

PHILIPPINE BIDDING DOCUMENTS

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

**PROVISION OF LABOR, MATERIALS,
EQUIPMENT RENTAL AND OTHER
INCIDENTALS NEEDED FOR THE
CONSTRUCTION OF BOAR STUDIO AT
DA-PREC, STA. BARBARA, PANGASINAN**

IB No.: DA-RFO 1-2025-INFRA-024

**Sixth Edition
July 2020**

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
 Regional Field Office No. 1
 Aguila Road, Sevilla, City of San Fernando, La Union
 Telephone No. (072) 242 1045/1046



INVITATION TO BID FOR THE PROVISION OF LABOR, MATERIALS, EQUIPMENT RENTAL AND OTHER INCIDENTALS NEEDED FOR THE CONSTRUCTION OF BOAR STUDIO AT DA-PREC, STA. BARBARA, PANGASINAN

1. The Department of Agriculture - Regional Field Office 1 (DA-RFO 1), through the GAA FY 2025 intends to apply the sum of **Nine Million Eight Hundred Ninety-Nine Thousand Six Hundred Thirty-Eight Pesos and Fifty-One Centavos (PhP9,899,638.51)** being the Approved Budget for the Contract (ABC) to payment under the contract for the **PROVISION OF LABOR, MATERIALS, EQUIPMENT RENTAL AND OTHER INCIDENTALS NEEDED FOR THE CONSTRUCTION OF BOAR STUDIO AT DA-PREC, STA. BARBARA, PANGASINAN** with project identification number **DA-RFO 1-2025-INFRA-024**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The DA-RFO 1 now invites bids for the above procurement project with the following details and specifications:

DETAILS AND SPECIFICATIONS		
Project Location:	DA-PREC, Sta. Barbara Breeding Center	
Project Description:	Construction of Boar Studio Project at DA-PREC, Sta. Barbara Breeding Center consisting of Perimeter Fence, Headquarters, Boar Studio Building with Semen Extraction Facility, Water Tank, Generator Shed, Digester, Pig Disposal, Feed Bodega & Lagoon.	
Scope of work:		
Description	Qty	Unit
I. General Requirements (Permits and Project Billboard)	1	lot
II. Safety and Health	1	lot
III. Mobilization and Demobilization	1	lot
IV. Concrete Works	313.72	cu.m.
V. Rebar Works	4,903.50	kgs
VI. Masonry Works	520.39	sq. m.
VII. Plastering Works	1,040.78	sq.m.
VIII. Steel Works (Roofing)	1	lot
IX. Ceiling Works	1	lot
X. Tiling Works	1	lot
XI. Pen	1	lot
XII. Tinsmithry Works (All Structures)	412.23	sq.m.
XIII. Painting Works	1,040.78	sq.m.
XIV. Doors and Windows (Including Installation)	88.59	sq.m.

XV. Water Tank	1	lot
XVI. Pig Disposal	1	lot
XVII. Lagoon	1	lot
XVIII. Digester	1	lot
XIX. Generator Room	1	lot
XX. Backfilling Works	4,500	cu.m.
XXI. Perimeter Fence	1	lot
XXII. Electrical Works (Including Aircon Units)	90	outlet
XXIII. Plumbing Works	1	lot

MINIMUM TECHNICAL PERSONNEL REQUIRED:

- 1 Project Engineer
- 1 Foreman
- 4 Skilled Workers
- 8 Unskilled Workers

MINIMUM EQUIPMENT REQUIRED:

- 1 Backhoe
- 1 Welding Machine
- 1 Cut-off Machine
- 1 Plate Compactor
- 1 Bar Cutter
- 1 Bar Bender
- 1 One-bagger Mixer

Completion of the Works is within **two hundred twenty (220) calendar days**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. (Instructions to Bidders).

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least seventy-five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

4. Prospective bidders may obtain further information from and inspect the Bidding Documents at the address given below during **office hours at 8:00 AM to 5:00 PM, Monday to Friday**.

**Department of Agriculture - Regional Field Office 1
Aguila Rd., Sevilla, City of San Fernando, La Union**

5. A complete set of Bidding Documents may be acquired by interested Bidders from **February 27, 2025 to March 19, 2025** from the address given and websites below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by

the GPPB, in the amount of **PhP10,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.

6. The **DA-RFO 1** will hold a Pre-Bid Conference on **06 March 2025, 9:00 AM** at DA-RFO 1, 5th Floor Conference Room, Aguila Road, Sevilla, City of San Fernando, La Union, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated above on or before **19 March 2025, 9:00 AM**. **Late bids shall not be accepted.**
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. **Bid opening** shall be on **19 March 2025, 9:00 AM** at DA-RFO 1, 5th Floor Conference Room, Aguila Road, Sevilla, City of San Fernando, La Union. Bids will be opened in the presence of the bidders or their authorized representatives.

10. **ADDITIONAL INSTRUCTIONS TO BIDDERS:**

- a. The bidders or their duly authorized representatives may attend the bid opening;
- b. In case a representative will be attending the Bid Opening, a Special Power of Attorney (SPA), Secretary's Certificate, Board Resolution or any other forms of authorization (notarized), as the case may be, together with the Company-issued Identification Card or any valid ID must be presented upon submission of the bid proposal at the BAC Secretariat. The name/title of the project must be indicated in the authorization or SPA.
- c. Each Bidder shall submit one copy of the first and second components of its Bid. Bidders shall submit their bids with proper index tabbing using the forms specified in the Bidding Documents in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously;

The first component which is the Technical Eligibility requirements must be soft-bound, marked with the **name of the contract** and its **IB No., name and address of the bidder**, and enclosed in an envelope, sealed with signature and marked with the **name of the contract, name and address of the bidder**, addressed to the **BIDS AND AWARDS COMMITTEE (BAC) DA RFO-1 CITY OF SAN FERNANDO, LA UNION**, the **specific Identification No.** and the warning **"DO NOT OPEN BEFORE..."** the date and time for the bid opening.

The second component being the Financial requirements may be soft-bound/fastened in a folder, marked with the **name of the contract** and its **IB No., name and address of the bidder**, and enclosed in an envelope, sealed with signature and marked with the **name of the contract, name and address of the bidder**, addressed to the **BIDS AND AWARDS COMMITTEE (BAC) DA RFO-1 CITY OF SAN FERNANDO, LA UNION**, the **specific Identification No.** and the warning **"DO NOT OPEN BEFORE..."** the date and time for the bid opening.

The Technical and Financial Requirement each in separate envelopes, shall be enclosed in a mother envelope with the same sealing and markings.

Non-compliance with index tabbings shall not be a ground for outright disqualification or declaration of ineligibility. The improper index tabbings must be duly acknowledged by the bidder/representative and be subject to the bid evaluation and post-qualification of the Technical Working Group (TWG) as to their substance.

- d. All **documents** in the **Financial Requirements envelope** must be **duly signed and/or initialed**, as needed, by the bidder/authorized representative on **EACH AND EVERY PAGE** thereof.
11. The **DA-RFO 1** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and Section 41 of the 2016 Revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:
- DENNIS I. TACTAC, ABE**
Chairperson, Bids and Awards Committee
Department of Agriculture - Regional Field Office 1
Aguila Road, Sevilla, City of San Fernando, La Union
Tel. No.:(072) 242/1045-46, Ext. 07
E-mail add: bacsec@ilocos.da.gov.ph
13. For downloading of Bidding Documents, you may visit the following websites:
DA-RFO1 Website: <https://ilocos.da.gov.ph/>
PhilGEPS Website: <https://www.philgeps.gov.ph/>

February 26, 2025

Approved by:

(Sgd.) GILBERT D. RABARA, DVM
Vice-Chairperson, Bids and Awards Committee

Invitation to Bid Identification No. DA-RFO 1-2025-INFRA-024

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **Department of Agriculture - Regional Field Office 1 (DA-RFO 1)** invites Bids for the **PROVISION OF LABOR, MATERIALS, EQUIPMENT RENTAL AND OTHER INCIDENTALS NEEDED FOR THE CONSTRUCTION OF BOAR STUDIO AT DA-PREC, STA. BARBARA, PANGASINAN** with Project Identification Number **DA-RFO 1-2025-INFRA-025**.

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

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **GAA FY 2025** in the amount of **Nine Million Eight Hundred Ninety-Nine Thousand Six Hundred Thirty-Eight Pesos and Fifty-One Centavos (PhP9,899,638.51)**.

3. Bidding Requirements

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

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

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

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

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

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

5. Eligible Bidders

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

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

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

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that subcontracting is not allowed:

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address, **5th Floor Conference Room, Aguila Road, Sevilla, City of San Fernando, La Union** indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the

IB, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

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

11. Documents Comprising the Bid: Financial Component

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

12. Alternative Bids

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

13. Bid Prices

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

14. Bid and Payment Currencies

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

14.2. *Payment of the contract price shall be made in:*

- a. Philippine Pesos.

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

15.2. The Bid and bid security shall be valid until **July 17, 2025**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

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

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic

copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.

19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause																									
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: CONSTRUCTION OF BUILDING/LIVESTOCK PROCESSING FACILITY																								
7.1	N/A																								
10.3	N/A																								
10.4	The key personnel must meet the required minimum years of experience set below: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Key Personnel</th> <th style="text-align: center;">General Experience</th> <th style="text-align: center;">Relevant Experience</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Project Engineer</td> <td style="text-align: center;">3 years</td> <td style="text-align: center;">Construction Supervision</td> </tr> <tr> <td style="text-align: center;">Foreman</td> <td style="text-align: center;">2 years</td> <td style="text-align: center;">Masonry/Carpentry</td> </tr> </tbody> </table>	Key Personnel	General Experience	Relevant Experience	Project Engineer	3 years	Construction Supervision	Foreman	2 years	Masonry/Carpentry															
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10.5	The minimum major equipment requirements are the following: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Equipment</th> <th style="text-align: center;">Capacity</th> <th style="text-align: center;">No. of Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Backhoe</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Welding Machine</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Cut-off Machine</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Plate Compactor</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Bar Cutter</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Bar Bender</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Mixer</td> <td style="text-align: center;">one-bagger</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Equipment	Capacity	No. of Units	Backhoe		1	Welding Machine		1	Cut-off Machine		1	Plate Compactor		1	Bar Cutter		1	Bar Bender		1	Mixer	one-bagger	1
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Mixer	one-bagger	1																							
12	N/A																								
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: <p style="margin-left: 40px;">a. The amount of not less than Php197,992.77 bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p style="margin-left: 40px;">b. The amount of not less than Php494,981.93 bid security is in Surety Bond.</p>																								
19.2	Partial bidis not allowed.																								
20	Latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law.																								
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.																								

Section IV. General Conditions of Contract

1. **Scope of Contract**

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

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

2. **Sectional Completion of Works**

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

3. **Possession of Site**

3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2 If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. **The Contractor's Obligations**

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

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

5. Performance Security

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

6. Site Investigation Reports

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

7. Warranty

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

8. Liability of the Contractor

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

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

9. Termination for Other Causes

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

10. Dayworks

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

11. Program of Work

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

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

12. Instructions, Inspections and Audits

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

13. Advance Payment

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

14. Progress Payments

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

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
2	N/A
4.1	Schedule of construction in full shall start within 7 calendar days from receipt of the Notice to Proceed
6	N/A
7.2	[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:] Fifteen (15) years
10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work (PERT-CPM, Construction Schedule, S-Curve and Construction Methods) to the Procuring Entity's Representative within 10 calendar days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is 10% of the 15% Advance Payment.
13	The amount of the advance payment is 15% of the Contract Price.
14	Materials and equipment delivered on the site but not completely put in place (Actual Accomplishment) shall not be included for payment.
15.1	The "as built" Drawings and/or operating and maintenance manuals shall be required prior to the final payment.
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is 10% of the final billing.

Section VI. Specifications

Section VII. Drawings

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

Section VIII. Bill of Quantities

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- (d) Special PCAB License in case of Joint Ventures; **and** registration for the type and cost of the contract to be bid; **and**
- (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; **or**
Original copy of Notarized Bid Securing Declaration; **and**
- (f) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (g) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (h) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC).

Class “B” Documents

- (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or**
duly notarized statements from all the potential joint venture partners stating

that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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



BILL OF QUANTITIES

PROJECT NAME: **CONSTRUCTION OF BOAR STUDIO**

PROJECT LOCATION: DA-PREC, STA. BARBARA BREEDING CENTER, PANGASINAN

PROJECT DESCRIPTION:

Construction of Boar Studio Project at DA-ORC, Sta. Barbara Breeding Center consisting of Perimeter Fence, Headquarters, Boar Studio Building with Semen Extraction Facility, Water Tank, Generator Shed, Pig Disposal, Feed Bodega & Lagoon.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
I	General Requirements (Permits and Project Billboard)	Lot	1.00		
II	Safety and Health	Lot	1.00		
III	Mobilization and Demobilization	Lot	1.00		
IV	Concrete Works	Cu.m.	313.72		
V	Rebar Works	Kgs	4,903.50		
VI	Masonry Works	Sq.m.	520.39		
VII	Plastering Works	Sq.m.	1,040.78		
VIII	Steel Works (Roofing)	Lot	1.00		
IX	Ceiling Works	Lot	1.00		
X	Tiling Works	Lot	1.00		
XI	Pen	Lot	1.00		
XII	Tinsmithry Works (All Structures)	Sq.m.	412.23		
XIII	Painting Works	Sq.m.	1,040.78		
XIV	Doors and Windows (Including Installation)	Sq.m.	88.59		
XV	Water Tank	lot	1.00		
XVI	Pig Disposal	Lot	1.00		
XVII	Lagoon	Lot	1.00		
XVIII	Digester	Lot	1.00		
XIX	Generator Room	Lot	1.00		
XX	Backfilling Works	Cu.m	4,500.00		
XXI	Perimeter Fence	Lot	1.00		
XXII	Electrical Works (Including Aircon Units)	Outlet	90.00		
XXIII	Plumbing Works	lot	1.00		

NUMBER OF DAYS TO COMPLETE THE PROJECT: 220 CALENDAR DAYS

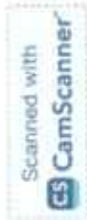
TOTAL AMOUNT OF BID (in words and figures)

Name in Print & Signature of Bidder

Full Name of Bidder (Person/Firm)

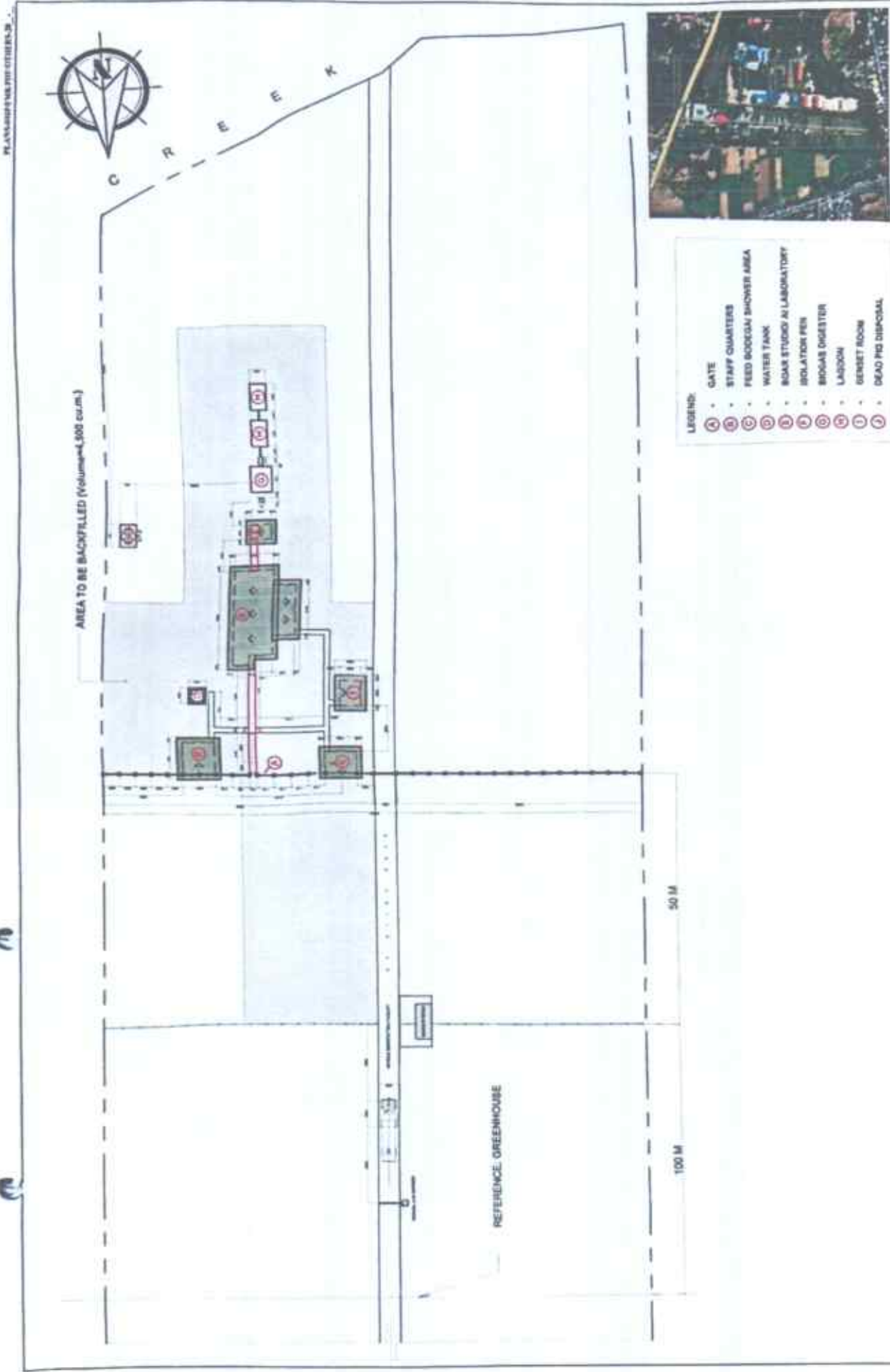
Address: _____

By: _____
Signature over Printed Name



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD OFFICE NO.1
Aguila Road, Sevilla, City of San Fernando, La Union

CONSTRUCTION OF BOAR STUDIO
DA-PREC, STA. BARBARA BREEDING CENTER



- LEGEND:**
- A • GATE
 - B • STAFF QUARTERS
 - C • FEED BOOGEY SHOWER AREA
 - D • WATER TANK
 - E • BOAR STUDIO A/L LABORATORY
 - F • ISOLATION PEN
 - G • BOOGEY DIGESTER
 - H • LAGOON
 - I • GENSET ROOM
 - J • DEAD PIG DISPOSAL



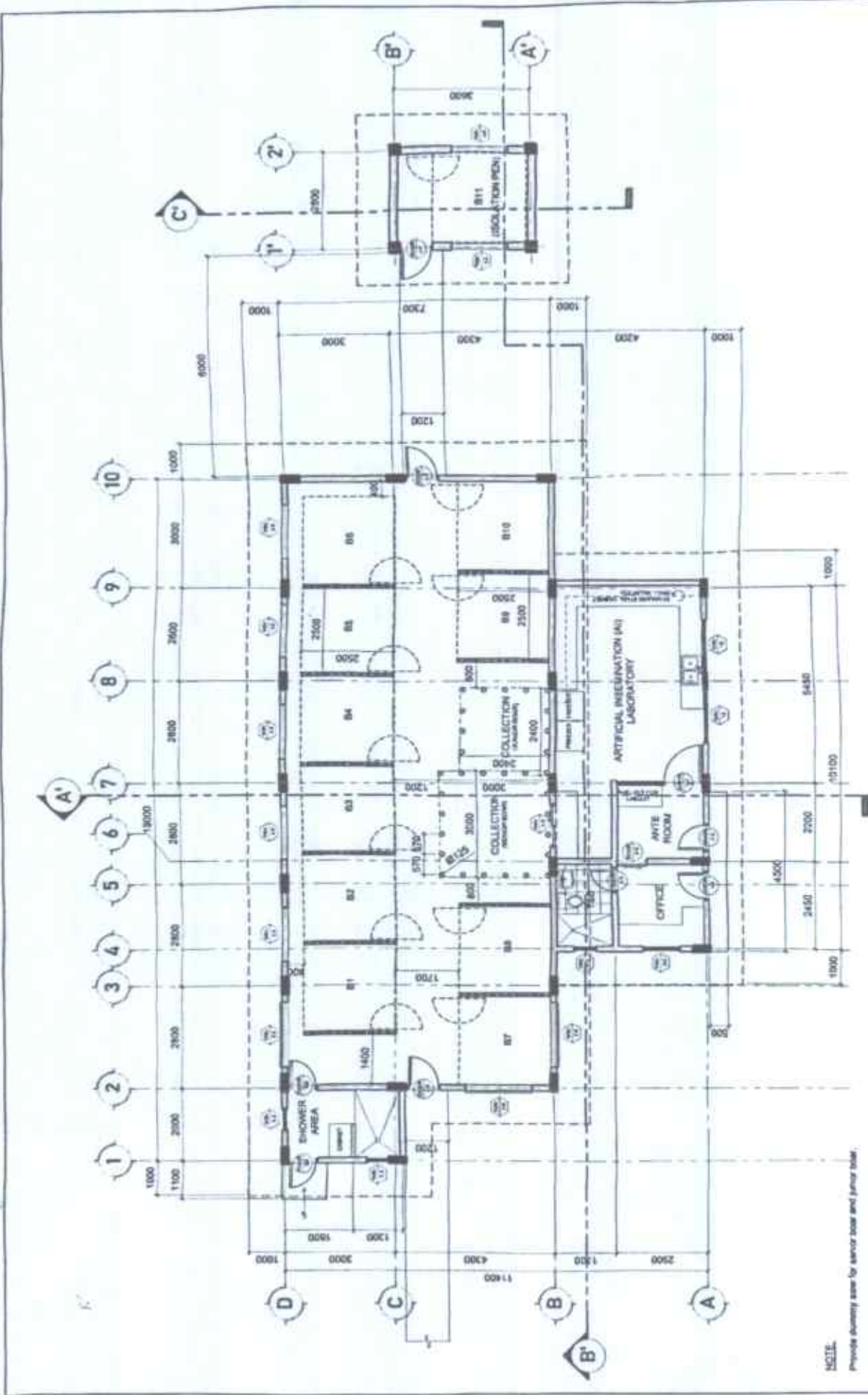
1 SITE DEVELOPMENT PLAN SCALE: 1:500 (IND) PREPARED FOR THE OFFICE OF THE DEPARTMENT OF AGRICULTURE REGIONAL ADMINISTRATION AND EXTENSION DIVISION REGIONAL OFFICE - CAGAYAN DE ORO (1st FLOOR, NEW JALAJARA METERED MARKET)	PROJECT TITLE: CONSTRUCTION OF BOAR STUDIO	PREPARED BY: ARNEL E. L. MORALES CIVIL ENGINEER	CHECKED BY: SUPERVISOR MARK HANK G. PASTOR CIVIL ENGINEER	REVIEWED BY: ARCHITECT MARK PASCUAL, DDM ARCHITECT	SHEET CONTENTS: 44 sheets	SHEET NO: A 1.0
	PLANS: REFERENCE PHOTO: 07/08/2018					



BOAR STUDIO & AI LABORATORY AND ISOLATION ROOM

1 PERSPECTIVE

SCALE	PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	RECOMMENDING OFFICIAL	APPROVED	SHEET CONTENTS	SHEET NO.
1/8" = 1'-0"	<p>DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 REGIONAL AGRICULTURAL EXTENSION DIVISION</p>	CONSTRUCTION OF BOAR STUDIO	<p>AR. HERIBERTO E. L. MORALES ARCHITECT</p>	<p>MARK HARDIN, PASTOR, ABE</p>	<p>DENNIS L. TACTAC, ABE</p>	<p>JOHN B. PASCUA, DVM Approved Veterinary Personnel</p>	AS SHOWN	<p>A 2.0</p>



NOTE:
Provide dummy work for service door and junior door.

1 FLOOR PLAN
 1:1000
 PREPARED IN THE OFFICE OF THE
 DEPARTMENT OF AGRICULTURE
 BUREAU OF ANIMAL INDUSTRY
 NATIONAL ADMINISTRATIVE Development Division
 PROJECT TITLE:
CONSTRUCTION OF BOAR STUDIO
 PROJECT NO. 473, BARBARA, MINDORO ORIENTAL

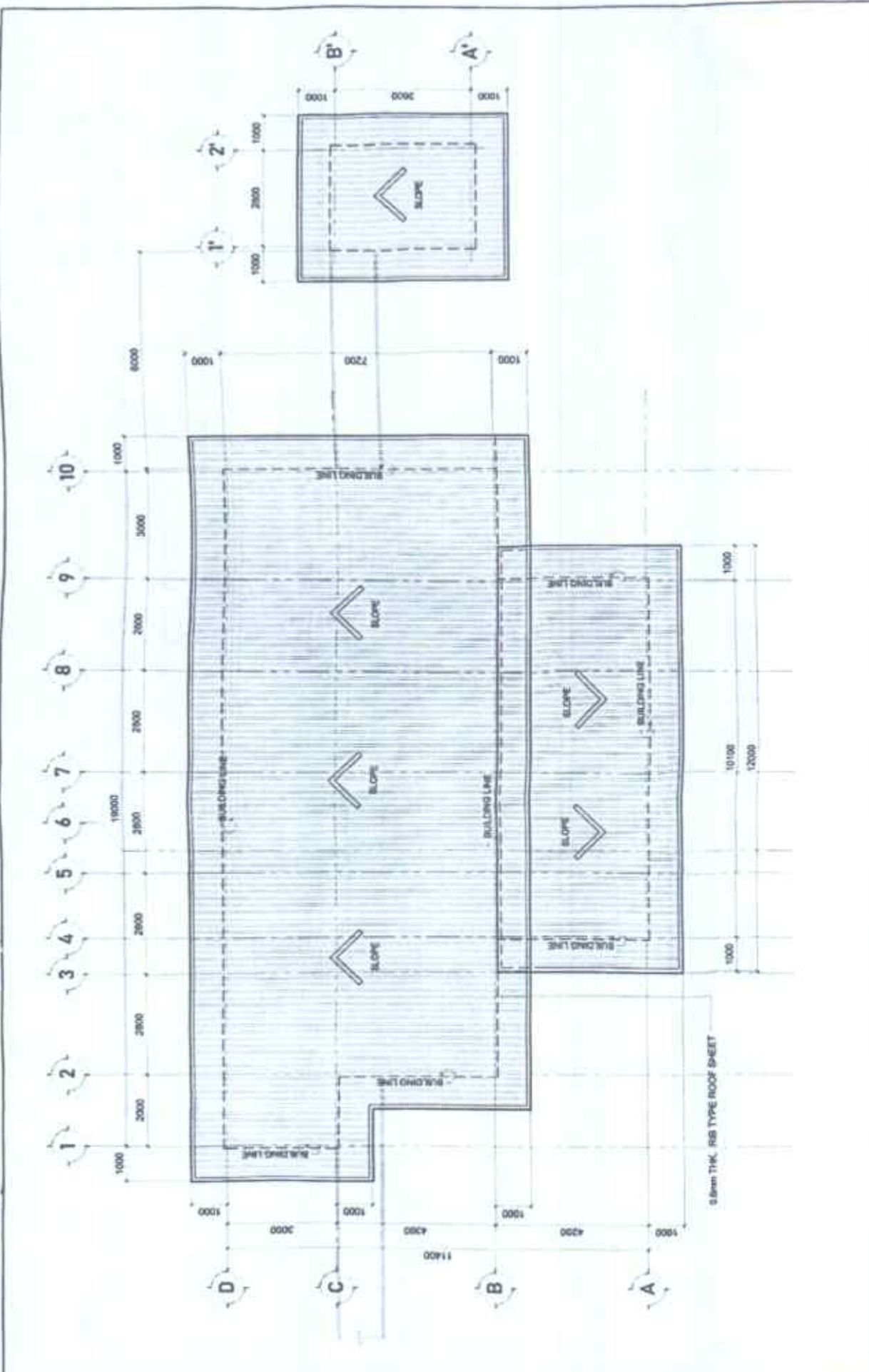
DESIGNED BY:
MR. JUAN P. L. MORALES
 PROJECT NO. 473, BARBARA, MINDORO ORIENTAL

PREPARED BY:
MR. JUAN P. L. MORALES
 PROJECT NO. 473, BARBARA, MINDORO ORIENTAL

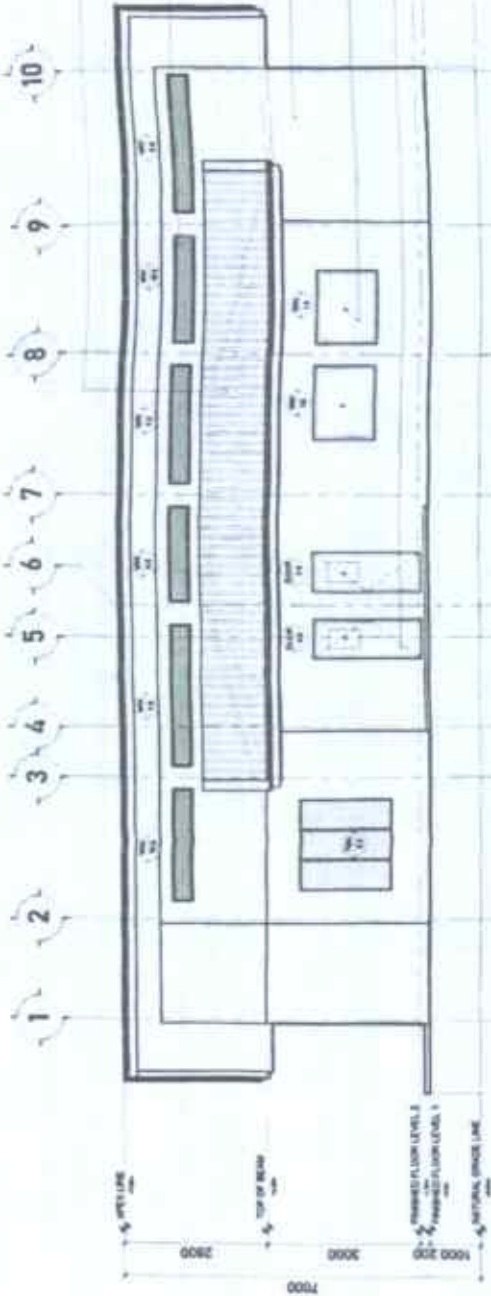
CHECKED & REVIEWED BY:
MARK HARRIS, JR. PASTOR, ABE
 PROJECT NO. 473, BARBARA, MINDORO ORIENTAL

APPROVED:
JUAN PASTOR, ABE
 PROJECT NO. 473, BARBARA, MINDORO ORIENTAL

SHEET NO. **A**
 OF **30**



1 ROOF PLAN SCALE 1:1000 PREPARED BY THE OFFICE OF THE DEPARTMENT OF AGRICULTURE Bureau of Agricultural Extension Services		SHEET NO. A 4.0
PREPARED BY AR. JESSIE L. NOBLE of the Bureau of Agricultural Extension Services	CHECKED & APPROVED BY MARK HARRY G. PASTOR, ARE of the Bureau of Agricultural Extension Services	APPROVED MARY B. PASCUAL, DVM of the Bureau of Agricultural Extension Services
CONSTRUCTION OF BOAR STUDIO <small>(FOR THE BOAR OF AGRICULTURE, BUREAU OF AGRICULTURAL EXTENSION SERVICES)</small>		



GA 28 PRE-PAINTED RIB TYPE ROOF SHEET

25MM APERTURE GREEN NET WITH 1" X 1/2" ALUMINUM FLAT BAR FRAMING

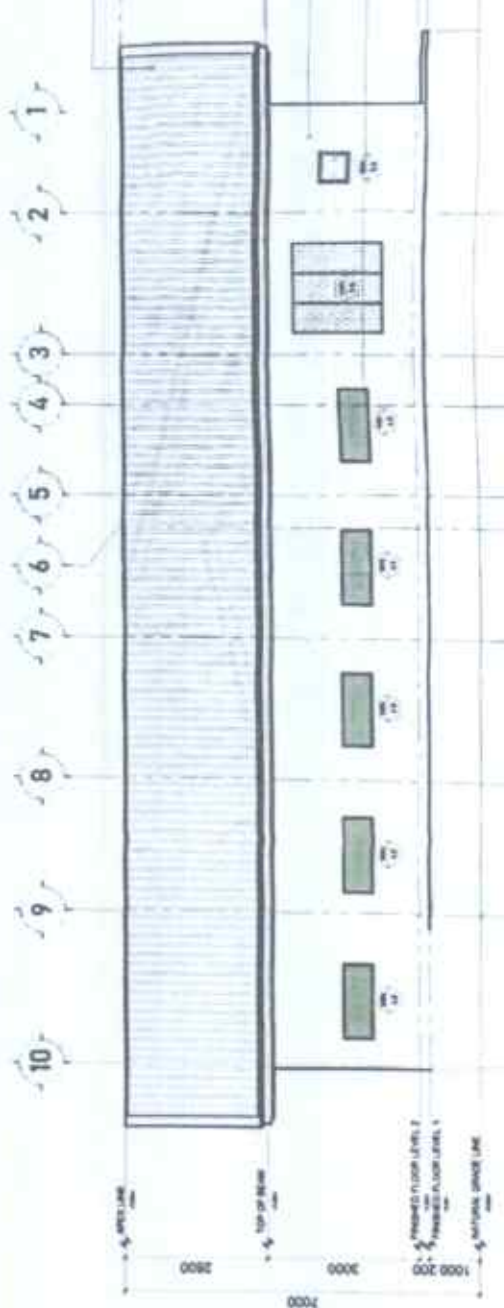
GA 28 PRE-PAINTED GUTTER

4" CHS WALL W/ 15MM Ø VERT & HORIZONTAL BARS SPACED @ 60MM BY PLASTERED FINISH

1500MM X 2200MM POWDER COATED ALUMINUM FIXED WINDOW

800MM X 2100MM ALUMINUM VISION DOOR

1 FRONT ELEVATION (BOAR STUDIO)
SCALE: 1/100



GA 28 PRE-PAINTED RIB TYPE ROOF SHEET

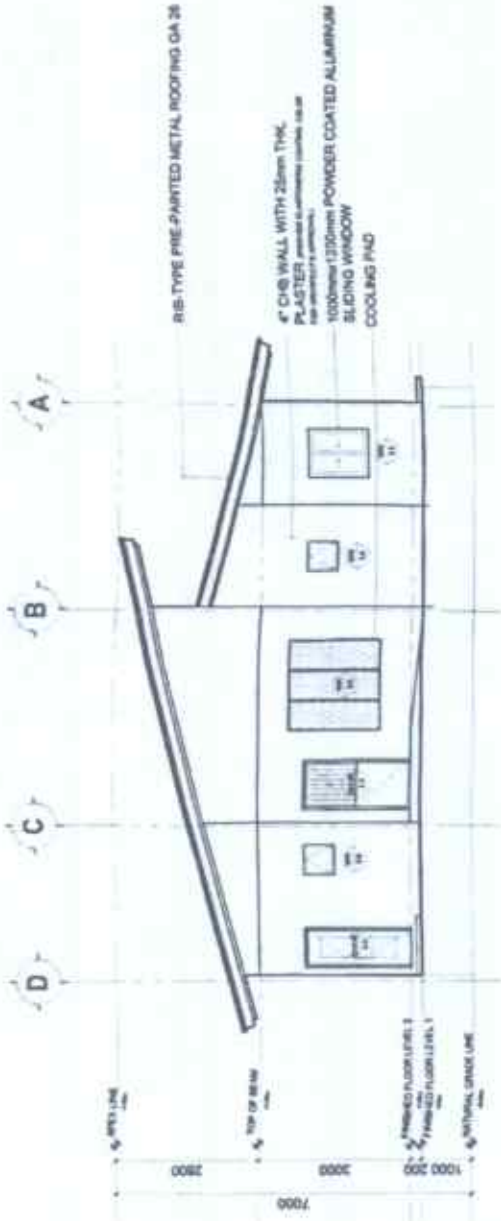
GA 28 PRE-PAINTED GUTTER

4" CHS WALL W/ 15MM Ø VERT & HORIZONTAL BARS SPACED @ 60MM BY PLASTERED FINISH

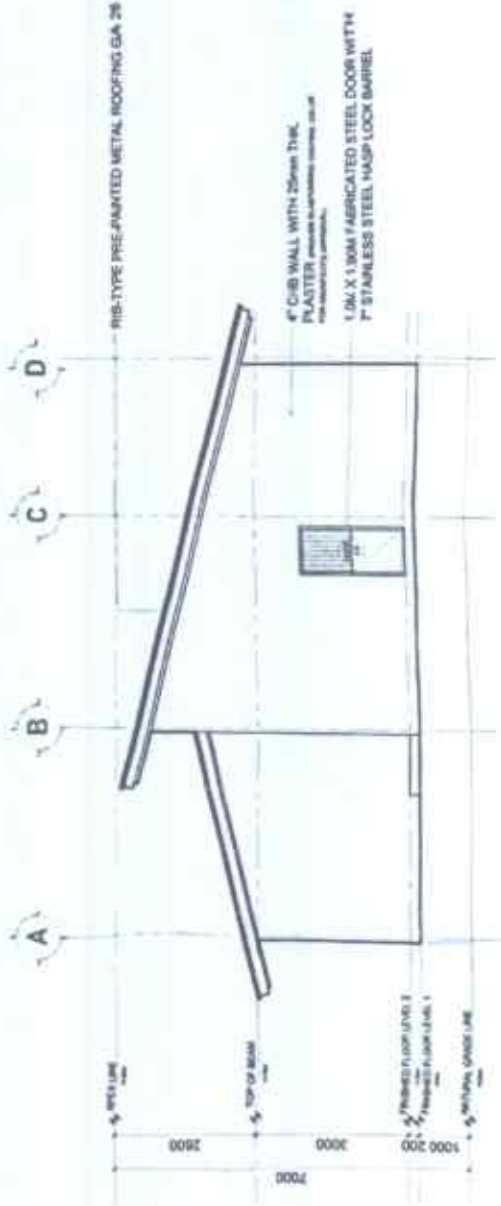
1.50M X 0.60M - 25MM APERTURE GREEN NET WITH 1" X 1/2" ALUMINUM FLAT BAR FRAMING

2 REAR ELEVATION (BOAR STUDIO)
SCALE: 1/100

<p>DEPARTMENT OF AGRICULTURE FORESTRY AND FISHERIES REPUBLIC OF SOUTH AFRICA</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY: ABU HUSSEIN M. AL-SHARAFI ARCHITECT</p>	<p>CHECKED BY: SHAWN BASHIR G. PASTOR, ABE ARCHITECT</p>	<p>APPROVED BY: <i>[Signature]</i> SHAWN BASHIR G. PASTOR, ABE ARCHITECT</p>	<p>DRAWN BY: <i>[Signature]</i> SHAWN BASHIR G. PASTOR, ABE ARCHITECT</p>	<p>SHEET CONTENTS 1 - ELEVATION</p>	<p>SHEET NO. A 5.0</p>
	<p>FOR OFFICE USE ONLY: MARKED APPROVALS, IF ANY</p>	<p>DATE: 2024/05/24</p>	<p>PROJECT NO.: 24/05/001</p>	<p>SCALE: 1/100</p>	<p>DATE: 2024/05/24</p>	<p>DATE: 2024/05/24</p>	<p>DATE: 2024/05/24</p>

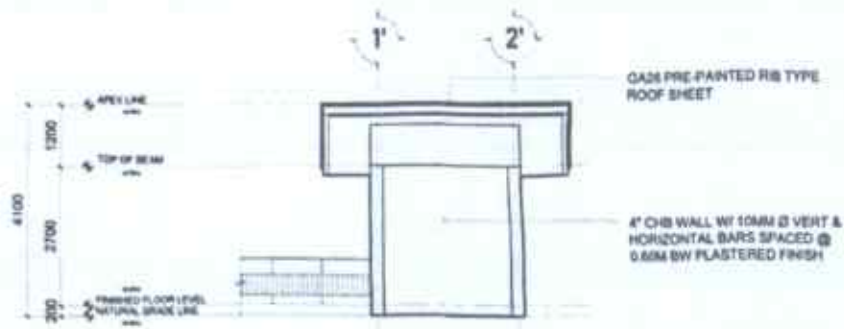


1 LEFT SIDE ELEVATION (BOAR STUDIO)
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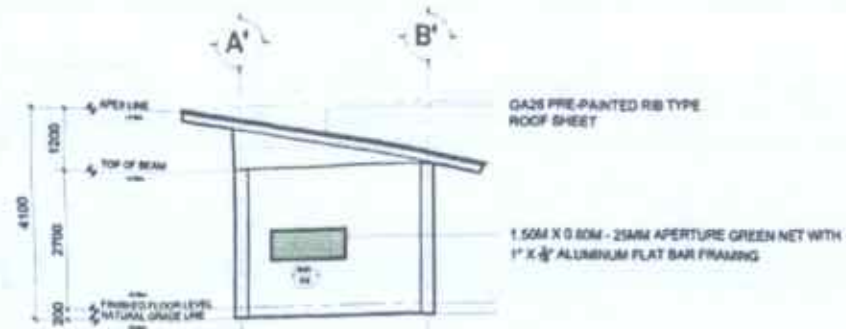


2 RIGHT SIDE ELEVATION (BOAR STUDIO)
SCALE: 1/8"=1'-0"

 <p>DEPARTMENT OF AGRICULTURE Mississippi Department of Agriculture Bureau of Agricultural Experimentation & Research</p>	<p>CONSTRUCTION OF BOAR STUDIO</p> <p><small>FOR WHICH NEW AND EXISTING BUILDINGS PERMITS</small></p>	<p>DESIGNED BY AJC JUSTICE & L. MICHALES ARCHITECTS & PLANNERS</p>	<p>PREPARED BY MARK HARRIS PASTOR, AIA ARCHITECT</p>	<p>REVISIONS MARK HARRIS PASTOR, AIA ARCHITECT</p>	<p>APPROVED BY MARK HARRIS PASTOR, AIA ARCHITECT</p>	<p>PROJECT DATE 08/2024</p>	<p>SHEET NO. A 6.0</p>
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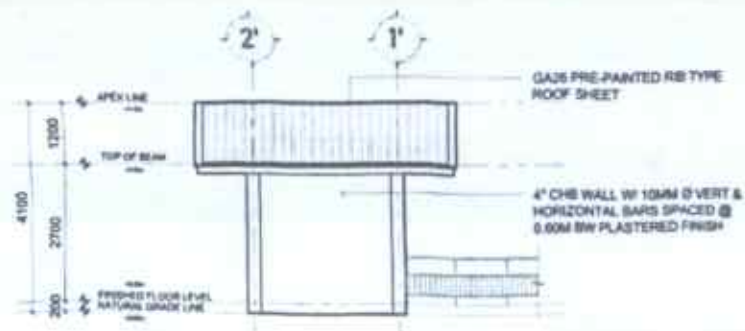
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SCALE: 1:100mm



2 RIGHT SIDE ELEVATION (ISOLATION PEN)
SCALE: 1:100mm

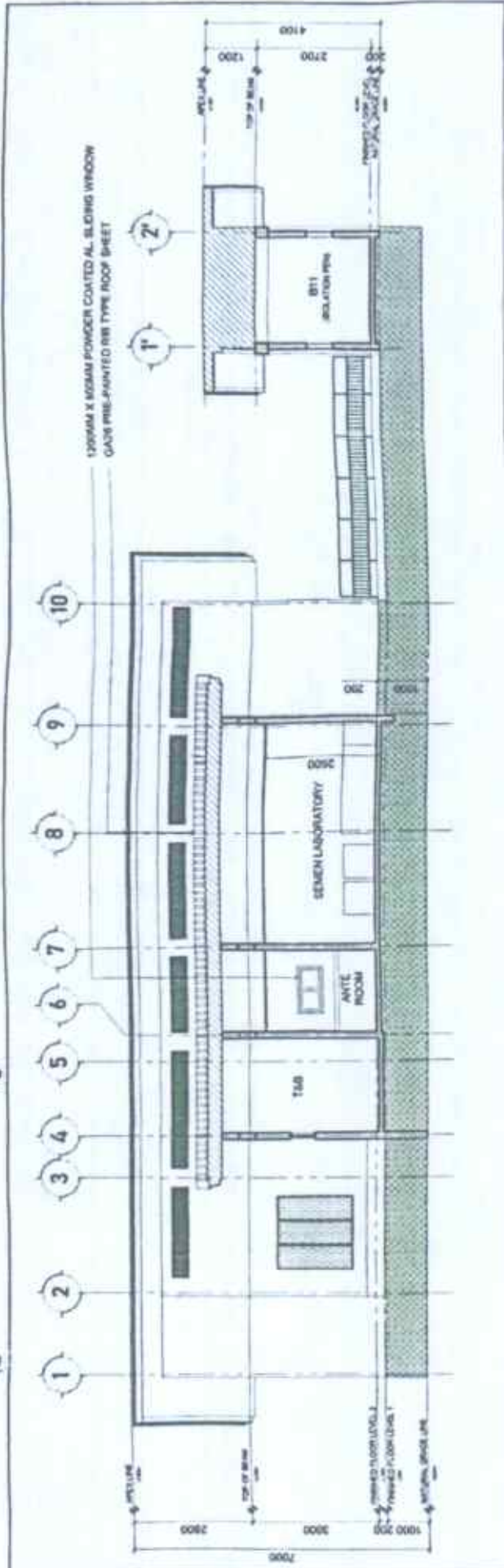


3 LEFT SIDE ELEVATION (ISOLATION PEN)
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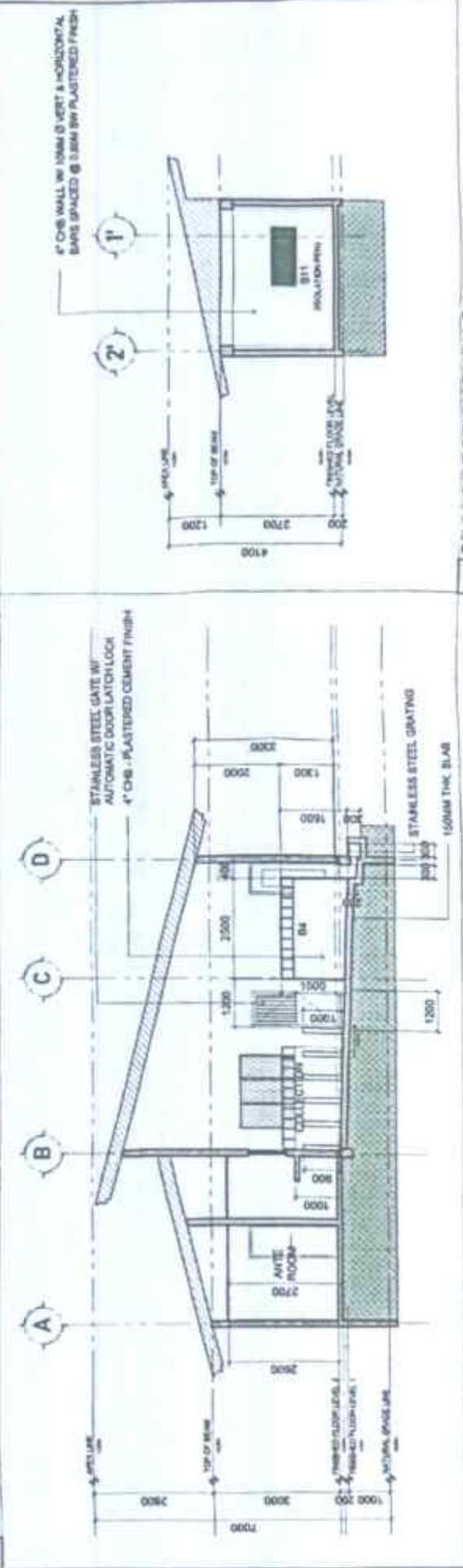


4 REAR ELEVATION (ISOLATION PEN)
SCALE: 1:100mm

PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	DESIGNED & REVISED BY	RELATIONSHIPS APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE FISHERIES AND FORESTRY Government of Western Australia</p>	CONSTRUCTION OF BOAR STUDIO	<p>AR. U. P. S. I. MORALES</p>	<p>MARK H. G. PASTOR, ARE</p>	<p>DR. CHERYL T. S. TAC, ARE</p>	<p>JOHN & PASCALE BUNN</p>	<p>NO BARRIERS</p>	<p>A 7.0</p>



1 LONGITUDINAL SECTION THRU B
SCALE: 1/100

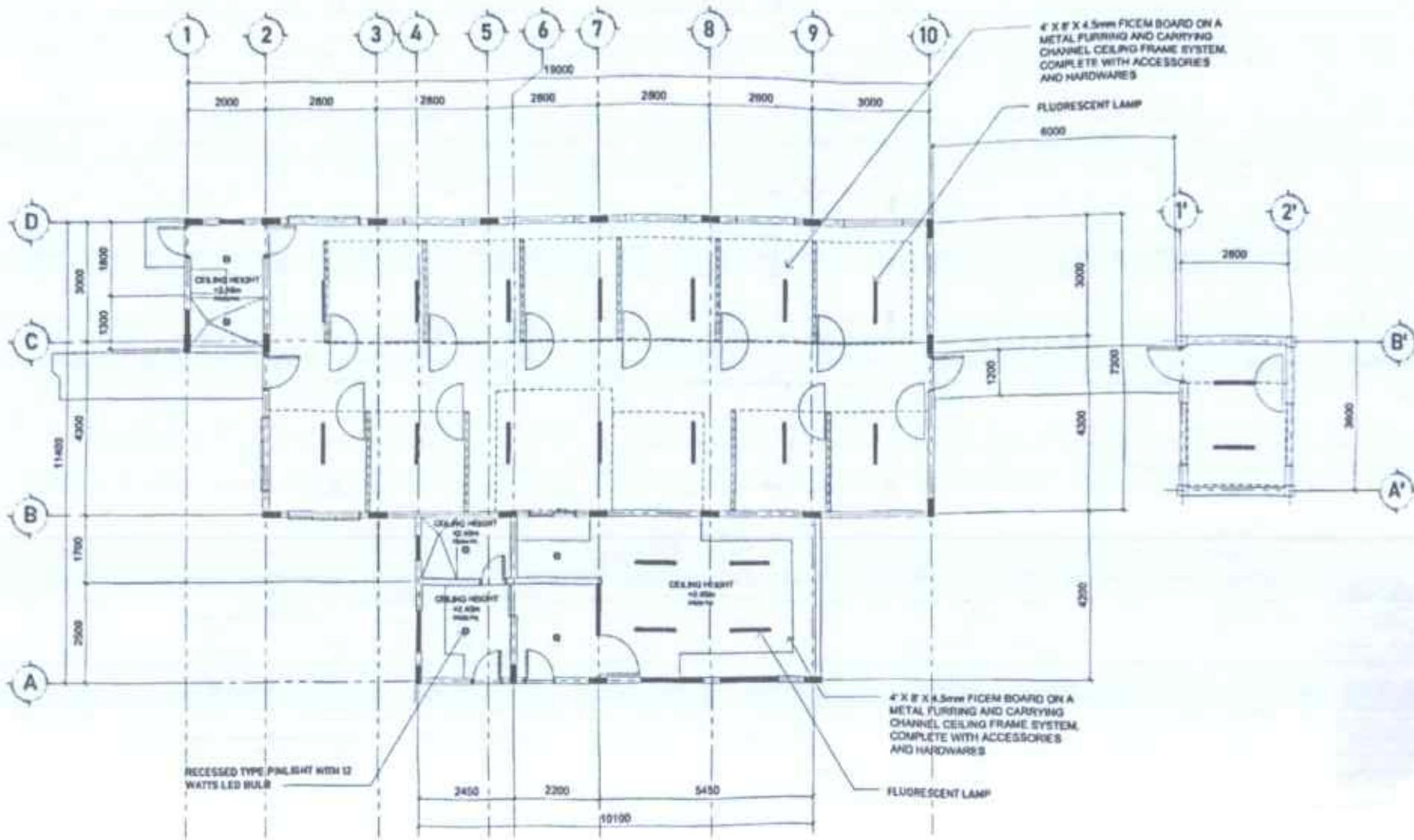


1 LONGITUDINAL SECTION THRU B
SCALE: 1/100

2 CROSS SECTION THRU A
SCALE: 1/100

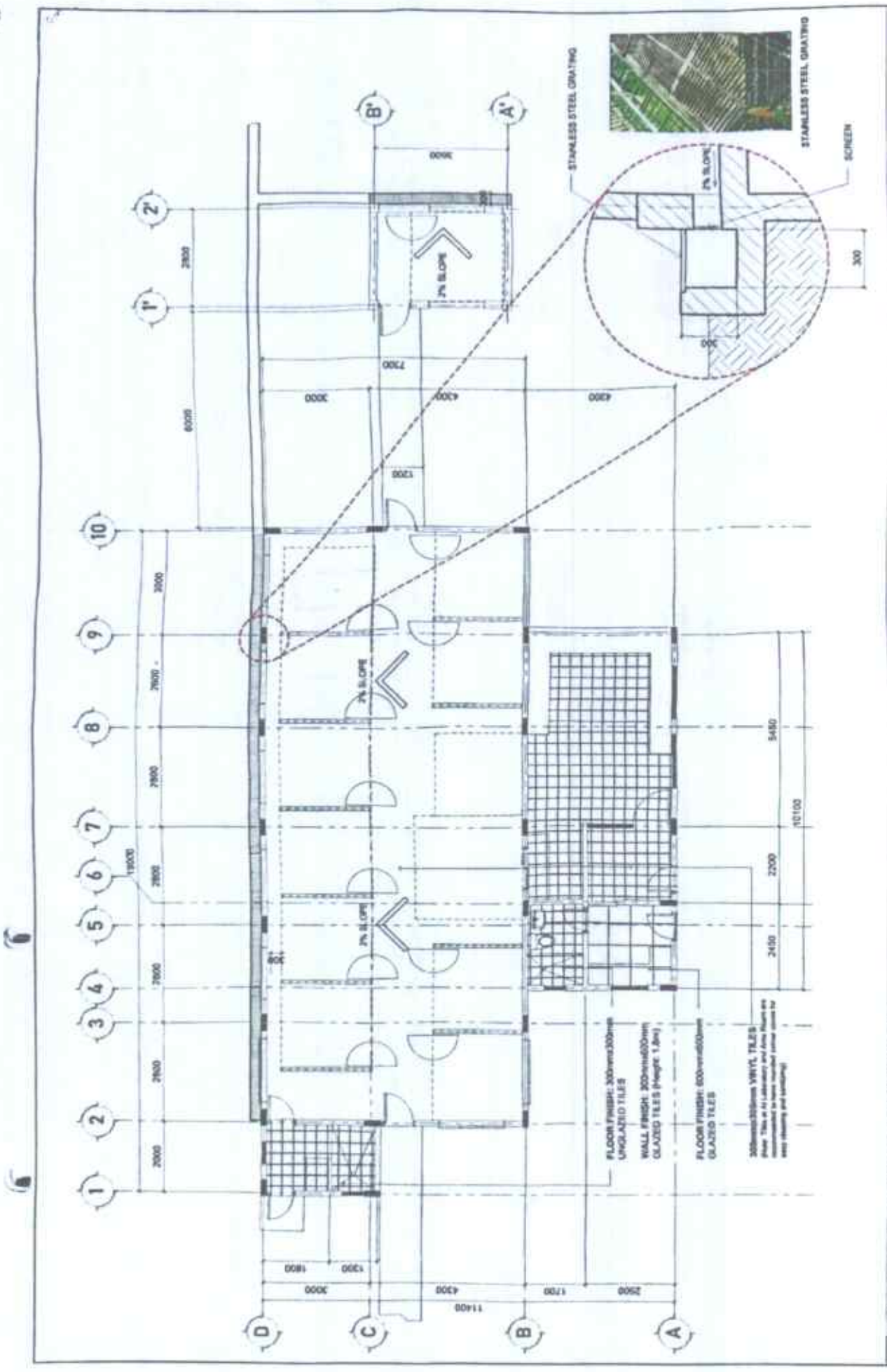
3 CROSS SECTION THRU C
SCALE: 1/100

<p>DEPARTMENT OF AGRICULTURE Fisheries and Forestry Queensland</p>	<p>CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY: <i>[Signature]</i> ARCHITECT: MARK HADLEY PROJECT ARCHITECT: MARK HADLEY</p>	<p>DESIGNED & REVIEWED BY: <i>[Signature]</i> PROJECT ARCHITECT: MARK HADLEY</p>	<p>APPROVED: <i>[Signature]</i> PROJECT ARCHITECT: MARK HADLEY</p>	<p>SCALE: 1/100</p>	<p>SHEET NO. A OF 8.0</p>
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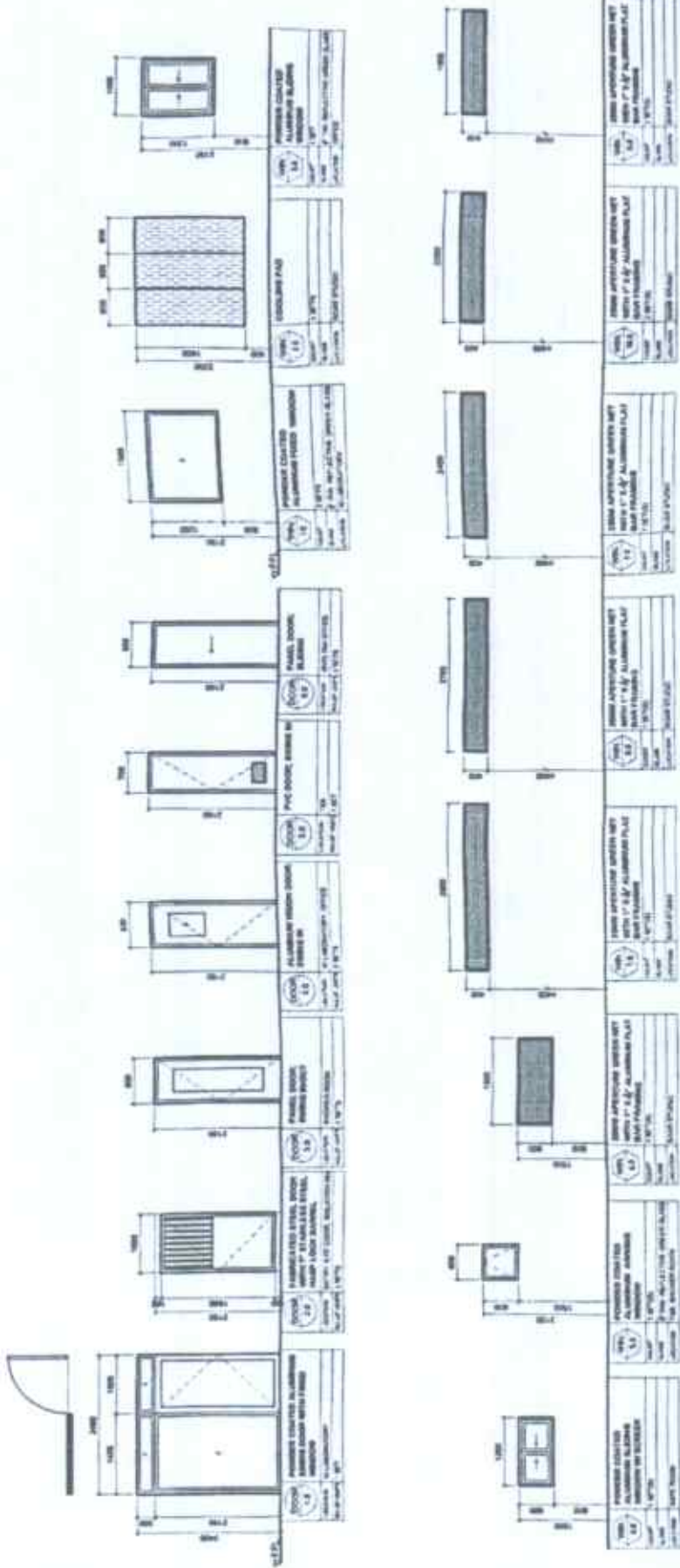


1 REFLECTED CEILING PLAN

PREPARED BY THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	DESIGNED & REVIEWED BY	REVISIONS/REVISIONS APPROVAL	APPROVED	DATE	PROJECT CONTENTS	PROJECT NO.
<p>DEPARTMENT OF AGRICULTURE REPUBLIC OF THE PHILIPPINES</p>	CONSTRUCTION OF BOAR STUDIO	 ARNEL L. MORALES	 MARK H. PASTOR, ARE	 DENNIS L. TACAC, ARE	 ARNEL L. MORALES	01-2024		



1 TILING LAYOUT/ FLOOR FINISH LAYOUT <small>SCALE: NOT TO SCALE</small>	<small>PROJECT TITLE</small> CONSTRUCTION OF BOAR STUDIO	<small>DESIGNED BY</small> AR. ANANT K. L. MORALES <small>AR. ANANT K. L. MORALES</small>	<small>DESIGNED & DRAWN BY</small> MARK RAMESH C. PASTORA, ABE <small>MARK RAMESH C. PASTORA, ABE</small>	<small>APPROVED</small> AR. ANANT K. L. MORALES <small>AR. ANANT K. L. MORALES</small>	<small>DATE</small> 10.0	<small>PROJECT NO.</small> A
	<small>DEPARTMENT OF AGRICULTURE</small> DEPARTMENT OF AGRICULTURE <small>AGRICULTURE</small>	<small>REVISIONS</small> AR. ANANT K. L. MORALES <small>AR. ANANT K. L. MORALES</small>	<small>DATE</small> 10.0	<small>PROJECT NO.</small> A	<small>PROJECT NO.</small> A	<small>PROJECT NO.</small> A



1 DOOR AND WINDOW SCHEDULE
 PREPARED FROM THE SPECS OF THE PROJECT TITLE: **CONSTRUCTION OF BOAR STUDIO**
 DATE: 6/15/2016

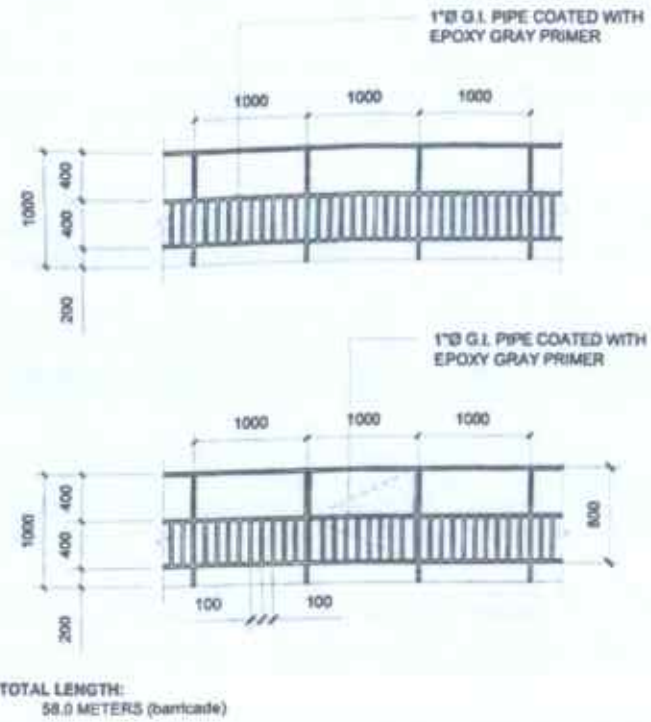
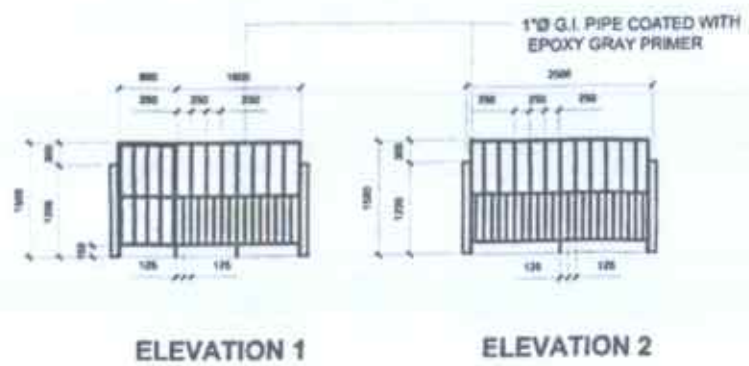
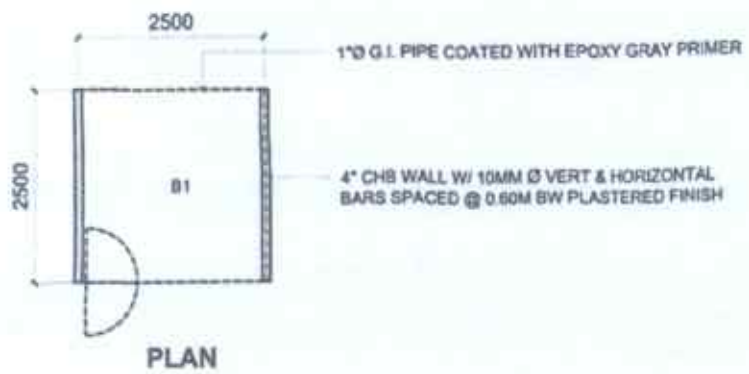
DEPARTMENT OF AGRICULTURE
 Bureau of Agricultural Extension and Development

DESIGNED BY: AIR MESSER, ETEJ L. NOBALES
CHECKED BY: MARK HENRY G. PARTIDA, ARE
APPROVED BY: JUDY V. FOCALL, ARE

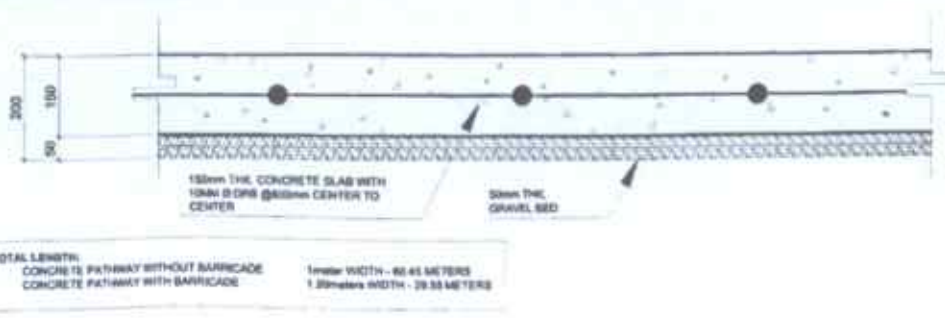
PROJECT TITLE: CONSTRUCTION OF BOAR STUDIO
DATE: 6/15/2016

SCALE: AS SHOWN

SHEET NO.: A/11



2 TYPICAL BARRICADE DETAILS
SCALE: NTS



3 TYPICAL SLAB DETAILS (PATHWAY)
SCALE: NTS

1 TYPICAL PEN DETAILS
SCALE: NTS

PREPARED BY	PROJECT TITLE	DESIGNED BY	CHECKED BY	APPROVED BY	DATE	REVISIONS	DATE
PREPARED FROM THE OFFICE OF THE DEPARTMENT OF AGRICULTURE AGRICULTURAL ENGINEERING DIVISION Regional Agricultural Engineering Office	CONSTRUCTION OF BOAR STUDIO	AK. HERRERA L. MORALES	MARK HANBY G. PASTOR, ARE	REYNOLDO T. TORRES, ARE	JUAN E. PASCUAL, DVM	14-0000	A 12



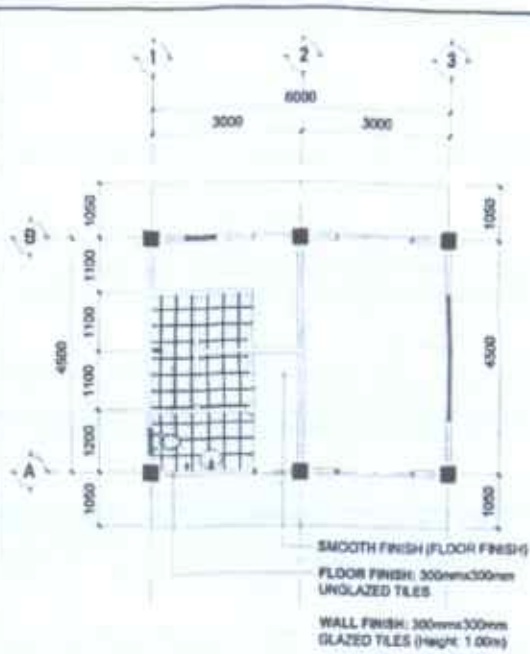
FEED BODEGA, CONTROL ROOM AND SHOWER ROOM

1 PERSPECTIVE
SCALE NTS

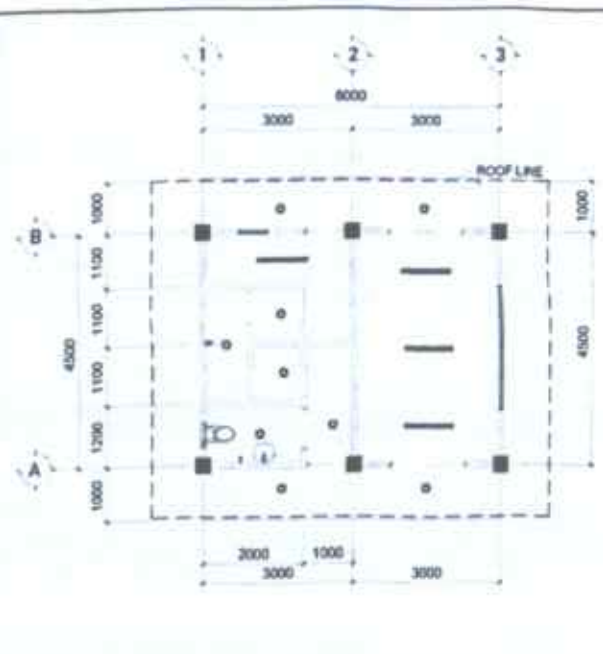
PREPARED BY THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	DESIGNED & REVIEWED BY	RECORDING/SEAL APPROVAL	APPROVED	PROJECT CONTENTS	SHEET NO.
 DEPARTMENT OF AGRICULTURE BUREAU OF AGRICULTURAL EXTENSION SERVICES National Agricultural Extension Services	CONSTRUCTION OF BOAR STUDIO	 AR. HILDA L. MORALES ARCHITECT	 MARK HAMBY G. PASTOR, ARE ARCHITECT	 DENNIS L. TACCOC, ARE ARCHITECT	 JOVY PASCUAL ARE - Registered Architect	SHEET NO. 13	A 13



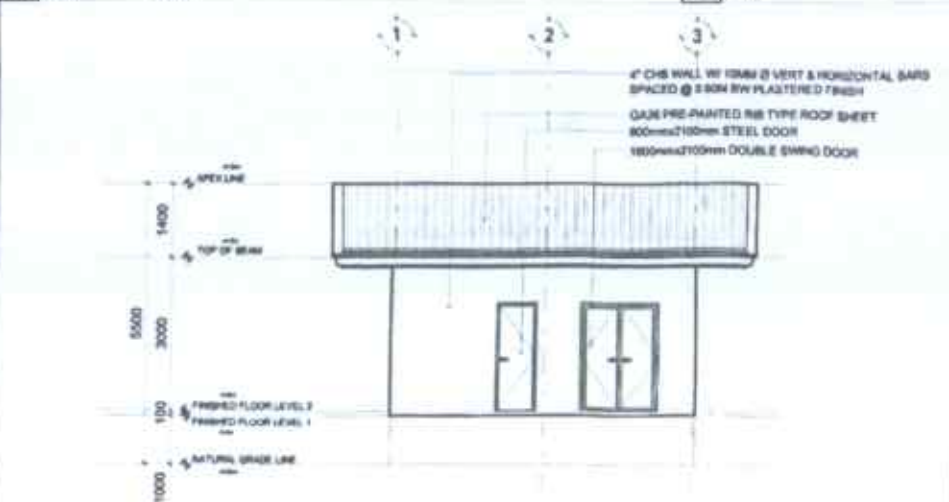
1 FLOOR PLAN
SCALE 1:100M



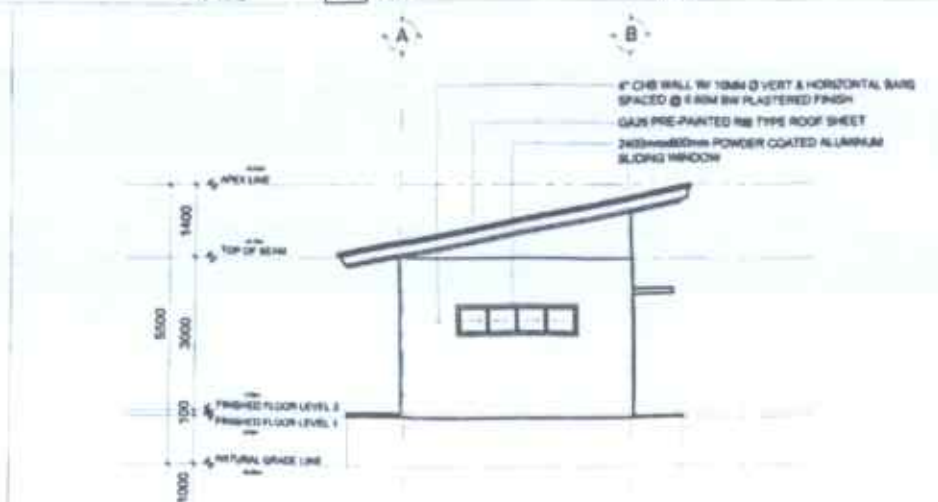
2 TILING LAYOUT/ FLOOR FINISH LAYOUT
SCALE 1:100M



3 REFLECTED CEILING PLAN
SCALE 1:100M

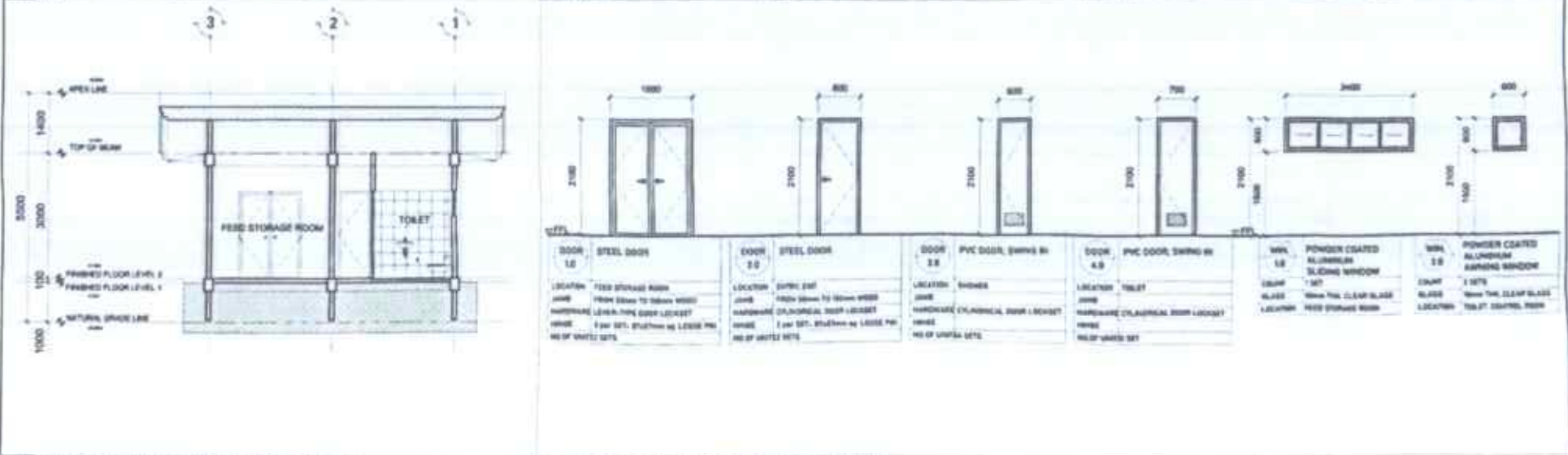
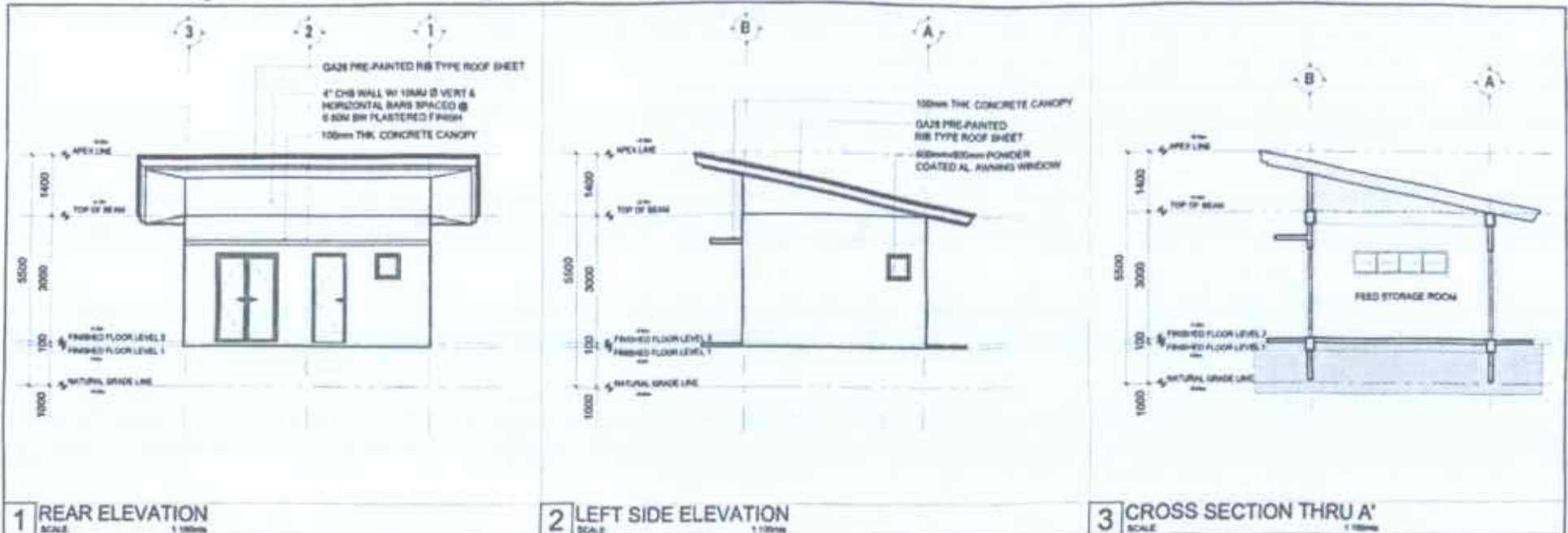


4 FRONT ELEVATION
SCALE 1:100M

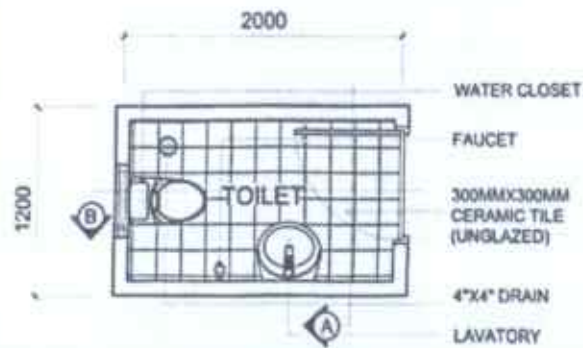


5 RIGHT SIDE ELEVATION
SCALE 1:100M

<p>PREPARED FROM THE OFFICE OF THE DEPARTMENT OF AGRICULTURE GENERAL FIELD OFFICE NO. 1 RANANAKA, RANANAKA PROVINCE, EAST TIMOR</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY <i>[Signature]</i> AR. HEARSTON E. L. MORALES ARCHITECT</p>	<p>CHECKED & REVIEWED BY <i>[Signature]</i> MARK BARRY G. PASTOR, ARE ARCHITECT</p>	<p>RECOMMENDED APPROVAL <i>[Signature]</i> MESMEL TACTAC, ARE ARCHITECT</p>	<p>APPROVED <i>[Signature]</i> JOHN B. PASCUAL, DVM VET. Regional Director (Livestock)</p>	<p>SHEET CONTENTS</p>	<p>SHEET NO. A 14</p>
--	---	---	--	--	---	-----------------------	---



<p>4 PREPARED BY THE OFFICE OF THE DEPARTMENT OF AGRICULTURE GENERAL FIELD OFFICE, 11 MORONG, Bataan, Philippines</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY MR. JOSE P. L. SORIANO</p>	<p>CHECKED & REVIEWED BY MARK HARRIS PASTOR, ARE</p>	<p>REGISTERED ARCHITECT DESIGNER: L. L. LACAY, ARE</p>	<p>APPROVED JOHN R. FASCUAL, DVM</p>	<p>SHEET CONTENTS AS SHOWN</p>	<p>SHEET NO. A 15</p>
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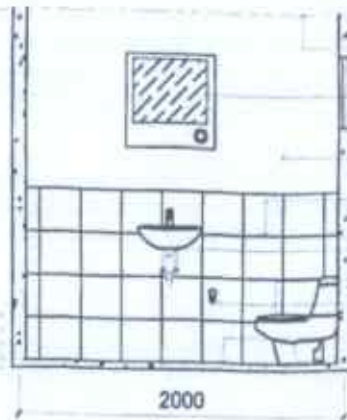


COMFORT ROOM LAYOUT

CEILING LINE
ELEV. @ 2.50 m

FINISH FLOOR LINE
ELEV. @ 0.70 m

NATURAL GRADE LINE
ELEV. @ 0.00 m



SECTIONAL ELEVATION B

MARINE PLYWOOD
CEILING COVER

HANGING CABINET
W/ MIRROR

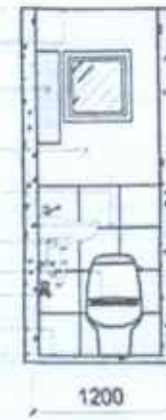
PLAIN CEMENT PLASTER
IN PAINT FINISH; WHITE

300MMX300MM CERAMIC TILE
(GLAZED)

LAVATORY

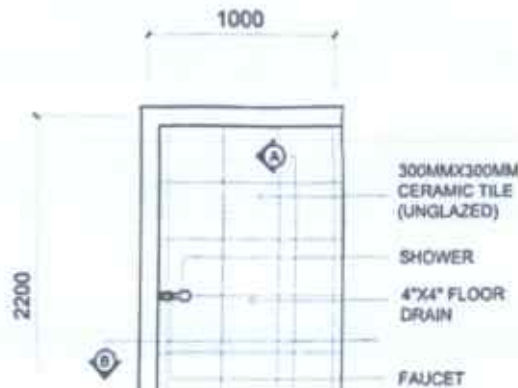
WATER CLOSET
FAUCET

300MMX300MM CERAMIC
TILE (UNGLAZED)



SECTIONAL ELEVATION A

1 TOILET DETAILS
SCALE: NTS

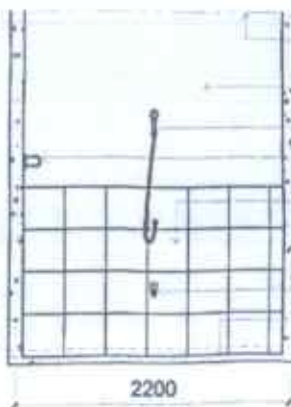


SHOWER LAYOUT

CEILING LINE
ELEV. @ 2.50 m

FINISH FLOOR LINE
ELEV. @ 0.70 m

SHOWER FLOOR LINE
ELEV. @ 0.05 m



SECTIONAL ELEVATION A

MARINE PLYWOOD
CEILING COVER

PLAIN CEMENT PLASTER
IN PAINT FINISH; WHITE

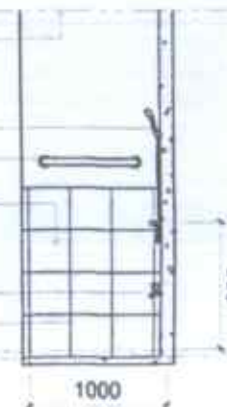
SHOWER

STAINLESS TOWEL RAIL

300MMX300MM CERAMIC
TILE (GLAZED)

FAUCET

300MMX300MM CERAMIC
TILE (UNGLAZED)



SECTIONAL ELEVATION B

2 SHOWER DETAILS
SCALE: NTS

PROFESSOR/IN CHARGE OF THE PROJECT	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	RECOMMENDING APPROVAL	APPROVED	DATE	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE FISHERIES AND AQUACULTURE EXTENSION DIVISION</p>	CONSTRUCTION OF BOAR STUDIO	 AR. INES L. MORALES REGISTERED ARCHITECT	 MARK HARBIN, C. PASTOR, ARE REGISTERED ARCHITECT	 DENNIS L. T. TAC, ARE REGISTERED ARCHITECT	 GENY B. PANGELAN, DVM REGISTERED ARCHITECT	10-20-2024	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> A 16 </div>



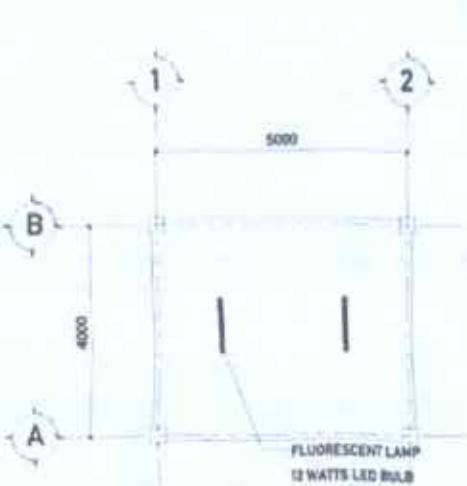
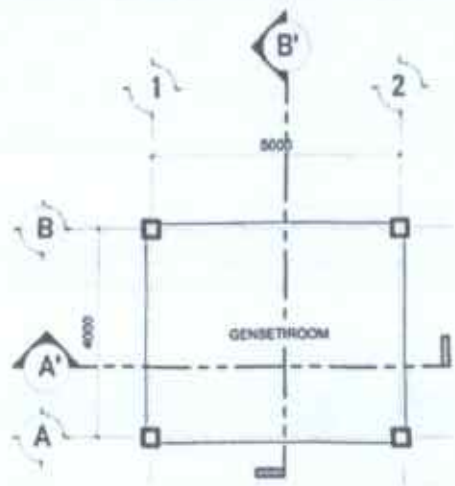
GENSET ROOM

1 PERSPECTIVE

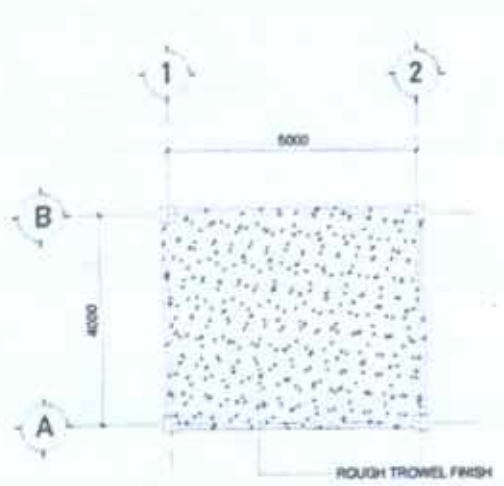
SCALE: AS SHOWN
 PREPARED FOR THE OFFICE OF THE
DEPARTMENT OF AGRICULTURE
 MISSISSIPPI AGRICULTURAL MECHANIZATION BOARD
 MISSISSIPPI AGRICULTURAL MECHANIZATION BOARD

PROJECT TITLE	PROJECT NO.	DATE	PROJECT NO.	DATE
CONSTRUCTION OF BOAR STUDIO	17	17	17	17
PREPARED BY	APPROVED BY	DATE	DATE	DATE
AC JONES, INC. P. MORRIS	MARK HARRIS, A.PASTOR, A.B.E.	17	17	17
CONSTRUCTION OF BOAR STUDIO	MARK HARRIS, A.PASTOR, A.B.E.	17	17	17
CONSTRUCTION OF BOAR STUDIO	MARK HARRIS, A.PASTOR, A.B.E.	17	17	17

MISSISSIPPI AGRICULTURAL MECHANIZATION BOARD
 MISSISSIPPI AGRICULTURAL MECHANIZATION BOARD
 MISSISSIPPI AGRICULTURAL MECHANIZATION BOARD



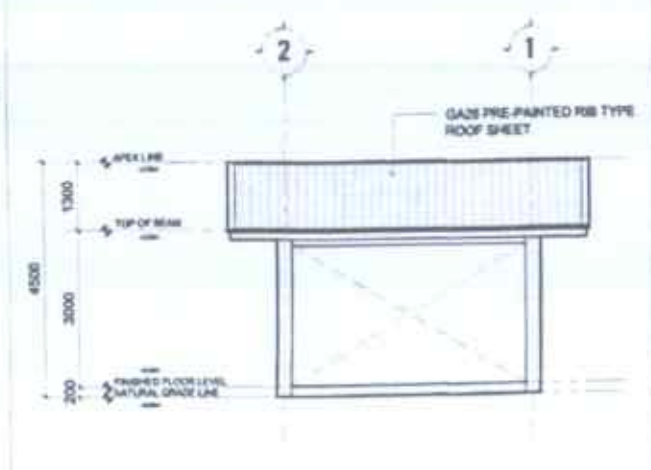
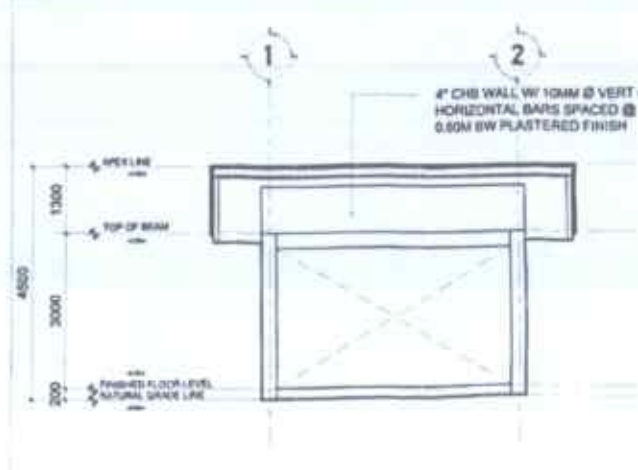
NOTE:
CEILING FINISH: 4' X 8' X 4.5mm FICEM BOARD ON A METAL FURRING AND CARRYING CHANNEL CEILING FRAME SYSTEM, COMPLETE WITH ACCESSORIES AND HARDWARES



1 FLOOR PLAN
SCALE 1:1000

2 REFLECTED CEILING PLAN
SCALE 1:1000

3 TILING LAYOUT/ FLOOR FINISH LAYOUT
SCALE 1:1000

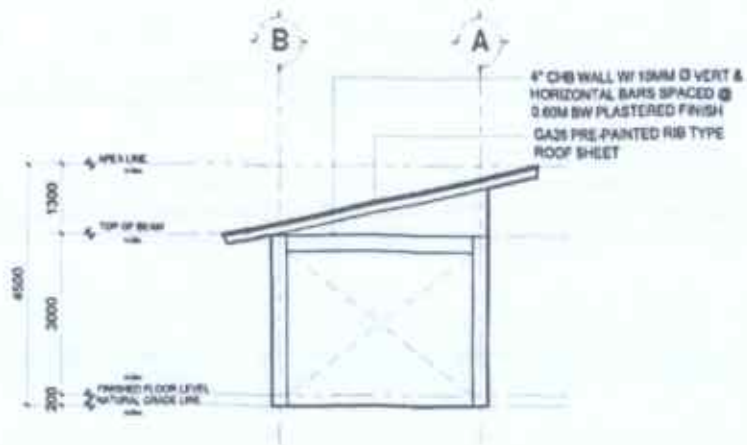


4 ROOF PLAN
SCALE 1:1000

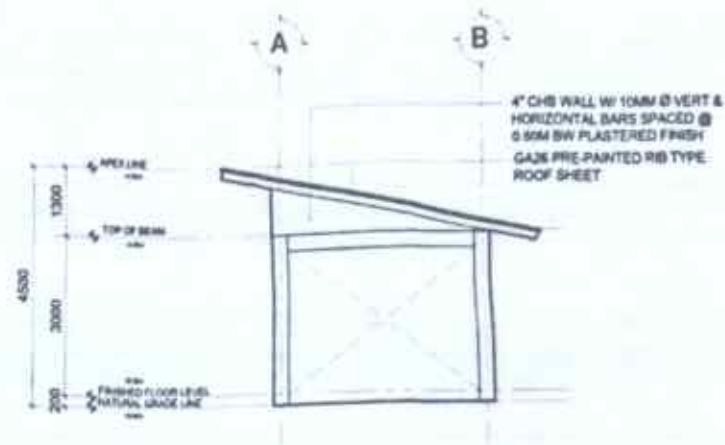
5 FRONT ELEVATION
SCALE 1:1000

6 REAR ELEVATION
SCALE 1:1000

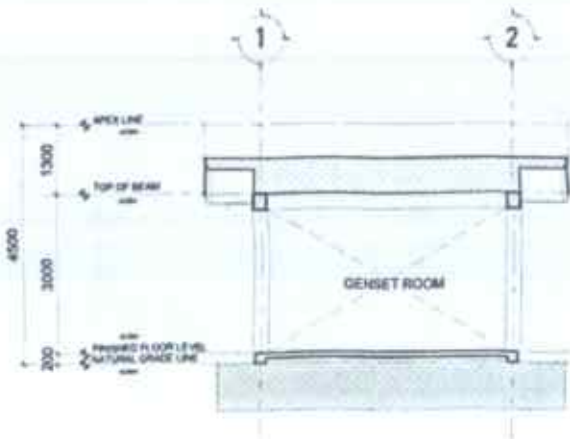
PREPARED FROM THE OFFICE OF THE DEPARTMENT OF AGRICULTURE TRAINING, FIELD OFFICE AND RESEARCH DIVISION Bureau, Administrative, Engineering Division	PROJECT TITLE CONSTRUCTION OF BOAR STUDIO	PREPARED BY AR. H. S. K. L. MISHRA, B.S. ARCHITECT, CIVIL ENGINEER	CHECKED AND REVIEWED BY MARK MAHALINGAM, ABE ARCHITECT, CIVIL ENGINEER	REVIEWED/VERIFIED APPROVED BY DHANRAJ LAKSHMI, ABE ARCHITECT, CIVIL ENGINEER	APPROVED BY JOHN S. NARAYAN, OBE ARCHITECT, CIVIL ENGINEER	SHEET CONTENTS 18 SHEETS	SHEET NO. A 18
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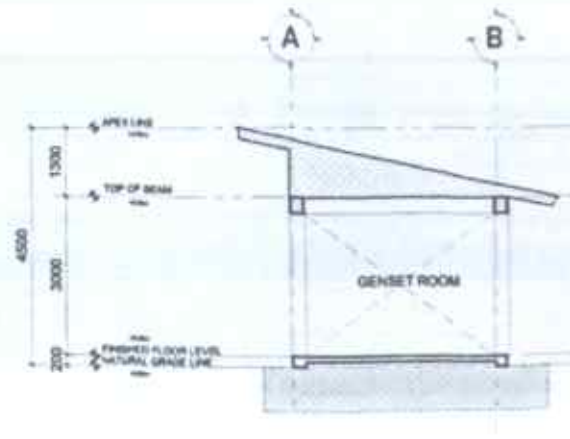
1 LEFT SIDE ELEVATION
SCALE 1:100mm



2 RIGHT SIDE ELEVATION
SCALE 1:100mm



3 LONGITUDINAL SECTION THRU A'
SCALE 1:100mm



4 CROSS SECTION THRU B'
SCALE 1:100mm

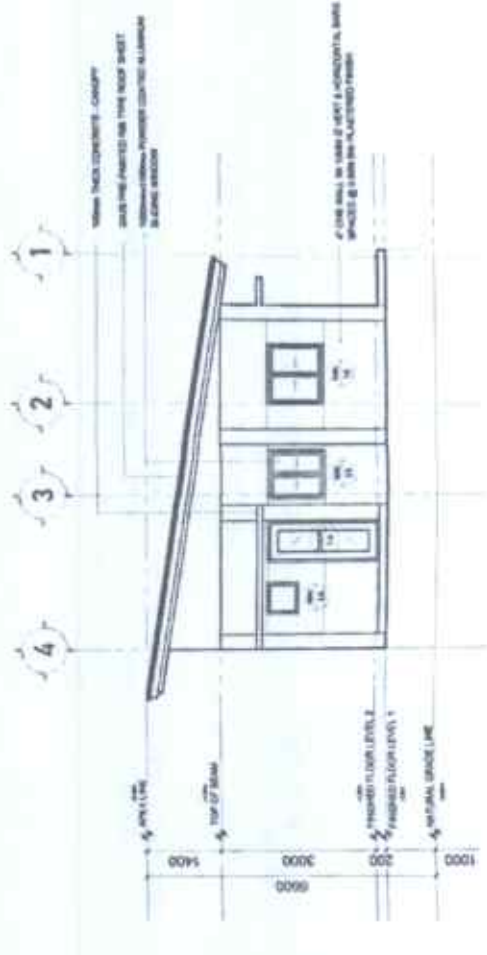
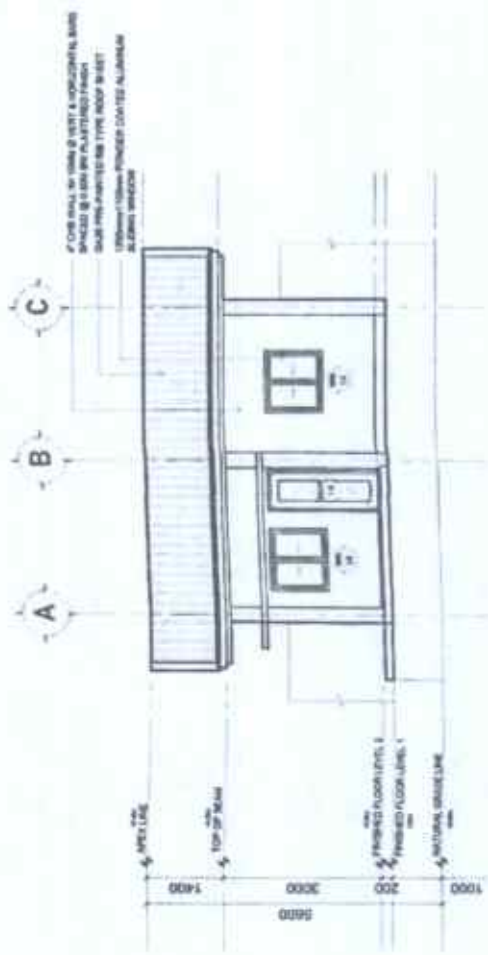
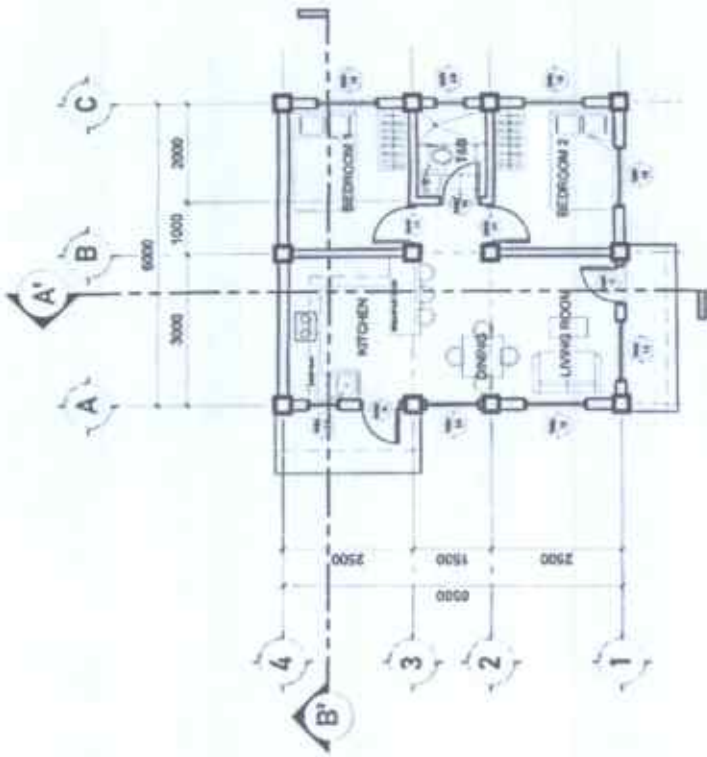
PREPARED BY	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	EXAMINER/SEAL APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE FISHERIES AND FORESTRY Queensland, Australia</p>	CONSTRUCTION OF BOAR STUDIO	<p>A.H. JAMES CIVIL ENGINEER</p>	<p>MARK HARRY PASTUM, AME CIVIL ENGINEER</p>	<p>DENNIS LEE, AME, AME CIVIL ENGINEER</p>	<p>CHEN R. PAUL, CEM, DYM CIVIL ENGINEER</p>	AS SHOWN	<p>A 19</p>



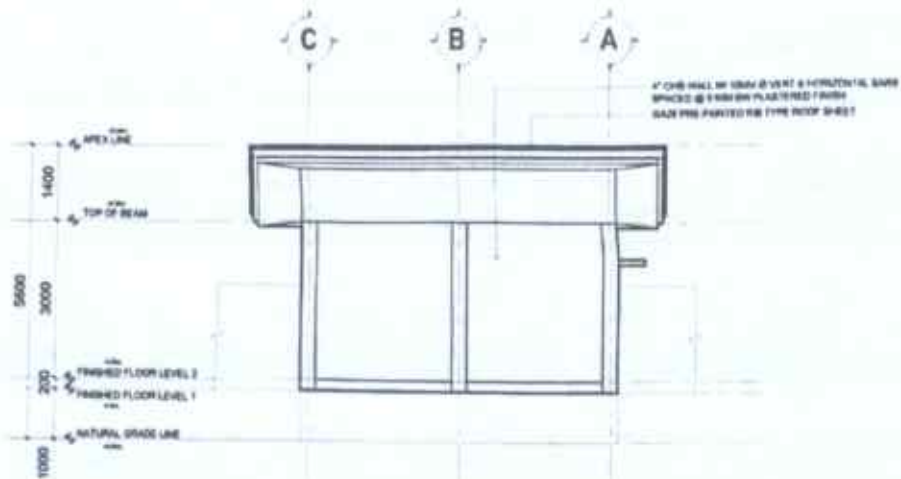
STAFF QUARTERS

1 PERSPECTIVE
SCALE: NTS

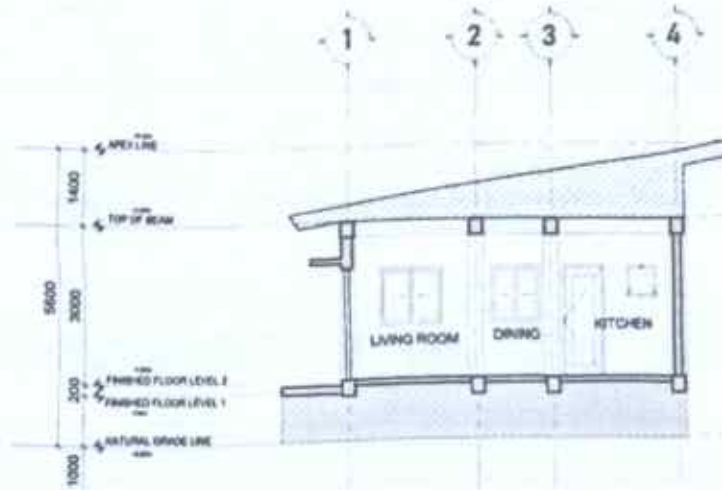
<p>PREPARED FROM THE OFFICE OF THE DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 Regional Agriculture Extension Division</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY <i>[Signature]</i> AR. JESUS L. MORALES Architect</p>	<p>CHECKED & APPROVED BY <i>[Signature]</i> MARK HANON L. PASTOR, ARE Architect</p>	<p>REVISIONS/REVISIONS <i>[Signature]</i> DEVIDE T. CASCAS, ARE Architect</p>	<p>APPROVED <i>[Signature]</i> JHES B. PALMAGE, DVM DVM, National Institute of Health</p>	<p>SHEET CONTENTS AS SHOWN</p>	<p>SHEET NO. A 20</p>
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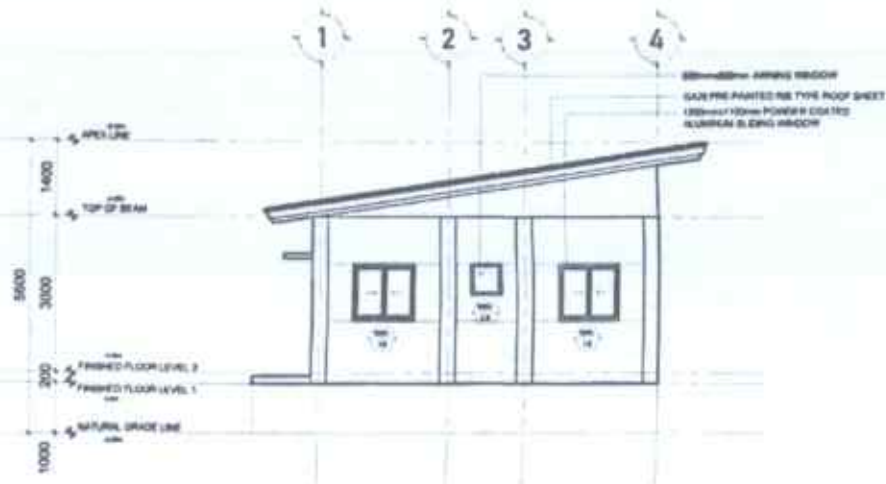
<p>1 FLOOR PLAN SCALE: 1/8"=1'-0"</p> <p>PROJECT TITLE: CONSTRUCTION OF BOAR STUDIO</p> <p>DEPARTMENT OF AGRICULTURE Bioscience Administration Extension Services Division</p> <p>FOR OFFICE USE ONLY: MARKER & MORTIMER/2018</p>	<p>DESIGNED BY: AK JORDAN</p> <p>MARKER & MORTIMER/2018</p>	<p>PREPARED BY: AK JORDAN</p> <p>MARKER & MORTIMER/2018</p>	<p>CHECKED & REVISED BY: MARK HARRY ASTOR, ABE</p>	<p>APPROVED BY: [Signature]</p> <p>MARKER & MORTIMER/2018</p>	<p>DATE: 01/20/2018</p>	<p>SHEET NO.: A/21</p>
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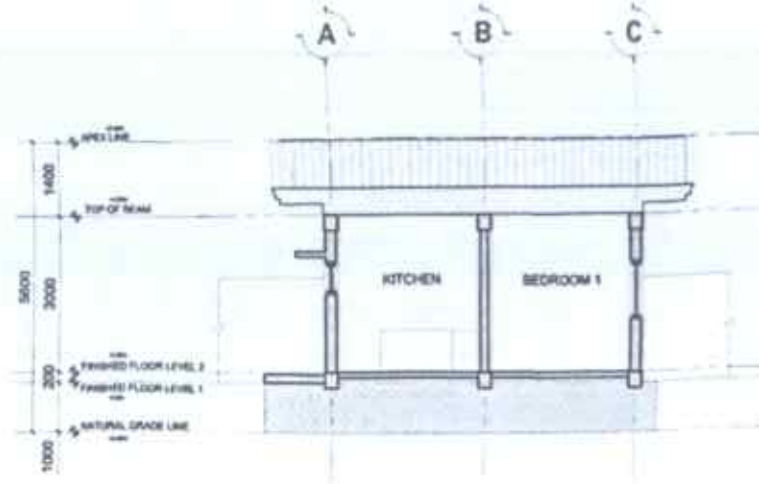
1 REAR ELEVATION
SCALE 1:100mm



3 LONGITUDINAL SECTION
SCALE 1:100mm

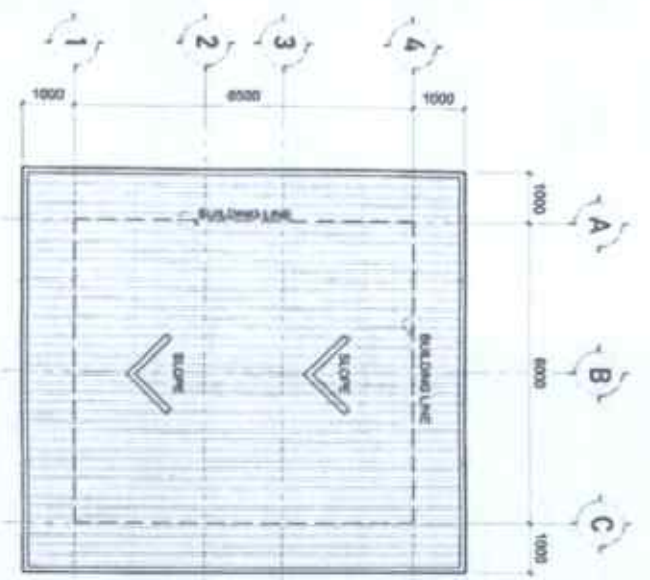


2 RIGHT SIDE ELEVATION
SCALE 1:100mm

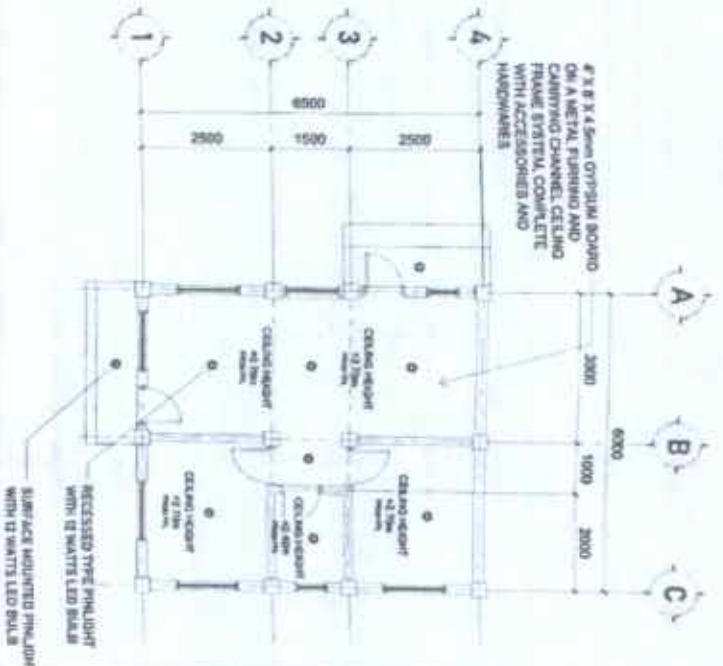


4 CROSS SECTION
SCALE 1:100mm

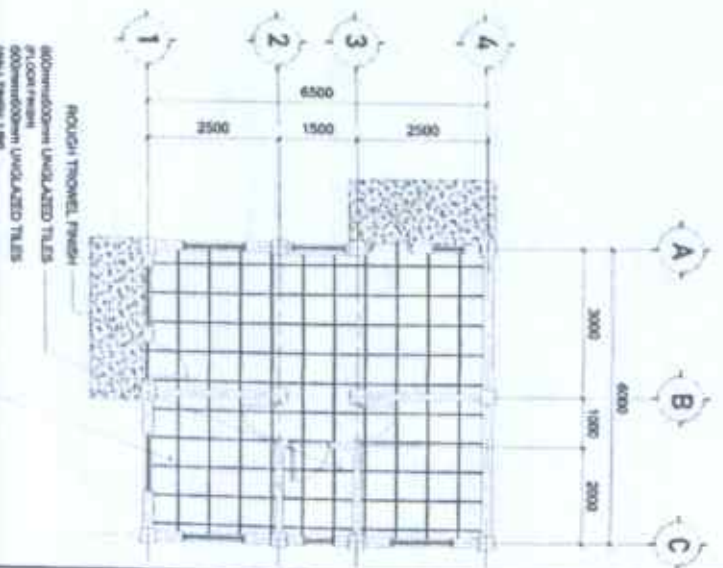
PREPARED BY	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	REVISIONS/REVISED APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
DEPARTMENT OF AGRICULTURE NATIONAL FIELD OFFICE NO. 1 National Agricultural Extension Division	CONSTRUCTION OF BOAR STUDIO	ALBERTO L. MORALES ARCHITECT	MARK HARRY PASTOR, ARE ENGINEER	DONNEL TAUFAL, ARE ENGINEER	MILVE FELICIANO ARCHITECT		A 22



1 ROOF PLAN
SCALE 1:500



2 REFLECTED CEILING PLAN
SCALE 1:500



3 TILING LAYOUT/FLOOR FINISH LAYOUT
SCALE 1:500

ITEM	DESCRIPTION	LOCATION	QUANTITY	UNIT
1	DOOR FRAME, DOOR SWING IN/OUT	1.1	1	NO
2	WINDOW FRAME, WINDOW SWING IN	1.1	1	NO
3	DOOR FRAME, DOOR SWING IN	1.2	1	NO
4	WINDOW FRAME, WINDOW SWING IN	1.2	1	NO

4 DOOR AND WINDOW SCHEDULE

ITEM	DESCRIPTION	LOCATION	QUANTITY	UNIT
1	POWDER COATED ALUMINIUM SLIDING WINDOW	1.1	1	NO
2	POWDER COATED ALUMINIUM SLIDING WINDOW	1.2	1	NO
3	POWDER COATED ALUMINIUM KAMING WINDOW	1.1	1	NO
4	POWDER COATED ALUMINIUM KAMING WINDOW	1.2	1	NO

5 WINDOW SCHEDULE

DEPARTMENT OF AGRICULTURE, FISHERY AND FORESTRY
 Queensland Government
 Queensland, Australia
 www.daf.qld.gov.au

CONSTRUCTION OF ROAR STUDIO

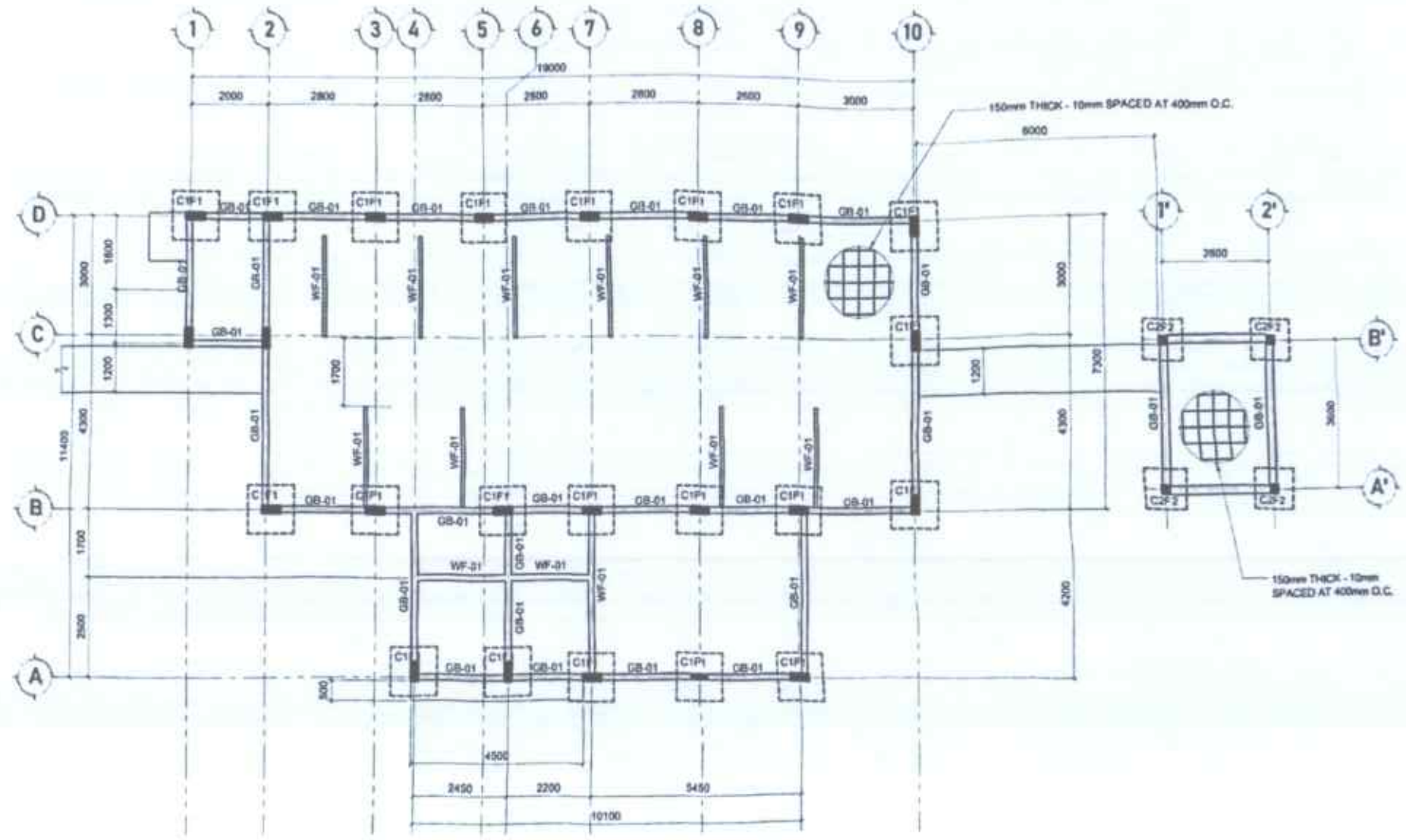
PREPARED BY: AR. HIRSH, J. L. MORALLES
DATE: 15/08/2024

DESIGNED BY: MARK HANLEY, G. PASTOR, ABE
DATE: 15/08/2024

ENGINEERED BY: JESSIE E. STANTON, ABE
DATE: 15/08/2024

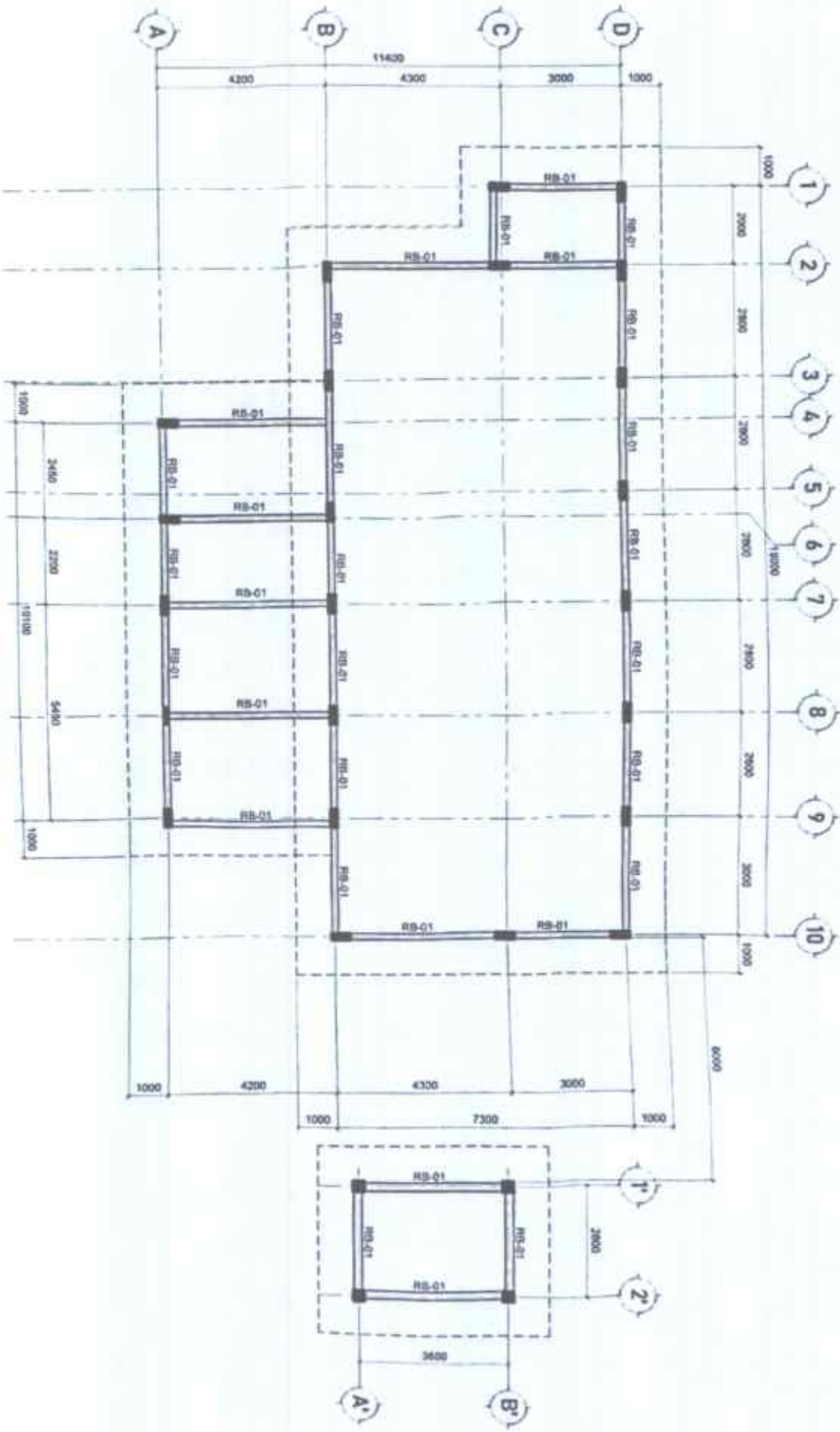
CONTRACT NO.: 2024/001
PROJECT NO.: 2024/001

SCALE: A/23



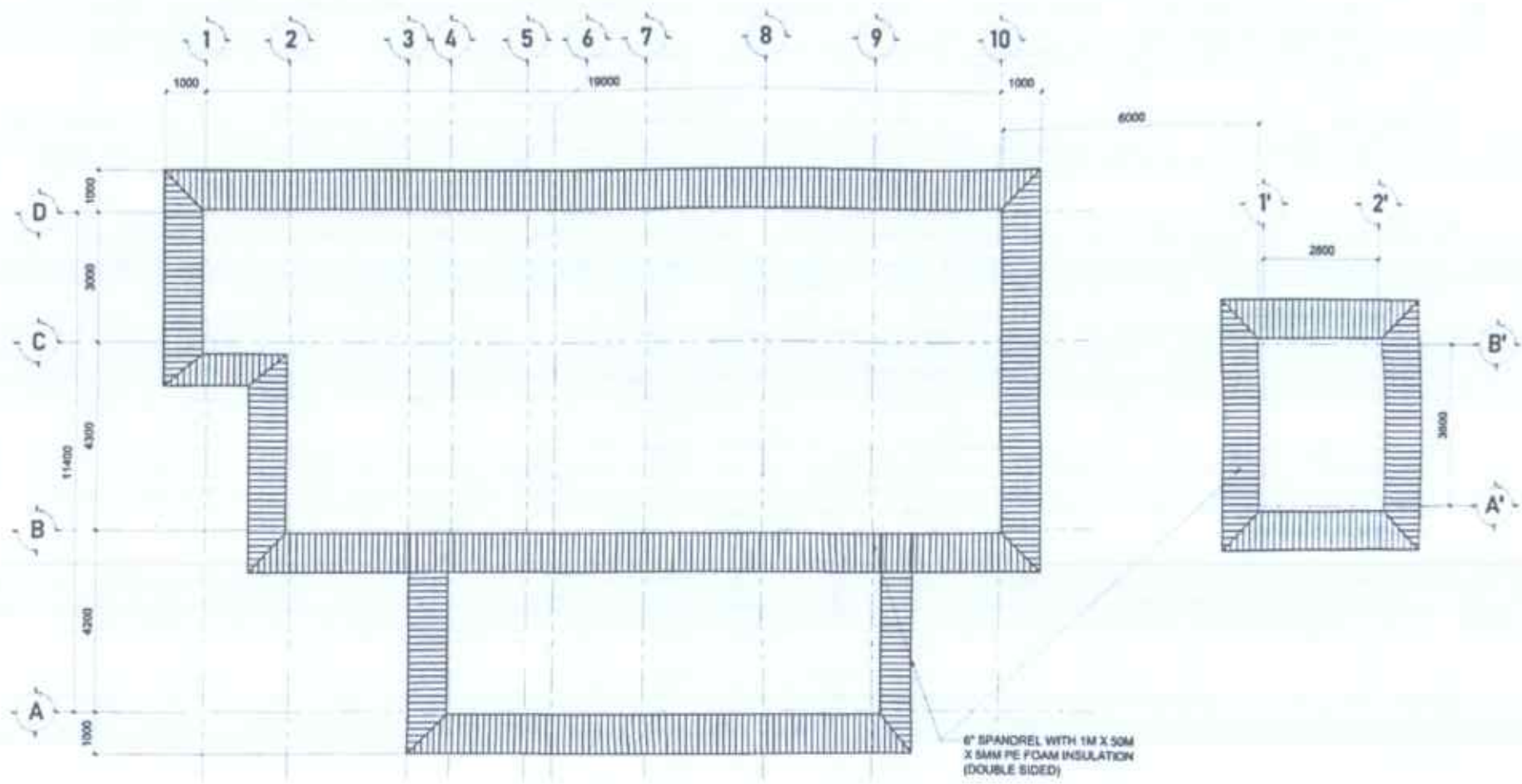
1 FOUNDATION PLAN (BOAR STUDIO)
SCALE: 1:100 (PL)

PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	DESIGNED & REVIEWED BY	REGISTERED ENGINEER APPROVAL	APPROVED	PROJECT COMMENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE GENERAL FIELD OFFICE Bldg. 1 Rural, Agricultural Extension Division</p>	CONSTRUCTION OF BOAR STUDIO	AR. HENRIETTA L. MORALES	MARK HARRY L. PASTOR, ABE	<p>HENRIETTA L. MORALES, ABE</p>	<p>MARK HARRY L. PASTOR, ABE</p>	AS SHOWN	<p>S 1.0</p>



1 ROOF BEAM PLAN (BOAR STUDIO)

 <p>DEPARTMENT OF AGRICULTURE BUREAU OF AGRICULTURAL EXTENSION SERVICES Regional Administrative Center - Marikina City</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY AR. HENRY T. MORALES</p>	<p>DATE OF ISSUE 11/11/24</p>	<p>APPROVED BY MARK JAVIER G. PASTOR, ARE</p>	<p>DATE OF APPROVAL 11/11/24</p>	<p>SCALE AS SHOWN</p>	<p>PROJECT NO. S 20</p>
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6" SPANDREL WITH 1M X 50M X 5MM PE FOAM INSULATION (DOUBLE SIDED)

1 ROOF INSULATION LAYOUT (BOAR STUDIO)

PREPARED FOR THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & APPROVED BY	REGISTERED PROFESSIONAL OFFICE NO.	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE BUREAU OF ANIMAL INDUSTRY DIVISION Bioscience, Animal Production, Extension and Outreach</p>	CONSTRUCTION OF BOAR STUDIO	 AR. HERIBERTO L. MORALES Architect	 MARK HARRY G. PASTOR, ABE Professional Engineer	 DENNIS L. TACAC, ABE Professional Engineer	 JOHN E. PASCUAL, DVM Veterinarian	<p>AS SHOWN</p>	<p>S 3.0</p>

1 ROOF FRAMING PLAN (BOAR STUDIO)

DEPARTMENT OF AGRICULTURE
 Bureau of Animal Industry
 National Animal Health Laboratory
 Laboratory for the Control and Treatment of Diseases

CONSTRUCTION OF BOAR STUDIO

PREPARED BY: **MR. HERNANDEZ, I. NORALES**

DATE: *10/15/2019*

APPROVED BY: **MARK HAYAN, G. PASTOR, ARE**

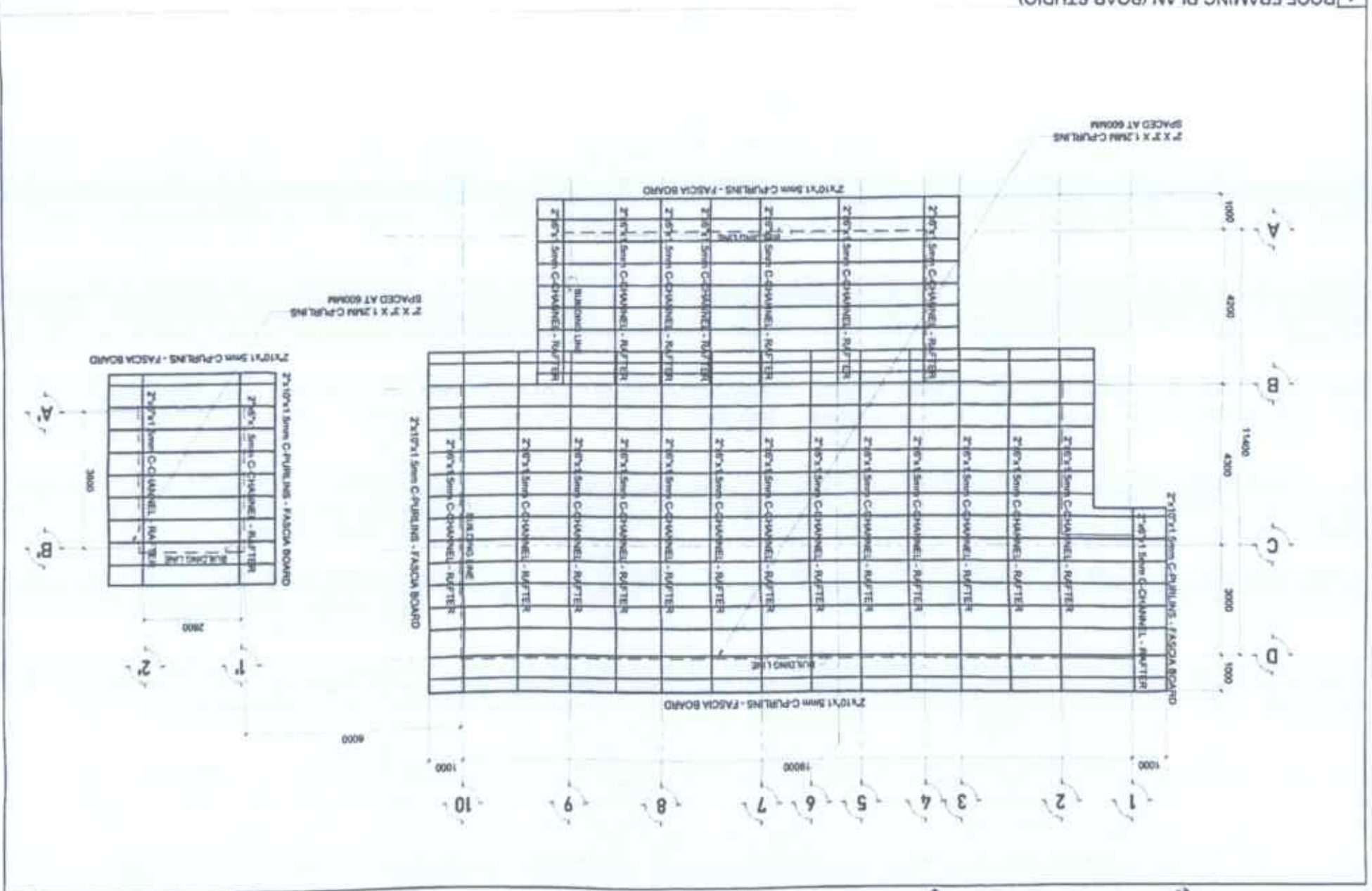
DESIGNED BY: **DENNIS P. MACARA**

APPLICANT: **WILLIE B. PASTOR, ARE**

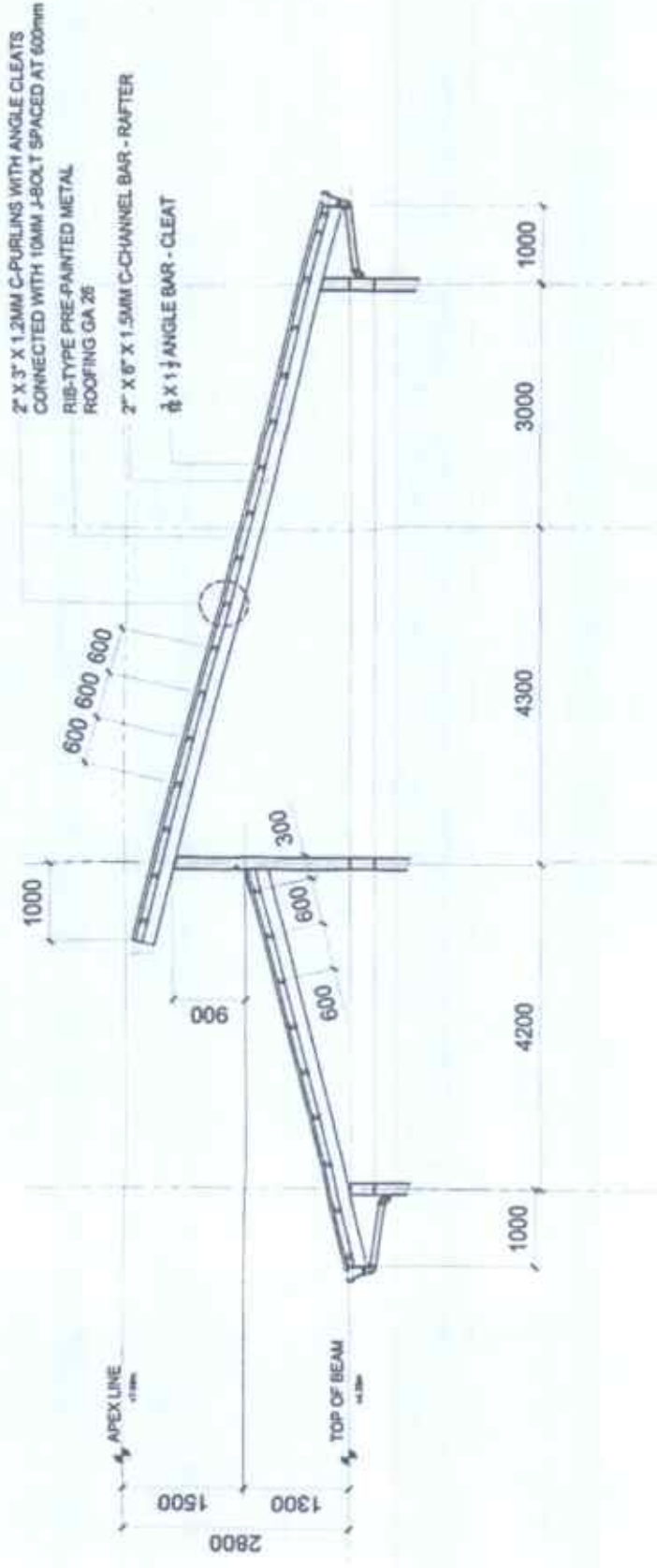
PROJECT LOCATION: *...*

SHEET NO. 1

4.0 S



PLANNING AND ARCHITECTURE



1 RAFTER DETAILS (BOAR STUDIO)
SCALE: 1/8" = 1'-0"

DEPARTMENT OF AGRICULTURE
 BUSINESS ADMINISTRATION, EXTENSION SERVICE
 100 SOUTH MAIN ST., MOBILE, ALABAMA 36688-3000

PROJECT TITLE:
 CONSTRUCTION OF BOAR STUDIO

PREPARED BY:
 AR. HENRI L. MORALES
 (Professional Seal)

DATE REVISION MADE BY:
 MARK HAYES G. PASTOR, ARE
 (Professional Seal)

REVISIONS/REVISIONS:
 (Professional Seal)

APPROVED:
 (Professional Seal)

SHEET NO.
 S 5.0

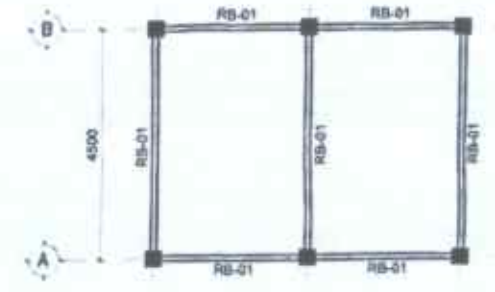


SYMBOL	DESCRIPTION
CB-01	COLUMN FOOTING
WF-01	WALF BEAM
WB-01	WALL FOOTING

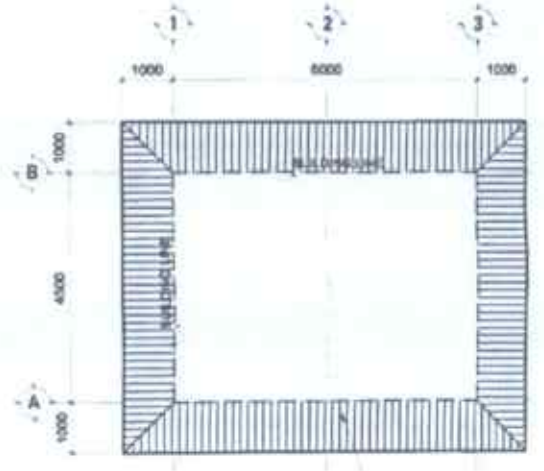


1 FOUNDATION PLAN (FEED BODEGA)
SCALE: 1/8"=1'-0"
1/8MMTS

SYMBOL	DESCRIPTION
RB-01	ROOF BEAM

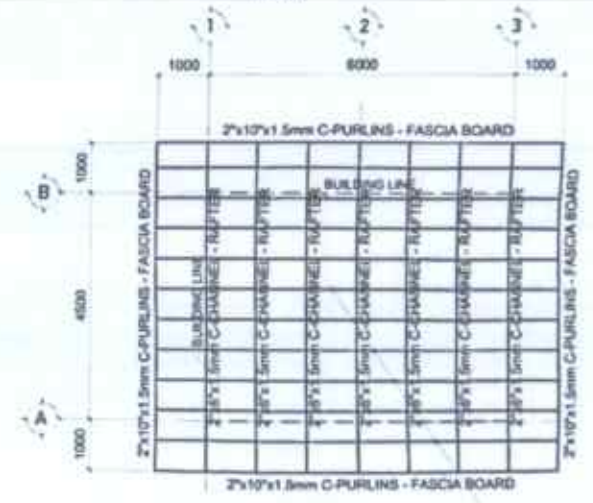


2 ROOF BEAM PLAN (FEED BODEGA)
SCALE: 1/8"=1'-0"
1/8MMTS



8" SPANDREL WITH 1M X 50M X 5MM PE FOAM INSULATION (DOUBLE SIDED)

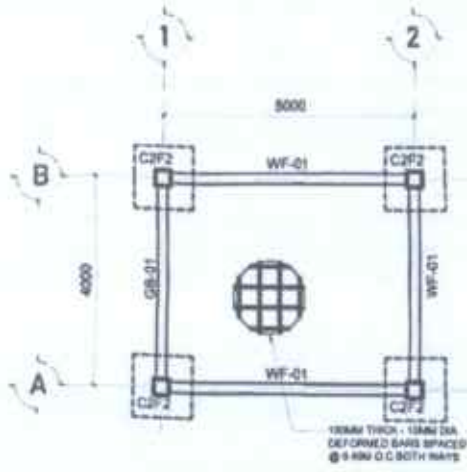
3 ROOF INSULATION LAYOUT (FEED BODEGA)
SCALE: 1/8"=1'-0"
1/8MMTS



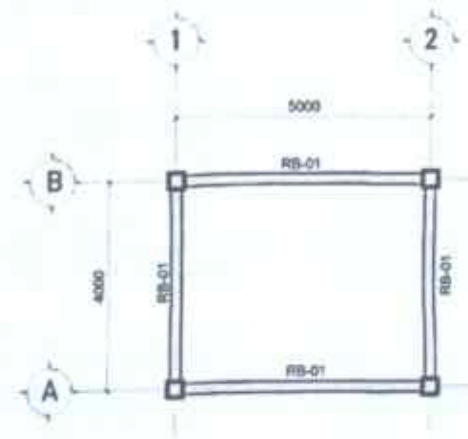
2x3x1.2mm C-PURLINS SPACED AT 800mm O.C.

4 ROOF FRAMING PLAN (FEED BODEGA)
SCALE: 1/8"=1'-0"
1/8MMTS

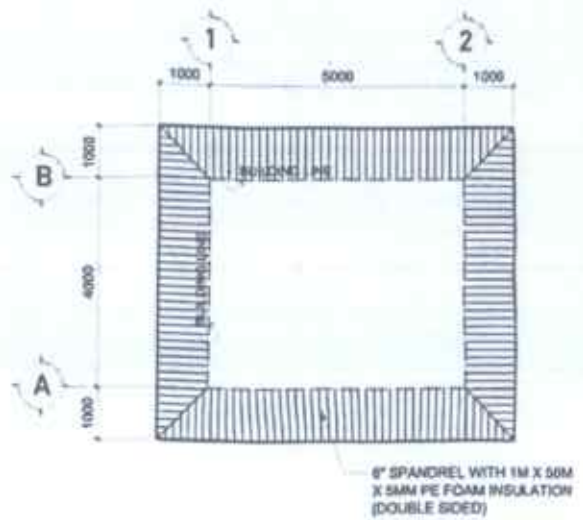
PREPARED BY THE OFFICE OR THE	PROJECT TITLE	PREPARED BY	CHECKED & APPROVED BY	RECOMMENDING AGENCY	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 BANGAL, AGRICULTURAL EXPERIMENT STATION</p>	CONSTRUCTION OF BOAR STUDIO	 AR. HERIBERTO L. MORALES REGISTERED ARCHITECT	 MARK HAMON L. PASTOR, ARE REGISTERED ARCHITECT	 PENNYL TACAC, ARE REGISTERED ARCHITECT	 JOHN B. PASCUAL, DVM REGISTERED VETERINARIAN	<p>USDA/ARS</p>	<p>S 6.0</p>



1 FOUNDATION PLAN (GENSET ROOM)
SCALE 1/8"=1'-0"



2 ROOF BEAM PLAN (GENSET ROOM)
SCALE 1/8"=1'-0"



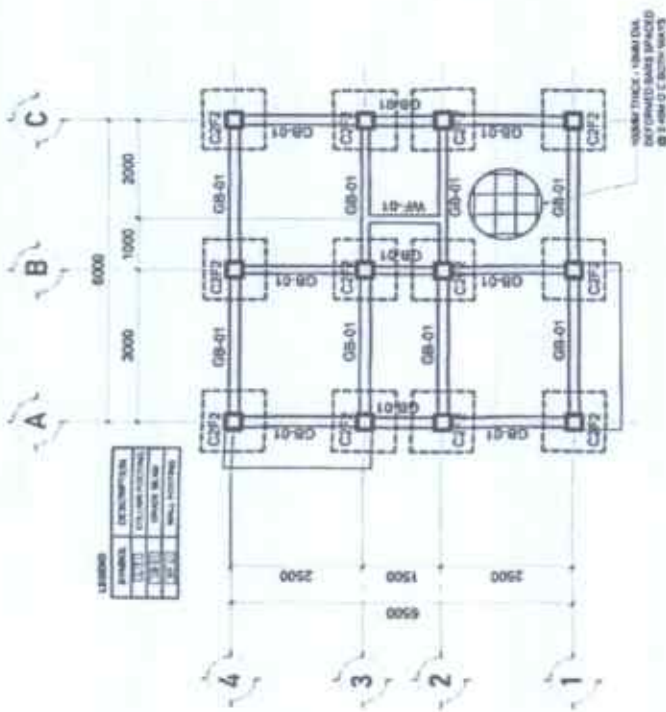
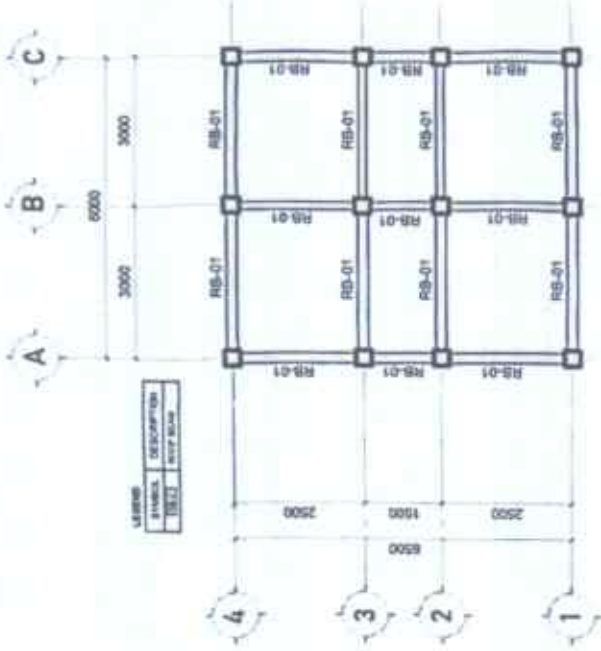
3 ROOF INSULATION LAYOUT (GENSET ROOM)
SCALE 1/8"=1'-0"



4 ROOF FRAMING PLAN (GENSET ROOM)
SCALE 1/8"=1'-0"

PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	RECOMMENDING APPROVER	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE OFFICE OF THE ASSISTANT SECRETARY FOR PLANNING AND DESIGN</p>	CONSTRUCTION OF BOAR STUDIO	 AR. HILDA L. MORALES REGISTERED ARCHITECT	 MARK HARRY C. PASTOR, ABE REGISTERED ARCHITECT	 DENNIS C. TACTAC, ABE REGISTERED ARCHITECT	 JOHN B. PASCUAL, DVM REGISTERED VETERINARIAN	<p>42.0000%</p>	<p>S 7.0</p>

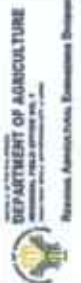
PLANSHEET NUMBER: OTRES-34



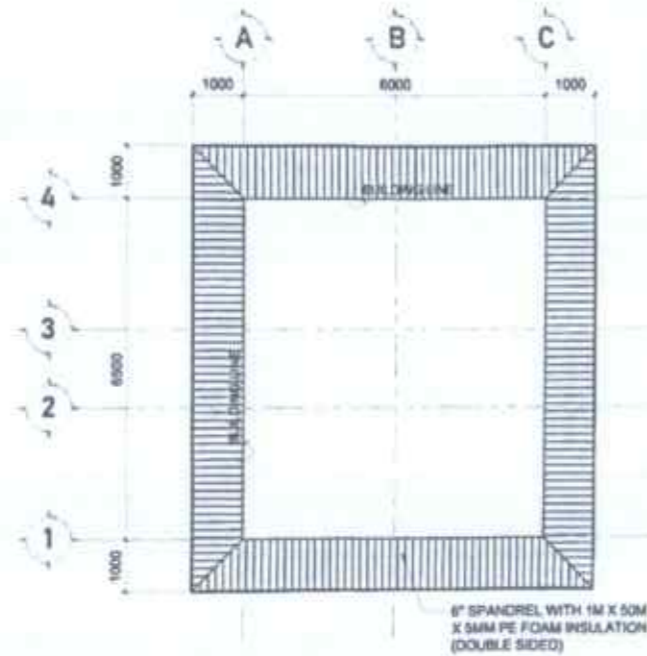
2 ROOF BEAM PLAN (STAFF QUARTERS)

1 FOUNDATION PLAN (STAFF QUARTERS)

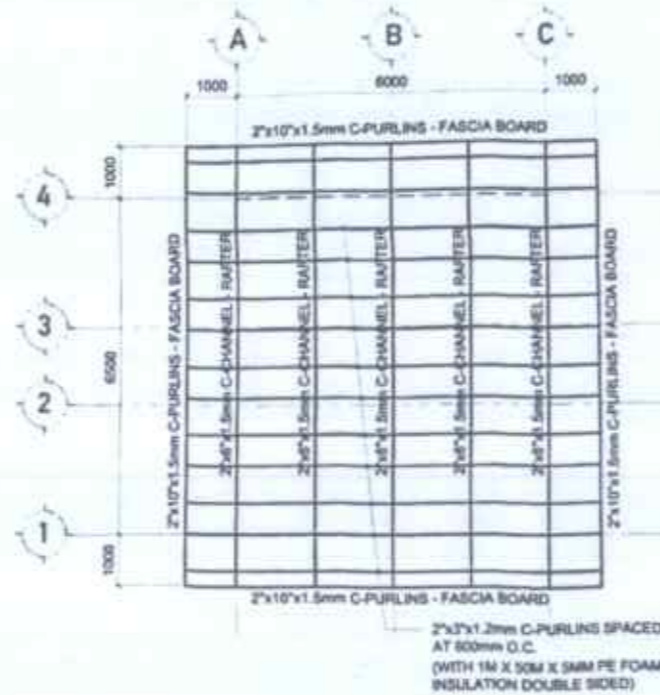
PROJECT TITLE CONSTRUCTION OF BOAR STUDIO	REVISIONS MARK HARRY G. PASTOR, ABE	DATE 2024-08-01	SCALE 1:100	PROJECT NO. S 8.0
DESIGNED BY CONSTRUCTION OF BOAR STUDIO	CHECKED & REVIEWED BY MARK HARRY G. PASTOR, ABE	DATE 2024-08-01	SCALE 1:100	PROJECT NO. S 8.0
DESIGNED BY A.R. JUAN L. MORALES	CHECKED & REVIEWED BY MARK HARRY G. PASTOR, ABE	DATE 2024-08-01	SCALE 1:100	PROJECT NO. S 8.0
DESIGNED BY CONSTRUCTION OF BOAR STUDIO	CHECKED & REVIEWED BY MARK HARRY G. PASTOR, ABE	DATE 2024-08-01	SCALE 1:100	PROJECT NO. S 8.0



DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL EXTENSION SERVICES



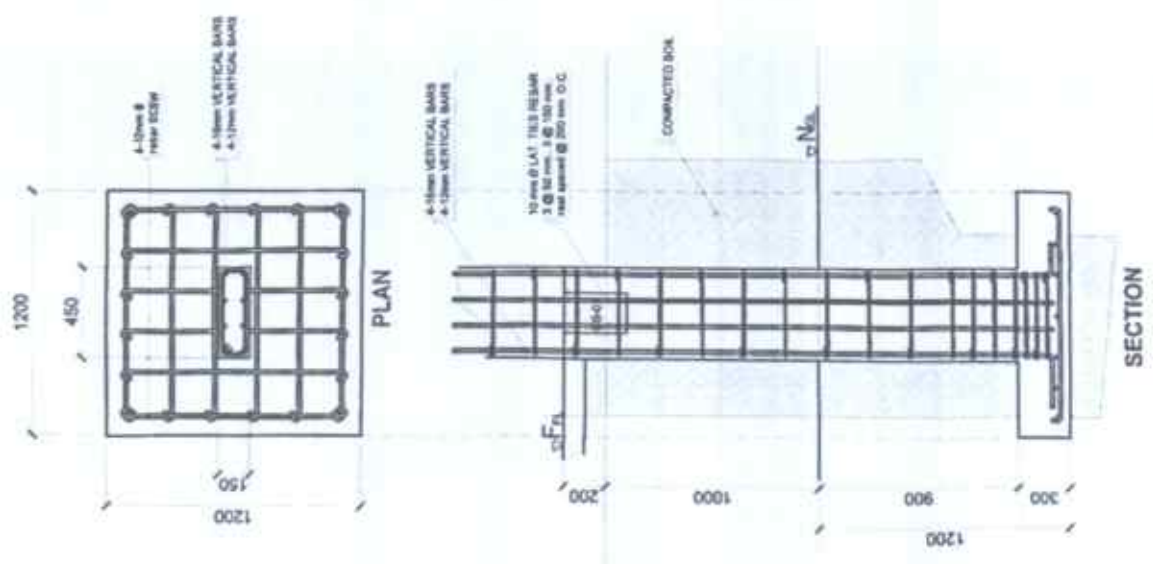
1 ROOF INSULATION LAYOUT (STAFF QUARTERS)



2 ROOF FRAMING PLAN (STAFF QUARTERS)

PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	REVISIONS/NOTES APPROVED	APPROVED	SHEET CONTENTS	SHEET NO.
DEPARTMENT OF AGRICULTURE National Agricultural Extension Director	CONSTRUCTION OF BOAR STUDIO	AR. HENRI J. L. MORALES	MARK HARRY G. PASTOR, ARE	DENNIS L. TAC TAC, ARE	JUAN B. PASCOM, DVM	AS SHOWN	

PLANS AND DETAILS FOR CONCRETE



1 C1-F1 DETAILS
SCALE: 1/20

DEPARTMENT OF AGRICULTURE
Bioscience Administration, Extension & Outreach Division

PROJECT TITLE
CONSTRUCTION OF BOAR STUDIO

PREPARED BY
AR. JESSE L. L. L. MORALES
REGISTERED CIVIL ENGINEER

CHECKED & APPROVED BY
MARK HADJI G. PASTOR, ABF
REGISTERED ARCHITECT

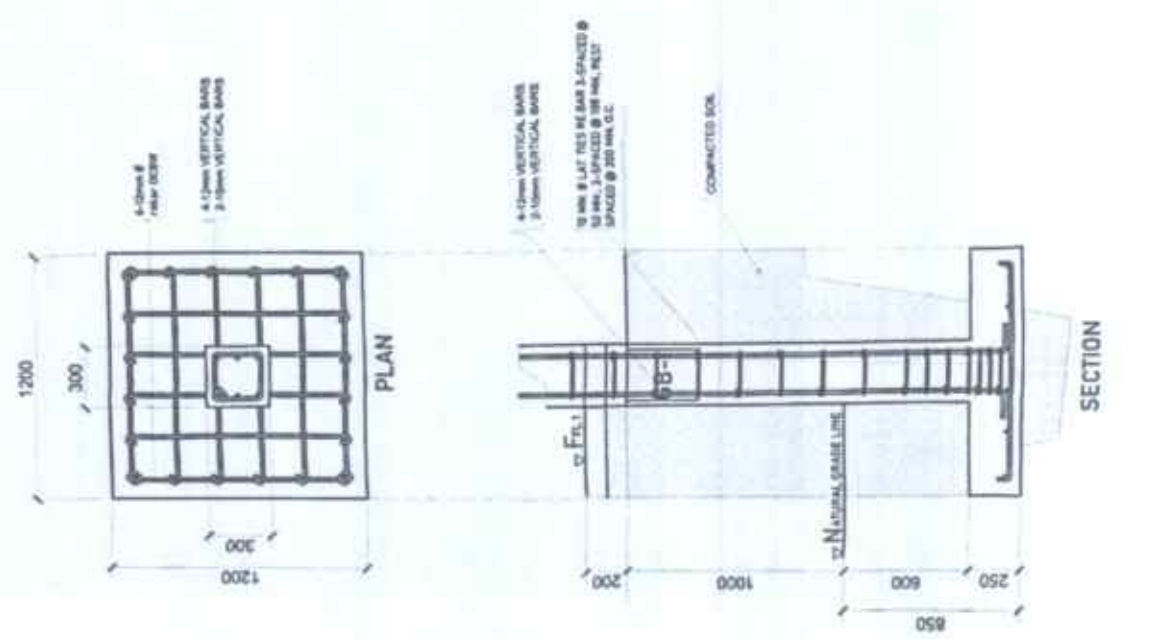
DESIGNED BY
DEANIS C. CACTABARE
REGISTERED ARCHITECT

APPROVED
JOHN B. PARAJAC-DYAN
REGISTERED ARCHITECT

DATE
14 APR 2024

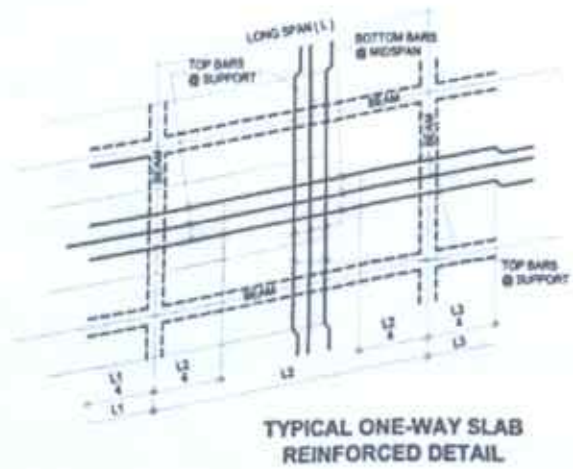
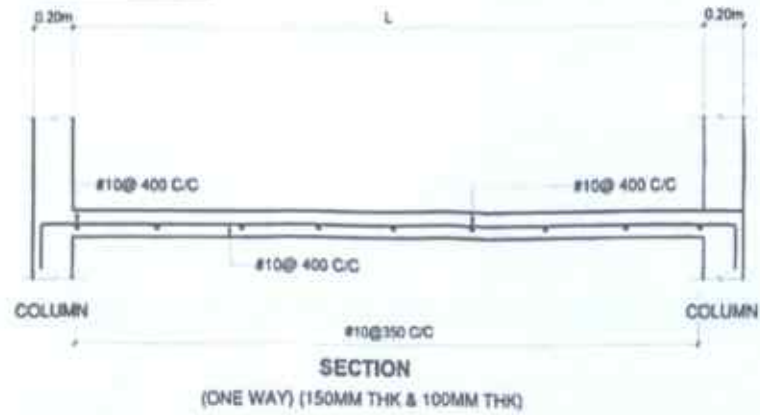
PROJECT NO.
S 10.0

2 C2-F2 DETAILS
SCALE: 1/20



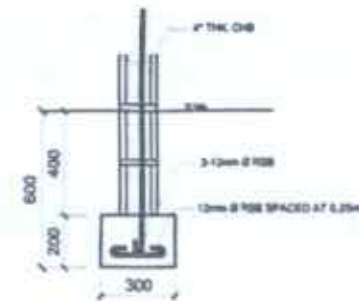
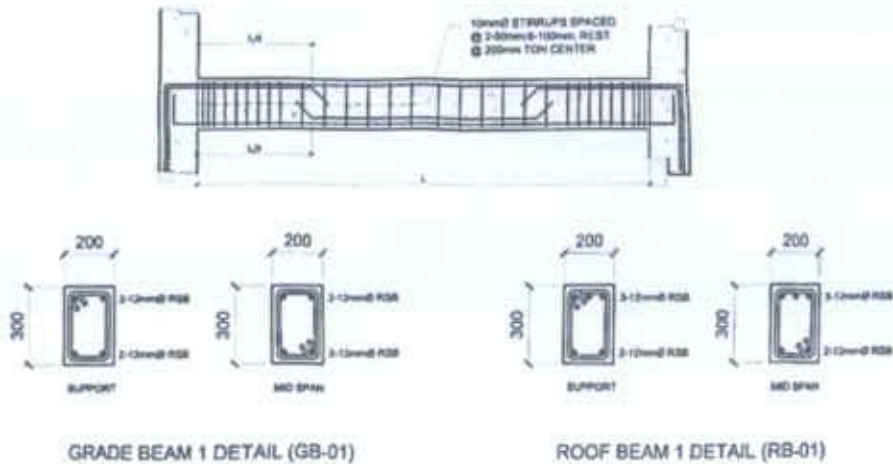


SLAB DETAIL



1 SLAB DETAILS

SCALE: NTS



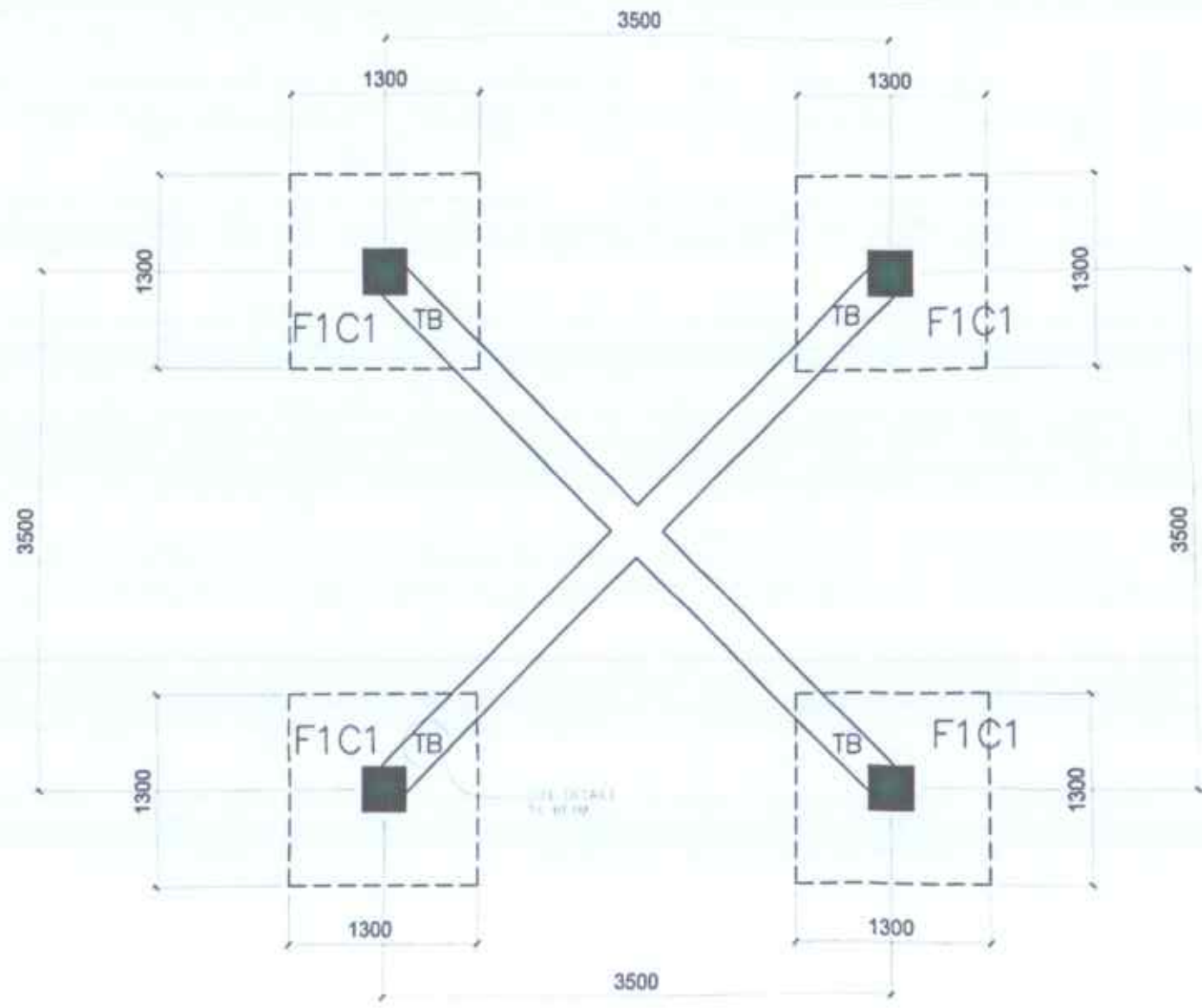
2 BEAM DETAILS

SCALE: NTS

3 WALL-FOOTING DETAILS

SCALE: 1/8"=1'-0"

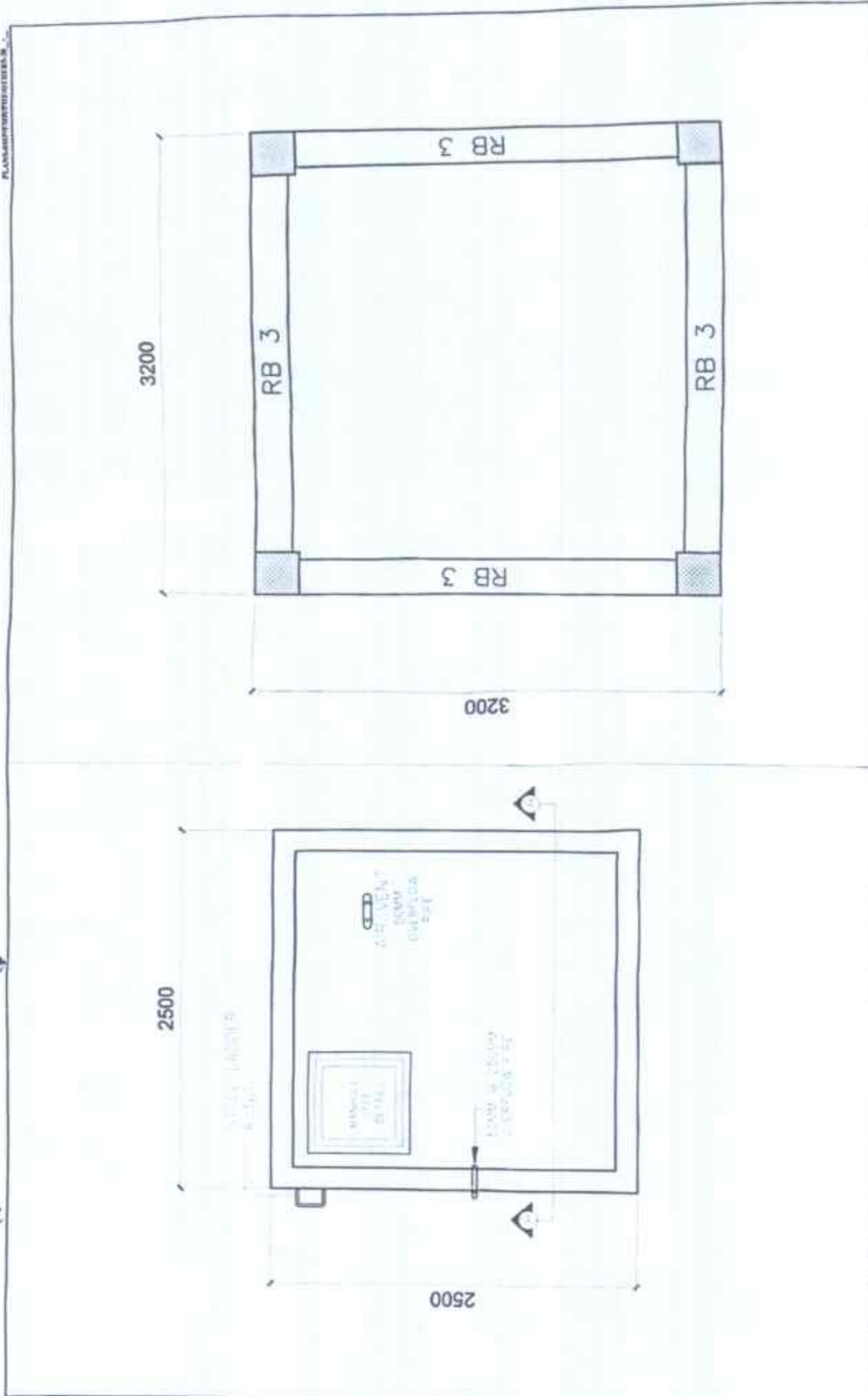
PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	BY COMMERCIAL OFFICE OF	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE NATIONAL FIELD OFFICE NO. 1 MARIKINA CITY, PHILIPPINES</p> <p>Regional Agricultural Extension Division</p>	CONSTRUCTION OF BOAR STUDIO	<p>AIR HERY HULLE L. MORALES PROJECT ENGINEER</p>	<p>MARK HABANG G. PASTOR, AIE CHECK ENGINEER</p>	<p>DENNIS L. TACTAC, ABE PROJECT ARCHITECT</p>	<p>JOHN B. PASCUAL, DYM AIE Regional Executive Director</p>	<p>11.08.17</p>	<p>S 11.0</p>



1 FOUNDATION PLAN (OVERHEAD TANK)

SCALE: 1/8"=1'-0"

PREPARED BY	CHECKED & REVIEWED BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
 AR. UPEY A. L. MORALES <small>REGISTERED ARCHITECT</small>	 MARK H. G. PASTOR, ARE <small>REGISTERED ARCHITECT</small>	 DENNIS T. TACAC, ARE <small>REGISTERED ARCHITECT</small>	 JOHN B. PASCUAL, DVM <small>REGISTERED PROFESSIONAL ENGINEER</small>	FOUNDATION	



<p>1 FLOOR PLAN (OVERHEAD TANK) SCALE: 1:200</p> <p>DEPARTMENT OF AGRICULTURE Bureau of Agricultural Extension Services</p>	<p>PROJECT TITLE: CONSTRUCTION OF BOAR STUDIO</p> <p>PREPARED BY: AR. JESSE L. MORALES</p>	<p>DESIGNED BY: MARK HARRY G. PASTOR, ABE</p>	<p>REVISIONS / APPROVALS: MARK HARRY G. PASTOR, ABE</p>	<p>APPROVED BY: JERRY P. CALMADO</p>	<p>SHEET NO: S 13.0</p>
<p>2 ROOF BEAM PLAN (OVERHEAD TANK) SCALE: 1:200</p>					

CONSTRUCTION OF BOAR STUDIO

AR. JEROME L. L. MORALES

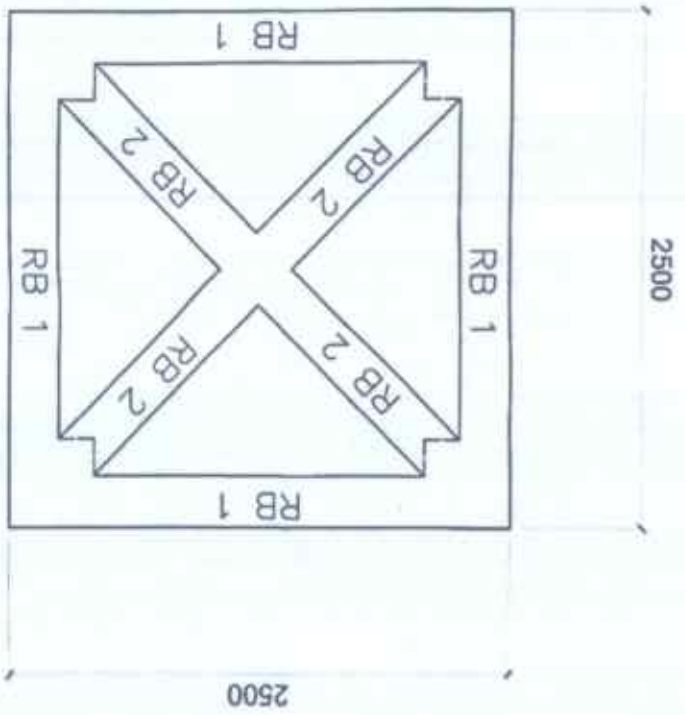
MARK HARRIS G. PASTOR, ARE

BENJAMIN T. TAYAC, ARE

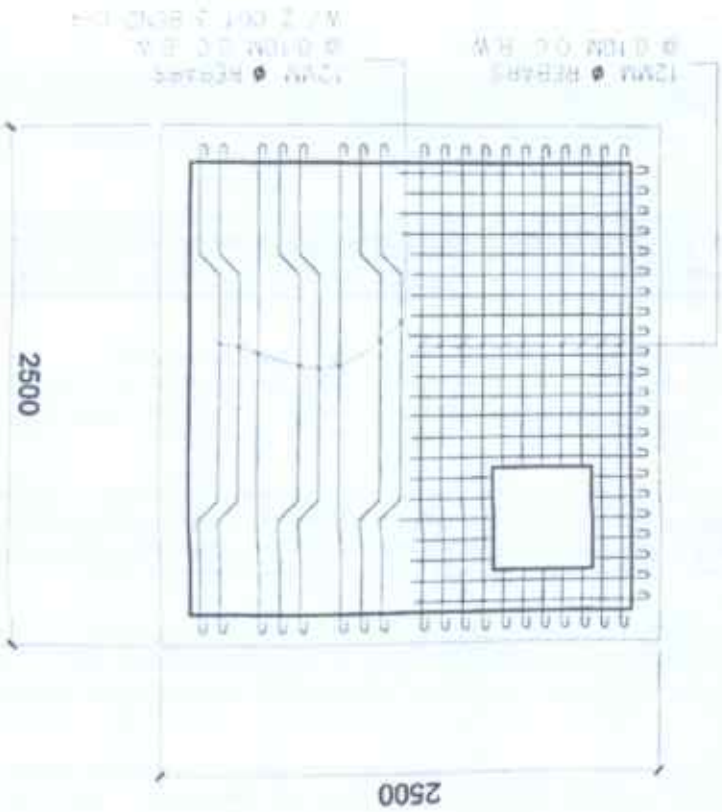
JOHN B. PASCALAN


 NO. 140
 S
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL ENGINEERING
 REGISTERED NO. 140

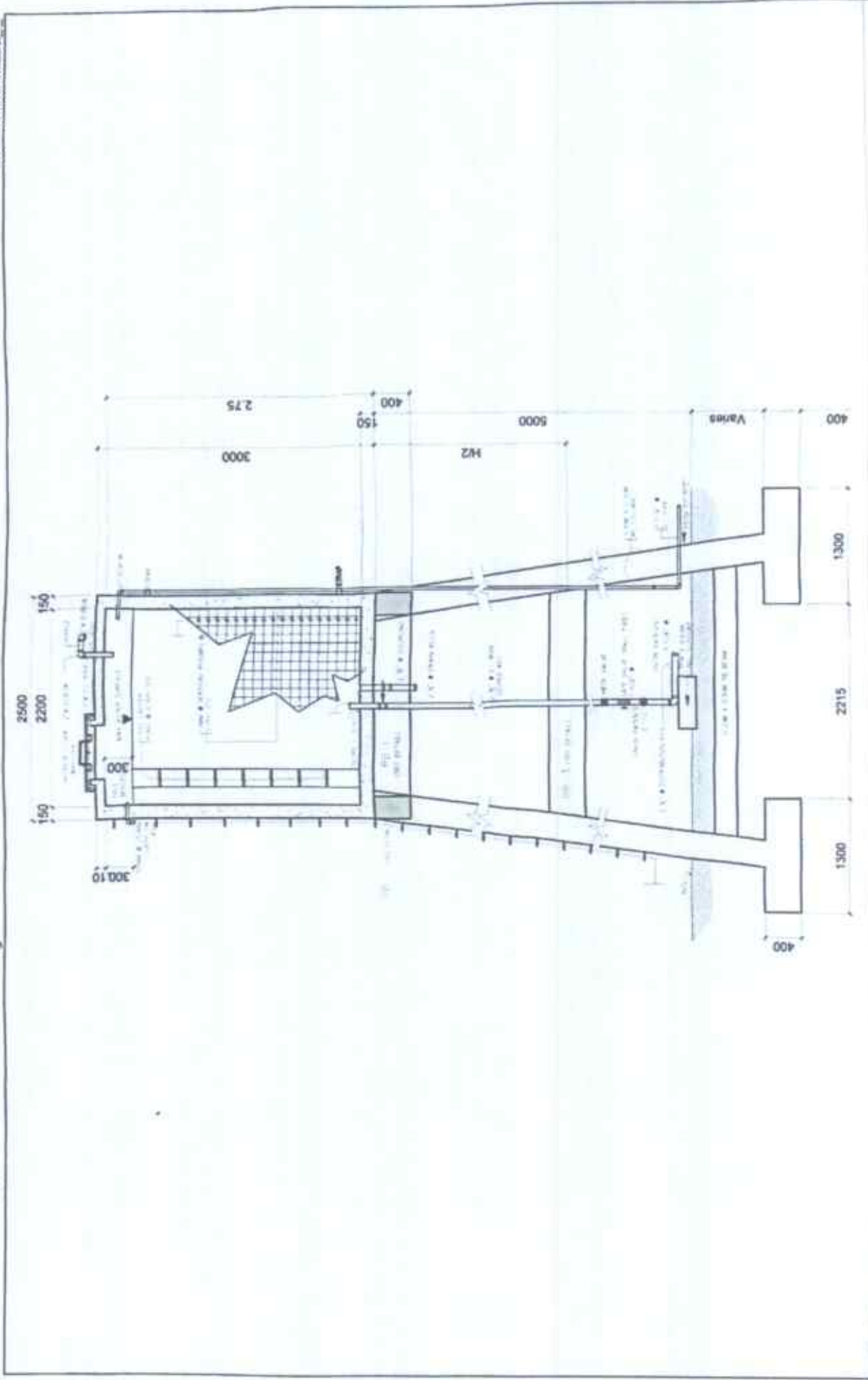
1 ROOF BEAM 2 PLAN (OVERHEAD TANK) SCALE 1/8" = 1'-0"



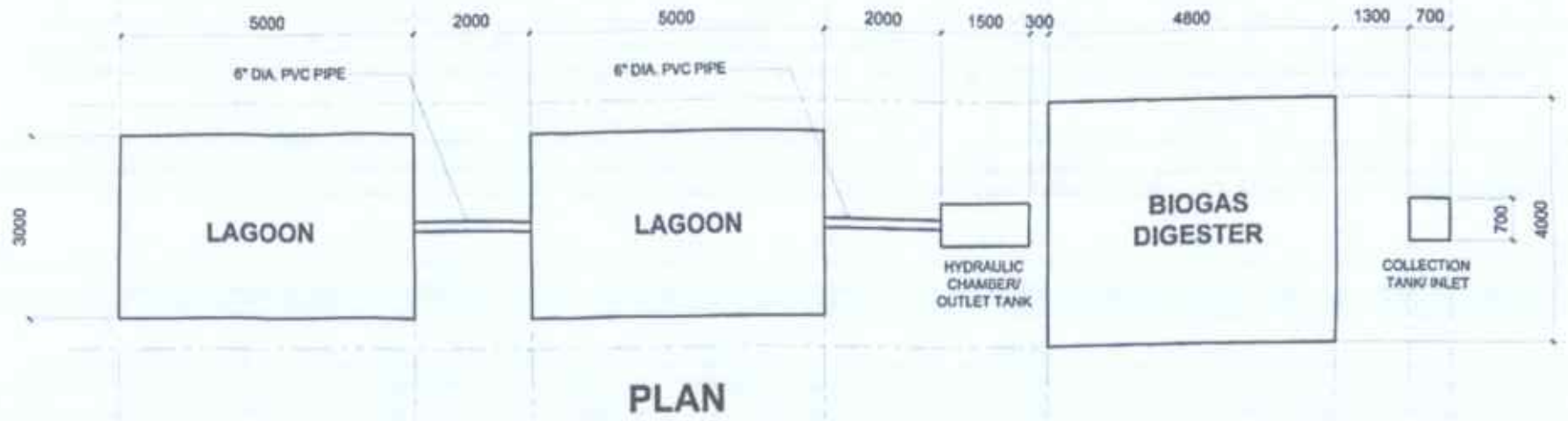
2 ROOF BEAM PLAN (OVERHEAD TANK) SCALE 1/8" = 1'-0"



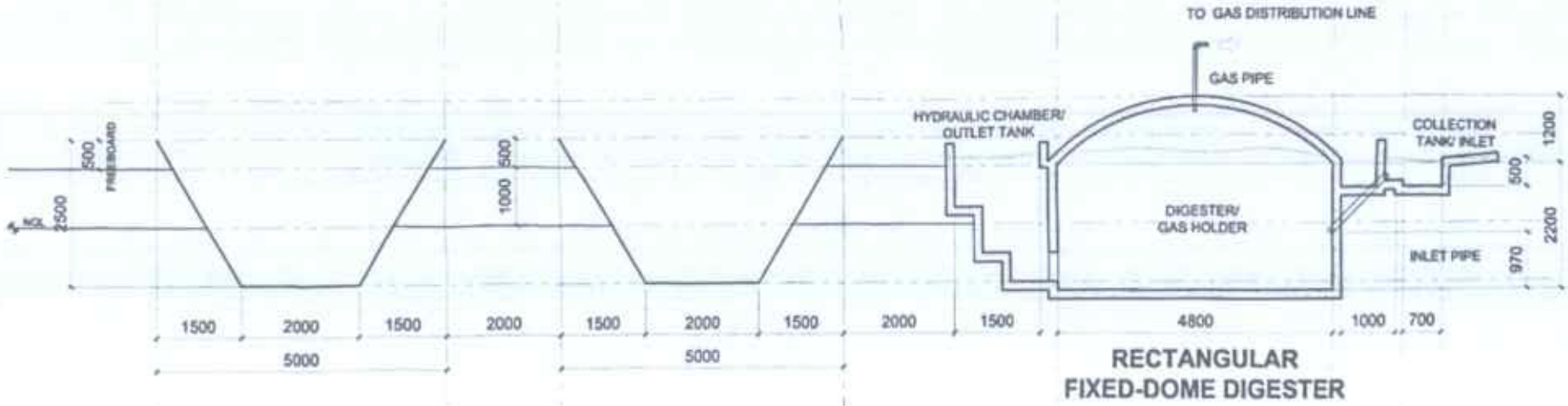
PLANS AND SPECIFICATIONS



<p>1 FLOOR PLAN SCALE: 1/8"=1'-0"</p> <p>PREPARED FOR THE OFFICE OF THE DEPARTMENT OF AGRICULTURE Horticulture and Forestry Division (Horticulture Administration, Extension and Support)</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p> <p>PROJECT NO. AR-117-2018-01</p>	<p>PREPARED BY AR. HIRSHMAN, P.E., MORALES</p>	<p>DESIGNED & REVIEWED BY MARK HARRIS, P.E., PASTOR, ABE</p>	<p>ESTIMATED COST REYNIS GARCIA, ABE</p>	<p>APPROVED BY RIVYNG PASCUAL, ABE</p>	<p>PROJECT NO. 000000</p>	<p>SHEET NO. S 15.0</p>
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PLAN

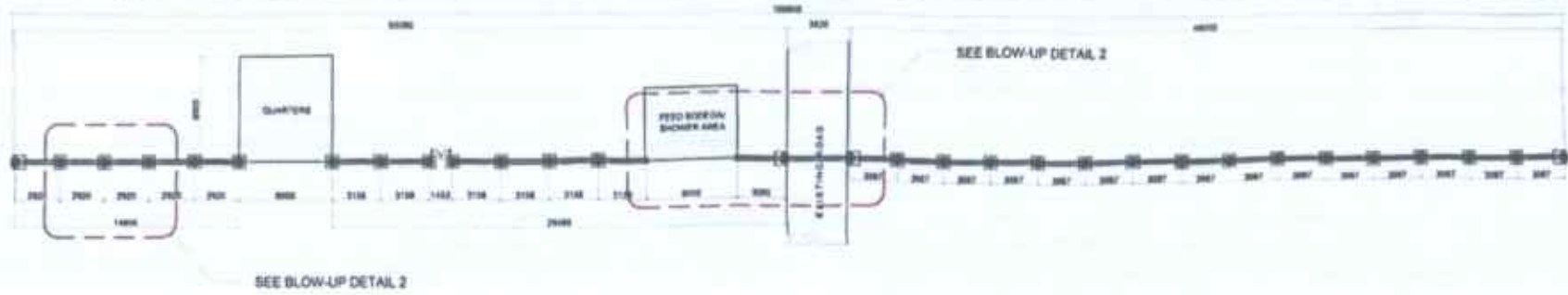


RECTANGULAR
FIXED-DOME DIGESTER

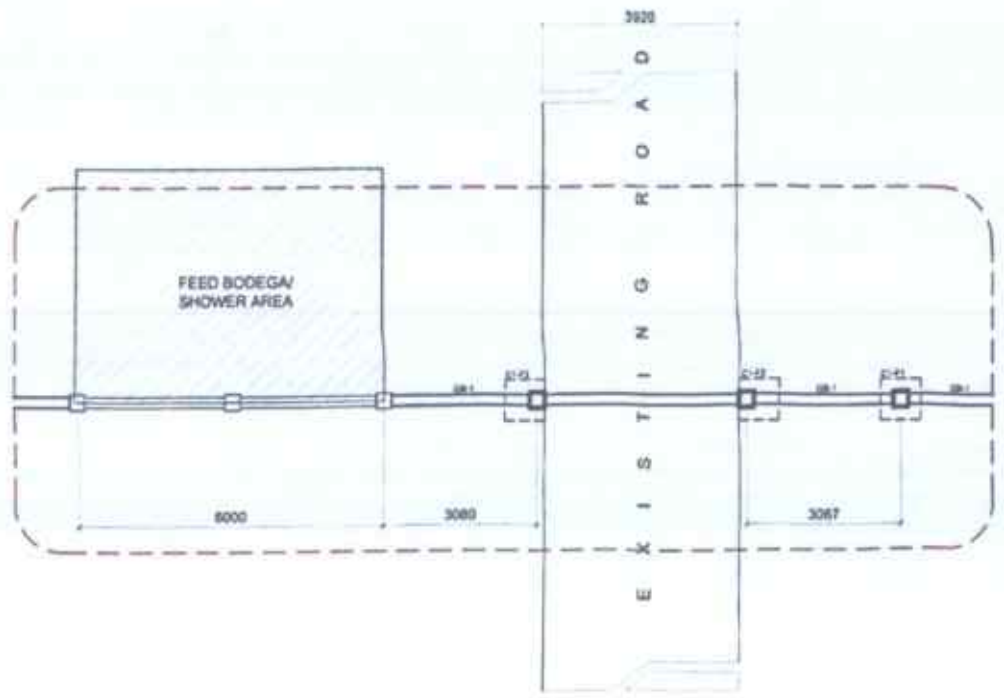
SECTION

1 BIOGAS DIGESTER/ LAGOON DETAILS
SCALE: 1/200 FT

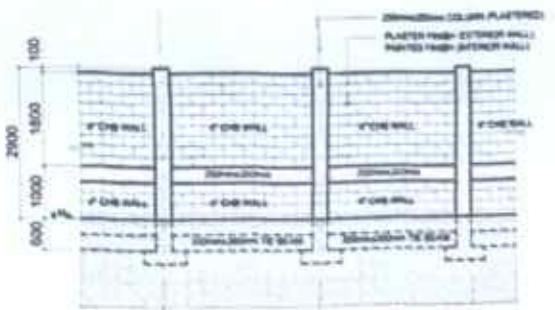
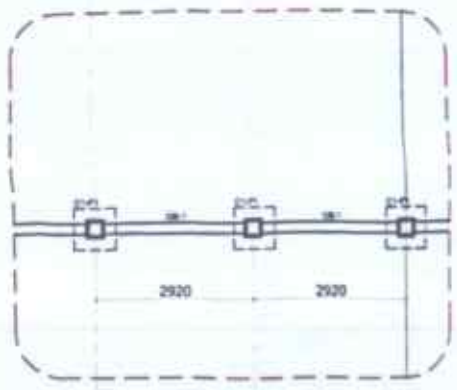
PROJECT FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVISIONED BY	DESIGNED/REVISIONED BY	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE NATIONAL AGRICULTURAL EXTENSION DIVISION</p>	CONSTRUCTION OF BOAR STUDIO	AR. HERRERA, L. MORALES	MARK HARRIS, G. PASTOR, ARE	DENIS L. TACTAC, ARE	<p>RUY B. PASCUAL, DVM DVM, Registered Veterinarian</p>	NO SIGNATURE	



1 FLOOR PLAN
SCALE 1/8"=1'-0"



1 BLOW-UP DETAIL 1
SCALE 1/8"=1'-0"

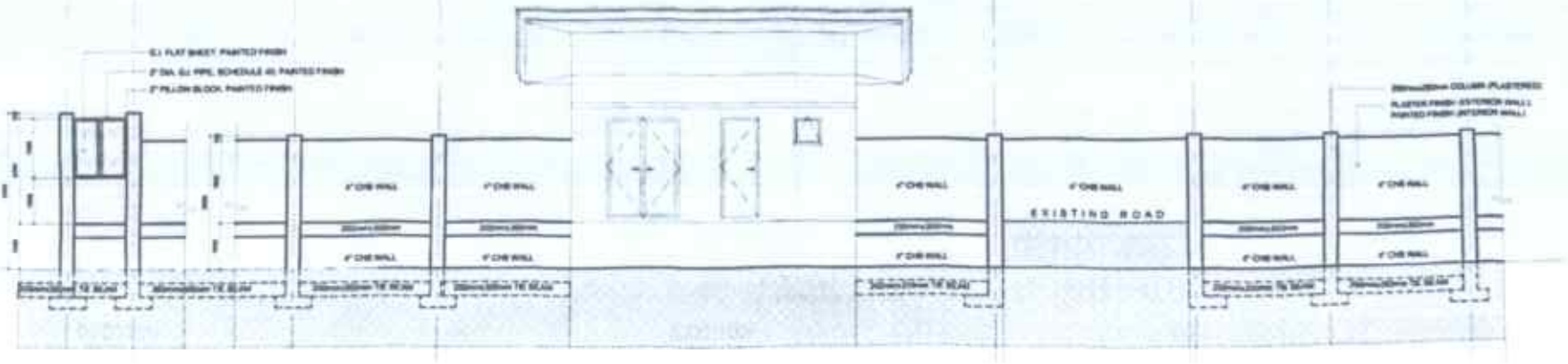


2 BLOW-UP DETAIL 2
SCALE 1/8"=1'-0"

PREPARED FROM THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVISED BY	RECOMMENDING AGENCY	APPROVED	MEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE HAWAIIAN ISLANDS OFFICE, 1 KAILUA-KONA, HAWAII 96740</p>	CONSTRUCTION OF BOAR STUDIO	 AR. HENRI LITTLE L. MORALES ARCHITECT	 MARK HARRY G. PASTOR, ABE REGISTERED ARCHITECT	 DENNIS L. TACTAC, ABE REGISTERED ARCHITECT	 JOHN B. PASCHKE, DVM VET. Regional Health Director	AS SHOWN	<p>S 17.0</p>

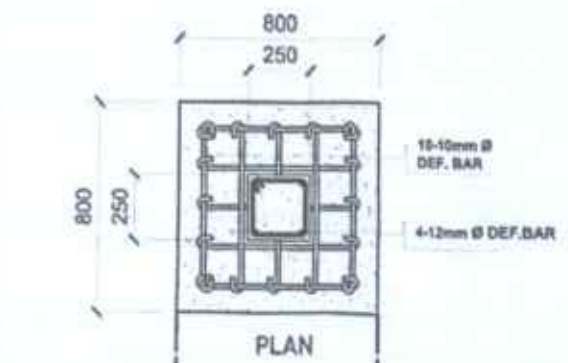


1 FLOOR PLAN
SCALE: 1/8"=1'-0"

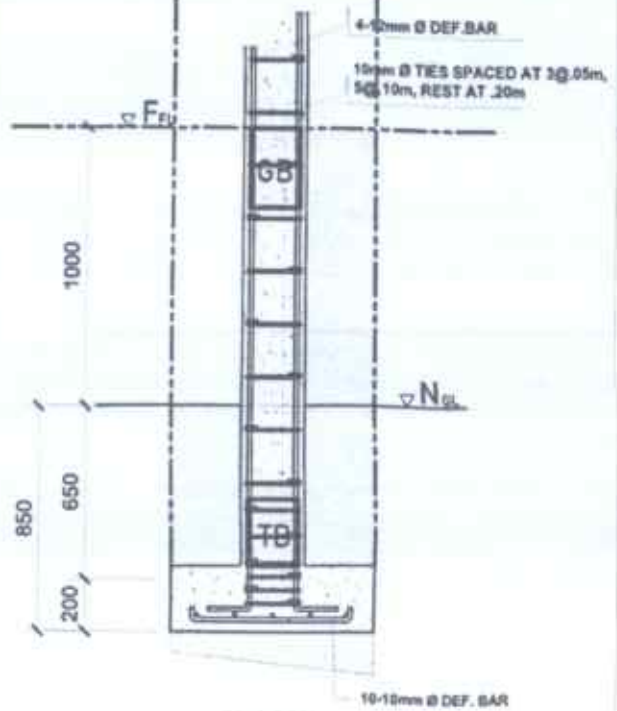


2 SECTION-ELEVATION
SCALE: 1/8"=1'-0"

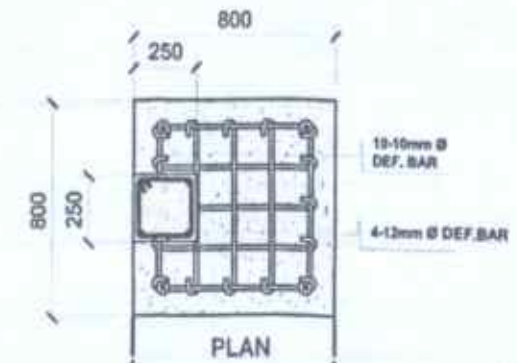
PREPARED BY	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
PREPARED FROM THE OFFICE OF THE DEPARTMENT OF AGRICULTURE DIVISION OF PLANNING AND DESIGN HARRIS, ARCHITECTURAL, ENGINEERING DESIGN	CONSTRUCTION OF BOAR STUDIO	AR. HENRIQUEZ, E. L. MORALES	MARK HARRY, A. PASTOR, ABE	DENIS L. TACTAC, ABE	JOHN R. PASCUAL, DVM	SEE SHEET	S 18.0



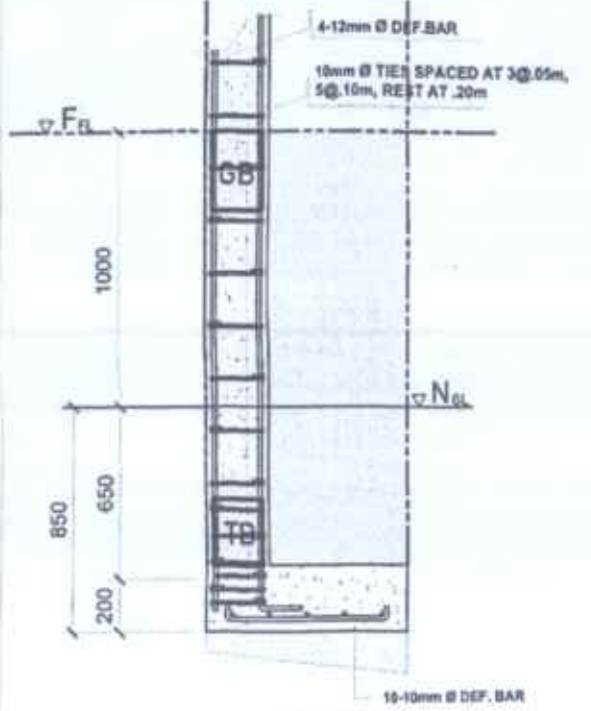
PLAN



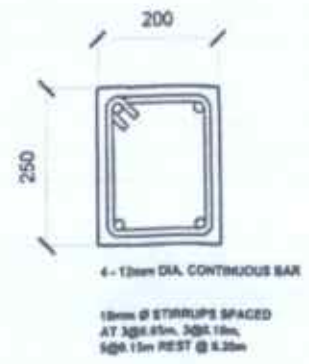
SECTION



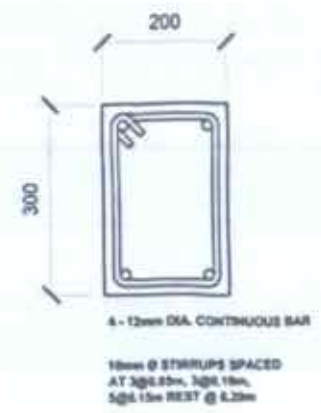
PLAN



SECTION



TB-01



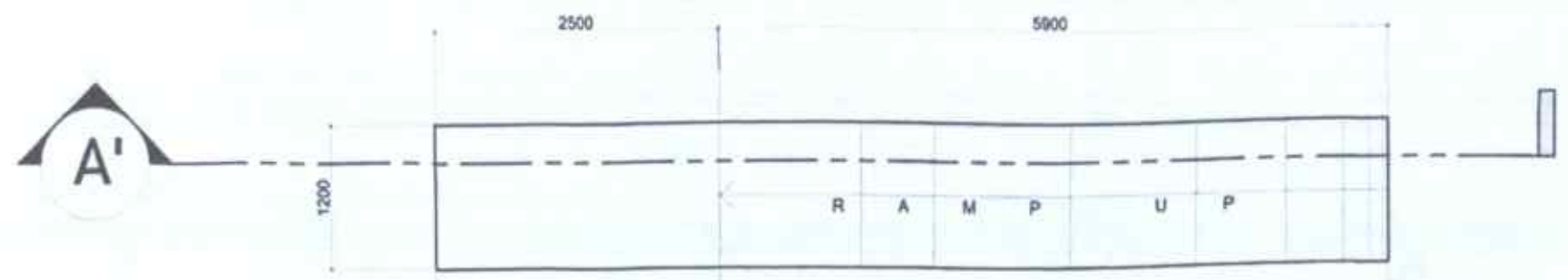
GB-01

1 C1-F1 DETAILS
SCALE 1/20MTS

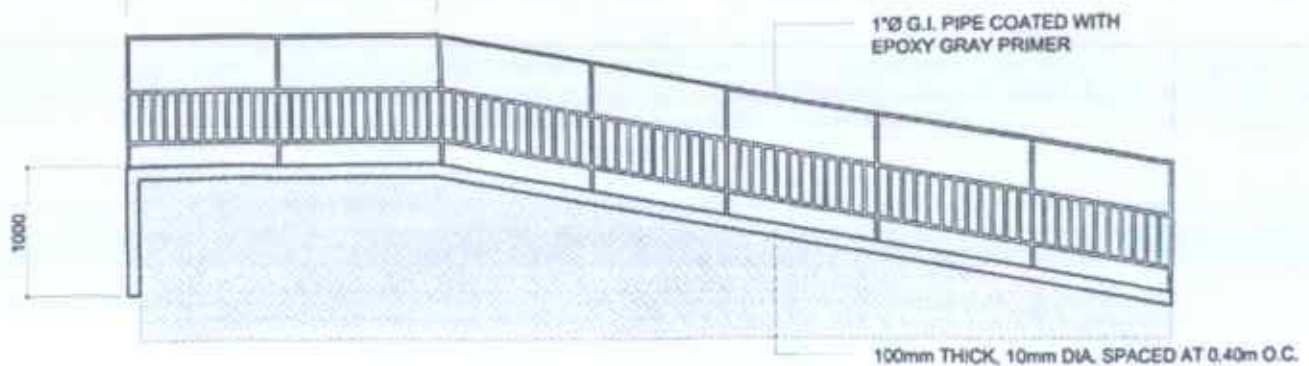
1 C1-F2 DETAILS
SCALE 1/20MTS

3 BEAM DETAILS
SCALE NTS

PREPARED BY	PROJECT TITLE	DESIGNED & REVIEWED BY	APPROVED	SHEET CONTENTS	SHEET NO.
DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 REGIONAL AGRICULTURAL EXTENSION DIVISION CAGAYAN VALLEY STATE COLLEGE CAGAYAN VALLEY STATE COLLEGE	CONSTRUCTION OF BOAR STUDIO	A.R. HEALD, E.L.L. MORALES MARK HARRY G. PASTOR, ABE DENNIS T. TACTAC, ABE JOHN B. PASCUAL, DVM	DENNIS T. TACTAC, ABE JOHN B. PASCUAL, DVM	ALL BEAMS	S 19.0



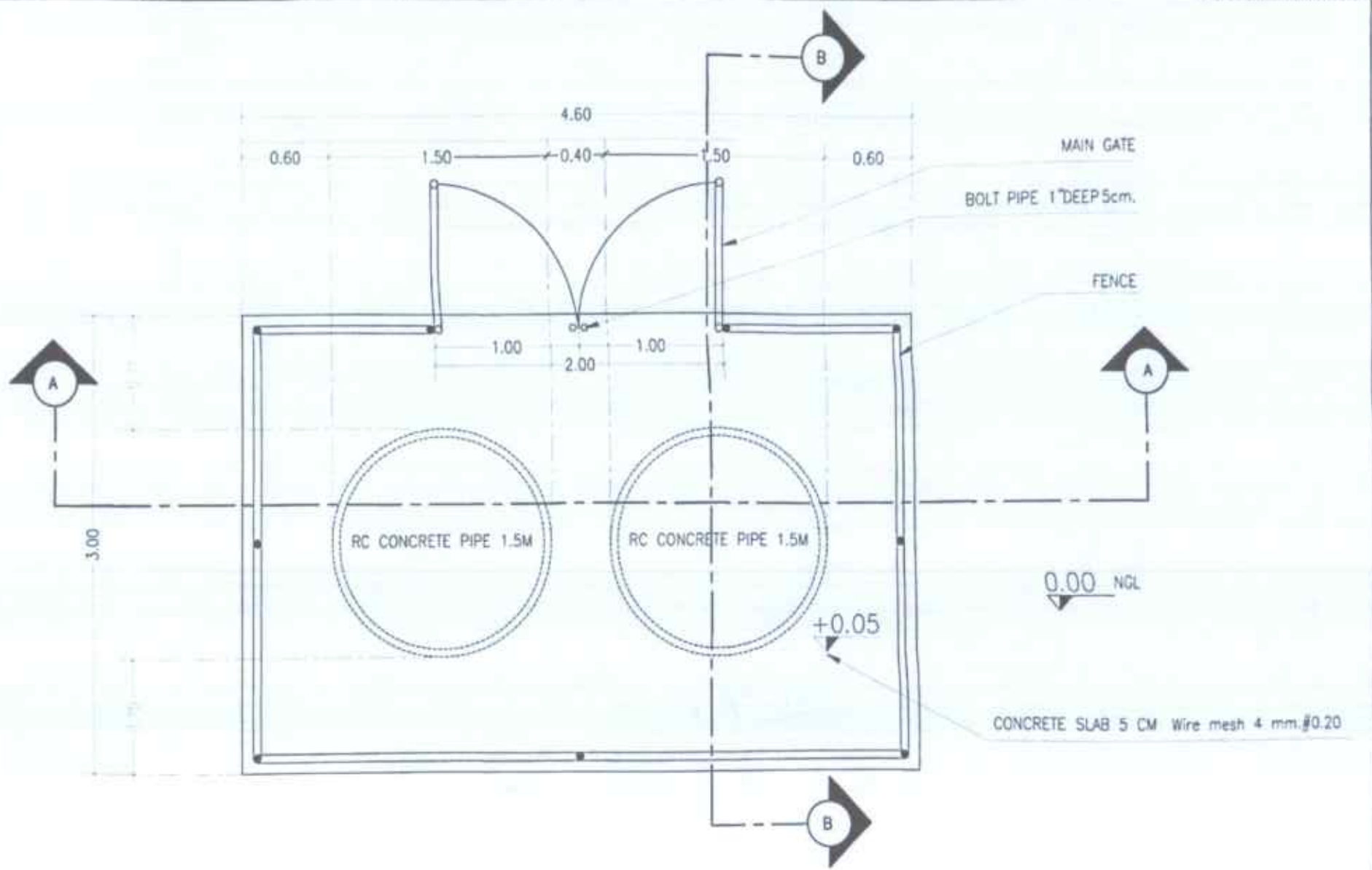
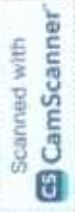
PLAN



SECTION THRU A'

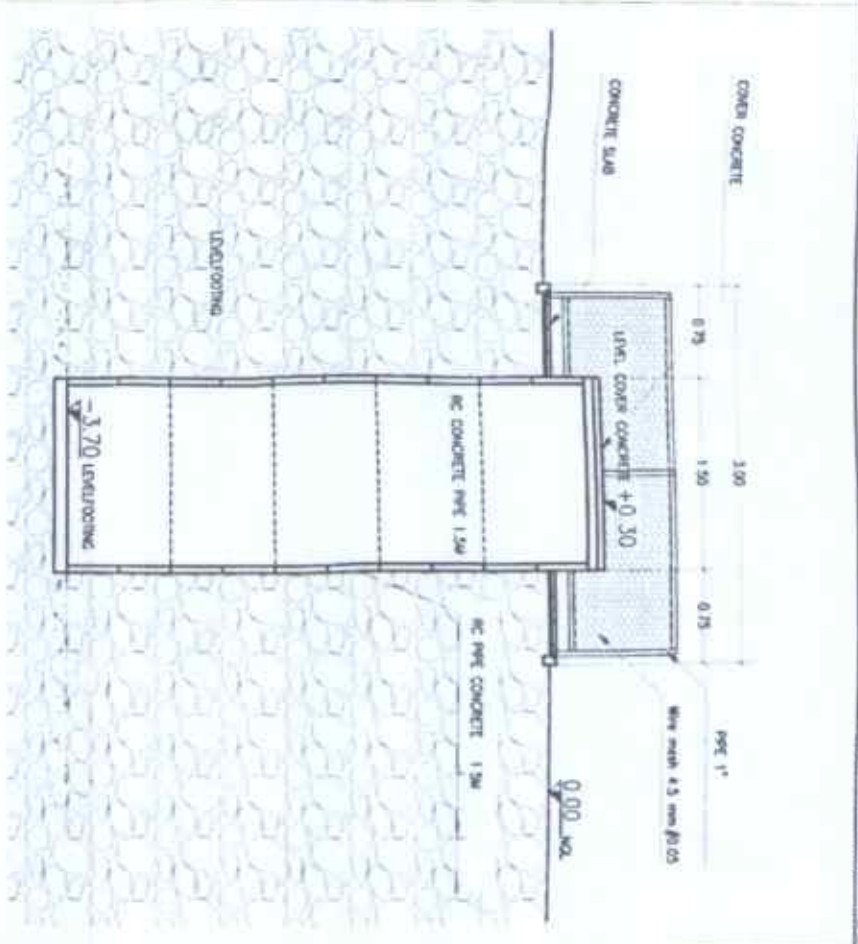
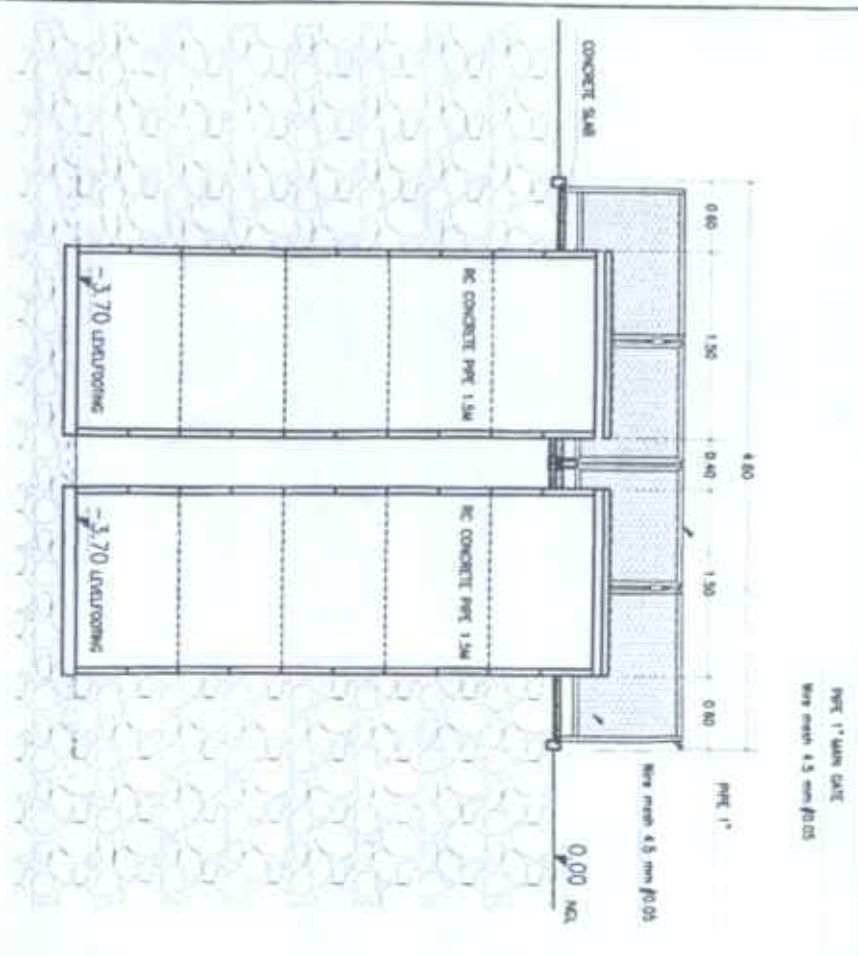
1 RAMP DETAILS

SCALE	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	DESIGNER/ENGINEER APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
1:200	CONSTRUCTION OF BOAR STUDIO	AR. HERNANDEZ, F. L. MORALES	MARK HARRIS, G. PASTOR, ARE.	DENNIS TACTAC, ARE.	JHON B. PASCUAL, DVM	11 SHEETS	S 20.0



1 FLOOR PLAN (DEAD PIG DISPOSAL)

PREPARED FOR THE OFFICE OF THE	PROJECT TITLE	PREPARED BY	DESIGNED & DRAWN BY	REVISIONS/DATE	APPROVED	SHEET CONTENTS	SHEET NO.
<p>DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 Bataan, Antipolo, Cavite Province</p>	CONSTRUCTION OF BOAR STUDIO	 AR. HERACLEO E. L. MORALES REGISTERED PROFESSIONAL ARCHITECT	 MARK HARRY G. PASTOR, ARE REGISTERED ARCHITECT	 DENNIS L. TACTAC, ARE REGISTERED ARCHITECT	 JOHN B. PASCUAL, DVM DVM, Registered Veterinary Surgeon	<p>14 SHEETS</p>	<p>S 21.0</p>



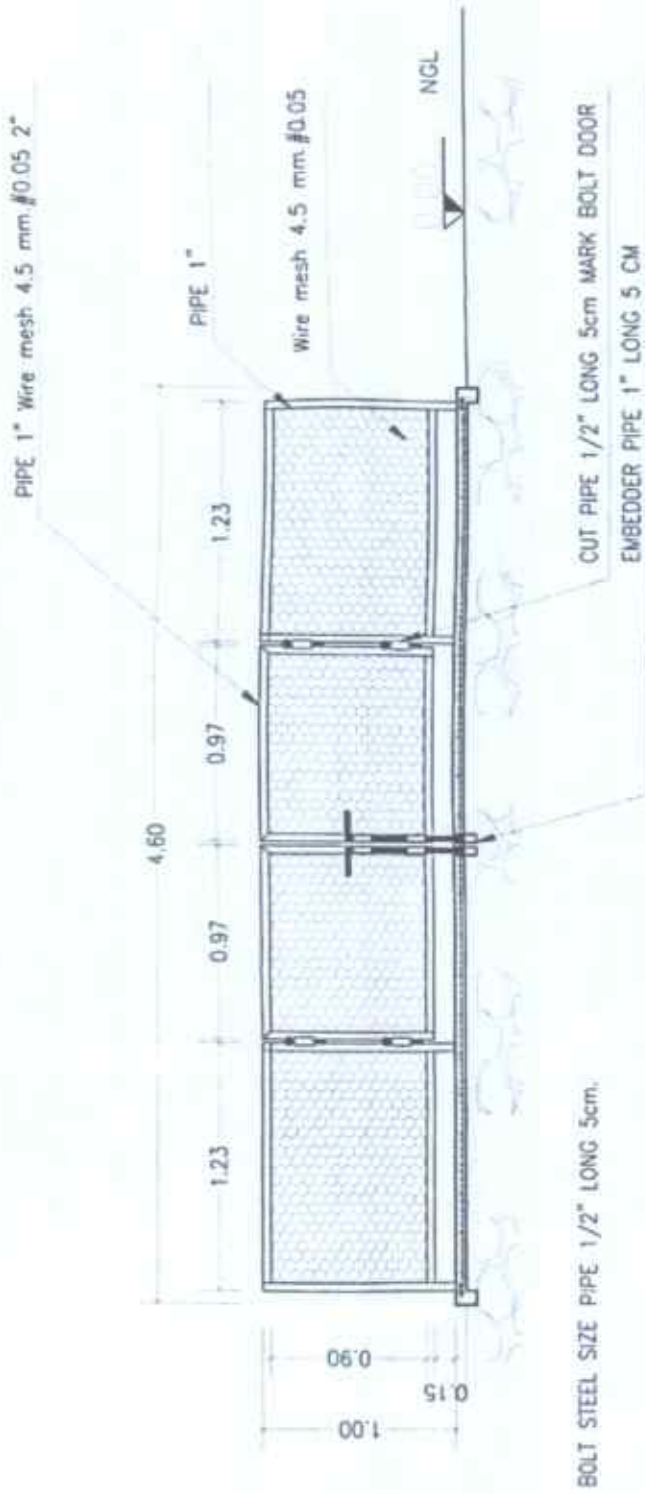
1 SECTION A
SCALE: 1/4" = 1'-0"

2 SECTION B
SCALE: 1/4" = 1'-0"



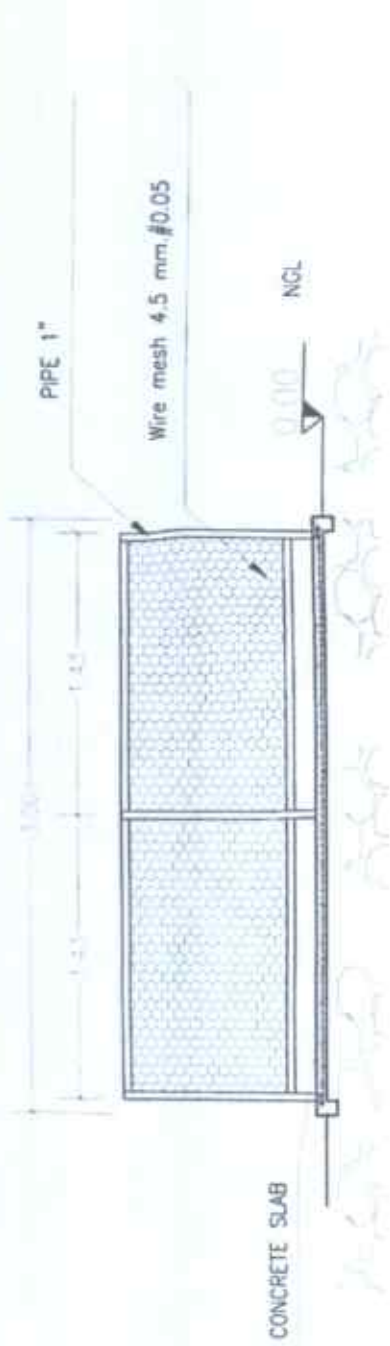
3 DEAD PIG DISPOSAL

<p>DEPARTMENT OF AGRICULTURE FISHERIES AND FORESTRY GOVERNMENT OF WESTERN AUSTRALIA</p>	<p>PROJECT TITLE: CONSTRUCTION OF ROAR STELHO</p>	<p>PREPARED BY: <i>AR. HERNANDEZ L. MORALES</i></p>	<p>CHECKED BY: <i>MARK HARVEY</i></p>	<p>APPROVED BY: <i>G. PASTOR, ABE</i></p>	<p>DATE: <i>2024-05-24</i></p>	<p>SHEET NO.: 5</p>
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BOLT STEEL SIZE PIPE 1/2" LONG 5cm.

1 ELEVATION A
SCALE: 1/2"=1'-0"



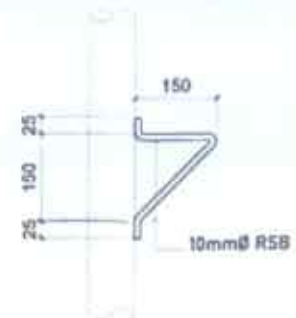
CONCRETE SLAB

2 ELEVATION B
SCALE: 1/2"=1'-0"

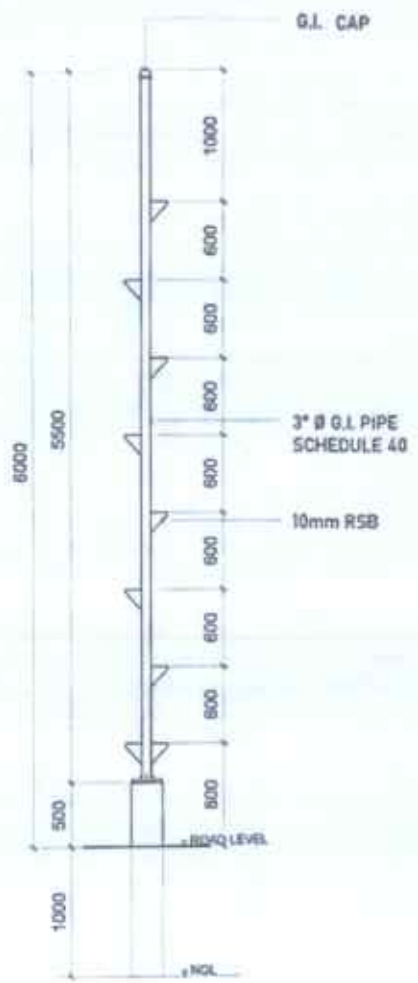
 <p>DEPARTMENT OF AGRICULTURE Division Office - Marikina City</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY AR. JESUS CRISTO L. MORALES P. No. 141141414</p>	<p>CHECKED BY MARK HANUEL L. PASTOR, A.P. P. No. 141141414</p>	<p>DESIGNED BY JESUS CRISTO L. MORALES P. No. 141141414</p>	<p>APPROVED JOYME PASCUAL, DVM P. No. 141141414</p>	<p>DATE 11/20/2023</p>	<p>PROJECT NO. S 23.0</p>
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1 LOCATION MAP
SCALE: NTS

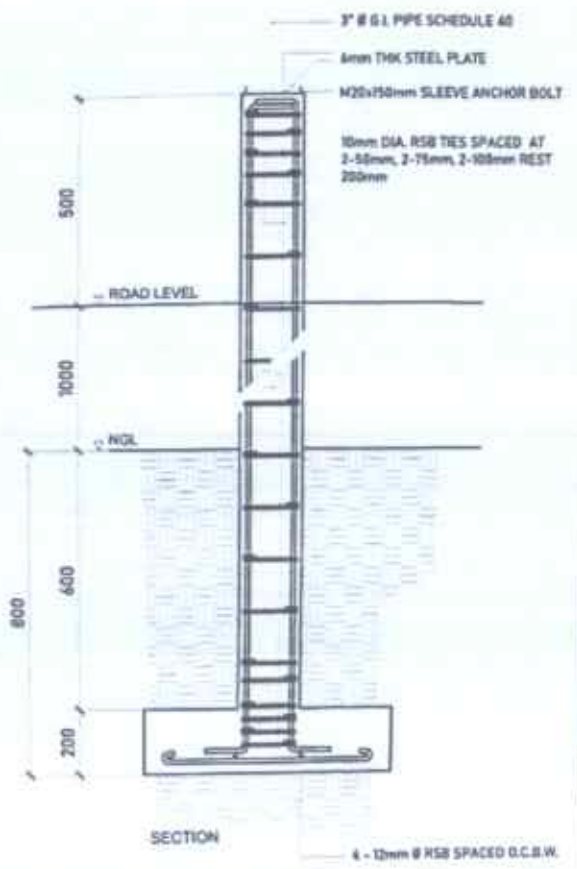
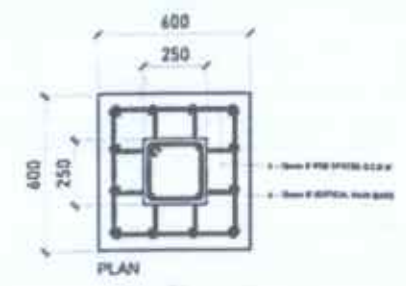


2 LADDER DETAILS
SCALE: NTS



3 POLE ELEVATION
SCALE: 1:4000

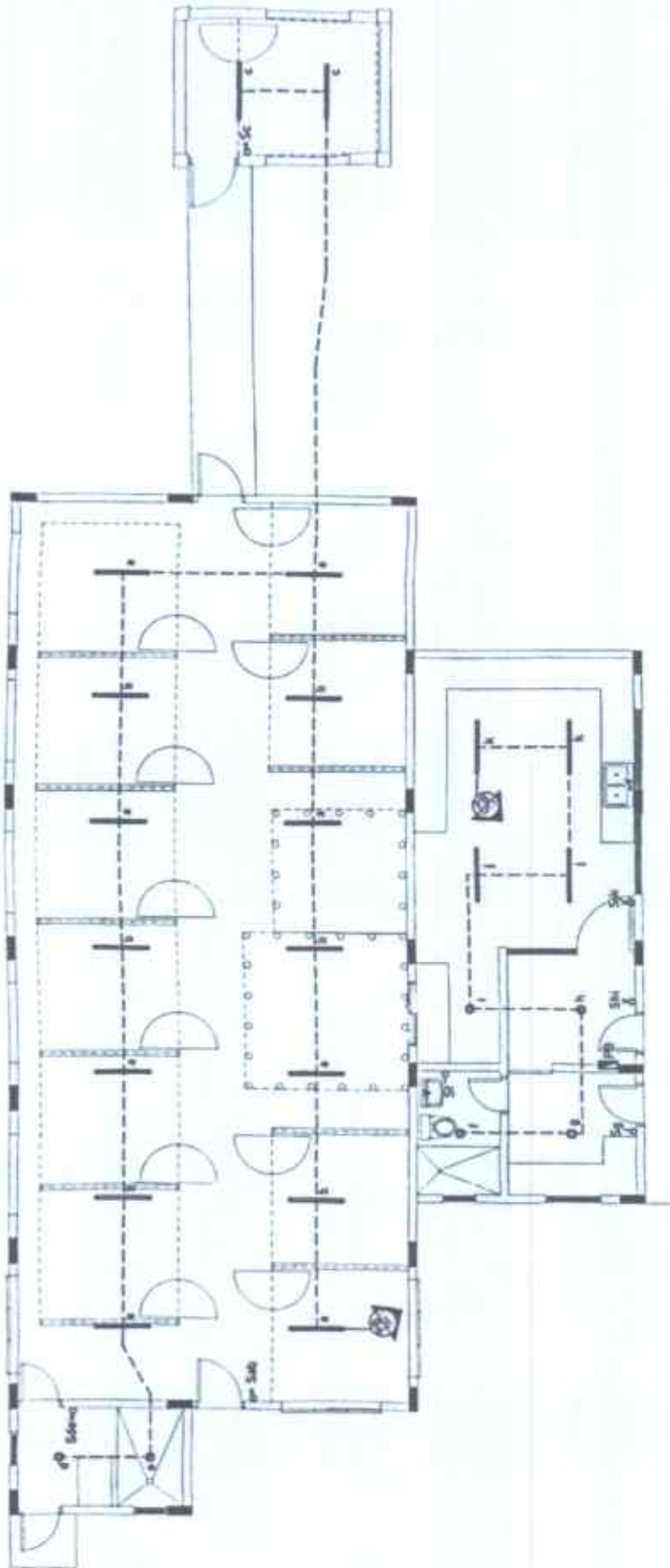
(4 SETS - 50 METERS DISTANCE)



4 COLUMN-FOOTING DETAILS
SCALE: 1:2000

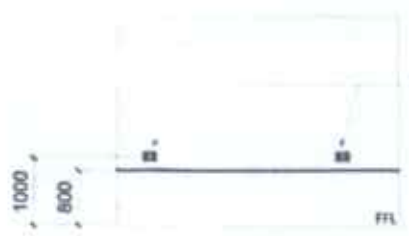
PREPARED FOR THE CLIENT OF THE	PROJECT TITLE	PREPARED BY	CHECKED & REVIEWED BY	ILLUSTRATED/APPROVED BY	APPROVED	DATE	DRAWING NO.
DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE Regional Agricultural Extension Division	CONSTRUCTION OF BOAR STUDIO	AR. HERNANDEZ L. MORALES	MARK HARDY G. PASTOR, ABE	DENNIS L. PACTAC, ABE	JOHN B. PASCUAL, DVM	11/20/2024	S 24.0

PLANNING AND DESIGN

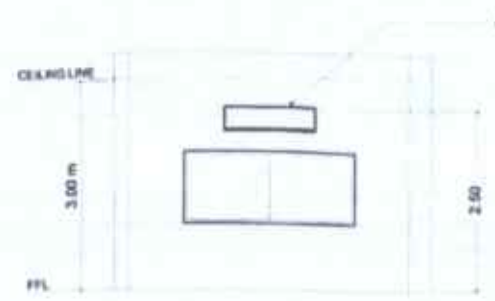


1 LIGHTING OUTLET LAYOUT (BOAR STUDIO)

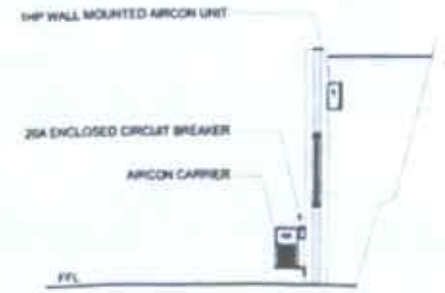
<p>PREPARED FROM THE OFFICE OF THE DEPARTMENT OF AGRICULTURE HONOLULU, HAWAII</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY AYELINOR B. CRENSHAW, JR. <small>REGISTERED PROFESSIONAL ENGINEER</small></p>	<p>CHECKED & REVIEWED BY MARK HARRISON PASTOR, ABE <small>REGISTERED PROFESSIONAL ARCHITECT</small></p>	<p>DESIGNED BY DEAN L. SACTAL, ABE <small>REGISTERED PROFESSIONAL ARCHITECT</small></p>	<p>APPROVED JOHN B. PASTORAL, DVM <small>REGISTERED VETERINARIAN</small></p>	<p>DATE 11-1-2019</p>	<p>SCALE </p>
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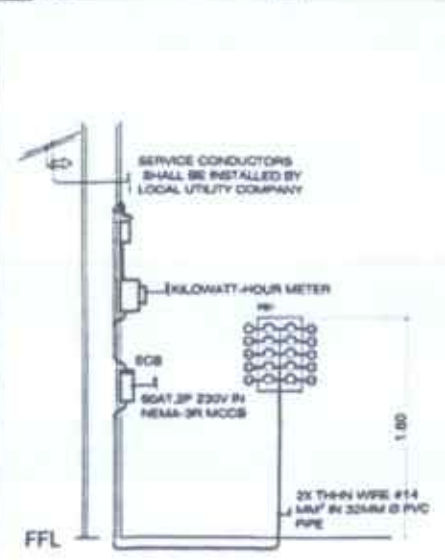
SPOT DETAIL 1



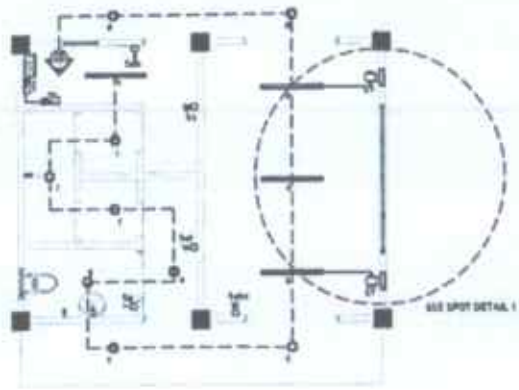
SPOT DETAIL 2



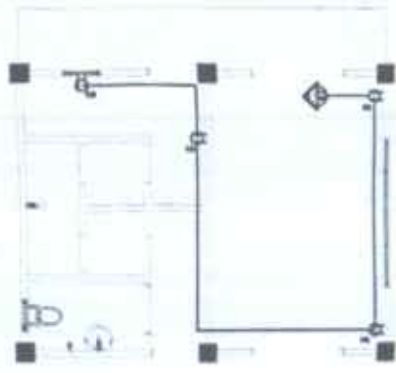
1 ELECTRICAL DETAILS



* THIS DRAWING IS A SCHEMATIC REPRESENTATION OF THE SYSTEM ONLY.



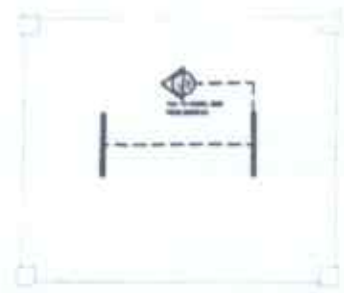
3 LIGHTING OUTLET LAYOUT (FEED BODEGA)



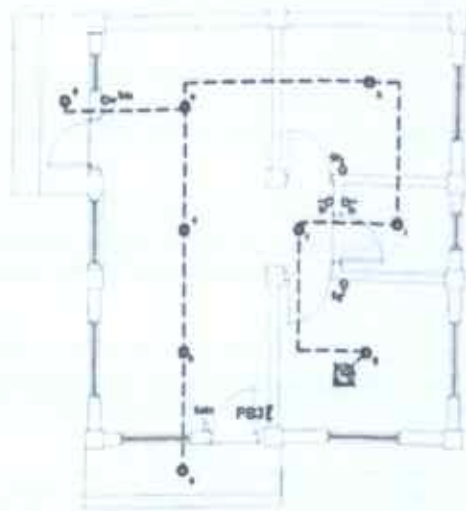
4 CONVENIENCE OUTLET LAYOUT (FEED BODEGA)

2 RISER DIAGRAM

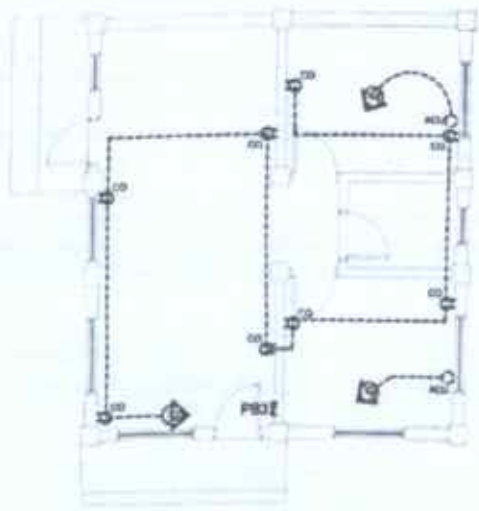
PREPARED BY	PROJECT TITLE	DESIGNED BY	CHECKED & REVIEWED BY	RECORDING/ISSUE APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF BOAR STUDIO	 ARNEL N. LINARES, JR. REGISTERED ELECTRICAL ENGINEER	 MARK HARRIS G. PASTOR, ARE REGISTERED ELECTRICAL ENGINEER	 DENNIS TACTAC, ARE REGISTERED ELECTRICAL ENGINEER	 JOHN B. PASCUAL, DVM REGISTERED VETERINARIAN	AS SHOWN	



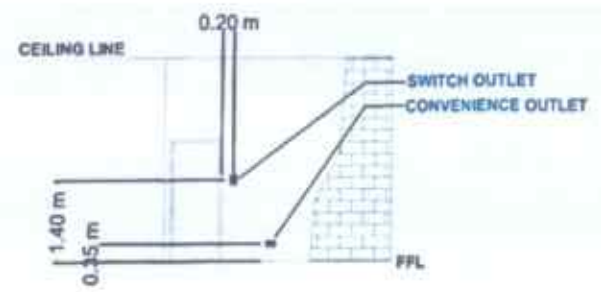
1 LIGHTING OUTLET (GENSET ROOM)
SCALE NTS



2 LIGHTING OUTLET (STAFF QUARTERS)
SCALE NTS



3 CONVENIENCE OUTLET LAYOUT (STAFF QUARTERS)
SCALE NTS



4 SWITCH AND C.O. ELEVATION
SCALE NTS

LEGEND: ELECTRICAL SYMBOLS

	CENTER LED MODERN LIGHT (ANY DESIGN)
	1 x 2 FT FLUORESCENT LIGHT
	ONE GANG SWITCH
	TWO GANG SWITCH
	THREE GANG SWITCH
	PANEL BOX
	AIRCON OUTLET
	POWER OUTLET (DOUBLE UNIVERSAL)
	CIRCUIT BREAKER - NO. INDICATED
	KILOWATT-HOUR METER
	SERVICE ENTRANCE

<p>DEPARTMENT OF AGRICULTURE GENERAL FIELD OFFICE NO. 1 Rizal Avenue, Manila</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY <i>Arnel M. Lim, Jr.</i> ARNEL M. LIM, JR. ELECTRICAL ENGINEER</p>	<p>CHECKED & REVISED BY <i>Mark Hardin, Pastor, ARE</i> MARK HARDIN, PASTOR, ARE ELECTRICAL ENGINEER</p>	<p>REGISTERING ENGINEER <i>Desmet, Tactac, ARE</i> DESMET, TACTAC, ARE ELECTRICAL ENGINEER</p>	<p>APPROVED <i>John B. Pascual, DVM</i> JOHN B. PASCUAL, DVM ARE Registered Electrical Engineer</p>	<p>SHEET CONTENTS 14 SHEETS</p>	<p>SHEET NO. E 4.0</p>
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APP SCHEDULE OF ELECTRICAL LOADS & COMPUTATIONS

Panel No.	Panel Description	Panel Type	Panel Area (sq. ft.)	Panel Voltage (V)	Panel Load (kVA)	Panel Demand Factor	Panel Demand (kVA)
Panel No. 1	BOAR STUDIO	Panel	100	120/208	1.0	0.7	0.7
Panel No. 2	FEED BODEGA	Panel	100	120/208	1.0	0.7	0.7
Panel No. 3	QUARTER	Panel	100	120/208	1.0	0.7	0.7
Panel No. 4	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 5	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 6	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 7	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 8	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 9	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 10	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7

BOAR STUDIO:

FEED BODEGA:

Panel No.	Panel Description	Panel Type	Panel Area (sq. ft.)	Panel Voltage (V)	Panel Load (kVA)	Panel Demand Factor	Panel Demand (kVA)
Panel No. 1	BOAR STUDIO	Panel	100	120/208	1.0	0.7	0.7
Panel No. 2	FEED BODEGA	Panel	100	120/208	1.0	0.7	0.7
Panel No. 3	QUARTER	Panel	100	120/208	1.0	0.7	0.7
Panel No. 4	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 5	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 6	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 7	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 8	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 9	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 10	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7

FEED BODEGA:

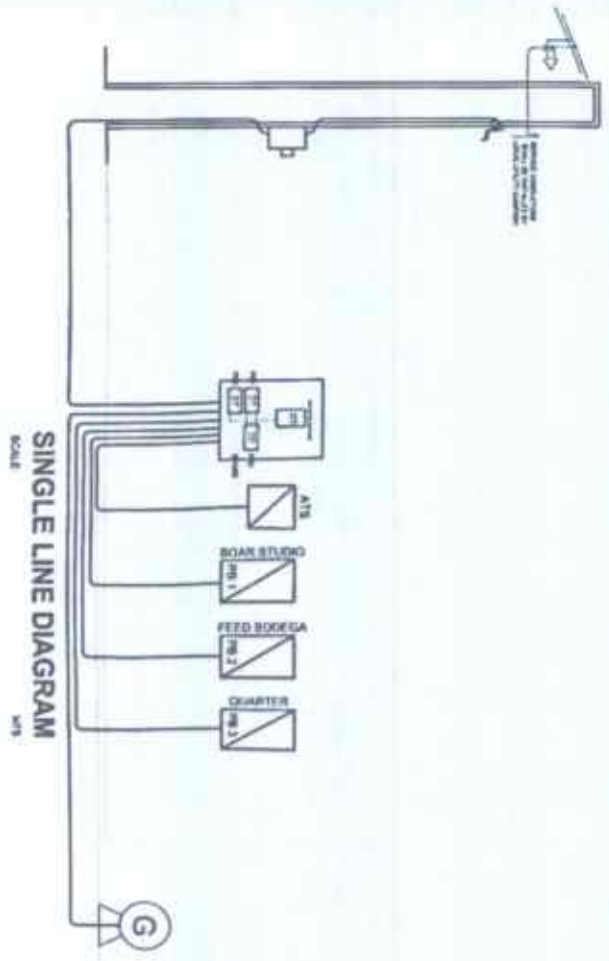
FEED BODEGA:

Panel No.	Panel Description	Panel Type	Panel Area (sq. ft.)	Panel Voltage (V)	Panel Load (kVA)	Panel Demand Factor	Panel Demand (kVA)
Panel No. 1	BOAR STUDIO	Panel	100	120/208	1.0	0.7	0.7
Panel No. 2	FEED BODEGA	Panel	100	120/208	1.0	0.7	0.7
Panel No. 3	QUARTER	Panel	100	120/208	1.0	0.7	0.7
Panel No. 4	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 5	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 6	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 7	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 8	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 9	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 10	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7

STAFF QUARTERS:

APP SCHEDULE OF ELECTRICAL LOADS & COMPUTATIONS

Panel No.	Panel Description	Panel Type	Panel Area (sq. ft.)	Panel Voltage (V)	Panel Load (kVA)	Panel Demand Factor	Panel Demand (kVA)
Panel No. 1	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 2	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 3	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 4	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 5	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 6	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 7	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 8	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 9	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7
Panel No. 10	STAFF QUARTERS	Panel	100	120/208	1.0	0.7	0.7



STATEMENT OF ACCOUNTS

CONSTRUCTION OF BOAR STUDIO

PROJECT TITLE: CONSTRUCTION OF BOAR STUDIO

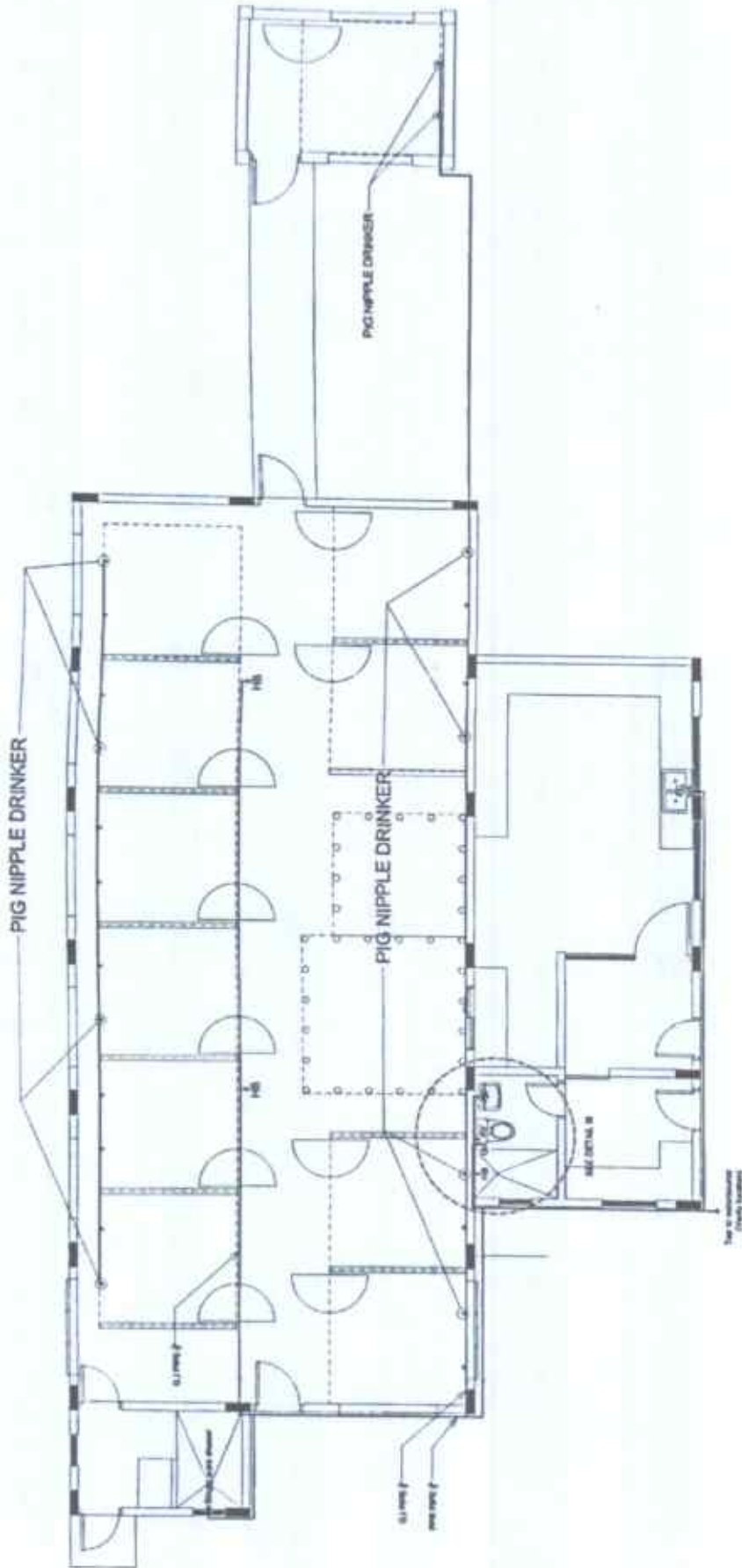
PREPARED BY: [Signature]

CHECKED/REVIEWED BY: MARK HARVEY, PASTOR, ABE

APPROVED: [Signature]

DATE: 10/10/2023

SCALE: 5/0



1 WATERLINE LAYOUT (BOAR STUDIO)

SCALE: 1" = 4'-0"

PREPARED FOR THE OFFICE OF THE
DEPARTMENT OF AGRICULTURE
 DIVISION OF ANIMAL INDUSTRY
 STATION, ANIMATORIA, SERRANOS, CALIFORNIA

CONSTRUCTION OF BOAR STUDIO
 PROJECT NO. 411, SERRANOS, CALIFORNIA

PREPARED BY
AYDIN B. LEBEL, JR.
 ANIMATOR

CHECKED & REVIEWED BY
MARK HARRY PASTOR, ABE
 ANIMATOR

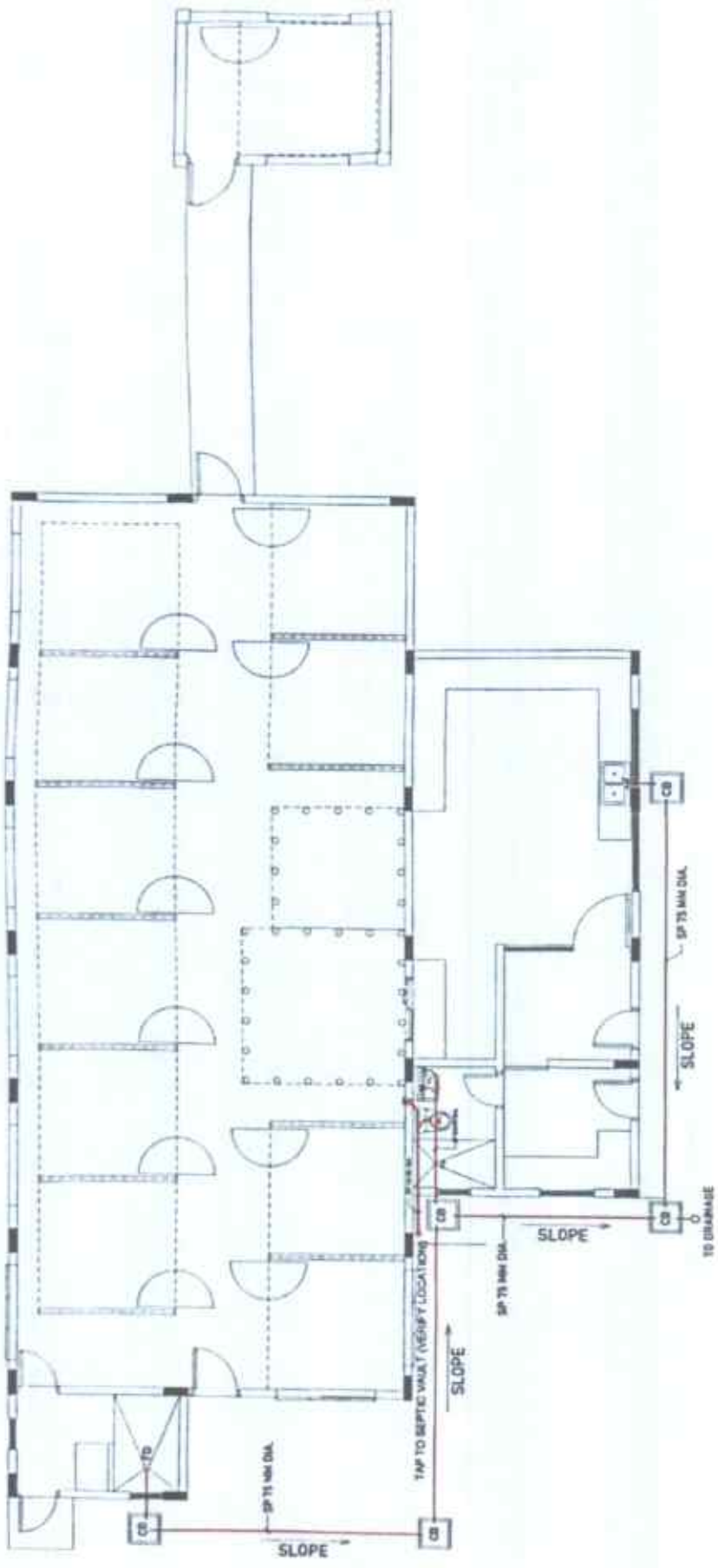
REVISIONS AND APPROVALS
DISNEY T. LEECH, ABE
 ANIMATOR

DESIGNED BY
JOHN B. PASTOR, DVM
 ANIMATOR

DATE OF DRAWING
 10-19-54

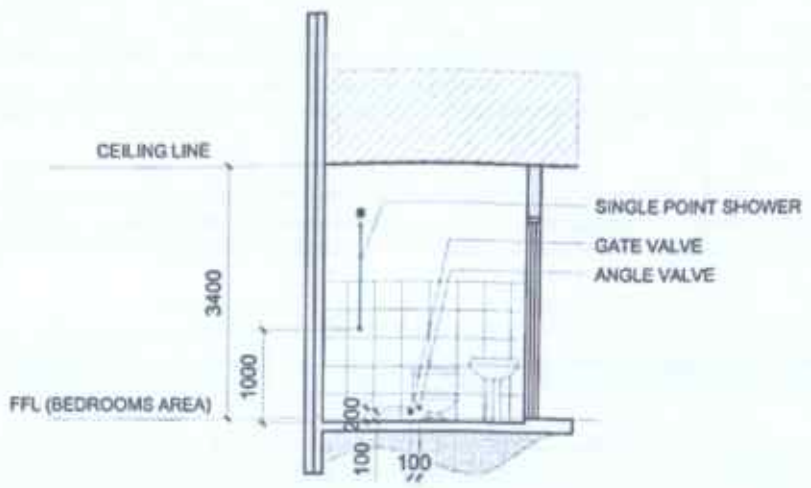
PROJECT NO.
P 1.0

PLANS AND SPECIFICATIONS FOR THE BOAR STUDIO

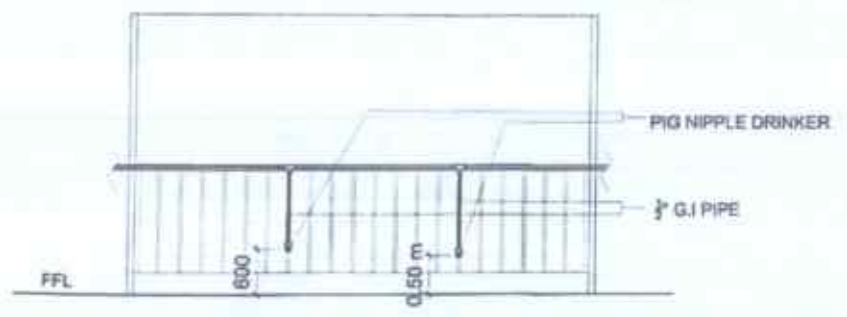


1 SANITARY LAYOUT (BOAR STUDIO)
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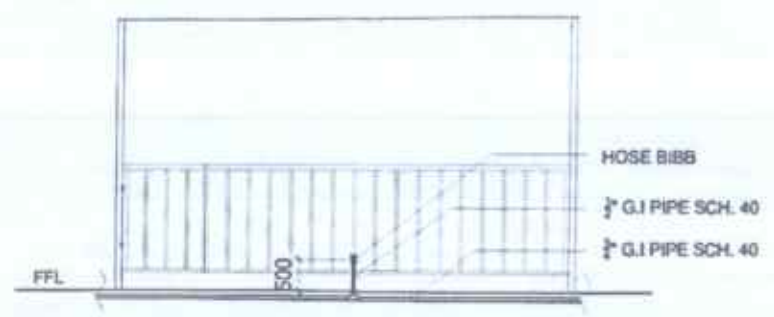
<p>DEPARTMENT OF AGRICULTURE BUREAU OF ANIMAL INDUSTRY BUREAU OF VETERINARY SERVICES</p>	<p>PROJECT TITLE: CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY: AYUSTINO B. VERIBO, JR. REGISTERED PROFESSIONAL ENGINEER</p>	<p>CHECKED BY: MARK HARRY PASTOR, ABE REGISTERED PROFESSIONAL ENGINEER</p>	<p>RECOMMENDED APPROVAL: DEAN C. T. OCHOA, ABE REGISTERED PROFESSIONAL ENGINEER</p>	<p>APPROVED: JOHN R. VASQUEZ, DVM REGISTERED VETERINARIAN</p>	<p>PROJECT NO.: 10-11-001</p>	<p>SHEET NO.: P 20</p>
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SPOT DETAIL III

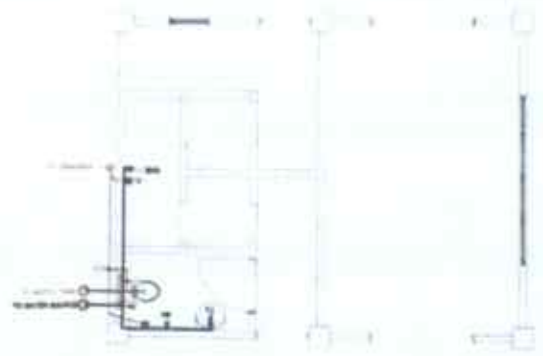


PIG NIPPLE DRINKER ELEVATION

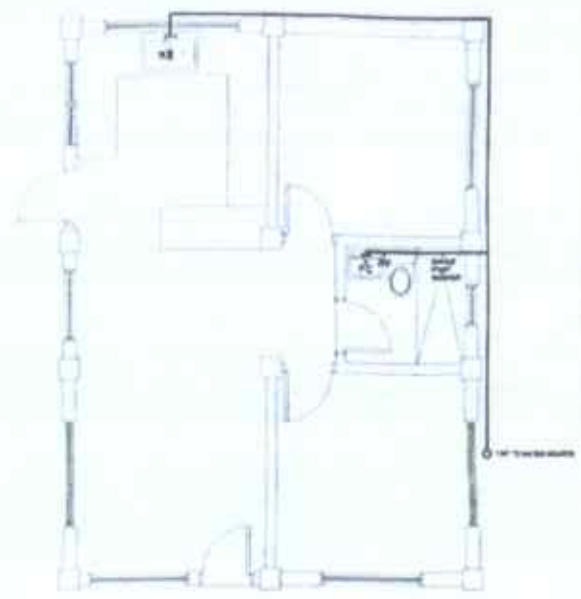


HOSE BIBB ELEVATION

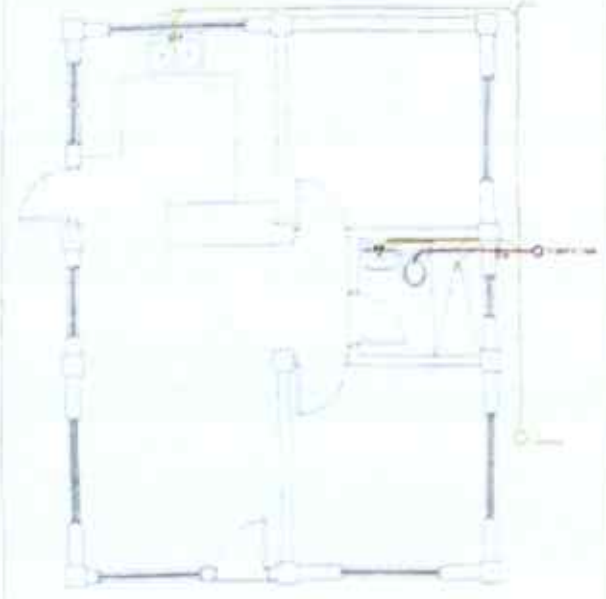
<p>1 SPOT DETAILS (BOAR STUDIO)</p> <p>SCALE</p>	<p>PREPARED FROM THE OFFICE OF THE</p>	<p>PROJECT TITLE</p>	<p>PREPARED BY</p>	<p>CHECKED & REVISIONS BY</p>	<p>RECOMMENDING OFFICIAL</p>	<p>APPROVED</p>	<p>SHEET COMMENTS</p>	<p>SHEET NO.</p>
	<p>DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 Economic, Agricultural, Extension Director</p>	<p>CONSTRUCTION OF BOAR STUDIO</p>	<p>AVILINDO H. CERRY, JR. REGISTERED PROFESSIONAL ENGINEER</p>	<p>MARK HARRY G. PASTOR, ARE REGISTERED PROFESSIONAL ENGINEER</p>	<p>DENNIS P. TACTAC, ARE REGISTERED PROFESSIONAL ENGINEER</p>	<p>JOHN B. PASCUAL, DVM (DR. Regional Veterinary Hospital)</p>	<p>REVISIONS</p>	<p>P 3.0</p>



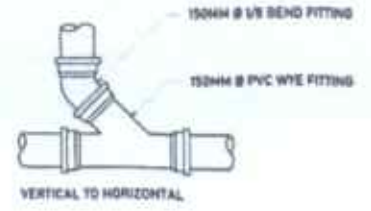
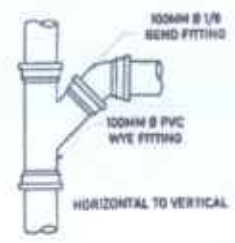
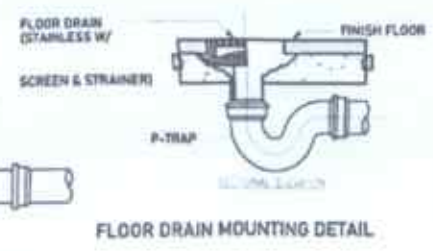
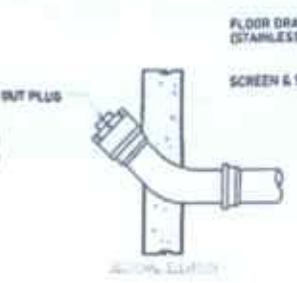
1 WATERLINE/ SANITARY LAYOUT (FEED BODEGA)
SCALE: 1/4"=1'-0"



2 WATERLINE LAYOUT (STAFF QUARTERS)
SCALE: 1/4"=1'-0"



3 SANITARY LAYOUT (STAFF QUARTERS)
SCALE: 1/4"=1'-0"

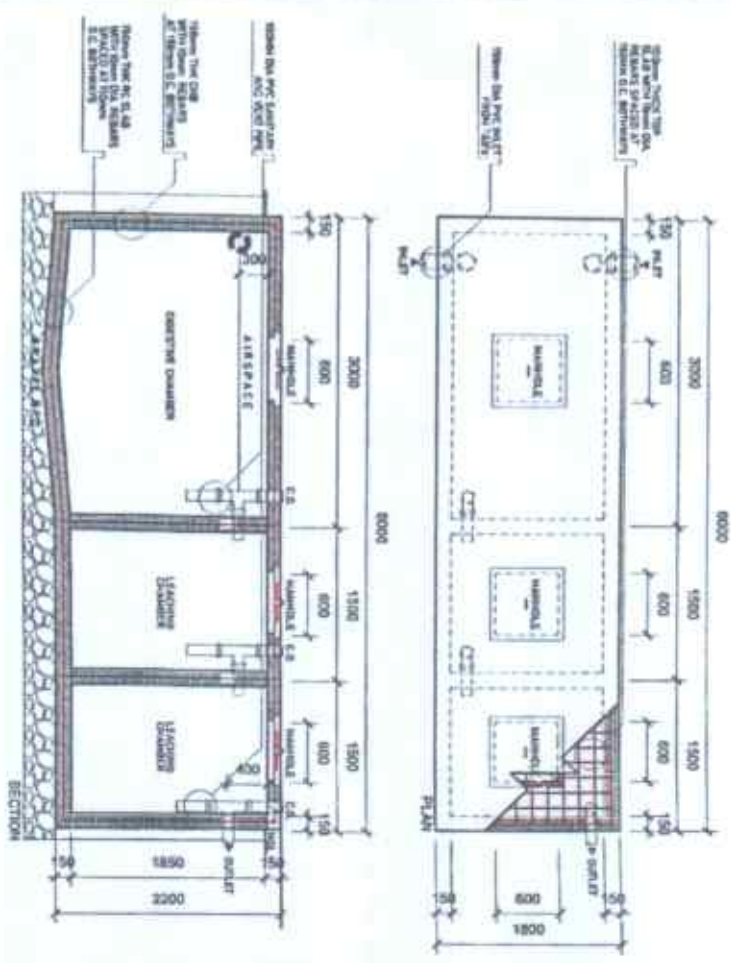


LEGEND: PLUMBING SYMBOLS

SP	SANITARY PIPE
GV	GATE VALVE
HS	HOSE BIBB
FC	FALCET
AV	ANGLE VALVE
WC	WATER CLOSET
CO	CLEAN OUT
VTR	VENT THROUGH ROOF

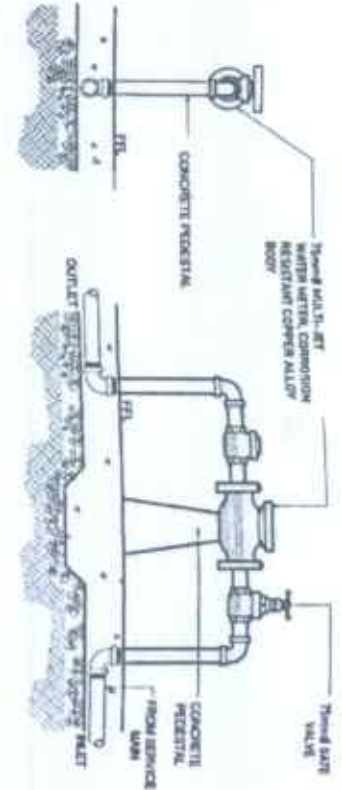
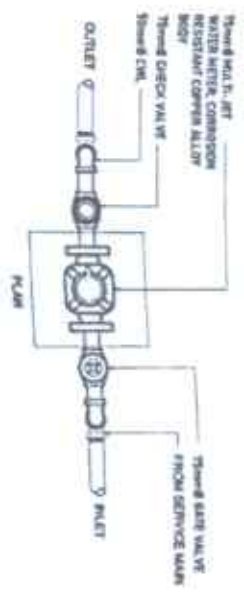
4 PLUMBING DETAILS
SCALE: NTS

<p>DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE NO. 1 BAGUIO, PANGASINAN, PHILIPPINES</p>	<p>PROJECT TITLE CONSTRUCTION OF BOAR STUDIO</p>	<p>PREPARED BY <i>[Signature]</i> YESENIO R. OCHOA JR.</p>	<p>CHECKED BY <i>[Signature]</i> MARK HARRY PASTOR, ABE</p>	<p>REVIEWING APPROVAL <i>[Signature]</i> DENNIS PASCAL, ABE</p>	<p>APPROVAL <i>[Signature]</i> JOHN B. PASCAL, DVM</p>	<p>SHEET CONTENTS LABOR</p>	<p>SHEET NO. P 4.0</p>
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1 SEPTIC TANK DETAILS
SCALE: 1:100

<p>DEPARTMENT OF AGRICULTURE BUREAU OF AGRICULTURAL EXTENSION SERVICES Regional Administrative Extension Division</p>	<p>PROJECT TITLE CONSTRUCTION OF HOAR STUDIO</p>	<p>PREPARED BY <i>John B. Pascual, Jr.</i> JOHN B. PASCUAL, JR. REGISTERED PROFESSIONAL ARCHITECT</p>	<p>DESIGNED & DRAWN BY <i>Mark Haryo G. Pastor, ABE</i> MARK HARYO G. PASTOR, ABE REGISTERED PROFESSIONAL ARCHITECT</p>	<p>SCALE: 1:100</p>	<p>DATE: 11/20/2023</p>
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2 GATE VALVE DETAILS
SCALE: 1:100

GENERAL NOTES:

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PLUMBING CODE OF THE PHILIPPINES, THE NATIONAL BUILDING CODE.
2. COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY BY ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATE ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OR OTHER TRADES SHALL BE WITH PRIOR APPROVAL BY ARCHITECT OR ENGINEER.
4. PROVIDE SAME ANY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL SEWER LINES SHALL MAINTAIN 2% MINIMUM UNLESS OTHERWISE SPECIFIED.
6. SIZE OF WATER SUPPLY PIPES TO FOUNTAINS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
7. THE CONNECTION SHALL VERIFY ALL EXISTING UTILITIES AT SITE AND COORDINATE THE WORKS WITH THE BOWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTION POINT.
8. ALL PIPES SIZES ARE IN MILLIMETER NOMINAL INSIDE DIAMETER AND ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
9. ALL FOUNTAINS FOR CML SHALL BE PROVIDED WITH AIR CHAMBERS & MUST BE INDIVIDUALLY VENTED, UNLESS OTHERWISE INDICATED.
10. ALL SEWER PIPES EMBEDDED ON GROUND AND BELOW CONCRETE SLAB SHALL BE PROVIDED WITH SAND BEDDING MATERIAL.



Republic of the Philippines
Department of Agriculture
Regional Field Office No.1
City of San Fernando, La Union

SPECIFICATIONS AND SCOPE OF WORK

PROJECT NAME: CONSTRUCTION OF BOAR STUDIO

LOCATION: DA-PREC, STA. BARBARA BREEDING STATION, STA. BARBARA, PANGASINAN

BRIEF DRESCRIPTION: Construction of Boar Studio Project at DA-PREC, Sta. Barbara Breeding Center consisting of Perimeter Fence, Headquarters, Boar Studio Building with Semen Extraction Facility, Water Tank, Generator Shed, Digester, Pig Disposal, Feed Bodega & Lagoon.

GENERAL NOTES

1. Verify all measurements and condition of the site as indicated on the approved site plan, building plans, structural plans, and other drawings prepared by the design engineer. The contractor to notify immediately the end user and engineer with any discrepancies between actual conditions and information shown in the drawing before proceeding with the work.
2. The structural drawings and specifications represent the general framework of the structure. They do not indicate methods of construction, unless so stated, the contractor/implementer shall provide all necessary measures to protect the structure, contractor/ implementer obligation to notify the Structural Engineer/Project Engineer of any conditions that may endanger the stability or cause distress in the structure during phases of construction.
3. Construction materials shall not be stored on poured slabs. It is the general contractor's/implementer's responsibility to ensure that sub-contractors are informed and do not violate this important requirement.
4. The contractor/implementer shall provide temporary erection bracings and shoring for all the structural members as required for stability during phases of work.
5. The contractor/implementer shall take all necessary steps of ensured proper alignment of each member of the structure, avoiding unnecessary eccentricities after the installation of all structural and finished materials.
6. The contractor is responsible to furnish all required materials, labors, equipment, and tools to perform all operations necessary to fabricate, all primary and secondary structural framing members, bolted connections, roof and wall coverings and other items as specified by the contract drawings, manufacturer's requirement and specifications.
7. The contractor shall not remove any excess (unused) construction material from the site without the end user's approval.
8. The contractor is responsible to keep a clean and safe construction area at the end of each work day.

I. GENERAL REQUIREMENTS (PROJECT BILLBOARD)

1.00 lot

- The contractor shall be responsible for securing all necessary permits related to the project, which shall include but not limited to CNC, building permits, occupancy permit, etc.).
- All related documents shall be submitted to the End User.
- The contractor is responsible to secure and obtain information from the regulatory agencies in municipality for all and any other required permits not listed below. A copy of the required permits shall be submitted to the end user within 24 hours of obtaining such permits.
- Electrical permit and plans (if required by Building Official), is the contractor's responsibility.
- Health department approval and septic connections, contractor's responsibility. Contractor is required to check with the department to obtain information on the required plans and permits, if any.
- The new billboard design layout and dimension shall be install on a standard billboard, measuring 1200mm x 2440mm (4' x 8') using 12mm (1/2 inch) thick marine plywood or tarpaulin posted on 5mm (3/16 inch) marine plywood.
- For each building project, the billboard shall be installed in front of the project site.

II. SAFETY AND HEALTH

1.00 lot

Construction workers must be oriented, instructed and trained by the construction project manager to assure safe handling of equipment and of disposing waste. All employees must have protective equipment for the eyes, face, feet and all crucial body parts when exposed to hazardous work procedures. A safety officer is required onsite for every ten units of heavy equipment to ensure proper handling.

Emergency health personnel and facilities are expected depending on the number of construction personnel.

III. MOBILIZATION & DEMOBILIZATION

1.00 lot

The Contractor shall provide all labor and equipment costs necessary to move personnel, equipment, supplies and incidentals to and from the Project Site, establish offices, buildings, and other facilities necessary for the Work, obtain bonds, required insurance and any other pre-construction expenses necessary to perform the Work. This section shall exclude the cost of construction materials.

IV. CONCRETE WORKS (CLASS A)

312.72 cu. m.

- Materials

Fine aggregates shall be clean, well graded, hard, natural sand or manufactured sand or a combination of both. The maximum size of the aggregates shall not be larger than one-fifth (1/5) of the narrowest dimension between forms and not larger than three-fourths (3/4) of the minimum clear spacing between reinforcing bars, and in no case larger than two inches in diameter. Coarse aggregates shall be hard, durable, uncoated gravel, crushed gravel, free from any deleterious materials like alkali, loam, silt and any organic matter.

Water used in making the concrete mass shall reasonably clean, potable, and free from injurious amount of oils, acids, alkali organic materials and other deleterious substances.

○ Mixing Concrete

No hand mixing shall be allowed except in cases of emergency such as mixer breakdown during pouring operations and shall stop at the first allowed construction joint. All concrete shall be machine-mixed for at least one and one-half minutes after all materials, including water, are in the mixing drum.

The mixer shall be of approved size and type which will ensure a uniform distribution of materials throughout the mass. It shall be equipped with a device for accurately measuring and controlling the amount of water in each batch.

The first batch of concrete materials placed in the mixer shall contain a sufficient excess of cement, sand and water to coat inside of the drum without reducing the cement content of the mix to be discharged.

● Specified Compressive Strength

Class	Psi	MPa
AA	4,000	27.57
A	3,000	20.68
B	2,500	17.23
C	2,000	13.78

- Class AA: For septic tanks and other work as indicated.
- Class A: For slabs, beams, and wall above grade, columns and for all reinforced work not otherwise indicated or specified.
- Class B: For slabs on grade, and the beams, footings and for such concrete work as indicated or specified. (Not indicated in the plan).
- Class C: For all concrete not reinforce except as otherwise indicated or specified. (Not indicated in the plan).

○ Conveying and Placing of Concrete

Concrete shall be conveyed from mixer to form as rapidly as practicable. There will be no vertical drop greater than 1.50 meters except where suitable equipment is provided to prevent segregation and where specifically authorized by the Architect and or the Structural Engineer or Project Engineer.

Concrete shall be worked readily into the corners and angles of the forms and around all reinforcements and embedded items without permitting materials to segregate. Concrete shall be deposited as close as possible to its final position so that flow within the mass does not exceed two meters and consequently segregation is reduced to a minimum near forms or embedded items, or elsewhere is directed, the discharge shall be so controlled that the concrete may be effectively connected into horizontal layers not exceeding 30 centimeters in depth within the maximum lateral movement specified.

In placing concrete through reinforcement, care shall be taken that no segregation of the coarse aggregate occurs. On the bottom of beams and slabs, where the congestion of steel near

the forms makes placing difficult, a layer of mortar of the same cement-sand ratios as used in concrete shall be first deposited to cover the surfaces.

- Curing

Compressive strength of concrete at 28 days curing period shall attain 3000 psi (20.7 MPa) with well graded aggregates having a maximum size of 2 inches (50mm).

- Formworks and Scaffoldings

Forms shall be used whenever necessary to confine the concrete during vibration and to shape it to the required lines. Forms shall have sufficient strength to withstand the pressure resulting from placement and vibration of the concrete and shall be maintained rigidly in position. The strength and rigidity of the forms shall be such that formed surfaces will conform to specification requirements relating to the surfaces irregularities and tolerances for concrete construction. Forms shall be tight to prevent loss of mortar from concrete.

V. REBAR WORKS

4903.50 kgs.

- All reinforcement shall be placed in accordance with plans furnished by the Engineer. In case of any doubt or ambiguity in placing of steel, the Contractor shall consult the Engineer whose decision shall be final in such cases.
- All reinforcing steel bars used shall be new and free from rust, oil, defects, grease or links. All loose rust or scale, adhering materials and all oil or either materials which tend to destroy bond between the concrete and the reinforcement shall be removed before placing the steel and before concreting begins.
- Metal reinforcement shall be accurately placed and adequately secured by concrete or metal chair spacers. The minimum distance between the parallel bars shall be one and one-half times the diameter for round bars and twice the side dimensions for square bars. In no case shall the clear distance between bars shall be less one or more than one and one-third times the minimum size of the coarse aggregates. Where bars are used in two or more layers, the bars in the upper layers at distance of not less than one inch.
- All steel reinforcing bars shall be accurately placed and secured against displacement by tying them together at each bar intersection with Gauge No. 16 galvanized iron wire.
- All main reinforcing steel used in the structure shall conform to ASTM Grade 40 (Intermediate Grade) with yield strength of 40 ksi (276 MPa).
- All temperature bars shall conform to ASTM Grade 30 Structural Grade with minimum yield strength of 30 ksi (207 MPa).
- Always apply red oxide for the exposed RSB to eliminate from rusting.

VI. MASONRY WORKS

520.39 sq. m.

1. The cells of the concrete hollow blocks to be laid shall be filled with 1:3 cement mortars (1 part Portland cement and three parts sand, by volume). They shall be reinforced with 10mm diameter horizontal deformed bars every three blocks and 10mm diameter vertical bars deformed bars at 400mm O.C. Unless specified on the elevation drawing, the cement plaster mixture for masonry walls shall be 1:3 (1-part cement, and 3 parts sand, by volume).

Minimum Compressive Strength of Concrete Hollow Blocks is as follows:

Class A	900 psi
Class B	750 psi

2. Held in place by horizontal and vertical reinforcing and interior surfaces of hollow blocks shall be thoroughly soaked with water before laying. Hold all units in storage for a period not less than 28 days (including curing period) and do not deliver prior to that time unless strength and other tests indicate compliance with these specifications.
3. Mortar aggregates shall be natural river sand, clean and free from soluble salts and organic matter, graded from fine to coarse, compatible with the thickness of joints in which used. Mix mortar from three to five minutes in such quantities as are needed for immediate use.
4. Lay units in common bond with uniform causing and jointing. All concrete block jointing shall be of uniform thickness. Butler vertical and horizontal jointing full with mortar. Bond course and corners and intersections and tie to abutting walls. Do not lay cracked, broken or deface blocks. Cut edges shall be clean and sharp. The first row of block shall be properly and thoroughly anchored to the concrete columns, walls of slabs. Course shall be laid straight and well plumbed.

VII. PLASTERING WORKS

1, 040.78 sq. m.

The Plastering of CHB wall should be 20mm thick using Portland Cement and sand. The mixture ratio should be (1:2) and must be smooth finish free from debris.

VIII. STEEL WORKS (Roofing)

1.00 lot

- The fabrication and erection shall be done to conform to AISC Specification and TOTAL Steel System Technical Manual Pre-Engineered Buildings. The Contractor generally has to make or provide shop drawings, which are to be used in actual construction. These shop or working drawings are to be approved by the Architect / Engineer before implementation. The approval of any shop or working drawings, shall not in any way deemed to release the Contractor from full responsibility for complete and accurate performance of the work in accordance with the Contract Drawings and Specifications; neither shall such approval release the Contractor from any liability placed upon him in the Contract.
- This specification shall only apply to members specifically designated on the design drawing as "architecturally exposed structural steel" which shall be fabricate and handled and erected as directed in this specifications, and except as noted in conformity with the American Institute of Steel Construction Specification for the design. Fabrication and erection of Structural Steel for Buildings. All fabrication tolerance of the code of the standard practice.
- Materials shall be the same as specified for Structural Steel by AISC Specification.

- Overall profile dimensions of built-up members shall be adequate to provide for the accumulated permissible overrun of the component parts.
- Fabrication shall be performed with special care and necessary straightening to maintain the condition of the material as described above.
- Shop details, shall show clearly the required fabrication tolerances. Erection plans and/or anchor bolt plans shall show the required tolerances for setting embedded items.
- All copes, miters and butt cuts in surfaces exposed to view shall be made with uniform gaps of 1/8" if shown by the Architect to be open joints, or in uniform contact if shown without gap.
- Where the fit-up of adjacent members is such that permissible tolerances specified in Sections 2b and 2c may result in unsightly joint, the Architect shall specify on the design plans tolerances required. This tolerances shall be maintained by special attention in detailing the joint, or if necessary by refined fabrication techniques.
- Faces of welds exposed to view shall have as welded surfaces that are reasonably smooth and uniform. No finishing or grinding shall be required except where clearances or fit of other items may so necessitate, or as specifically required by design drawings.
- Butt and plug welds exposed to view shall have as welded surfaces that are reasonably smooth and uniform and shall not project more 1/6" above the surfaces joined. No finishing or grinding shall be required except where clearances or fit of other items may so necessitate, or as specially required by design drawings.
- After inspection and approval and before leaving the shop, all steel works shall be cleaned by hand wire brushing, or by other means, erected by fabricator, or loose mill scale, loose rust, accessible weld slag or flux deposit, dirt and other foreign matter. Oil and grease deposits shall be removed by solvent.
- After cleaning all steel works shall be given one coat of shop paint applied thoroughly and evenly to dry surfaces, by brush, spray, roller coating, flow coating or dripping, at the selection of the fabricator.
- Surfaces within two inches of any field weld location shall be free of materials that would prevent proper welding or produce objectionable fumes while welding is being done. If shop painted surfaces to be welded shall be wire brushed in the field before welding to reduce the paint film to a minimum.
- The erection shall use special care in unloading, handling and erecting the steel to avoid bending, twisting or otherwise distorting the steel members. The erector shall handle the material in such a way as to minimize the damage to shop coat paint.
- The erector plans and executes the erection in such a way that the close fit and meets appearance of the joints and the structure as a whole will not be impaired.
- If temporary braces or erection clips re-employed, care shall be taken to avoid any unsightliness upon removal. Tack welds shall be ground smooth and holes shall be filled with weld metal or body solder and smoothed by grinding or filling.

IX. CEILING WORKS (INCLUDING EAVES)**1.00 lot**

Use 4in. x 8 in. x 4.5 mm thick fiber cement board with metal furring frame spaced at 600mm on center both ways. Provide carrying channel hanger spaced at every 1200mm. Use 0.60mm thick spandrel for the eaves.

X. TILE WORKS**1.00 lot**

1. The work shall not be started unless the rough-in for plumbing and electrical has been completed and tested.
2. Surfaces to receive the tile shall be clean, free of dust, dirt, oil, grease, and other deleterious substances, floor tile operation in spaces receiving a wall tile installation has been completed.

All tiles to be used are:

30cm x 30cm, Glazed Tiles

30cm x 30cm, Unglazed Tiles

30cm x 60cm, Glazed Tiles

30cm x 60cm, Unglazed Tiles

60cm x 60cm, Glazed Tiles

60cm x 60cm, Unglazed Tiles

30cm x 30cm, Vinyl Tiles

3. All tiles and moldings shall be set with tile adhesive. They shall be thoroughly soaked in water before they are laid in place. All joints between tiles and moldings shall be filled with tile grout and then carefully wiped. Verify color of tile grout before application. Verify color of ceramic tiles before application.

XI. PEN**1.00 lot**

The contractor shall provide Two (2) pcs of Dummy sow and provide 5" dia. G.I pipe Barrier .Provide 1" dia. G.I pipe as barrier and railings.

XII. TINSMITHRY WORKS (All Structures)**412.23 sq.m**

- All materials shall be installed in accordance with the plans or unless otherwise specified by the Engineer. Care shall be exercised in storing, handling, and to prevent any damage to roofing siding sheets. The sheets shall be of the length indicated of the plan, or greatest length suits the purlins. Extreme cares shall be exercised in drilling pilot holes for fastening centered in valleys or crowns as applicable. All metal shaving shall be swept from roofs in competition to prevent rusting and discoloration.
- The roof used is GA 26 pre-painted Rib-type GI sheet. All sheets to be supported at both ends, at the middle end laps to be properly secured.

- Ridge rolls and hip rolls to be used shall be compatible with the Rib-type roofing with a thickness of 0.5mm. They shall lap the roofing sheets at least 25 cm. The ridge roll and hip rolls shall be riveted to the roofing sheets, in addition to the rivets engaging the GI straps in securing the roofing sheets to the purlins.

XIII. PAINTING WORKS

1,040.78 sq.m

1. All painting works for this project, except as hereinafter specified, shall be done with the use of paint products.
2. The painting contractor shall supply all labor, paint materials, tools, staging and equipment necessary, and shall perform all painting and finishing work as shown in the schedule of painting and finishing work for this project. The painting contractor shall store his materials in one place in the building to be kept near and clean, care being taken in the storage of paints, oils, etc. to prevent danger of fire. Oil rags shall be kept in metal containers and shall be removed from the building every end of the working day. All paintings are to be done in good workmanship manner. No painting shall be done on all surfaces before neutralizing and proper sand papering is through. No painting on damp weather is to be done.
3. All concrete surfaces to be painted shall first be coated with concrete neutralizer. Exterior walls shall be finished with Solvent-Based Acrylic Paint, first coated with Penetrating sealer. Interior wall shall be finished with Latex Paint, first Painted with concrete sealer. Steel or iron surfaces must first be painted with anti-rust proofing. All color schemes for painting the building shall be decided by the Architect and end user, to be implemented upon completion of the construction. The Contractor shall submit color samples and finishes for approval by the Architect and End user before final application.
4. Cracks and holes shall be filled with putty compatible with the surface to be painted and the paint materials to be applied. All wooden door jambs and cabinet frames and shelves to come in contact with masonry surfaces must be painted with SOLIGNUM wood preservative.
5. Upon completion of the painting works, the painting Contractor shall remove any paint spots from all finished work. He shall present his work to the in charge of the Construction, free from blemishes and rubbish generated by his workers.
6. It shall be the painting Contractor's responsibility to protect his work and those of other Contractors during the time his work is underway. He shall be responsible for any damage to the work or property of others caused by his employees or by himself.
7. Before any painting is done, all surfaces shall be cleaned, smoothed and freed from dust, dirt, grease, mortar, rust and other foreign substances. All parts where paint remover has been used shall be washed off with paint or lacquer thinner. All paints shall be spread evenly and carefully.
8. All paint and paint materials shall be delivered to the building site in unbroken packages, bearing the marks of the specified brand. No adulteration of specified paints with other brands shall be allowed without the consent of the Architect and End user.
9. All other materials specifically indicated and illustrated on plans shall be taken as part of this specification regardless whether or not written and such other materials shall be approved by the end user before they are set in place.

XIV. DOORS and WINDOWS (Including Installation)

88.59 sq.m

Doors

Steel Door
Aluminum Door
PVC Door
Panel Door

Windows

Aluminum window
Cooling Pad

XV. WATER TANK

1.00 lot

○ Earthworks

The work under this Section shall include clearing removal, hauling and disposal of all excavated materials tamping and trimming of foundation bed required for the construction of permanent structure, foundation, and perimeter fence.

The contractor shall make all necessary excavation for foundations to grade indicated on the drawings. Work that is excavated to a greater extent than required by the drawings and specifications and which is within the bearing area of walls, footings, or floor slabs shall be filled structural specifications. The structure foundation shall be staked out accurately, after which, approval by the Architect/Engineer shall be secured before any excavation work is done. The Contractor shall secure the surrounding properties from all forms of damage and destruction caused by the excavation.

○ RSB WORKS

All reinforcement shall be placed in accordance with plans furnished by the Engineer. In case of any doubt or ambiguity in placing of steel, the Contractor shall consult the Engineer whose decision shall be final in such cases.

Steel reinforcing bars to be used for this project shall consist of standard deformed structural bars meeting ASTM specifications. All reinforcement shall be placed in accordance with plans furnished by the
the
Engineer.

○ FORM WORKS AND SCAFFOLDINGS

Forms shall be used whenever necessary to confine the concrete during vibration and to shape it to the required lines. Forms shall have sufficient strength to withstand the pressure resulting from placement and vibration of the concrete and shall be maintained rigidly in position. The strength and rigidity of the forms shall be such that formed surfaces will conform to specification requirements relating to the surfaces irregularities and tolerances for concrete construction. Forms shall be tight to prevent loss of mortar from concrete.

○ CONCRETE WORKS

All cement requirements of concrete works for the contract shall contractor-furnished. The cement shall conform to the requirements of the standard specification of Portland Cement (ASTM: C150 Type 1).

Fine aggregates shall be clean, well graded, hard, natural sand or manufactured sand or a combination both. The minimum size of the aggregates shall not be larger than one-fifth (1/5) of the narrowest dimension between forms and not larger than three-fourths (3/4) of the minimum clear spacing between reinforcing bars, and in no case larger than two inches in diameter. Course aggregates shall be hard, durable, uncoated gravel, crushed gravel, free from any deleterious materials like alkali, loam, silt and any organic matter.

Water used in making the concrete mass shall reasonably clean, potable, and free from injurious amount of oils, acids, alkali organic materials and other deleterious substances.

Apply water proofing to prevent leakage.

Provide ladder rungs for ease of operation and maintenance.

XVI. PIG DISPOSAL

1.00 lot

- The contractor shall excavate pig disposal with a depth of 3.70 m and place 1.5 m dia. RC Pipe. Place 4mm. #.20 wire mesh and 1" dia. G.I Pipe as framing and paint welded parts.

XVII. LAGOON

1.00 lot

- The contractor shall construct Two (2) units of lagoon with Polyethylene Membrane Plastic Sheet with a dimension of 0.2 mm (T) X 4 m(W) X 50 m (L).

XVIII. DIGESTER

1.00 lot

The contractor shall construct One (1) unit of Rectangular Fixed- Dome Digester/ Gas holder with complete set of accessories and serve its functions.

All other materials specifically indicated and illustrated on plans shall be taken as part of this specification regardless whether or not written and such other materials shall be approved by the end user before they are set in place.

XIX. GENERATOR ROOM

1.00 lot

- All works shall follow the pertinent provisions of the latest edition Philippine Electrical Code and its respective implementing rules and regulations together with requirement of the local power company.
- The work shall be of the highest quality and accordance with the latest standards of engineering practices
- The work shall be under the responsible charge of/or supervision of a duly licensed Electrical Engineer or a Master Electrician in conformity with the field of competence of each grade.
- Data presented on this plan are as accurate as preliminary survey that planning can determined, but accuracy is guaranteed and field verification of all dimension is directed of the actual

execution of the work this plan is for guidance and assistance, but the levels will be governed by field condition.

XX. BACKFILLING WORKS

4, 500.00 cu.m

The site shall be levelled as according to the plans and cleared of rubbish, roots and other perishable and objectionable matters to a suitable sub grade. All such unsuitable materials shall be removed from the site, or otherwise disposed of as maybe directed by the Project Engineer in charge of the construction.

Backfills and fills shall be placed in layers not exceeding 150mm in thickness, and each layer shall be thoroughly compacted by wetting, tamping and rolling.

Levelling course shall consist of approved granular fill material furnished and placed as required to replace unsuitable material encountered below foundation elevation of concrete structures and grouted/hand laid riprap.

After pipe lines have been tested, inspected and approved prior to the backfilling all forms and bracing shall be removed and the excavated materials cleaned from debris. Materials for backfilling shall be free from large or big rocks. Backfilling shall be placed in horizontal layers, properly moistened and compacted to an optimum density that will prevent excessive settlement and shrinkage. Maximum 6 inches layer of backfill shall be overlaid for another compaction process.

XXI. PERIMETER FENCE

1.00 lot

○ Earthworks

The work under this Section shall include clearing removal, hauling and disposal of all excavated materials tamping and trimming of foundation bed required for the construction of permanent structure, foundation, and perimeter fence.

The contractor shall make all necessary excavation for foundations to grade indicated on the drawings. Work that is excavated to a greater extent than required by the drawings and specifications and which is within the bearing area of walls, footings, or floor slabs shall be filled structural specifications. The structure foundation shall be staked out accurately, after which, approval by the Architect/Engineer shall be secured before any excavation work is done. The Contractor shall secure the surrounding properties from all forms of damage and destruction caused by the excavation.

Soil bearing capacities of foundation shall be as specified by the Structural engineer. Should the soil at the proposed level of footing bases be found not capable of resisting said pressure, the Architect or the Structural engineer or Project Engineer, shall be notified and they shall revise foundation details as required.

○ RSB WORKS

All reinforcement shall be placed in accordance with plans furnished by the Engineer. In case of any doubt or ambiguity in placing of steel, the Contractor shall consult the Engineer whose decision shall be final in such cases.

Steel reinforcing bars to be used for this project shall consist of standard deformed structural bars meeting ASTM specifications. All reinforcement shall be placed in accordance with plans furnished by the Engineer.

○ FORM WORKS AND SCAFFOLDINGS

Forms shall be used whenever necessary to confine the concrete during vibration and to shape it to the required lines. Forms shall have sufficient strength to withstand the pressure resulting from placement and vibration of the concrete and shall be maintained rigidly in position. The strength and rigidity of the forms shall be such that formed surfaces will conform to specification requirements relating to the surfaces irregularities and tolerances for concrete construction. Forms shall be tight to prevent loss of mortar from concrete.

○ CONCRETE WORKS

All cement requirements of concrete works for the contract shall contractor-furnished. The cement shall conform to the requirements of the standard specification of Portland Cement (ASTM: C150 Type 1).

Fine aggregates shall be clean, well graded, hard, natural sand or manufactured sand or a combination both. The minimum size of the aggregates shall not be larger than one-fifth (1/5) of the narrowest dimension between forms and not larger than three-fourths (3/4) of the minimum clear spacing between reinforcing bars, and in no case larger than two inches in diameter. Course aggregates shall be hard, durable, uncoated gravel, crushed gravel, free from any deleterious materials like alkali, loam, silt and any organic matter.

Water used in making the concrete mass shall reasonably clean, potable, and free from injurious amount of oils, acids, alkali organic materials and other deleterious substances.

○ Painting Works

All painting works for this project, except as hereinafter specified, shall be done with the use of paint products.

The contractor shall supply all labor, paint materials, tools, staging and equipment necessary, and shall perform all painting and finishing work as shown in the schedule of painting and finishing work for this project. The painting contractor shall store his materials in one place in the building to be kept near and clean, care being taken in the storage of paints, oils, etc. to prevent danger of fire. Oil rags shall be kept in metal containers and shall be removed from the building every end of the working day. All paintings are to be done in good workmanship manner. No painting shall be done on all surfaces before neutralizing and proper sand papering is through. No painting on damp weather is to be done.

All concrete surfaces to be painted shall first be coated with concrete neutralizer. Exterior walls shall be finished with Solvent-Based Acrylic Paint, first coated with Penetrating sealer. Interior wall shall be finished with Latex Paint, first Painted with concrete sealer. Steel or iron surfaces must first be painted with anti-rust proofing. All color schemes for painting the building shall be decided by the Architect and end user, to be implemented upon completion of the construction. The Contractor shall submit color samples and finishes for approval by the Architect and End user before final application.

Cracks and holes shall be filled with putty compatible with the surface to be painted and the paint materials to be applied. All wooden door jambs and cabinet frames and shelves to come in contact with masonry surfaces must be painted with SOLIGNUM wood preservative.

Upon completion of the painting works, the painting Contractor shall remove any paint spots from all finished work. He shall present his work to the in charge of the Construction, free from blemishes and rubbish generated by his workers.

Before any painting is done, all surfaces shall be cleaned, smoothed and freed from dust, dirt, grease, mortar, rust and other foreign substances. All parts where paint remover has been used shall be washed off with paint or lacquer thinner. All paints shall be spread evenly and carefully. All paint and paint materials shall be delivered to the building site in unbroken packages, bearing the marks of the specified brand. No adulteration of specified paints with other brands shall be allowed without the consent of the Architect and End user.

All other materials specifically indicated and illustrated on plans shall be taken as part of this specification regardless whether or not written and such other materials shall be approved by the end user before they are set in place.

XXII. ELECTRICAL WORKS

90.00 outlet

- The builder shall install all materials as indicated in the drawings and the necessary panel boards or circuit breakers. Install all equipment and materials in a neat and professional manner. Leave all exposed parts of the electrical works in a neat, clean and usable condition, with painted surfaces unblemished and polished surfaces re polished. Panel boards to be used shall be flush mounted when located in areas that are visible.
- All electrical works for the building will be done in accordance with the provisions of the Latest Philippine National Electric Code and the rules and regulations of the Electrical Ordinance of the Municipality, and rules and regulations of other governing authorities.
- All works shall follow the pertinent provisions of the latest edition Philippine Electrical Code and its respective implementing rules and regulations together with requirement of the local power company.
- The work shall be of the highest quality and accordance with the latest standards of engineering practices
- The work shall be under the responsible charge of/or supervision of a duly licensed Electrical Engineer or a Master Electrician in conformity with the field of competence of each grade.
- Data presented on this plan are as accurate as preliminary survey that planning can determined, but accuracy is guaranteed and field verification of all dimension is directed of the actual execution of the work this plan is for guidance and assistance, but the levels will be governed by field condition.
- Where field condition requires deviations from plan, all suggested the supervising authorities to avoid unnecessary conflict with other trade should first check change.

XXIII. PLUMBING WORKS

1.00 lot

- EXCAVATION

Trenches of all underground pipelines shall be excavated to the required depth and grades. Bell holes shall be provided so that the pipe will rest on well-thumped solid ground for its entire

length. Where rock is encountered, excavation shall extend to a depth six inches below the pipe bottom and before pipe is laid, the space between the bottom of pipe or other approved filling materials.

- **PIPE LAYING**

Pipe in trenches shall be laid true to line and grade on a stable and suitable prepared foundations, each section of the pipe being bedded and bottom of the trench shaped to fit the lowest quadrant of the pipe circumference. All pipes, except concrete pipes, that will run underground shall be protected with concrete, Class "B" casing with a minimum protection of four inches around the perimeter of the pipe, then inches below the finished grade. Where vehicles shall pass over the pipe laying shall be made deeper, depth shall be lower than 0.90 meters. Pipes to be used for water lines must be PPR type.

- **BACKFILLING**

After pipe lines have been tested, inspected and approved prior to the backfilling all forms and bracing shall be removed and the excavated materials cleaned from debris. Materials for backfilling shall be free from large or big rocks. Backfilling shall be placed in horizontal layers, properly moistened and compacted to an optimum density that will prevent excessive settlement and shrinkage. Maximum 6 inches layer of backfill shall be overlaid for another compaction process.

- **INSTALLATION**

Install plumbing fixtures free and open to afford easy access for cleaning. Install plumbing fixture as indicated on drawings, furnishing all brackets, cleats, plates and anchors required to support fixtures rigidly in place. Install all fixtures and accessories in locations directed in accordance with manufacturer's instructions, minimizing pipe fittings. Protect items with approval means to maintain perfect conditions. Remove worked damage or defective and replace with perfect work without extra cost to end user.

Provide in each bathroom and toilet a standard water closet, compact type, complete with fittings and all incidental materials of local procedures or equally good quality. Provide in each bathroom and toilet and other rooms as provided with a standard lavatory, with complete fittings. Showerheads shall be provided in all bathrooms, spray type, shivel head, chrome plated with valve. Provide and set in place soap holders for each bathroom. Provide and set in place holders in each toilet near the water closet. Provide and set in place as shown in the plans, floor drains, and traps complete.

All soil and drainage pipes shall have a minimum slope of 1% and a maximum slope of 2%. Vertical pipes shall be secured strongly by hooks to building frame. Provide suitable brackets or chairs at the floors from which they can start. Where an end or circuit vent pipe from any fixtures or any line of fixtures is connected to a vent line serving other fixtures, connection shall be at least four feet (1.20 meters) above floor in which fixtures are located, to prevent use of any vent line as a waste. Horizontal pipes shall be supported by well-secured strap hangers.

- ROUGH-IN

Provide correctly located opening of proper sizes where required in walls and floors for passing of pipes. All items to be embedded in concrete shall be thoroughly cleaned and free from all rust, scale and paint. All changes in pipe size on soil wash and draft lines shall be provided with reducing fitting or recesses reducers. For changes in pipe sizes, provide reducing fittings. High corrosive natural ground within site shall be taken into account by the plumber. Protective features shall be installed to prevent corrosion of all water pipes installed underground.

Extend piping to all fixtures, outlets and equipment from gate valves installed in the branch, near the riser. All pipes shall be cut accurately to measurements, and worked into place without springing or forcing. Care shall be taken as not to weaken structural portion of the building.

vi. All drain lines shall be graded from the outlet of the tank and distribution box with a downward slope of 0.3 % to 0.5%.

vii. Distance between laterals shall be no less than ninety centimeters with 2.40 meters or more recommended.

viii. The maximum lateral length shall not exceed 25 meters and when more than one lateral is used all trenches shall be the same lengths as near as practical with topographic condition.

ix. In the disposal of septic tank effluent, grease and/or kitchen waste or laundry waste, pumps, dry wells, seepage pits or drain wells shall not be used.

x. The area of absorption field shall be determined from maximum daily sewage flow as estimated after conduction of percolation test.

xi. Distribution boxes shall be provided on all drain field and shall be of sufficient size to accommodate the required number of drain field lines. Each drain field lines shall be connected individually to the distribution box.

xii. Areas for absorption beds of drain fields shall consists of uniform soils free of impervious materials to depth of 1.8 meters and shall give an adequate percolation time under saturated conditions.

3. Plumbing Connections - All plumbing installations shall be in accordance with the National Plumbing Code of the Philippines and shall have proper size installed and maintained as to carry adequate quantities of water and to properly convey sewage and other liquid wastes from the toilet compartments to the sewerage or sewage disposal system.

The above specifications are intended for the **CONSTRUCTION OF BOAR STUDIO at DA- PREC, STA. BARBARA BREEDING STATION, STA. BARBARA, PANGASINAN.**

Prepared and Submitted by:

CHRISTIAN DAVE C. GALLANO, ABE
PA III, EPDSS- RAED

Checked and Reviewed by:

MARK HARRY G. PASTOR, ABE
Chief, RAED

- ROUGH-IN

Provide correctly located opening of proper sizes where required in walls and floors for passing of pipes. All items to be embedded in concrete shall be thoroughly cleaned and free from all rust, scale and paint. All changes in pipe size on soil wash and draft lines shall be provided with reducing fitting or recesses reducers. For changes in pipe sizes, provide reducing fittings. High corrosive natural ground within site shall be taken into account by the plumber. Protective features shall be installed to prevent corrosion of all water pipes installed underground.

Extend piping to all fixtures, outlets and equipment from gate valves installed in the branch, near the riser. All pipes shall be cut accurately to measurements, and worked into place without springing or forcing. Care shall be taken as not to weaken structural portion of the building.

vi. All drain lines shall be graded from the outlet of the tank and distribution box with a downward slope of 0.3 % to 0.5%.

vii. Distance between laterals shall be no less than ninety centimeters with 2.40 meters or more recommended.

viii. The maximum lateral length shall not exceed 25 meters and when more than one lateral is used all trenches shall be the same lengths as near as practical with topographic condition.

ix. In the disposal of septic tank effluent, grease and/or kitchen waste or laundry waste, pumps, dry wells, seepage pits or drain wells shall not be used.

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Prepared and Submitted by:


CHRISTIAN DAVE C. GALLANO, ABE
PA III, EPDSS- RAED

Checked and Reviewed by:


MARK HARRY C. PASTOR, ABE
Chief, RAED

DEPARTMENT OF AGRICULTURE-REGIONAL FIELD OFFICE 1
NAME OF PROCURING ENTITY

PROJECT REFERENCE NO.: _____
 NAME OF PROJECT: _____

**STATEMENT OF ALL ON-GOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING CONTRACTS AWARDED BUT NOT YET
 STARTED, IF ANY, WHETHER SIMILAR OR NOT SIMILAR IN NATURE AND COMPLEXITY TO THE CONTRACT TO BE BID**

CONTRACT TO BE BID: _____
BUSINESS NAME: _____
BUSINESS ADDRESS: _____

Name of Contract/ Location Project Cost	a. Owner's Name b. Address c. Telephone Nos.	NATURE OF WORK	CONTRACTOR'S ROLE		a. Date Awarded b. Date Started c. Date Completion	% Accomplishment		Value of Outstanding Works
			Description	%		Planned	Actual	

Note: This statement shall be supported with:
 1. Notice of Award and/or Contract
 2. Notice to Proceed issued by the Owner

Submitted by:

Name of Representative of Bidder
Position
 Date: _____

Statement identifying the Bidder's Single Largest Completed Contract (SLCC) similar in nature

Contract to be Bid: _____
 Business Name: _____
 Business Address: _____

Name of Client	a. Owner's Name b. Address c. Telephone Nos.	Title of the Project in the Contract	Nature of Work	a. Date Awarded b. Contract Effectivity c. Date Completed	Contractor's Role (whether sole contractor, subcontractor, or partner in a JV)		a. Total Contract Value at Award b. Total Contract Value at Completion c. Contract Duration
					Description	%	
<u>Government</u>							
<u>Private</u>							

Note: This statement shall be supported with:

1. Notice of Award
2. Notice to Proceed
3. Contract
4. Owner's Certificate of Acceptance OR Constructors Performance Evaluation Summary (CPES) Rating

Submitted by : _____
 (Printed Name and Signature)
 Designation : _____
 Date : _____

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

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

BID SECURING DECLARATION **Project Identification No.: *[Insert number]***

To: **DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE 1**
City of San Fernando, La Union

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE
[Insert signatory's legal capacity]
Affiant*

[Jurat]

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

DEPARTMENT OF AGRICULTURE-REGIONAL FIELD OFFICE 1

NAME OF PROCURING ENTITY _____

Standard Form Number: SF-INFR-48
 Revised on: August 11, 2004

Contract Reference No.: _____

Name of the Contract: _____

Location of the Contract: _____

(LIST) Qualification of Key Personnel Proposed to be Assigned to the Contract

Business Name: _____

Business Address: _____

		Project Manager/Engineer	Materials Engineer	Foreman	Construction Safety and Health Personnel	Other positions deemed required by the Applicant for the project
1	Name					
2	Address					
3	Date of Birth					
4	Employed since					
5	Experience					
6	Previous Employment					
7	Education					
8	PRC Licence					

Minimum Requirements : Project Manager/Engineer
 : Materials Engineer
 : Foreman
 : Foreman

Note : Attached individual resume and PRC License of the (professional) personnel

Submitted by : _____
 (Printed Name and Signature)

Designation : _____

Date : _____

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz, Project Manager, Project Engineers, Materials Engineers and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel signed written commitment to work for the project once awarded the contract).

DEPARTMENT OF AGRICULTURE-REGIONAL FIELD OFFICE 1
NAME OF PROCURING ENTITY

Contract Reference Number
Name of the Contract
Location of the Contract

1. Name : _____
2. Name and Address of Owner : _____
3. Name and Address of the
Owner's Engineer : _____
(Consultant)
- 3-4. Indicate the Features of Project
(particulars of the project
Components and any other particular
Interest connected with the project): _____
5. Contract Amount Expressed in
Philippine currency : _____
6. Position : _____
7. Structures for which the employee
was responsible : _____
8. Assignment Period : from _____ (months)
: to _____ (months)

Name and Signature of Employee

It is hereby certified that the above personnel can be assigned to this project, if the contract is awarded to our company.

(Place and Date)

(The Authorized Representative)

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz, Project Manager, Project Engineers, Materials Engineers and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel signed written commitment to work for the project once awarded the contract). _____ **SF-INFR-47b**

Standard Form Number: SF-INFR-47
Revised on: August 11, 2004

KEY PERSONNEL
(FORMAT OF BIO-DATA)

Give the detailed information of the following personnel who are to be assigned as full-time field staff for the project. Fill up a form for each person.

- Authorized Managing Officer/Representative
- Sustained Technical Employee

1. Name	:	_____
2. Date of Birth	:	_____
3. Nationality	:	_____
4. Education and Degrees	:	_____
5. Specialty	:	_____
6. Registration	:	_____
7. Length of service with the Firm	:	_____
8. Years of Experience	:	_____

9. If item 7 is less than ten (10) years, give name and length of service with previous employers for a ten (10)-year period (attach additional sheet/s), if necessary:

<u>Name and Address of employer</u>	<u>Length of Service</u>
_____	_____ year(s) from _____ to _____
_____	_____ year(s) from _____ to _____
_____	_____ year(s) from _____ to _____

10. Experience:

This should cover the past ten (10) years of experience. (Attach as many pages as necessary to show involvement of personnel in projects using the format below).

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz, Project Manager, Project Engineers, Materials Engineers and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel signed written commitment to work for the project once awarded the contract). _____ SF-INFR-47a

DEPARTMENT OF AGRICULTURE-REGIONAL FIELD OFFICE 1
NAME OF PROCURING ENTITY

Contract Reference Number
Name of the Contract
Location of the Contract

Standard Form Number: SF-INFR-46
Revised on: August 11, 2004

Key Personnel's Certificate of Employment

Issuance Date

DIR. NESTOR

Position of the Head of the Procuring Entity

DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE 1

CITY OF SAN FERNANDO, LA UNIONO

Dear Sir/Madame:

I am (Name of Nominee) a Licensed _____ Engineer with Professional License No. _____ issued on (Date of Issuance) at (place of issuance) .

I hereby certify that (Name of Bidder) has engaged my services as (designation) for (name of the Contract), if awarded to it.

As (designation), I supervised the following completed projects similar to the contract under bidding:

NAME OF PROJECT	OWNER	COST	DATE COMPLETED
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

At present, I am supervising the following projects:

NAME OF PROJECT	OWNER	COST	DATE COMPLETED
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

In case of my separation for any reason whatsoever from the above-mentioned contractor, I shall notify the (Name of the Procuring Entity) at least twenty one (21) days before the effective date of my separation.

As (Designation), I know I will have to stay in the job site all the time to supervise and manage the Contract works to the best of my ability, and aware that I am authorized to hanle only one (1) contract at a time.

I do not allow the use of my name for the purpose of enabling the above-mentioned Contractor to qualify for the Contract without any firm commitment on my part to assume the post of (Designation) thereof, if the contract is awarded to him since I understand that to do so will be

a sufficient ground for my disqualification as (Designation) in any future (Name of the Procuring Entity) bidding or employment with any Contractor doing business with the Name of the Procuring Entity .

(Signature of Engineer)

DRY SEAL

Republic of the Philippines)
_____) S.S.

SUBSCRIBED AND SWORN TO before me this _____ day of _____ 2022 affiant exhibiting to me his/her Residence Certificate No. _____ issued on _____ at _____.

Notary Public
Until December 31, 20____

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

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz, Project Manager, Project Engineers, Materials Engineers and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel signed written commitment to work for the project once awarded the contract). _____ SF-INFR-46a

Standard Form Number: SF-INFR-49

Revised on August 11, 2004

LIST OF EQUIPMENT, OWNED OF LEASED and/or under PURCHASE AGREEMENT, PLEDGED TO THE PROPOSED PROJECT

Business Name : _____
Business Address : _____

Description	Model/Year	Capacity/ Performance/ Size	Plate No.	Motor No./ Body No.	Location	Condition	Proof of Ownership/ Lessor or Vendor

List of minimum equipment required for the project

Submitted by : _____
(Print name and affix signature)
Designation : _____
Date : _____

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the

Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY (NFCC)

Summary of the Applicant Supplier's/Distributor's assets and liabilities on the basis of the attached Income Tax Return and Audited Financial Statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent for the immediately preceding year.

		Year 20__
1	Total Assets	
2	Current Assets	
3	Total Liabilities	
4	Current Liabilities	
5	Net Worth (1-3)	
6	Net Working Capital (2-4)	

The Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, based on the above data is calculated as follows:

NFCC = [(Current asset minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started

Or,

If the prospective bidder opts to submit a Committed Line of Credit (CLC), it must be at least equal to ten percent (10%) of the ABC to be bid and shall be confirmed or authenticated by a local universal or commercial bank.

Name of Bank _____ Amount _____

Herewith attached are certified true copies of the Income Tax Return and Audited Financial Statement Stamped "RECEIVED" by the BIR authorized collecting agent for the immediately preceding year.

Submitted by:

Name of Supplier/Distributor/Manufacturer

Printed Name and Signature of Authorized Representative

Date:

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date: _____
Project Identification No.: _____

To: **DEPARTMENT OF AGRICULTURE REGIONAL FIELD OFFICE 1**
City of San Fernando, La Union

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹² for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

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

- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____