 Bidders found eligible technically will be informed subsequently and asked to be present during the opening of their financial proposals.
- 27.3 The bidders' names, bid prices, all discounts offered, modifications and bid withdrawals, and the presence or absence of the requisite bid security, and such other details as the Procuring Entity, at its discretion, may consider appropriate will be announced and recorded at the opening. Any bid price or discount, which is not read out and recorded at bid opening, will not be taken into account in bid evaluation. The bidder's representatives will be required to sign the record.
- 27.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in the forfeiture of the bid security pursuant to Clause 17.

28. PROCESS TO BE CONFIDENTIAL

- 28.1 Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process. Any efforts by a bidder to influence the Procuring Entity's processing of Bids or award decisions may result in the rejection of the bidder's Bid. The request for clarification and the response shall be in writing or by fax, but no change in the



price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Procuring Entity in the evaluation of the bids in accordance with sub-clauses 30.5/30.6.

29. CLARIFICATIONS OF BIDS

- 29.1 To assist in the examination, evaluation, and comparison of Bids, the Procuring Entity may, at its discretion, ask the bidder for a clarification of its Bid. All responses to request for clarification shall be in writing, and no change in the price or substance of the Bid shall be sought, offered or permitted.

30. PRELIMINARY EXAMINATION OF BIDS

Technical Evaluation:

- 30.1 The Procuring Entity will examine the bids to determine whether they are complete, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 30.2 Prior to the detailed evaluation, pursuant to Clause 32, the Procuring Entity will determine the substantial responsiveness of each Bid to the Bidding Documents including acceptable quality of the Goods offered, pursuant to Clause 18. A substantially responsive Bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviation.
- 30.3 A Bid determined as not substantially responsive will be rejected by the Procuring Entity and may not subsequently be made responsive by the bidder by correction of the non-conformity.

Financial Evaluation:

- 30.4 Check the bidder's compliance to the financial documents required by the Procuring Entity
- 30.5 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and total price per item that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price per item will be corrected. If there is a discrepancy between the Total Amount and the sum of the total price per item, the sum of the total price per item shall prevail and the Total Amount will be corrected.
- 30.6 The amount stated in the Form of Bid will be adjusted by the Procuring Entity in accordance with the above procedure for the correction of errors and, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, its bid will be rejected, and the bid security may be forfeited in accordance with Sub-Clause 19.6

31. CONVERSION TO SINGLE CURRENCY

- 31.1 The procuring entity will convert the amounts in various currencies in which the Bid Price is payable to Philippine Peso at the selling exchange rates officially prescribed for similar transactions as established by Bangko Sentral ng Pilipinas on the date of bid opening.

32. EVALUATION AND COMPARISON OF BIDS

- 32.1 The Procuring Entity will evaluate and compare the bids previously determined to be substantially responsive, pursuant to Clause 30.
- 32.2 The Procuring Entity's evaluation of a Bid will exclude and not take into account:
- (a) in the case of goods partially or wholly manufactured within the Procuring Entity's country or Goods of foreign origin already located in the Procuring Entity's country, sales and other similar taxes which may be levied on the finished Goods if the Contract is awarded to the bidder;
 - (b) in the case of goods to be offered from outside the Procuring Entity's country, customs duties and other similar import duties and taxes which be levied on the Goods if the Contract is awarded to the bidder; and
 - (c) any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
- 32.3 The comparison shall be of:
- (a) the ex-factory/ex-warehouse/off-the-shell price of the Goods to be offered from within the Procuring Entity's country (such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the Goods); and
 - (b) the CIF port-of-entry price of the Goods to be offered from outside the Procuring Entity's

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- country.
- 32.4 The evaluation of bids shall take into account the price and other commercial features of the offer. In addition, it may also take into account other criteria, such as those in the sample listed below.
- * Contractual and Commercial Deviations
 - * Delivery Schedule
 - * Operating Costs
 - * Functional Guarantee of the Goods
 - * Local Handling and Transportation
33. **CONTACTING THE PROCURING ENTITY**
- 33.1 Subject to Clause 29, no bidder shall contact the Procuring Entity on any matter relating to its Bid, from the time of bid opening to the time the contract is awarded unless initiated by the Procuring Entity.
- 33.2 Any effort by a bidder to influence the Procuring Entity in its decision in respect of bid evaluation, bid comparison or Contract award will result in the rejection of the Bidder's Bid.
34. **PROCURING ENTITY'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**
- 34.1 **The Procuring Entity reserves the right to accept or reject any Bid and to annul the bidding process and reject all Bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidders of the grounds for the Procuring Entity's action.**
35. **POST QUALIFICATION AND AWARD**
- 35.1 The Procuring Entity will determine to its satisfaction whether the Bidder selected as having submitted the lowest-evaluated, responsive bid is qualified to satisfactorily perform the Contract.
- 35.2 The determination will take into account the bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the bidder's qualification submitted by the bidder, pursuant to Clause 17, as well as such other information as the Procuring Entity deems necessary and appropriate.
- 35.3 An affirmative determination will be pre-requisite for award of the Contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.
- 35.4 The Procuring entity will award the Contract to the successful bidder whose Bid has been determined the lowest calculated responsive Bid, provided further that the bidder is determined to be qualified to satisfactorily perform the Contract.
36. **NOTIFICATION OF AWARD**
- 36.1 The Procuring Entity will notify the successful bidder in writing by registered letter, or by fax or email to be confirmed in writing by registered letter or by fax or email, that its Bid has been accepted and on which basis the Bid has been accepted.
- 36.2 The notification of award will constitute the formation of a contract, until the Contract has taken effect pursuant to Clause 37.
37. **ISSUANCE OF NOTICE OF AWARD AND SIGNING OF CONTRACT**
- 37.1 At the time of notification of award, the Procuring Entity will send the successful bidder the Notice of Award.
- 37.2 Within five (5) working days of receipt of such Notice of Award the successful bidder shall affix its signature and date in the Notice of Award and return it to the Procuring Entity together with the corresponding Performance Security.
- 37.3 After signing of Notice of Award and posting of Performance Security of the successful bidder, the Procuring Entity will send the Contract Form provided in the Bidding Documents, incorporating all agreements between the parties.
- 37.4 Within five (5) working days of receipt of such Contract Form the successful bidder shall affix its signature and date in the Contract Form and return it to the Procuring Entity
- 37.5 Upon receipt of the signed Contract form, the Procuring Entity will issue Notice to Proceed to the successful bidder.



38. PERFORMANCE SECURITY

- 38.1 Within five (5) working days of the receipt of notification of award from the Procuring Entity, the successful bidder shall post the performance security, in Manager's Check form or cash, to be deposited to the Procuring Entity's bank account.
- 38.2 Failure of successful bidder to comply with the requirements of Clause 37 or 38 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.

ANNEX A: BID EVALUATION PROCEDURE

Step 1 - Submittal of Bid

If a submittal is late, it should not be opened, but should be returned to the Bidder unopened.

Step 2 – Technical Bid Evaluation

During the Bid opening, preliminary examination shall begin by determining that the general conditions of the Bidding Documents have been met in the bid. The following items should be checked to determine whether the Bid is responsive.

- Bid does not show evidence of tampering.
- Bid is from a Procuring Entity of the Bidding Documents.
- Bid Addendum received.
- Bid appears to be complete.
- Bid on all items per schedule.
- Bid contains Deviation Form duly filled in
- Bidder meets the required experience and number of sales
- Bidder is a registered company
- a. The Bidder and the manufacturer are both from eligible source countries as defined in list of eligible source countries.
- b. The Bid contains a manufacturer's name and catalogue number for each item in the completed bid schedule.
- c. The Bid contains authorization from the manufacturer to supply the goods to the Bidder for this procurement.
- d. The Bid contains a listing, for each item bid, showing the manufacturer's years of manufacture and the international sales for the required number of years. This is to include dollar volume, Procuring Entity, and names and telephone numbers for Procuring Entity contact person(s).
- e. The Bid contains the Technical Data Sheets with the Bidder's guaranteed data duly stamped and signed by the Bidder.
- f. The Bid contains supplementary technical information to determine if each item offered meets the Technical Specifications of the Bidding Documents.

In the absence of substantial compliance with all of the above items, the bids are incomplete, shall be declared non-responsive and has to be rejected.

Step 3 – Opening of the Financial Offer

During the opening of the financial proposal, the following information is to be read and recorded:

- Name of Bidder;
- Any discount offered;
- Name of Bank which issued the Bid Security;
- Bid security is present in the correct amount and acceptable form
- Validity of the Bid Security
- Validity of the Bid
- Bid security receipt is issued by the Bank
- Net financial contracting capacity is computed
- ITR of the bidder for the past three (3) years duly marked received by the BIR is submitted
- Financial Statements of the bidder for the past three (3) years is submitted
- a. The Bid contains price schedule(s) that have the unit price shown for each item in the completed bid schedule. The price schedule is to be checked for arithmetic errors in the extensions and the additions.
- b. Determine that the Bidder has filled out correctly the price schedule for what he is bidding.
- c. The price schedule be checked to determine that the correct quantities are shown.
- d. Calculate the amounts for the applicable penalties as provided in the Technical Specifications and

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add amounts to the Bid prices for evaluation purposes only.

e. After the special factor, additions and conversion of schedule total to Philippine Peso, determine which remaining bid, has the lowest price for this bid schedule.

f. Compare the price of the low bid, for this bid schedule.

Step 4 - Evaluation and Comparison of Bids

All bids for this schedule are then financially evaluated to determine whether the company has the financial capability to perform the contract. Bidders who are found to be financially not sound shall be rejected.

If any item in the low bid has only minor technical deviations from the specifications, this shall be clarified with the bidder.

If any item in the low bid does not meet the technical specifications, that bid is rejected. The evaluation process then continues to the next low bid for that schedule.

This procedure to continue until the low bid, meeting the technical specifications of this Bidding Documents for this schedule, is determined.

Step 5 - Ability to Perform and Recommend for Award

After the low bid meeting the technical specifications is determined, check on enough of his previous sales of similar materials to determine whether the Bidder has demonstrated that he is qualified to perform the Contract. If the low Bidder is found to have provided unsatisfactory materials of similar nature on other contracts, his bid is to be rejected. The evaluation process then continues to the next low bid for that schedule.

This procedure shall continue until the low Bidder qualified to perform the contract for this schedule is determined. The recommendations for the Award of Contract for this schedule to this lowest responsible and responsive Bidder is automatic.

Note:

"Low bid" is hereby defined as the Bid on a complete bid schedule that has the lowest total price after considering all factors and/or reference up to that point in the evaluation procedure.



SECTION III. GENERAL CONDITIONS OF CONTRACT

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1. DEFINITIONS

- 1.1 In this contract the following terms shall be interpreted as indicated:
- (a) "The Contract" means the agreement entered into between the Procuring Entity and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;
 - (c) "The Goods" means all of the equipment, machinery and/or other materials which the Supplier is required to supply to the Procuring Entity under the Contract;
 - (d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other such obligations of the Supplier covered under the Contract;
 - (e) "The Procuring Entity " means the Nueva Ecija II Area 1 Electric Coop., Inc.
 - (f) "The Supplier" means the individual or firm supplying the Goods/Services under this Contract;

2. APPLICATION

These General Conditions shall apply as part of the Contract which shall include the following documents and the priority of these documents shall be as follows:

- a) Contract Agreement
- b) Notification of Award
- c) Special Conditions of Contract
- d) General Conditions of the Contract
- e) Bidding Documents
- f) Forms and Schedules
- g) Supplier's Bid

3. COUNTRY OF ORIGIN

- 3.1 All Goods and Services supplied under the Contract shall have their origin from the eligible source countries, as defined in Section II, Clause 3.
- 3.2 For purposes of this Clause 3, "origin" means the place where the Goods were mined, grown or produced, or from which the services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembling of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.

4. STANDARDS

- 4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

5. USE OF CONTRACT DOCUMENTS AND INFORMATION

- 5.1 The Supplier shall not, without the Procuring Entity 's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Procuring Entity in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 5.2 The Supplier shall not, without the Procuring Entity 's prior written consent make use of any document or information enumerated in para. 5.1 except for purposes of performing the Contract.
- 5.3 Any document, other than the Contract itself, enumerated in para. 5.1 shall remain the property of Procuring Entity and shall be returned (in all copies) to the Procuring Entity on completion of the Supplier's performance under the Contract if so required by the Procuring Entity.

6. PATENT RIGHTS

- 6.1 The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in the Philippines.



7. PERFORMANCE SECURITY

- 7.1 Within five (5) working days after the Supplier's receipt of notification of award of the Contract, the Supplier shall furnish performance security to the Procuring Entity in the amount specified in the Special Conditions of Contract.
- 7.2 The proceeds of the Performance Security shall be payable to the Procuring Entity as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract. The performance security shall be to the account of the Supplier who signed the Contract. The performance security shall also guarantee the enforcement of the warranty provision in Clause 15 of this section.
- 7.3 The Performance Security, which should be callable on demand shall be denominated in the currency of the Contract and shall be in one of the following forms:
- (a) A bank guarantee or irrevocable Letter of Credit, issued by a bank in the Philippines or a bank abroad which has a jointly and severally liable correspondent bank in the Philippines, acceptable to the Procuring Entity, and in the form provided in the Bidding Documents or another form acceptable to the Procuring Entity. The Procuring Entity may request that said bank guarantee or irrevocable Letter of Credit be confirmed by a reputable bank acceptable to the EC.
- Or
- (b) A Manager's check, certified check, or cash.
- 7.4 The performance security will be discharged by the Procuring Entity and returned to the Supplier not later than sixty (60) days following the date of completion of the Supplier's performance obligations, including any warranty obligation, under the Contract.

8. INSPECTIONS AND TESTS

- 8.1 The Procuring Entity or its designated third party inspector shall, at all reasonable times, be allowed free and ready access to the Supplier's premises and those of his sub-contractors for the purpose of inspecting the specified goods and obtaining information as to the progress of the work.
- 8.2 The Procuring Entity or its designated third party inspector shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract. The Special Conditions of Contract and/or the Technical Specifications shall specify what inspections and tests the Procuring Entity requires and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing of the identity of any representatives retained for these purposes.
- 8.3 The inspections and tests may be conducted on the premises of the Supplier or its sub-contractor(s), at point of delivery and/or at the good's final destination. Where conducted on the premises of the Supplier or its sub-contractor(s), all reasonable facilities and assistance-including access, drawings and production data-shall be furnished two weeks before such tests take place to the inspectors at no charge to the Procuring Entity.
- 8.4 Should any inspected or tested Goods fail to conform to the Specification, the Procuring Entity may reject them, and the lot they represent, and the Supplier shall replace the rejected Goods within the life of the Contract or not later than ninety (90) days from receipt of notice of rejection, whichever comes first, or all alterations necessary to meet specification requirements free of cost to the Procuring Entity;
- 8.5 The Procuring Entity 's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Philippines shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Procuring Entity or its representative prior to the Goods shipment from the country of origin.
- 8.6 Test Certificates for all Goods shall be prepared by the Supplier, signed by both the Supplier and the Procuring Entity or third party inspectors. Also in case of no attendance of the tests by the Procuring Entity or third party inspector, test certificates signed by the Supplier are to be submitted to the Procuring Entity.
- 8.7 Nothing in Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. PACKING AND MARKING

- 9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Special Conditions of Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking and documentation within and outside the package shall comply strictly

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- with such special requirements as shall be expressly provided for in the Contract and, subject to Clause 18, in any subsequent instructions ordered by the Procuring Entity.
- 9.3 Proposal for packing and marking should be approved by the Procuring Entity.

10. DELIVERY AND DOCUMENTS

- 10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified by the Procuring Entity in its Schedule of Requirements and Special Conditions of Contract.
- 10.2 For purposes of the Contract, "FOB", "CIF" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of the International Rules for the Interpretation of the Trade Terms published by the International Chamber of Commerce, Paris, and commonly referred to as INCOTERMS.

11. INSURANCE

- 11.1 The Goods supplied under the Contract shall be fully insured in the currency of the contract against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the Special Conditions of Contract.

12. TRANSPORTATION

- 12.1 Where the Supplier is required to effect delivery under any other terms, for example, by post or another address in the source country, the Supplier shall be required to meet all transport and storage expenses until delivery.
- 12.2 In all of the above cases, transportation of the Goods after delivery at the designated point of delivery shall be the responsibility of the Procuring Entity.
- 12.3 Ocean transportation shall be by vessels registered in eligible source countries, as defined in Clause 3 of the Instructions to Bidders, or belonging to shipping conferences in which shipping lines from such member countries hold the major share.

13. INCIDENTAL SERVICES

- 13.1 As specified in the Special Conditions of Contract, the Supplier may be required to provide any or all of the following services:
- (a) Performance or supervision of on-sight assembly and/or start-up of the supplied Goods;
 - (b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
 - (d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
 - (e) Conduct of training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.
- 13.2 Prices charged by the Supplier for the preceding incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged by the Supplier to other parties for similar services.

14. SPARE PARTS

- 14.1 As specified in the Special Conditions of Contract, the Supplier may be required to provide any or all of the following materials and notifications pertaining to spare parts manufactured or distributed by the Supplier:
- (a) Such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
 - (b) In the event of termination of production of the spare parts:
 - (i) advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the Procuring Entity, the blue prints, drawings, and specifications of the spare parts, if and when requested.

15. WARRANTY

- 15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise, in the Contract. The Supplier further warrants that the Goods supplied



under this Contract shall have no defect arising from design, materials or workmanship or from

any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions obtaining in the country of final destination.

- 15.2 This warranty shall remain valid for 12 months after the Goods or any portion thereof as the case maybe, have been delivered to the final destination and commissioned indicated in the Contract or for 18 months after the date of shipment to the port of entry in the Philippines, whichever period concludes earlier, unless specified otherwise in the Special Conditions of Contract or in the Technical Specifications.

- 15.3 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty.

- 15.4 Upon receipt of such notice, the Supplier shall repair or replace within 30 days of such notification the defective Goods or part thereof, without costs to the Procuring Entity other than, where applicable, the cost of inland delivery of the repaired or replace Goods or parts from the port of entry to the final destination

- 15.5 If the Supplier, having been notified, fails to remedy the defect(s) within 30 days of such notification, the Procuring Entity may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract.

16. PAYMENT

- 16.1 The method and conditions of payment to be made to the Supplier under the Contract shall be specified in the Special Conditions of Contract.

- 16.2 The currency in which payment is made to the Supplier under this Contract shall be specified in the Special Conditions of Contract.

- 16.3 No payment shall be due while the Supplier is in default in respect to any of the provisions of the contract. On the event that the Supplier is in default, the Procuring Entity reserve the right to instruct Procuring Entity designated bank to withhold any or all payments.

17. PRICES

- 17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not, with the exception of any price adjustments authorized by the Special Conditions of Contract, vary from the prices quoted by the Supplier in its bid.

18. CHANGE ORDERS

- 18.1 The Procuring Entity may at any time, by a written order given to the Supplier pursuant to Clause 31, General Conditions of Contract, make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs or specifications where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Entity;
- (b) the method of shipment or packing;
- (c) place of delivery; or
- (d) the Services to be provided by the Supplier.

- 18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any part of the work under the Contract whether changed or not changed by the order, an equitable adjustment shall be made to the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring Entity's change order.

19. CONTRACT AMENDMENTS

- 19.1 Subject to Clause 18, no variation or modification of the terms of the Contract shall be made except by written amendments signed by the parties.

20. ASSIGNMENT

- 20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Procuring Entity's prior written consent.

21. SUBCONTRACTS

- 21.1 The Supplier shall notify the Procuring Entity in writing of all subcontracts awarded under the Contract if not already specified in his bid. Such notification, in his original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

- 21.2 Subcontracts must comply with the provisions of Clause 3.



22. DELAYS IN THE SUPPLIER'S PERFORMANCE

- 22.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule specified by the Procuring Entity in its Schedule of Requirements.
- 22.2 A delay by the Supplier in the performance of its delivery obligations, for which either no amendment to the contract or no extension of the performance security was made, shall render the Supplier liable to any or all of the following sanctions:
 - 22.2.1 forfeiture of its performance security,
 - 22.2.2 imposition of liquidated damages,
 - 22.2.3 and/or termination of the Contract for default.
- 22.3 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of the Services, the Supplier shall promptly notify the Procuring Entity in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after the receipt of the Supplier's notice, the Procuring Entity shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

23. LIQUIDATED DAMAGES

- 23.1 Subject to Clause 25, if the Supplier fails to secure acceptance from the Procuring Entity for the delivery of any or all of the Goods or performance of the Services within the delivery period(s) specified in the Contract, the Procuring Entity shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to one tenth of one percent (0.1 %) of the delivered price of the Goods or Services that were delivered early or delayed, for each day outside of the Contract schedule for deliveries, up to a maximum deduction of Ten (10%) percent of the Contract Price of the Goods or Services involved. Once the maximum is reached, the Procuring Entity may consider termination of the Contract.

24. TERMINATION FOR DEFAULT

- 24.1 The Procuring Entity may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or in part:
 - (a) If the Supplier fails to deliver any or all of the Goods within the time period(s) specified in the Contract, or any extension thereof granted by the Procuring Entity pursuant to Clause 22; or
 - (b) If the Supplier fails to perform any other obligation(s) under the Contract.
- 24.2 In the event the Procuring Entity terminate the Contract in whole or in part, pursuant to para. 24.1, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any additional cost of Goods for such similar Goods. However, the Supplier shall continue performance of the Contract to the extent not terminated.

25. FORCE MAJEURE

- 25.1 Notwithstanding the provisions of Clause 22, 23, 24, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 25.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but not restricted to wars or revolution, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26. TERMINATION FOR INSOLVENCY

- 26.1 The Procuring Entity may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. Notwithstanding the above, such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity.



27. TERMINATION FOR CONVENIENCE

- 27.1 The Procuring Entity may, by written notice sent to the Supplier, terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective.
- 27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be purchased by the Procuring Entity at the Contract terms and prices. For the remaining Goods, the Procuring Entity may elect:
- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier for the use in this contract.

28. RESOLUTION OF DISPUTES

- 28.1 The Procuring Entity and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 28.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Entity and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanism specified in the Special Conditions of Contract. This mechanism may include, but is not restricted to, conciliation mediated by a third party, adjudication in an agreed national or international forum, and/or international arbitration. The mechanism shall be specified in the Special Conditions of Contract.

29. GOVERNING LANGUAGE

- 29.1 The Contract shall be written in the language of the bid, as specified by the Procuring Entity in the Instruction to Bidders. Subject to Clause 30, the language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in that same language.

30. APPLICABLE LAW

- 30.1 The Contract shall be interpreted in accordance with the laws of the Philippines.

31. NOTICES

- 31.1 Any notice given by one party to the other pursuant to the Contract shall be sent in writing or by telegram, fax or telex/cable and confirmed in writing to the address specified for that purpose in the Special Conditions of Contract.
- 31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. TAXES AND DUTIES

- 32.1 A Supplier providing imported goods shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Philippines
- 32.2 A Supplier providing domestic goods shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the Contract Goods to the Procuring Entity. Value Added Tax (VAT) or similar local taxes on finished products shall be identified and shall be reimbursed to the Supplier by the Procuring Entity upon presentation of documentary evidence that taxes have been paid (Clause 11.2.3, Section IV - Special Conditions of Contract).

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SECTION IV. SPECIAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

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1. GENERAL

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Condition of Contract. The corresponding clause number of the General Condition is indicated in parenthesis.

2. DEFINITION

- 2.1 The Procuring Entity is Nueva Ecija II Electric Cooperative., Inc.- Area 1
- 2.2 The Supplier/Contractor is (Name of Supplier/Contractor)
- 2.3 EC or Coop is Electric Cooperative

3. COUNTRY OF ORIGIN

The countries of origin are defined in Section II, Clause 3.1, whereas the term "origin" is defined in Section III, Clause 3.

4. PERFORMANCE SECURITY

The Performance Security shall be in the amount of five (5%) percent of the Contract Price in form of Manager's Check and

- 4.1 shall be valid initially for a period covering the delivery and construction work schedule plus 45 calendar days; and
- 4.2 shall be extended with each delivery to cover also the warranty period of the delivered goods plus 30 calendar days.

5. INSPECTION AND TESTS

The inspection and test procedures, required by the Procuring Entity, are described in General Technical Conditions as well as in Technical Specifications.

When the Technical Specifications do not specify otherwise and 100 % testing is not required, the American Standard ANSI/ASQC Z1.4-1993 (Sampling Procedures and Tables for Inspection by Attributes) will be used as the guidelines for inspecting and/or testing of the goods and the Acceptable Quality Level to be 0.40.

Cost for a minimum of two (2) Procuring Entity 's representative(s), such as travel cost, accommodation and living expenses shall be borne by the Supplier.

6. PACKING AND MARKING

- 6.1 Refer to Section V, Clause 8 and 9, for marking requirement

7. DELIVERY AND DOCUMENTS

- 7.1 Delivery Schedule:
For goods supplied within the Philippines counting will be from the date the Supply Contract is signed.
Delivery is considered complete when:
 - a) the specified quantity of goods are received at the Coops Headquarters or as specified by the Procuring Entity within the area coverage in accordance with all the requirements in the contract, or
 - b) the goods, to be delivered, at Manila warehouse/factory, have been loaded on the Supplier's truck, or
 - c) the goods, to be delivered to the Coop headquarters or as specified by the Procuring Entity within the area coverage, have been received by the Coop and a Receiving Report has been provided by the Coop.

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7.2 Documents for Imported Goods Shipped to EC HQ.

Upon shipment, the Supplier shall notify the Procuring Entity and the Insurance Company by cable, fax or telex the full details of the shipment including Contract number, description of Goods, quantity, vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, estimated time of arrival, port of entry, etc. The Supplier shall send by courier the following documents to the Procuring Entity with a copy to the Insurance Company:

- 7.2.1 Original & six (6) copies of the Supplier's invoice showing Goods description, quantity, unit price, total amount. The cost of insurance and freight included in the total amount shall be itemized separately. The cost of inland freight, brokerage, handling and other incidental expenses within the Philippines, included in the total amount shall likewise be itemized separately.
- 7.2.2 Original and four (4) copies of the negotiable, clean on-board bill of lading of the final carrier/vessel to Philippines marked freight prepaid and two (2) copies of non-negotiable bill of lading;
- 7.2.3 Original & six (6) copies of packing list identifying contents of each package by serial number;
- 7.2.4 Original & three (3) copies of Insurance Certificate;
- 7.2.5 Original & three (3) copies of Manufacturer's/Supplier's guarantee certificate;
- 7.2.6 Original & three (3) copies of:
 - 7.2.6.1 Inspection certificate issued by the EC or any authorized inspection agency or a certificate of waiver signed by the EC;
 - 7.2.6.2 the Manufacturer's factory inspection report, and
 - 7.2.6.3 Societe de Surveillance (SGS) pre-shipment Clean Report of Findings or number and date of issue.
- 7.2.7 Original & three (3) copies of Certificate of Origin endorsed by the Chamber of Commerce.
- 7.2.8 Original & three (3) copies of evidence showing that the Supplier has forwarded the shipping documents listed above to the Procuring Entity via an international document handling service similar to Federal Express or DHL. These documents shall reach the Procuring Entity not later than ten (10) calendar days after shipment as evidenced by the date of the Bill of Lading, except those shipping documents covering shipment of materials from Japan, Korea, Taiwan, Thailand and other eligible Asian source countries and airshipments, which shall reach the Procuring Entity not later than three (3) calendar days after shipment. Any expenditure incurred by the Procuring Entity (such as demurrage charges, storage fee, document reproduction costs and other similar charges/expenditure) as result of late receipt of required shipping documents, or incorrect shipping documents, shall be for the account of the Supplier. Filing fee being charged by the BOI, DOF and other government agencies for the tax and duty free importation of the goods shall be borne by the Supplier.
- 7.2.9 Original & three (3) copies of the extension for the Performance Security as per Clause 4.2.

7.3 Documents for Domestic Goods delivered to EC HQ.

The Supplier shall send the following documents to the EC with a copy to each the Procuring Entity and the insurance company:

- 7.3.1 Original & three (3) copies of the Supplier's invoice showing Goods description, quantity, unit price, total amount. The cost of freight from Supplier's Warehouse to designated destination shall be itemized separately.
- 7.3.2 Original & three (3) copies of packing list identifying contents of each package by serial number, Consignee & recipient Coop.
- 7.3.3 Original & three (3) copies of Insurance Certificate on any Goods shipped DDP to EC HQ.
- 7.3.4 Original & three (3) copies of Manufacturer's/Supplier's guarantee certificate;
- 7.3.5 Original & three (3) copies of Inspection certificate issued by:
 - 7.3.5.1 An authorized inspection agency or a certificate of waiver signed by the EC, and
 - 7.3.5.2 the Manufacturer's factory inspection report.

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- 7.3.6 Original & three (3) copies of Certificate of Origin.
- 7.3.7 For wood products, a copy of the DENR logging permit under which the trees were cut in the Philippines.
- 7.3.8 Original & three (3) copies of the extension for the Performance Security as per Clause 4.2.
- 7.3.9 Original & three (3) copies of the certificates proving the amount for all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods as stated in the price sheets. Payments are limited to the amount stated in such certificates but shall not exceed the amount stated in the price sheets."

8. INSURANCE

The marine and inland insurance shall be in an amount equal to one hundred ten percent (110%) of the value of the Goods from "warehouse to recipient EC warehouse" on "All Risks" basis including War Risk, Civil Unrest, and Strike clauses and shall be valid for ninety (90) days after arrival of the equipment at designated EC HQ or as specified by the Procuring Entity within the area coverage. The insurance shall be paid by the Supplier. It shall be the responsibility of the Supplier that the insurance coverage provided include the cost of conducting all necessary investigation of report of damage, loss or pilferage. Such investigation and preparation of report shall be done by the Supplier at no cost to the Procuring Entity.

9. INCIDENTAL SERVICES

The services covered under Clause 13, Section III, General Conditions of Contract, Sub-Clause 13.1 letters (c), (d), and that of those required in the Technical Specifications shall be furnished. The cost shall be included in the contract price.

10. SPARE PARTS

Suppliers shall carry sufficient inventories to assure ex-stock supply of consumable spares such as gaskets, plugs, washers, belts, etc. other spare parts and components shall be supplied as promptly as possible but in any case shall not exceed one (1) month after placement of order and establishment of Letter of Credit or execution of Contract.

11. PAYMENT

- 11.1 For Goods and services supplied from countries other than the Philippines payment shall be made as follows:
 - 11.1.1 Once a month or for an accomplishment of at least P 1.0 million, the contractor may submit a request for payment for work accomplished. Such request for payment shall be verified and certified by the Coop project engineer, and approved by Coop Technical/Engineering Manager. Except as otherwise stipulated in the contract, materials and equipment delivered on the site but not completely put in place shall not be included for payment.
 - 11.1.2 The Coop shall have the right to deduct from the contractor's progress billing such amount as may be necessary to cover third party liabilities, as well as uncorrected discovered defect in the project.
- 11.2 For Goods and Services supplied from within the Philippines, payment shall be made as follows:
 - 11.2.1 Once a month or for an accomplishment of at least P 1.0 million, the contractor may submit a request for payment for work accomplished. Such request for payment shall be verified and certified by the Coop project engineer, and approved by Coop Technical/Engineering Manager. Except as otherwise stipulated in the contract, materials and equipment delivered on the site but not completely put in place shall not be included for payment.
 - 11.2.2 The Coop shall have the right to deduct from the contractor's progress billing such amount as may be necessary to cover third party liabilities, as well as uncorrected discovered defect in the project.
- 11.3 Should the Supplier fail to receive from Procuring Entity the Acceptance Certificate as

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specified in paragraphs 11.1.2 & 11.2.2 within (60) days following the date of delivery of the materials to Procuring Entity headquarters or as specified by the Procuring Entity within the area coverage, the Supplier may request for payment by submitting to Procuring Entity three (3) copies of the Voucher bearing the following certification:

I/we hereby certify that the materials and equipment covered by this invoice were delivered to the Procuring Entity headquarters or as specified by the Procuring Entity delivery point as specified in the Delivery Schedule prior to sixty (60) days before the date of this certification, that all warranties and guaranties, and final drawing have been

delivered to Procuring Entity, that no objection of any kind has been received from Procuring Entity to the payment of the remaining ten (10%) percent of this equipment.

Date

Supplier

ATTESTED BY:

Authorized Signature

Title

12. RESOLUTION OF DISPUTES

The dispute resolution mechanism to be applied pursuant to Clause 28 of the General Conditions shall be as follows:

- 12.1 in the case of a dispute between the Procuring Entity and a Supplier which is a national of the Philippines, the dispute shall be referred to adjudication/arbitration in accordance with the laws of the Philippines; and
- 12.2 in the case of a dispute between the Procuring Entity and a foreign Supplier, the dispute shall be settled by arbitration, held in Manila, in accordance with the provisions of the UNCITRAL Arbitration Rule

13. NOTICES

For the purpose of all notices, the following shall be the address of the Procuring Entity and Supplier.

Procuring Entity:

ENGR. JEFFREY C. CUDAPAS,ME nM
BAC Chairperson
Nueva Ecija II Electric Cooperative, Inc. -Area 1 (NEECO II Area 1)
Calipahan, Talavera, Nueva Ecija
Philippines 3114
Tel./Fax 044 411 1007
e-mail: bac_neeco2areal@yahoo.com.ph

Supplier:

(to be filled in at the time of contract signature)

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SECTION V. FORMS

TABLE OF FORMS

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FORM 1: BID

Date: _____
Location: _____
Contract _____
No: _____

TO: Bid and Awards Committee
Nueva Ecija II Electric Cooperative, Inc.- Area-1
Calipahan, Talavera
3114 Nueva Ecija

Gentlemen:

Having examined the Bidding Documents including Addenda Nos. (Insert Numbers), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to deliver (Description of materials) in conformity with the said Bid Documents for the sum of (Total Bid Amount in Words and Figures) or such other sums as may be ascertained in accordance with the Price Schedules attached herewith and made part of this bid.

We undertake, if our bid is accepted, to commence the delivery within (Number) days to complete the project of all the items specified in the Contract within the (Number) days to be calculated from the date of receipt of your Purchase Order.

If our bid is accepted we will post performance security in form of Manager's Check in a sum not exceeding five percent (5%) of the Bid Price for the due performance of the Contract.

We agree to abide by this bid for a period of (Number) days from the date fixed for bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your Notice of Award/Purchase Order, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this ____ day of _____, 20__.

Signature

(In capacity of)

Duly authorized to sign bid for and on behalf
of _____.

FORM 2: BID SECURITY

WHEREAS, _____ hereinafter called "the BIDDER" has submitted its bid dated _____ for the construction of _____ (hereinafter called "the BID").



KNOW ALL MEN BY THESE PRESENTS:

That, WE, _____ of _____, having our registered office at _____ (hereinafter called "the BANK") are the bound unto (hereinafter called "the COOPERATIVE") in the sum of _____ for which payment will truly to be made to the said COOPERATIVE, the Bank binds itself, its successors and assigns by these presents.

Sealed with the common seal of the said Bank this ____ day of _____, 20__.
THE CONDITIONS of this obligation are:

- 1) If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
- 2) If the bidder, having been notified of the acceptance of its bid by the Cooperative during the period of validity:
 - a. fails or refuses to execute the Contract Form, if required; or
 - b. fails to refuses to furnish the Performance Security, in accordance with the Instructions to Bidders;

We undertake to pay to the Cooperative up to the above amount upon receipt of its first written demand, without the Cooperative having to substantiate it demand, provided that in this demand the Cooperative will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

(Signature)

FORM 3: POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, a company organized and existing under the laws of _____, having the principal office at _____ do hereby make, constitute, and appoint _____ our true and lawful attorneys-in-fact to act for us, on our behalf, and in name, by investing them with the following powers:

- 1) To make any proposal to and/or negotiate and execute the contract or any other agreement with (NEECO II Area-1), its representative and/or agents, if any, relating to the bid for _____.
- 2) To receive, accept and acknowledge any notice issued under the contract, any other



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- 3) To do any and all acts and things and execute any and all instruments, certificates and agreement which they may deem necessary or advisable, or which may be required for or in connection with the execution of the said contract.

IN WITNESS WHEREOF, we have cause this POWER OF ATTORNEY to be executed in our name by our _____, _____ thereunto duly authorized, in _____ this day of _____, 20____.

(CORPORATION)
by: PRINTED NAME
POSITION/TITLE

FORM 4a: LETTER OF AUTHORIZATION FROM THE MANUFACTURER TO THE BIDDER

To whom it may concern:

We, _____, a juridical person, organized and existing under the laws of _____ having its principal business office at _____ hereby authorizes _____ having its registered office at _____ to offer and supply our goods/services to the _____ Electric Coop., Inc.

This Letter of Authorization is effective from this _____ day of _____ 20____ and remains in full force until the completion of the contract.

(CORPORATION)

by: _____
PRINTED NAME

POSITION / TITLE

FORM 4b: LETTER OF AUTHORIZATION FROM THE LOCAL AGENT TO THE BIDDER

To whom it may concern:

We, _____ (Local Agent) _____, a juridical person, organized and existing under the laws of _____ having its principal business office at _____ hereby appoint _____ (BIDDER's Company) _____ having its registered office at _____ as our representative. In particular, our representative is authorized to participate in

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biddings and offer our brands/products as follows: _____

This Letter of Authorization is effective from this _____ day of _____ 20____ and remains in full force until the completion of the contract.

(CORPORATION)

by: _____

PRINTED NAME

POSITION / TITLE

FORM 5: CONTRACT

MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This agreement is entered into this _____ day of _____, 2026 at Nueva Ecija II Electric Cooperative, Inc. Area-1 (NEECO II-AREA1) Main Office, Calipahan, Talavera, Nueva Ecija, by and between:

The **NUEVA ECIJA II ELECTRIC COOPERATIVE, INC.- AREA-1 (NEECO II AREA-1)**, a Cooperative duly organized and existing under and by virtue of the laws of the Philippines, with principal office at Brgy. Calipahan, Talavera, Nueva Ecija, represented by its General Manager ENGR. NELSON M. DELA CRUZ hereinafter referred to as the "CLIENT";

- and -

_____, a Corporation duly organized and existing under Philippine laws, with office address _____ represented by its _____, herein referred to as the "SUPPLIER/CONTRACTOR";

WITNESSETH:

- 1) That, the CLIENT thru the Bids and Awards Committee (BAC) has bid for the _____ (the "Project") that was further awarded to the SUPPLIER/CONTRACTOR _____, as duly approved by the Board of Directors under Resolution No. _____;
- 2) That, the principal features of the works to be done under this Contract includes but not limited to the following scope of works, to wit:

NOWHEREFORE, for and in consideration of the foregoing premises the parties hereto agree on the following terms and conditions, to wit:

1. The contract price shall be _____ inclusive of VAT. The required down payment shall be made upon the written request of the supplier/contractor, and after the supplier/contractor's mobilization of materials. The balance shall be by progress payments based on

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the estimated amount of work satisfactorily completed by the SUPPLIER/CONTRACTOR and accepted by the CLIENT for every progress billing; payable within thirty (30) days after issuance of Sales Invoice;

2. Progress payments/ billings are subject to ten percent (10%) retention of the billings to answer for any uncorrected/ discovered defects and third party liabilities and may be released within thirty (30) days after the discovered defects in the project has been corrected and in lieu thereof, shall post a Guarantee Bond equivalent to five percent (5%) of the Contract Price; to be valid within the warranty period;
3. The CLIENT shall, upon written request of the SUPPLIER/ CONTRACTOR, and after the SUPPLIER/CONTRACTOR'S mobilization of materials, shall make a down payment equivalent to 15% of the contract price;
4. The SUPPLIER/CONTRACTOR will post a Performance Security Bond in the amount of _____, equivalent to 10% of the supplier/contractor's Bid Price which is to be returned to the Supplier not later than thirty (30) days following the date of the issuance of the Certificate of Completion of the supplier/contractor's Performance under the Contract and the formal request of the supplier/contractor;
5. The SUPPLIER/CONTRACTOR agrees and binds itself to fully and faithfully provide for its accounts all provisions necessary in the completion of the _____ within _____ Working days; from acceptance of Notice to Proceed;
6. Time is an essential feature of this contract in the event that the SUPPLIER/CONTRACTOR fails to complete the Project within the stipulated time of ____ () working days, inclusive of any granted extension of time, the SUPPLIER/CONTRACTOR shall pay the CLIENT, as liquidated damages for its calendar day of delay; as described in the following section;
7. In the event that the SUPPLIER/CONTRACTOR fails to complete the project within the stipulated time inclusive of the granted extension of time, if any, the supplier shall pay the CLIENT, as **Liquidated Damages** for its calendar day of delay, an amount using the following formula under the NEA Revised Procurement Guidelines:

For procurement of goods, services and infrastructure projects, the amount of liquidated damages shall be at least equal to 1/10 of 1% (.001) of the cost of the unperformed portion of the contract for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the contract shall be rescinded without prejudice to other courses of action and remedies to be undertaken.
8. In the event of a delay in work caused by fortuitous events or force majeure, the supplier/contractor may request for an extension of time, in writing, within three (3) days following the occurrence of the cause of delay. The grant of extension, which shall also be in writing, may not be unreasonably withheld. It shall be understood that the approval of the request for extension of time shall not be construed as to automatically entitle the supplier/contractor to a cost adjustment;
9. The SUPPLIER/CONTRACTOR shall exert its best efforts to execute its obligations under the contract in accordance to all the documents made to form part of this contract;
10. The SUPPLIER/CONTRACTOR shall guarantee the quality of all materials it will supply, deliver and use in the Project and shall make good all defect/s attributable to the quality of materials and workmanship which may be discovered within one (1) year reckoned from the date of issuance of certificate of completion;
11. The SUPPLIER/CONTRACTOR shall issue a Guarantee Bond in the form of Manager's Check



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equivalent to Five Percent (5%) of the contract price to serve as warranty against defective works and materials for a period of one (1) year reckoned from the date of Final Inspection and Acceptance. The Guarantee Bond shall be released at the end of the guarantee period provided there are no pending reservations for its release. Thereafter, the SUPPLIER/CONTRACTOR is relieved of all obligations under the Contract;

12. The SUPPLIER/CONTRACTOR shall not assign, in whole or in part, its obligations to perform under the Contract, except with the CLIENT'S prior written consent. The SUPPLIER/CONTRACTOR shall notify the CLIENT in writing of all subcontract awards under the contract. Such notification shall not relieve the Supplier from any liability or obligation under the Contract;
13. The SUPPLIER/CONTRACTOR obligates to comply with the provisions of the existing laws, executive and administrative orders and rules and regulations issued or to be issued pertinent the Project;
14. The CLIENT shall have the rights to automatically terminate the contract in the event that the SUPPLIER/CONTRACTOR incurs unjustified delays;
15. In case of litigation arising out of this contract, the parties hereto agree that its venue shall be in the proper court in Nueva Ecija, under the laws of the Philippines.

IN WITNESS WHEREOF, the parties have hereunto signed this contract on the date and place first above written.

**NUEVA ECIJA II ELECTRIC
COOPERATIVE, INC.- Area-1
(NEECO II AREA-1)**

By:

ENGR. NELSON M. DELA CRUZ
General Manager

By:

President/General Manager

Signed in the presence of:

ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES }
Municipality of Talavera } S.S.
Province Of Nueva Ecija }

BEFORE ME, a Notary Public within and for _____, Philippines, this _____ day of _____, 2026, personally appeared ENGR. NELSON M. DELA CRUZ exhibiting his valid identification cards, known to me as the same persons who executed the foregoing instrument and

[Handwritten signature]

acknowledged to me that the same is his free act and deed as well as free act and deed of the Cooperative which he respectively represent.

This Agreement is consisting of seven (7) pages including the page, on which this Acknowledgement is written, with each and every page duly signed by the parties and their instrumental witnesses.

WITNESS MY HAND AND SEAL on the date and place above written.

Doc. No.; _____
Page No.; _____
Book No.; _____
Series of 2026 _____

FORM 7: PERFORMANCE SECURITY

TO: (Name of COOPERATIVE)

WHEREAS, _____ (Name of Contractor) hereinafter called "the CONTRACTOR" has undertaken, in pursuance of Contract No. dated _____, 20____ to construct (Description of Project) hereinafter called "the CONTRACT";

AND WHEREAS it has been stipulated by you in the said contract that the CONTRACTOR shall furnish you with a Bank Guarantee by recognized bank for the sum specified therein as a security for compliance with the CONTRACTOR's performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the CONTRACTOR a Guarantee;

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the CONTRACTOR, up to a total of (Amount of the Guarantee in words and figures) and we undertake to pay you, upon your first written demand declaring the CONTRACTOR to be in default under the Contract and without cavil or argument, any sum of sums within the limits of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the ____ day of _____, 20__.

Signature and seal of the Guarantors

FORM 8: DEVIATIONS

Reference to the Specifications	Requirements of Specifications	Detailed Description of the Deviations from the Specifications

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NEECO II - AREA 1

NUEVA ECJA II ELECTRIC COOPERATIVE, INC. - AREA 1

FORM 9: ACKNOWLEDGEMENT RECEIPT

Calipahan, Talavera, Nueva Ecija

www.neeco2areal.com

neeco2_areal@yahoo.com.ph

(044) 411-1007 loc. 117

BACKGROUND

As the results of the innovative of NEECO II-Area 1's procurement process and policy, the Bids and Awards Committee (BAC), releases copies of bidding documents in soft copy through the NEECO II-AREA 1 Official Website.

BIDDER'S INFORMATION

(Bidder/Company Name), an entity duly organized and existing under and by virtue of the laws of the Republic of the Philippines, with office address at (Bidder/Company Address), represented by its (Name of Bidder's Representative and designation) hereinafter referred to as the "BIDDER"

ACCEPTANCE OF BIDDING DOCUMENTS

That we, (Bidder/Company Name) hereby confirm the receipt of the copy of bidding documents for the _____ in soft copy form.

Whereby, in cases of any inconsistency or discrepancy on the contents of bidding documents between the copy of the Bidders and the original copy secured from NEECO II-Area 1 website, the contents of the original copy shall prevail.

CONFORME:

(Printed Name & Signature of Duly
Authorized Representative)

DATE: _____

FORM 10. OMNIBUS SWORN STATEMENT

Omnibus Sworn Statement

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, _____,
(Name of _____ and residing at _____ (Civil
(Nationality) _____ (Address of _____

with law, do hereby depose and state that:

1. Select one, delete the other:

a. If a sole proprietorship:

I am the sole proprietor of _____ with office
address at _____
(Name of _____
(Address of Bidder)

b. 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)

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NEECO II - AREA 1

NUEVA ECJA II ELECTRIC COOPERATIVE, INC. - AREA 1

Calipahan, Talavera, Nueva Ecija
www.neeco2areal.com
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(044) 411-1007 loc. 117

2. Select one, delete the other:

a. If a sole proprietorship:

As the owner and sole proprietor of _____ (Name of Bidder),
I have full power and authority to do, execute and perform any and all acts necessary to represent
it in the bidding for _____ (Name of Project)
of the _____ (Name of Procuring Entity);

b. 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 and/or to represent the _____ (Name of Bidder) in the
bidding as shown in the
attached _____

(State title of attached document showing proof of authorization e.g. duly notarized Secretary's
Certificate issued by the corporation of the members of the joint venture);

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, or Electric Cooperatives, foreign government/ foreign or international financing
institution whose blacklisting rules have been recognized by the Government Procurement Policy
Board, or Electric Cooperatives.
4. Each of the documents submitted in satisfaction of the bidding requirements is _____ an authentic
copy of the original, complete, and all statements and _____ informations 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:

a. If a sole proprietorship:

I am 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, or the end-user unit,
and the project consultants by _____ consanguinity or affinity up to the third civil degree;

b. If a partnership or cooperative:

None of the officers and members of _____ (Name of Bidder)

Is related to the Head of Procuring Entity, members of the Bids _____ and
Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, or the end-
user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

c. 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, 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;

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NEECO II - AREA 1

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(044) 411-1007 loc. 117

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is aware of and has undertaken the following responsibilities as a

(Name of Bidder)

Bidder;

- Carefully examine all of the Bidding Documents;
- Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract
- Made an estimate of the facilities available and needed for the contract to be bid, if any; and
- Inquire or secure Supplemental/ Bid Bulletin (s) issued for the
(Name of 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 Electric Cooperative in relation to any procurement project or activity.

IN WITNESS WHEREOF, I have hereunto affixed my signature this _____ day of _____, 20____ at the City _____ of _____, Philippines.

Affiant

SUBSCRIBED AND SWORN to before me this _____ at the City _____, the affiant exhibited to me (any of the following: Passport, Driver's License, TIN & SSS ID with picture) No/s. _____ and valid until _____.

NOTARY PUBLIC

UNTIL _____

PTR.NO. _____

TIN _____

Doc. No. _____

Page No. _____

Book No. _____

Series 20 _____

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NEECO II - AREA 1

NUEVA ECJA II ELECTRIC COOPERATIVE, INC. - AREA 1

Calipahan, Talavera, Nueva Ecija

www.neeco2area1.com

neeco2_area1@yahoo.com.ph

(044) 411-1007 loc. 117

Owner: NEECO II-AREA 1

Location : Brgy. Calipahan, Talavera, Nueva Ecija

Project : Proposed Construction of a Single-Storey Canteen Building (Coop Canteen)

Subject : Itemized Bill of Quantities

ITEM OF WORKS		AMOUNT
A	PRELIMINARIES	
B	DEMOLITION WORKS	
C	EARTHWORKS	
D	CONCRETE	
E	REINFORCING STEEL	
F	FORMWORKS	
G	REBAR ACCESSORIES	
H	RENTALS	
I	ROOF FRAMING	
J	ROOFING WORKS	
K	WALL	
L	FIBER CEMENT CEILING	
M	ELECTRICAL WORKS	
N	PLUMBING WORKS	
O	TILES WORKS	
P	WATERPROOFING	
Q	PAINTING WORKS	
R	ELECTRICAL FIXTURES	
S	PLUMBING FIXTURES	
T	DOORS AND WINDOWS	
U	CABINET WORKS	
TOTAL MATERIAL & LABOR COST		
CONTINGENCIES (4%)		
MOBILIZATION (2%)		
PROFESSIONAL FEE (FIXED)		
TOTAL PROJECT COST		

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BILL OF QUANTITY OF CIVIL WORKS AND FINISHING WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST	MATERIAL COST	LABOR COST	AMOUNT
A	PRELIMINARIES						
A.1	Mobilization / Demobilization	lot	1				
A.2	Temporary Fence (GI Sheets)	lm	85				
A.3	Temporary Site Office	lot	1				
A.4	Temporary Water & Electrical	lot	1				
A.5	Safety Signages & Barricades	lot	1				
A.6	Portable Toilet	month	2				
B	DEMOLITION WORKS						
C	EARTHWORKS						
C.1	Structural Excavation	m³	45				
C.2	Excavation for Tie Beams	m³	14				
C.3	Excavation for Wall Footing	m³	10				
C.4	Selected Fill	m³	26				
C.5	Compaction	m³	26				
C.6	Gravel Bedding	m³	18				
C.7	Solignum Soil Treatment	L	40				
D	CONCRETE						
D.1	Portland Cement (40 kg)	bag	840				
D.2	Washed Sand	m³	38				
D.3	3/4" Crushed Gravel	m³	55				
E	REINFORCING STEEL						
E.1	10 mm Deformed Bars × 6 m	pcs	236				
E.2	12 mm Deformed Bars × 6 m	pcs	144				
E.3	16 mm Deformed Bars × 6 m	pcs	190				
E.4	20 mm Deformed Bars × 6 m	pcs	132				
F	FORMWORKS						
F.1	12 mm Phenolic Plywood	sheet	40				
F.2	Form Tie	pcs	160				
G	REBAR ACCESSORIES						
G.1	GI Tie Wire	roll	8				
G.2	Concrete Spacer	pcs	650				
G.3	Concrete Nail (assorted)	kg	15				
G.4	Common Nails (assorted)	kg	45				

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H	RENTALS						
H.1	Backhoe (0.8 m³) Rental	day	3				
H.2	Dump Truck (10 m³) Rental	day	3				
H.3	Concrete Vibrator Rental	day	10				
H.4	Plate Compactor Rental	day	3				
I	ROOF FRAMING						
I.1	Angle Bar 65×65×6 mm × 6 m	pcs	90				
I.2	Angle Bar 50×50×6 mm × 6 m	pcs	70				
I.3	C-Purlins C150×50×20×2.0 mm × 6 m	pcs	80				
I.4	Anchor Bolts M20 × 450 mm	pcs	25				
I.5	Sag Rod 12 mm × 6 m	pcs	38				
I.6	Sag Rod Accessories	lot	1				
I.7	1" × 3" × 1.5 mm Tubular Steel × 6 m	pcs	20				
I.8	Welding Rod E6013	boxes	10				
I.9	Cutting Disc 4"	pcs	40				
I.10	Grinding Disc 4"	pcs	24				
I.11	Primer	gallon	7				
I.12	Quick Dry Enamel	gallon	7				
I.13	Paint Thinner	gallon	4				
J	ROOFING WORKS						
J.1	0.60mm Pre-painted Long Span Roofing (7.5 m)	lm	150				
J.2	Side Flashing	lm	20				
J.3	Eave Flashing	lm	48				
J.4	End Flashing	lm	10				
J.5	Tek Screw 2½" (100 pcs/box)	box	5				
J.6	Neutral Silicone Sealant	tube	6				
J.7	Box Gutter (0.60 mm GI, Pre-painted)	lm	10				
J.8	Downspout Ø100 mm	pcs	6				
J.9	Downspout Elbow Ø100 mm	pcs	8				
J.10	Gutter Hanger	pcs	70				
J.11	Blind Rivets	box	2				
J.12	Pre-painted Spandrel Panel 0.40 mm × 300 mm × 4.0 m	pcs	28				
K	WALL						
K.1	5" CHB (Exterior Walls)	pcs	1,500				
K.2	4" CHB (Interior Partitions)	pcs	1,700				
K.3	Portland Cement (40 kg)	bags	200				
K.4	Washed Sand	m³	6				
K.5	White Sand (Plastering)	m³	15				
K.6	10 mm Deformed Bar (Wall Reinforcement)	pcs	60				

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K.7	GI Tie Wire #16	kg	14				
K.8	Concrete Nails (2")	kg	3				
L	FIBER CEMENT CEILING						
L.1	4.5mm Fiber Cement Board 4'x8'	sheet	30				
L.2	Double Furring 19mm x 5m	pcs	50				
L.3	Carrying Channel 5m	pcs	30				
L.4	Wall Angle 5m	pcs	30				
L.5	C-Channel 5m	pcs	30				
L.6	Suspension Clip	pcs	120				
L.7	Hanger Wire GI #16	kg	10				
L.8	Drywall Screw 1"	box	4				
L.9	Blind Rivets	box	2				
L.10	Joint Tape	roll	8				
L.11	Joint Compound	pail	5				
L.12	Access Panel 600x600	pcs	2				
L.13	Expansion Bolt 3/8" x 2"	pcs	30				
L.14	Metal Clips	box	4				
L.15	Wall Clip / Furring Clip	box	3				
L.16	Hanging Angle Clip	pcs	50				
L.17	GI Tie Wire #16 (Additional Bracing)	kg	3				
L.18	Construction Adhesive / Sealant	tube	3				
L.19	Fiber Cement Board Joint Sealant	tube	3				
M	ELECTRICAL WORKS						
M.1	3.5 mm ² THHN CU – Black	box	2				
M.2	3.5 mm ² THHN CU – Red	box	2				
M.3	5.5 mm ² THHN CU – Black	box	1				
M.4	5.5 mm ² THHN CU – Red	box	1				
M.5	20 mm PVC Electrical Conduit, 3 m	pcs	35				
M.6	25 mm PVC Electrical Conduit, 3 m	pcs	35				
M.7	Utility Box – Metal	pcs	25				
M.8	Junction Box – Metal	pcs	30				
M.9	Surface-Mounted Panel Board, 1 Main + 18 Branches	set	1				
M.10	200AT Main MCCB	pcs	1				
M.11	200AT Weatherproof Enclosure, NEMA 3R	pcs	1				
M.12	16AT MCB	pcs	4				
M.13	20AT MCB	pcs	4				
M.14	32AT MCB	pcs	4				
M.15	40AT MCB	pcs	2				
M.16	PVC Coupling 20 mm	pcs	50				
M.17	PVC Coupling 25 mm	pcs	20				
M.18	PVC Male Adapter 20 mm	pcs	20				
M.19	PVC Male Adapter 25 mm	pcs	12				
M.20	PVC Solvent Cement	can	2				
M.21	Electrical Tape	roll	12				
M.22	Rubber Splicing Tape	roll	4				
M.23	Nylon Cable Ties	pack	4				
M.24	Fish Tape / Wire Puller	pcs	1				
M.25	Pull Box 12" x 12"	pcs	2				

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M.26	Ground Rod 16 mm × 2.4 m Copper Clad	pcs	2				
M.27	Ground Rod Clamp	pcs	2				
M.28	14 mm ² THHN Green Ground Wire	m	40				
M.29	Flexible Metal Conduit 20 mm	roll	1				
M.30	Bushing 20 mm	pcs	30				
M.31	Lock Nut 20 mm	pcs	30				
M.32	Single-Eye Metal Clamp 20 mm	pcs	120				
M.33	Single-Eye Metal Clamp 25 mm	pcs	50				
N	PLUMBING WORKS						
N.1.1	Cold Waterline						
N.1.2	1-1/4" Ø PPR Pipe (4 m)	pcs	6				
N.1.3	1" Ø PPR Pipe (4 m)	pcs	4				
N.1.4	3/4" Ø PPR Pipe (4 m)	pcs	8				
N.1.5	1/2" Ø PPR Pipe (4 m)	pcs	8				
N.1.6	1-1/4" Elbow	pcs	4				
N.1.7	1-1/4" Tee	pcs	2				
N.1.8	1-1/4" Coupling	pcs	3				
N.1.9	1-1/4" Union	pcs	1				
N.1.10	1-1/4" Male Adapter	pcs	1				
N.1.11	1-1/4" Female Adapter	pcs	1				
N.1.12	1" Elbow	pcs	4				
N.1.13	1" Tee	pcs	3				
N.1.14	3/4" Elbow	pcs	6				
N.1.15	3/4" Tee	pcs	4				
N.1.16	1/2" Elbow	pcs	8				
N.1.17	1/2" Tee	pcs	4				
N.1.18	PPR Ball Valve 1-1/4"	pcs	1				
N.1.19	Gate Valve 1-1/4"	pcs	1				
N.1.20	Check Valve 1-1/4"	pcs	1				
N.1.21	Hose Bibb – Heavy Duty Brass	pcs	2				
N.1.22	1/2" Male Adapter	pcs	6				
N.1.23	1/2" Female Adapter	pcs	6				
N.1.24	3/4" Male Adapter	pcs	4				
N.1.25	3/4" Female Adapter	pcs	4				
N.1.26	1/2" PPR Coupling	pcs	8				
N.1.27	3/4" PPR Coupling	pcs	6				
N.1.28	PPR End Cap – Assorted	pcs	4				
N.1.29	Pipe Clamp – Assorted Sizes	pcs	40				
N.1.30	PTFE Thread Seal Tape	roll	4				
N.1.31	Pipe Hanger / U-Clamp	pcs	25				
N.2.1	Sanitary and Waste Water Line						
N.2.2	2" PVC Pipe (3 m)	pcs	5				
N.2.3	3" PVC Pipe (3 m)	pcs	6				
N.2.4	4" PVC Pipe (3 m)	pcs	14				
N.2.5	6" PVC Storm Drain Pipe (3 m)	pcs	8				
N.2.6	2" Elbow	pcs	4				
N.2.7	2" Tee	pcs	2				
N.2.8	2" Wye	pcs	2				
N.2.9	2" Coupling	pcs	5				

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N.2.10	2" Cleanout	pcs	2				
N.2.11	3" Elbow	pcs	6				
N.2.12	3" Tee	pcs	4				
N.2.13	3" Wye	pcs	4				
N.2.14	3" Coupling	pcs	4				
N.2.15	3" Cleanout	pcs	2				
N.2.16	4" Long Sweep Elbow	pcs	10				
N.2.17	4" Sanitary Tee	pcs	6				
N.2.18	4" Wye	pcs	6				
N.2.19	4" Coupling	pcs	8				
N.2.20	4" Reducer	pcs	2				
N.2.21	4" Cleanout	pcs	4				
N.2.22	6" Elbow	pcs	2				
N.2.23	6" Coupling	pcs	4				
N.2.24	6" Reducer	pcs	2				
N.2.25	PVC Solvent Cement (250 ml)	can	6				
N.2.26	Rubber Ring / Gasket (for large-diameter pipe if applicable)	pcs	8				
N.2.27	Pipe Hanger / Clamp	pcs	30				
N.2.28	Cleanout Cover (Brass or PVC)	pcs	6				
N.2.29	Vent Cowl 2"	pcs	1				
N.2.30	Vent Cowl 3"	pcs	1				
N.3.1	Plumbing Fixture Connection						
N.3.2	Floor Drain 4" Stainless Heavy Duty	pcs	4				
N.3.3	Floor Cleanout 4" PVC with Brass Cover	pcs	4				
N.3.4	P-Trap 2" PVC	pcs	2				
N.3.5	Lavatory Bottle Trap (Chrome)	pcs	1				
N.3.6	Flexible Water Connector (1/2" x 600 mm SS Braided)	pcs	4				
N.3.7	Angle Valve 1/2" (Chrome)	pcs	5				
N.3.8	PTFE Thread Seal Tape	roll	5				
N.3.9	Silicone Sealant (Sanitary Grade)	tube	2				
N.4.1	Grease Trap and Septic						
N.4.2	Heavy-Duty Grease Trap	unit	1				
N.4.3	Heavy-Duty Manhole Cover	pcs	2				
N.4.4	PVC Vent Pipe	pcs	4				
N.4.5	Vent Cap	pcs	2				
N.4.6	2" PVC Vent Elbow	pcs	2				
N.4.7	2" PVC Vent Tee	pcs	1				
N.4.8	2" PVC Coupling	pcs	2				
N.4.9	PVC Solvent Cement 250 ml	can	2				
N.4.10	Pipe Clamp / Saddle Clamp	pcs	12				
N.4.11	Flexible Rubber Coupling – Grease Trap Connection	pcs	2				

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N.4.12	Inspection Plug / Cleanout for Vent	pcs	1				
N.5.1	Termite Reticulation sytem						
N.5.2	1" Blue PVC Pipe (3 m/pc)	pcs	20				
N.5.3	1" PVC Elbow	pcs	12				
N.5.4	1" PVC End Cap	pcs	6				
N.5.5	1" PVC coupling	pcs	8				
N.6.1.	Consumable						
N.6.2	PVC Solvent Cement	can	6				
N.6.3	PVC Primer	can	2				
N.6.4	PTFE Tape	roll	4				
N.6.5	Pipe Clamp	pcs	40				
N.6.6	Pipe Strap	pcs	40				
N.6.7	Expansion Shield	pcs	40				
N.6.8	Injection Port with Threaded Cap	pcs	2				
O	TILES WORKS						
O.1	Main Floor Tiles 400×400 mm	box	82				
O.2	Kitchen Floor Tiles 400×400 mm	box	9				
O.3	Concessionaire Floor Tiles 400×400 mm	box	15				
O.4	CR Floor Tiles 300×300 mm	box	7				
O.5	Exterior Non-Skid Tiles 300×300 mm	box	55				
O.6	Kitchen Splash Board 300×600 mm	box	5				
O.7	CR Wall Tiles 300×600 mm	box	18				
O.8	ABC Ordinary Tile Adhesive (25 kg)	bag	30				
O.9	ABC Heavy Duty Tile Adhesive (25 kg)	bag	18				
O.10	Tile Spacers	pack	18				
O.11	Tile Grout (2kg)	bag	18				
P	WATERPROOFING						
P.1	Rayco Waterproofing (16 L)	pail	5				
P.2	Fiber Mesh (1 m × 50 m Roll)	roll	2				
P.3	Acryprime Masonry Primer (16 L)	pail	3				
Q	PAINTING WORKS						
Q.1.1	Exterior Painting						
Q.1.2	Paste-Type Skimcoat	pail	4				
Q.1.3	Rayco cement type	pail	5				
Q.1.4	Skimcoat powder	bag	7				
Q.1.5	Permacoat Semi-Gloss Latex	pail	5				
Q.1.6	Acrylic Thinner	gal	3				
Q.2.1	Ceiling Painting						
Q.2.2	Acryprime Primer	pail	2				

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Q.2.3	Permacoat Semi-Gloss Latex	pail	3				
Q.3.1	Steel Painting						
Q.3.2	Primer	gallon	6				
Q.3.3	Quick Dry Enamel	gallon	6				
Q.3.4	Paint Thinner	gallon	4				
Q.4.1	Miscellaneous						
Q.4.2	Sandpaper Assorted	pack	30				
Q.4.3	Roller Sleeve 9"	pcs	15				
Q.4.4	Roller Frame	pcs	6				
Q.4.5	Paint Tray	pcs	6				
Q.4.6	Paint Brush 2"	pcs	6				
Q.4.7	Paint Brush 4"	pcs	6				
Q.4.8	Masking Tape	roll	20				
Q.4.9	Plastic Drop Sheet	roll	5				
Q.4.10	Cleaning Rags	kg	8				
R	ELECTRICAL FIXTURES						
R.1	One Gang Switch	pcs	6				
R.2	Two Gang Switch	pcs	4				
R.3	Two Gang Convenience Outlet	pcs	12				
R.4	Two Gang GFCI Outlet	pcs	4				
R.5	One Gang Universal Outlet	pcs	3				
R.6	Surface LED Light Square 18W	pcs	13				
R.7	Pin Light 9W	pcs	9				
R.8	Exhaust Fan 26W	pcs	4				
R.9	Carrier FP-53CLV030308 (3HP Slim Inverter or equivalent)	unit	2				
R.10	Carrier Wall Mounted Split Type Inverter 1HP	unit	1				
R.11	Outdoor Unit Mounting Base	set	3				
R.12	Drain Hose & Insulation	lot	3				
R.13	TP-Link Tapo C210 Wi-Fi Camera (3MP)	pcs	5				
R.14	16-Channel Network Video Recorder (NVR)	unit	1				
R.15	4TB Surveillance Hard Drive	unit	1				
R.16	CAT6e UTP Cable (305 m/box)	box	1				
R.17	20 mm EMT Conduit	length	35				
R.18	25 mm EMT Conduit	length	8				
R.19	32 mm EMT Conduit	length	1				
R.20	EMT Connectors/Couplings	lot	1				
R.21	Pull Boxes	pcs	6				
R.22	RJ45 Connectors	pack	1				
R.23	Patch Cords	pcs	5				
R.24	8-Port Gigabit Switch	unit	1				
R.25	UPS 1000VA	unit	1				
R.26	KDK Industrial Ceiling Fan 56" (M56XR or Equivalent)	unit	2				

2/6

S	PLUMBING FIXTURES						
S.1	Water Closet Complete (one piece)	set	2				
S.2	Lavatory Complete	set	2				
S.3	Kitchen Faucet	pcs	1				
S.4	Sink Faucet	pcs	1				
S.5	Mirror 600x900	pcs	1				
S.6	Tissue Holder (SS304)	pcs	2				
S.7	Grab Bar 600mm SS	pcs	2				
S.8	Coat Hook	pcs	2				
S.9	Hand Dryer	pcs	1				
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T.1	D1 Double Swing Glass Door on Powder-Coated Aluminum Frame	set	2				
T.2	D2 Single Swing Solid Panel Wood Door, complete with jamb & hardware	set	2				
T.3	D3 Single Sliding Door, Aluminum Frame with Glass	set	1				
T.4	D4 Single Louvre Swing Door, complete with frame & hardware	set	1				
T.5	W1 Aluminum Frame Awning-Style Window	set	3				
T.6	W2 Aluminum Curtain Wall with Awning-Style Openings	set	1				
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T.8	W4 Aluminum Glass Awning Window – Kitchen	set	1				
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T.11	W7 Aluminum Glass Awning Window – Mess Hall	set	6				
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U	CABINET WORKS						
U.1	Base Cabinet (Powder-Coated Aluminum Frame with Aluminum Composite Panel Doors)	lm	6				

U.2	Wall Cabinet (Powder-Coated Aluminum Frame with ACP Doors)	lm	4				
U.3	Tall Pantry Cabinet (Powder-Coated Aluminum)	unit	1				
U.4	Reinforce and Tiled Countertop	sqm	6				
U.5	4 Burner Gas Stove	unit	1				
U.6	Double Bowl Stainless Steel Sink	set	1				
	Grand Total						

Total Labor Cost	₱
Total Material cost	₱
Sum total	₱

TECHNICAL SPECIFICATIONS

GENERAL REQUIREMENTS

All work shall comply with the approved plans, specifications, BOQ, applicable codes and standards, and the Architect's/Engineer's instructions.

Any discrepancy shall be reported to the Architect's/Engineer's before proceeding.

The Contractor shall provide all necessary labor, materials, equipment, tools, transportation, supervision, and incidentals for complete execution.

Drawings shall govern dimensions unless otherwise indicated.

All materials shall be new, defect-free, commercially available, and suitable for their intended use.

The Contractor shall verify site conditions and dimensions before construction or fabrication.

DIVISION 01 – GENERAL REQUIREMENTS

01.10.00 – Summary of Work

The work consists of the complete construction of the proposed single-storey canteen building, including:

- Site preparation and earthworks
- Reinforced concrete foundations
- Reinforced concrete columns and beams
- Reinforcing steel
- Concrete and formworks
- CHB wall construction
- Roof framing
- Roofing and gutters
- Fiber cement ceiling
- Doors and windows
- Floor and wall finishes
- Waterproofing
- Painting
- Plumbing and sanitary works
- Electrical works
- Lighting and power
- Air-conditioning provisions
- CCTV system
- Fire and life-safety accessories
- Kitchen and cabinet works
- Site development and external works
- Testing, commissioning and cleaning

01.20.00 – Price and Payment Procedures

The Contract Price shall include all labor, materials, equipment, tools, transportation, installation, testing, wastage, temporary works and incidental costs required for complete installation.



Quantities shown in the BOQ are estimates and shall be verified against the approved plans.

No additional payment shall be made for materials or accessories normally required for complete installation but omitted from the Contractor's procurement list.

01.30.00 – Administrative Requirements

The Contractor shall submit, as applicable:

- Work schedule
- Material samples
- Product data
- Shop drawings
- Structural fabrication drawings
- Door and window shop drawings
- Ceiling layout
- Plumbing layout
- Electrical layout
- Testing reports
- As-built drawings

01.40.00 – Quality Requirements

All materials shall comply with the applicable requirements of DPWH, ASTM, ACI, AASHTO, NSCP, Philippine Electrical Code, National Plumbing Code of the Philippines, Fire Code of the Philippines and other applicable regulations.

The applicable DPWH standard for building-related works shall be the current contractually adopted DPWH Standard Specifications, particularly Volume III and applicable quality-assurance provisions of Volume IV.

01.50.00– Temporary Facilities

Provide:

- Temporary site fencing
- Temporary site office
- Temporary water connection
- Temporary electrical connection
- Temporary lighting
- Safety barricades
- Warning signs
- Construction access
- Temporary storage areas

Temporary facilities shall be removed after completion unless otherwise directed.

01.70.00 – Execution Requirements

The Contractor shall protect completed work from damage.

Work shall be coordinated between trades to prevent conflicts, rework and unnecessary material wastage.

DIVISION 02 – EXISTING CONDITIONS / SITE CONSTRUCTION

02.10.00 – Site Preparation

Clear the construction area of debris, vegetation and unsuitable materials.



Establish building lines, benchmarks and elevations prior to excavation.

02.20.00 – Earthwork

Earthwork shall include:

- Structural excavation
- Tie-beam excavation
- Wall-footing excavation
- Selected filling
- Backfilling
- Compaction
- Gravel bedding

Excavated materials suitable for reuse may be stockpiled as directed.

Unsuitable materials shall be removed from the site.

02.30.00 – Excavation

Excavation shall conform to the dimensions and elevations shown on the structural drawings.

Bottoms of excavations shall be firm, level and free from loose material.

No foundation concrete shall be placed on disturbed or unsuitable soil.

02.40.00 – Soil Treatment

Provide approved soil termite treatment beneath slabs, around foundations and other locations shown on the plans.

Chemical treatment shall be applied strictly according to the manufacturer's instructions.

02.50.00 – Site Protection

Provide temporary drainage and protection against rainwater accumulation.

Protect adjoining properties and existing facilities from damage.

DIVISION 03 – CONCRETE

03.10.00 – Concrete Forming

Formwork shall be constructed using sound and reusable materials.

12 mm phenolic plywood may be reused where structurally and visually acceptable.

Forms shall be adequately supported, braced and aligned.

Forms shall be sufficiently tight to prevent excessive leakage of cement paste.

03.20.00 – Reinforcing Steel

Reinforcing steel shall be deformed bars conforming to the structural drawings and applicable standards.

Commercial bar lengths may be used where permitted by the structural design.

Provide:

- 10 mm deformed bars
- 12 mm deformed bars
- 16 mm deformed bars
- 20 mm deformed bars

Provide proper lap lengths, anchorage, hooks and bends as indicated by the structural drawings.

Reinforcement shall be supported using concrete spacers and rebar chairs.

03.30.00 – Cast-in-Place Concrete

Concrete shall be proportioned to achieve the design strength specified by the structural drawings.

Concrete materials shall consist of:

- Portland cement
- Clean washed sand
- Clean crushed gravel
- Potable or approved water

Concrete shall be thoroughly mixed and properly consolidated.

Mechanical vibration shall be used where necessary.

Concrete shall be protected and cured adequately after placement.

03.35.00 – Concrete Finishing

Exposed concrete surfaces shall be free of honeycombing and excessive voids.

Repair defective surfaces using approved repair materials.

03.60.00 – Grouting

Use non-shrink grout where required beneath base plates, steel supports and other structural connections.

DIVISION 04 – MASONRY

04.20.00 – Unit Masonry

Walls shall use:

- 5-inch CHB for exterior walls
- 4-inch CHB for interior partitions

CHB shall be sound, uniform and free from major cracks or defects.

Mortar shall consist of Portland cement, clean sand and water.

04.22.00 – Reinforced Masonry

Provide wall reinforcement where indicated.

Install reinforcement continuously and properly anchor to adjoining structural elements.

Provide concrete/grout filling at reinforced cells where indicated.

04.40.00 – Masonry Accessories

Provide:

- Wall ties where required
- Reinforcement
- GI tie wire
- Concrete nails
- PVC weep holes
- Lintels and reinforced openings as indicated

DIVISION 05 – METALS

05.10.00 – Structural Metal Framing

Roof framing shall consist primarily of steel angle bars and C-purlins.

Main roof framing shall use:

- **Top Chord:** 2L 65 × 65 × 6 mm
- **Bottom Chord:** 2L 65 × 65 × 6 mm
- **King Post:** 2L 65 × 65 × 6 mm
- **Web Members:** 2L 50 × 50 × 6 mm
- **C-purlins** C150 × 50 × 20 × 2.0 mm

No structural I-beam columns shall be used where the structural drawings indicate reinforced concrete columns.

05.12.00 – Roof Trusses

Fabricate roof trusses accurately according to approved shop drawings.

All connections shall be properly welded.

Provide gusset plates or equivalent connection plates where required by the structural design.

05.30.00 – Metal Deck/Light Metal Framing

Provide metal framing members necessary to support ceiling, fascia and other lightweight architectural elements.

05.50.00 – Metal Fabrications

Provide:

- Sag rods
- Roof framing accessories
- Metal brackets
- Steel supports
- Miscellaneous metal fabrications

05.51.00 – Metal Stairs and Railings

Provide steel railings and guardrails at ramps, stairs and elevated areas as shown.

Fabricate and install securely.

05.70.00 – Metal Finishes

Structural steel shall receive:



1. Surface preparation
2. Rust-inhibitive primer
3. Quick-dry enamel or approved equivalent finish coating

DIVISION 06 – WOOD, PLASTICS AND COMPOSITES

06.10.00 – Rough Carpentry

Coco lumber or equivalent shall be used only where indicated for temporary formwork and construction supports.

All lumber shall be reasonably straight, sound and free from excessive decay.

06.20.00 – Finish Carpentry

Wood components shall be properly cut, fitted and finished.

06.40.00– Architectural Plastic/Composite Components

Aluminum composite panels may be used for cabinet doors and selected architectural features where shown.

ACP shall be properly supported and mechanically secured.

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

07.30.00 – Roofing

Provide 0.60 mm pre-painted long-span roofing sheets.

Roof sheets shall be properly aligned and securely fastened to C-purlins.

Use roofing screws with neoprene washers.

07.60.00 – Flashing and Sheet Metal

Provide flashing at:

- Roof edges
- Eaves
- End conditions
- Wall intersections
- Roof penetrations
- Other locations indicated

Provide proper laps and sealed joints.

07.70.00 – Gutters and Downspouts

Provide pre-painted GI box gutters and 100 mm diameter downspouts.

Gutters shall be properly sloped toward downspouts.

All joints shall be watertight.

07.90.00 – Joint Sealants

Use approved neutral-cure silicone sealant at exterior joints, roofing accessories, glazing and other exposed joints.



07.10.00 – Waterproofing

Waterproofing shall be provided at designated wet areas and exposed masonry surfaces.

Rayco or approved equivalent waterproofing system may be used.

Apply substrate preparation, primer, waterproofing coat and reinforcing fiber mesh as required by the manufacturer's system.

DIVISION 08 – DOORS AND WINDOWS

08.10.00 – Doors

Provide doors according to the approved door schedule.

Door types include:

- D1 – Double swing glass door on aluminum frame
- D2 – Solid panel swing door
- D3 – Single sliding door
- D4 – Steel louvre door

The uploaded door/window schedule identifies D1 as double swing glass doors, D2 as solid panel doors, D3 as a sliding concessionaire door and D4 as a louvre gas-room door.

08.40.00 – Aluminum Windows

Provide powder-coated aluminum framed windows.

Window types include:

- W1 – Aluminum awning windows
- W2 – Aluminum curtain wall with awning openings
- W3 – Aluminum curtain wall with awning openings
- W4 – Aluminum awning window
- W5 – Comfort-room awning windows
- W6 – Aluminum sliding window
- W7 – Aluminum awning windows

Quantities and locations shall conform to the approved schedule.

08.80.00 – Glazing

Use:

- 10 mm tempered glass for glass doors where specified
- 6 mm clear glass for ordinary windows unless otherwise indicated

Glass shall be free of cracks, chips, distortion and visible defects.

Provide EPDM gaskets, setting blocks and compatible sealants.

DIVISION 09 – FINISHES

09.20.00 – Plaster and Cement Plaster

Apply cement plaster to masonry surfaces.

Surfaces shall be clean and properly dampened before plastering.



09.24.00 – Fiber Cement Ceiling

Provide fiber cement board ceiling at:

- Dining/Mess Hall, if included in the revised design
- Kitchen
- Commissary
- Wash Area
- Male Toilet
- Female Toilet

Where the Dining/Mess Hall remains an open exposed ceiling, ceiling materials shall be omitted from that area.

Use 4.5 mm fiber cement board mounted on metal furring and carrying channels.

Provide adequate suspension and bracing.

09.30.00 – Tiling

Provide tiles at:

- Main floor
- Kitchen
- Concessionaire
- Comfort rooms
- Exterior non-skid areas
- Kitchen backsplash
- CR wall areas

Use approved tile adhesive and grout.

Tile surfaces shall be level, aligned and properly bonded.

09.90.00 – Painting

Exterior Walls

Provide:

1. Surface preparation
2. Skim-coat where specified
3. Masonry primer
4. Approved exterior latex finish

Ceiling

Provide:

1. Joint treatment
2. Primer
3. Two finish coats or as required for uniform coverage

Steel

Provide:

1. Surface cleaning
2. Primer



3. Quick-dry enamel finish

DIVISION 10 – SPECIALTIES

10.14.00 – Signage

Provide building name sign and directional signage including:

- Entrance
- Exit
- Toilet identification
- Kitchen
- Commissary
- Other required area identification

Building name signage shall use economical ACP/acrylic construction unless otherwise specified.

10.44.00 – Fire Extinguishers

Provide portable fire extinguishers of appropriate type and capacity as required by the Fire Code and approved fire-safety plan.

Mount extinguishers in accessible and properly identified locations.

10.50.00 – Safety Accessories

Provide required safety signs, warning signs, barricades and identification labels.

DIVISION 11 – EQUIPMENT

11.40.00 – Food Service Equipment

Provide kitchen and concessionaire equipment indicated in the plans.

Equipment shall be durable and suitable for commercial food-service use.

11.50.00 – Exhaust and Ventilation Equipment

Provide exhaust fans at designated wet and service areas.

Equipment shall be securely mounted and properly connected to electrical power.

DIVISION 12 – FURNISHINGS

12.32.00 – Cabinets

Cabinet works shall use economical powder-coated aluminum construction.

Provide:

- Base cabinets
- Wall cabinets
- Tall pantry cabinet
- Aluminum framing
- ACP doors
- Standard hinges
- Standard handles
- Internal shelves

Cabinets shall be securely anchored to walls and floors.

12.36.00 – Countertops

Kitchen countertops may use reinforced concrete with ceramic tile finish as a budget-conscious alternative to stainless steel.

Provide:

- Reinforced concrete slab
- Proper support
- Tile finish
- Tile adhesive
- Grout
- Sealed joints

12.50.00 – Toilet Accessories

Provide:

- Tissue holders
- Soap dispensers
- Grab bars
- Coat hooks
- Mirrors
- Waste bins
- Other accessories shown in the approved schedule

DIVISION 13 – SPECIAL CONSTRUCTION

13.10.00 – Special Architectural Features

Special architectural features shown on the approved elevation shall be constructed using economical and readily available materials.

Where decorative façade elements are required, they shall be properly anchored to the structural frame.

13.20.00 – Decorative Screens

Provide decorative concrete/louver blocks where indicated on the architectural elevation.

Louver blocks shall be properly aligned, securely installed and adequately supported.

DIVISION 14 – CONVEYING SYSTEMS

14.00.00 – Conveying Equipment

No elevator or other permanent conveying system is included in the current project scope.

Provide only accessibility ramps, handrails and required circulation elements shown on the approved drawings.

DIVISION 15 – MECHANICAL

15.10.00 – Plumbing

Provide complete cold-water distribution using PPR pipes and fittings.

Pipe sizes shall follow the approved plumbing drawings.

Provide:

- Main waterline
- Branch waterlines
- Valves
- Unions
- Adapters
- Hose bibbs
- Pipe supports
- Clamps

15.20.00 – Sanitary and Wastewater

Provide PVC sanitary and waste piping.

Provide proper slope and support.

All drainage piping shall be tested for leakage before concealment.

15.30.00 – Storm Drainage

Provide stormwater drainage system including:

- Roof gutters
- Downspouts
- Storm drainage pipes
- Catch points
- Connections

15.40.00 – Plumbing Fixtures

Provide:

- Water closets
- Lavatory
- Faucets
- Floor drains
- P-traps
- Bottle traps
- Angle valves
- Flexible hoses
- Cleanouts

Fixtures shall be properly sealed and tested.

15.50.00 – Grease Trap

Provide heavy-duty grease trap for kitchen wastewater.

Grease trap shall be accessible for cleaning and maintenance.

15.60.00 – Septic and Sanitary Disposal

Provide septic system and manholes according to the approved plumbing plans.

Manhole covers shall be heavy duty and securely seated.



15.70.00 – Termite Reticulation

Provide termite control pipe system using:

- 1-inch blue PVC pipe
- 1-inch PVC elbows
- End caps
- Injection ports where shown

Pipework shall be installed before final concealment and tested for continuity.

15.80.00 – Air Conditioning

Provide split-type air-conditioning systems as indicated.

Provide:

- Refrigerant piping
- Pipe insulation
- Drain hose
- Condensing unit support
- Outdoor mounting bases
- Electrical connection

All refrigerant piping shall be properly insulated and pressure-tested.

15.90.00 – Ventilation

Provide exhaust fans and other ventilation equipment shown on the approved mechanical/electrical drawings.

DIVISION 16 – ELECTRICAL

16.10.00– Basic Electrical Requirements

Electrical installation shall comply with the latest applicable Philippine Electrical Code and requirements of the local electrical utility.

All electrical work shall be performed by appropriately licensed personnel.

16.20.00 – Wires and Cables

Provide copper THHN conductors of the sizes indicated on the electrical drawings.

Typical conductors include:

- 3.5 mm² THHN
- 5.5 mm² THHN
- 14 mm² grounding conductor

Conductors shall be properly identified by color.

16.30.00 – Raceways

Provide PVC electrical conduits and EMT conduits as indicated.

Provide complete fittings including:

- Couplings



- Male adapters
- Bushings
- Locknuts
- Junction boxes
- Utility boxes
- Pull boxes

16.40.00 – Panel boards and Circuit Protection

Provide surface-mounted panel board with:

- Main MCCB
- Branch MCBs
- Proper grounding
- Circuit identification
- Weatherproof enclosure where required

All breakers shall have appropriate interrupting capacity.

16.50.00 – Grounding

Provide grounding system consisting of:

- Copper-clad ground rods
- Ground rod clamps
- Grounding conductors
- Grounding connections

Grounding resistance shall comply with applicable electrical requirements.

16.60.00 – Lighting

Provide:

- Surface LED lights
- Pin lights
- Track lights where indicated
- Exterior lights where indicated

Lighting fixtures shall be securely mounted and properly wired.

16.70.00 – Convenience Outlets

Provide convenience outlets, GFCI outlets and dedicated outlets as shown.

GFCI protection shall be provided in wet areas.

16.80.00 – Fans

Provide suspended/industrial ceiling fans where indicated by the revised ceiling and mechanical design.

Fans shall be securely supported independently from lightweight ceiling boards.

16.90.00 – CCTV and Data

Provide:

- TP-Link or approved equivalent IP cameras

- NVR
- Surveillance hard drive
- CAT6/CAT6e cable
- RJ45 connectors
- Network switch
- Patch cords
- UPS

CCTV wiring shall be properly protected and labeled.

EXECUTION AND QUALITY CONTROL

Inspection

The Contractor shall notify the Engineer before covering or concealing:

- Reinforcing steel
- Footings
- Embedded conduits
- Plumbing pipes
- Electrical conduits
- Roof framing connections
- Waterproofing
- Ceiling suspension system

Testing

Testing shall include, where applicable:

- Concrete quality tests
- Reinforcement inspection
- Plumbing pressure test
- Sanitary drainage test
- Waterproofing inspection
- Electrical insulation testing
- Grounding test
- Lighting and power testing
- Air-conditioning testing
- CCTV system testing

Defective Work

Any work found defective, improperly installed or not conforming to the approved plans shall be corrected by the Contractor at no additional cost to the Owner.

MATERIAL SUBSTITUTION

No material substitution shall be made **without prior approval.**

Proposed substitutes shall have equal or better performance, durability and suitability than the specified material.

Economical alternatives may be considered where they **do not reduce:**

- Structural safety
- Fire safety
- Sanitation
- Accessibility
- Durability
- Required performance



- Architectural intent

PROTECTION AND CLEANING

The Contractor shall protect completed works from damage.

Upon completion, all floors, walls, ceilings, windows, doors, plumbing fixtures, electrical fixtures and equipment shall be cleaned.

Construction debris shall be removed from the premises.

The site shall be turned over in a clean and usable condition.

MEASUREMENT AND PAYMENT

Unless specifically stated otherwise, payment for each work item shall include:

- Materials
- Labor
- Equipment
- Transportation
- Fabrication
- Installation
- Fasteners
- Accessories
- Consumables
- Testing
- Wastage
- Cleaning

Measurement shall generally be based on the actual completed and accepted quantity in the appropriate unit shown in the BOQ.

No separate payment shall be made for incidental materials required to complete a specified work.

PROJECT COST CONTROL REQUIREMENT

The project shall be executed with value engineering as a controlling principle.

The Contractor shall prioritize:

1. Locally available materials
2. Commercially available sizes
3. Standard fabrication
4. Reusable temporary materials
5. Minimal material wastage
6. Economical finishes
7. Proper sequencing of work
8. Competitive procurement

Value engineering **shall not compromise** structural integrity, fire safety, sanitation, accessibility or required performance.

PRICE AND ESTIMATE DISCLAIMER

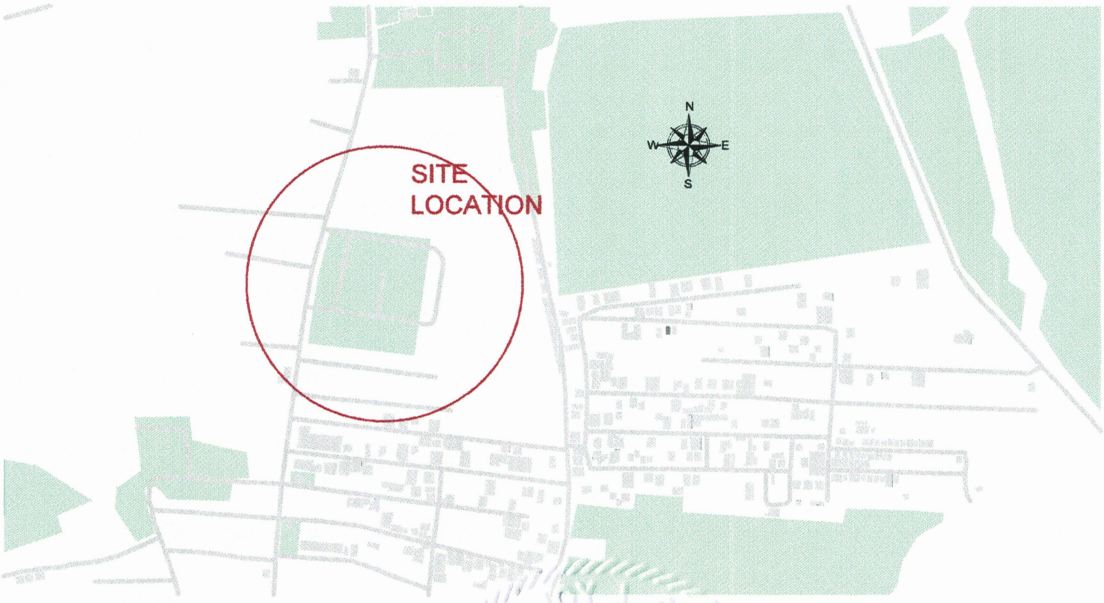
This specification and BOQ are based on the approved design and prevailing market prices at the time of preparation. Material, labor, equipment, and transportation costs are subject to market fluctuations, supplier availability, inflation, and other economic factors. Final procurement costs shall be based on actual **prevailing prices at the time of purchase**.





AR-1-1 PERSPECTIVE

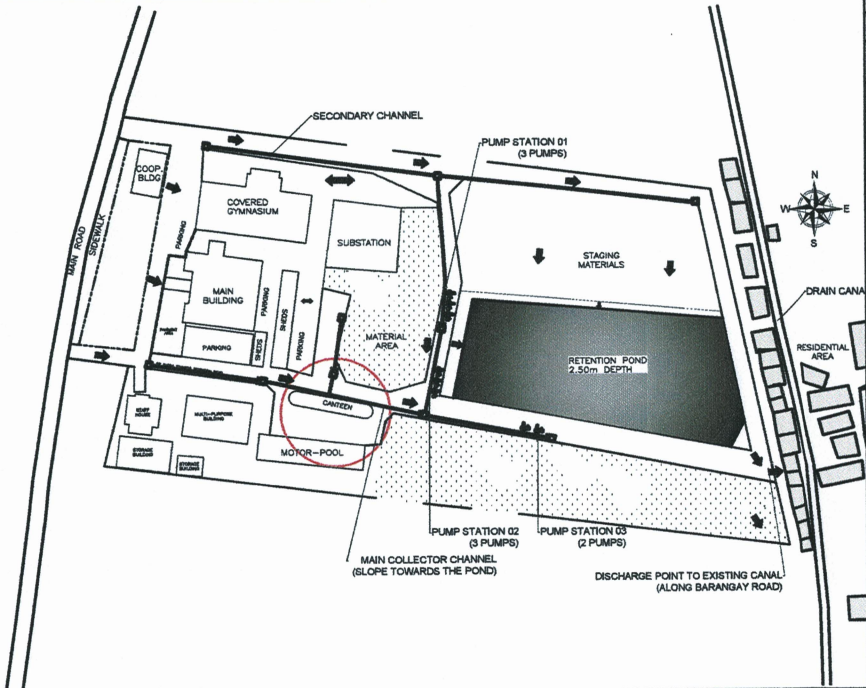
NTS



COORDINATES - 15.597594113275642, 120.92142984616504

VICINITY MAP

NTS



SITE DEVELOPMENT PLAN

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REPUBLIC OF THE PHILIPPINES

DPWH

OFFICE OF THE
BUILDING OFFICIALS

DISTRICT / MUNICIPALITY / CITY

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MECHANICAL

SANITARY



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL
PRINCIPAL ARCHITECT

PRC REG NO.: 52886 TIN: 789-848-148
PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026
IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY

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AR. OLIVER B. DIAMANTE

ARCHITECT

PRC REG NO.: 0034553 TIN: 438-362-276-000
PTR NO.: CBN-2042928 DATE ISSUED: 01/10/2026
ISSUED AT: CAB. CITY

PROJECT NAME:

Kapatiran: Proposed Construction of a
Single-Storey Canteen Building

LOCATION:

Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)

PROJECT OWNER:

ENGR. NELSON M. DELA CRUZ
GENERAL MANAGER

CAD BY:

AR. DIAMANTE

CHECKED BY:

-

DATE:

07/31/2026

SHEET NO.:

A1



EXTERIOR PERSPECTIVE



COMMISSARY



WASH AREA AND COMFORT ROOMS



KITCHEN



MESS HALL

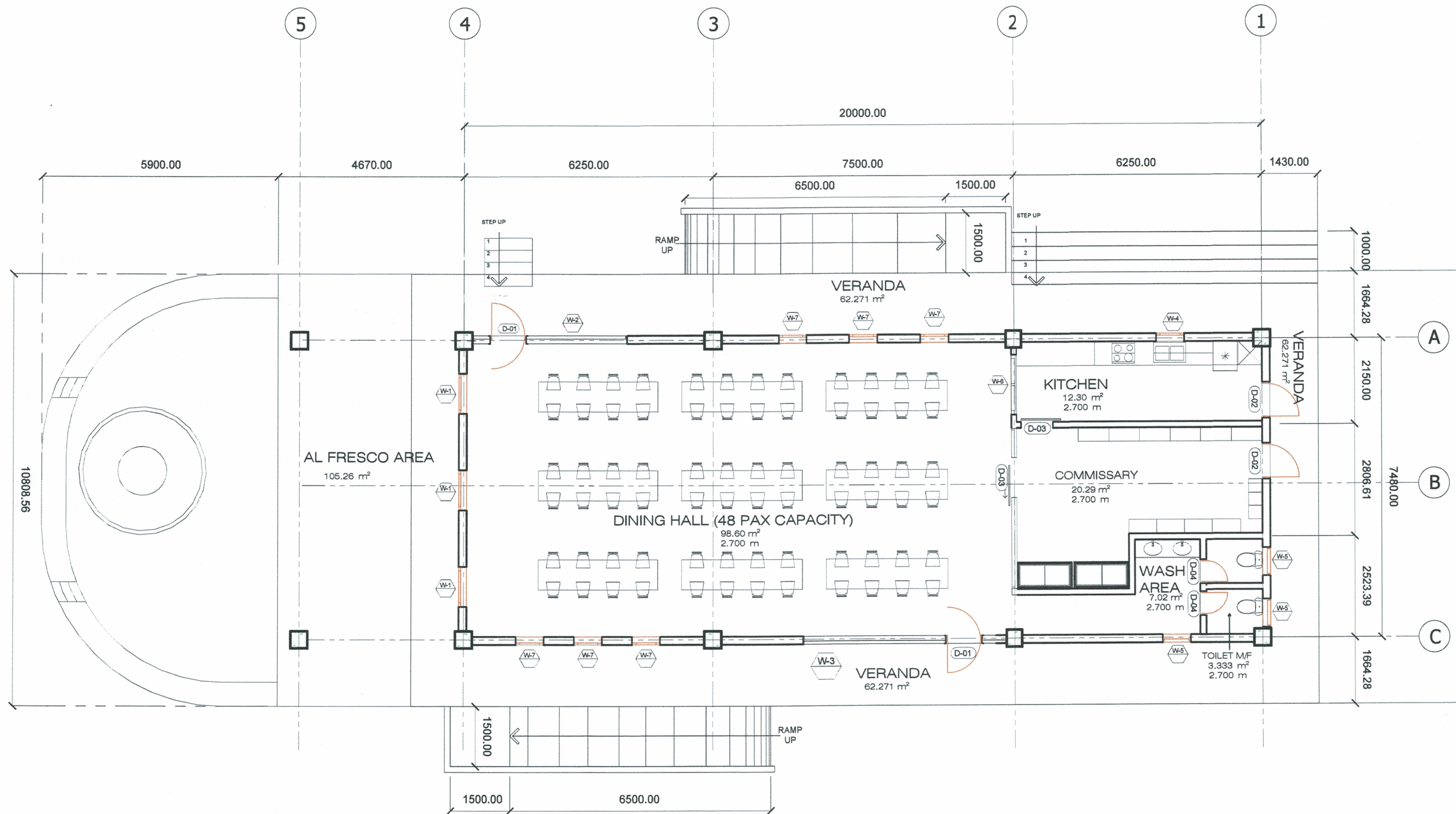


MESS HALL

PERSPECTIVES

 DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	 AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		IMPORTANT NOTE: These drawings as instruments of service and as such remain the property of the Architect. No copies or reproductions of these drawings are permitted without the consent of the Architect. If reused without permission, the Architect shall be indemnified and held harmless from all liability, legal, exposure, claims, damages, losses and expenses. These drawings shall not be used for issuance of a building permit unless signed and sealed by the Architect. Upon completion of the work, all the drawings (except the contract copies) are to be returned to the Architect.	AR. OLIVER B. DIAMANTE		PROJECT NAME:		PROJECT OWNER:		SHEET NO.: A2	
				ARCHITECT		Kapatiran: Proposed Construction of a Single-Storey Canteen Building		ENGR. NELSON M. DELA CRUZ GENERAL MANAGER			
	PRC REG NO.: 52886 TIN: 799-848-148			PRC REG NO.: 0034553 TIN: 438-362-276-000		LOCATION:		CAD BY:	CHECKED BY:		DATE:
	PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026			PTR NO.: CBN-2042928 DATE ISSUED: 01/10/2026		Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)		AR. O. DIAMANTE	-		07/31/2026
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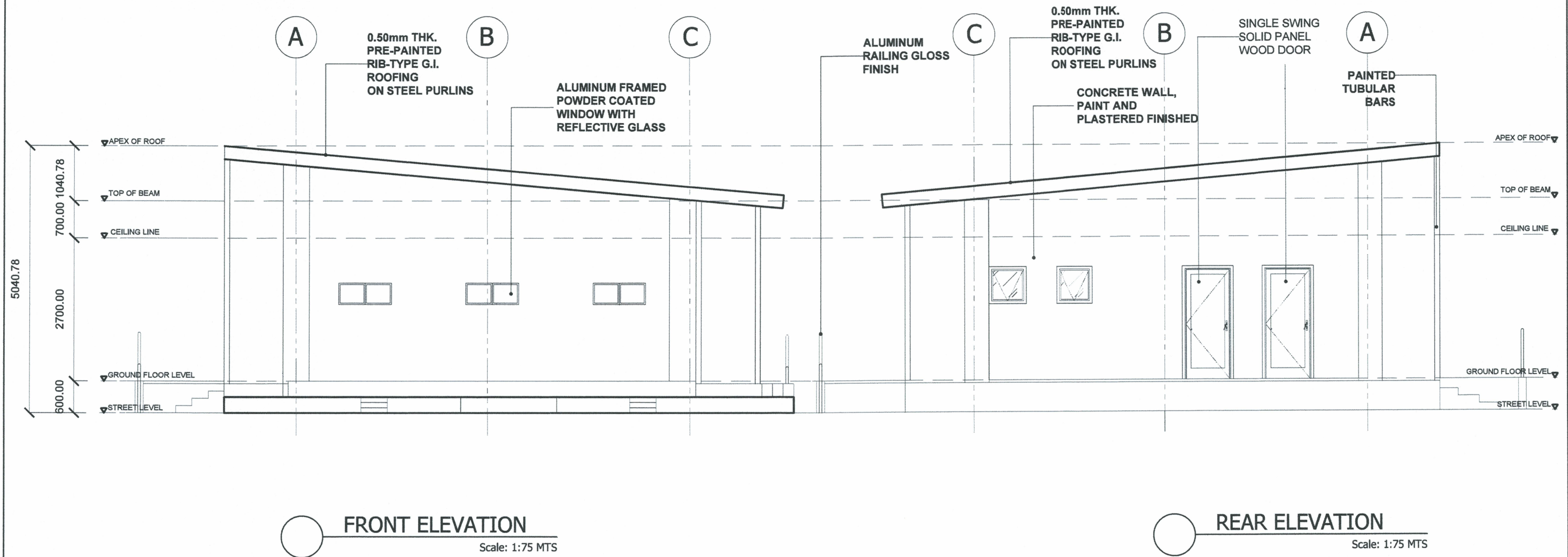
GROUND FLOOR PLAN

Scale: 1:100 MTS

DINING HALL	98.60	SQM
KITCHEN	12.30	SQM
COMMISSARY	20.29	SQM
TOILET	3.33	SQM
WASH AREA AND TOILETS	7.58	SQM
VERANDA	194.64	SQM
AL FRESCO AREA	105.26	SQM

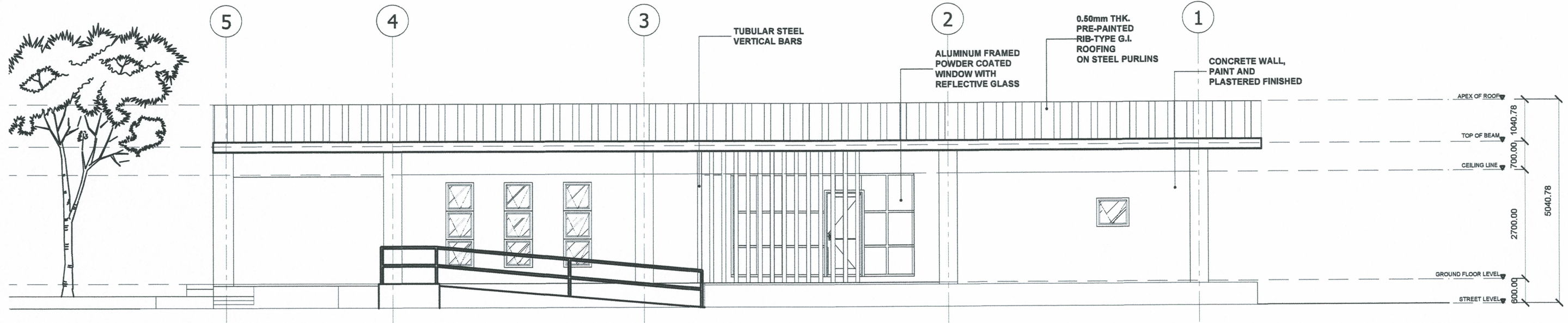
DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		AR. OLIVER B. DIAMANTE ARCHITECT		PROJECT NAME:	PROJECT OWNER:		SHEET NO.:
	PRC REG NO.: 52886	TIN: 789-846-148	PRC REG NO.: 0034553	TIN: 438-362-276-000	Kapatiran: Proposed Construction of a Single-Storey Canteen Building	ENGR. NELSON M. DELA CRUZ		A3
	PTR NO.: CBN - 2050118	DATE ISSUED: 01/09/2026	PTR NO.: CBN-2042928	DATE ISSUED: 01/10/2026	LOCATION:	CAD BY:	CHECKED BY:	
	IAPOA NO.: 54752	ISSUED AT: CABANATUAN CITY	ISSUED AT: CAB. CITY	Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)	AR. DIAMANTE	-	07/31/2026	

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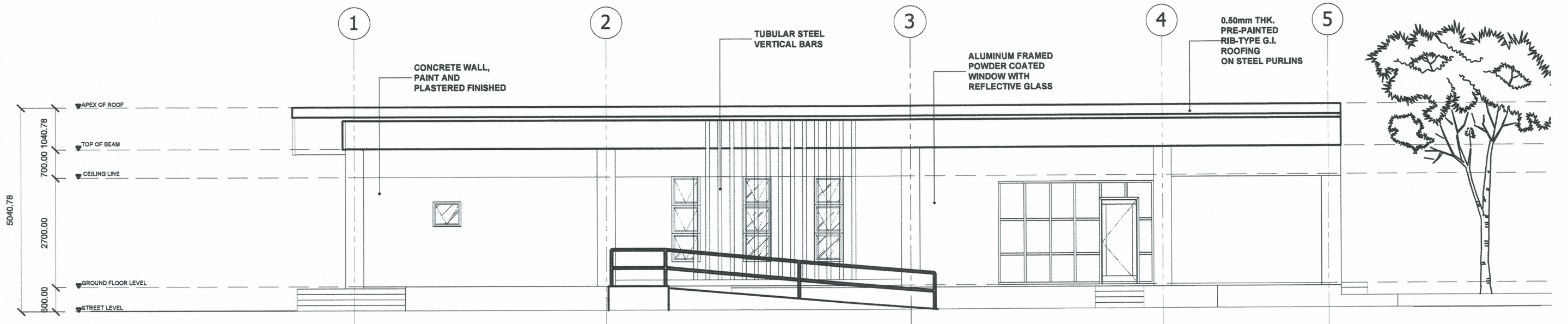


 DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		AR. OLIVER B. DIAMANTE ARCHITECT		PROJECT NAME:	PROJECT OWNER:	A4
	PRC REG NO.: 52866	TIN: 769-846-146	PRC REG NO.: 0034553	TIN: 438-362-278-000	Kapatiran: Proposed Construction of a Single-Storey Canteen Building		ENGR. NELSON M. DELA CRUZ GENERAL MANAGER
	PTR NO.: CBN - 2050118	DATE ISSUED: 01/09/2026	PTR NO.: CBN-2042928	DATE ISSUED: 01/10/2026	LOCATION:	CAD BY:	CHECKED BY:
	IAPOA NO.: 54752	ISSUED AT: CABANATUAN CITY	ISSUED AT: CAB. CITY	Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)	AR. O. DIAMANTE	-	07/31/2026

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AR-5-1 RIGHT SIDE ELEVATION
Scale: 1:100 MTS



AR-5-2 LEFT SIDE ELEVATION
Scale: 1:100 MTS



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY V. GABRIEL

PRINCIPAL ARCHITECT

PRC REG NO.: 52886 TIN: 789-846-148

PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026

IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY

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AR. OLIVER B. DIAMANTE

ARCHITECT

PRC REG NO.: 0034553 TIN: 438-362-278-000

PTR NO.: CBN-2042928 DATE ISSUED: 01/10/2026

ISSUED AT: CAB. CITY

PROJECT NAME:

Kapatiran: Proposed Construction of a
Single-Storey Canteen Building

LOCATION:

Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)

PROJECT OWNER:

ENGR. NELSON M. DELA CRUZ

GENERAL MANAGER

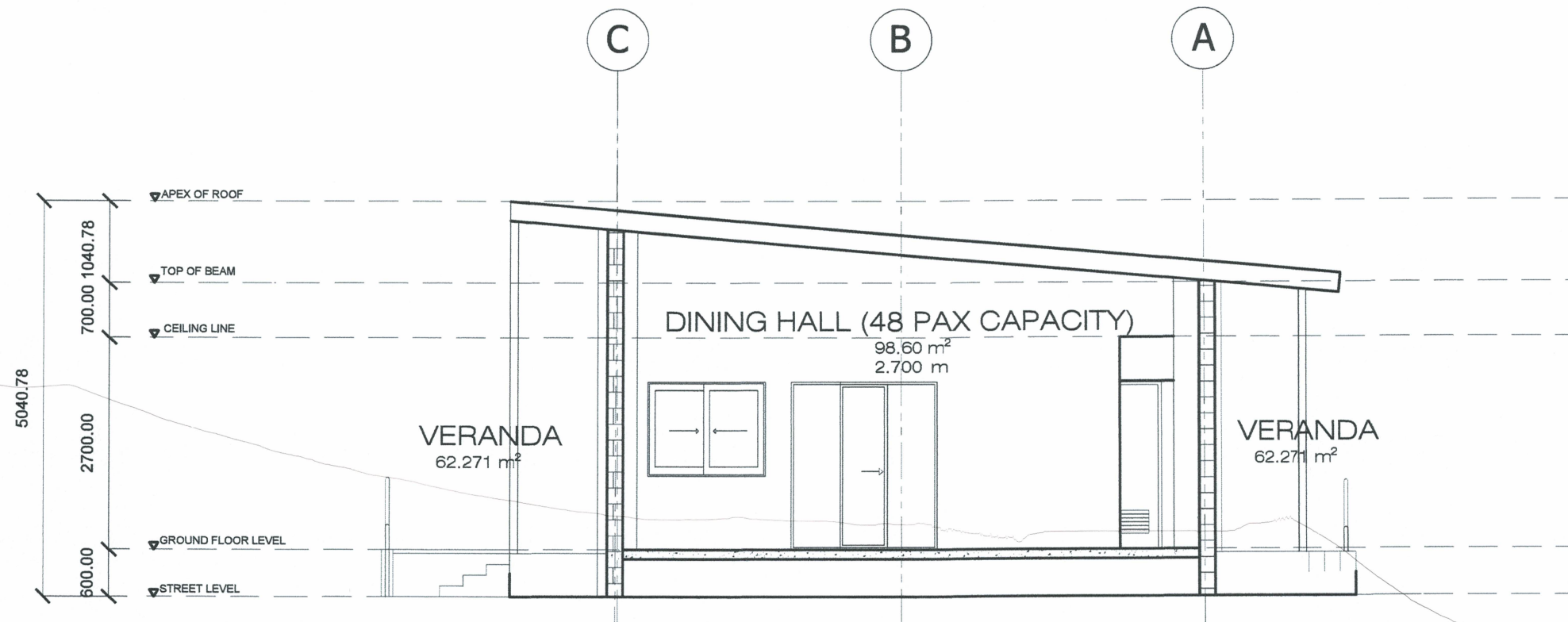
CAD BY: AR. DIAMANTE

CHECKED BY: -

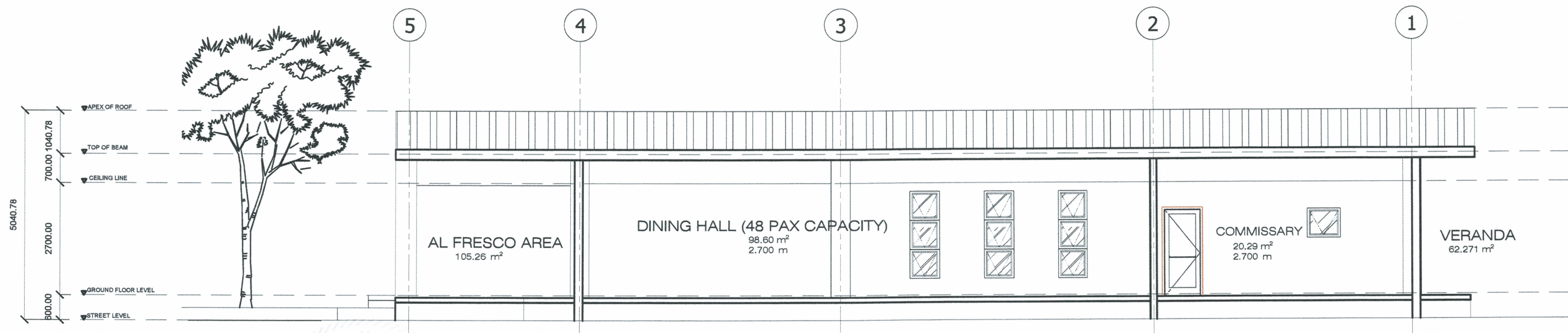
DATE: 07/31/2026

SHEET NO.:

A5



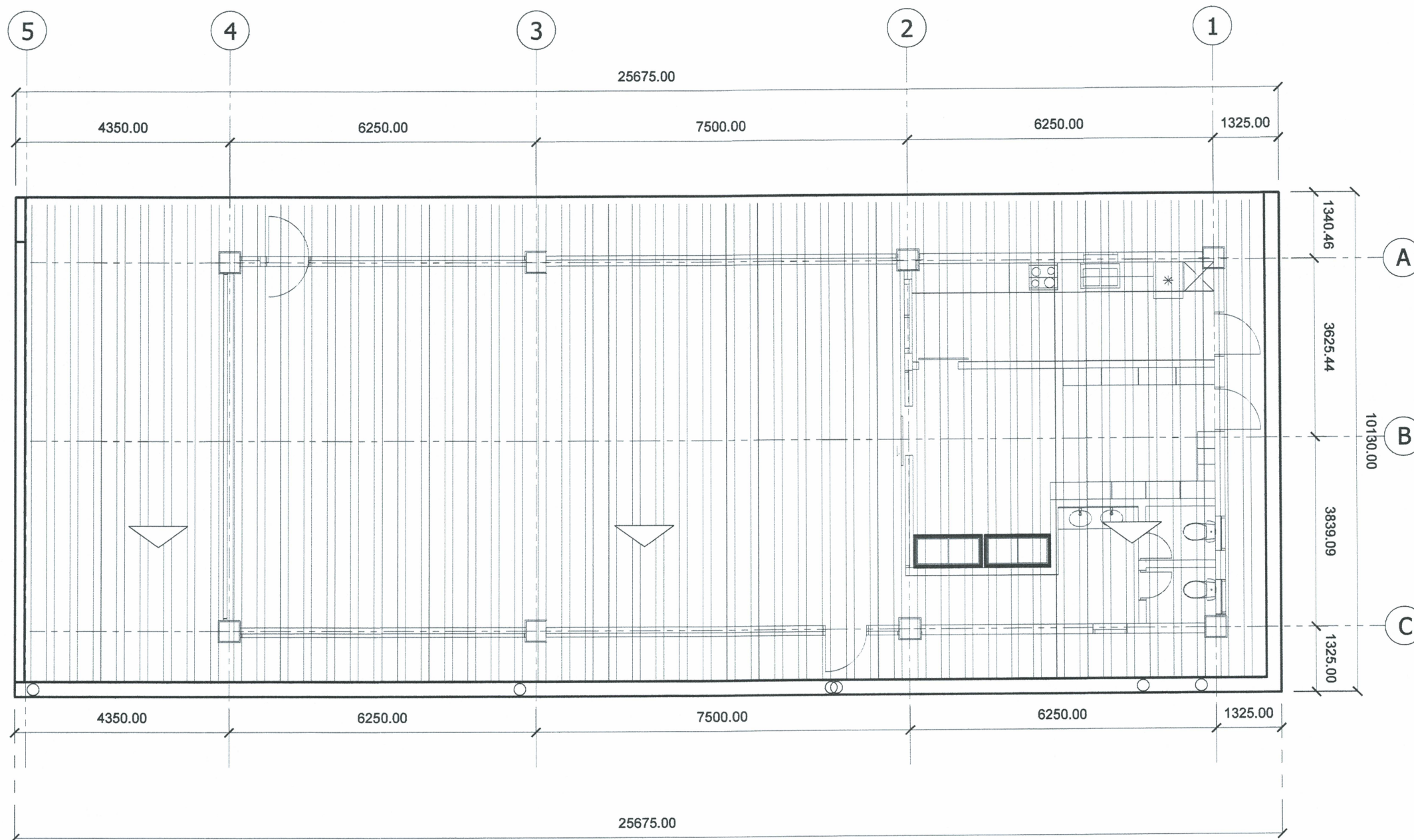
A-6-1 CROSS SECTIONAL CUT
Scale: 1:75 MTS



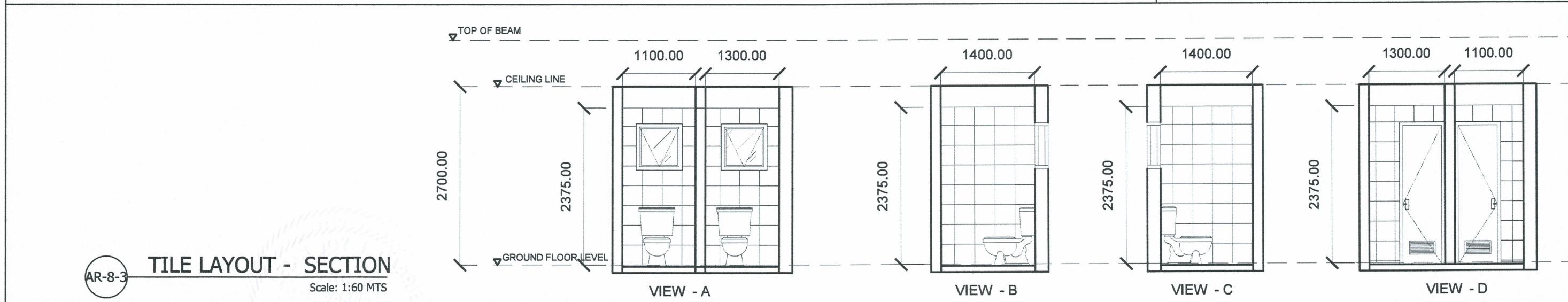
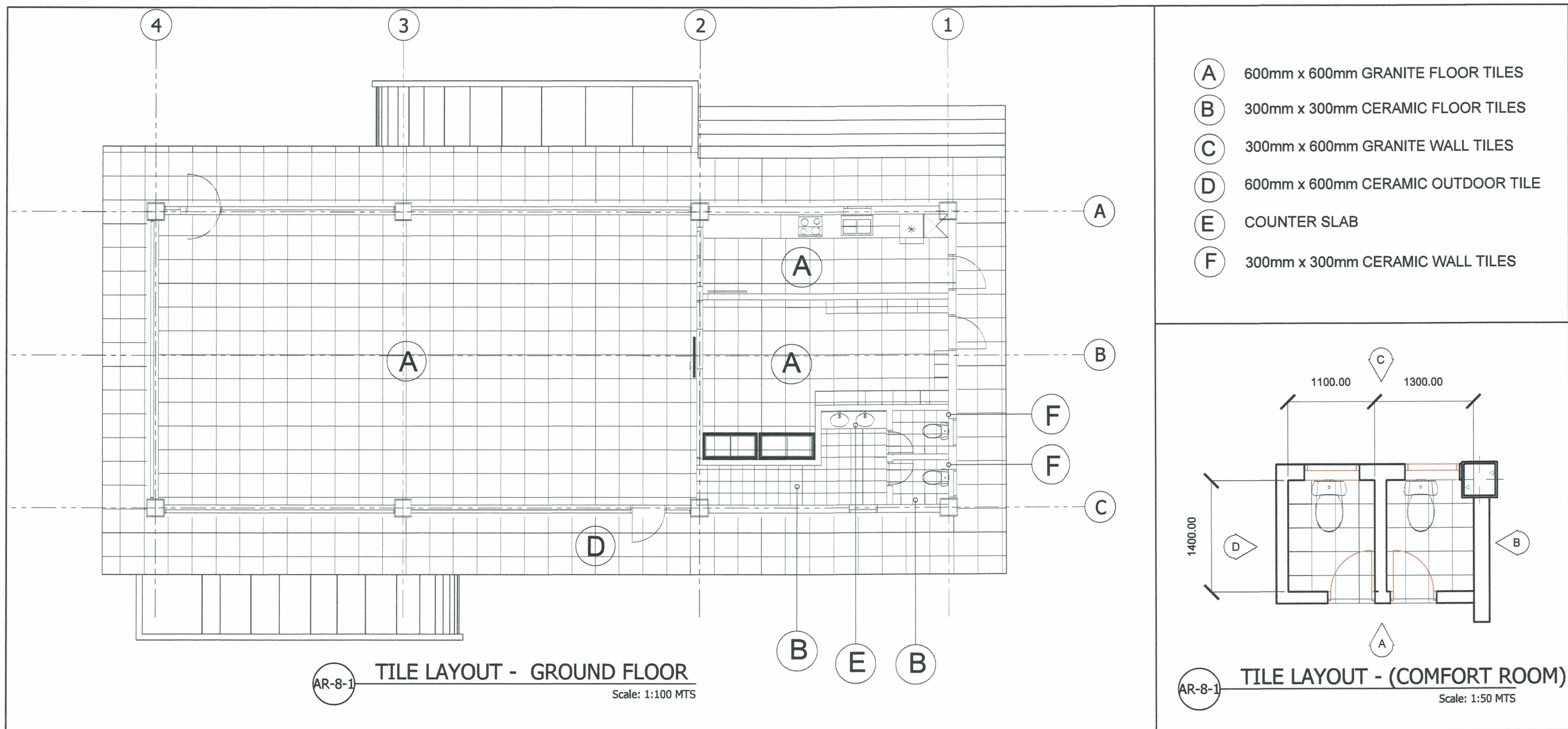
A-6-2 LONGITUDINAL SECTIONAL CUT
Scale: 1:100 MTS

 DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		AR. OLIVER B. DIAMANTE ARCHITECT		PROJECT NAME: Kapatiran: Proposed Construction of a Single-Storey Canteen Building		PROJECT OWNER: ENGR. NELSON M. DELA CRUZ GENERAL MANAGER		SHEET NO.: A6		
	PRC REG NO.: 52886 TIN: 769-846-146		PRC REG NO.: 0034553 TIN: 438-362-276-000		LOCATION: Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)		CAD BY: AR. DIAMANTE			CHECKED BY: -	DATE: 07/31/2026
	PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026		PTR NO.: CBN-2042928 DATE ISSUED: 01/10/2026								
	IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY		ISSUED AT: CAB. CITY								

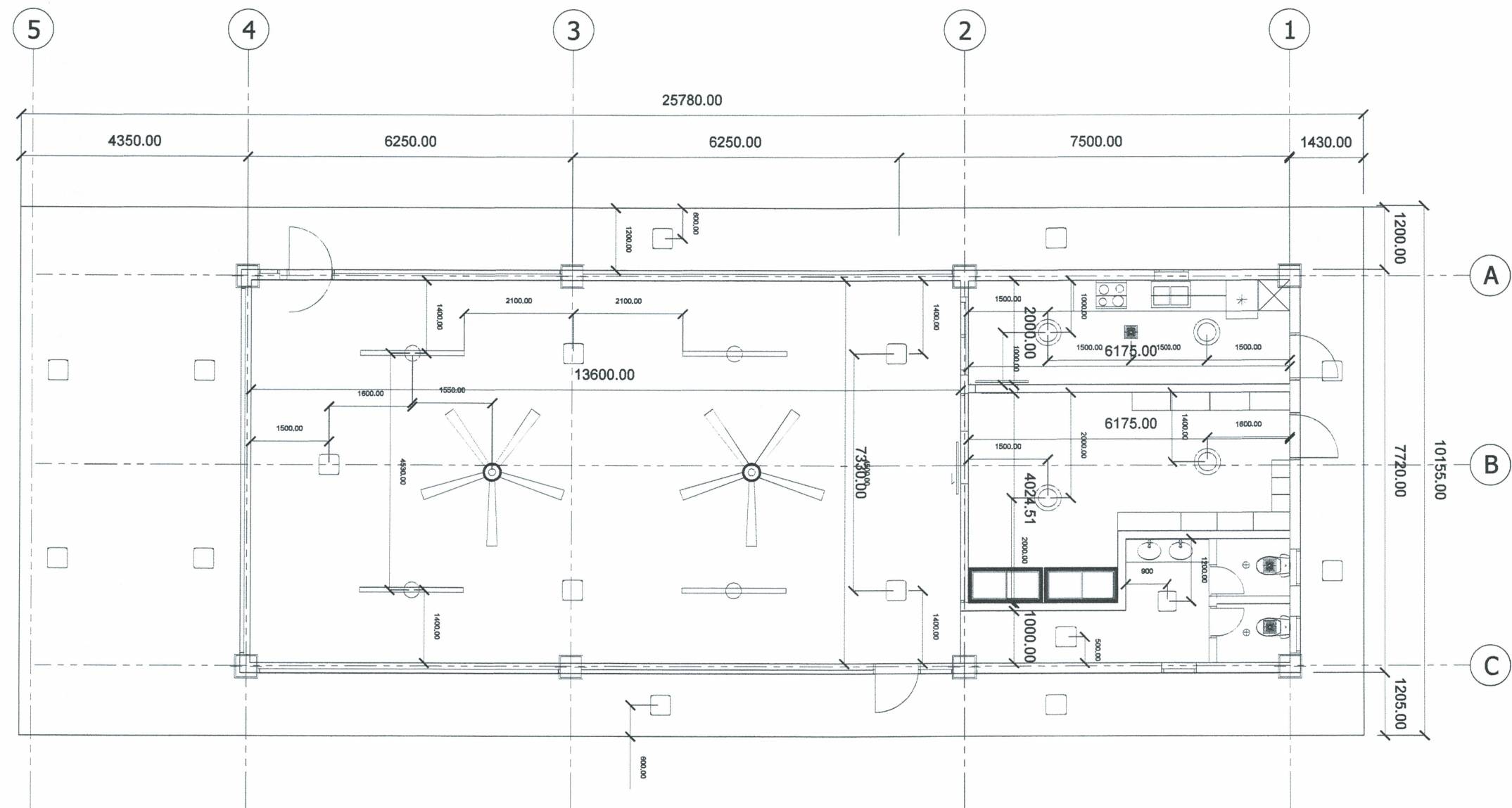
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AR-7-1 ROOF PLAN
Scale: 1:100 MTS



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	PRC REG NO.: 52886 TIN: 769-846-146				PRC REG NO.: 0034553 TIN: 438-362-276-000		Kapatiran: Proposed Construction of a Single-Storey Canteen Building		ENGR. NELSON M. DELA CRUZ GENERAL MANAGER		A7					
	PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026				PTR NO.: CBN-2042928 DATE ISSUED: 01/10/2026		LOCATION:		CAD BY: AR. O. DIAMANTE				CHECKED BY: -		DATE: 07/31/2026	
	IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY				ISSUED AT: CAB. CITY		Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)									



LEGEND AND SYMBOLS:	
	SURFACE LIGHT SQUARE
	TRACK LIGHT
	PIN LIGHT
	EXHAUST FAN

AR-5-1 REFLECTED CEILING PLAN
Scale: 1:100 MTS

W1 DOOR TYPE: ALUMINUM FRAME AWNING STYLE WINDOW LOCATION: MESS HALL SET REQUIRED: 3 SETS	W2 DOOR TYPE: ALUMINUM FRAME CURTAIN WALL WITH AWNING STYLE OPENINGS LOCATION: MESS HALL SET REQUIRED: 1 SET	W3 DOOR TYPE: ALUMINUM FRAME CURTAIN WALL WITH AWNING STYLE OPENINGS LOCATION: MESS HALL SET REQUIRED: 1 SET	W4 WINDOW TYPE: ALUMINUM GLASS AWNING WINDOW LOCATION: KITCHEN SET REQUIRED: 1 SET	W5 WINDOW TYPE: ALUMINUM GLASS AWNING WINDOW LOCATION: COMFORT ROOMS SET REQUIRED: 3 SETS

W6 WINDOW TYPE: ALUMINUM GLASS SLIDING WINDOW LOCATION: KITCHEN SET REQUIRED: 1 SET	W7 WINDOW TYPE: ALUMINUM GLASS AWNING WINDOW LOCATION: MESS HALL SET REQUIRED: 6 SETS	D1 DOOR TYPE: DOUBLE SWING GLASS DOOR ON ALUMINUM FRAME LOCATION: DINING HALL SET REQUIRED: 2 SETS	D2 DOOR TYPE: SINGLE SWING SOLID PANEL WOOD DOOR LOCATION: KITCHEN, CONCESSIONAIRE SET REQUIRED: 2 REVERSE RIGHT HAND	D3 DOOR TYPE: SINGLE SLIDING DOOR LOCATION: CONCESSIONAIRE SET REQUIRED: 1 SET	D4 DOOR TYPE: LOUVRE SINGLE SWING DOOR LOCATION: GAS ROOM SET REQUIRED: 1 RIGHT HAND REVERSE SWING SETS

AR-5-2 **DOORS AND WINDOW SCHEDULE AND DETAIL**
Scale: 1:60 MTS

 DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		IMPORTANT NOTE: These drawings as instruments of service and as such remain the property of the Architect. No copies or reproductions of these drawings are permitted without the consent of the Architect. If reused without permission, the Architect shall be indemnified and held harmless from all liability, legal, exposure, claims, damages, losses and expenses. These drawings shall not be used for issuance of a building permit unless signed and sealed by the Architect. Upon completion of the work, all the drawings (except the contract copies) are to be returned to the Architect.	AR. OLIVER B. DIAMANTE ARCHITECT		PROJECT NAME:	PROJECT OWNER:		SHEET NO.: A5	
	PRC REG NO.: 52386 TIN: 788-846-148			PRC REG NO.: 0034553 TIN: 438-362-276-000		Kapatiran: Proposed Construction of a Single-Storey Canteen Building		ENGR. NELSON M. DELA CRUZ GENERAL MANAGER		
	PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026			PTR NO.: CBN-2042928 DATE ISSUED: 01/10/2026		LOCATION:		CAD BY: CHECKED BY: DATE:		
	IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY			ISSUED AT: CAB. CITY		Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)		AR. O. DIAMANTE - 07/31/2026		

CONSTRUCTION NOTES

CONSTRUCTION NOTES ARE SUPPLEMENTAL TO AND FORM PART OF THE PLANS, DRAWINGS & SPECIFICATIONS. WHERE DETAILS OR REQUIREMENTS ARE NOT COVERED BY THE PLANS OR SPECIFICATIONS, THESE GENERAL CONSTRUCTION NOTES SHALL BE USED INsofar AS THEY ARE APPLICABLE TO SATISFY REQUIREMENTS OF GOOD CONSTRUCTION PRACTICE. IN CASE OF QUESTIONS ARISING FROM THE INTERPRETATION OF OR CONFLICT WITH OTHER DOCUMENTS, THE ATTENTION OF THE OWNER/ENGINEERS MUST BE CALLED IN WRITING.

A. GENERAL

- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- 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.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE. INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACING TO THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.
- IN REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN WALLS AND SLABS, INTERIOR PARTITIONS, LOCATION OF DRAINS, ETC.
- IN CASE OF DISCREPANCIES AS TO THE LAYOUT DIMENSIONS AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS AND OTHER DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEERS AND THE OWNER'S REPRESENTATIVE OR SITE ENGINEER IN WRITING BEFORE PROCEEDING WITH AFFECTED WORK.

B. CONCRETE AND REINFORCEMENT

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318) FOR REINFORCED CONCRETE & STRUCTURAL STEEL WORK SHALL CONFORM WITH THE LATEST EDITION OF THE A.I.S.C. SPECIFICATIONS IN SO FAR AS THEY DO NOT CONFLICT WITH THE REQUIREMENTS OF THE NATIONAL STRUCTURAL CODE FOR BUILDINGS AND LOCAL CODES.

- 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. AGGREGATE SIZE	MAX. SLUMP
FOUNDATION & RETAINING WALLS	3000 psi (20.7 MPa)	1 in. (25 mm)	5 in. (130 mm)
COLUMNS & BEAMS ON GROUND	3000 psi (20.7 MPa)	3/4 in. (19 mm)	5 in. (130 mm)
SUSPENDED BEAMS	3000 psi (20.7 MPa)	3/4 in. (19 mm)	5 in. (130 mm)
SUSPENDED SLABS	3000 psi (20.7 MPa)	3/8 in. (10 mm)	5 in. (130 mm)
CURBS AND SLAB ON GRADE	2500 psi (17.2 MPa)	1 in. (25 mm)	4 in. (100 mm)
MOULDINGS	3000 psi (20.7 MPa)	3/8 in. (10 mm)	5 in. (130 mm)

- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615. USE GRADE 40 FOR Ø18mm & SMALLER, GRADE 60 FOR REBARS Ø20mm & BIGGER. ALL BARS 12mmØ AND BIGGER SHALL BE DEFORMED. BARS SMALLER THAN 12mmØ MAY BE PLAIN BARS.

- BARS OF REINFORCED CONCRETE EXPOSED TO THE WEATHER SHALL PREFERABLY BE PROTECTED AT LEAST 38mm AND IN NO CASE LESS THAN 25mm CONCRETE COVER. THIS PROVISION MAY BE WAIVED WHEN ADEQUATE WATERPROOFING IS PROVIDED BUT SHALL IN NO CASE BE LESS THAN 20mm.

- IN GENERAL, THE LATEST EDITION OF ACI-315, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.

- MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS.

SUSPENDED SLABS	3/4 in. (19mm)
SLAB ON GRADE	1 1/2 in. (38mm)
WALLS ABOVE GRADE	1 in. (25mm)
BEAM STIRRUPS AND COLUMN TIES	1 1/2 in. (38mm)
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	2 in. (50mm)
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	3 in. (75mm)

- ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
- CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, TOOLS, EQUIPMENTS AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.

- 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.

- STRIPPING OF FORMS AND SHORES SHALL BE DONE AFTER A MINIMUM AMOUNT OF

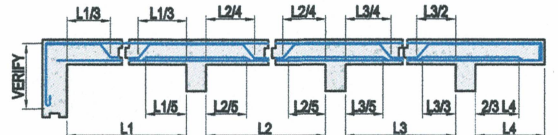
LOCATION	TIME
FOUNDATION	24 HRS.
SUSPENDED SLABS EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	8 DAYS
WALLS	18 HRS.
BEAMS	14 DAYS
COLUMNS	3 DAYS

- ON LAP SPICE AND HOOKS:

- ALL BARS FOR BEAMS AND COLUMNS SHALL BE LAPPED WITH A MIN. LENGTH OF 30 x BAR DIAMETER.
 - ALL BARS FOR SUSPENDED SLABS SHALL BE SPLICED WITH A MIN. LENGTH OF 40 x BAR DIAMETER.
 - NO MORE THAN 50% OF THE BARS SHALL BE SPLICED WITHIN THE REQUIRED LAP LENGTH.
 - 90° HOOKS WITH 12 x BAR DIAMETER EXTENSION (SPECIALLY FOR BEAMS) SHALL BE ANCHORED INTO THE FAR FACE OF THE COLUMN.
- CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, REHANDLING OR FLOWING. ADEQUATE VIBRATION OR APPROVED EQUAL METHOD SHALL BE DONE DURING DEPOSITION OF CONCRETE.
 - SAMPLING FOR COMPRESSIVE STRENGTH TESTS SHALL BE MADE IN ACCORDANCE WITH SPECIFICATIONS.

C. CONCRETE SLABS

- ALL SLAB REINFORCEMENT SHALL BE 20mm CLEAR MINIMUM FROM BOTTOM AND FROM TOP OF SLAB.
- UNLESS OTHERWISE DETAILED, IN CONTINUOUS SLABS HAVING SAME REINFORCEMENT RUNNING IN ONE DIRECTION, REINFORCING BARS SHALL BE BENT UP, EXTENDED, OR CUT AS FOLLOWS:

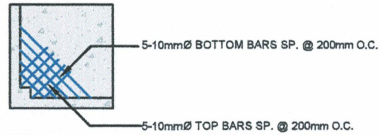


- IF SLABS ARE REINFORCED BOTHWAYS, BARS ALONG THE SHORTER SPAN SHALL BE PLACED BELOW THOSE ALONG THE LONG SPAN AT THE CENTER AND OVER AT THE SUPPORTS. FOR THE REINFORCING BARS NEAR THE SUPPORTS, THE SPACING OF THE BARS AT THE COLUMN STRIPS SHALL BE APPROXIMATELY ONE AND A HALF (1-1/2) TIMES THE SLAB THICKNESS BUT IN NO CASE GREATER THAN TWO AND A HALF (2-1/2) TIMES THE SLAB THICKNESS NOR 450mm.
- TEMPERATURE BARS FOR SLAB SHALL BE GENERALLY PLACED NEAR THE FACE IN TENSION AND SHALL NOT BE LESS THAN 0.0025% BT, AND AS FOLLOWS:

THICKNESS	MINIMUM TEMPERATURE BARS
100 mm	10mmØ @ 275mm O.C. EACH WAY
112.5 mm	10mmØ @ 238mm O.C. EACH WAY
125 mm	10mmØ @ 212mm O.C. EACH WAY
137.5 mm	10mmØ @ 188mm O.C. EACH WAY
150 mm	10mmØ @ 175mm O.C. EACH WAY

- UNLESS OTHERWISE NOTED IN THE PLANS, ALL BEDDED SLABS SHALL BE REINFORCED WITH 10mmØ REBAR AT 250 mm O.C. EACH WAY AT CENTER OF SLAB, AND CONSTRUCTION JOINTS FOR SAME SHALL NOT BE MORE THAN 8 METERS APART.

- PROVIDE EXTRA REINFORCEMENTS FOR CORNER SLAB (TWO ADJACENT DISCONTINUOUS EDGES AS SHOWN BELOW).



- ON SLABS ON GRADE:

- ALL SLABS ON GRADE SHALL BE DESIGNED WITH A MINIMUM WATER CEMENT RATIO OF 0.42. ANY DECREASE IN WORKABILITY SHALL BE COMPENSATED USING A PLASTICIZER.
- ALL SLOPES SHALL BE POURED INTEGRAL WITH SLAB OVERLAYS & TOPPING SHALL NOT BE ALLOWED UNLESS APPROVED OR SPECIFIED BY ENGINEER.
- CONTINUOUS WET CURING OF CONCRETE BY PONDING SHALL BE DONE FOR AT LEAST 14 DAYS UNLESS OTHERWISE SPECIFIED.

D. FOUNDATION AND FOOTINGS

- FOOTINGS WERE DESIGNED FOR A SOIL BEARING CAPACITY OF 2000 psi FOR AN EMBEDMENT OF 2 METERS & 1470 psi FOR AN EMBEDMENT OF 1.5 METERS OR LESS.
- FOOTINGS SHALL REST ON NATURAL SOIL 1.50 METERS BELOW GRADE LINE, UNLESS OTHERWISE INDICATED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL UNLESS REPLACED WITH 1.0 m DEEP WELL-COMPACTED CRUSHED ROCK FILL. COMPACTION OF ALL SUBGRADE SHALL BE AT 95% OF MDD BASED ON ASTM D698.
- THE CONTRACTOR SHALL NOTIFY IN WRITING THE ENGINEER AFTER FOOTING EXCAVATION HAS BEEN COMPLETED AND PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY AND IF ACTUAL SOIL PROPERTY APPEARS WEAKER THAN ASSUMED.
- THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO DEVISE & IMPLEMENT EXCAVATION PROCEDURES THAT WILL ENSURE SAFETY OF LIFE & PROPERTY. CONTRACTOR SHALL ENSURE THAT ALL EXISTING STRUCTURES ARE PROPERLY AND ADEQUATELY SUPPORTED AGAINST SETTLEMENT OR MOVEMENT DURING CONSTRUCTION.
- MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE 75 mm CLEAR FOR CONCRETE DEPOSITED AGAINST THE GROUND AND 50 mm CLEAR IF DEPOSITED AGAINST A FORMWORK.
- FILL AND SUBGRADE UNDER SLABS AND FOOTINGS SHALL BE COMPACTED TO A MINIMUM 95% OF MDD (MAXIMUM DRY DENSITY) BASED ON ASTM D698.

E. MASONRY AND CONCRETE BLOCKS

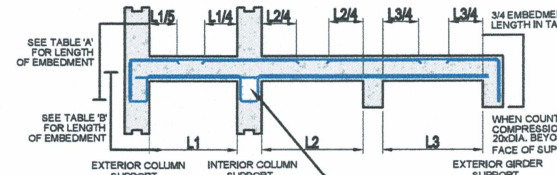
- ALL NON-LOAD BEARING TYPE CONCRETE BLOCKS SHALL HAVE A UNIT WEIGHT NOT TO EXCEED 80 PCF. FOR LOAD BEARING TYPE CONCRETE BLOCKS, A MINIMUM COMPRESSIVE STRENGTH OF 6.80 MPa SHALL BE DEVELOPED.
 - PROVIDE 1-Ø10mm VERTICAL BAR AT CORNERS, INTERSECTIONS, END OF WALLS AND EACH SIDE OF OPENINGS.
 - LINTEL BEAMS SHALL BEAR AT LEAST 8 INCHES (200 mm) ON EACH SIDE OF MASONRY WALL OPENING.
 - MASONRY WALL REINFORCEMENTS SHALL BE AS FOLLOWS, UNLESS NOTED:
- | WALL THICKNESS | VERTICAL REINFORCEMENT | HORIZONTAL REINFORCEMENT |
|----------------|------------------------|--------------------------|
| 8" (200 mm) | Ø12 @ 400 mm | Ø10 @ 800 mm (3 LAYERS) |
| 6" (150 mm) | Ø10 @ 600 mm | Ø10 @ 800 mm (3 LAYERS) |
| 4" (100 mm) | Ø10 @ 600 mm | Ø10 @ 800 mm (3 LAYERS) |
- REINFORCING BARS SHALL BE LAPPED WITH A MINIMUM OF 30 BAR DIAMETERS WHERE SPLICED DOWELS FROM CONCRETE FOOTINGS OR SLABS SHALL EXTEND INTO THE BLOCK WALL AT A MINIMUM OF 30 BAR DIAMETERS. REBARS TO BE TIED PROPERLY WITH G.I. WIRES.
 - ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT (REFER TO SPECIFICATIONS).
 - WELD HORIZONTAL BARS FOR CHB WALL TO STEEL COLUMNS WHERE APPLICABLE.

F. CONCRETE COLUMNS & PEDESTALS

- FOR ALL TIED COLUMNS AND PEDESTALS, PROVIDE EXTRA 4 SETS OF TIES AT 100 mm O.C. FOR COLUMN REINFORCEMENTS JUST ABOVE THE FLOOR, JUST BELOW THE GIRDER AND AT CONSTRUCTION JOINTS.
- COLUMN AND PEDESTAL TIES SHALL BE PROTECTED BY A COVERING OF CONCRETE CAST MONOLITHICALLY WITH THE CORE WITH MINIMUM THICKNESS OF 38 mm AND NOT LESS THAN 1-1/3 TIMES MAXIMUM SIZE OF COARSE AGGREGATE.

G. BEAMS AND GIRDERS

- TYPICAL BAR BENDING AND CUTTING DETAILS FOR BEAMS AND GIRDERS SHALL BE AS SHOWN IN FIGURE BELOW.



- SPICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE-A OR B.

TABLE - A TENSION BARS EMBEDMENT LENGTH & LAP SPICES (IN CENTIMETERS)				
BAR SIZES (mm)	f'c = 20.7 MPa (3000 psi)		f'c = 17.2 MPa (2500 psi)	
	EMBEDMENT	LAPPED	EMBEDMENT	LAPPED
Ø10	30	30	30	30
Ø12	30	36	30	30
Ø16	36	45	30	43
Ø20	36	55	38	61
Ø22	52.5	62.5	57.5	65
Ø25	56	95	62	105
Ø28	71	121	77	131
Ø32	83	158	101	172
Ø36	151	179	128	218

TABLE - B COMPRESSION BARS EMBEDMENT LENGTH & LAP SPICES (IN CM)				
BAR SIZES (mm)	f'c = 20.7 MPa (3000 psi)		f'c = 17.2 MPa (2500 psi)	
	EMBEDMENT	LAPPED	EMBEDMENT	LAPPED
Ø10	20	30	20	30
Ø12	20	30	21	34
Ø16	23	32.5	26	42.5
Ø20	28	37.5	31	50
Ø22	25	45	27.5	57.5
Ø25	37	51	41	67.5
Ø28	42	57.5	77	75
Ø32	46	64	52	85
Ø36	51	72	-	-

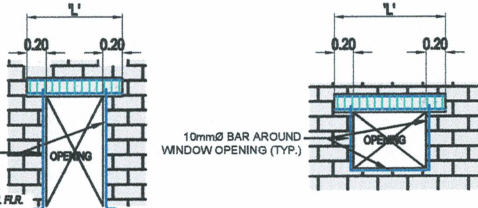
- IF BEAM REINFORCING BARS END IN A WALL, THE CLEAR DISTANCE FROM THE BAR TO THE FARTHER FACE OF THE WALL SHALL NOT BE LESS THAN 25mm. EMBEDMENT LENGTH SHALL BE AS SHOWN IN TABLE-A & TABLE-B ACCORDINGLY.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, USE 25mm DIAMETER BAR SEPARATORS SPACED ABOUT 90 cm ON CENTER, IN NO CASE SHALL THERE BE LESS THAN TWO (2) SEPARATORS BETWEEN LAYERS OF BARS.
- MINIMUM CONCRETE PROTECTION FOR REINFORCING BARS SHALL BE 18.75mm CLEAR FOR JOISTS & 37.50mm CLEAR FOR BEAMS AND GIRDERS.
- GENERALLY NO SPICE SHALL BE PERMITTED AT POINTS WHERE CRITICAL BENDING STRESSES OCCUR. SPICES WHERE SO PERMITTED SHALL BE AS INDICATED IN TABLES A & B. WELDED SPICES SHALL DEVELOP IN TENSION AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH OF THE BAR. NO MORE THAN 50% OF THE BARS AT ANY ONE SECTION SHALL BE ALLOWED TO BE SPLICED THEREIN.

H. LINTEL BEAMS IN CHB WALLS

- REINFORCEMENTS FOR CONCRETE LINTEL BEAMS FOR OPENINGS (DOORS & WINDOWS) SHALL BE AS FOLLOWS:

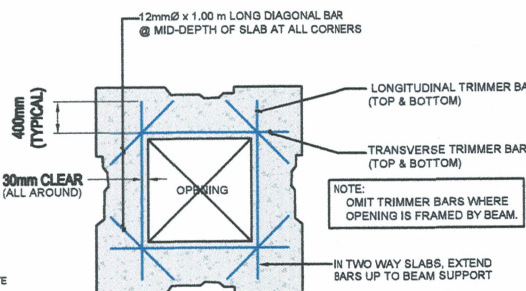
LINTEL IN BLOCK WALLS (PER 100mm THICKNESS)					
CLEAR SPAN L' (m)	TOTAL LENGTH (L + 0.40, m)	MIN. f'c MPa	HEIGHT OF LINTEL (cm)	REINFORCEMENT	
				BOTTOM	TOP
1.20	1.80	13.80	20	1-10mmØ	1-10mmØ
1.50	1.90	13.80	20	1-10mmØ	1-10mmØ
1.80	2.20	13.80	20	1-10mmØ	1-10mmØ
2.10	2.50	17.20	20	1-16mmØ	1-10mmØ
2.40	2.80	17.20	20	1-16mmØ	1-10mmØ
2.70	3.10	17.20	20	1-20mmØ	1-10mmØ
3.00	3.40	17.20	30	1-16mmØ	1-10mmØ
3.30	3.70	17.20	30	1-16mmØ	1-10mmØ
3.60	4.00	17.20	30	1-16mmØ	1-10mmØ

NOTE: USE 10mmØ STIRRUPS SPACED @ 200mm O.C.



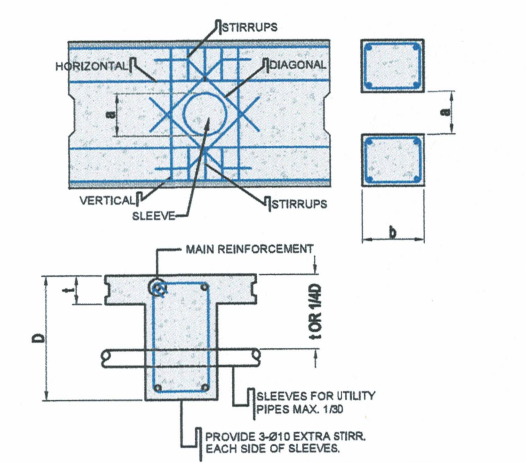
I. CONCRETE SLAB OPENINGS

- OTHERWISE SPECIFIED, OPENINGS ON SUSPENDED SLABS SHALL HAVE ADDITIONAL REINFORCEMENT AS SHOWN BELOW.



J. EMBEDDED PIPES IN CONCRETE

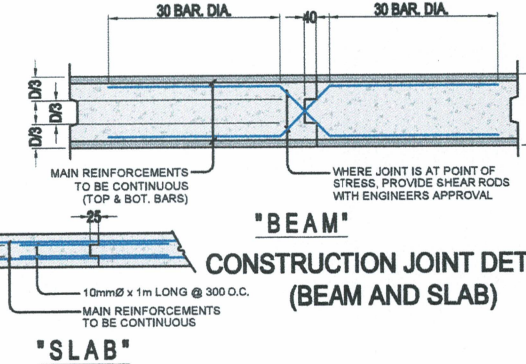
- ALL EMBEDDED PIPES FOR UTILITIES, ETC. SHALL BE MAXIMUM 100mm DIAMETER SINGLE RIGID GALVANIZED IRON PIPE UNLESS OTHERWISE SPECIFIED OR APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- SUCH PIPES WHEN SO EMBEDDED SHALL NOT TAKE UP MORE THAN FOUR (4) PERCENT OF THE GROSS AREA OF THE CONCRETE MEMBER.
- TYPICAL DETAIL OF PIPE SLEEVES THROUGH CONCRETE IS SHOWN AS FOLLOWS:



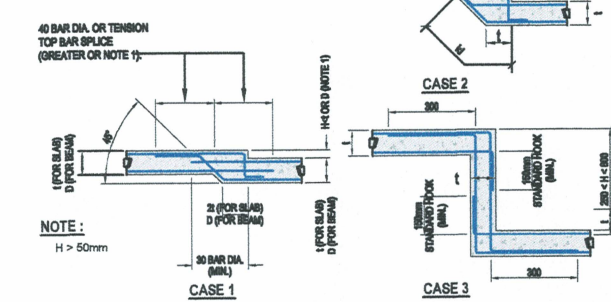
REINFORCING BAR FOR SLEEVES				
OPENING DIAMETER	REINFORCING BARS	DIAGONAL	VERTICAL	HORIZONTAL
Ø ≤ 100	2 - Ø12	2 - Ø12	-	-
150 < Ø ≤ 150	2 - Ø12	2 - Ø12	2 - Ø12	Ø12 - Ø50
150 < Ø ≤ 200	2 - Ø16	2 - Ø16	2 - Ø16	Ø12 - Ø50
200 < Ø ≤ 250	2 - Ø20	2 - Ø16	2 - Ø16	Ø12 - Ø50

K. STRUCTURAL STEEL

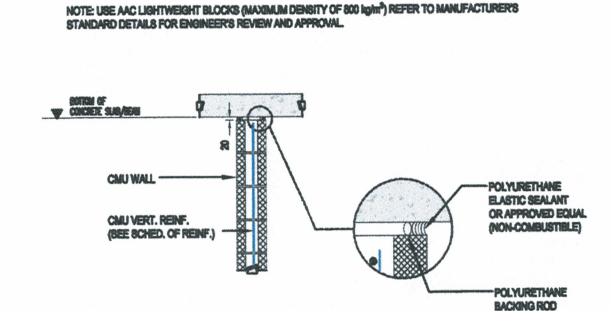
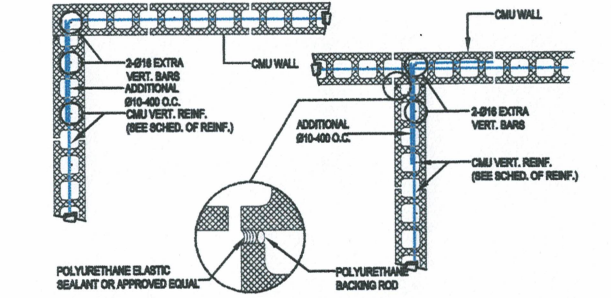
- ALL STRUCTURAL STEEL TO BE USED FOR FABRICATION AND ERECTION SHALL COMPLY WITH ALL THE PERTINENT PROVISIONS OF AISC.
- ALL STRUCTURAL STEEL SHAPES & PLATES SHALL CONFORM TO STD. REQUIREMENTS OF AISC FOR ASTM A36 STEEL, MIN. YIELD STRENGTH = 248 MPa OR 36000 psi.
- ALL COLD FORMED STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISC FOR JIS G3141 SPPC, MIN. YIELD STRENGTH = 227 MPa OR 33000 psi.
- ALL PIPES & TUBES SHALL CONFORM TO STD. REQUIREMENTS OF ASTM A53, MIN. YIELD STRENGTH = 248 MPa OR 36000 psi.
- ALL SHOP AND FIELD WELDS SHALL CONFORM WITH AWS STRUCTURAL WELD CODE D1-1. USE E60XX ELECTRODE. WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS.
- ALL BOLTS, NUTS AND WASHERS SHALL BE HIGH-STRENGTH & CONFORM TO A307 OR A325 UNLESS OTHERWISE INDICATED. ANCHOR BOLTS SHALL LIKEWISE BE OF EQUAL STRENGTH AS A325 BOLT OF THE SAME SIZE.



NOTE: WHERE H > D FOR BEAMS, DETAIL SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

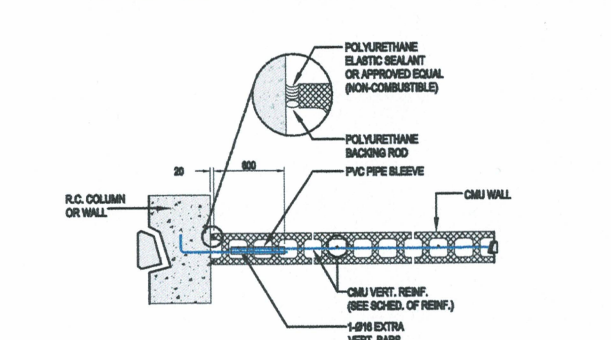


TYPICAL BEAM OR SLAB OF SOFFIT DETAILS



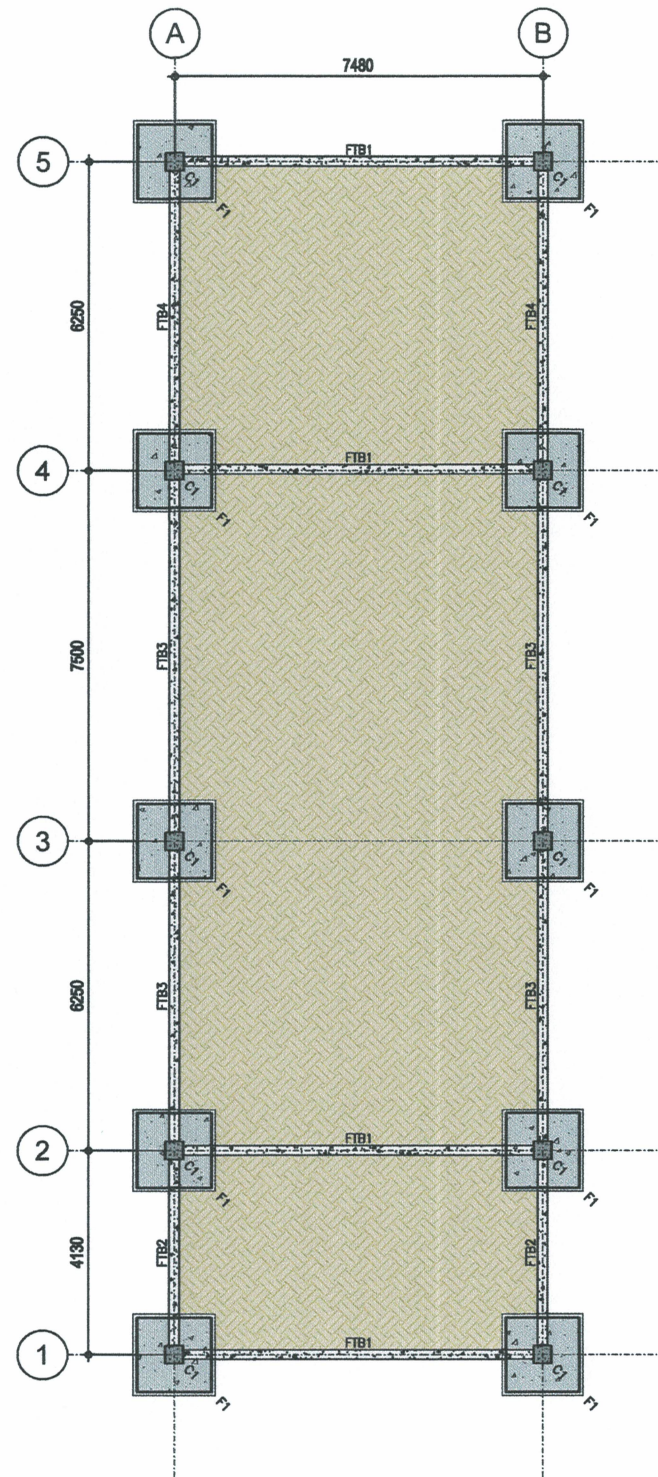
NOTE: USE AAC LIGHTWEIGHT BLOCKS (MAXIMUM DENSITY OF 800 kg/m³) REFER TO MANUFACTURERS STANDARD DETAILS FOR ENGINEERS REVIEW AND APPROVAL.

WALL REINFORCEMENT AT CORNER

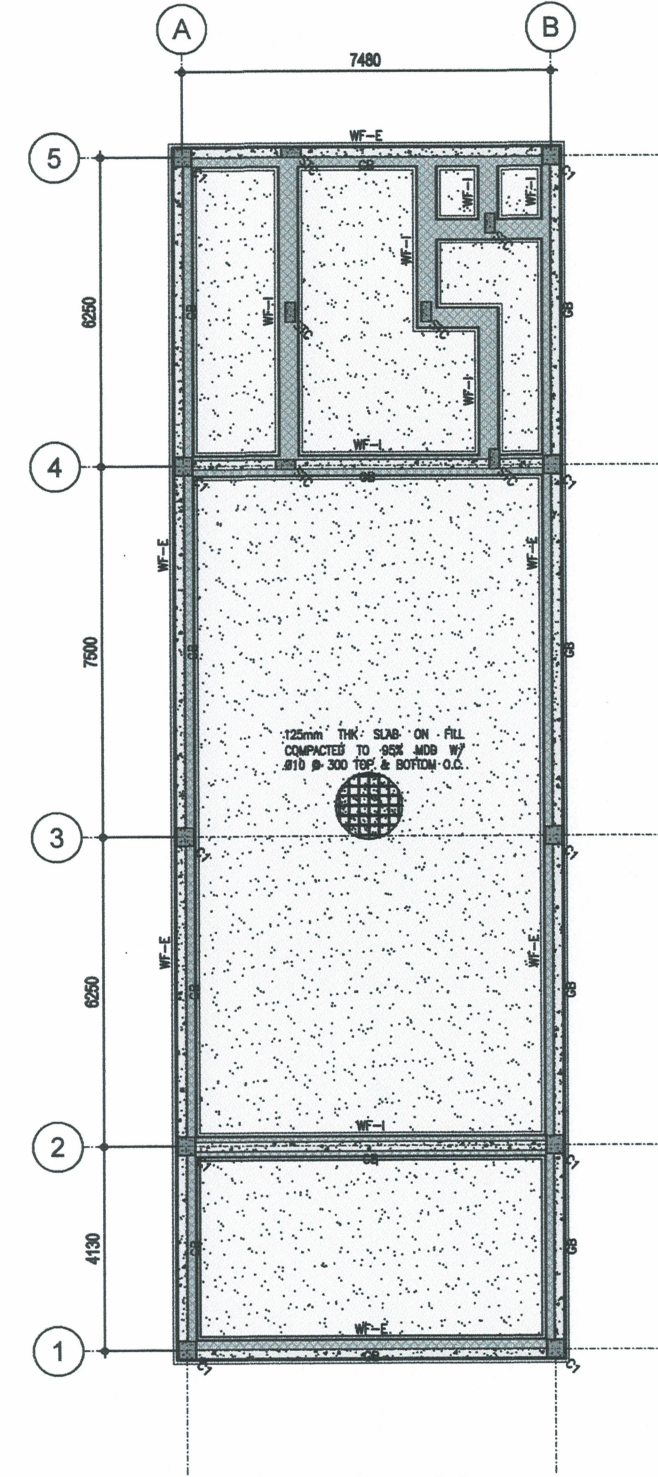


WALL REINFORCEMENT AT R.C. COLUMN WALL



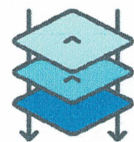


FOUNDATION PLAN
SCALE 1:150



**WALL FOOTING PLAN
GROUND SLAB PLAN GRADE BEAM PLAN**
SCALE 1:150

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DESIGN AND
CONSULTANCY



CIVIL/STRUCTURAL ENGINEER

ENGR. MARK CHRISTIAN D. ESQUERRA

PRC NO: 0164556 PTR NO: NE-1039-4475 ISSUED ON: 01/08/2026 ISSUED AT: SANTA ROSA N.E.

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PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS: BRGY. CALIPAHAN, TALAVERA, NUEVA ECJIA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY: ENGR. MCDE

OWNER :

ENGR. NELSON M. DELA CRUZ

ADDRESS: BRGY. CALIPAHAN, TALAVERA, NUEVA ECJIA (NEECO 2 AREA 1)

SHEET CONTENT :

AS SHOWN

REVISIONS :

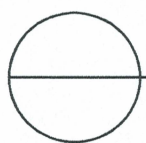
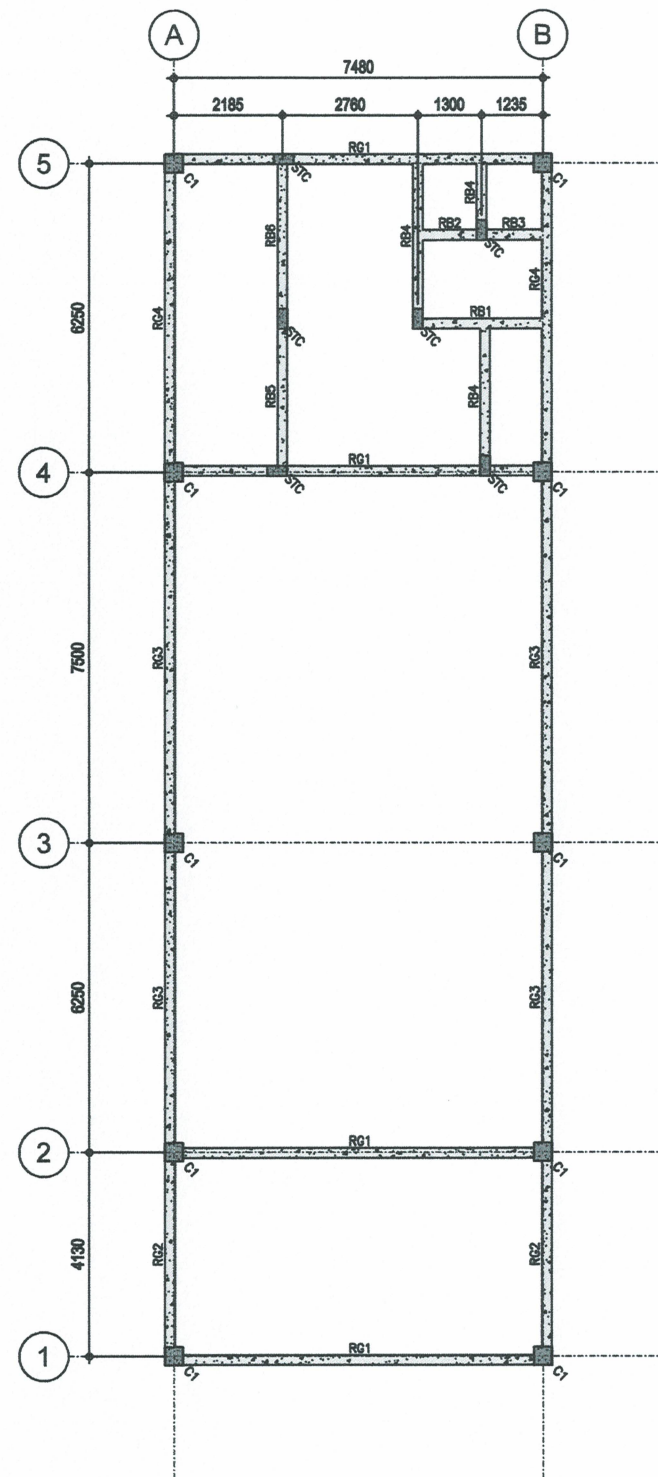
REFERENCE :

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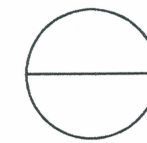
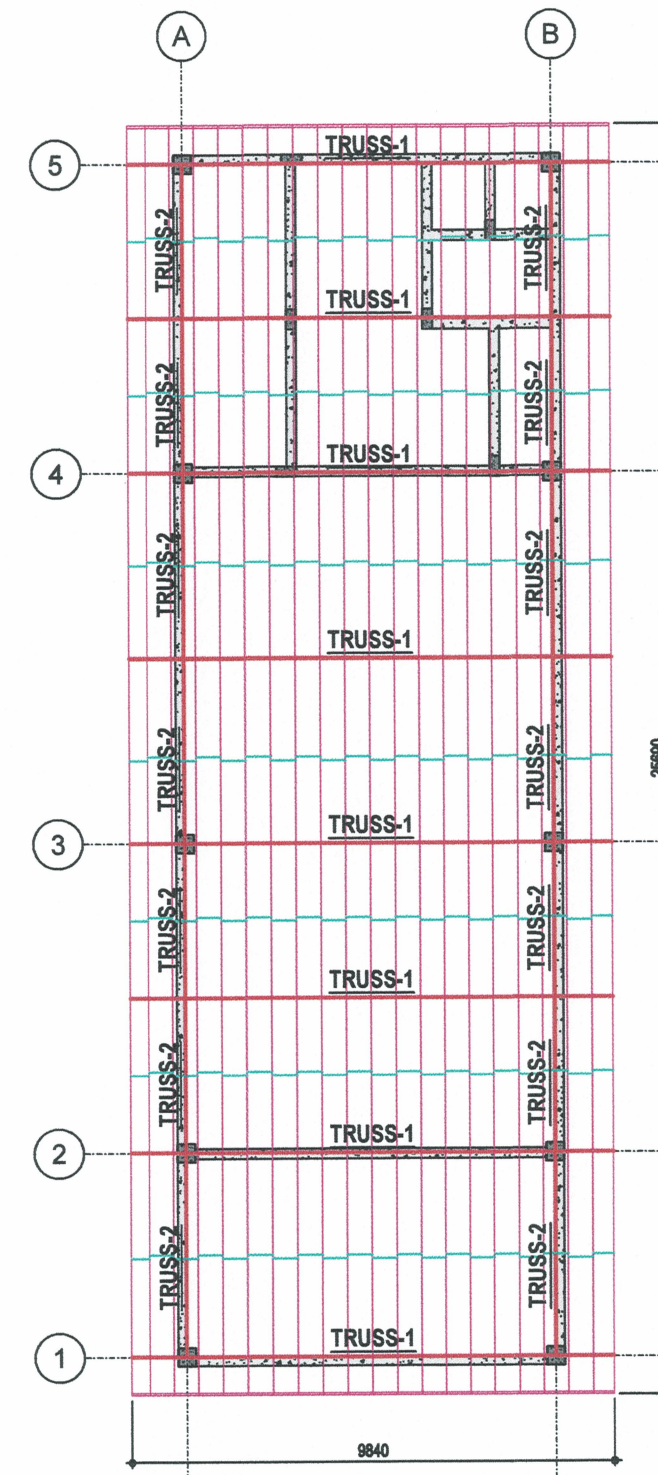
02



ROOF LEVEL FRAMING PLAN

SCALE

1:150

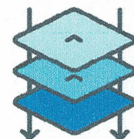


ROOF TRUSS FRAMING PLAN

SCALE

1:150

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CIVIL/STRUCTURAL ENGINEER

ENGR. MARK CHRISTIAN D. EGGUERRA

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PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS: BRGY. CALIPAHAN, TALAVERA, NUEVA ECUA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY: ENGR. MCDE

OWNER :

ENGR. NELSON M. DELA CRUZ

ADDRESS: BRGY. CALIPAHAN, TALAVERA, NUEVA ECUA (NEECO 2 AREA 1)

SHEET CONTENT :

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REVISIONS :

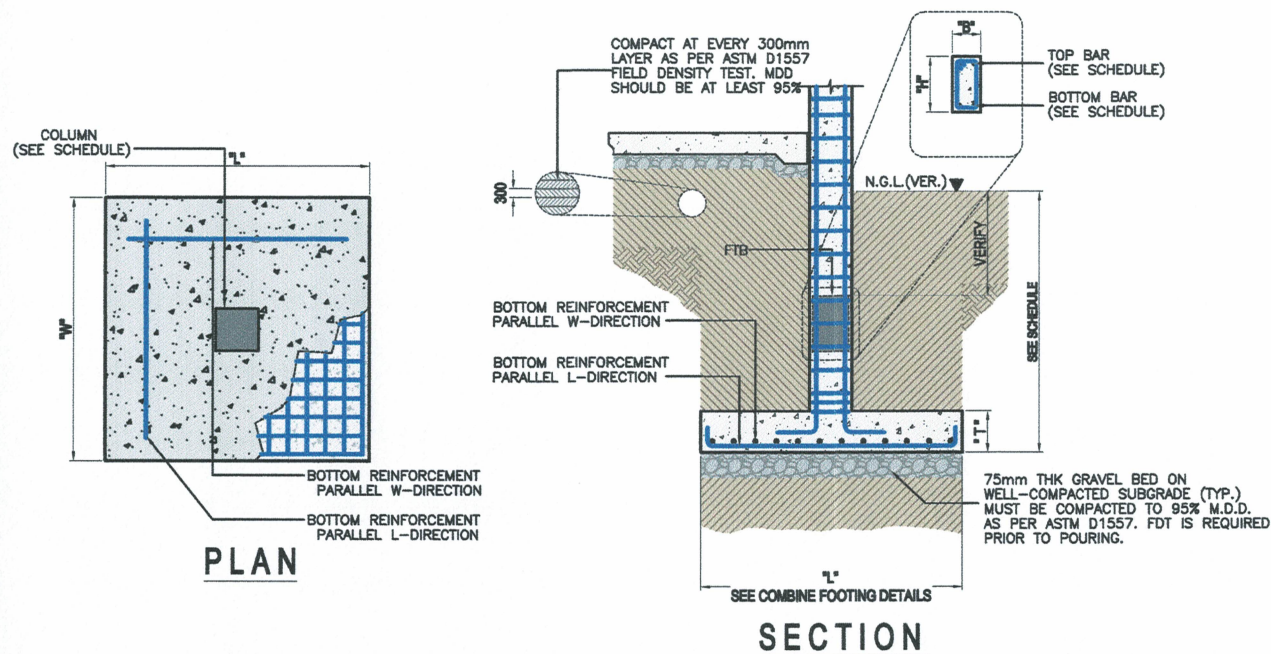
REFERENCE :

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AISC-16

SHEET NO :

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03



TYPICAL ISOLATED FOOTING DETAILS

SCALE

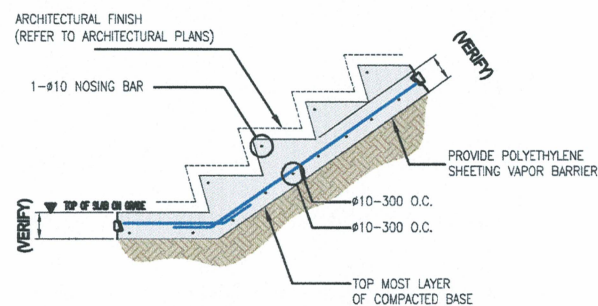
NTS

FOUNDATION REINFORCEMENT SCHEDULE

MARK	DIMENSION (mm)			BOTTOM BARS		TOP BARS		DEPTH OF EMBEDMENT (m)	REMARK
	LENGTH	WIDTH	THK	ALONG "L"	ALONG "W"	ALONG "L"	ALONG "W"		
F1	1500	1500	350	8pcs -16mm	8pcs -16mm			1.50m FROM N.G.L.	ISOLATED

NOTES :

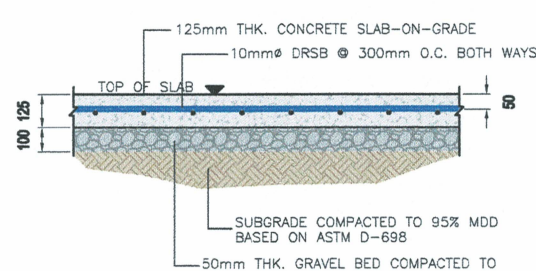
1. CONCRETE STRENGTH $f'_c = 21 \text{ MPa}$ (3000 psi)
2. STEEL GRADE FOR MAIN REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)



TYPICAL ISOLATED FOOTING DETAILS

SCALE

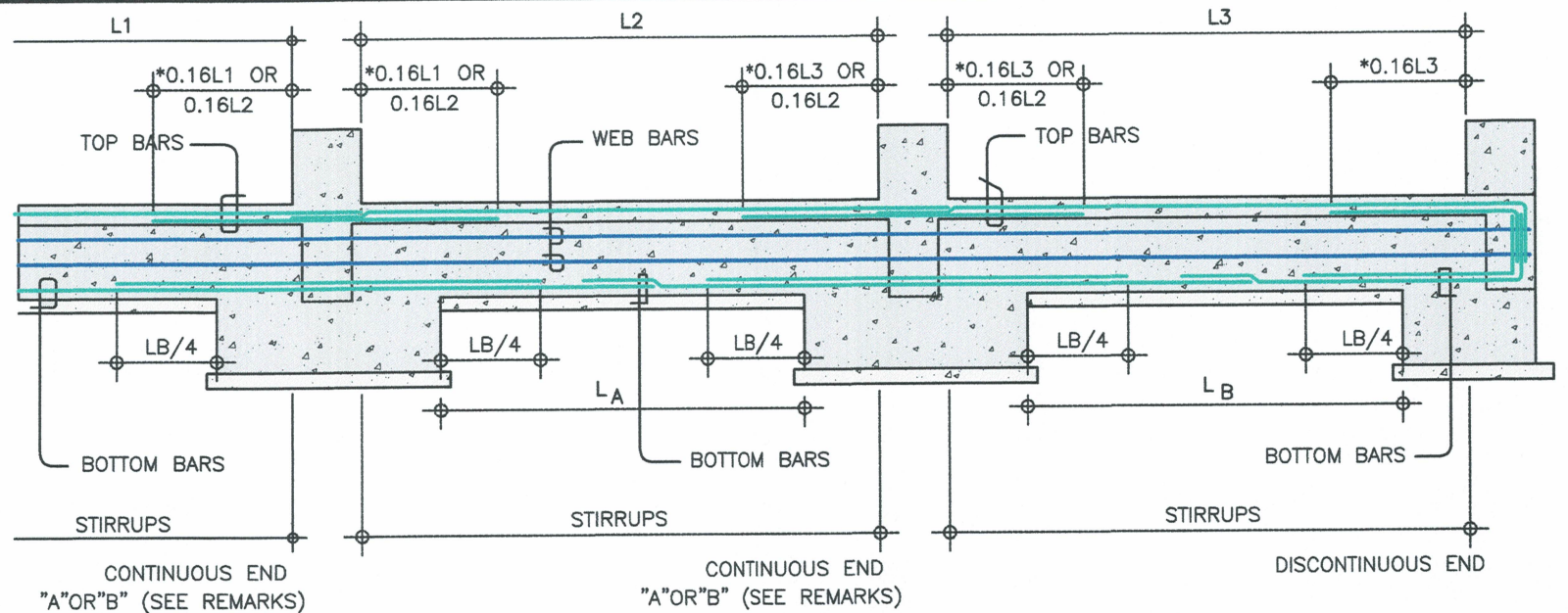
NTS



TYPICAL ISOLATED FOOTING DETAILS

SCALE

NTS

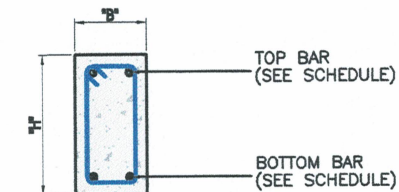


STRUCTURAL NOTES :

1. SEE TABLE OF LAP SPICE & ANCHORAGE LENGTHS SHOWN ON SHEET S-1.
2. LAP SPICE SHALL BE LOCATED ONLY WITHIN THE LAP SPICE ZONE.
3. TOP BAR LAP SPICE SHALL BE 1.40 TIMES THE BOTTOM BAR LAP SPICE.
4. TOP & BOTTOM BARS MAY BE LAP ONLY SPICED ONE LOCATION FOR EACH STRING OF BEAMS.
5. CLOSED HOOPS WITH A 135° BEND SHALL BE SPACED AT 100 O.C. MAXIMUM AT A DISTANCE 2D FROM THE FACE OF THE SUPPORT. FIRST STIRRUP SHALL 5D FROM THE FACE OF THE SUPPORT.
6. CLOSED HOOPS SHALL BE PROVIDED WITHIN THE LAP SPICE LENGTH AT 100 O.C. MAXIMUM SPACING.

NOTES:

1. $f_y = 60,000 \text{ psi}$
2. MINIMUM BEAM DEPTH IS BASED ON HOOK EXTENSION LENGTH AND REQUIRED CONCRETE COVER.



SECTION

TYPICAL FOOTING TIE BEAM DETAILS

SCALE

NTS

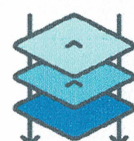
FOOTING TIE BEAM REINFORCEMENT SCHEDULE

BEAM MARK	BEAM SECTION (mm)	BAR		LONGITUDINAL REINFORCEMENT				WEB BAR EACH FACE	STIRRUPS TYPE	STIRRUPS DIA.	STIRRUPS SPACING	REMARK	
				LEFT OR "A"		MIDDLE	RIGHT OR "B"						
				DISCONT	CONT		CONT						DISCONT
FTB1	200 X 400	16	TOP	3		2		3	-	10	A	1@50;10@100; REST @200;	MOMENT
			BOT	2		3		2					
FTB2	200 X 400	16	TOP	3		2	3		-	10	A	1@50;10@100; REST @200;	MOMENT
			BOT	2		3	2						
FTB3	200 X 400	16	TOP		3	2	3		-	10	A	1@50;10@100; REST @200;	MOMENT
			BOT		2	3	2						
FTB4	200 X 400	16	TOP		3	2		3	-	10	A	1@50;10@100; REST @200;	MOMENT
			BOT		2	3		2					

NOTES :

1. CONCRETE STRENGTH $f'_c = 21 \text{ MPa}$ (3000 psi)
2. STEEL GRADE FOR MAIN REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)
3. STEEL GRADE FOR SHEAR REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)

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CIVIL/STRUCTURAL ENGINEER

ENGR. MARK CHRISTIAN D. ESGUERRA

PRC NO: 0164550 PTR NO: NE-10394475 ISSUED ON: 01/06/2026 ISSUED AT: SANTA ROSA N.E.

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PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY:

ENGR. MCDE

OWNER :

ENGR. NELSON M. DELA CRUZ

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

SHEET CONTENT :

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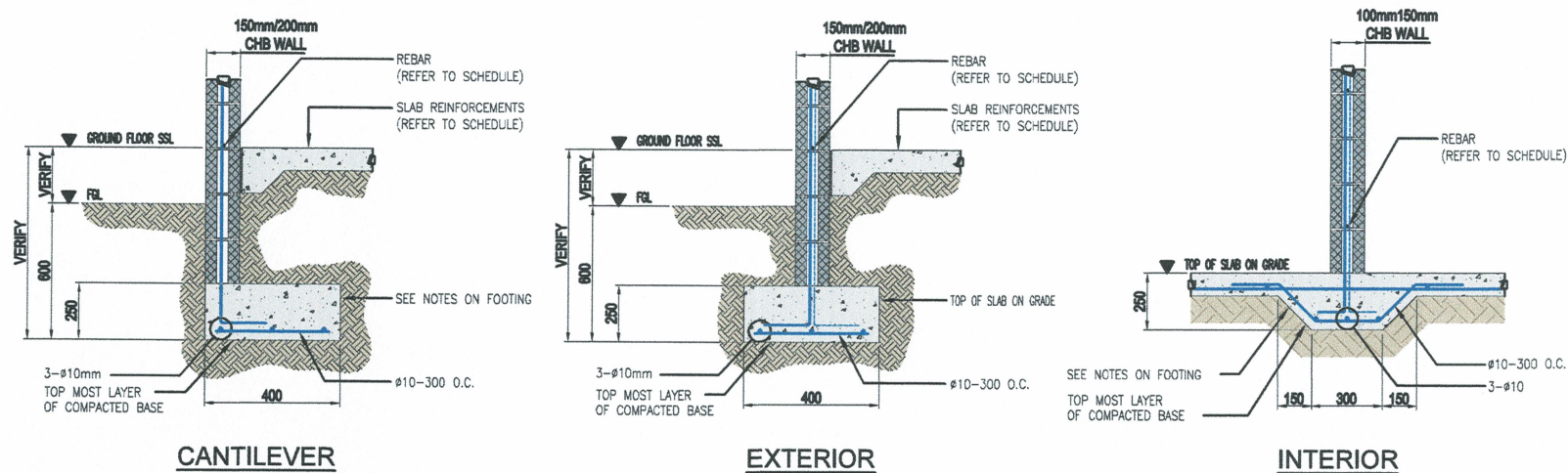
REVISIONS :

REFERENCE :

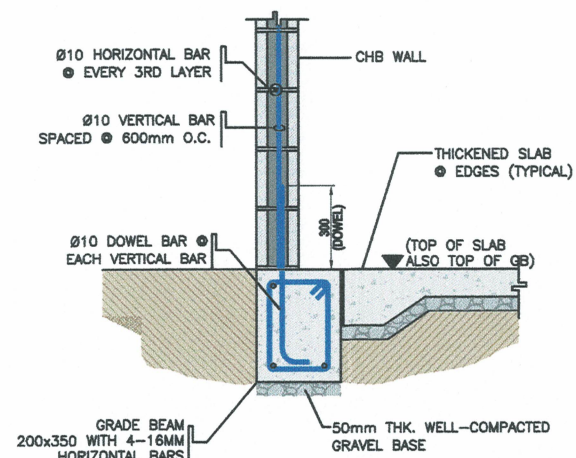
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ACI-318M
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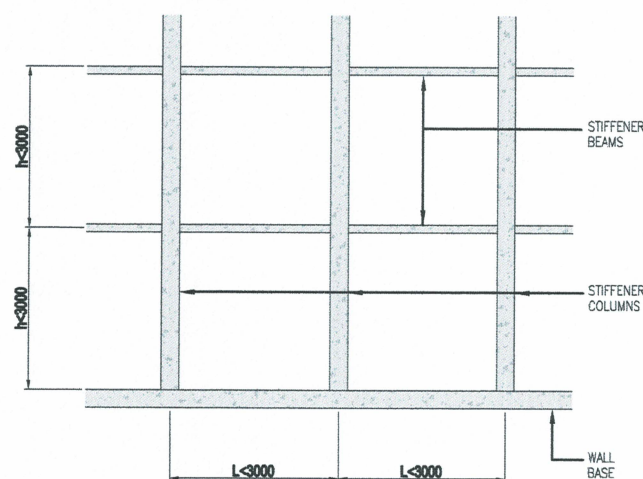
 **TYPICAL ISOLATED FOOTING DETAILS**
SCALE NTS



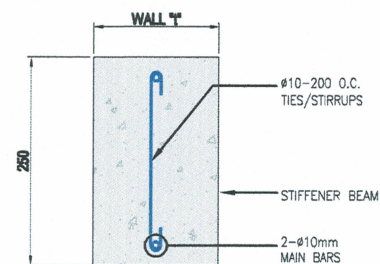
 **TYPICAL GRADE BEAM DETAILS**
SCALE NTS

NOTE :

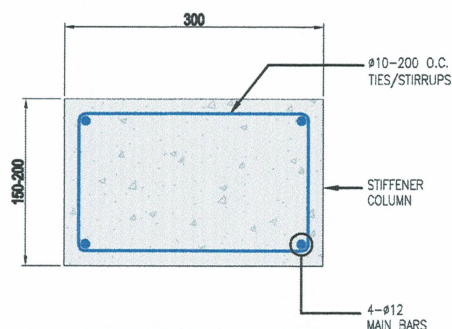
UNLESS OTHERWISE NOTED IN THE PLAN, PROVIDE FRAMING STIFFENER COLUMNS & STIFFENER BEAMS NOT MORE THAN 3.0M APART.



ELEVATION



STIFFENER BEAM

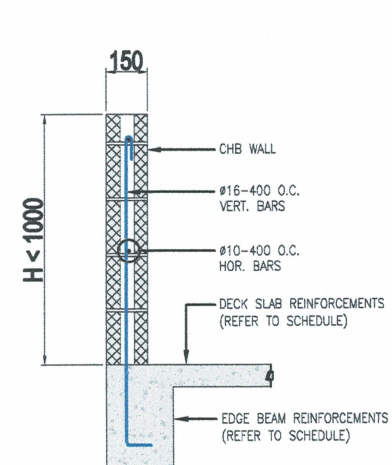


STIFFENER COLUMN

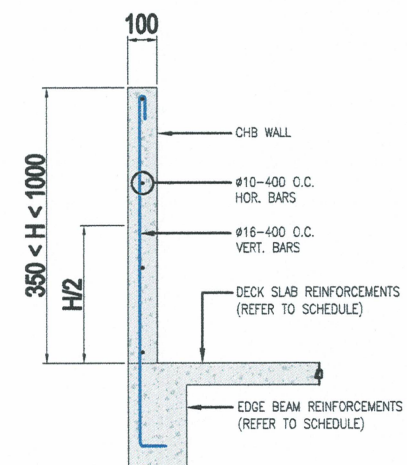
 **TYPICAL STIFFENER BEAMS & COLUMNS**
SCALE NTS

NOTE :

UNLESS OTHERWISE NOTED ON PLANS.



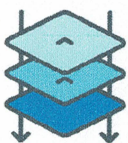
CASE 1



CASE 2

 **TYPICAL PARAPET WALL CONNECTION DETAILS**
SCALE NTS

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CIVIL/STRUCTURAL ENGINEER

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PRC NO: 0164558 PTR NO: NE-10394475 ISSUED ON: 01/06/2026 ISSUED AT: SANTA ROSA N.E.

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PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECUIJA (NEECO 2 AREA 1)

CHECKED BY:

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OWNER :

ENGR. NELSON M. DELA CRUZ

ADDRESS:

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SHEET CONTENT :

AS SHOWN

REVISIONS :

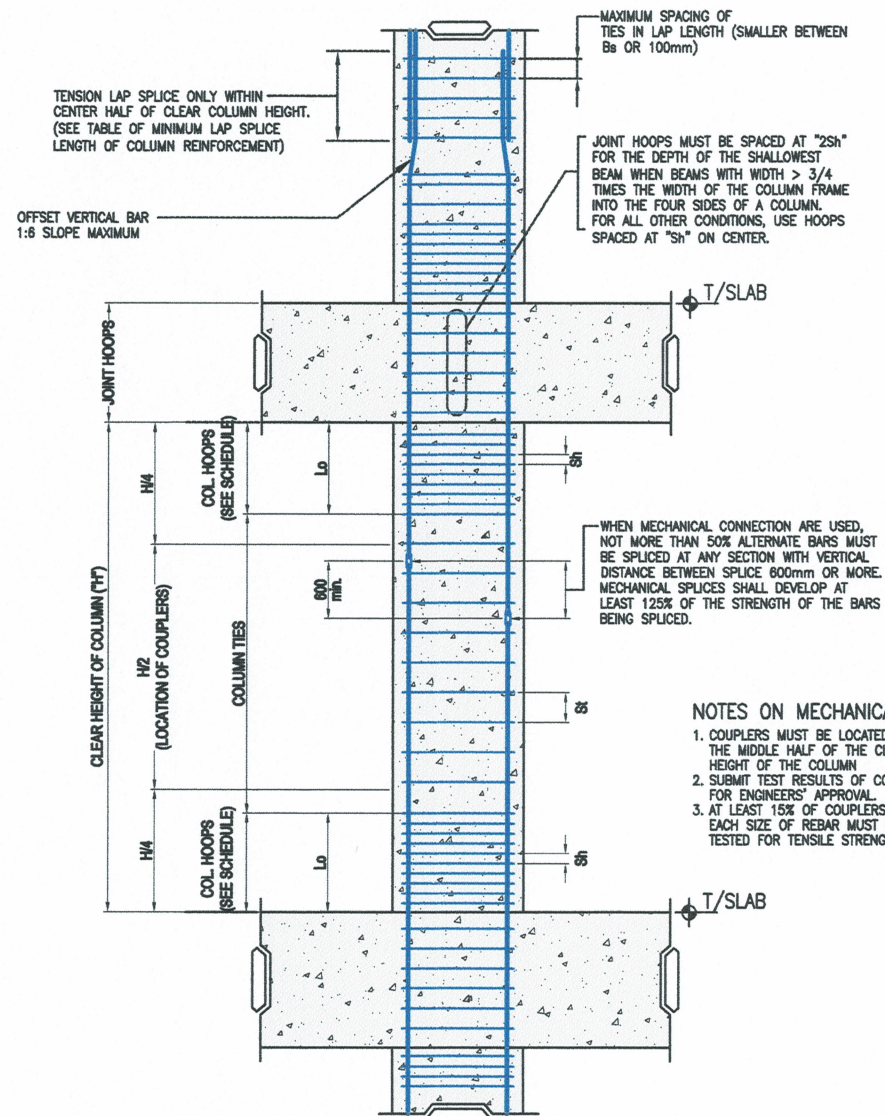
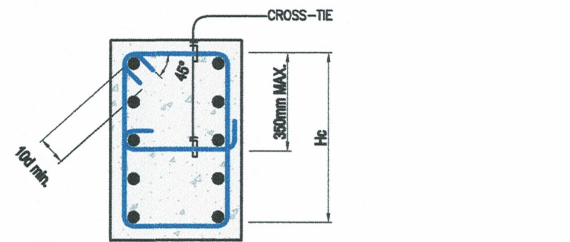
REFERENCE :

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AISC-16

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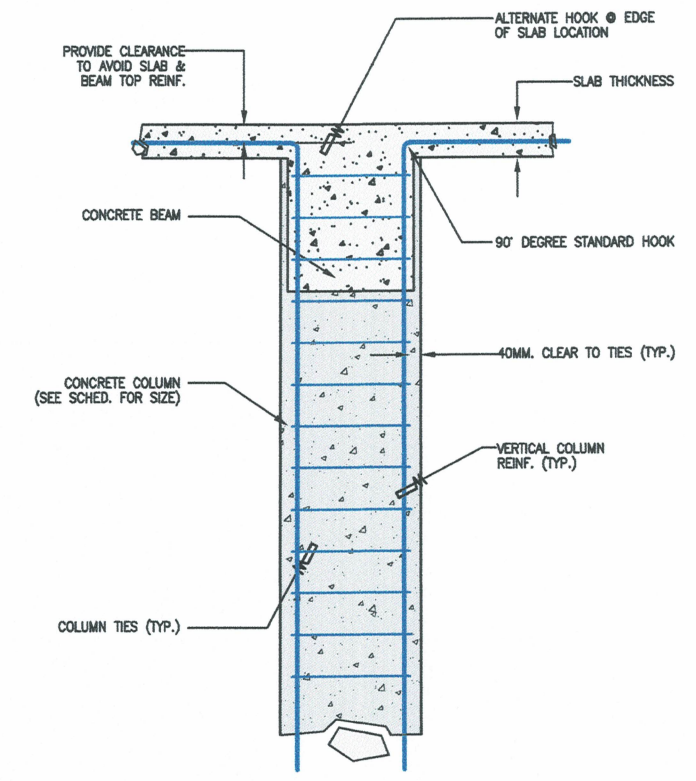
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05

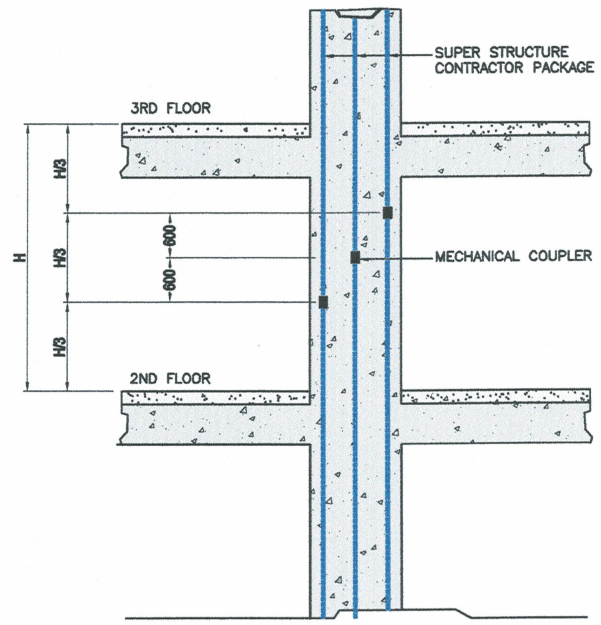


NOTES:
Sh = HOOP AND SUPPLEMENTARY CROSSTIE SPACING NOT TO EXCEED $B_c/4$ OR 100mm.
St = COLUMN TIE SPACING, NOT TO EXCEED 16db OF VERTICALS, 48db OF TIES, B_c OR 150mm, WHICHEVER IS LESSER.
 B_c = SMALLER DIMENSION OF COLUMN CROSS SECTION.
Ld = LARGEST COLUMN DIMENSION, $\frac{1}{4}$ OF CLEAR HEIGHT OR 450mm, WHICHEVER IS GREATER.
H = CLEAR HEIGHT OF COLUMN.

**TYPICAL MOMENT FRAME
CONCRETE COLUMN SPLICE DETAIL**



**TYPICAL GRAVITY TOP OF
CONCRETE COLUMN DETAIL**



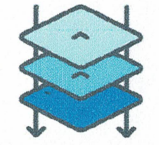
**COLUMN AND
SHEARWALL TERMINATION**

COLUMN REINFORCEMENT SCHEDULE

CL-RF	C1	
SIZE		300 mm x 300 mm
VERT. BARS		8pcs - Ø16mm
CONF. REINF.		2 Sets - 8pcs - Ø10mm @ 75mm
JOINT REINF.		2 Sets - Ø10mm @ 100mm
TIES / SPIRAL		2 Sets - Ø10mm @ 100mm
F-CL	C1	
SIZE		300 mm x 300 mm
VERT. BARS		8pcs - Ø16mm
CONF. REINF.		2 Sets - 9pcs - Ø10mm @ 75mm
JOINT REINF.		2 Sets - Ø10mm @ 100mm
TIES / SPIRAL		2 Sets - Ø10mm @ 100mm

NOTES :
1. CONCRETE STRENGTH $f'_c = 21 \text{ MPa}$ (3000 psi)
2. STEEL GRADE FOR VERT. REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)
3. STEEL GRADE FOR SHEAR REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)

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CIVIL/STRUCTURAL ENGINEER
ENGR. MARK CHRISTIAN D. ESGUERRA
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PROJECT:
**KAPATIRAN: PROPOSED
CONSTRUCTION OF A
SINGLE-STOREY CANTEN
BUILDING**
ADDRESS:
BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY:
ENGR. MCDE

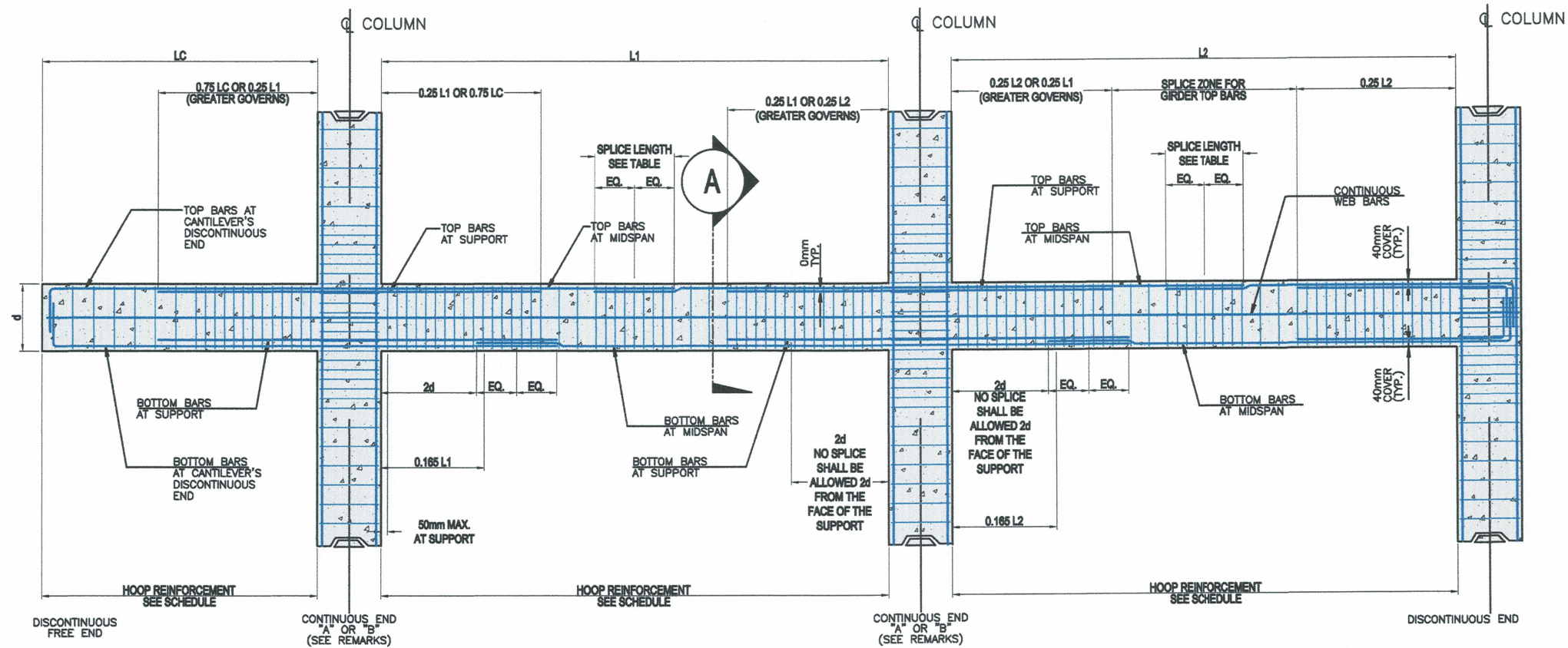
OWNER :
ENGR. NELSON M. DELA CRUZ
ADDRESS:
BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

SHEET CONTENT :
AS SHOWN

REVISIONS :

SHEET NO :
S 06

REFERENCE :
NSCP-2015
ACI-318M
AISC-16
SHEET NO :
S 06

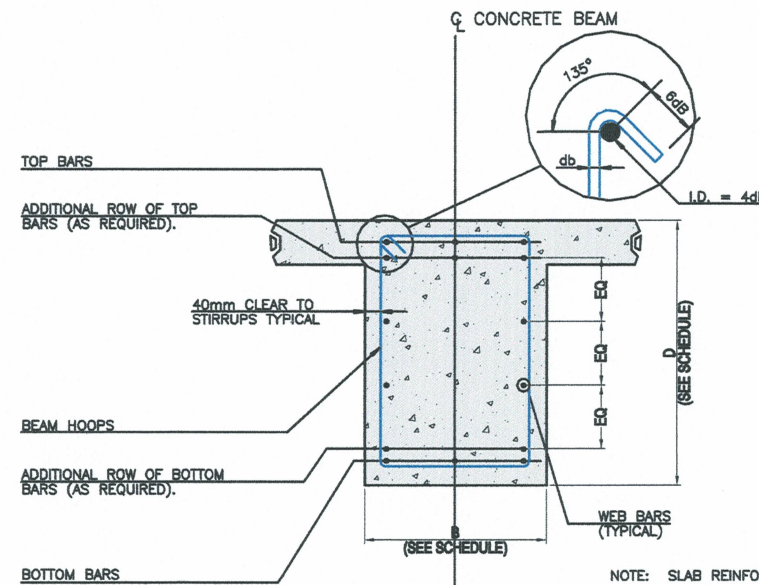
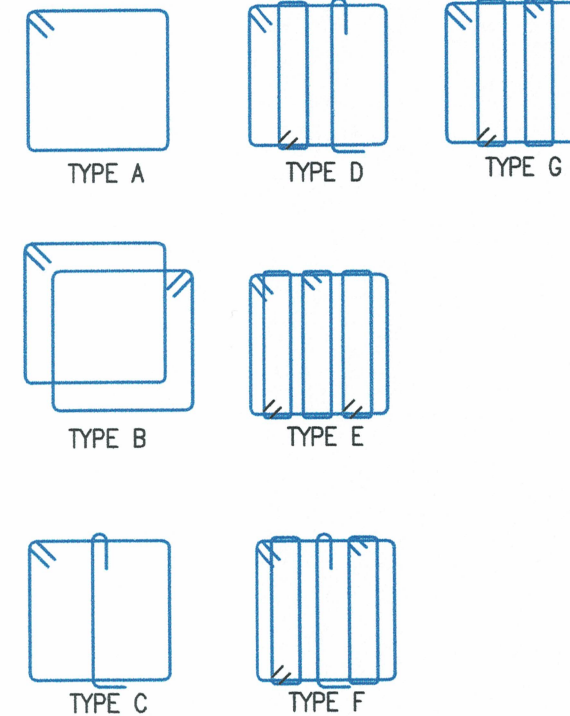


NOTE: AT INTERIOR SUPPORT (CONTINUOUS END) PROVIDE LARGER SIZE AND NUMBER OF TOP AND BOTTOM BARS FROM ADJACENT SPAN.

ELEVATION

STRUCTURAL NOTES :

- SEE TABLE OF LAP SPLICE & ANCHORAGE LENGTHS SHOWN ON SHEET
- LAP SPLICE SHALL BE LOCATED ONLY WITHIN THE LAP SPLICE ZONE.
- TOP & BOTTOM BARS MAY BE LAP SPICED ONLY ON ONE LOCATION FOR EACH STRING OF BEAMS.
- CLOSED HOOPS WITH A 135° BEND SHALL BE SPACED AT 100 O.C. MAXIMUM AT A DISTANCE $2d$ FROM THE FACE OF THE SUPPORT. FIRST STIRRUP SHALL $5d$ FROM THE FACE OF THE SUPPORT.



SECTION "A"

NOTE: SLAB REINFORCEMENT NOT SHOWN FOR CLARITY

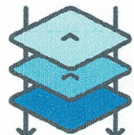


TYPICAL DUCTILE MOMENT FRAME BEAM DETAIL

SCALE

NTS

MCDE
DESIGN AND
CONSULTANCY



CIVIL/STRUCTURAL ENGINEER

ENGR. MARK CHRISTIAN D. ESGUERRA

PRC NO: 0164558 PTR NO: NE-10394475 ISSUED ON: 06/06/2026 ISSUED AT: SANTA ROSA N.E.

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PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY:

ENGR. MCDE

OWNER :

ENGR. NELSON M. DELA CRUZ

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

SHEET CONTENT :

AS SHOWN

REVISIONS :

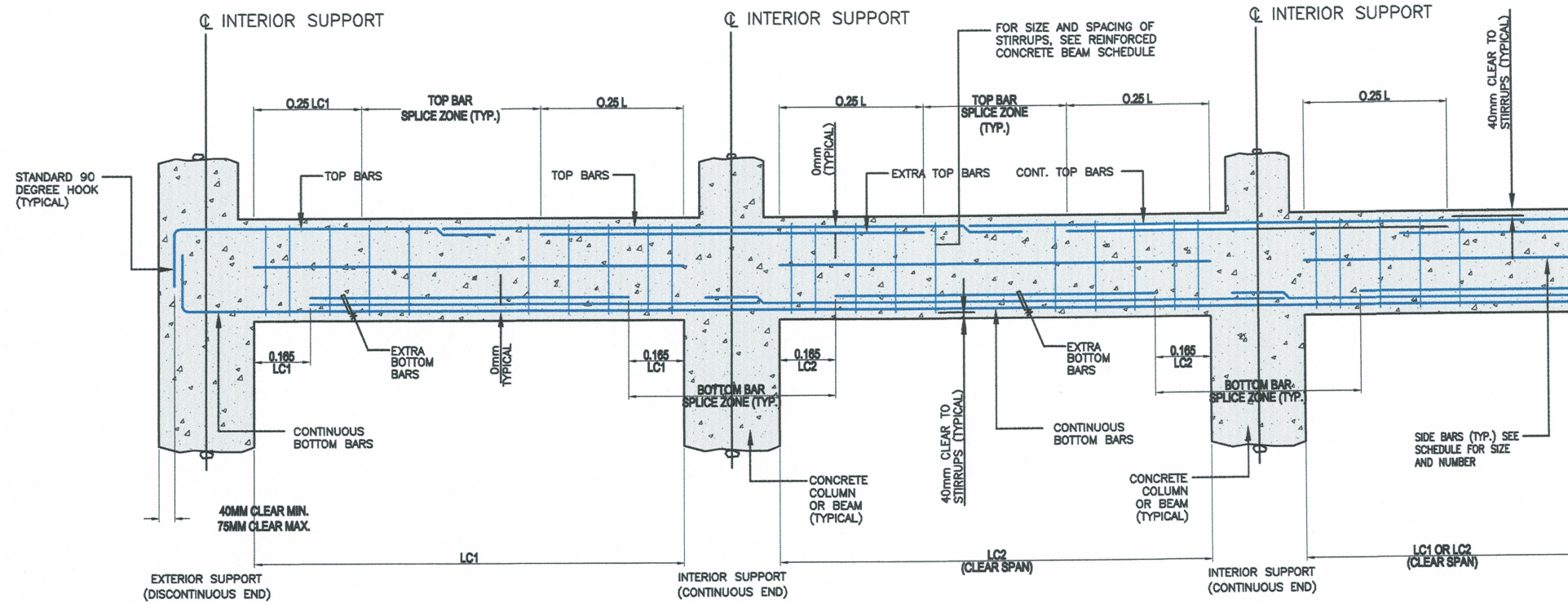
REFERENCE :

NSCP-2015
ACI-318M
AISC-16

SHEET NO :

S

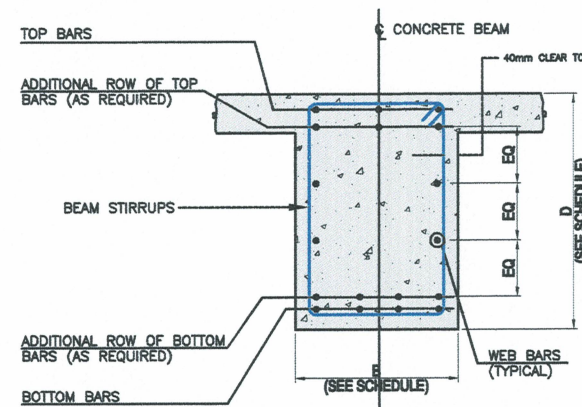
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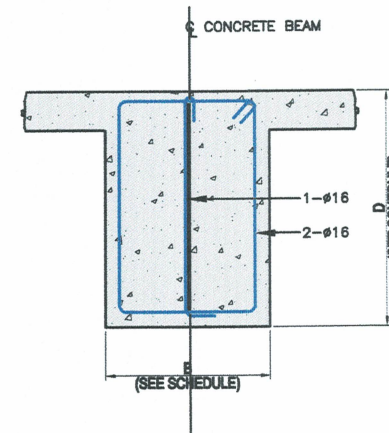
ELEVATION

NOTES:

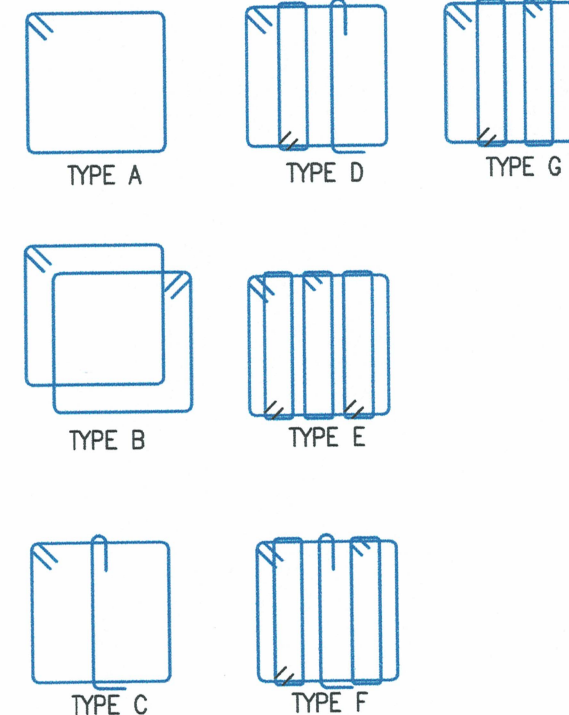
1. LC1, LC2 = LENGTH OF CLEAR SPANS 1, 2 (FACE OF SUPPORT TO FACE OF SUPPORT)
2. L = THE GREATER LENGTH OF CLEARSPAN LC1 OR LC2
3. AT INTERIOR SUPPORT (CONTINUOUS END) PROVIDE LARGER SIZE AND NUMBER OF TOP BARS FROM ADJACENT SPANS.
4. EXTERIOR AND INTERIOR SUPPORT REINFORCEMENT NOT SHOWN FOR CLARITY



SECTION



SECTION OF 3 SETS STIRRUPS

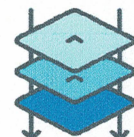


TYPICAL GRAVITY REINFORCED CONCRETE BEAM DETAIL

SCALE

NTS

MCDE
DESIGN AND
CONSULTANCY



CIVIL/STRUCTURAL ENGINEER

ENGR. MARK CHRISTIAN D. ESQUERRA

PRC NO: 0164558 PTR NO: NE-10394475 ISSUED ON: 01/06/2026 ISSUED AT: SANTA ROSA N.E.

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PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY:

ENGR. MCDE

OWNER:

ENGR. NELSON M. DELA CRUZ

ADDRESS:

BRGY. CALIPAHAN, TALAVERA, NUEVA ECJA (NEECO 2 AREA 1)

SHEET CONTENT:

AS SHOWN

REVISIONS:

REFERENCE:

NSCP-2015
ACI-318M
AISC-16

SHEET NO:

S

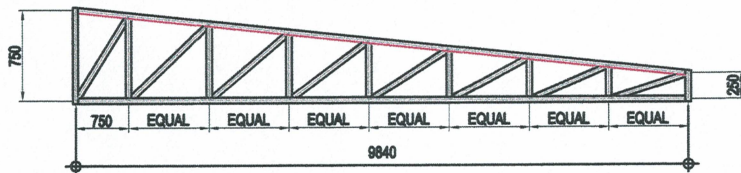
08

ROOF BEAM GIRDER SCHEDULE

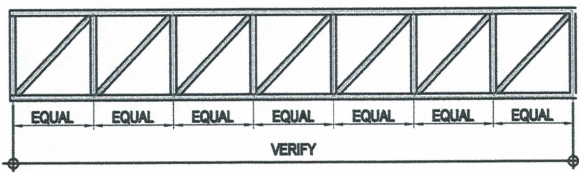
BEAM MARK	BEAM SECTION (mm)	BAR		LONGITUDINAL REINFORCEMENT				WEB BAR EACH FACE	STIRRUPS TYPE	STIRRUPS DIA.	STIRRUPS SPACING	REMARK	
				LEFT OR "A"		MIDDLE	RIGHT OR "B"						
				DISCONT	CONT		CONT						DISCONT
RG1	200 X 450	16	TOP	4		3		4	12	10	A	1@50; 10@100; 5@150; REST @200;	MOMENT
			BOT	3		3		3					
RG2	200 X 450	16	TOP	4		3		4	12	10	A	1@50; 10@100; 5@150; REST @200;	MOMENT
			BOT	3		3		3					
RG3	200 X 450	16	TOP		4	3		4	12	10	A	1@50; 10@100; 5@150; REST @200;	MOMENT
			BOT		3	3		3					
RG4	200 X 450	16	TOP		4	3		4	12	10	A	1@50; 10@100; 5@150; REST @200;	MOMENT
			BOT		3	3		3					
RB1	200 X 350	16	TOP	3		2		3	12	10	A	1@50; 10@100; REST @200;	GRAVITY
			BOT	2		3		2					
RB2	200 X 400	16	TOP	2		2		2	12	10	A	1@50; 10@100; REST @200;	GRAVITY
			BOT	2		2		2					
RB3	200 X 350	16	TOP		2	2		2	12	10	A	1@50; 10@100; REST @200;	GRAVITY
			BOT		2	2		2					
RB4	200 X 350	16	TOP	3		2		3	12	10	A	1@50; 10@100; REST @200;	GRAVITY
			BOT	2		3		2					
RB5	200 X 350	16	TOP	3		2		3	12	10	A	1@50; 10@100; REST @200;	GRAVITY
			BOT	2		3		2					
RB6	200 X 350	16	TOP		3	2		3	12	10	A	1@50; 10@100; REST @200;	GRAVITY
			BOT		2	3		2					

NOTES :

CONCRETE STRENGTH $f'_c = 21 \text{ MPa}$ (3000 psi)
STEEL GRADE FOR MAIN REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)
STEEL GRADE FOR SHEAR REINFORCEMENT GRADE 40 $f_y = 280 \text{ MPa}$ (40000 psi)



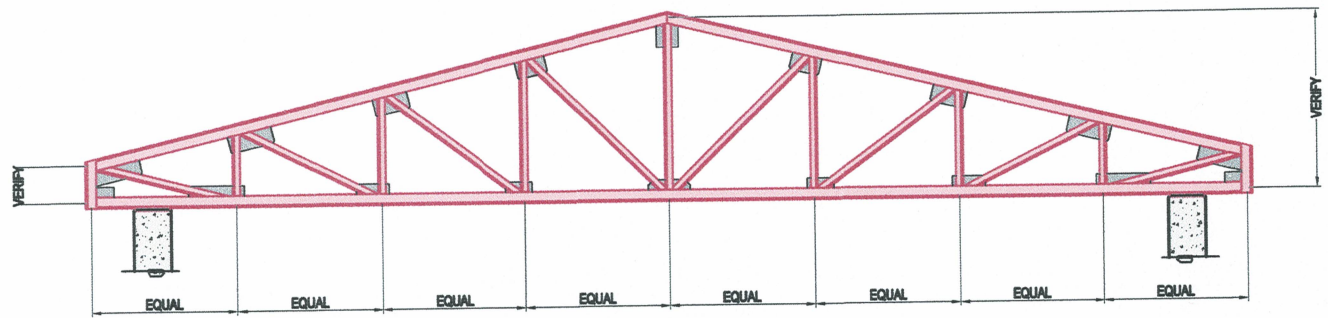
TRUSS-1 DETAILS
SCALE NTS



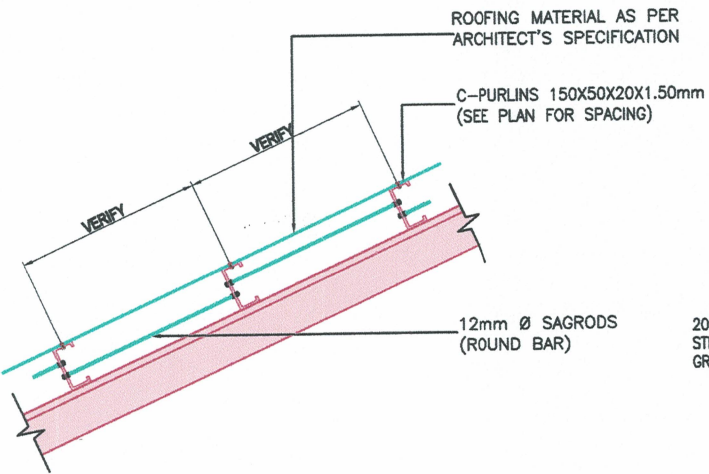
TRUSS-2 DETAILS
SCALE NTS

SCHEDULE OF TRUSS MEMBER	
DESCRIPTION	DESIGNATION
2-L 65 x 85 x 6 MM	TOP CHORD
2-L 65 x 85 x 6 MM	BOTTOM CHORD
2-L 65 x 85 x 6 MM	KING POST
2-L 50 x 50 x 6 MM	WEB MEMBER

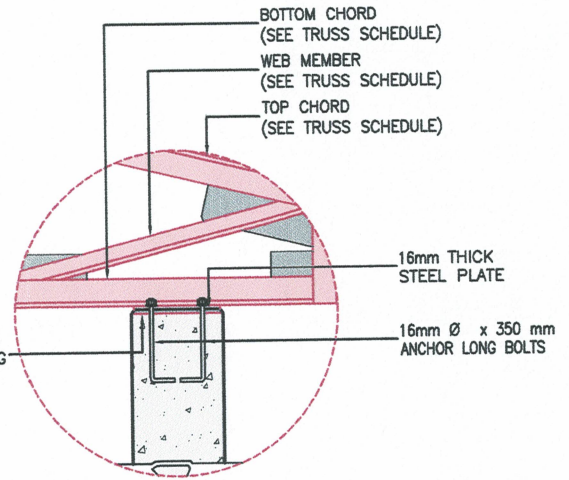
SCHEDULE OF TRUSS MEMBER	
DESCRIPTION	DESIGNATION
2-L 65 x 85 x 6 MM	TOP CHORD
2-L 65 x 85 x 6 MM	BOTTOM CHORD
2-L 65 x 85 x 6 MM	KING POST
2-L 50 x 50 x 6 MM	WEB MEMBER



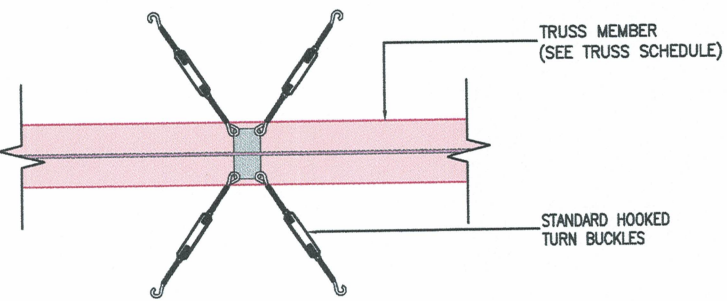
TYPICAL TRUSS DETAILS
SCALE NTS



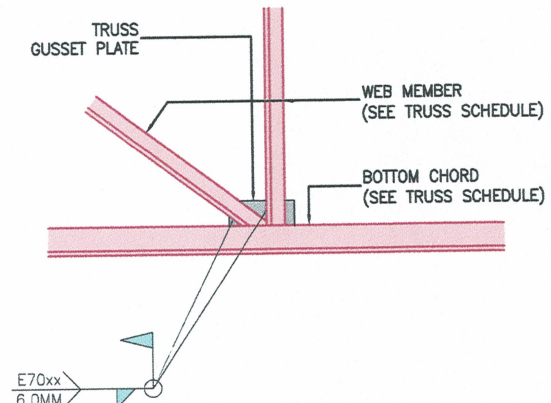
TYPICAL ROOF PURLINS DETAILS
SCALE NTS



TRUSS SUPPORT CONNECTION DETAILS
SCALE NTS

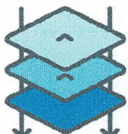


TRUSS CROSS BRACING DETAILS
SCALE NTS



TRUSS MEMBER CONNECTION DETAILS
SCALE NTS

MCDE
DESIGN AND
CONSULTANCY



CIVIL/STRUCTURAL ENGINEER

ENGR. MARK CHRISTIAN D. ESGUERRA

PRC NO:	PTR NO:	ISSUED ON:	ISSUED AT:
0164558	NE-1039/475	01/06/2026	SANTA ROSA N.E.

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THEY ARE THE SOLE PROPERTY OF THE ARCHITECT AND CANNOT BE COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION. REPACT 846

PROJECT:

KAPATIRAN: PROPOSED CONSTRUCTION OF A SINGLE-STOREY CANTEN BUILDING

ADDRESS:
BRGY. CALIPAHAN, TALAVERA, NUEVA ECIA (NEECO 2 AREA 1)

CHECKED BY:

DRAWN / CADD BY:
ENGR. MCDE

OWNER :

ENGR. NELSON M. DELA CRUZ

ADDRESS:
BRGY. CALIPAHAN, TALAVERA, NUEVA ECIA (NEECO 2 AREA 1)

SHEET CONTENT :

AS SHOWN

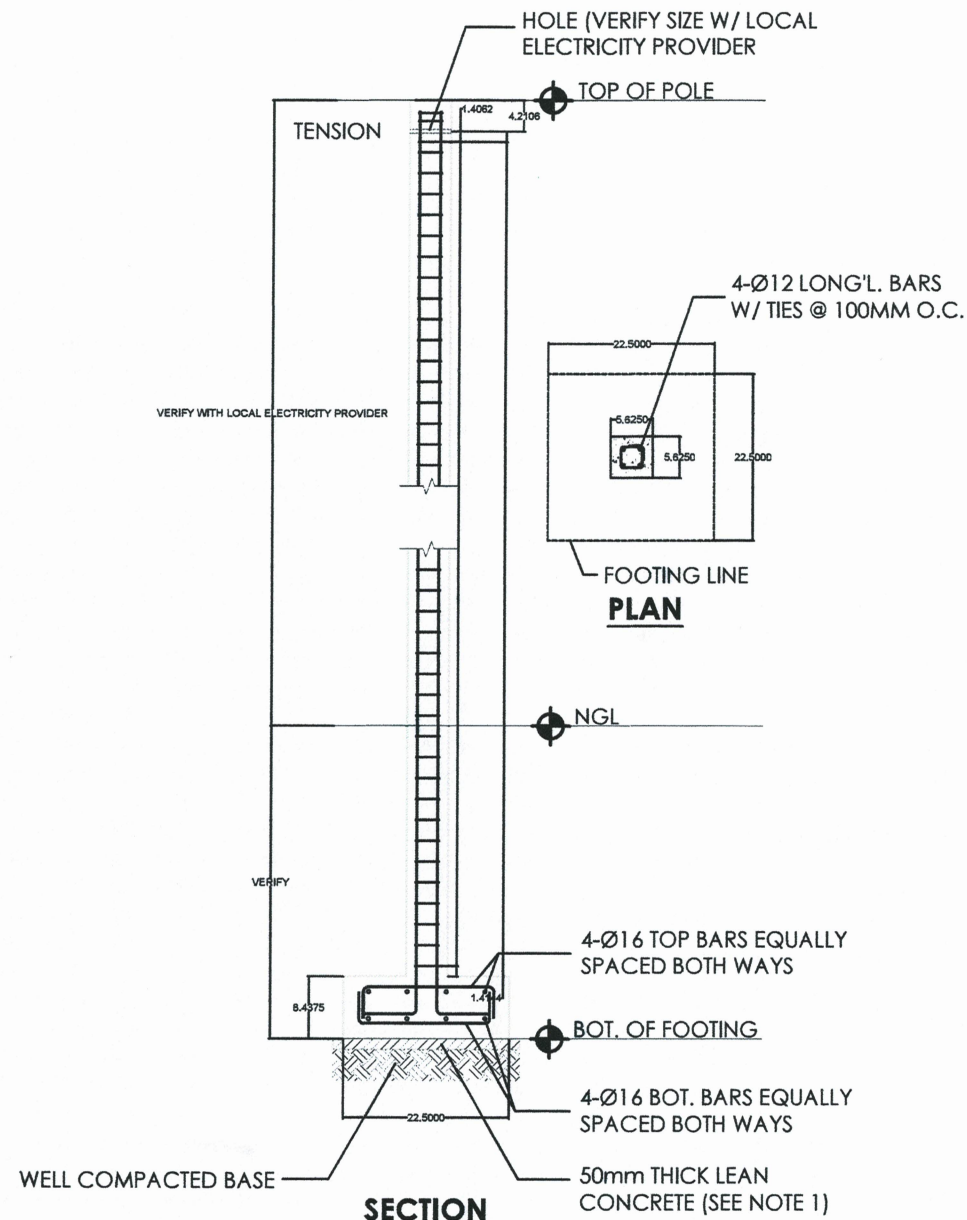
REVISIONS :

REFERENCE :

NSCP-2015
ACI-318M
AISC-16

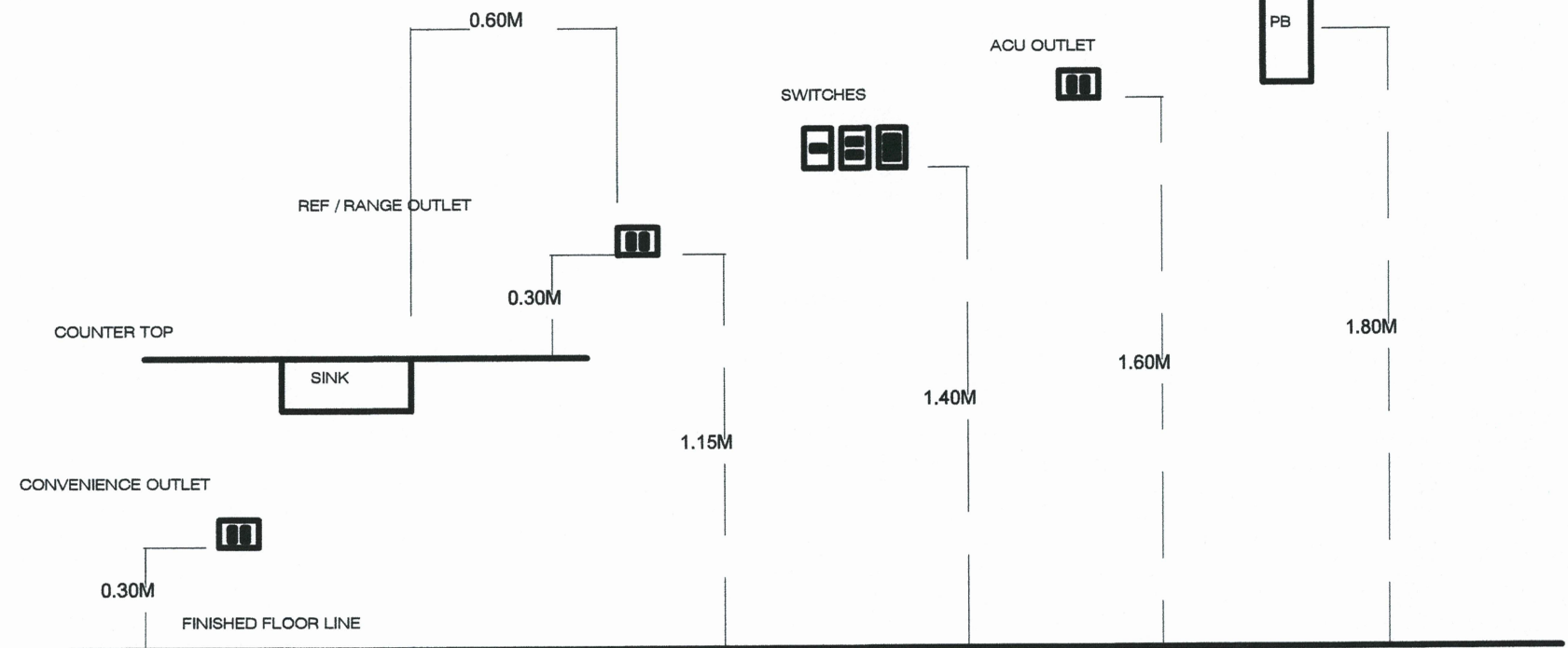
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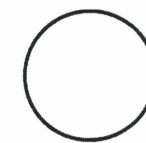


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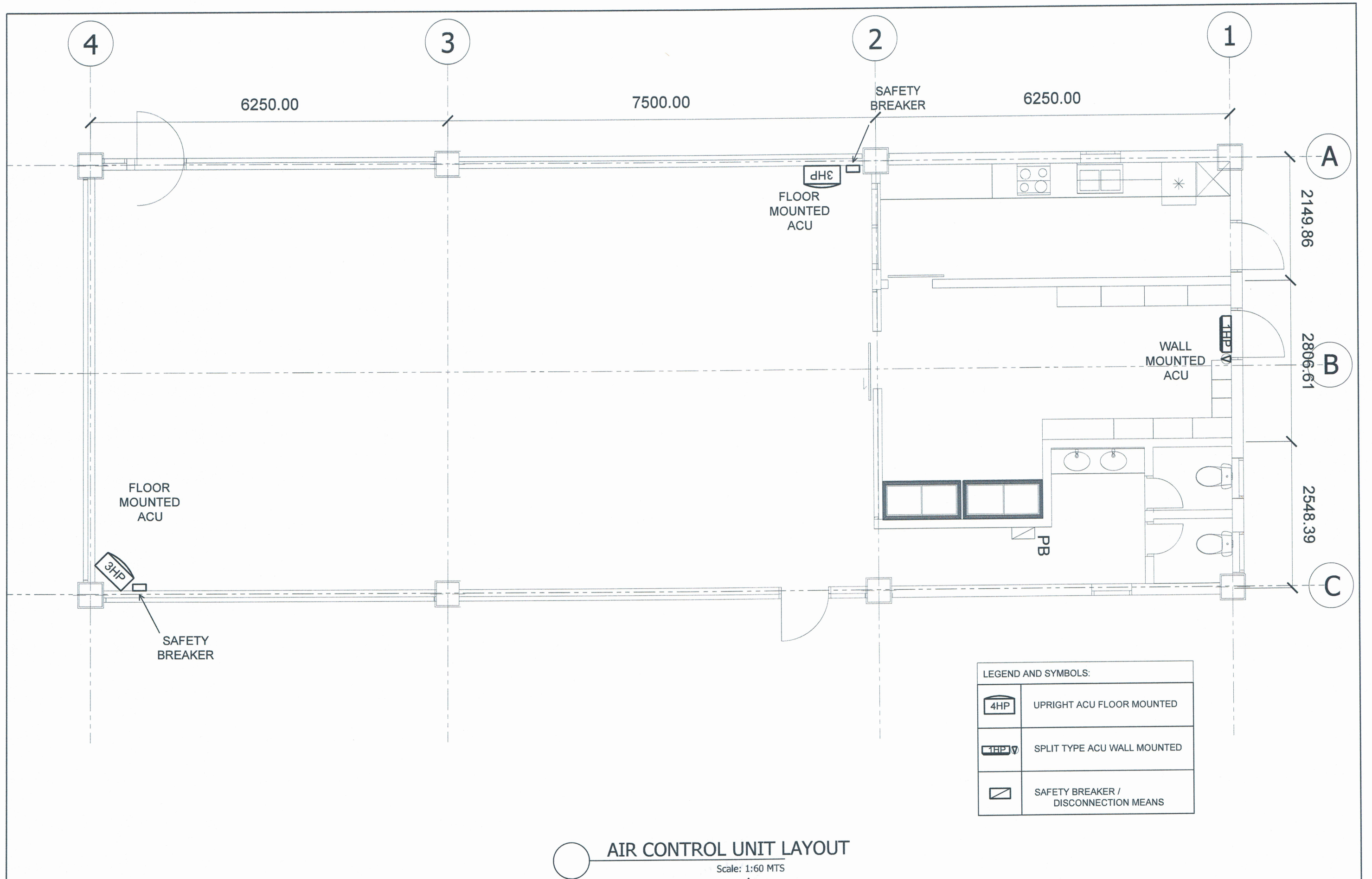
- 1.A WELL COMPACTED AND PROPERLY LEVELED GRAVEL BEDDING (100MM THICK) CAN BE USED IN LIEU OF THE LEAN CONCRETE.
2. VERIFY THE CORRECTNESS OF THIS STANDARD DRAWING TO THE STANDARD REQUIREMENTS OF THE LOCAL ELECTRICITY PROVIDER PRIOR TO CONSTRUCTION OF THE POLE STRUCTURE. ANY DISCREPANCY SHALL BE NOTIFIED TO THE ENGINEER FOR RESOLUTION AND/OR REVISIONS.



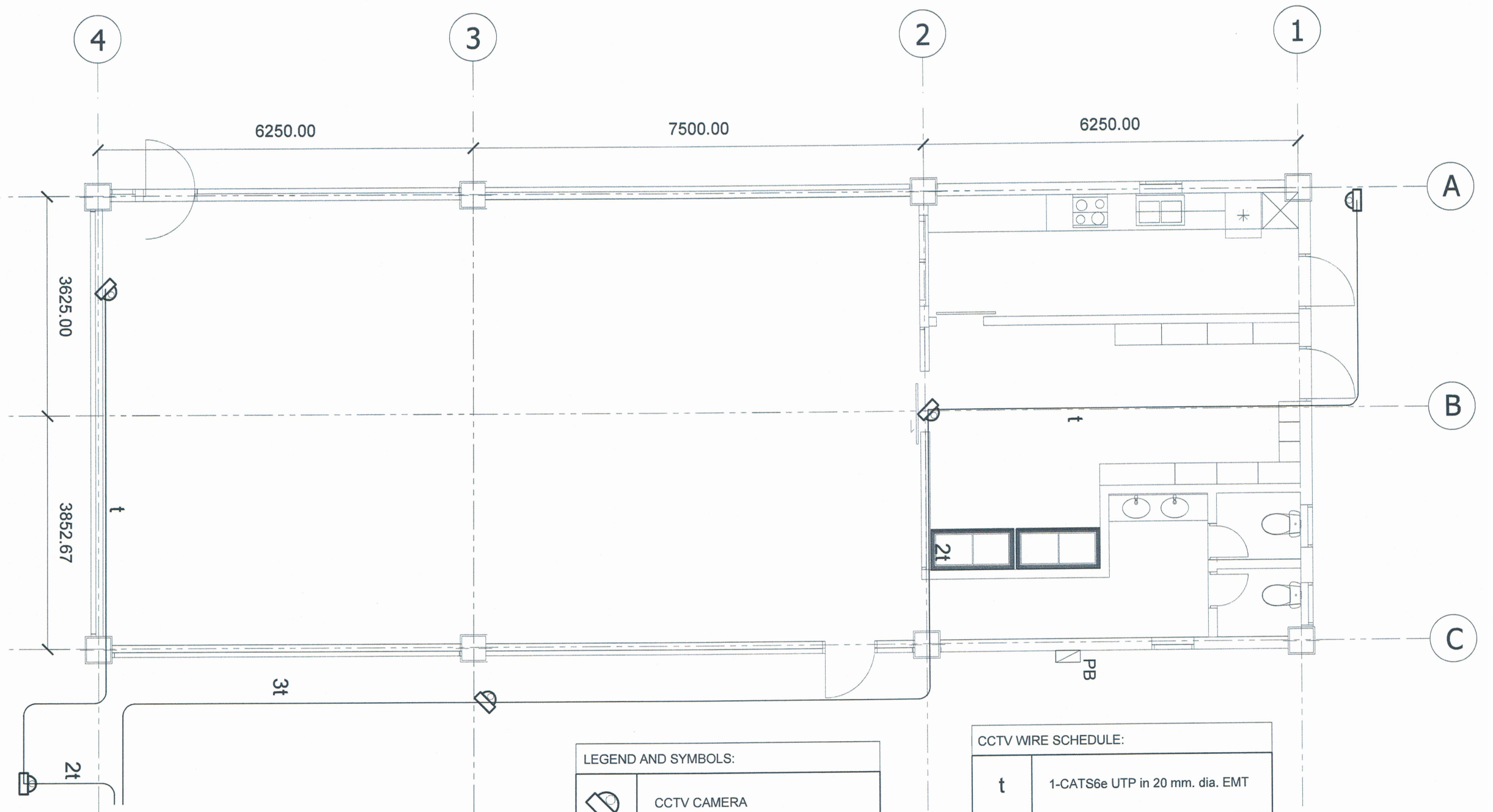
ELECTRICAL MOUNTING DETAILS



 DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT PRC REG NO.: 52888 TIN: 789-846-148 PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026 IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY	IMPORTANT NOTE: These drawings as instruments of service and as such remain the property of the Architect. No copies or reproductions of these drawings are permitted without the consent of the Architect. If reused without permission, the Architect shall be indemnified and held harmless from all liability, legal, exposure, claims, damages, losses and expenses. These drawings shall not be used for issuance of a building permit unless signed and sealed by the Architect. Upon completion of the work, all the drawings (except the contract copies) are to be returned to the Architect.	NOEL T. FLORENCON DIA PROFESSIONAL ELECTRICAL ENGINEER PRC REG NO.: 2877 TIN: 124 817 400 PTR NO.: CBN-2037884 DATE ISSUED: JAN 02-2026 ISSUED AT: CABANATUAN CITY	PROJECT NAME: Kapatiran: Proposed Construction of a Single-Storey Canteen Building LOCATION: Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)???	PROJECT OWNER: ENGR. NELSON M. DELA CRUZ GENERAL MANAGER CAD BY: ENGR. JC GALARDO CHECKED BY: - DATE: 07/31/2026	SHEET NO.: E1
---	--	--	---	---	--	---------------------------------



AIR CONTROL UNIT LAYOUT
Scale: 1:60 MTS



GOING TO
TO
MONITOR
CONTROL ROOM

LEGEND AND SYMBOLS:	
	CCTV CAMERA
	CCTV PULLBOX
	DIGITAL VIDEO RECORDER
	MONITOR CONTROL

CCTV WIRE SCHEDULE:	
t	1-CATS6e UTP in 20 mm. dia. EMT
2t	2-CATS6e UTP in 20 mm. dia. EMT
3t	3-CATS6e UTP in 25 mm. dia. EMT
4t	4-CATS6e UTP in 32 mm. dia. EMT
5t	5-CATS6e UTP in 32 mm. dia. EMT
6t	6-CATS6e UTP in 40 mm. dia. EMT

EL-2-1 CCTV LAYOUT PLAN
Scale: 1:150 MTS



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL

PRINCIPAL ARCHITECT

PRC REG NO.:	52886	TIN:	769-846-146
PTR NO.:	CBN - 2050118	DATE ISSUED:	01/09/2026
IAPOA NO.:	54752	ISSUED AT:	CABANATUAN CITY

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NOEL T. FLORENCONDA

PROFESSIONAL ELECTRICAL ENGINEER

PRC REG NO.:	2877	TIN:	124 817 400
PTR NO.:	CBN-2037884	DATE ISSUED:	JAN 02-2026
		ISSUED AT:	CABANATUAN CITY

PROJECT NAME:

Kapatiran: Proposed Construction of a
Single-Storey Canteen Building

PROJECT OWNER:

ENGR. NELSON M. DELA CRUZ
GENERAL MANAGER

SHEET NO.:

E5

LOCATION:

Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)???

CAD BY:

ENGR. JOE SALARDO

CHECKED BY:

-

DATE:

07/31/2026

PANEL BOARD									
CKT NO.	LOAD DESCRIPTION	QUANTITY	WATTS	VOLTS	AMPERE	CKT. BREAKER	SIZE OF WIRE	GROUNDING	SIZE OF CONDUIT
1	LIGHTING OUTLET								
	- SURFACE LIGHT (SQUARE)	2	36	230	0.83	16 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
	- SLIM TYPE LED LIGHT	4	48	230					
	- PIN LIGHT	2	18	230					
	- EXHAUST FAN	3	90	230					
2	LIGHTING OUTLET								
	- SURFACE LIGHT (SQUARE)	6	108	230	0.47	16 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
3	LIGHTING OUTLET								
	- SURFACE LIGHT (SQUARE)	4	72	230	1.70	16 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
	- TRACK LIGHT	2	240	230					
	- CEILING FAN	1	80	230					
4	LIGHTING OUTLET								
	- SURFACE LIGHT (SQUARE)	5	90	230	1.78	16 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
	- TRACK LIGHT	2	240	230					
	- CEILING FAN	1	80	230					
5	CONVENIENCE OUTLET	7	1260	230	5.48	20 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
6	CONVENIENCE OUTLET	6	1080	230	4.70	20 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
7	REFRIGERATOR	1	1000	230	4.35	20 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
8	FREEZER	1	1000	230	4.35	32 AT, 2P	2-5.5mm² THHN	1-3.5mm² TW	20mmØ PVC
9	FREEZER	1	1000	230	4.35	32 AT, 2P	2-5.5mm² THHN	1-3.5mm² TW	20mmØ PVC
10	RANGE & RANGE HOOD	1	3800	230	16.52	32 AT, 2P	2-5.5mm² THHN	1-3.5mm² TW	20mmØ PVC
11	SPLIT TYPE ACU 1.5 HP	1	2300	230	10.00	32 AT, 2P	2-5.5mm² THHN	1-3.5mm² TW	20mmØ PVC
12	UPRIGHT ACU 3HP	1	2750	230	11.96	32 AT, 2P	2-5.5mm² THHN	1-3.5mm² TW	20mmØ PVC
13	UPRIGHT ACU 3HP	1	2750	230	11.96	32 AT, 2P	2-5.5mm² THHN	1-3.5mm² TW	20mmØ PVC
14	SPARE	1	1000	230	4.35	20 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
15	SPARE	1	1000	230	4.35	20 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
16	SPARE	1	1000	230	4.35	20 AT, 2P	2-3.5mm² THHN	1-2.0mm² TW	20mmØ PVC
	TOTAL		21042.00	230	91.49				
TOTAL CURRENT = [91.49 + (25% OF 11.96)] x 100%= 94.98A USE: 2-38mm² THHN + 1-8.0mm² TW GROUND IN 40mm RSC 125AT / 150AF, 2POLE, 230V, 60Hz, MOLDED CASE CIRCUIT BREAKER									

GENERAL NOTES AND SPECIFICATIONS

1. ALL ELECTRICAL WORKS HEREIN SHALL BE EXECUTED IN ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE COMPANIES.
2. THE ELECTRICAL SERVICE POWER TO THE UNIT SHALL BE SINGLE PHASE WITH GROUND, 230v, 60HZ
3. RACEWAY SHALL BE PVC UNLESS SPECIFIED. MINIMUM SIZE FOR ALL CONDUIT SHALL BE 16mmØ ELECTRICAL TRADE SIZE.
4. ALL WIRE SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLANS. THE MINIMUM SIZE FOR POWER 3.5mm² AND LIGHTING SHALL BE 2.0mm² AND SHALL BE RATED AT 600VAC.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16, DEEP TYPE WITH FACTORY KNOCKOUTS.
6. ALL ELECTRICAL PANEL BOARD AND CIRCUIT BREAKERS SHALL BE MOLDED CASE TYPE.
7. ALL WIRING DEVICES SHALL BE F APPROVED TYPE.
8. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND MUST BE APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE INTENDED.
9. PROVIDE GROUNDING SYSTEM TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
10. COVER ALL JUNCTION BOXES (NO EXPOSED WIRE).
11. MOUNTING HEIGHTS OF WIRING DEVICES SHALL BE AS FOLLOWS:

11.1 CONVENIENCE OUTLETS

400mm ABOVE FINISH FLOOR

11.2 LIGHT SWITCHES

1800mm ABOVE FINISH FLOOR

11.3 PANEL BOARD

2400mm ABOVE FINISH FLOOR

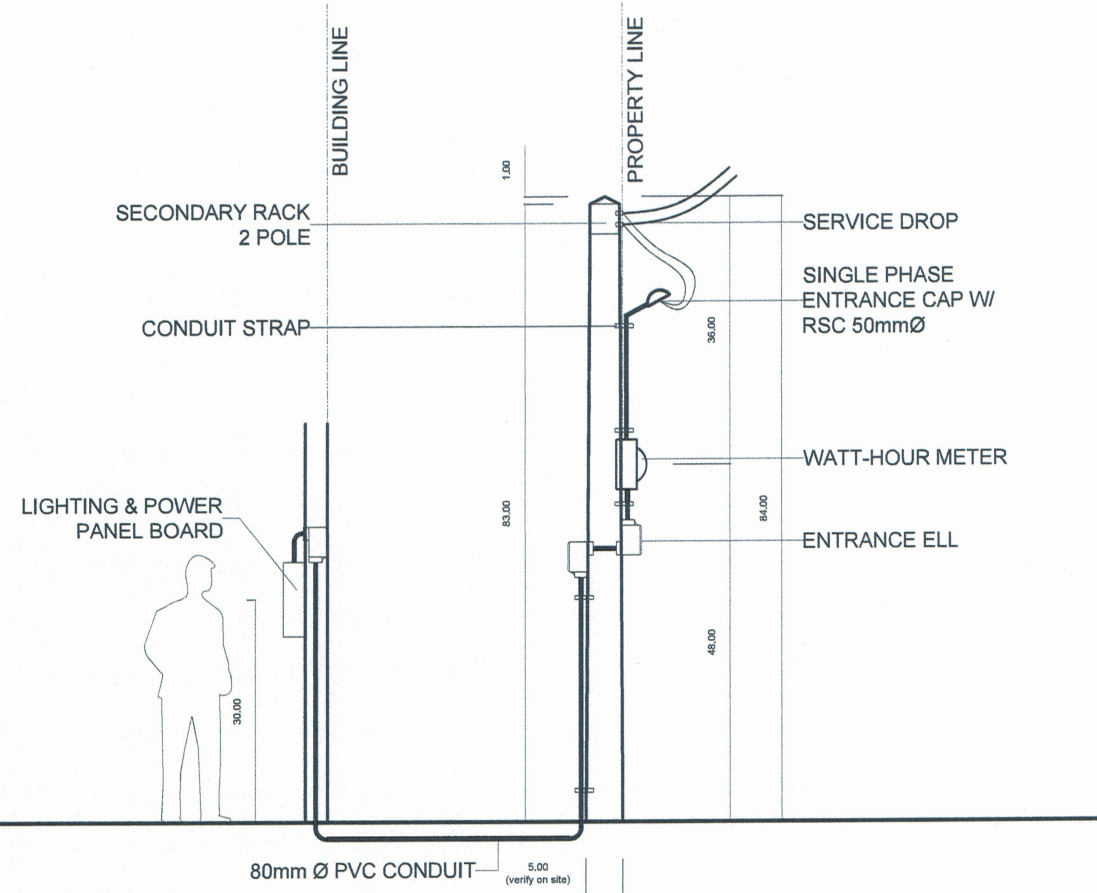
11.4 COUNTER TOP

150mm ABOVE THE TABLE
12. ALL ELECTRICAL WORKS HEREIN SHALL BE EXECUTED BY EXPERIENCED MEN UNDER THE DIRECT SUPERVISION OF A FULL TIME LICENSED ELECTRICAL ENGINEER. WORKS SHALL BE NEATLY PLACED, SECURELY FASTENED AND PROPERLY FINISHED.

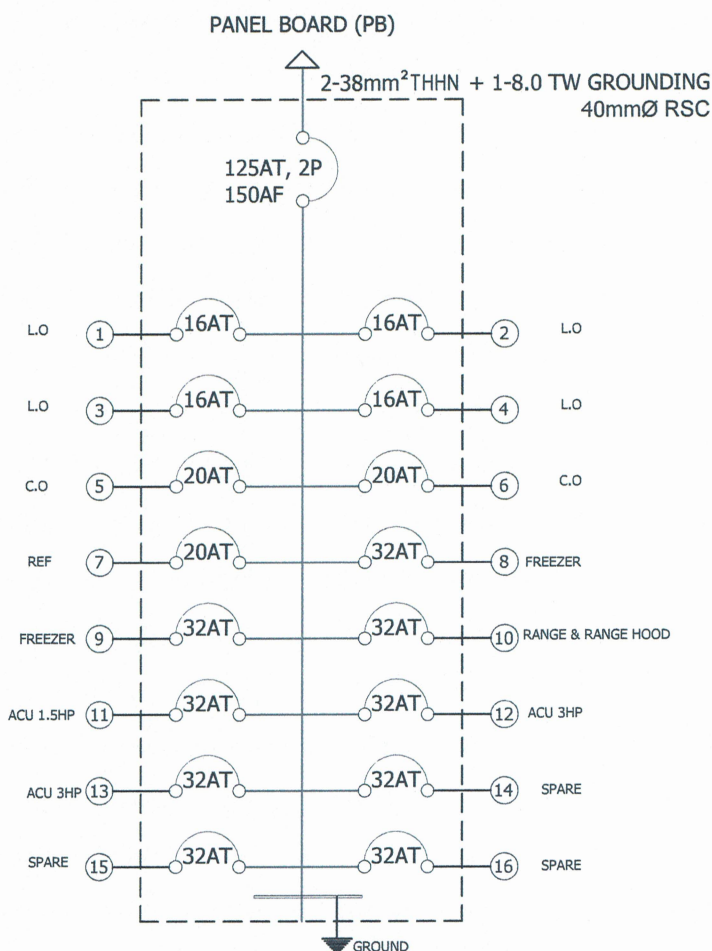
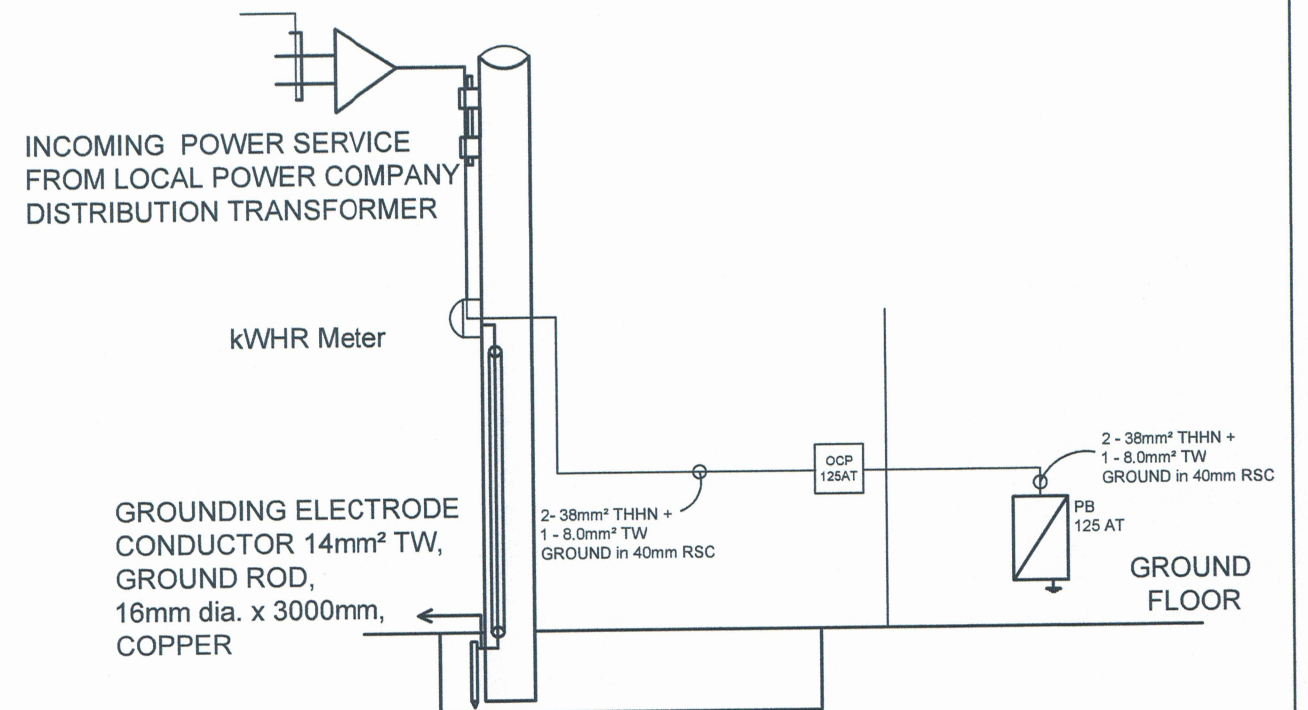
EL-2-2

RISER DIAGRAM

NTS



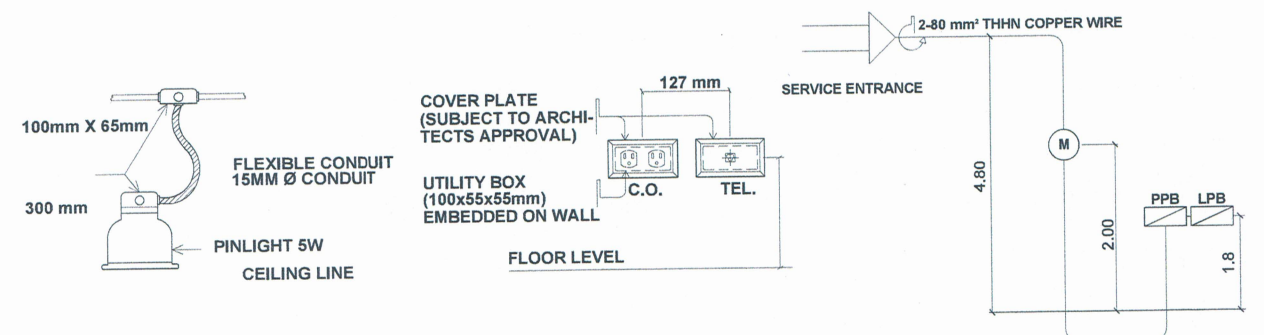
DISTRIBUTION TRANSFORMER



LEGEND AND SYMBOLS:	
	CIRCUIT BREAKER
	KILOWATT-HOUR METER
	PANEL BOARD
	OVERCURRENT PROTECTION

EL-2-2 RISER DIAGRAM

NTS



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL

PRINCIPAL ARCHITECT

PRC REG NO.: 52886 TIN: 769-846-146

PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026

IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY

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NOEL Y. FLORENCONIA

PROFESSIONAL ELECTRICAL ENGINEER

PRC REG NO.: 2877 TIN: 124 817 400

PTR NO.: CBN-2037884 DATE ISSUED: JAN 02-2026

ISSUED AT: CABANATUAN CITY

PROJECT NAME:

Kapatiran: Proposed Construction of a Single-Storey Canteen Building

LOCATION:

Brgy. Calipahan, Talavera, Nueva Ecija (NEECO 2 Area 1)???

PROJECT OWNER:

ENGR. NELSON M. DELA CRUZ

GENERAL MANAGER

CAD BY: ENGR. JC GABARDO

CHECKED BY: -

DATE: 07/31/2026

SHEET NO.:

E7

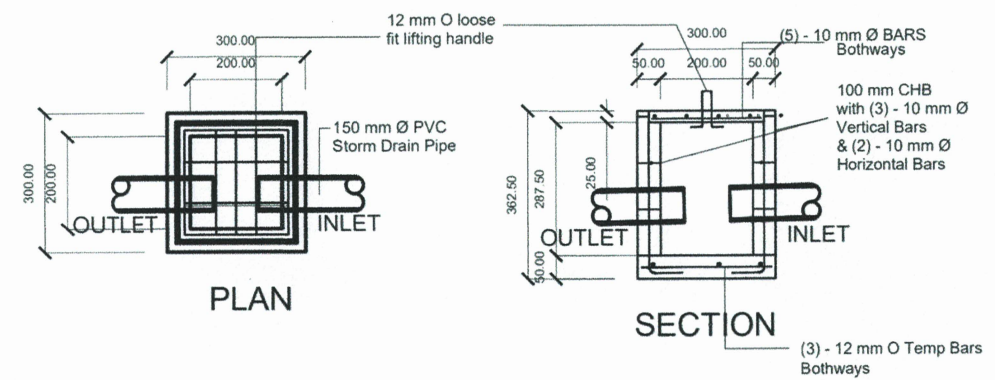
PLUMBING NOTES:

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PLUMBING CODE OF THE PHILIPPINES AND ITS RULES AND REGULATIONS.
2. ALL PIPE ARE INSTALLED AS INDICATED, THE RELOCATION REQUIRED FOR PROPER EXECUTION OF OTHER TRADES HAVE BEEN CONDUCTED PRIOR OF THE ARCHITECT OR ENGINEER.
3. ALL MATERIALS, FIXTURES AND EQUIPMENT TO BE USED IN THE PLUMBING INSTALLATION SHALL BE NEW, OF THE APPROVED TYPE AND SIZE AS TO ITS INTENDED USAGE.
4. DRAINAGE PIPING SHALL BE PROVIDED WITH APPROVED INLET FITTINGS FOR FIXTURE CONNECTIONS, CORRECTLY LOCATED ACCORDING TO THE SIZE AND TYPE OF FIXTURE PROPOSED.
5. CHANGE IN DIRECTION IN DRAINAGE PIPING SHALL BE MADE WITH APPROPRIATE USE OF APPROVED FITTINGS AND SHALL BE OF THE APPROVED AVAILABLE ANGLES.
6. PROVIDE CLEANOUT FOR EACH CHANGE IN DIRECTION IF THE TOTAL AGGREGATE CHANGE EXCEEDS 135°.
7. HORIZONTAL DRAINAGE PIPING SHALL RUN IN PRACTICAL ALIGNMENT AND A UNIFORM SLOPE OF NOTE LESS THAN 1/4 OF AN INCH OR 2% TOWARD THE POINT OF DISPOSAL..
8. PIPING SHALL BE LAID ON A FIRM BED THROUGH OUT ITS ENTIRE LENGTH. IF ANY SUCH PIPING IS LAID IN MADE OR FILLED GROUND, IT SHALL BE LAID ON A BED OF APPROVED MATERIALS AND SHALL BE ADEQUATELY SUPPORTED.

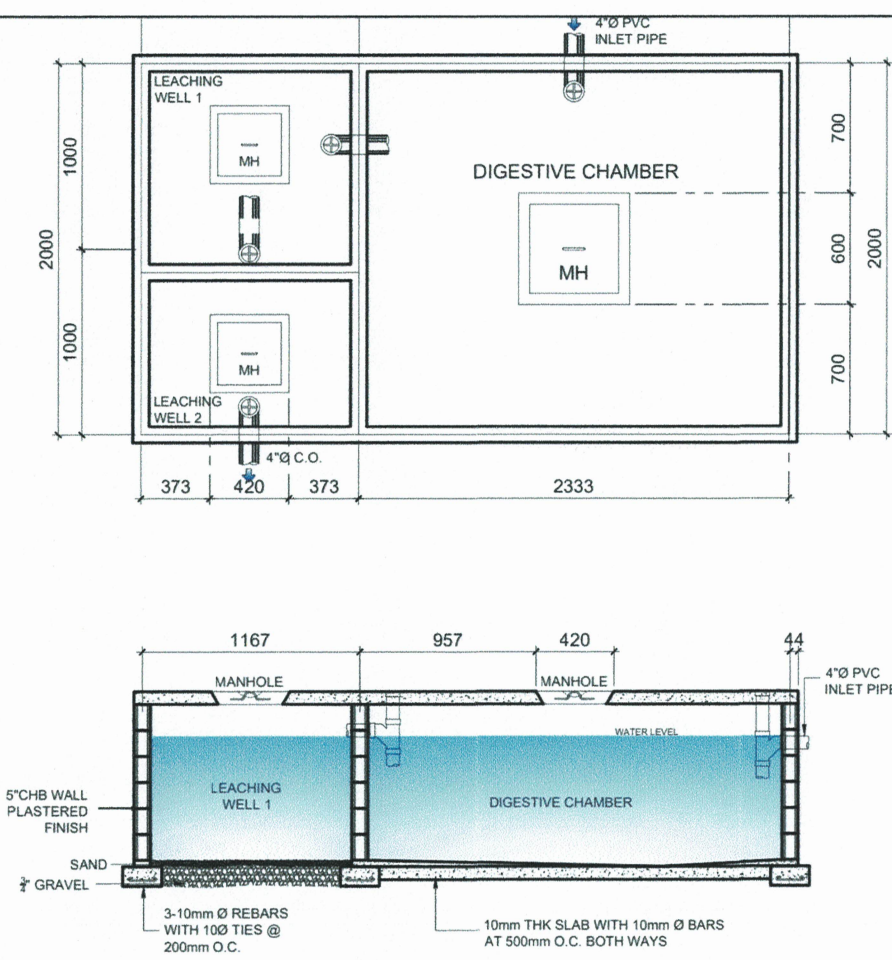
9. UNLESS PROHIBITED BY STRUCTURAL CONDITIONS, EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN 6" ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY.
10. EACH VENT PIPE OR STACK SHALL EXTEND THROUGH ITS FLASHING AND SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE THE ROOF AND 1 FEET FROM ANY VERTICAL SURFACE.
11. SIZES OF WATER SUPPLY PIPES TO FIXTURES ARE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
12. ALL PIPES SIZES ARE IN INCHES (") AND ALL DIMENSIONS ARE IN MILLIMETER (mm) UNLESS OTHERWISE SPECIFIED.

LEGEND:

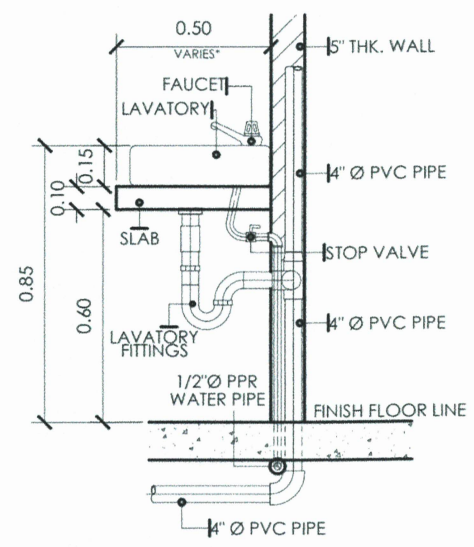
LAV	LAVATORY	GT	GREASE TRAP
WC	WATER CLOSET	CV	CHECK VALVE
FD	FLOOR DRAIN	CB	CATCH BASIN
KS	KITCHEN SINK	ST	SEPTIC TANK
SHO	SHOWER DRAIN	MH	MAN HOLE
CO	CLEAN OUT	UR	URINAL
GV	GATE VALVE	SD	STORM DRAIN
HB	HOSE BIBB	→	TAP WATER FLOW
WM	WATER METER	→	WASTE WATER FLOW



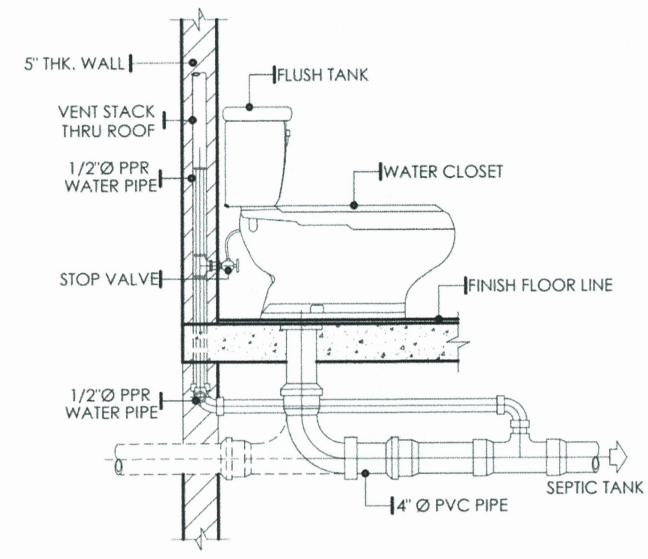
PL-2-3 CATCH BASIN DETAIL
Scale: 1:16 MTS



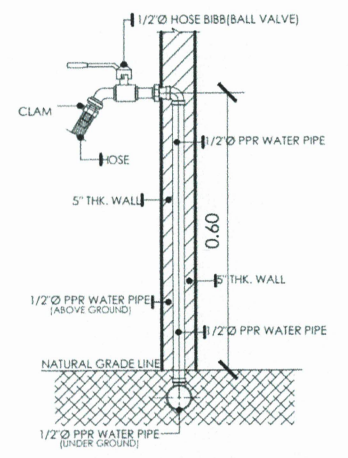
SEPTIC TANK DETAILS
Scale: 1:40 MTS



(TYPICAL DESIGN)
LAVATORY DETAILS



(TYPICAL DESIGN)
WATER CLOSET DETAILS



(TYPICAL DESIGN)
HOSE BIBB DETAILS



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL
PRINCIPAL ARCHITECT

PRC REG NO.:	20886	TIN:	769-846-146
PTR NO.:	CBN - 2050118	DATE ISSUED:	01/09/2026
IAPOA NO.:	54752	ISSUED AT:	CABANATUAN CITY

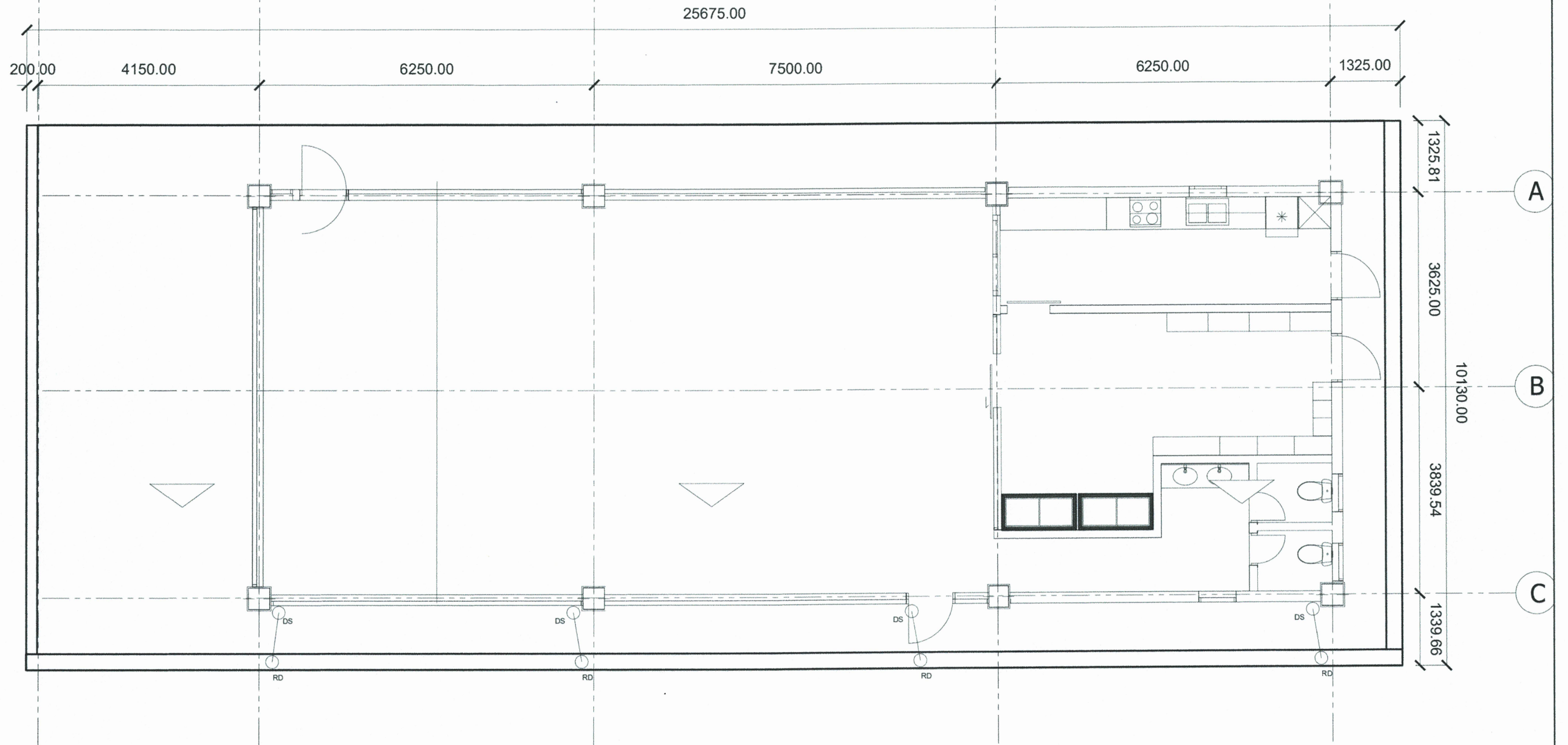
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ARJEE EUGENIO
REGISTERED MASTER PLUMBER
PRC NO: 14110
TIN: 769-846-146
PTR NO: 2050233
ISSUED ON: 01/09/2026
ISSUED AT: Cabanatuan City, Nueva Ecija

PROJECT NAME:	PROPOSED STORM WATER MANAGEMENT SYSTEM
LOCATION:	NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.

PROJECT OWNER:	ENGR. NELSON M. DELA CRUZ GENERAL MANAGER
CAD BY:	AR. LJ GABRIEL
CHECKED BY:	AR. J.V. TABIOS
DATE:	07/31/2026

SHEET NO.:
P1

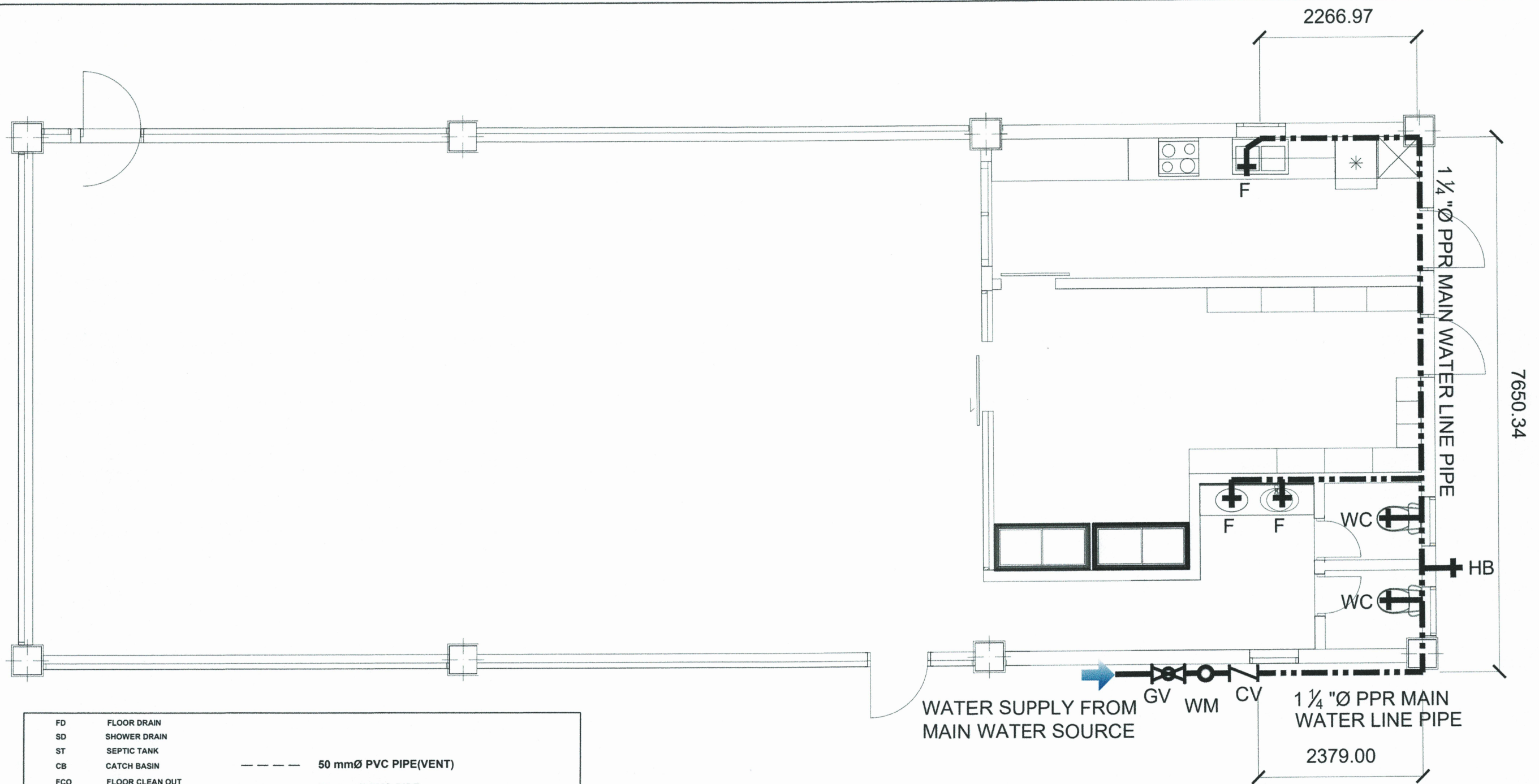


LEGEND:

LAV	LAVATORY	GT	GREASE TRAP
WC	WATER CLOSET	CV	CHECK VALVE
FD	FLOOR DRAIN	CB	CATCH BASIN
KS	KITCHEN SINK	ST	SEPTIC TANK
SHO	SHOWER DRAIN	MH	MAN HOLE
CO	CLEAN OUT	UR	URINAL
GV	GATE VALVE	SD	STORM DRAIN
HB	HOSE BIBB	→	TAP WATER FLOW
WM	WATER METER	→	WASTE WATER FLOW

DOWN SPOUT LAYOUT PLAN
Scale: 1:80 MTS

 DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION* ESTIMATE* DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		IMPORTANT NOTE: These drawings as instruments of service and as such remain the property of the Architect. No copies or reproductions of these drawings are permitted without the consent of the Architect. If reused without permission, the Architect shall be indemnified and held harmless from all liability, legal, exposure, claims, damages, losses and expenses. These drawings shall not be used for issuance of a building permit unless signed and sealed by the Architect. Upon completion of the work, all the drawings (except the contract copies) are to be returned to the Architect.	AR. JEE JEAN B. EUGENO REGISTERED MASTER PLUMBER PRC NO: 11110, MASTER PLUMBER 642-125-819-000 FIN: 642-125-819-000 ISSUED ON: 01/31/2026 ISSUED AT: Cabanatuan City, Nueva Ecija		PROJECT NAME: PROPOSED STORM WATER MANAGEMENT SYSTEM		PROJECT OWNER: ENGR. NELSON M. DELA CRUZ GENERAL MANAGER		P2
	PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026			LOCATION: NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.		CAD BY: AR. LJ GABRIEL	CHECKED BY: AR. J.V. TABIOS	DATE: 07/31/2026		
	IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY									



7650.34

2266.97

1 1/4" Ø PPR MAIN WATER LINE PIPE

1 1/4" Ø PPR MAIN WATER LINE PIPE

2379.00

WATER SUPPLY FROM
MAIN WATER SOURCE

COLD WATER LINE LAYOUT

Scale: 1:60 MTS

FD	FLOOR DRAIN	---	50 mm Ø PVC PIPE (VENT)
SD	SHOWER DRAIN	---	50 mm Ø PVC PIPE
ST	SEPTIC TANK	---	75 mm Ø PVC PIPE
CB	CATCH BASIN	---	100 mm Ø PVC PIPE
FCO	FLOOR CLEAN OUT	---	150 mm Ø PVC PIPE
WCO	WALL CLEAN OUT	---	12 mm Ø GI PIPE
CO	CLEAN OUT	---	20 mm Ø GI PIPE
VTR	VENT THRU ROOF	---	HOT WATER LINE
KS	KITCHEN SINK	---	HOT WATER LINE
WC	WATER CLOSET	---	COLD WATER LINE
LAV	LAVATORY	---	DRAINAGE WASTE & VENT
F	FAUCET	---	FIRE HOSE CABINET
HB	HOSE BIBB	---	
SH	SHOWER HEAD	---	
BT	BATH TUB	---	
CV	CHECK VALVE	---	
WM	WATER METER	---	
GV	GATE VALVE	---	
R	REDUCER	---	
U	UNION	---	
UR	URINAL	---	
MH	MANHOLE	---	



DIAMANTE

ARCHITECTURAL DESIGN SERVICES
CONSULTATION * ESTIMATE * DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL

PRINCIPAL ARCHITECT

PRC REG NO.:	52886	TIN:	769-846-146
PTR NO.:	CBN - 2050118	DATE ISSUED:	01/09/2026
IAPOA NO.:	54752	ISSUED AT:	CABANATUAN CITY

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PRC NO: 18110

TIN: 642-125-819-000

PTR NO: MASTER PLUMBER CBN-2050233

ISSUED ON: 01-12-2026

ISSUED AT: Cabanatuan City, Nueva Ecija

PTR NO.:	DATE ISSUED:
---	---
---	ISSUED AT:

PROJECT NAME:

PROPOSED STORM WATER
MANAGEMENT SYSTEM

LOCATION:

NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.

PROJECT OWNER:

ENGR. NELSON M. DELA CRUZ

GENERAL MANAGER

CAD BY:

AR. LJ GABRIEL

CHECKED BY:

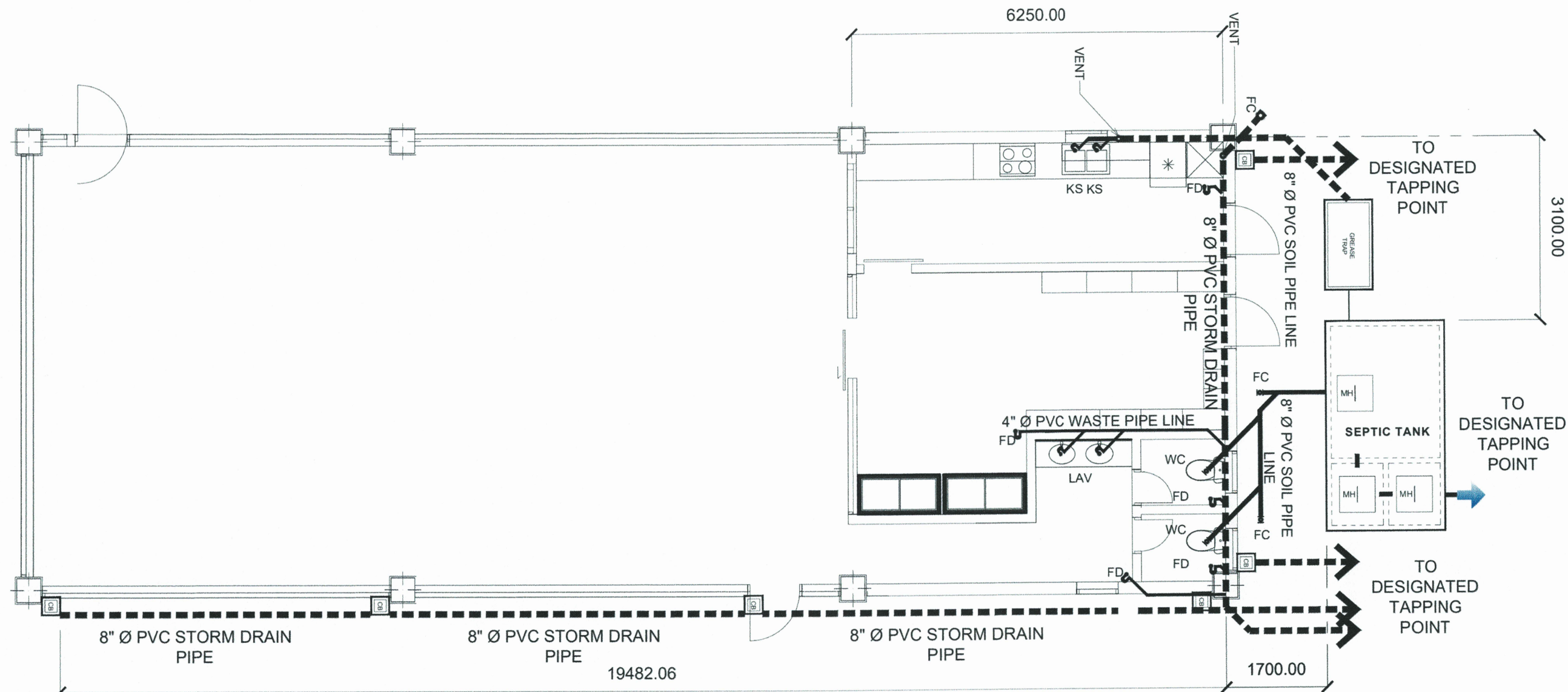
AR. J.V. TABIOS

DATE:

07/31/2026

SHEET NO.:

P3



WASTE LINE LAYOUT

Scale: 1:75MTS

FD	FLOOR DRAIN	---	50 mm Ø PVC PIPE(VENT)
SD	SHOWER DRAIN	---	50 mm Ø PVC PIPE
ST	SEPTIC TANK	---	75 mm Ø PVC PIPE
CB	CATCH BASIN	---	100 mm Ø PVC PIPE
FCO	FLOOR CLEAN OUT	---	150 mm Ø PVC PIPE
WCO	WALL CLEAN OUT	---	12 mm Ø GI PIPE
CO	CLEAN OUT	---	20 mm Ø GI PIPE
VTR	VENT THRU ROOF	---	HOT WATER LINE
KS	KITCHEN SINK	---	HOT WATER LINE
WC	WATER CLOSET	---	COLD WATER LINE
LAV	LAVATORY	---	DRAINAGE WASTE & VENT
F	FAUCET	---	FIRE HOSE CABINET
HB	HOSE BIBB	---	
SH	SHOWER HEAD	---	
BT	BATH TUB	---	
CV	CHECK VALVE	---	
WM	WATER METER	---	
GV	GATE VALVE	---	
R	REDUCER	---	
U	UNION	---	
UR	URINAL	---	
MH	MANHOLE	---	



DIAMANTE

ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL

PRINCIPAL ARCHITECT

PRC REG NO.: 52886 TRN: 769-846-146

PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026

IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY

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AR. JUAN E. EUGENIO

REGISTERED MASTER PLUMBER

PRC NO: 18110

FIN: 847-125-849-000

PTB NO: MASTER PLUMBER

ISSUED AT: Cabanatuan City, Nueva Ecija

DATE ISSUED: 01/09/2026

PROJECT NAME:

PROPOSED STORM WATER
MANAGEMENT SYSTEM

LOCATION:

NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.

PROJECT OWNER:

ENGR. NELSON M. DELA CRUZ

GENERAL MANAGER

CAD BY:

AR. LJ GABRIEL

CHECKED BY:

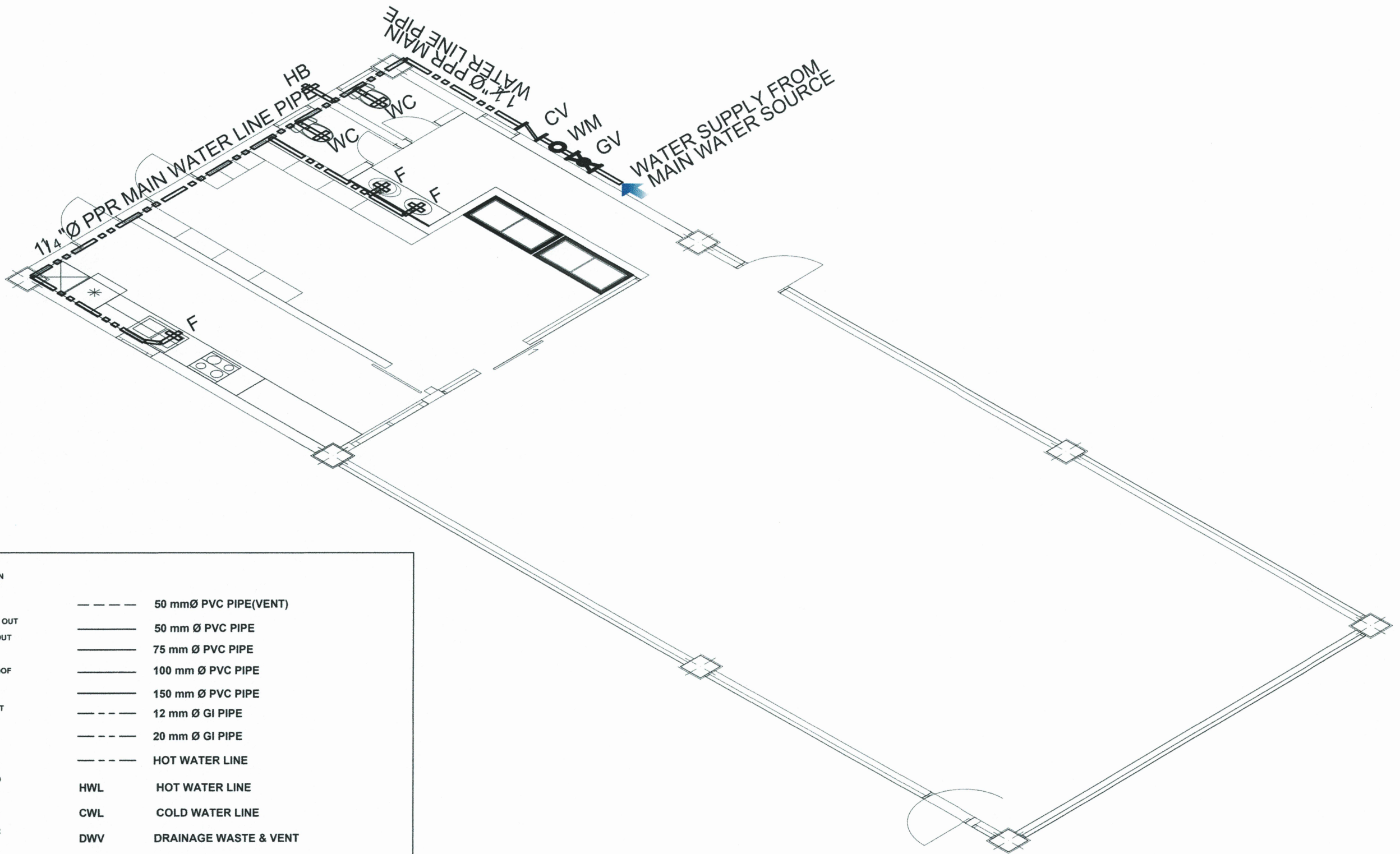
AR. J.V. TABIOS

DATE:

07/31/2026

SHEET NO.:

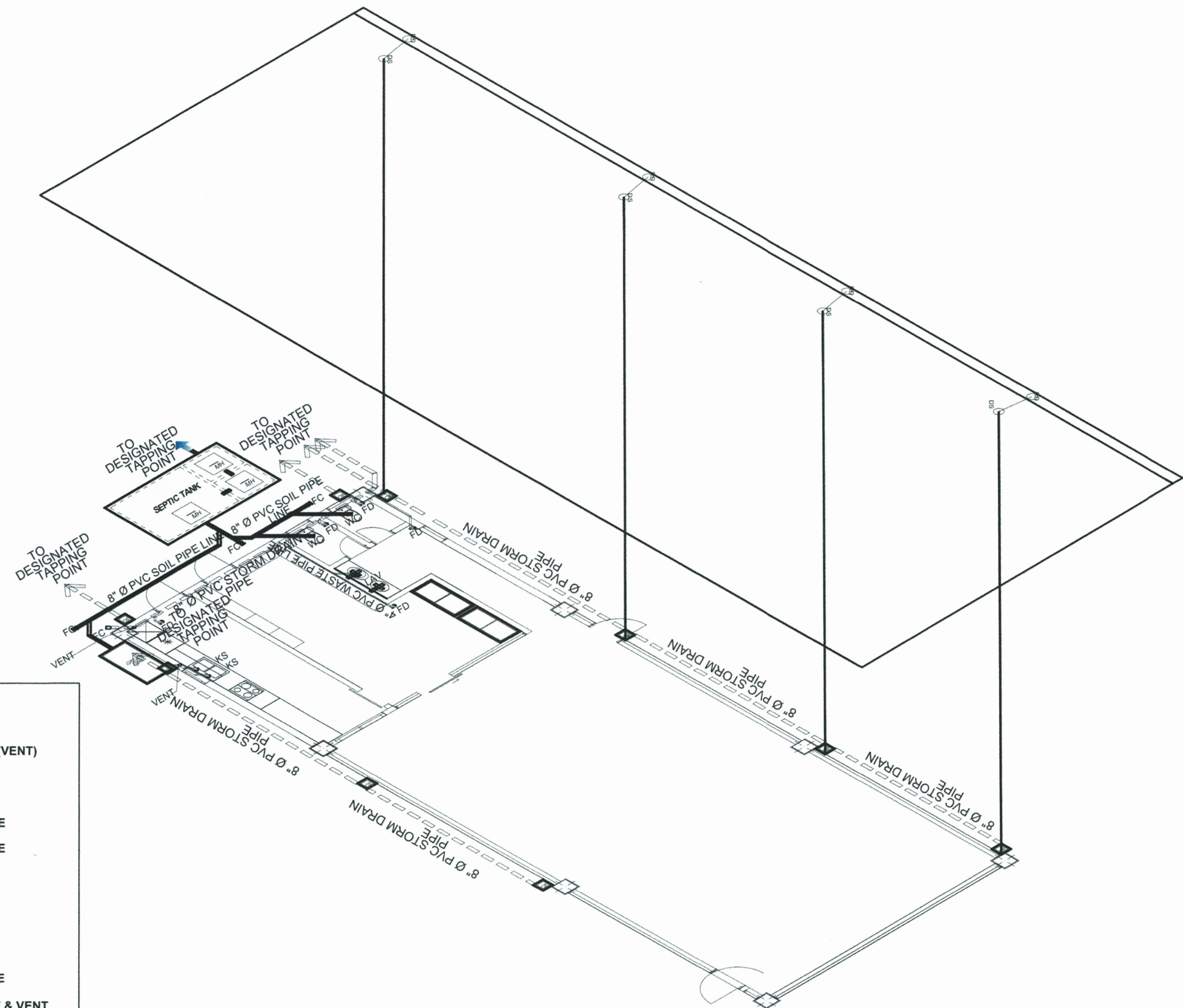
P4



FD	FLOOR DRAIN	---	50 mmØ PVC PIPE(VENT)
SD	SHOWER DRAIN	---	50 mm Ø PVC PIPE
ST	SEPTIC TANK	---	75 mm Ø PVC PIPE
CB	CATCH BASIN	---	100 mm Ø PVC PIPE
FCO	FLOOR CLEAN OUT	---	150 mm Ø PVC PIPE
WCO	WALL CLEAN OUT	---	12 mm Ø GI PIPE
CO	CLEAN OUT	---	20 mm Ø GI PIPE
VTR	VENT THRU ROOF	---	HOT WATER LINE
KS	KITCHEN SINK	---	HOT WATER LINE
WC	WATER CLOSET	---	COLD WATER LINE
LAV	LAVATORY	---	DRAINAGE WASTE & VENT
F	FAUCET	---	FIRE HOSE CABINET
HB	HOSE BIBB	---	
SH	SHOWER HEAD	---	
BT	BATH TUB	---	
CV	CHECK VALVE	---	
WM	WATER METER	---	
GV	GATE VALVE	---	
R	REDUCER	---	
U	UNION	---	
UR	URINAL	---	
MH	MANHOLE	---	

GROUND FLOOR ISOMETRIC LAYOUT (COLD WATER LINE)
Scale: 1:60MTS

DIAMANTE ARCHITECTURAL DESIGN SERVICES CONSULTATION * ESTIMATE * DESIGN AND BUILD	AR. LEIAN JOY J. GABRIEL PRINCIPAL ARCHITECT		IMPORTANT NOTE: These drawings as instruments of service and as such remain the property of the Architect. No copies or reproductions of these drawings are permitted without the consent of the Architect. If reused without permission, the Architect shall be indemnified and held harmless from all liability, legal, exposure, claims, damages, losses and expenses. These drawings shall not be used for issuance of a building permit unless signed and sealed by the Architect. Upon completion of the work, all the drawings (except the contract copies) are to be returned to the Architect.	AR. JEE JUAN B. EUGENO REGISTERED MASTER PLUMBER PRC NO: 1810 TIN: 642 125 940 000 DATE ISSUED: 07/31/2026 ISSUED AT: CAGAYAN DE ORO, NUEVA ECija		PROJECT NAME: PROPOSED STORM WATER MANAGEMENT SYSTEM		PROJECT OWNER: ENGR. NELSON M. DELA CRUZ GENERAL MANAGER		SHEET NO.: P5
	PRC REG NO.: 52886 TIN: 769-846-146			LOCATION: NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.		CAD BY: AR. LJ GABRIEL		CHECKED BY: AR. J.V. TABIOS		
	PTR NO.: CBN - 2050118 DATE ISSUED: 01/09/2026			DATE ISSUED: 07/31/2026		DATE: 07/31/2026				
	IAPOA NO.: 54752 ISSUED AT: CABANATUAN CITY			DATE ISSUED: 07/31/2026		DATE: 07/31/2026				



FD	FLOOR DRAIN	---	50 mm Ø PVC PIPE (VENT)
SD	SHOWER DRAIN	---	50 mm Ø PVC PIPE
ST	SEPTIC TANK	---	75 mm Ø PVC PIPE
CB	CATCH BASIN	---	100 mm Ø PVC PIPE
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WCO	WALL CLEAN OUT	---	12 mm Ø GI PIPE
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VTR	VENT THRU ROOF	---	HOT WATER LINE
KS	KITCHEN SINK	HWL	HOT WATER LINE
WC	WATER CLOSET	CWL	COLD WATER LINE
LAV	LAVATORY	DWV	DRAINAGE WASTE & VENT
F	FAUCET	FHC	FIRE HOSE CABINET
HB	HOSE BIBB		
SH	SHOWER HEAD		
BT	BATH TUB		
CV	CHECK VALVE		
WM	WATER METER		
GV	GATE VALVE		
R	REDUCER		
U	UNION		
UR	URINAL		
MH	MANHOLE		

GROUND FLOOR ISOMETRIC LAYOUT (WASTE PIPES)

Scale: 1:100 MTS



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL

PRC REG NO.:	52886	TIN:	769-846-146
PTR NO.:	CBN - 2050118	DATE ISSUED:	01/09/2026
IAPDA NO.:	54752	ISSUED AT:	CABANATUAN CITY

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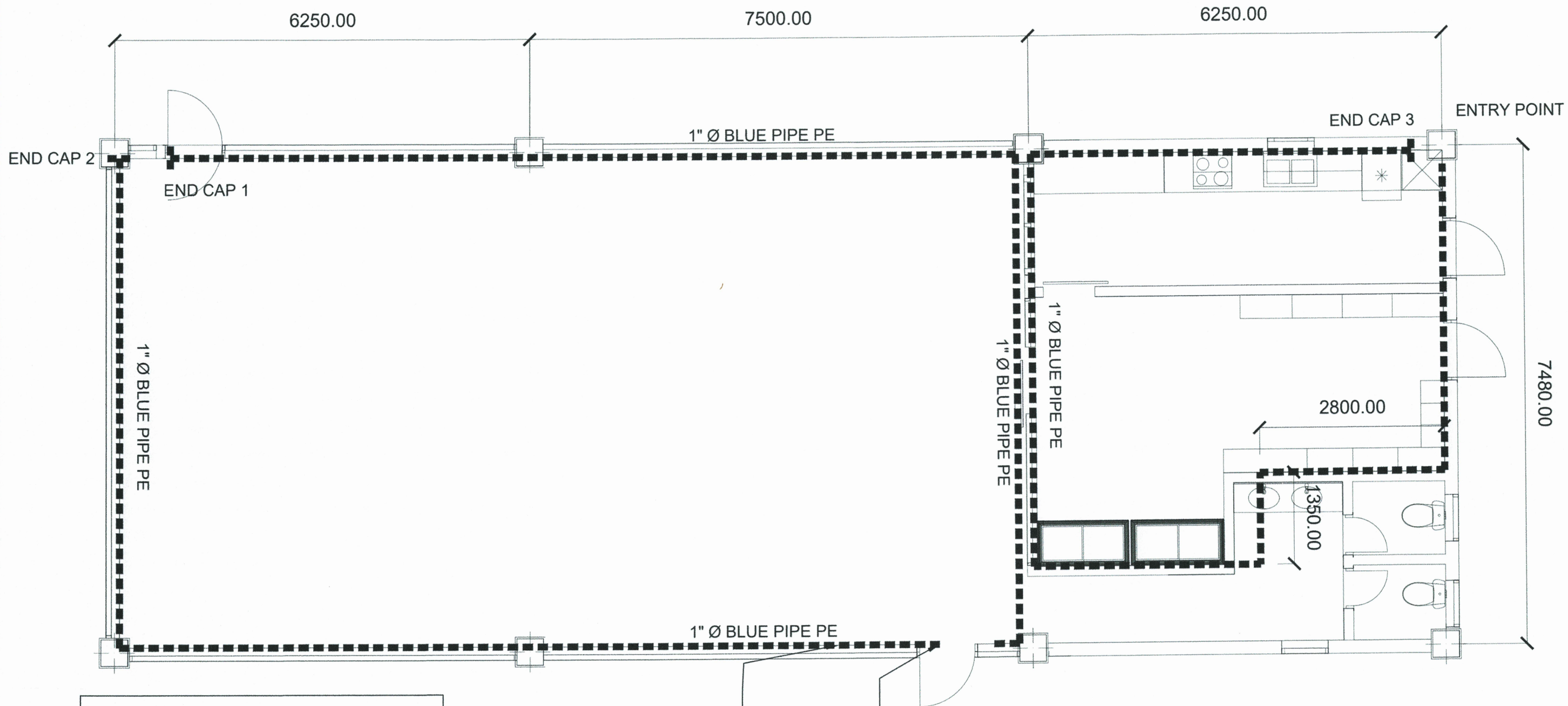
AR. JEE JEAN B. EUGENO REGISTERED MASTER PLUMBER PRC NO. 1811	
PRC REG NO.:	005-819-000
PTR NO.:	CBN - 2050118
ISSUED AT:	CABANATUAN CITY, Nueva Ecija
ISSUED AT:	

PROJECT NAME:	PROPOSED STORM WATER MANAGEMENT SYSTEM
LOCATION:	NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.

PROJECT OWNER:	ENGR. NELSON M. DELA CRUZ GENERAL MANAGER
CAD BY:	AR. LJ GABRIEL
CHECKED BY:	AR. J.V. TABIOS
DATE:	07/31/2026

SHEET NO.:

P6



FD	FLOOR DRAIN	---	50 mm Ø PVC PIPE(VENT)
SD	SHOWER DRAIN	---	50 mm Ø PVC PIPE
ST	SEPTIC TANK	---	75 mm Ø PVC PIPE
CB	CATCH BASIN	---	100 mm Ø PVC PIPE
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BT	BATH TUB	---	
CV	CHECK VALVE	---	
WM	WATER METER	---	
GV	GATE VALVE	---	
R	REDUCER	---	
U	UNION	---	
UR	URINAL	---	
MH	MANHOLE	---	

ENTRY POINT 1

ENTRY POINT 2

PL-1-3 TERMITE CONTROL PIPELINE Scale: 1:60 MTS



DIAMANTE
ARCHITECTURAL DESIGN SERVICES
CONSULTATION* ESTIMATE* DESIGN AND BUILD

AR. LEIAN JOY J. GABRIEL

PRC REG NO.:	52886	TIN:	769-846-146
PTR NO.:	CBN - 2050118	DATE ISSUED:	01/09/2026
IAPOA NO.:	54752	ISSUED AT:	CABANATUAN CITY

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REGISTERED MASTER PLUMBER
PRC NO: 18110
TIN: 642-125-819-000
CBN - 2050233
ISSUED AT: Cabanatuan City, Nueva Ecija
ISSUED AT:

PROJECT NAME:
PROPOSED STORM WATER
MANAGEMENT SYSTEM
LOCATION:
NEECO II, AREA 1 COMPOUND, CALIPAHAN, TALAVERA, N.E.

PROJECT OWNER:
ENGR. NELSON M. DELA CRUZ
GENERAL MANAGER
CAD BY:
AR. LJ GABRIEL
CHECKED BY:
AR. J.V. TABIOS
DATE:
07/31/2026

SHEET NO.:

P7