

**P M O**



Masanyag  
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Patribo

Republic of the Philippines  
PROVINCE OF DAVAO DEL SUR  
Office of the Governor

# PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

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*Province of Davao del Sur*

## BIDDING DOCUMENTS

One Job Order for the  
**REPAIR/ IMPROVEMENT OF TABLIZO  
GYM located at CAPITOL COMPOUND,  
MATTI, DIGOS CITY, DAVAO DEL SUR**

**IB No. C-052-23**

**Date of Opening of Bids: May 02, 2023 at 09:00 A.M.  
Start Date for Issuance of Bidding Documents: April 12, 2023**

Sixth Edition  
July 2020

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## **SECTION II.**

### **INSTRUCTION TO BIDDERS**

# *Instructions to Bidders*

## **1. Scope of Bid**

The **PROVINCIAL GOVERNMENT OF DAVAO DEL SUR** invites Bids for the **REPAIR/ IMPROVEMENT OF TABLIZO GYM located at CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**, with Project Identification Number **C-052-23**.

The Procurement Project (referred to herein as “**REPAIR/ IMPROVEMENT OF TABLIZO GYM located at CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**”) 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 **CY 2022 Supplemental Budget** in the amount of **P5,190,000.00**.
- 2.2. The source of funding is **20% DEVELOPMENT FUND**:

## **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 “F” 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. Subcontracting is not allowed.

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

The Procuring Entity will hold a pre-bid conference for this Project on the **April 20, 2023, at 9:00 A.M., Ralota Hall, Gov. Douglas Ra. Cagas Cultural Sports and Business Complex, Barangay Matti, Digos City, Davao del Sur** as indicated in paragraph 6 of the IB.

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

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

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

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.

10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

10.3. A valid special PCAB License in case of Joint Ventures, 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: **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 for **120 Calendar Days** upon opening of bids. 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**

17.1 Bids must be delivered to the Ralota Hall, Gov. Douglas Ra. Cagas Cultural Sports and Business Complex, Barangay Matti, Digos City, Davao del Sur **on or before May 02, 2023 at 9:00 A.M.** Late bids shall not be accepted. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

## **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

## (IB No.: C-052-23)

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:  <b>Buildings: Repair</b>  (based on DPWH DO 14 Series of 2017) <i>Subcontracting is not allowed.</i>
7.1	<i>"No further instructions."</i>
10.3	<i>"No further instructions."</i>
10.4	The key personnel must meet the required minimum years of experience set below: <u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u>
10.5	<i>"No further instructions."</i> The minimum major equipment requirements are the following:  <u>Equipment</u> <u>Capacity</u> <u>Number of Units</u>
12	<i>"No further instructions."</i> None.
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of <b>not less than P103,800.00</b> [two percent (2%) of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of <b>not less than P259,500.00</b> [five percent (5%) of ABC], if bid security is in Surety Bond.
19.2	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.  In all cases, the NFCC computation must be sufficient for the contract to be awarded to the Bidder. <i>Permits and Clearances as required by the End-User.</i>
20	<i>Post-Qualification Requirements: Latest Income Tax Returns, Business Tax Returns for the last 6 months.</i>
21	1. Presentation of the Bidding Documents a. <b>Envelope 1 (Eligibility/ Technical Documents)</b> One (1) ORIGINAL COPY, another copy for COPY 1, and another copy for COPY 2. b. <b>Envelope 2 (Financial Proposal)</b> One (1) ORIGINAL COPY, another copy for COPY 1, and another copy for COPY 2.  Such documents shall be duly signed by the bidders or its duly authorized representative/s.

Eligibility/Technical and Financial Proposal must be book bound and properly tabbed at the right side. Any documents submitted not book bound shall be rejected outright. For the Financial Proposal not exceeding ten (10) pages maybe book bound or securely stapled.

All copies must be properly marked (ORIGINAL COPY, COPY 1 AND COPY 2)

**Envelope 1 and Envelope 2 must be properly sealed, and will be placed in one sealed mother envelope.**

2. Other documents/materials to comply with other non-discretionary criteria and requirements as stated in the Instruction to Bidders:

- **Construction Methods**
- **Construction schedule and S-Curve**
- **Pert-CPM**
- **Manpower Utilization Schedule**
- **Equipment Utilization Schedule**
- **Construction Safety & Health Program**
- **Affidavit of Site Inspection**
- **Duly Notarized Certification as to compliance to Labor Laws and Standard**

The DOLE approved Construction Safety and Health Program is required before entering into Contract.

**SECTION IV.**

**GENERAL CONDITIONS  
OF CONTRACT**

# *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 Investigations**

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

<b>GCC Clause</b>	
2	<i>The Intended Completion Date is 120 calendar days upon receipt of the Notice to Proceed.</i>
4.1	<i>The Procuring Entity shall give possession in full the parts of the Site to the Contractor upon receipt of the Notice to Proceed.</i>
6	The site investigation reports are: <b>Site Inspection Report</b>
7.2	<i>[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures.] Five (5) years.</i>
10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	"No further instruction."
11.2	"No further instruction."
13	The amount of the advance payment shall not exceed <b>Fifteen Percent (15%) of the total contract price to be recouped every progress billing.</b>
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	"No further instructions." The date by which "as built" drawings are required is <b>15 days prior turn-over and acceptance.</b>
15.2	"No further instructions."



# **SECTION VI.**

## **SPECIFICATIONS**

[See attached file.]

Name of Project

: REPAIR/IMPROVEMENT OF TABLIZO GYM

Location

: CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

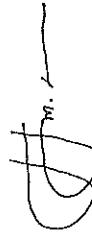
## SPECIFICATIONS

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>
B.3	Permits and Clearances	L.S.	1.00
B.5	Project Billboard/ Signboard	each	1.00
B.7	Occupational Safety and Health	L.S.	1.00
B.9	Mobilization/ Demobilization	L.S.	1.00
800 (3)a2	Individual Removal of Trees, 301mm to 500mm dia.	each	2.00
801 (1)	Removal of Structures and Obstruction	L.S.	1.00
803 (1)a	Structure Excavation (Common Soil)	cu.m.	43.01
804 (2)a	Embankment from Borrow (Common Soil)	cu.m.	83.14
804 (7)	Gravel Fill	cu.m.	21.93
900 (1)c	Structural Concrete, Class A, 3000 psi, 28 days	cu.m.	45.55
902 (1)a1	Reinforcing Steel (Deformed) Grade 40	kg.	3,136.35
903 (1)	Formworks and Falseworks	sq. m	135.27
1001 (1)a5	Pipe and Fittings, 50mm dia., PVC, Series 1000	m	192.00
1001 (1)a7	Pipe and Fittings, 100mm dia., PVC, Series 1000	m	75.00
1001 (9)	Storm Drainage and Downspout	L.S.	1.00
1001 (11)	Septic Vault/Tank, Concrete/CHB	L.S.	1.00
1002 (2)a1	Polypropylene Random Copolymer (PPR-C) Pipes with Fittings, 20mm dia., PN10	m	126.00
1002 (4)	Plumbing Fixtures	L.S.	1.00
1003 (14)	Phenolic Board	sq.m.	54.36
1003 (17)	Carpentry and Joinery Works	L.S.	1.00
1004 (2)	Finishing Hardware	L.S.	1.00
1008 (2)	Aluminum Glass Windows	L.S.	1.00
1009 (1)a	Jalousie Windows, Glass	sq. m	4.32
1010 (2)b	Doors (Wood Panel)	sq. m	7.56
1012 (6)a3	Mirror Glass, 6mm	sq. m	11.34
1013 (2)a1	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Ridge/Hip Rolls	ln.m.	46.00
1013 (2)a2	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Flashing	ln.m.	70.50
1013 (2)b1	Fabricated Metal Roofing Accessory, Gauge 24 (0.701mm) Gutters	ln.m.	114.20
1014 (1)b2	Pre-painted Metal Sheets, above 0.427mm., Rib Type, Long Span	sq.m.	1,614.68
1018 (1)	Glazed Tiles and Trims	sq.m.	16.34
1018 (2)	Unglazed Tiles	sq.m.	77.22
1027 (1)	Cement Plaster Finish	sq.m.	524.34
1032 (1)a	Painting Works, Masonry/Concrete	sq.m.	608.33
1032 (1)b	Painting Works, Wood	sq.m.	279.19
1032 (1)c	Painting Works, Steel	sq.m.	1,273.83
1046(2)a1	CHB Non Load Bearing (including Reinforcing Steel), 100 mm	sq.m.	355.02
1047 (1)	Structural Steel	L.S.	1.00
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-In)	L.S.	1.00
1101 (33)	Wires and Wiring Devices	L.S.	1.00
1102 (1)	Panelboard with Main & Branch Breakers	L.S.	1.00
1103 (1)	Lighting Fixtures	L.S.	1.00

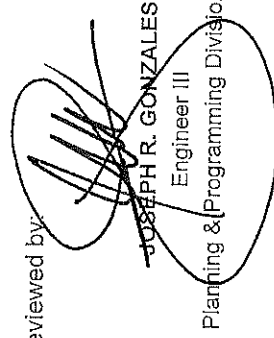
### NOTE:

Specifications shall be in accordance with the DPWH Standard Specifications for Highways, Bridges, and Airport. Volume II 2013

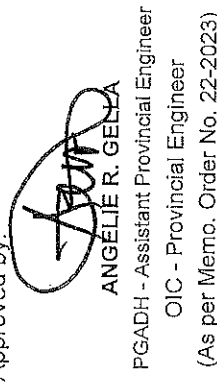
Prepared by:

  
JOSEPH RYAN B. REDOLOSO  
Engineer II

Reviewed by:

  
JOSEPH R. GONZALES  
Engineer III  
Planning & Programming Division Head

Approved by:

  
ANGELIE R. GELA  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

# **SECTION VII.**

## **DRAWINGS**

[The **Detailed Architectural and Engineering Design** is available at the Provincial Government of Davao del Sur, Procurement Management Office, Office of the BAC Secretariat for Infrastructure Projects, Room 16, Executive Building of Provincial Capitol, Mati, Digos City, upon procurement of the corresponding bidding documents.]

## **SECTION VIII.**

# **BILL OF QUANTITIES**

[See attached file.]

**BILL OF QUANTITIES**

Contract Name : **REPAIR/IMPROVEMENT OF TABLIZO GYM**

Location of the Contract : **CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

Project Duration : **120 CALENDAR DAYS**

**SUMMARY OF BID PRICES**  
**(All Parts of Bill of Quantities)**

1. Part No. - Enter the "Part No." for each section of the Bill of Quantities (BOQ) where unit prices are entered.
2. Part Description - Enter the "Part Description" corresponding to the "Part No."
3. Total Amount - Enter the "total amount" in Pesos for all pages having the same "Part Description".
4. Adopting Green Procurement Policy by SBAC Resolution No. 140 series of 2019.

Contract ID: Part No.	Part Description	Total Amount
B.3	Permits and Clearances	P
B.5	Project Billboard/ Signboard	P
B.7	Occupational Safety and Health	P
B.9	Mobilization/ Demobilization	P
800 (3)a2	Individual Removal of Trees, 301mm to 500mm dia.	P
801 (4)	Removal of Structures and Obstruction	P
803 (1)a	Structure Excavation (Common Soil)	P
804 (2)a	Embankment from Borrow (Common Soil)	P
804 (7)	Gravel Fill	P
900 (1)c	Structural Concrete, Class A, 3000 psi, 28 days	P
902 (1)a1	Reinforcing Steel (Deformed) Grade 40	P
903 (4)	Formworks and Falseworks	P
1001 (1)a5	Pipe and Fittings, 50mm dia., PVC, Series 1000	P
1001 (1)a7	Pipe and Fittings, 100mm dia., PVC, Series 1000	P
1001 (9)	Storm Drainage and Downspout	P
1001 (11)	Septic Vault/Tank, Concrete/CHB	P
1002 (2)a1	Polypropylene Random Copolymer (PPR-C) Pipes with Fittings, 20mm dia., PN10	P
1002 (4)	Plumbing Fixtures	P
1003 (4)	Phenolic Board	P
1003 (17)	Carpentry and Joinery Works	P
1004 (2)	Finishing Hardware	P
1008 (2)	Aluminum Glass Windows	P
1009 (1)a	Jalousie Windows, Glass	P
1010 (2)b	Doors (Wood Panel)	P
1012 (6)a3	Mirror Glass, 6mm	P
1013 (2)a1	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Ridge/Hip Rolls	P
1013 (2)a2	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Flashing	P
1013 (2)b1	Fabricated Metal Roofing Accessory, Gauge 24 (0.701mm) Gutters	P
1014 (1)a2	Pre-painted Metal Sheets, above 0.427mm., Rib Type, Long Span	P
1018 (1)	Glazed Tiles and Trims	P
1018 (2)	Unglazed Tiles	P
1027 (1)	Cement Plaster Finish	P
1032 (1)a	Painting Works, Masonry/Concrete	P
1032 (1)b	Painting Works, Wood	P
1032 (1)c	Painting Works, Steel	P
1046(2)a1	CHB Non Load Bearing (Including Reinforcing Steel),100 mm	P
1047 (1)	Structural Steel	P
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)	P
1101 (33)	Wires and Wiring Devices	P
1102 (1)	Panelboard with Main & Branch Breakers	P
1103 (1)	Lighting Fixtures	P
<b>Total of All Amounts</b>		<b>P</b>
Total of All Amounts in Words:		
PESOS		and centavos

Name : \_\_\_\_\_ In capacity of \_\_\_\_\_  
 Signed : \_\_\_\_\_ Date \_\_\_\_\_

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

Contract Name : REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract : CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

Project Duration : 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
				5	6
1	2	3	4		
B.3	Permits and Clearances	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
B.5	Project Billboard/ Signboard	each	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
B.7	Occupational Safety and Health	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
B.9	Mobilization/ Demobilization	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
800 (B) a2	Individual Removal of Trees, 301mm to 500mm dia.	each	2.00	In words: _____ In figures: _____	In words: _____ In figures: _____
801 (1)	Removal of Structures and Obstruction	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____

Submitted by: \_\_\_\_\_

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

\_\_\_\_\_  
Name of the Representative of the Bidder

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Bidder

Contract Name

: REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract

: CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

Project Duration

: 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_ :

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1	2	3	4	5	6
803 (1)a	Structure Excavation (Common Soil)	cu.m.	43.01	In words: _____ In figures: _____	In words: _____ In figures: _____
804 (2)a	Embankment from Borrow (Common Soil)	cu.m.	83.14	In words: _____ In figures: _____	In words: _____ In figures: _____
804 (7)	Gravel Fill	cu.m.	21.93	In words: _____ In figures: _____	In words: _____ In figures: _____
900 (1)c	Structural Concrete, Class A, 3000 psi, 28 days	cu.m.	45.55	In words: _____ In figures: _____	In words: _____ In figures: _____
902 (1)a1 40	Reinforcing Steel (Deformed) Grade	kg.	3136.35	In words: _____ In figures: _____	In words: _____ In figures: _____
903 (1)	Formworks and Falseworks	sq. m	135.27	In words: _____ In figures: _____	In words: _____ In figures: _____

Submitted by: \_\_\_\_\_

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

\_\_\_\_\_  
Name of the Representative of the Bidder

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Bidder

Contract Name : REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract : CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

Project Duration : 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1001 (1)a5	Pipe and Fittings, 50mm dia., PVC, Series 1000	m	192.00		
				In words: _____	In words: _____
				In figures: _____	In figures: _____
1001 (1)a7	Pipe and Fittings, 100mm dia., PVC, Series 1000	m	75.00		
				In words: _____	In words: _____
				In figures: _____	In figures: _____
1001 (9)	Storm Drainage and Downspout	L.S.	1.00		
				In words: _____	In words: _____
				In figures: _____	In figures: _____
1001 (11)	Septic Vault/Tank, Concrete/CHB	L.S.	1.00		
				In words: _____	In words: _____
				In figures: _____	In figures: _____
1002 (2)a1	Polypropylene Random Copolymer (PPR-C) Pipes with Fittings, 20mm dia., PN10	m	126.00		
				In words: _____	In words: _____
				In figures: _____	In figures: _____
1002 (4)	Plumbing Fixtures	L.S.	1.00		
				In words: _____	In words: _____
				In figures: _____	In figures: _____

Submitted by: \_\_\_\_\_

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

Name of the Representative of the Bidder \_\_\_\_\_

Position \_\_\_\_\_

Name of Bidder \_\_\_\_\_



Contract Name : REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract : CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

Project Duration : 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1	2	3	4	5	6
1003 (14)	Phenolic Board	sq. m.	54.36	In words: _____ In figures: _____	In words: _____ In figures: _____
1003 (17)	Carpentry and Joinery Works	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1004 (2)	Finishing Hardware	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1008 (2)	Aluminum Glass Windows	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1009 (1)a	Jalousie Windows, Glass	sq. m	4.32	In words: _____ In figures: _____	In words: _____ In figures: _____
1010 (2)b	Doors (Wood Panel)	sq. m	7.56	In words: _____ In figures: _____	In words: _____ In figures: _____

Submitted by: \_\_\_\_\_

Name of the Representative of the Bidder \_\_\_\_\_

Position \_\_\_\_\_

Name of Bidder \_\_\_\_\_

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

Contract Name : REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract : CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

Project Duration : 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1	2	3	4	5	6
1012 (6)a3	Mirror Glass, 6mm	sq. m	11.34	In words: _____ In figures: _____	In words: _____ In figures: _____
1013 (2)a1	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Ridge/Hip Rolls	in.m.	46.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1013 (2)a2	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Flashing	in.m.	70.50	In words: _____ In figures: _____	In words: _____ In figures: _____
1013 (2)b1	Fabricated Metal Roofing Accessory, Gauge 24 (0.701mm) Gutters	in.m.	114.20	In words: _____ In figures: _____	In words: _____ In figures: _____
1014 (1)b2	Pre-painted Metal Sheets, above 0.427mm., Rib Type, Long Span	sq.m.	1614.68	In words: _____ In figures: _____	In words: _____ In figures: _____
1018 (1)	Glazed Tiles and Trims	sq.m.	16.34	In words: _____ In figures: _____	In words: _____ In figures: _____

Submitted by: \_\_\_\_\_

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

Name of the Representative of the Bidder \_\_\_\_\_

Position \_\_\_\_\_

Name of Bidder \_\_\_\_\_

Contract Name : REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract : CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR  
 Project Duration : 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1	2	3	4	5	6
1018 (2)	Unglazed Tiles	sq.m.	77.22	In words: _____ In figures: _____	In words: _____ In figures: _____
1027 (1)	Cement Plaster Finish	sq.m.	524.34	In words: _____ In figures: _____	In words: _____ In figures: _____
1032 (1)a	Painting Works, Masonry/Concrete	sq.m.	608.33	In words: _____ In figures: _____	In words: _____ In figures: _____
1032 (1)b	Painting Works, Wood	sq.m.	279.19	In words: _____ In figures: _____	In words: _____ In figures: _____
1032 (1)c	Painting Works, Steel	sq.m.	1273.83	In words: _____ In figures: _____	In words: _____ In figures: _____
1046(2)a1	CHB Non Load Bearing (including Reinforcing Steel),100 mm	sq.m.	355.02	In words: _____ In figures: _____	In words: _____ In figures: _____

Submitted by: \_\_\_\_\_

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

Name of the Representative of the Bidder \_\_\_\_\_

Position \_\_\_\_\_

Name of Bidder \_\_\_\_\_

Contract Name : REPAIR/IMPROVEMENT OF TABLIZO GYM

Location of the Contract : CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

Project Duration : 120 Calendar Days

**BILL OF QUANTITIES**

Part No. \_\_\_\_\_

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1	2	3	4	5	6
1047 (1)	Structural Steel	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-In)	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1101 (93)	Wires and Wiring Devices	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1102 (1)	Panelboard with Main & Branch Breakers	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
1103 (1)	Lighting Fixtures	L.S.	1.00	In words: _____ In figures: _____	In words: _____ In figures: _____
				In words: _____ In figures: _____	In words: _____ In figures: _____

Submitted by: \_\_\_\_\_

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

\_\_\_\_\_  
Name of the Representative of the Bidder

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Bidder

## **SECTION IX.**

# **CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS**



PROVINCE OF DAVAO DEL SUR  
Office of the Governor

# PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)

Telefax: (082) 553-9579

Website: [www.davaodelsur.gov.ph/pgo-bac](http://www.davaodelsur.gov.ph/pgo-bac)

Email Add.: [bac.davaodelsur2@gmail.com](mailto:bac.davaodelsur2@gmail.com)/[sbocdavaodelsur@gmail.com](mailto:sbocdavaodelsur@gmail.com)

*9 Dec 2024*

## CHECKLIST-CIVIL

IB No:

Opening of Bids:

Name of Project/Brief Description of Goods:			
PR:	Dated:	ABC	End User:
Name of Contractor/Supplier:			
Address:			
Contact Number:			
<b>ENVELOPE 1- ELIGIBILITY DOCUMENTS/TECHNICAL</b>			
<b>1. Class "A" Documents</b>			
<b>Legal Documents</b>			
<b>Technical Documents</b>			
a. Valid PhilGEPS Registration Certificate (Platinum Membership) with its corresponding Annex A.			
b. Statement of the prospective bidder of all its on-going government and private contracts, including contracts awarded but not yet started (7 calendar days before the bid opening), if any, whether similar or not similar in nature and complexity to the contract to be bid with supporting documents such as Notice of Award and/or Contract, Notice to Proceed, and Certificate of Accomplishment or Statement of Time Elapsed and Work Accomplished.			
c. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid for the last (3) years, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, that contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB. This Statement must be supported with the following: Contract/ Purchase Order, Certificate of Completion/ Acceptance or Inspection Report or Official Receipt, Validated Contractors/Constructors Performance Evaluation System (CPES) in DPWH website.			
d. Valid Philippine Contractors Accreditation Board (PCAB) License or Special PCAB License in case of Joint Ventures, and Registration for the type and cost of the contract to be bid.			
<b>Financial Documents</b>			
e. The prospective bidder's computation of Net Financial Contracting Capacity (NFCC). However, in the case of procurement of Goods, a bidder may submit a committed Line of Credit from a Universal or Commercial Bank, in lieu of its NFCC computation. <b>(Note: K=15)</b>			
<b>2. Class "B" Documents</b>			
a. For Infrastructure Projects, Joint Venture bidders shall submit a Joint Venture Agreement in accordance with R.A. 4566 and its IRR. Each partner of the joint venture shall submit their respective PhilGEPS Certificates of Registration in accordance with Section 8.5.2 of this IRR. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: Provided, that the partner responsible to submit the NFCC shall likewise submit the Statement of all of its ongoing contracts and Audited Statements.			
<b>TECHNICAL PROPOSAL</b>			
1. Original copy of Bid Security in the form of the following:			
<input type="checkbox"/> Cash or Cashier's/ Manager's check (2%) <input type="checkbox"/> Bank Guarantee/ Draft or Irrevocable Letter of Credit (2%) <input type="checkbox"/> Surety Bond callable upon demand (5%) <input type="checkbox"/> Bid Securing Declaration (in the prescribed form)			
2. Project Requirements, which shall include the following:			
a. Organizational chart for the contract to be bid			
b. List of contractor's personnel (viz., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualifications and experience data;			

	<p>c. List of contractor's equipment units, which are owned, leased, and/or under purchase agreements, supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project;</p>
	<p>3. Original Duly Signed Omnibus Sworn Statement (OSS) by the prospective bidder or its duly authorized representative; 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.</p>
	<p>4. Other documents/materials to comply with other non-discretionary criteria and requirements as stated in the instruction to Bidders:</p> <ul style="list-style-type: none"> <li>• Construction Methods</li> <li>• Construction schedule and S-Curve</li> <li>• Pert-CPM</li> <li>• Manpower Utilization</li> <li>• Equipment Utilization</li> <li>• Construction Safety &amp; Health Program</li> <li>• Duly Notarized Affidavit of Site Inspection</li> <li>• Duly Notarized Certification as to Compliance to Labor Laws and Standard</li> </ul>
	<p>QUALIFIED</p>
	<p>DISQUALIFIED</p>
<p><b>ENVELOPE 2- FINANCIAL PROPOSAL</b></p>	
	<p>1. Duly Signed Financial Bid Form</p>
	<p>2. Duly Signed Bid Prices in the Bill of Quantities</p>
	<p>3. Duly Signed Detailed Estimates</p>
	<p>4. Duly Signed Cash Flow by Quarter and Payment Schedules</p>

# **SECTION X.**

## **OTHER DOCUMENTS**

- 1) Purchase Request
- 2) Statement of all On-going Government & Private Contracts including Contracts awarded but not yet started (Prescribed Form)
- 3) Statement of Single Largest Completed Contract (Prescribed Form)
- 4) Bid Securing Declaration (Prescribed Form)
- 5) Omnibus Sworn Statement (Prescribed Form)
- 6) Bid Form Prescribed Form)
- 7) Resolution No. 001 Series of 2018 / Three-Strike Policy
- 8) Resolution No. 007 Series of 2022
- 9) TWG – Checklist for Bid Evaluation
- 10) TWG – Checklist for Post Qualification



# Statement of all On-going Government & Private Contracts including Contracts awarded but not yet started

Name of Project / Contact : \_\_\_\_\_

IB No. \_\_\_\_\_

Location: \_\_\_\_\_

Name of Contract / Location	a)Owner's Name b)Address c)Telephone No.	Nature of Work	Bidder's Role		a) Amount at award b) Duration	a)Date Awarded b)Date Started c)Target Completion Date	% of Accomplishment		Value of Outstanding Works/Undelivered Portion
			Description	%			Planned	Actual	
Government									
Private									
<b>Total Cost</b>									<b>P</b>

Note: This Statement shall be supported with:

1. Notice of Award and/or Contract
2. Notice to Proceed issued by the Procuring Entity
3. Certificate of Accomplishments signed by the owner or authorized representative

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

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

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

I

### Statement of Single Largest Completed Contract (SLCC)

(Similar in Nature for the Last 3 years)

Name of Project/Contract: \_\_\_\_\_

IB No. \_\_\_\_\_

Location: \_\_\_\_\_

Name of Contract / Location Project Cost	a)Owner's Name b)Address c)Telephone No.	Nature of Work	Bidder's Role		a) Amount at Award b) Amount at Completion c) Duration	a) Date Awarded b) Date Started c) Date of Completion
			Description	%		

Note: This statement shall be supported with:

1. Contract/Purchase Order
2. Certificate of Completion/Acceptance or Inspection and Acceptance Report or Official Receipts

Submitted by: \_\_\_\_\_

(Printed Name & 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;

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

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

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

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

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

## 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: *[Insert name and address of the Procuring Entity]*

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]*

# Bid Form for the Procurement of Infrastructure Projects

*[shall be submitted with the Bid]*

## BID FORM

Project Identification No. : \_\_\_\_\_

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

To: *[name and address of Procuring Entity]*

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 a 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 guidelines<sup>1</sup> 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

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

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].

- I. 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: \_\_\_\_\_

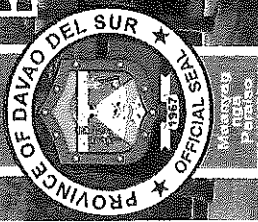
# PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)  
Telefax: (082) 553-9579

Website: [www.davaodelsur.gov.ph/pgo-bac](http://www.davaodelsur.gov.ph/pgo-bac)

Email Add.: [bac.davaodelsur2@gmail.com](mailto:bac.davaodelsur2@gmail.com)/[spac@davaodelsur@gmail.com](mailto:spac@davaodelsur@gmail.com)

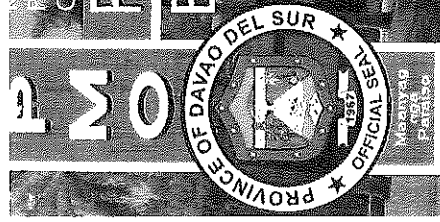
*Isang Davao del Sur*



## TWG – CHECKLIST FOR BID EVALUATION

IB No.	Name of Project:	FINDINGS	REMARKS
	<b>Contractor:</b>		
	<b>ITEMS:</b>		
	1. Bid Amount (both in words and in figure) must be below ABC.		
	2. Bill of Quantities submitted by the contractor must conform with the Bill of Quantities issued by the End-User.		
	3. Detailed Estimates		
	A. Check mathematical computation in the Detailed Estimates		
	B. The amount in the Detailed Estimates must be reconciled with the amount in the summary of bid and the quantities in the BOQ.		
	C. Allowance for waste and/or losses, not to exceed 5% of materials equipment.		
	D. Mobilization and demobilization shall not exceed 1% of the Estimated Direct Cost (EDC) of the civil works items.		
	E. Overhead expenses must be within the range of %-11% of the EDC.		
	F. Contingencies must be within the range of 0.5%-3% of the EDC.		
	G. Miscellaneous expenses must be within the range of 0.5%-1% of the EDC.		
	H. Contractor's Profit Margin shall be 8% of the EDC for projects above 5 million and <b>10% for the projects 5 million and below.</b>		
	I. VAT Component shall be 5% of the sum of the EDC, OCM, and Profit.		
	J. The following non-civil work items shall not be subjected to OCM mark-up:		
	1. Field/ Laboratory Office & Living Quarters (Rental Basis)		
	2. Furnishing of Furniture, Laboratory Equipment, Survey Equipment and Consumables		
	3. Assistance to the Engineers		
	4. Photographs		
	5. <b>Health and Safety</b>		
	2. Traffic Management		
	3. Environmental Compliance		
	4. Communication Equipment		
	5. <b>Project Billboard, etc.</b>		





PROVINCE OF DAVAO DEL SUR  
Office of the Governor

# PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)  
Teletax: (082) 553-9579

Website- [www.davaodelsur.gov.ph/pgo-bac](http://www.davaodelsur.gov.ph/pgo-bac)

Email Add.: [bac.davaodelsur2@gmail.com](mailto:bac.davaodelsur2@gmail.com)/[sbacdavaodelsur@gmail.com](mailto:sbacdavaodelsur@gmail.com)

*Agas Davao del Sur*

K. The following items shall not be subjected to OCM and Profit mark-up:		
<b>A. Mobilization and demobilization</b>		
B. Provision of Service Vehicle		
<b>C. Permits and Clearances</b>		
<b>4. Bid Security</b>		
A. Cash or Cashier's/ Manager's check (2%)		
B. Bank Guarantee/ Draft or Irrevocable Letter of Credit (2%)		
C. Surety Bond callable upon demand (5%)		
<b>D. Bid Securing Declaration (must be in prescribed form, 15 days)</b>		
E. Cash Flow by quarter and payment schedule (check mathematical computation against the bid amount)		

# PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

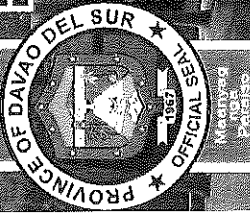
Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)

Telefax: (082) 553-9579

Website: www.davaodelsur.gov.ph/pgo-bac

Email Add: bac.davaodelsur@gmail.com/sbaodavodelsur@gmail.com

*9 Days Power id Sur*



## TWG – CHECKLIST FOR POST QUALIFICATION

IB. No.	Name of Project:	FINDINGS	REMARKS
	<b>Contractor:</b>		
	<b>TECHNICAL DOCUMENTS:</b>		
	1. Not a Blacklisted Contractor per GPPB Website		
	2. Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives must be valid (Company Name and Validity)		
	3. Mayor's/ Business permit must be valid (Company Name and Validity)		
	4. Tax Clearance must be valid (Company Name and Validity)		
	5. PhilGEPS Registration (Platinum Membership) must be valid (Company Name and Validity)		
	6. Valid Philippine Contractors Accreditation Board or Special PCAB License in case of Joint Ventures (PCAB)		
	7. Statement of all on-going government and private contracts including awarded but not yet started		
	A. Complete attachments		
	I. Notice of Award		
	II. Contract		
	III. Notice to Proceed		
	IV. Contract Extension, if any;		
	V. Statement of Work Accomplishment duly signed by the Procuring Entity		
	B. Evaluate the projects, if any;		
	i. Verify Target Date of Completion		
	ii. Must not incur Negative Slippage of more than fifteen percent (15%) in any one project or a negative slippage of more than ten percent (10%) in each two (2) or more contracts.		
	C. Verification of on-going projects via DPWH portal		
	8. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid for the last (3) years, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, that contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.		
	Must be supported with the following:		
	A. Contract / Purchase Order		
	B. Certificate of Completion / Acceptance or Inspection Report or Official Receipt		
	C. Validate Contractors/Constructors Performance Evaluation System (CPES) in DPWH website.		



# PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods) 0948-768-5848 (Infra)  
Telefax: (082) 553-9579

Website: [www.davaocelebr.gov.ph/pgoo-bac](http://www.davaocelebr.gov.ph/pgoo-bac)

Email Add.: [bac.davaodelsur2@gmail.com](mailto:bac.davaodelsur2@gmail.com) / [sbacdavaodelsur@gmail.com](mailto:sbacdavaodelsur@gmail.com)

*Jose Davao del Sur*

9. Omnibus Sworn Statement must be in prescribed form (1 to 9) and duly notarized		
10. Net Financial Contracting Capacity (NFCC) must be reconciled with the Audited Financial Statements		
11. Income Tax Return as of 2020		
12. Business Tax Return Quarterly or Monthly as of 2021		
13. Construction Methods must conform with the approved plan		
14. Construction schedule and S-Curve must conform with the prescribed contract duration and the bid amount		
15. PERT-CPM must conform with the contract duration		
16. Manpower Utilization must conform with the POW		
17. Equipment Utilization must conform with the POW		
18. Duly Notarized Affidavit of Site Inspection		
19. Duly Notarized Compliance to Existing Labor Laws and Standards		

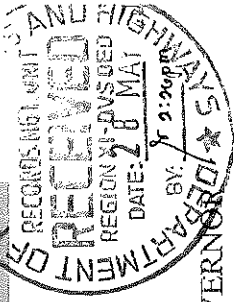


Republic of the Philippines  
**PROVINCE OF DAVAO DEL SUR**  
 Barangay Matti, Digos City

*SAN WICERAND D. YBAÑEZ*  
 5/28/18

OFFICE OF THE SPECIAL BIDS AND AWARDS COMMITTEE (SBAC)

**Resolution NO. 001**  
 Series of 2018



A RESOLUTION

RECOMMENDING TO THE HEAD OF THE PROCURING ENTITY, GOVERNOR ROBERTO DOUGLAS RA. CAGAS, LLB, MBE, MNSA TO ADOPT THE 3-STRIKE POLICY IN THE PROCUREMENT OF CONTRACTS FOR INFRASTRUCTURE WORKS OF THE PROVINCIAL GOVERNMENT OF DAVAO DEL SUR.

**WHEREAS**, the Provincial Government of Davao del Sur encounters several failures of biddings due to constant errors committed by the participating Bidders in the submission of their bidding documents despite of the orientation during Pre-bid Conference and the Instruction to Bidders;

**WHEREAS**, to further strengthen the integrity of the competitive bidding process, the Special Bids and Awards Committee together with the Members of the Technical Working Group Unanimously agreed that the following instructions are hereby issued pertaining to the implementation of the 3-Strike Policy of the Provincial Government of Davao del Sur against violations of Section 69 of the IRR of RA 9184;

1. The provision of Section 69.1 of the said IRR, pertaining to 3-Strike policy of the Provincial Government of Davao del Sur, is hereby reiterated as follows:

*“The addition to the provision of Rules XXI and XXII of this IRR, the Head of the Procuring Entity subject to the authority delegated to the SBAC, if any, shall impose on bidders or prospective bidders, the administrative penalty of suspension for one (1) year for the first offense, and suspension of two(2) years for the second offense from participating in the competitive bidding process, as well as disqualification from further participating in the competitive bidding being undertaken by the Procuring Entity concerned, where applicable, for the following violations: 69.1.i All other acts that tend to defeat the purpose of competitive bidding, such as habitually withdrawing from bidding, submitting late bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.”*

2. The violations enumerated, which are considered as acts that tend to defeat the purpose of competitive bidding under the 3-Strike policy, are hereby clarified to read as follows:


- 2.a A Bidder that had purchased bidding documents, but subsequently (a) withdrawn from the bidding or (b) submitted a letter of non-participation, or (c) did not submit a bid – without a valid cause, as determined by the Special Bids and Awards Committee (SBAC).
- 2.b Submission of erroneous, insufficient, defective documents such as, but not limited to, insufficient bid securities, any computational/typographical error in the submitted bidding documents and other deficiencies which causes bid disqualification;
- 2.c Non-submission of post-qualification and other requirements within the prescribed period as specified in the notice issued by the SBAC;


*[Signature]*  
*[Signature]*  
**1 LOVE DAVAO DEL SUR**




**OFFICE OF THE SPECIAL BIDS AND AWARDS COMMITTEE (SBAC)**

3. Each "offense" by a bidder referred to in Section 69.1.i of the IRR, as stated in the said Resolution no. 001 dated April 24, 2018, consists of three violations or strikes within a period of one year starting from the date of the first strike, for all procurements by all offices of the Provincial Government of Davao del Sur;
4. Every time a bidder is observed to have done any of the three acts enumerated in Item 2 of par. a b & c of this Resolution No. 001 dated April 24, 2018, the Chairperson of the SBAC shall immediately serve a written notice to the bidder informing him of his act, and giving him five (5) days to show cause why he should not be sanctioned committing an act which tends to defeat the purpose of public bidding under the 3-Strike policy of the Provincial Government of Davao del Sur;
5. Based on the evaluation by the SBAC of the bidder's response to the show-cause notice mentioned in Item No. 4 of this Resolution, the SBAC shall, within seven (7) days from receipt of the bidder's response determine whether the bidder's act was done with or without a valid cause.
6. The SBAC Secretariat shall submit to the SBAC a 3-Strike Policy Report, which shall contain the information in item 3 and 4 of this Resolution. The Report must be received by the SBAC through its Chairperson within fifteen (15) days after the date of opening of the bids;
7. The SBAC through its Secretariat shall monitor the participation of bidders in all of its projects and maintain a tally of violations by each bidder of the 3-Strike policy in its jurisdiction as well as of the violations by the bidder of the said policy in other offices of the Provincial Government of Davao del Sur.
8. Based on the 3-Strike reports, the Special Bids and Awards Committee, shall recommend to the Head of the Procuring Entity, for approval, the following administrative sanctions on the erring contractor/Supplier for the violation of the 3-Strike policy:
  - a. For the first violation or strike – a first warning.
  - b. For the second strike – a second warning.
  - c. For the third strike, which together with the first two strikes constitutes the first offense against the 3- strike policy – an administrative penalty of suspension for one (1) year from participating in any procurement process in the Provincial Government of Davao del Sur.
  - d. For the second offense- the second set of three strikes committed by the bidder- an administrative penalty of suspension for two (2) years from participating in any procurement process in the Provincial Government of Davao del Sur.

 **WHEREFORE**, on motion of SBAC Member, Engr. Roderick R. Milana, duly seconded by all the SBAC Members present, it was –

 **RESOLVED**, as it is hereby **RESOLVED**, to recommend to the Head of the Procuring Entity, DOUGLAS RA. CAGAS, LLB, MBE, MNSA to **ADOPT** the **3-Strike Policy in the Procurement of Contracts for Infrastructure Works of the Provincial Government of Davao del Sur**.

 **RESOLVED FINALLY**, to furnish copies of this Resolution to the Provincial General Services Office, Commission on Audit, Concerned End Users, and Various Suppliers/Bidders, for their information and appropriate action;



**OFFICE OF THE SPECIAL BIDS AND AWARDS COMMITTEE (SBAC)**

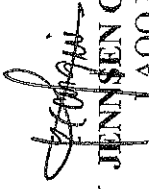
SBAC RESOLUTION NO. 001, S. 2018

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**UNANIMOUSLY APPROVED** at the Provincial Planning and Development Office, Conference Room, Room 13, Executive Building, Capitol Compound, Matti, Digos City, Province of Davao del Sur, this 24<sup>th</sup> day of April, 2018.


I hereby certify the correctness of above-mentioned resolution.

  
**GYPSY JENNESSEN C. ARQUIO**  
LAOO I  
Head, SBAC Secretariat


Attested by:

  
**GERALDINE S. LANO**  
PGDH-Provincial Social-Welfare Officer  
SBAC Member

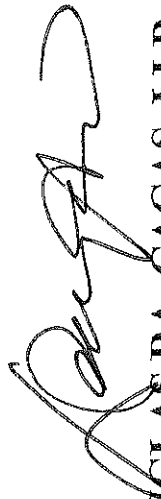
  
**RAUL R. FUECONCILLO**  
PGDH-Provincial Agriculture  
SBAC Member

  
**DANILO P. CADUNGOG**  
(PGDH-PCO)  
SBAC Member

  
**Engr. RODERICK R. MILANA, REA**  
HRMO IV, PGO-HRMO  
SBAC Vice Chairperson

  
**DESSAMIE BUATO SANCHEZ, CPA**  
Provincial Budget Officer  
SBAC Chairperson – Presiding Officer

Approved:

  
**DOUGLAS RA. CAGAS, LLB, MBE, MNSA**  
Governor  
Head of the Procuring Entity





REPUBLIC OF THE PHILIPPINES  
PROVINCE OF DAVAO DEL SUR  
Barangay Matti, Digos City, Davao del Sur  
Email: sbacdavadosur@gmail.com  
Mobile Number: 0948 783 5248

EXCERPT FROM THE MINUTES OF THE REGULAR MEETING OF THE SPECIAL BIDS AND AWARDS COMMITTEE HELD ON JANUARY 05, 2022, 10:30 A.M., AT THE RALOTA HALL OF THE GOVERNOR DOUGLAS RALOTA CAGAS SPORTS AND BUSINESS COMPLEX, BRGY. MATTI, DIGOS CITY, AND VIA VIDEOCONFERENCE ON GOOGLE MEET, WITH ROOM ID: roc-epis-vyp (<http://meet.google.com/roc-epis-vyp>)

Present:

Dessamla Buat- Sanchez, GPA, JD  
Engr. Roderick R. Milana, REA  
Geraldine S. Lano, RSW, MPA  
Raul R. Fuescancillo, MagDav  
Engr. Leoneri March P. Suarrio  
Engr. Leofer C. Alviola  
Engr. Luzviminda C. Cortejos  
Emmanuel Q. Escarcha  
Gypsy Jennsen C. Arquio  
Engr. Shiela Mae A. Zapanta, MPA  
Mark Wayne C. Apa, MBA

SBAC Chairperson - Presiding Officer  
SBAC Vice- Chairperson  
SBAC Member  
SBAC Member  
SBAC Member  
SBAC- TWG Member  
SBAC- TWG Member  
SBAC- TWG Member  
Head- SBAC Secretariat (on study leave)  
Member - SBAC Secretariat  
Member - SBAC Secretariat

Quorum

Resolution No. 007  
Series of 2022

#### A RESOLUTION

**RECOMMENDING TO THE HEAD OF THE PROCURING ENTITY, GOVERNOR MARC DOUGLAS IV G. CAGAS, TO DECLARE BIDDERS WHO FAILED TO DISCLOSE ALL ON-GOING PROJECTS AS DISQUALIFIED, AFTER FINDING SUCH NON-INCLUSION DURING POST-QUALIFICATION OF BIDDERS BY THE SBAC TECHNICAL WORKING GROUP (TWG)**

Be it enacted by the SBAC MEMBERS in meeting assembled:

**WHEREAS**, in line with the Provincial Government of Davao del Sur's initiative to fast-track the procurement transactions of the Province, the Special Bids and Awards Committee hereby adopts this Resolution to produce Contractors with integrity and truthfulness in their submitted bid;

**WHEREAS**, item number 2 of GPPB NPM 111-2013 states that, "Failure to include all on-going and completed contracts in the Statement may be a ground for disqualification for being incomplete, and may also result in blacklisting if proven that such failure amounts to submission of false information or false documents. The submission of the eligibility documents enumerated in Section 23.1 of the IRR is a mandatory requirement that must be complied with by prospective bidders, such that failure to submit any of the documents or the submission of an otherwise incomplete or patently insufficient document, will disqualify the bidder based on the non-discretionary "pass/fail" criterion under Section 30.1 of the IRR."

IN ADDITION, GPPB NPM 005-2018 states that, "Failure to declare an on-going government and private contract, including contracts awarded but not yet started, if any,

SBAC Resolution No. 007 Series of 2022

Page 1 of 3

*[Handwritten signatures and initials]*

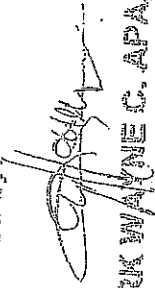
whether similar or not similar in nature and complexity to the contract to be bid is a ground for disqualification. These contracts, as reflected in the "Statement of all on-going contracts", are vital to the computation of the Net Financial Contracting Capacity of the bidder, and they are necessary information during the post-qualification stage to verify, validate and ascertain the technical qualification of the Lowest Calculated Bidder for the ultimate determination whether it is the Lowest Calculated and Responsive Bidder";

WHEREFORE, after thorough deliberation, SBAC Vice-Chairperson Milana duly seconded by SBAC Member Fueconcillo, it was-

RESOLVED, as it is hereby RESOLVED, to recommend to the HEAD OF PROCURING ENTITY, GOVERNOR MARC DOUGLAS W. C. CAGAS, TO DECLARE BIDDERS WHO FAILED TO DISCLOSE ALL ONGOING PROJECTS AS DISQUALIFIED AFTER FINDING SUCH NON-INCLUSION DURING POST-QUALIFICATION OF BIDDERS BY THE SBAC TECHNICAL WORKING GROUP (TWG);

RESOLVED FINALLY, to furnish copies of this Resolution to all agencies concerned for their information and guidance.

UNANIMOUSLY APPROVED,  
Prepared by,




MARK WAYNE C. APA, MBA  
LAOO II  
SBAC Secretariat Member


I hereby certify to the correctness of above-mentioned resolution

Engr. SHIELA MAE ZAPANTA, MPA  
Agricultural Technologist  
SBAC Secretariat Member


Attested by:



GERALDINE S. LANO, RSW, MPA  
PGDH-Provincial Social Welfare Officer  
SBAC Member



RAUL E. FUECONCILLO, MagDev  
PGDH-Provincial Agriculturist  
SBAC Member



Engr. LEONEL MARCH P. SUARIO  
PGDH-Provincial Engineer  
SBAC Member



Engr. RODERICK R. MILANA, REA  
PGDH-Provincial Assessor  
SBAC Vice-Chairperson





*AS*

DESSAMIE BUAT-SANCHEZ, CPA, JD  
PGDH - Provincial Budget Officer  
SBAC Chairperson - Presiding Officer

Approved by:

MARC DOUGLAS IV C. CAGAS

Governor  
Head of Procuring Entity

BY AUTHORITY OF THE GOVERNOR  
*Marc Douglas IV C. Cagas*  
CHRISTOPHER E. TAN  
SECRETARY IV  
OFFICE OF THE PROVINCIAL GOVERNMENT

*[Signature]*

*[Signature]*

SBAC Resolution No. 017 Series of 2022  
Page 3 of 3

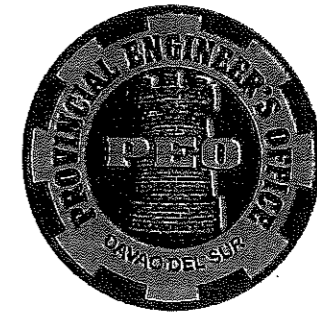
*[Signature]*

*[Signature]*

*[Signature]*



REPUBLIC OF THE PHILIPPINES  
PROVINCE OF DAVAO DEL SUR  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR



DETAILED ARCHITECTURAL AND ENGINEERING DESIGN

**REPAIR/IMPROVEMENT OF TABLIZO GYM**  
LOCATION: CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR

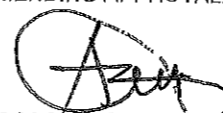
**PROJECT DESCRIPTION**

GYM FLOOR AREA:  $\pm$  1070.00 sq.m.  
STAGE FLOOR AREA:  $\pm$  218.00 sq.m.  
RESTROOM FLOOR AREA:  $\pm$  77.00 sq.m.

SUBMITTED:

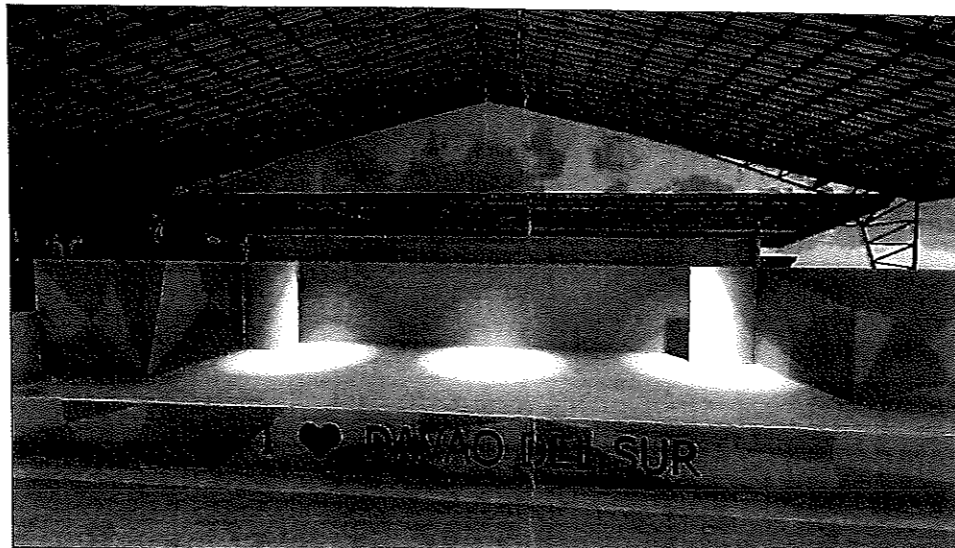
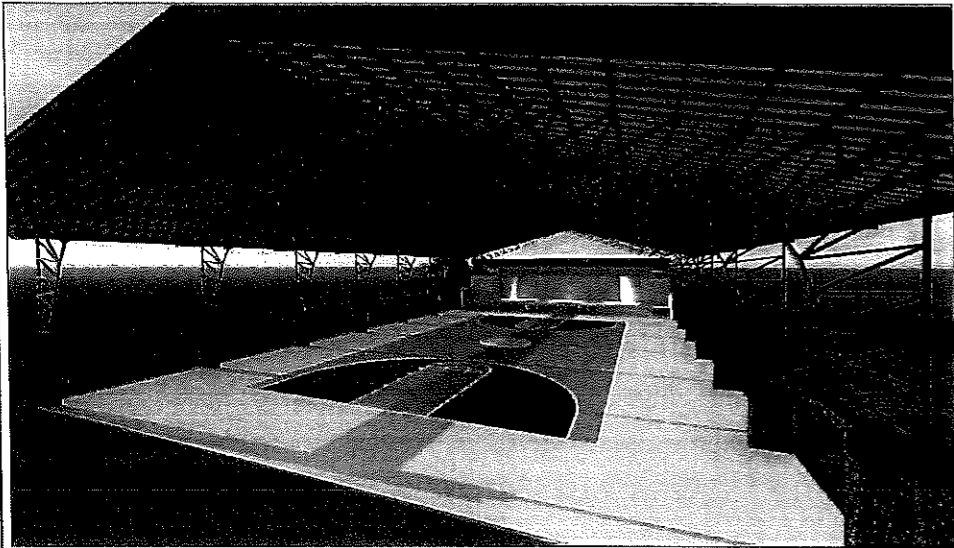
  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

RECOMMENDING APPROVAL:

  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED:

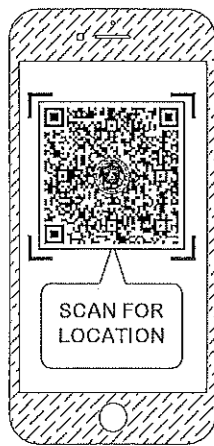
  
**YVONNE RONA CAGAS**  
Provincial Governor



 **PERSPECTIVE**



 **LOCATION PLAN**  
SCALE



**TABLE OF CONTENTS**

Republic of the Philippines  
OFFICE OF THE BUILDING OFFICIAL

SHEET NO.	CONTENTS	SHEET NO.	CONTENTS
1/40	- PERSPECTIVE - LOCATION PLAN - TABLE OF CONTENTS	22/40	- TYPICAL CEILING FRAMING DETAIL - CEILING VENT DETAIL - ROOF TO PURLIN CONNECTION DETAIL - SPACING OF ROOF FASTENER
2/40	- SITE DEVELOPMENT PLAN	23/40	- DETAIL OF BACKDROP WALL - ROOF FASTENER SPACING DETAIL
3/40	- EXISTING FLOOR PLAN	24/40	- PROPOSED RESTROOM FLOOR PLAN - SCHEDULE OF DOORS & WINDOWS
4/40	- PROPOSED FLOOR PLAN	25/40	- RESTROOM FRONT ELEVATION - RESTROOM LEFT SIDE ELEVATION - RESTROOM RIGHT SIDE ELEVATION
5/40	- FRONT ELEVATION - REAR ELEVATION	26/40	- SECTION C-C - SECTION D-D
6/40	- RIGHT SIDE ELEVATION - LEFT SIDE ELEVATION	27/40	- SECTION E-E - CONCRETE SINK DETAIL - SLOP SINK DETAIL
7/40	- ROOF PLAN	28/40	- TOILET PARTITION DETAIL
8/40	- ROOF FRAMING PLAN	29/40	- RESTROOM REFLECTED CEILING PLAN - RESTROOM ROOF PLAN
9/40	- GENERAL CONSTRUCTION NOTES	30/40	- RESTROOM ROOF FRAMING PLAN - SCHEDULE OF R.C. ROOF BEAM
10/40	- GENERAL CONSTRUCTION NOTES	31/40	- TRUSS-1 DETAILS - DETAIL C - GUTTER DETAIL - PURLIN CONNECTOR DETAIL
11/40	- PLAY COURT FLOOR PLAN	32/40	- RESTROOM FOUNDATION PLAN - SCHED. OF R.C. FTB - SCHED. OF R.C. COLUMN - SCHED. OF R.C. FOOTING
12/40	- PLAY COURT ROOF PLAN	33/40	- LIGHTING LAYOUT
13/40	- PLAY COURT ROOF FRAMING PLAN - STEEL GIRT DETAIL	34/40	- POWER LAYOUT
14/40	- PROPOSED STAGE FLOOR PLAN - SCHEDULE OF DOORS & WINDOWS	35/40	- SCOPE OF WORKS - SCHEDULE OF LOADS AND COMPUTATIONS - SINGLE LINE DIAGRAM
15/40	- STAGE FRONT ELEVATION - STAGE REAR ELEVATION - STAGE RIGHT SIDE ELEVATION - STAGE LEFT SIDE ELEVATION	36/40	- GENERAL NOTES - STANDARD PIPE FITTINGS - JOINT DETAIL
16/40	- STAGE REFLECTED CEILING PLAN - STAGE ROOF PLAN	37/40	- WATER LINE LAYOUT - SANITARY LAYOUT
17/40	- STAGE ROOF FRAMING PLAN - SECTION A-A - DETAIL A	38/40	- WATERLINE RISER DIAGRAM
18/40	- DETAIL B - STAGE STAIR DETAIL - STAGE FOUNDATION PLAN	39/40	- SANITARY RISER DIAGRAM
19/40	- STIFFENER BEAM DETAIL - SCHEDULE OF R.C. COLUMN (STAGE) - SCHEDULE OF R.C. FOOTING	40/40	- SEPTIC VAULT DETAIL
20/40	- ST-1 DETAIL - ST-2 DETAIL - ST-3 DETAIL - WF-1 DETAIL - WF-2 DETAIL	40/40	- SUMMARY OF QTY - PROJECT BILLBOARD
21/40	- TYPICAL FOOTING DETAIL - SCHEDULE OF R.C. FOOTING - COL.-FTB CONNECTION DETAIL - COL.-RB CONNECTION DETAIL		

LAND USE & ZONING

LINE & GRADE

ARCHITECTURAL

STRUCTURAL

ELECTRICAL

MECHANICAL

REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**  
LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo, Order No. 22-2023)

APPROVED BY:  
**YVONNE ROMA CAGAS**  
Provincial Governor

**1**  
**40**

**SCOPE OF WORKS:**

**A. EXISTING PLAY COURT**

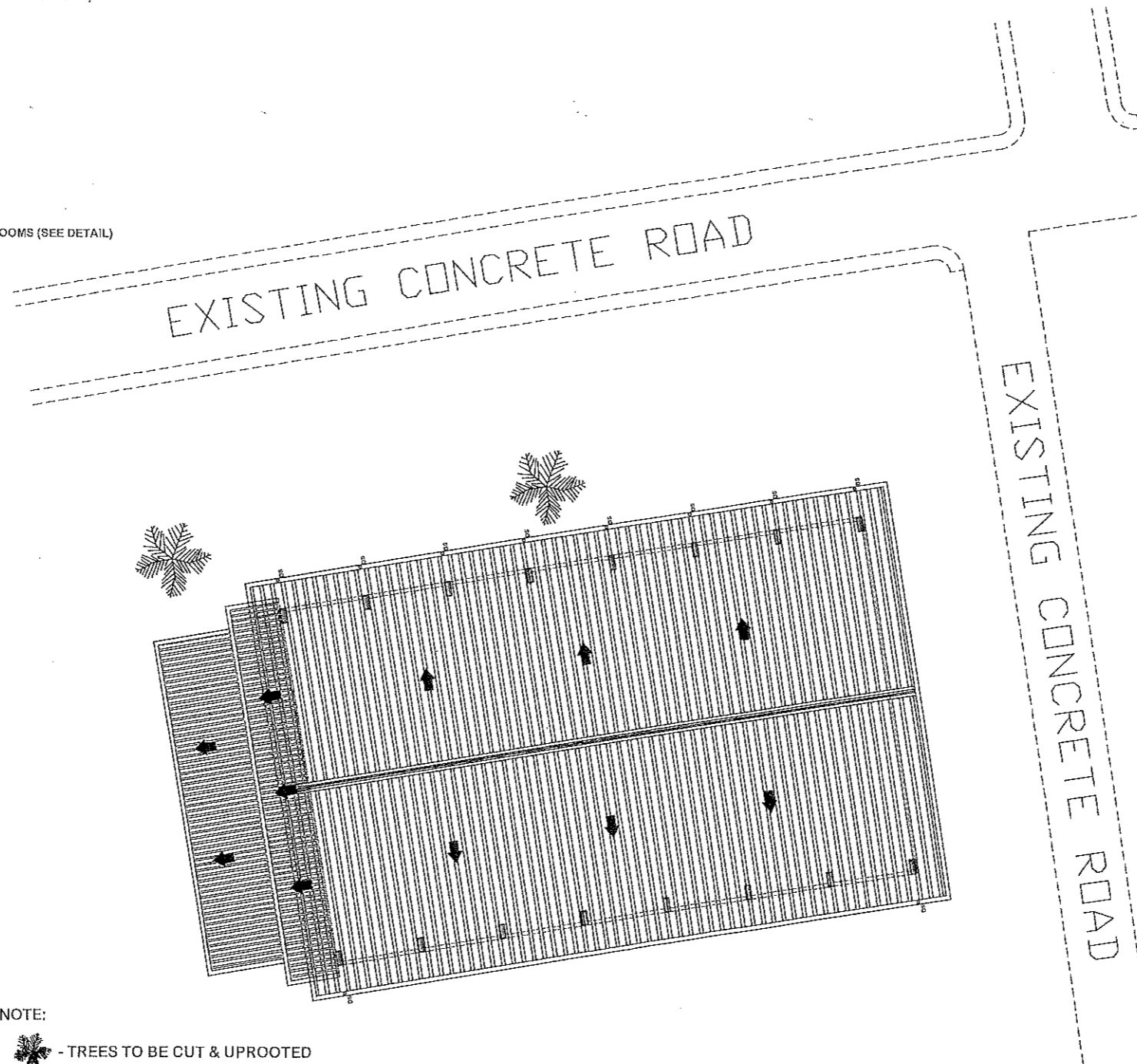
- CUTTING AND UPROOTING OF TREES (SEE SITE DEVELOPMENT PLAN)
- REMOVAL & REPLACEMENT OF ROOFING, GUTTERS, FLASHING AND DOWNSPOUTS (SEE DETAILS)
- REMOVAL & REPLACEMENT OF STEEL FASCIA (SEE DETAILS)
- REMOVAL & REPLACEMENT OF EXISTING GIRT (SEE DETAIL)
- REPAINTING OF ALL EXPOSED METAL STRUCTURES
- REPAINTING OF ALL EXPOSED CONCRETE SURFACES (INC. PLAY COURT BOUNDARY LINES)
- ELECTRICAL WORKS (SEE DETAIL)

**B. STAGE**


- REMOVAL & REPLACEMENT OF ROOFING (SEE DETAIL)
- EXPANSION OF EXISTING STAGE (SEE DETAIL)
- INSTALLATION OF BACKDROP WALLS (SEE DETAIL)
- REPAINTING OF ALL EXPOSED METAL STRUCTURES
- REPAINTING OF ALL EXPOSED CONCRETE SURFACES
- ELECTRICAL WORKS (SEE DETAIL)
- PAINTING WORKS

**C. RESTROOM**

- REMOVAL OF EXISTING COMFORT ROOMS
- CONSTRUCTION OF NEW RESTROOMS W/ MALE & FEMALE CR & SHOWER ROOMS (SEE DETAIL)
- PLUMBING WORKS (SEE DETAIL)
- ELECTRICAL WORKS (SEE DETAIL)
- PAINTING WORKS



NOTE:


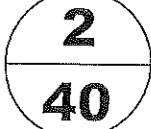
 - TREES TO BE CUT & UPROOTED

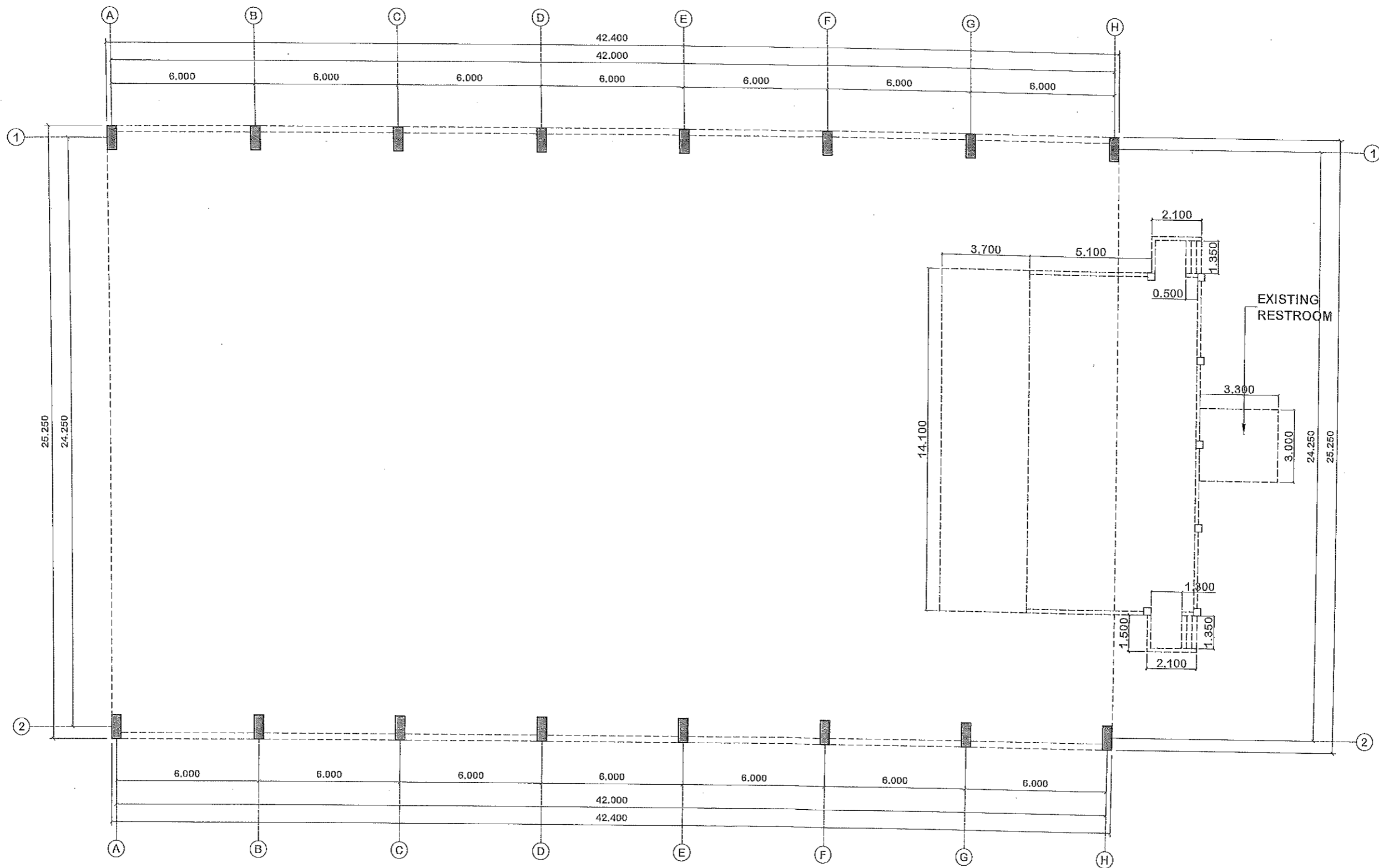


**SITE DEVELOPMENT PLAN**



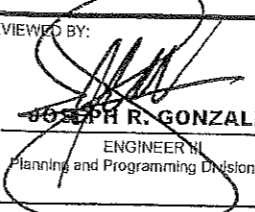
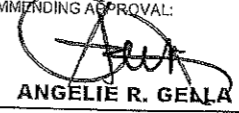

SCALE

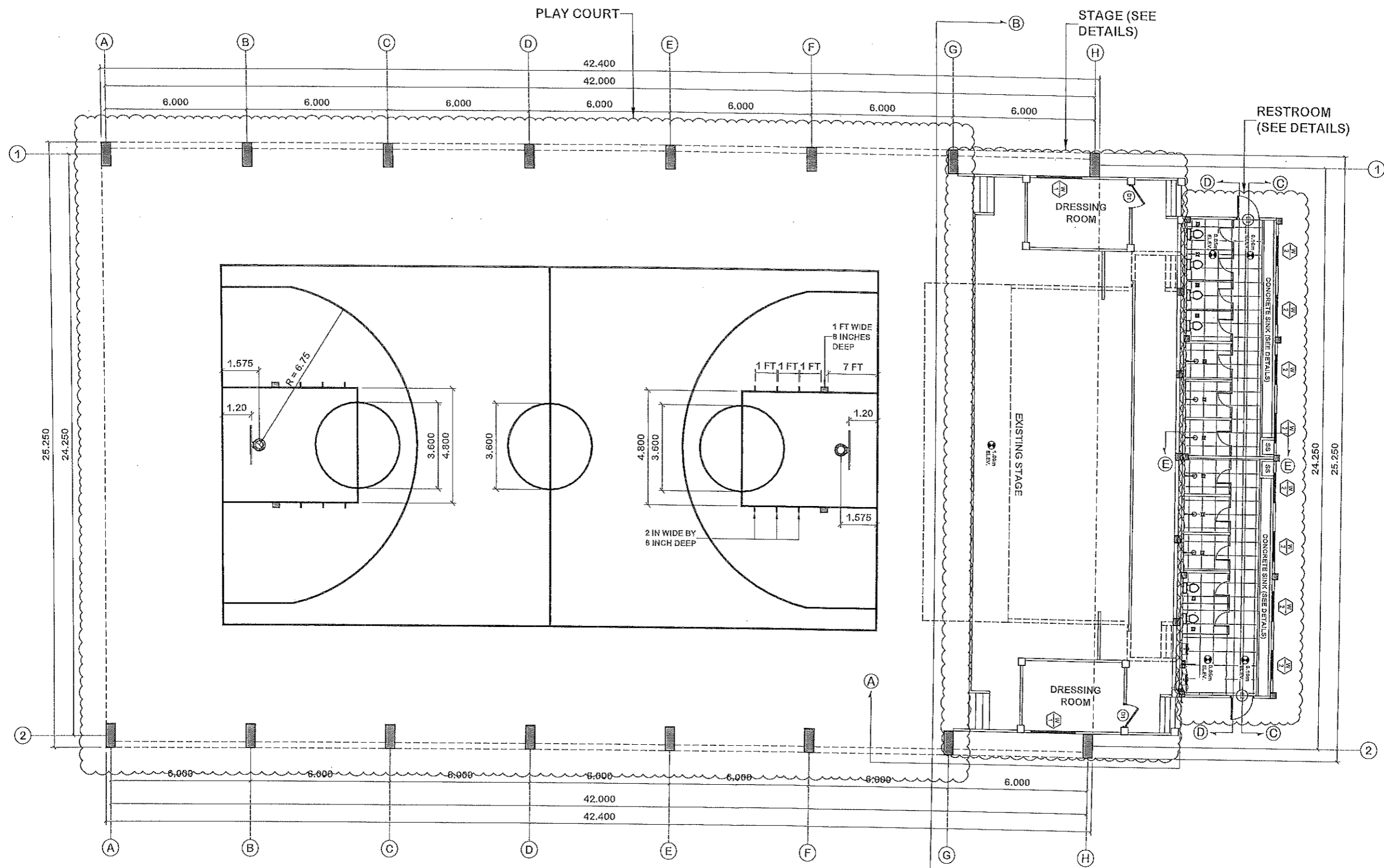
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 <p>REPUBLIC OF THE PHILIPPINES PROVINCIAL ENGINEER'S OFFICE SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE:	PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	
	<p><b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b></p>	<p><b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II</p>	<p><b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head</p>	<p><b>ANGELIE R. GELLA</b> PGAOH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)</p>	<p><b>YVONNE ROSA CAGAS</b> Provincial Governor</p>	




**EXISTING FLOOR PLAN**  
 SCALE 1:175

 <p>         REPUBLIC OF THE PHILIPPINES  <b>PROVINCIAL ENGINEER'S OFFICE</b>          SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR       </p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER II Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY:  <b>YVONNE RONA CAGAS</b> Provincial Governor	<div style="border: 2px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">3</span> <hr style="width: 80%;"/> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY,          DAVAO DEL SUR</b>					



**PROPOSED FLOOR PLAN**  
SCALE 1:175



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

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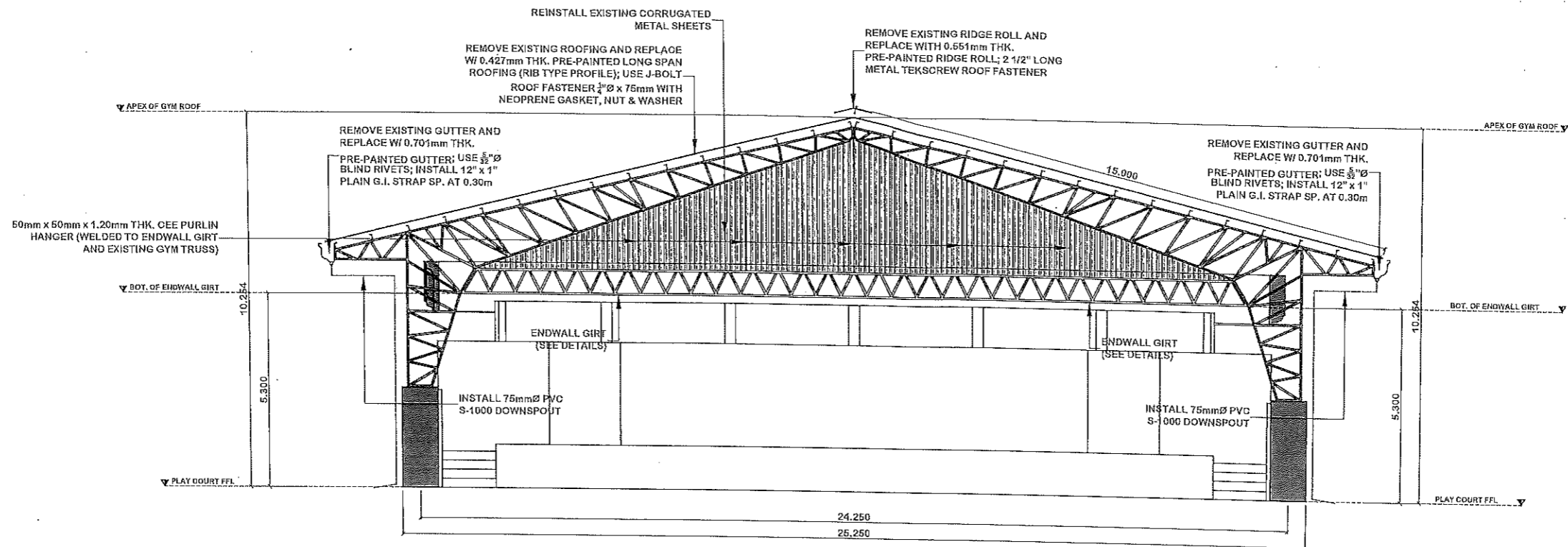
PREPARED BY:  
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ENGINEER II

REVIEWED BY:  
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ENGINEER III  
Planning and Programming Division Head

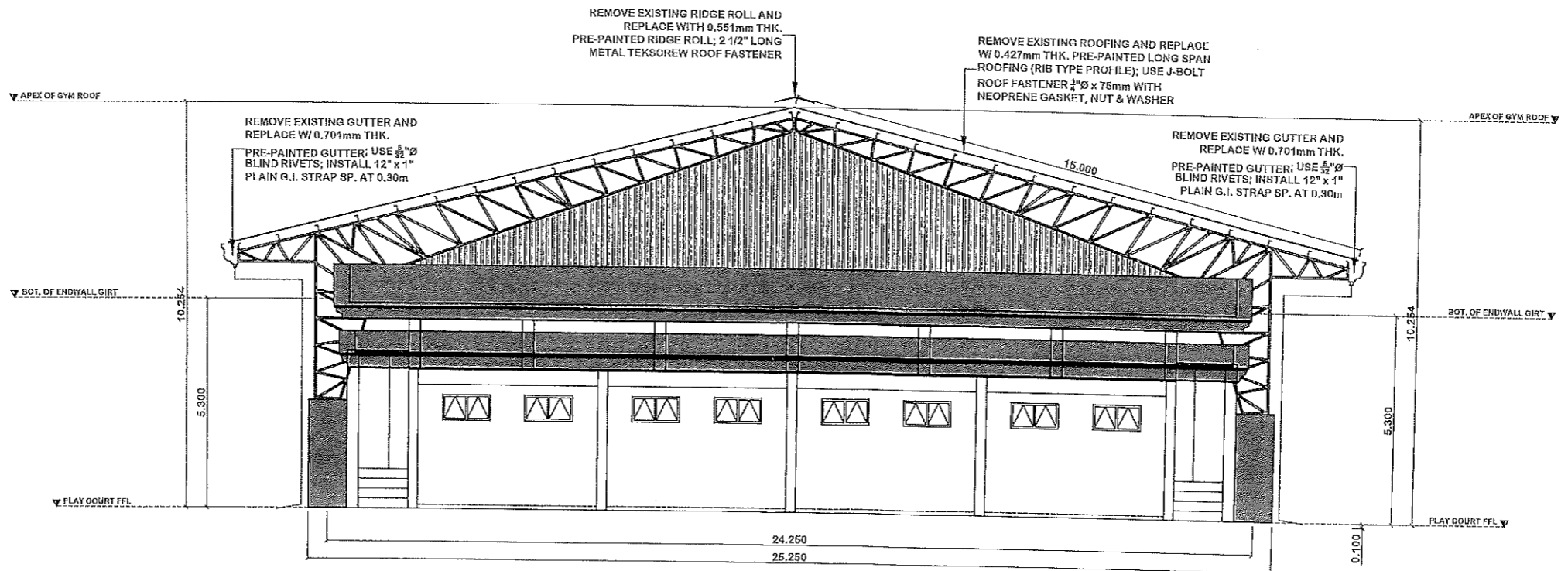
RECOMMENDING APPROVAL:  
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OIC - Provincial Engineer  
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APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

**4**  
**40**



**FRONT ELEVATION**  
SCALE 1:150



**REAR ELEVATION**  
SCALE 1:150



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

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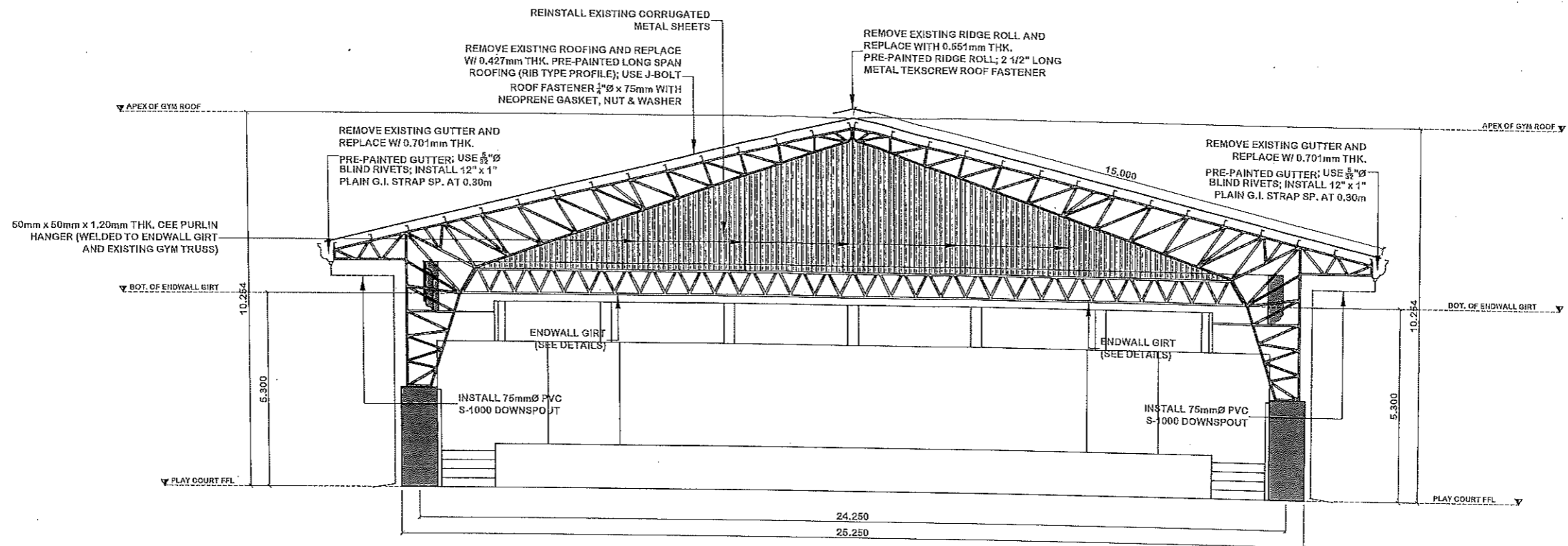
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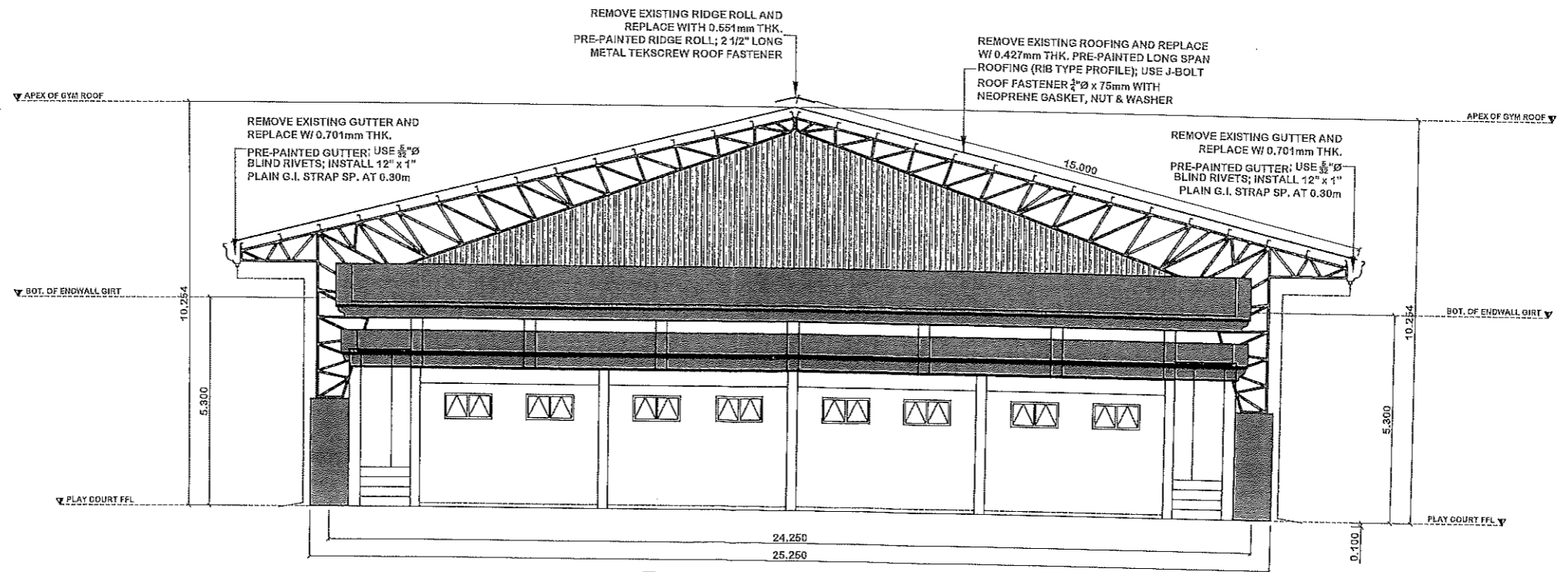
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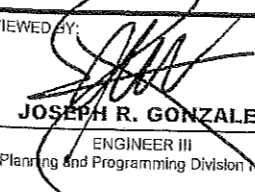
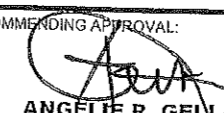

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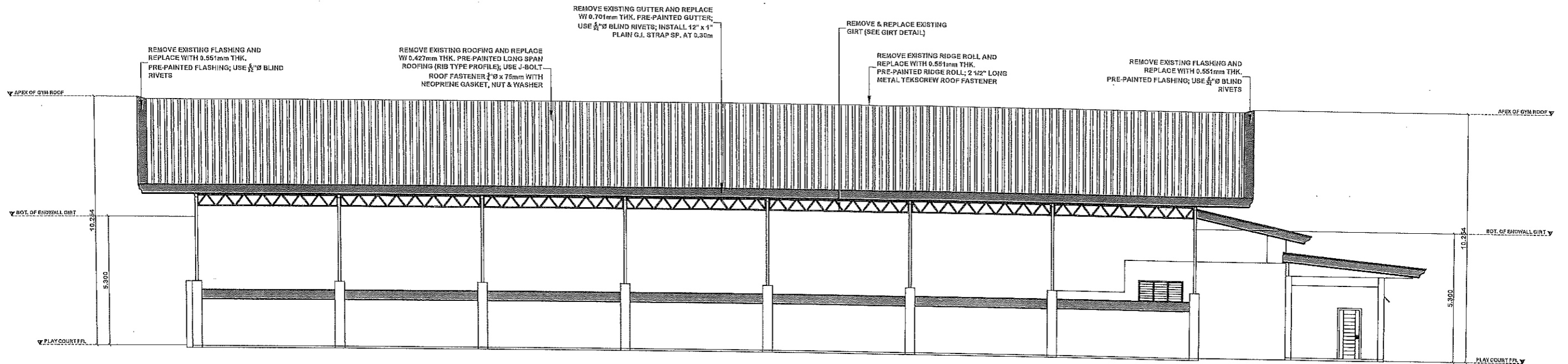
**FRONT ELEVATION**  
SCALE 1:150



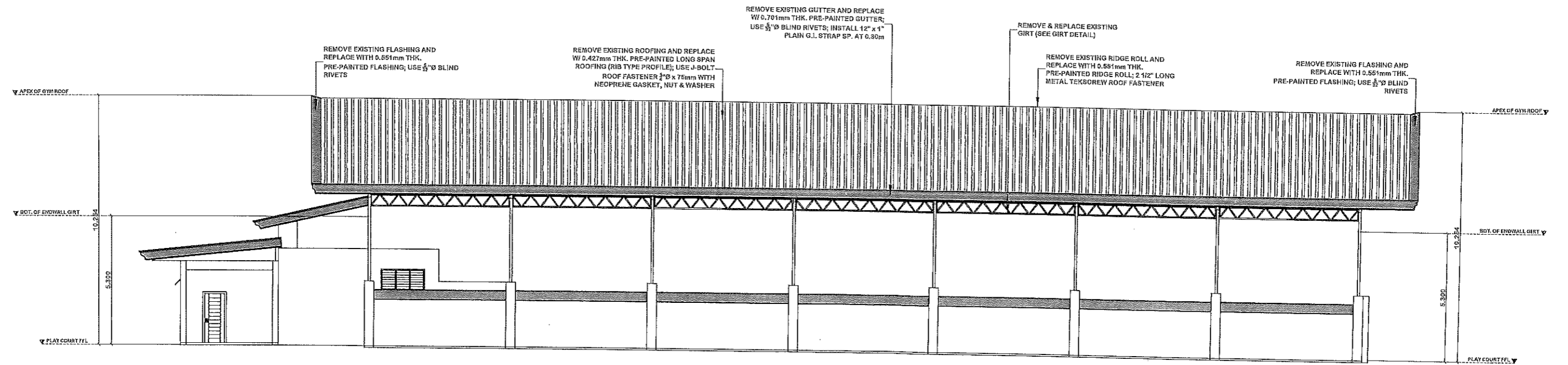
**REAR ELEVATION**  
SCALE 1:150

 <p align="center">REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY:  <b>YVONNE RAJA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; justify-content: center; align-items: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">5</span> <hr style="width: 100%;"/> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					





**RIGHT SIDE ELEVATION**  
SCALE 1:175



**LEFT SIDE ELEVATION**  
SCALE 1:175



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

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LOCATION:  
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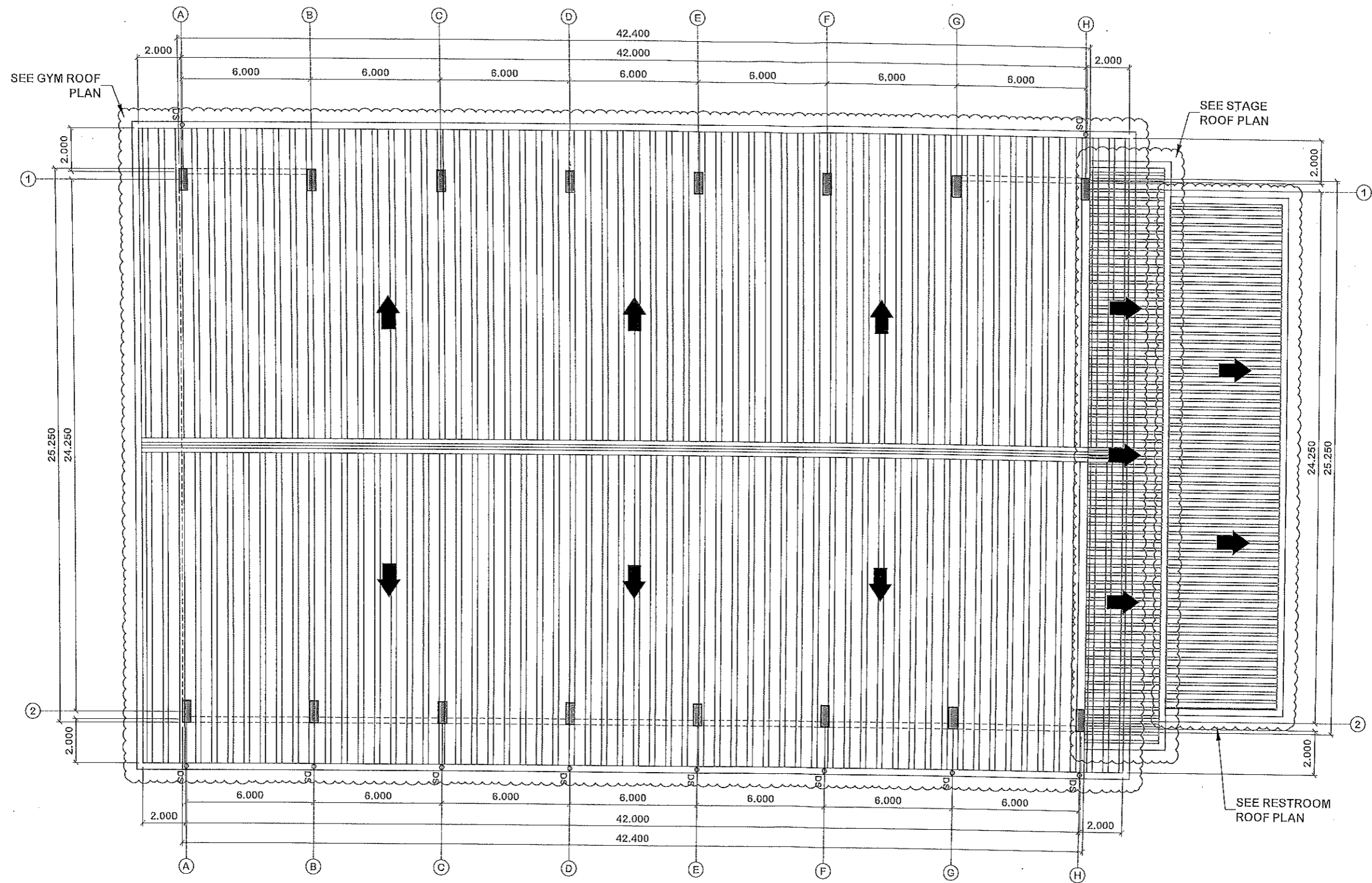
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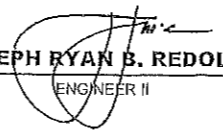
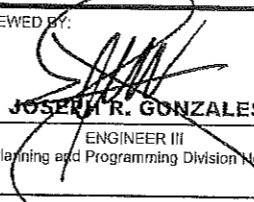
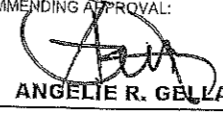
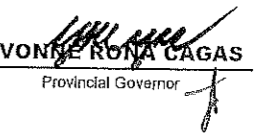
RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
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(As per Memo, Order No. 22-2023)

APPROVED BY:  
**YVONNE ROMA CAGAS**  
Provincial Governor

**6**  
**40**



**ROOF PLAN**  
SCALE 1:200

 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY:  <b>YVONNE RONA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">7</span> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY,          DAVAO DEL SUR</b>					



# GENERAL CONSTRUCTION NOTES

## GENERAL NOTES

### 1.0 STANDARDS AND REFERENCES

THE FOLLOWING SHALL GOVERN THE DESIGN FABRICATION AND CONSTRUCTION OF THE PROJECT.  
1.1 NATIONAL STRUCTURAL CODE OF THE PHILIPPINES (N.S.C.P 2015) VOL. 1, SEVENTH EDITION.

### 2.0 DESIGN CRITERIA

#### 2.1 LOADINGS

##### A. DEAD LOAD

CONCRETE	23.58 kN/m <sup>3</sup>
STEEL	76.93 kN/m <sup>3</sup>
150 mm THK. CHB WALL	2.73 kPa
100 mm THK. CHB WALL	2.11 kPa

##### B. LIVE LOAD

ROOF	1.00 kPa
TOILETS	1.90 kPa
CORRIDORS ABOVE, STAIRS	3.00 kPa
CORRIDORS ON GROUND	4.80 kPa

##### C. WIND LOAD

BUILDING CATEGORY = 1 (ESSENTIAL FACILITIES)  
EXPOSURE = D (FLAT, UNOBSTRUCTED AREAS AND WATER SURFACES)  
MAXIMUM WIND VELOCITY, V = 340 KPH

$$P = qh [(GCpf) - (GCpi)] \quad (\text{DESIGN WIND PRESSURE})$$

WHERE: qh = VELOCITY PRESSURE (kPa)  
GCpf = EXTERNAL PRESSURE COEFFICIENT  
GCpi = INTERNAL PRESSURE COEFFICIENT

##### D. SEISMIC LOAD

$$V = \frac{Cv}{RT} W \quad (\text{DESIGN BASE SHEAR})$$

$$V_{max} = \frac{2.50CaW}{RT} \quad V_{min} = 0.11 CaW$$

$$V_{min} = \frac{0.80 ZNv}{R} W \quad (\text{ZONE 4})$$

WHERE: W = TOTAL DEAD LOAD  
T = NATURAL PERIOD = CI (h)  
WHERE: C = NUMERICAL COEFFICIENT  
h = BUILDING HEIGHT  
I = IMPORTANCE FACTOR = 1.50  
R = NUMERICAL FACTOR = 8.50  
SEISMIC COEFFICIENT Cv = 0.44 Nv  
Ca = 0.64 Nv  
NEAR SOURCE FACTOR (5 km) Nv = 1.6  
Na = 1.2  
Z = SEISMIC ZONE = 0.40 (ZONE 4)  
S = SOIL TYPE = D

### 2.2 DESIGN STRESSES

#### A. CONCRETE COMPRESSIVE STRENGTH @ 28 DAYS:

a. FOOTINGS, COLUMNS, BEAMS AND SLABS	fc = 20.7 MPa (3,000 psi)
b. SLAB ON FILL	fc = 17.5 MPa (2,500 psi)
B. REINFORCING STEEL BARS	
a. FOR BARS 16mm AND GREATER (INTERMEDIATE GRADE DEFORMED BAR)	fy = 275 MPa (40,000 psi)
b. FOR BARS LESS THAN 16mm (STRUCTURAL GRADE DEFORMED BAR)	fy = 230 MPa (33,000 psi)
C. STRUCTURAL STEEL ASTM-A36	
FOR TRUSSES, BRACINGS, & STRUTS	fy = 248 MPa (36,000 psi)
D. PURLINS	
GOLD FORMED LIGHT	fy = 248 MPa (36,000 psi)
E. MASONRY UNIT (CHB)	
NON - LOADING BEARING CHB WALLS	fm' = 3.45 MPa (500 psi)
F. WELDS	E - 60XX ELECTRODE
G. STRUCTURAL BOLTS ASTM-A307	a. Ft = 68.60 mPa (14, 000 psi) b. Fv = 69.00 mPa (10, 000 psi)

3.0 IN THE INTERPRETATION OF THE DRAWING, INDICATED DIMENSIONS SHALL GOVERN. DISTANCES AND SIZES SHALL NOT BE SCALED FOR CONSTRUCTIONS PURPOSES

4.0 IN REFERENCES TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLABS, INTERIOR PARTITIONS, LOCATIONS OF DRAINS ETC.

5.0 IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS AND ARCHITECTURAL DRAWINGS, THE CONTRACTORS SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND ARCHITECTS.

6.0 ALL CONCRETE WORKS AND CONCRETE REINFORCEMENTS SHALL BE DONE IN ACCORDANCE WITH THE ACI 318 95 BUILDING CODE REQUIREMENT AND ALL STRUCTURAL STEEL WORKS ACCORDING WITH THE AISC SPECIFICATION (9TH EDITION) SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT.

7.0 ACI REFERS TO AMERICAN CONCRETE INSTITUTE, AISC REFERS TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM REFERS TO AMERICAN SOCIETY FOR TESTING MATERIALS.

8.0 CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED, MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.

9.0 SHOP DRAWING WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEERS APPROVAL BEFORE FABRICATION.

10. CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOODS EQUIPMENT AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.

11. ALL RESULTS OF THE MATERIAL TESTING FOR CONCRETE, REINFORCING BARS & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE MATERIALS ENGINEER/STRUCTURAL DESIGNER.

## NOTES ON CONCRETE MIXES & PLACING

1. ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMP AS FOLLOWS.

LOCATION	28 DAYS STRENGTH	MAX. SIZE OF AGGREGATE	MAX SLUMP
ALL OTHERS, INCLUDING SUSPENDED SLABS	3000 PSI (20.7 MPa)	20 mm	100mm
COLUMNS	3000 PSI (20.7 MPa)	20 mm	100mm
BEAMS, SLABS	3000 PSI (20.7 MPa)	20 mm	100mm
SLAB ON FILL	2500 PSI (17.5 MPa)	20 mm	100mm

2. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS.

SUSPENDED SLABS	20mm
SLAB ON GRADE	40mm
WALLS ABOVE THE GRADE	25mm
BEAM STIRRUPS AND COLUMN TIES	40mm
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	50mm
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	75mm

3. CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION, RE-HANDLING OR PLACING SHALL BE DONE PREFERABLY WITH BUGGIES, BUCKETS OR WHEELBARROWS, NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUGGIES, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED SIX (6) METERS IN AGGREGATE LENGTH.

4. NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN WRITING DESIGNER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATIONS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.

5. ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.

6. ALL CONCRETE SHALL BE KEPT MOST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.

7. STRIPPING OF FORMS AND SHORES:

FOUNDATION	24 HOURS
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	8 DAYS
WALLS	21 DAYS
BEAMS	14 DAYS
COLUMNS	21 DAYS

8. THE CONTRACTOR SHALL SUBMIT THE SCHEDULE OF POURING AND THE LOCATION OF THE CONSTRUCTION JOINTS TO THE STRUCTURAL ENGINEER AT LEAST (4) DAYS PRIOR TO THE POURING FOR APPROVAL.

9. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE FORMS AND SHORINGS UNTIL THE CONCRETE MEMBERS HAVE ATTAINED THEIR WORKING CONDITION AND STRENGTH.

## NOTES ON FOOTINGS

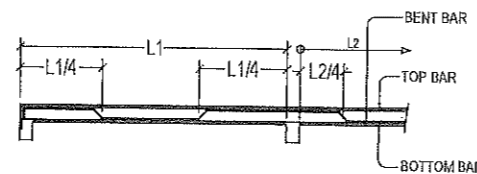
- FOOTINGS ARE DESIGNED FOR AN ALLOWANCE SOIL BEARING PRESSURE OF 96 KPa (2000 psf). CONTRACTOR SHALL REPORT TO THE ENGINEER, IN WRITING, THE ACTUAL SOIL CONDITIONS UNCOVERED AND CONFIRM ACTUAL BEARING CAPACITY OF SOIL BEFORE DEPOSITING CONCRETE.
- FOOTING SHALL REST AT LEAST 150mm BELOW NATURAL GRADE LINE UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL
- MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE 75mm CLEAR FOR CONCRETE DEPOSITED THE GROUND AND 50mm FOR CONCRETE DEPOSITED AGAINST A FORMWORK.
- IN CASES WHERE THE SOIL CONDITION IS SUCH THAT THE MINIMUM ALLOWABLE SOIL PRESSURE OF 96KPa (2000 psf) CAN NOT BE ATTAINED AT A PRACTICAL DEPTHS THE USE OF MICROPILES, BORED PILES, OR DRIVEN PILES MAY BE ADOPTED IN LIEU OF STANDARD ISOLATED FOOTINGS.

## NOTES ON REINFORCEMENT

- UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:
  - FOOTINGS, FOOTING BEAMS AND GIRDERS fy = 275 MPa (40,000 psi)
  - COLUMNS AND SHEAR WALLS fy = 275 MPa (40,000 psi)
  - BEAMS AND GIRDER fy = 275 MPa (40,000 psi)
  - NON-LOAD BEARING WALL PARTITIONS, BEDDED SLABS, FLOOR & ROOF SLABS, PARAPETS, CATCH BASIN, SIDE WALK fy = 275 MPa (40,000 psi)
- ALL REINFORCING BARS SIZE 10mm OR LARGER SHALL BE DEFORMED IN ACCORDANCE WITH THE ASTM A-706 BARS SMALLER THAN 10mm MAY BE PLAIN.
- SPICES SHALL BE SECURELY WIRED TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE W/ TABLE B (TABLE OF LAP SPICE & ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS, SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.

## NOTES ON CONCRETE SLABS

- ALL SLAB REINFORCEMENTS SHALL BE 20mm CLEAR MINIMUM FROM BOTTOM AND FROM THE TOP OF SLAB.
- UNLESS OTHERWISE SHOWN, REINFORCEMENT IN CONTINUOUS ELEVATED SLAB SHALL BE CUT AS FOLLOWS:



3. IF SLABS ARE REINFORCED BOTHWAYS BARS ALONG THE SHORTER SPAN SHALL BE PLACED BELOW THOSE ALONG THE LONG SPAN AT THE CENTER AND OVER THE LONGER SPAN FOR REINFORCING BARS NEAR THE SUPPORTS. THE SPACING OF THE BARS AT THE COLUMN STRIPS SHALL NOT BE MORE THAN ONE AND A HALF (1 1/2) SLAB THICKNESS.

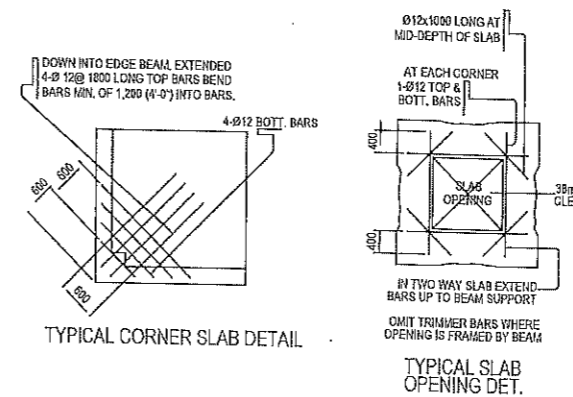
4. TEMPERATURE BARS FOR SLAB SHALL BE GENERALLY PLACED NEAR THE FACE IN TENSION AND SHALL NOT BE LESS THAN 0.0025 X GROSS-SECTIONAL AREA (Ag) OF THE SLAB. (SEE SCHEDULE BELOW)

SCHEDULE OF MINIMUM SLAB REINFORCEMENT	
MINIMUM TEMPERATURE BARS	
100 mm	10mm Ø @ 250mm EACH WAY
125 mm	10mm Ø @ 250mm EACH WAY
150 mm	10mm Ø @ 250mm EACH WAY
175 mm	10mm Ø @ 250mm EACH WAY
200 mm	10mm Ø @ 250mm EACH WAY

5. UNLESS OTHERWISE NOTED IN THE PLANS ALL BEDDED SLABS SHALL BE REINFORCED WITH 10mm Ø AT 250mm O.C. EACH WAY TO CENTER OF SLAB AND CONSTRUCTION JOINTS FOR SAME SHALL NOT BE LESS THAN 3.65 METER APART.

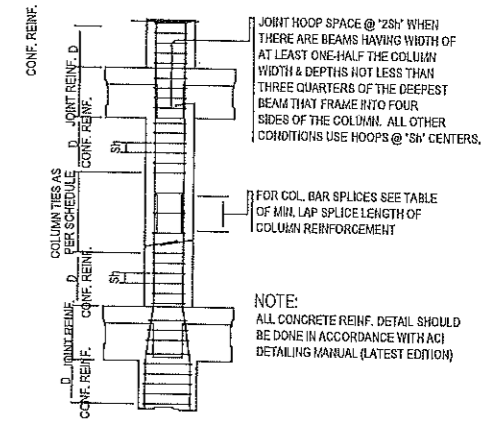
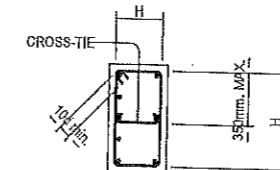
6. PROVIDE EXTRA REINFORCEMENTS FOR CORNER SLAB (TWO ADJACENT DISCONTINUES EDGES) AS SHOWN BELOW.

7. CONCRETE SLAB REINFORCEMENT BE PROPERLY SUPPORTED WITH 10mm STEEL CHAIR OR APPROVED EQUIVALENT SPACED AT 1.0 METER ON CENTER BOTHWAYS.

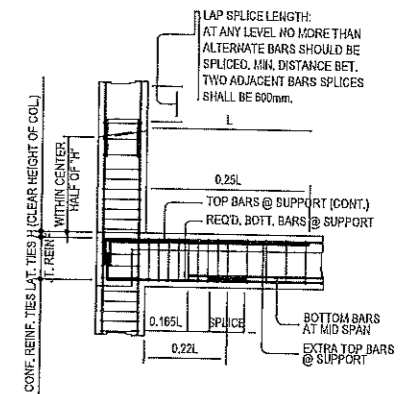


## NOTES ON COLUMNS

- PROVIDE EXTRA SETS OF TIES AT 100 O.C. FOR TIED COLUMN REINFORCEMENT ABOVE AND BELOW BEAM-COLUMN CONNECTIONS FOR A DISTANCE FROM FACE OF CONNECTION EQUAL TO GREATER OF THE OVERALL THICKNESS OF COLUMN, 1/6 THE CLEAR HEIGHT OF COLUMN OR 450mm.
- COLUMN TIES SHALL BE PROTECTED EVERYWHERE BY A COVERING OF CONCRETE CAST MONOLITHICALLY WITH THE CORE WITH A MINIMUM THICKNESS OF 40mm AND NOT LESS THAN 40 TIMES THE MAXIMUM SIZE COARSE AGGREGATE IN MILLIMETERS.
- WHERE COLUMNS CHANGE IN SIZE, VERTICAL REINFORCEMENT SHALL BE OFFSET AT A SLOPE MONOLITHICALLY WITH THE CORE WITH MINIMUM THICKNESS OF 40mm AND NOT LESS THAN 40 TIMES THE MAXIMUM SIZE COARSE AGGREGATE IN MILLIMETERS.
- UNLESS OTHERWISE INDICATED IN THE PLANS, LAP SPICES FOR VERTICAL COLUMN REINFORCEMENT SHALL BE MADE WITHIN THE CENTER HALF OF COLUMN HEIGHT, AND THE SPICE LENGTH SHALL BE LESS THAN 40 BAR DIAMETERS, WELDING OR APPROVED MECHANICAL DEVICES MAY BE USED PROVIDED THAT NOT MORE THAN ALTERNATE BARS ARE WELDED OR MECHANICALLY SPICED AT ANY LEVEL AND THE VERTICAL DISTANCES BETWEEN THESE WELDS OR SPICES OF ADJACENT BARS IS NOT LESS THAN 600mm.



TYPICAL COLUMN ELEV. SHOWING DOWELS AND TIES SPACING



TYP. DETAIL OF COL. LAP SPICE & EXT. GIRDER TO COL. CONNECT.

## NOTES ON BEAMS AND GIRDERS

- UNLESS, OTHERWISE NOTED IN PLANS, CAMBER ALL BEAMS AND GIRDER AT LEAST 6mm FOR EVERY 4.50 M OF SPAN, EXCEPT GANTRY BEAMS FOR WHICH THE CAMBER SHALL BE AS NOTED IN PLANS OR AS ORDERED BY THE ENGINEER BUT IN NO CASE LESS THAN 20 mm FOR EVERY 3.0 M OF FREE SPAN.
- TYPICAL BARS BENDING AND CUTTING DETAILS FOR BEAMS SHALL BE AS SHOWN IN FIG. B-1

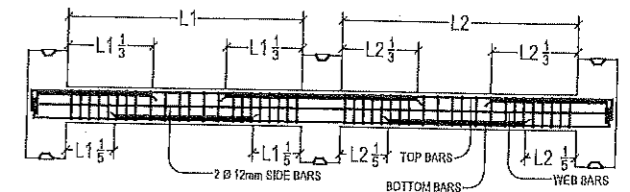


FIGURE B-1



REPUBLIC OF THE PHILIPPINES  
PROVINCIAL ENGINEER'S OFFICE  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**

LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

RECOMMENDING APPROVAL:  
**ANGELIE R. GELJA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

9  
40

# GENERAL CONSTRUCTION NOTES

**TABLE 'A'**  
TENSION BARS  
TABLE OF LAP SPLICE & ANCHORAGE LENGTH (mm)

BAR SIZES (DEFORMED)	f <sub>c</sub> = 20.7 MPa (3000 psi)		f <sub>c</sub> = 27.6 MPa (4000 psi)	
	EMBEDMENT	LAPPED	EMBEDMENT	LAPPED
Ø10	300	300	300	300
Ø12	300	300	300	300
Ø16	300	400	350	400
Ø20	400	500	350	500
Ø25	600	500	500	750
Ø32	750	1000	650	850
Ø36	850	1300	850	1100

NOTES:  
1. TOP PLAIN BARS, MULTIPLY VALUE BY 2  
2. NOT MORE THAN 25% OF THE BARS SHALL BE SPLICED WITHIN THE REQUIRED LAP LENGTH

**TABLE 'B'**  
COMPRESSION BARS  
TABLE OF LAP SPLICE & ANCHORAGE LENGTH (mm)

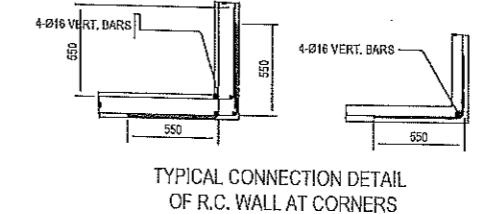
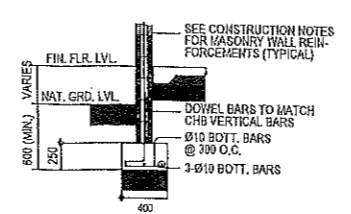
BAR SIZES (DEFORMED)	f <sub>c</sub> = 20.7 MPa (3000 psi)		f <sub>c</sub> = 27.6 MPa (4000 psi)	
	EMBEDMENT	LAPPED	EMBEDMENT	LAPPED
Ø10	225	300	200	300
Ø12	275	300	250	300
Ø16	300	400	325	400
Ø20	450	500	475	500
Ø25	500	625	550	625
Ø28	625	675	625	675
Ø32	700	775	700	775

NOTES:  
1. TOP PLAIN BARS, MULTIPLY VALUE BY 2  
2. NOT MORE THAN 25% OF THE BARS SHALL BE SPLICED WITHIN THE REQUIRED LAP LENGTH  
3. VALUES GIVEN ABOVE CAN ALSO BE USED FOR COLUMNS

REINFORCING CONCRETE LINTEL BEAMS IN CONCRETE BLOCK WALLS

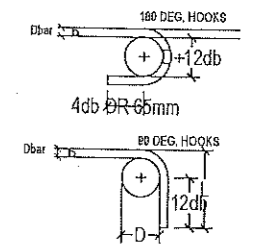
LINTELS IN BLOCK WALLS

CLEAR SPAN (L)	TOTAL LENGTH (L+0.40M)	MIN. f <sub>c</sub> (MPa)	HEIGHT OF LINTEL (mm)	REINFORCEMENT		
				BOTTOM	TOP	STIRRUPS
1.20 M	1.60 M	14.0	300	1-Ø10	Ø5 mm @ 200mm	
1.50 M	1.90 M		300	1-Ø10	Ø5 mm @ 200mm	
1.80 M	2.20 M		300	1-Ø12	Ø5 mm @ 200mm	
2.10 M	2.50 M	17.0	350	1-Ø12	Ø5 mm @ 200mm	
2.40 M	2.80 M		350	1-Ø12	Ø5 mm @ 200mm	
2.70 M	3.10 M		350	1-Ø12	Ø5 mm @ 200mm	
3.00 M	3.40 M	20.0	300	1-Ø12	Ø10 mm @ 200mm	
3.30 M	3.70 M		300	1-Ø12	Ø10 mm @ 200mm	
3.60 M	4.00 M		300	1-Ø12	Ø10 mm @ 200mm	



**NOTES ON STIRRUPS**

1. ALL REINFORCEMENT SHALL BE BENT COLD UNLESS OTHERWISE PERMITTED BY THE STRUCTURAL ENGINEER.
2. AS SHOWN IN THE DESIGN DRAWINGS OR PERMITTED BY THE STRUCTURAL ENGINEER.
3. TIES & CLOSE STIRRUPS MUST BE AT 135.



**NOTES ON WELDS**

1. USE E60xx ELECTRODES FOR ALL MEMBERS WELDED.
2. WELDS SHALL DEVELOP THE FULL STRENGTH OF MEMBERS JOINED UNLESS OTHERWISE SHOWN OR DETAILED IN THE DRAWINGS.

**NOTES ON STRUCTURAL STEEL**

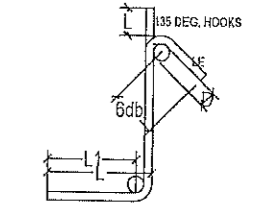
1. STRUCTURAL STEEL TO BE USED FOR FABRICATION AND ERECTION OF THIS STRUCTURE SHALL COMPLY WITH ALL THE PERTINENT PROVISIONS OF AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDING LATEST EDITION.
2. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A36 STRUCTURAL STEEL UNLESS OTHERWISE INDICATED.
3. ALL WELDED CONNECTIONS SHALL DEVELOP THE FULL STRENGTH OF THE MEMBERS CONNECTED.
4. UNLESS OTHERWISE SPECIFIED ALL WELDING RODS SHALL CONFORM WITH E60 ELECTRODES.
5. ALL BOLTS USED UNLESS OTHERWISE SPECIFIED SHALL BE ASTM A307 BOLTS.

MAIN BAR END HOOKS (ALL GRADES)

BAR SIZE (DEFORMED)	DIAMETER (mm)	180° HOOK	90° HOOK
10mm Ø	60	75	125
12mm Ø	75	100	150
16mm Ø	95	125	175
20mm Ø	115	150	200
25mm Ø	150	200	250
32mm Ø	200	250	300

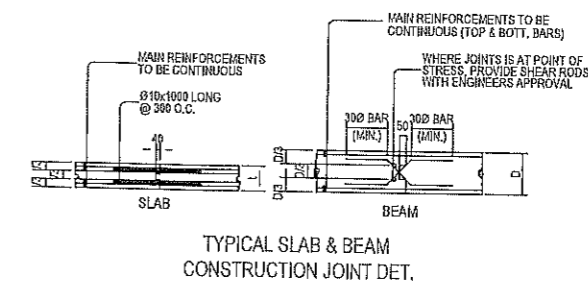
**NOTES ON EMBEDDED PIPES**

1. ALL EMBEDDED PIPES FOR UTILITIES ETC. THAT PASS THRU BEAMS SHALL NOT EXCEED 100mm IN DIAMETER OR 1/3 BEAM DEPTH WHICHEVER IS LESS, UNLESS OTHERWISE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
2. NO PIPES SHALL BE ALLOWED TO PASS THRU BEAMS VERTICALLY.
3. NO PIPES SHALL BE EMBEDDED IN COLUMNS.



**NOTES ON CONSTRUCTION JOINTS IN CONCRETE**

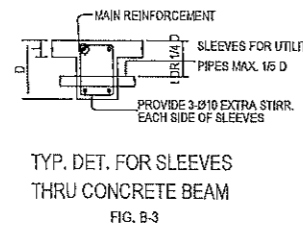
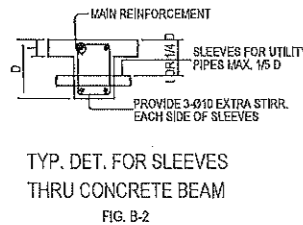
1. WHERE A CONSTRUCTION JOINT IS TO BE MADE, THE SURFACE OF CONCRETE SHALL BE CLEANED AND ALL LAITANCE AND STANDING WATER REMOVED SHEAR KEY SHALL BE PROVIDED AT THE JOINT.



STIRRUP AND TIE HOOKS (ALL GRADES)

BAR SIZE (DEFORMED)	DIAMETER (mm)	180° HOOK	90° HOOK
10mm Ø	40	125	85
12mm Ø	50	105	115
16mm Ø	65	200	140
20mm Ø	115	200	105
32mm Ø	150	205	230

3. IF THE BEAM REINFORCING BARS END IN A WALL, THE CLEAR DISTANCE FROM THE BAR TO THE FARTHER FACE OF THE WALL IS NOT LESS THAN 25mm. EMBEDMENT LENGTH SHALL BE SHOWN IN A TABLE 'A' FOR TENSION BARS AND TABLE 'B' FOR COMPRESSION BARS UNLESS OTHERWISE SPECIFIED IN PLAN. TOP BARS AND SHALL NOT BE SPLICED WITHIN THE COLUMN OR TWO STIRRUPS SHALL BE PROVIDED AT ALL SPLICES.
4. IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, USED 25mm BAR SEPARATORS SPACED AT 1.0M ON CENTER ON NO CASE SHALL THERE BE THAN TWO (2) SEPARATORS BETWEEN LAYERS OF BARS
5. MINIMUM CONCRETE PROTECTION FOR REINFORCING BARS OR STEEL SHAPES SHALL BE AS SHOWN IN FIGURE B-2 UNLESS ELSEWHERE.



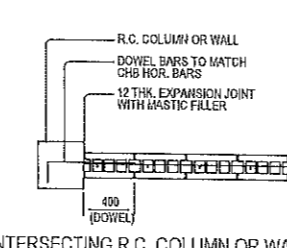
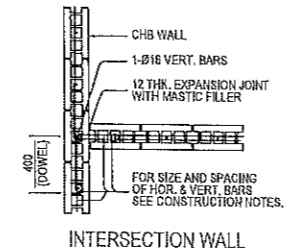
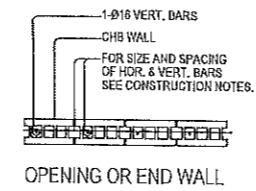
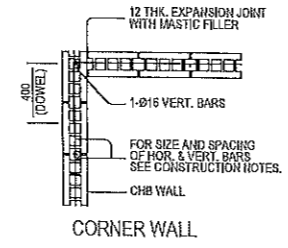
6. WHEN A BEAM CROSSES A GIRDER, REST BEAM ON TOP OF GIRDER BARS, BEAM REINFORCING BARS SHALL BE SYMMETRICAL ABOUT THE CENTER LINE WHENEVER POSSIBLE.
7. GENERALLY, NO SPLICES SHALL BE PERMITTED AT POINTS WHERE CRITICAL BENDING STRESSES OCCUR, SPLICES WHERE SO PERMITTED SHALL BE INDICATED IN TABLE 'A' AND 'B'. WELDED SPLICES SHALL DEVELOP IN TENSION AT LEAST 125% OF THE SPLICED YIELD STRENGTH OF THE BAR NOT MORE THAN 50% OF THE BARS AT ANY ONE SECTION IS ALLOWED TO BE SPLICED THEREIN.

**NOTES ON CONCRETE HOLLOW BLOCKS WALLS**

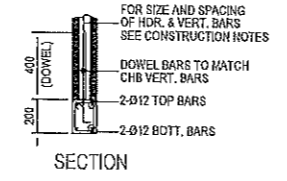
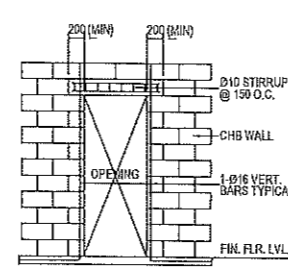
1. UNLESS OTHERWISE SHOWN IN PLANS ALL CONCRETE HOLLOW BLOCKS AND CERAMIC BLOCKS SHALL BE REINFORCED AS SHOWN IN THE SCHEDULE OF CONCRETE HOLLOW BLOCKS AND CERAMIC BLOCK REINFORCEMENT.
2. PROVIDE 150mm x 300mm STIFFENER COLUMN REINFORCED WITH 4-12mm WITH 10mm Ø TIES AT 150mm ON CENTER WHERE CONCRETE HOLLOW BLOCK TERMINATES AND AT EVERY 3.0M LENGTH OF CONCRETE HOLLOW BLOCK WALLS UNLESS NOTED IN STRUCTURAL PLANS.

NOTES ON CONCRETE HOLLOW BLOCKS WALLS REINFORCEMENTS

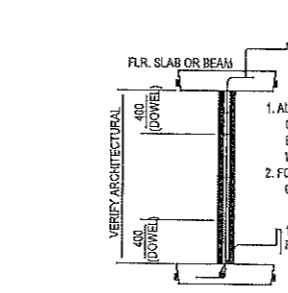
BLOCK THICKNESS	REINFORCEMENT		NOTES
	HORIZONTAL	LAPPED	
100 mm	10mm Ø EVERY 3RD LEVEL	10mm Ø @ 600mm O.C.	A. MINIMUM LAPS AT SPLICE= 0.25 M
125 mm	10mm Ø EVERY 3RD LEVEL	10mm Ø @ 600mm O.C.	B. PROVIDE RIGHT ANGLED REINFORCEMENT AT CORNERS 0.92 m LONG
150mm	10mm Ø EVERY 3RD LEVEL	10mm Ø @ 600mm O.C.	C. WHERE CHB OR CER. BLK. WALL DOWELS WITH THE SAME SIZE AS VER. OR HOR. REINFORCEMENT SHALL BE PROVIDED
200 mm	12mm Ø EVERY 3RD LEVEL	10mm Ø @ 600mm O.C.	



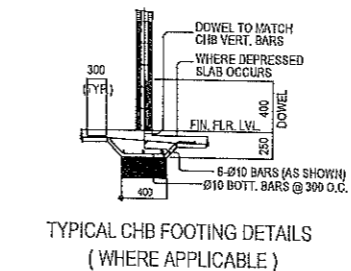
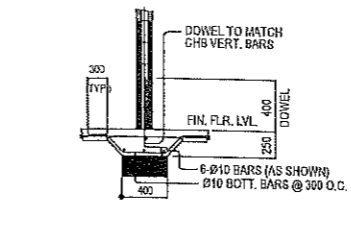
**TYPICAL CONNECTION DETAIL OF MASONRY WALL**



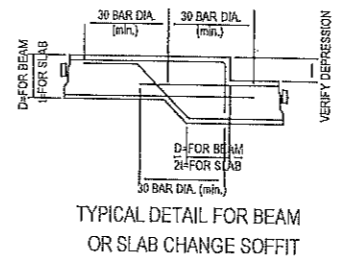
**TYP. DET. OF LINTEL BEAM AT CHB WALL OPENING**



**TYP. SECTION OF MASONRY PARTITION REINFORCEMENTS**



**TYPICAL CHB FOOTING DETAILS (WHERE APPLICABLE)**



**TYPICAL DETAIL FOR BEAM OR SLAB CHANGE SOFFIT**

**NOTES ON CONCRETE WALLS**

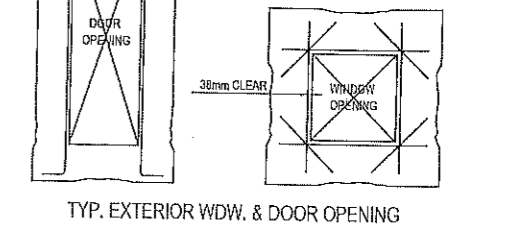
1. ALL WALLS SHALL BE REINFORCED ACCORDING TO THE FOLLOWING SCHEDULE OF WALL REINFORCEMENT UNLESS OTHERWISE INDICATED IN THE PLANS.

WALL THICKNESS	REINFORCEMENT		REMARKS	VERTICAL SECTION
	HORIZONTAL	VERTICAL		
100mm	Ø10mm @ 250mm O.C.	Ø10mm @ 300mm O.C.	HORIZONTAL BARS AT CENTERS VERTICAL BARS STAGGERED OUT	VER. BARS HOR. BARS
125mm	Ø10mm @ 200mm O.C.	Ø10mm @ 250mm O.C.		
150mm	Ø12mm @ 250mm O.C.	Ø12mm @ 300mm O.C.		

REINFORCING BARS SHALL HAVE 25mm CLEAR CONCRETE COVER FROM FACE OF WALL EXCEPT FOR WALLS IN CONTACT WITH THE GROUND WHERE A MINIMUM OF 60mm SHALL BE PROVIDED AND FOR EXPOSED FACES OF FORMED WALLS WHERE THE MINIMUM SHALL BE 50mm CLEAR.

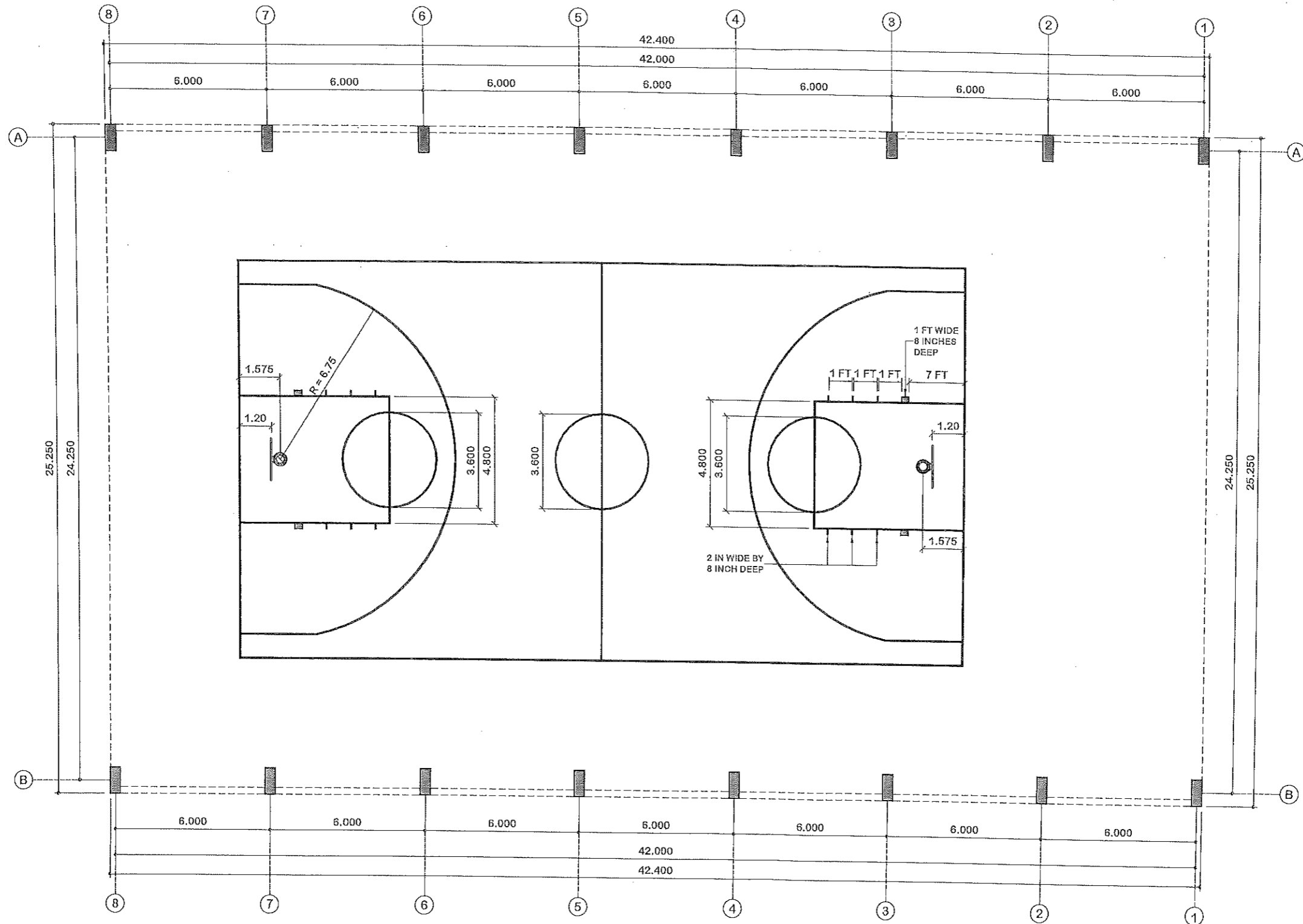
2. CARRY VERTICAL BARS AT LEAST 60mm ABOVE FLOOR LEVEL TO PROVIDE FOR SPLICES WHEN NECESSARY STOP AT 50mm BELOW TOP SLAB OR SOLID BAND WHERE THE WALL ENDS VERTICAL AND HORIZONTAL BARS SHALL BE SPLICED BY LAPPING A DISTANCE EQUAL TO 30 DIAMETERS AND WIRED SECURELY WITH 16 G.I. WIRE PROVIDED THAT SPLICES IN ADJACENT BARS ARE STAGGERED AT LEAST 1.50M O.C.
3. UNLESS OTHERWISE NOTED IN THE PLANS, ALL OPENINGS IN WALLS 250mm OR THICKER SHALL BE REINFORCED AROUND WITH 2-20mm Ø BARS. FOR 225mm, 200mm, 175mm, 150mm THICK WALLS, USE 2-15mm Ø. FOR 125mm AND 100mm THICK WALLS, USE 2-12mm Ø BARS. ALL WALLS SPANNING SHALL HAVE VERTICAL REINFORCEMENT BENT A U-FORM LIKE STIRRUPS AND SPACED ACCORDING TO THE SCHEDULE UNLESS OTHERWISE NOTED.

**NOTE:**  
PROVIDE THESE ADDITIONAL BARS FOR ALL OPENINGS PLUS BARS (NOT SHOWN) PARALLEL TO SIDE OF OPENING EQUAL TO THE NUMBER OF TERMINATED BARS AT OPENING  
SEE ARCHITECTURAL & MECHANICAL PLANS FOR SLAB OPENING LOCATION.





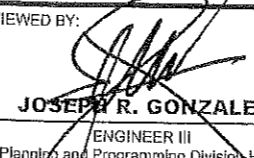
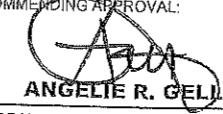

**TYP. EXTERIOR WDW. & DOOR OPENING**

<p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division, Head	RECOMMENDING APPROVAL: <b>ANGELIE R. GELJA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY: <b>YVONNE RONA CAGAS</b> Provincial Governor	<p style="text-align: center; font-size: 2em; font-weight: bold;">10 40</p>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					



NOTE: REGULATION LINE MARKINGS MUST BE 50mm WIDE IN A CONTRASTING COLOR TO THE PLAYING SURFACE

**PLAY COURT FLOOR PLAN**  
SCALE 1:175

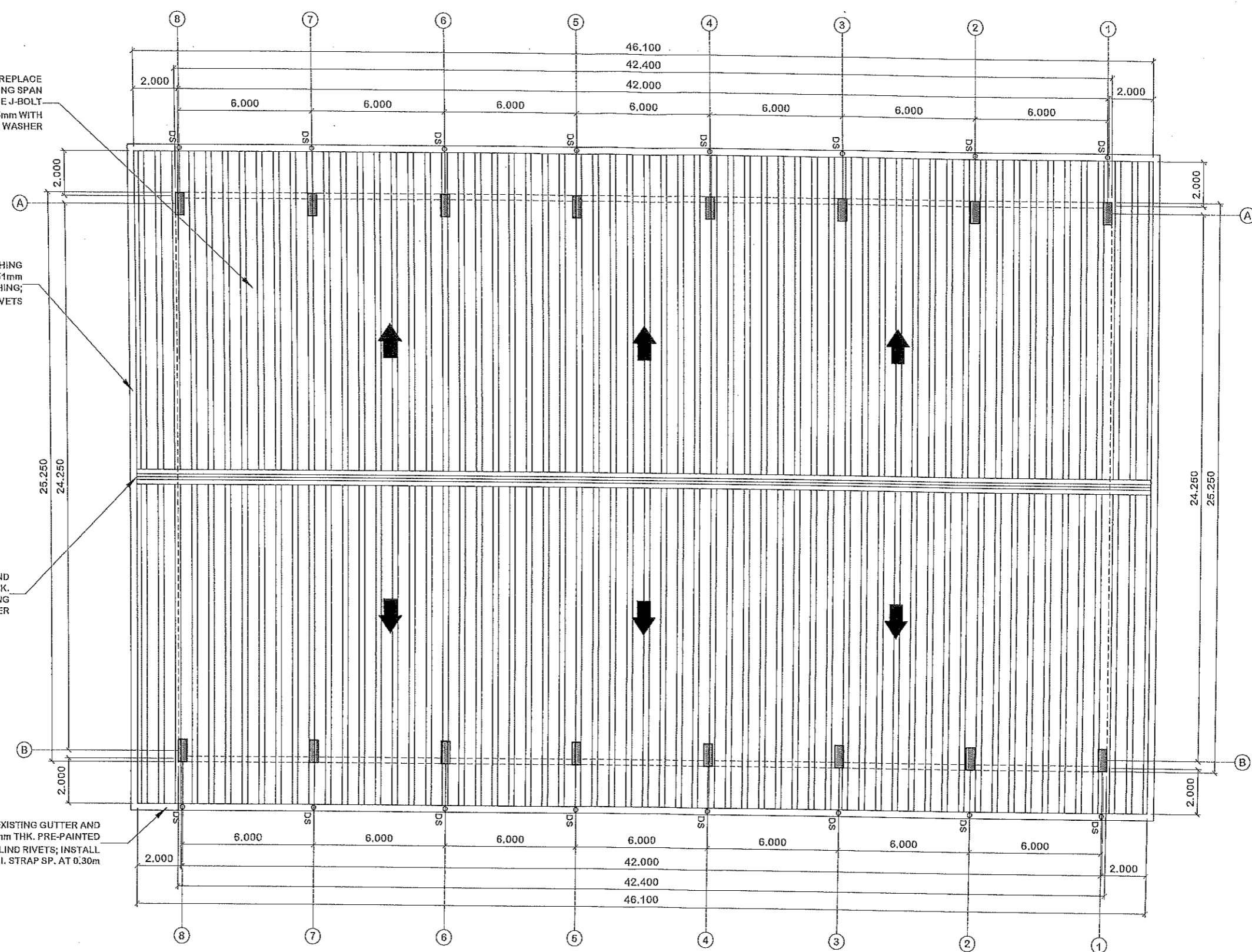
 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELIA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY:  <b>YVONNE ROMA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">11</span> <hr style="width: 80%;"/> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					

REMOVE EXISTING ROOFING AND REPLACE W/ 0.427mm THK. PRE-PAINTED LONG SPAN ROOFING (RIB TYPE PROFILE); USE J-BOLT ROOF FASTENER 1/4"Ø x 75mm WITH NEOPRENE GASKET, NUT & WASHER


REMOVE EXISTING FLASHING AND REPLACE WITH 0.651mm THK. PRE-PAINTED FLASHING; USE 5/16"Ø BLIND RIVETS

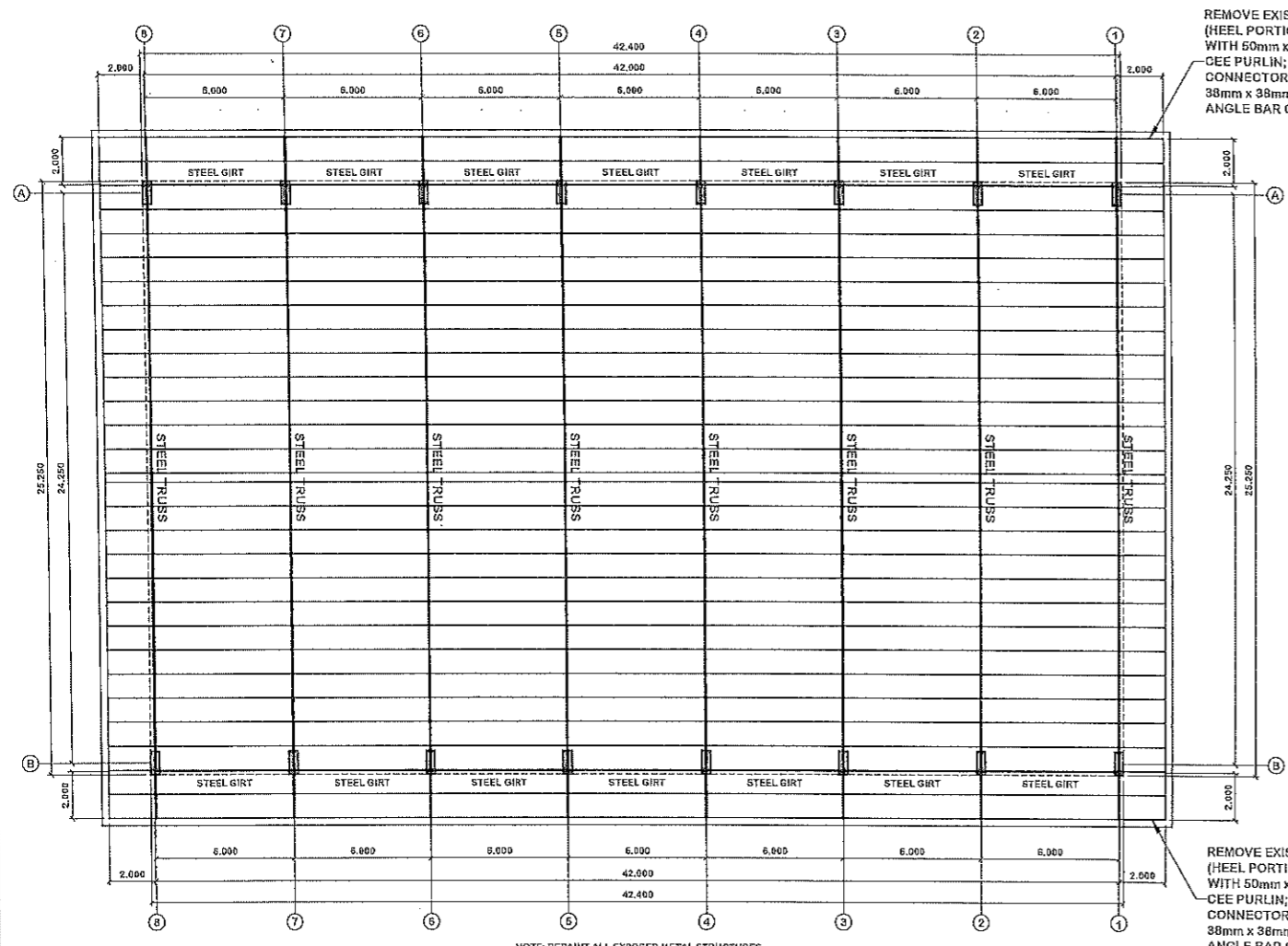
REMOVE EXISTING RIDGE ROLL AND REPLACE WITH 0.551mm THK. PRE-PAINTED RIDGE ROLL; 2 1/2" LONG METAL TEKSREW ROOF FASTENER

REMOVE REPLACE EXISTING GUTTER AND REPLACE W/ 0.701mm THK. PRE-PAINTED GUTTER; USE 5/16"Ø BLIND RIVETS; INSTALL 12" x 1" PLAIN G.I. STRAP SP. AT 0.30m



**PLAY COURT ROOF PLAN**  
SCALE 1:200

 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL: <b>ANGELIE R. GELIA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY: <b>YVONNE RONA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">12</span> <hr style="width: 100%;"/> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					

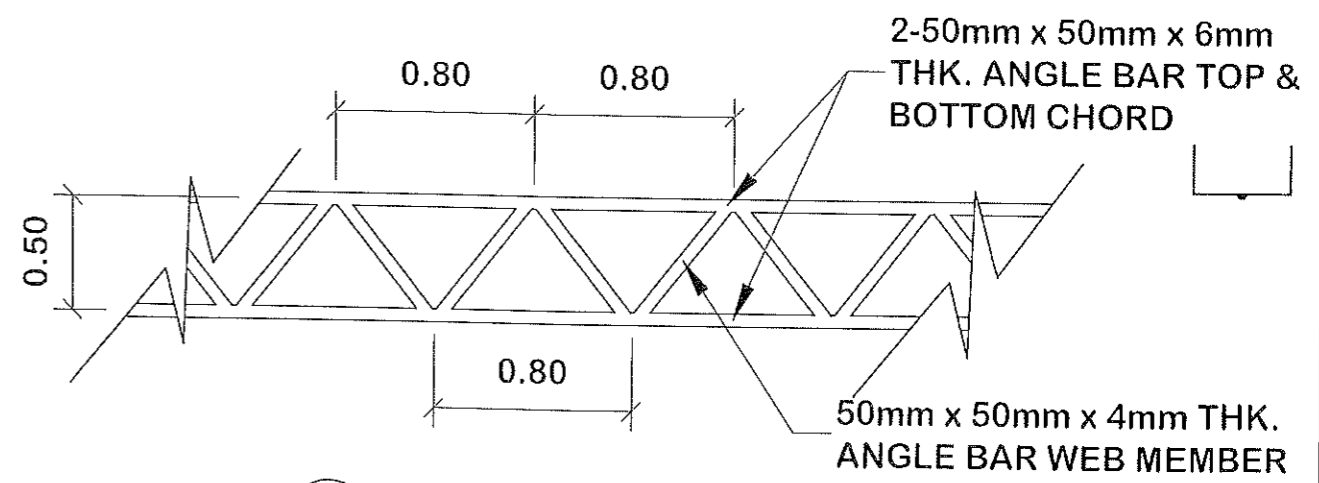


NOTE: REPAINT ALL EXPOSED METAL STRUCTURES


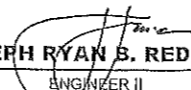
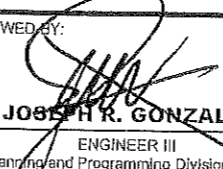
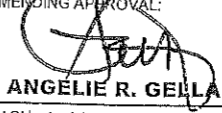
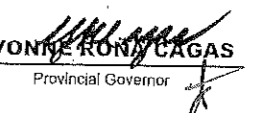
REMOVE EXISTING CEE PURLIN (HEEL PORTION) AND REPLACE WITH 50mm x 150mm x 2mm THK. CEE PURLIN; SEE PURLIN CONNECTOR DETAILS; USE 38mm x 38mm x 3mm THK. ANGLE BAR CLEATS

REMOVE EXISTING CEE PURLIN (HEEL PORTION) AND REPLACE WITH 50mm x 150mm x 2mm THK. CEE PURLIN; SEE PURLIN CONNECTOR DETAILS; USE 38mm x 38mm x 3mm THK. ANGLE BAR CLEATS

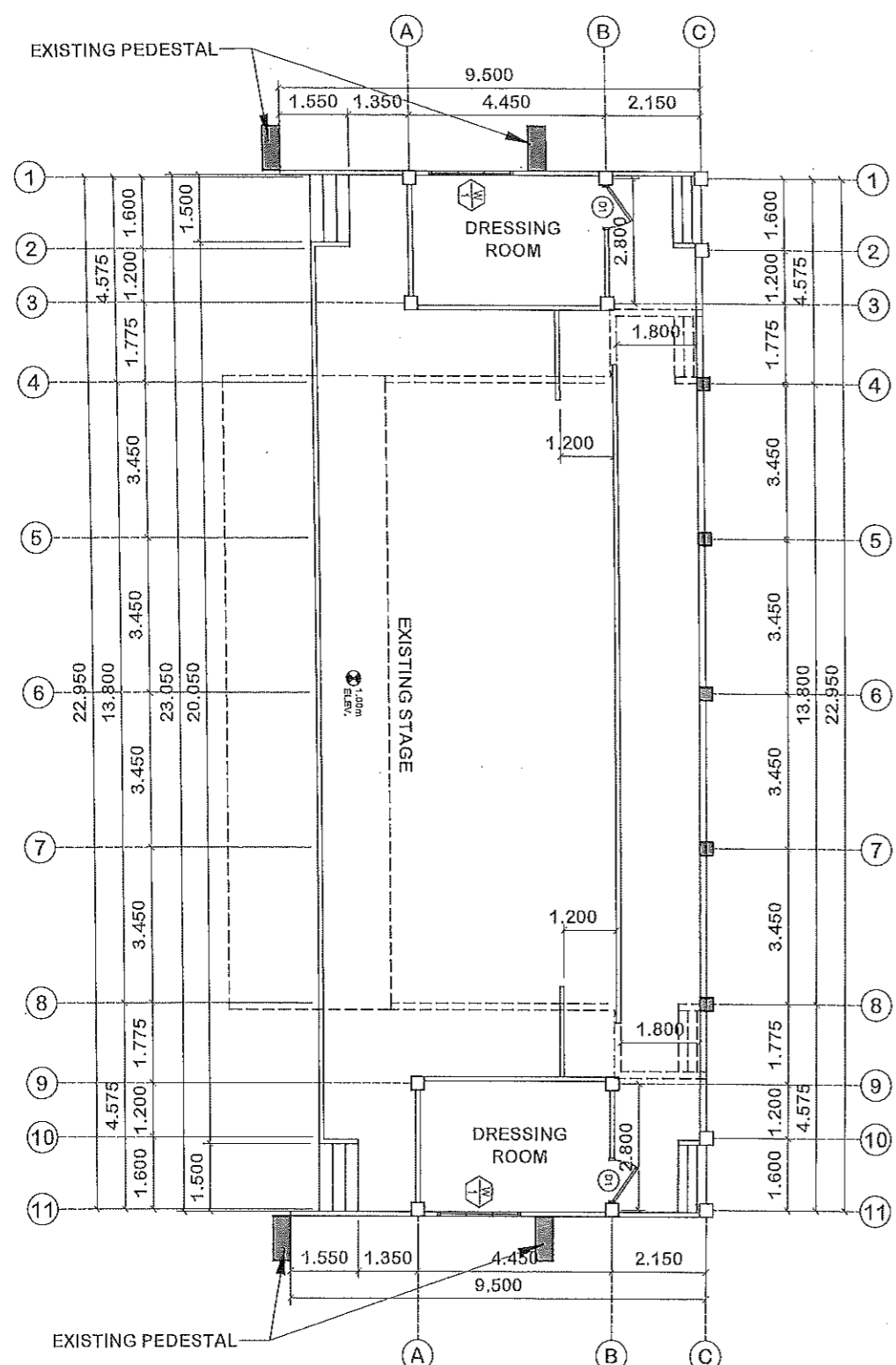
**PLAY COURT ROOF FRAMING PLAN**  
SCALE 1:200



**STEEL GIRTS DETAIL**  
SCALE DNTS

 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY:  <b>YVONNE RON CAGAS</b> Provincial Governor	<p style="text-align: center;"><b>13</b></p> <hr/> <p style="text-align: center;"><b>40</b></p>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					

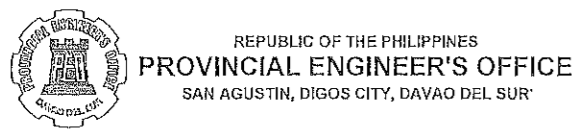
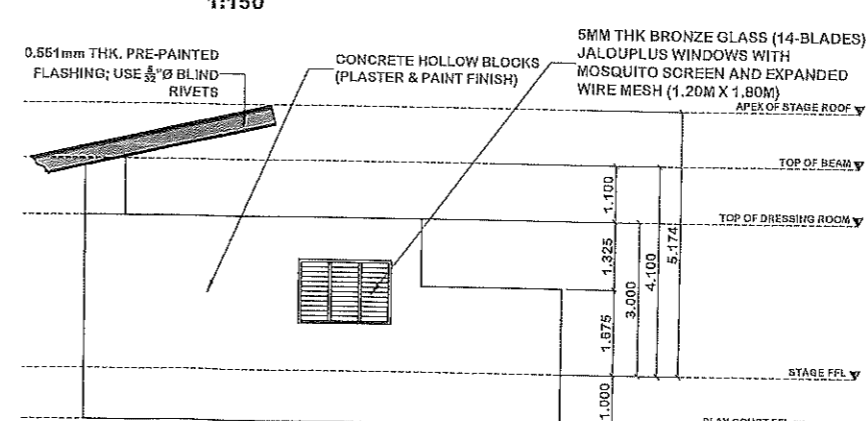
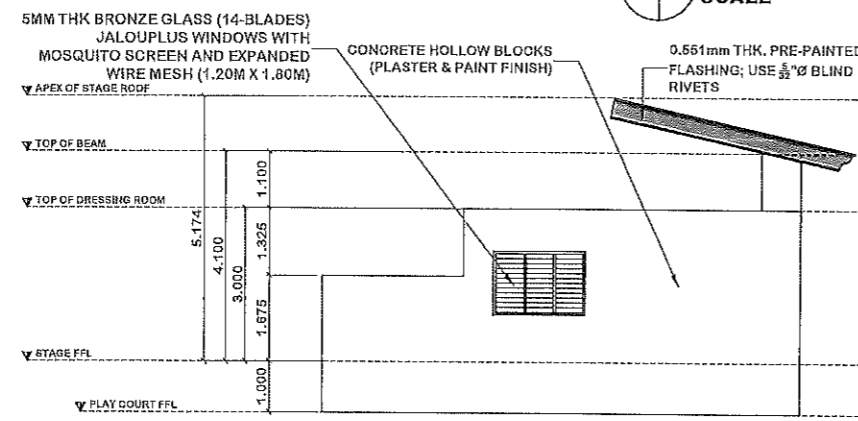
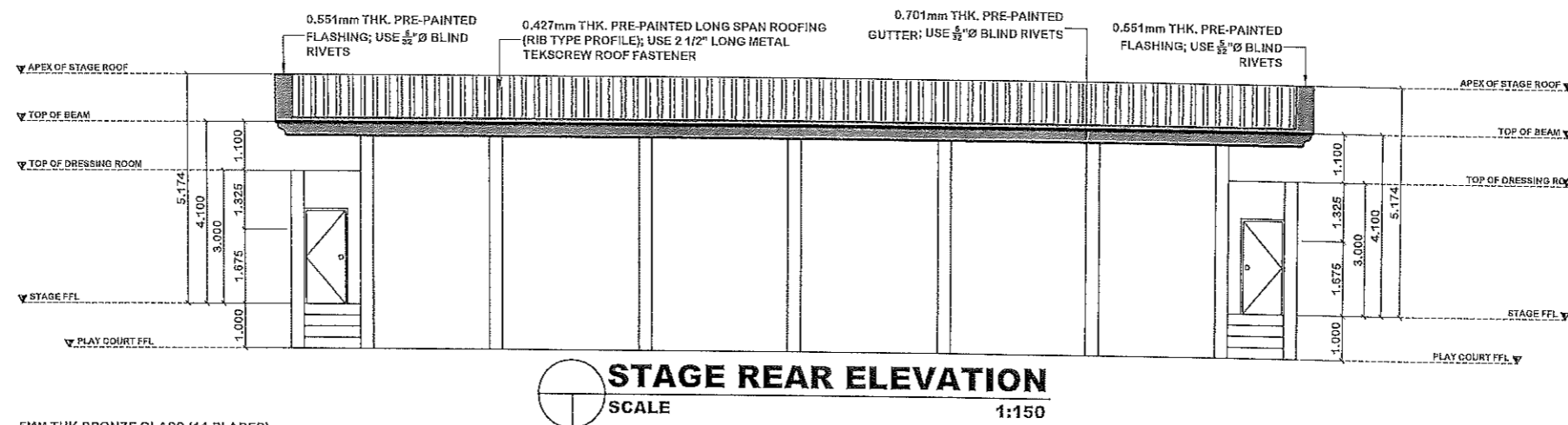
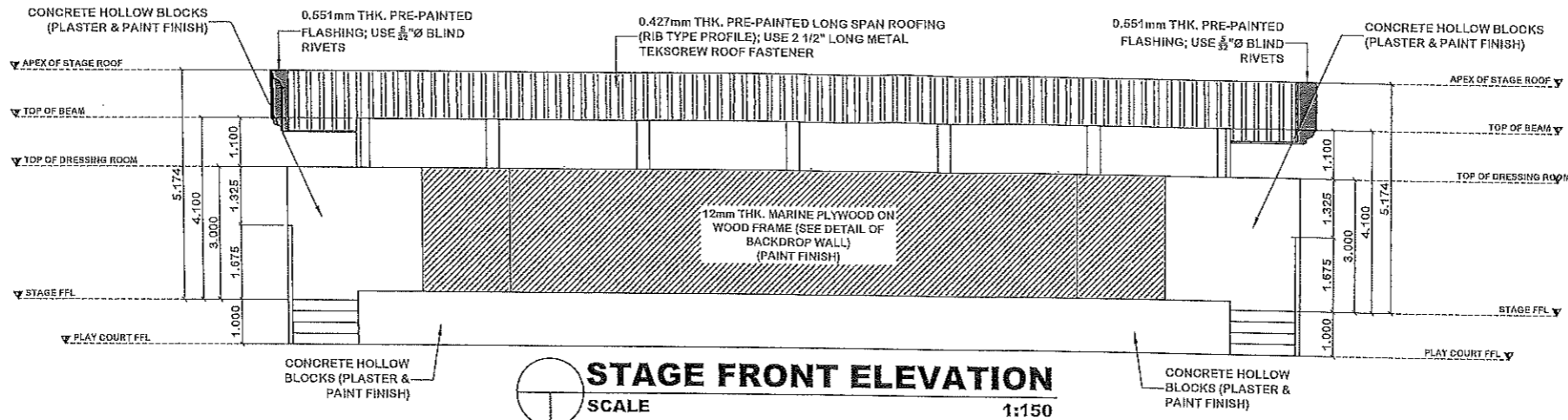




**PROPOSED STAGE FLOOR PLAN**  
SCALE 1:150

SCHEDULE OF DOORS & WINDOWS		
DRAWING		
MARK	D1	W1
LOCATION	STAGE DRESSING ROOM	STAGE DRESSING ROOM
QUANTITY	2 UNITS	2 UNITS
SPECIFICATIONS	0.90m x 2.10m PANEL DOOR, SHOP MADE, WITH JAMB (K.D., GEMELINA OR ITS EQUIV.)	5mm thk Bronze Glass (14-Blades) Jalouplus Windows with Mosquito Screen and Expanded Wire Mesh (1.20m x 1.80m)
ACCESSORIES	1 - DOOR KNOB, CYLINDRICAL, ANTIQUE BRASS (YALE, KWIKSET, SCHALGE OR ITS EQUIV. (PER DOOR) 4 - 3 1/2" x 3 1/2" BRASS LOOSE PIN BUTT HINGES (PER DOOR)	

<p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL: <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY: <b>YVONNE RONA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">14</span> <hr style="width: 100%;"/> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					



PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**

LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY,  
DAVAO DEL SUR**

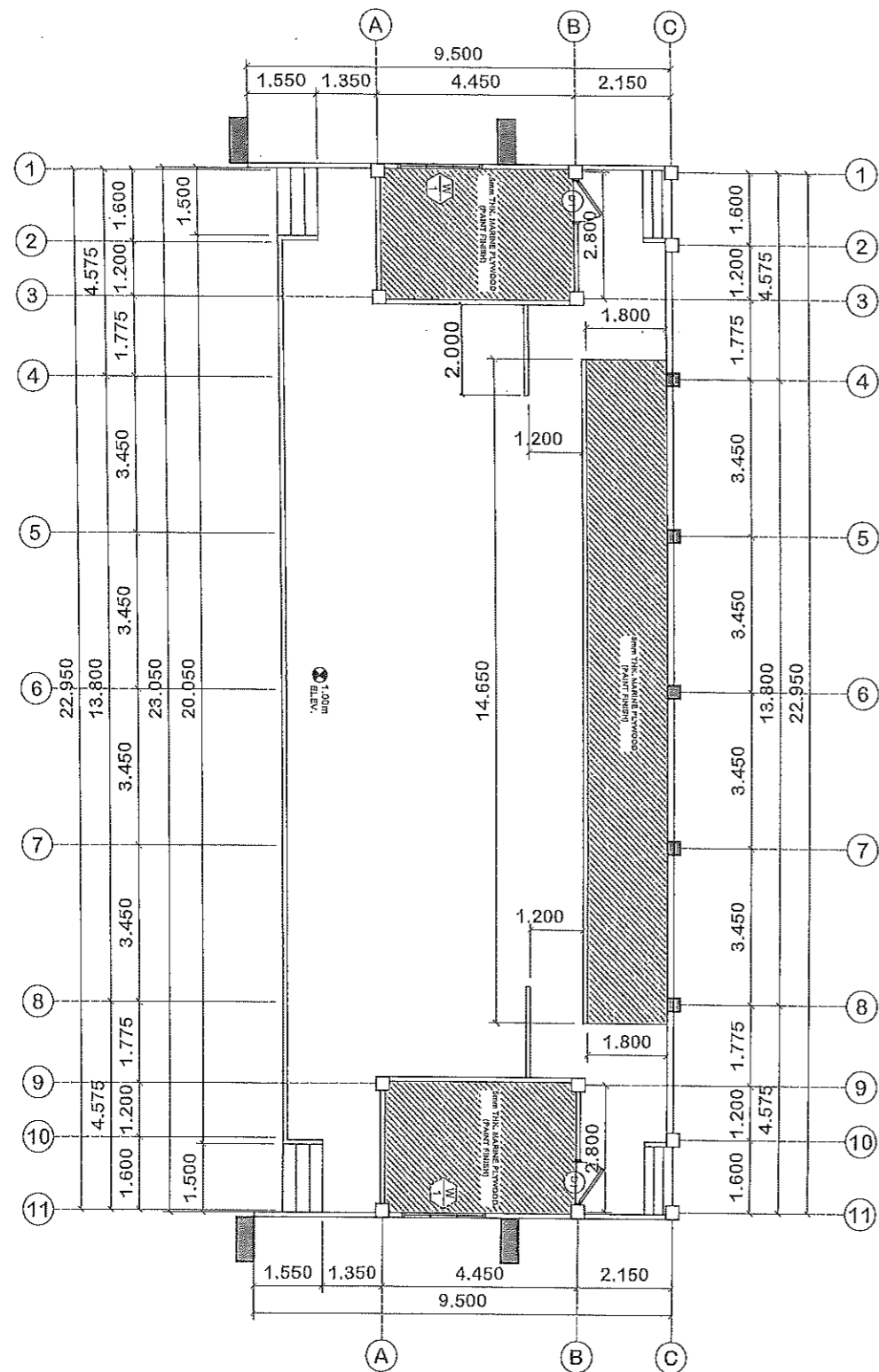
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

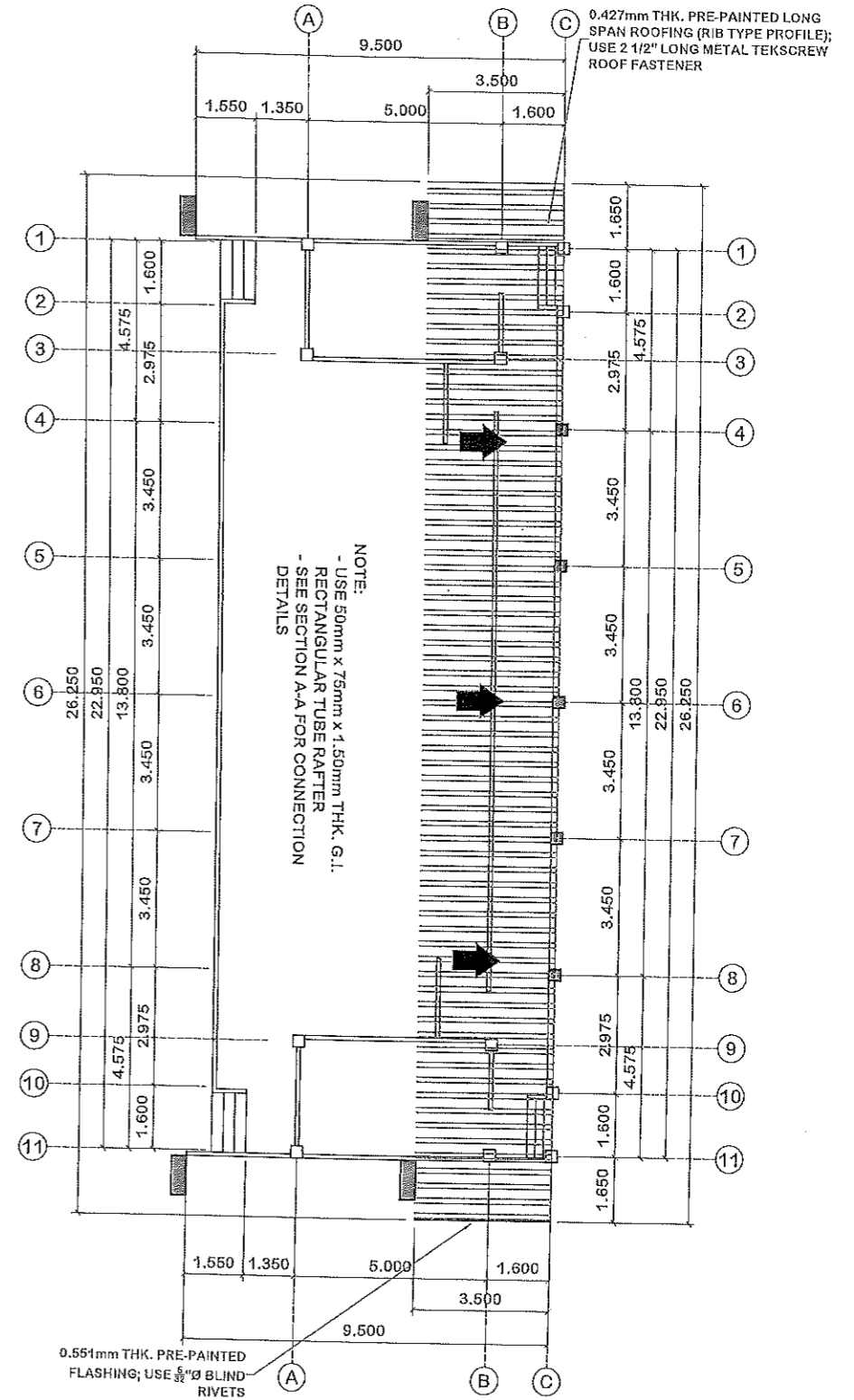
RECOMMENDING APPROVAL:  
**ANGELIE R. GALLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

**15**  
**40**



**STAGE REFLECTED CEILING PLAN**  
SCALE 1:150



**STAGE ROOF PLAN**  
SCALE 1:175



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
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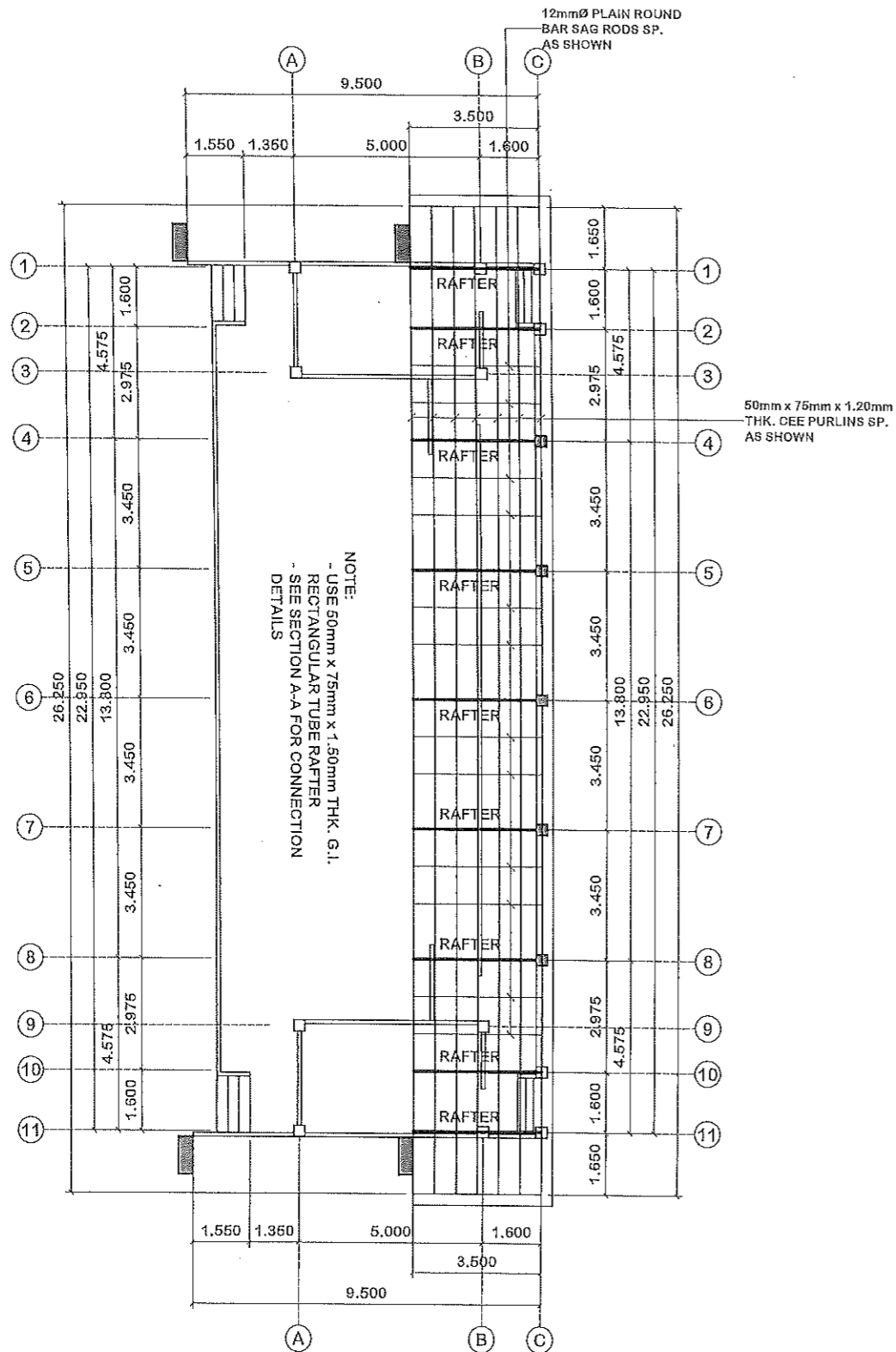
LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

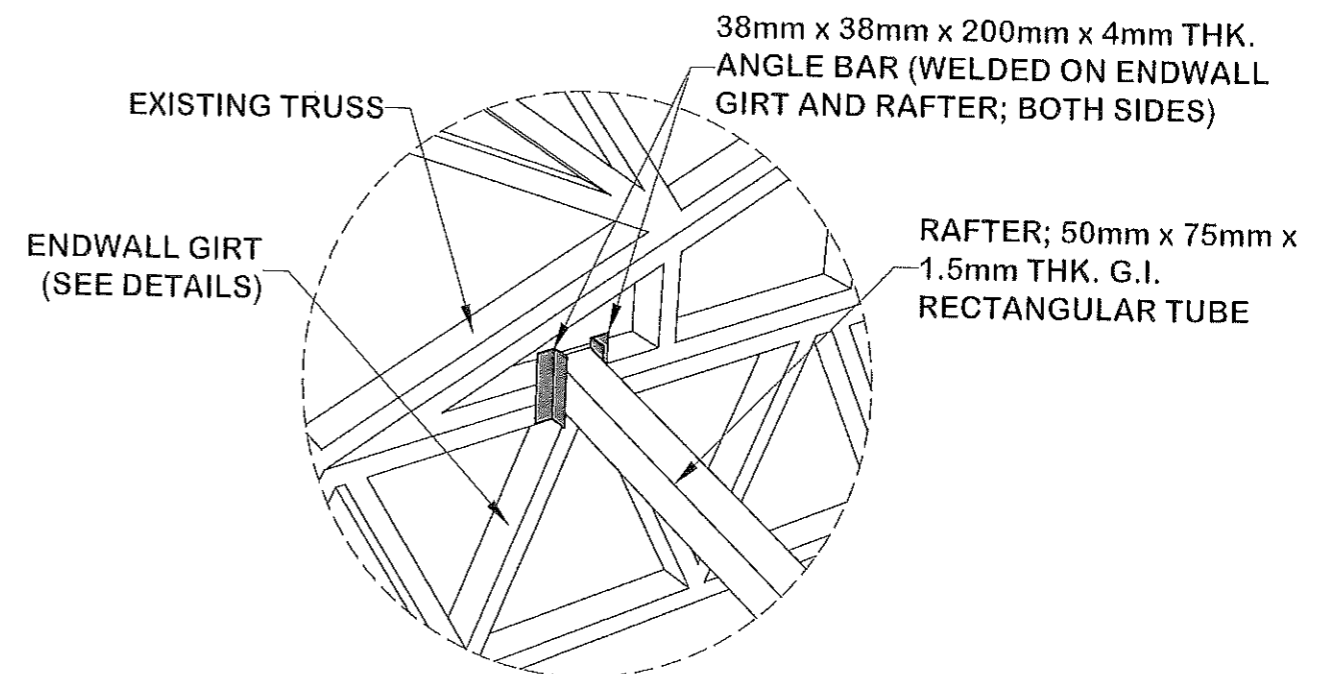
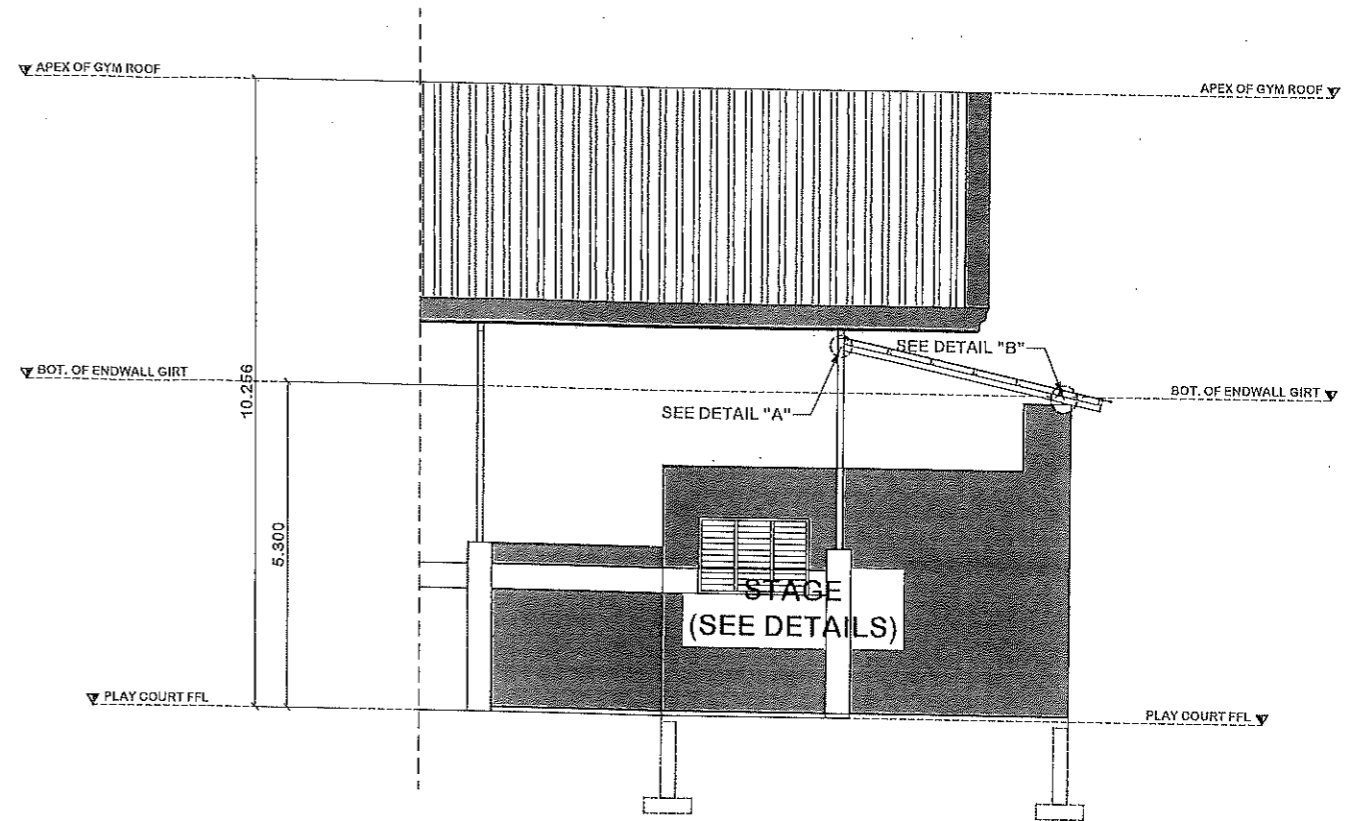
REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo, Order No. 22-2023)

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Provincial Governor



**STAGE ROOF FRAMING PLAN**  
SCALE 1:175



**DETAIL A**  
SCALE DNTS



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
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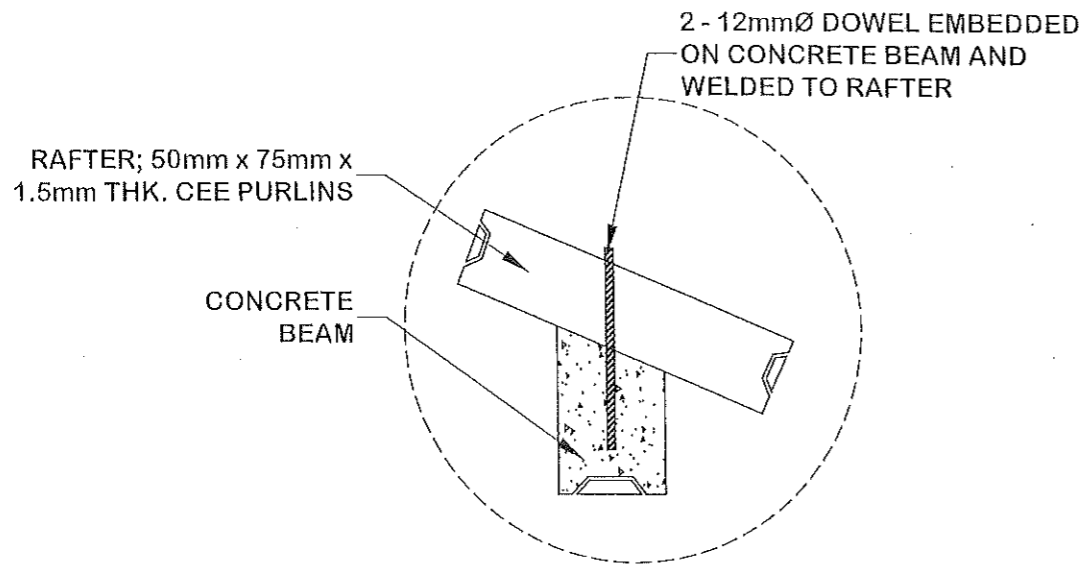
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

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Provincial Governor

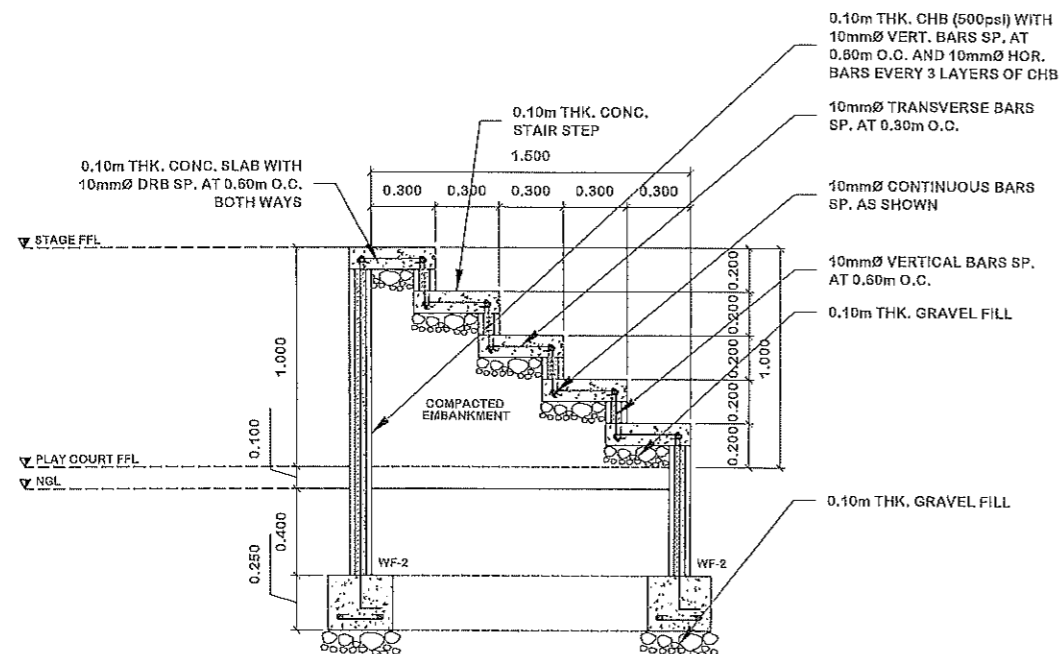
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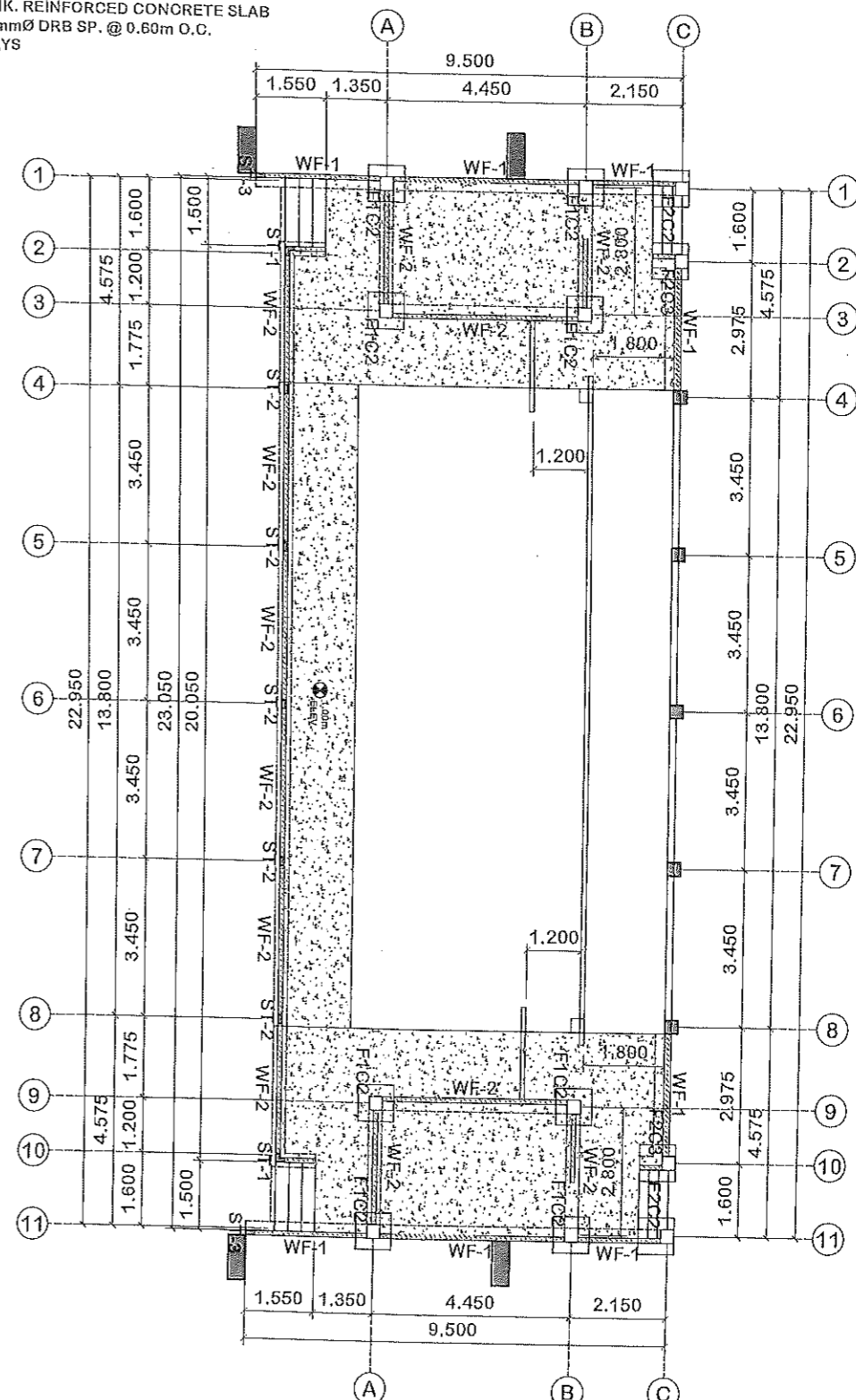
**DETAIL B**  
SCALE DNTS

NOTE:

- 0.10m THK. CHB (500 PSI) WITH 10mmØ VERT. BARS SP. AT 0.60m O.C. & 10mmØ HOR. BARS EVERY 3 LAYERS OF CHB (PLASTER & PAINT FINISH)
- 0.10m THK. REINFORCED CONCRETE SLAB WITH 10mmØ DRB SP. @ 0.60m O.C. BOTHWAYS



**STAGE STAIR DETAIL**  
SCALE 1:35



**STAGE FOUNDATION PLAN**  
SCALE 1:150



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
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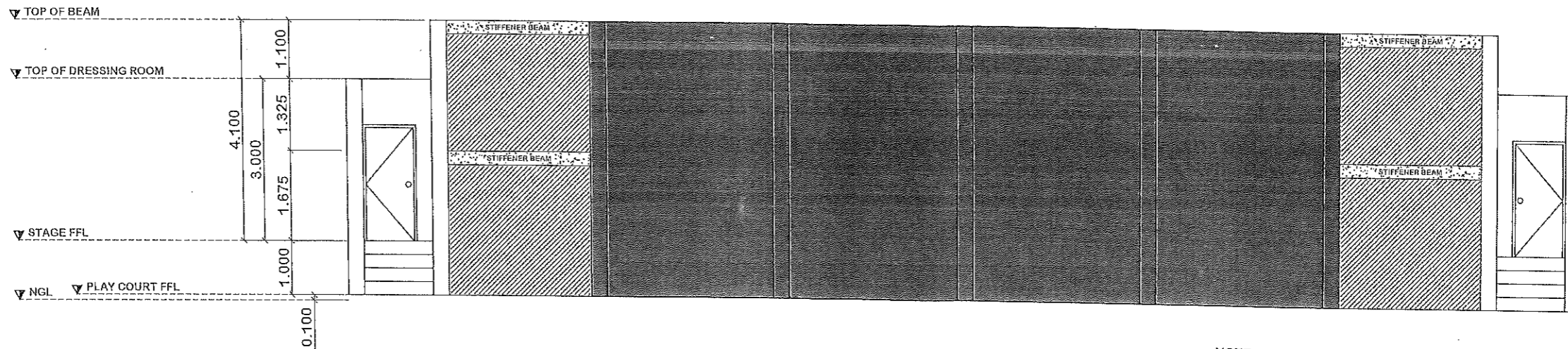
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

RECOMMENDING APPROVAL:  
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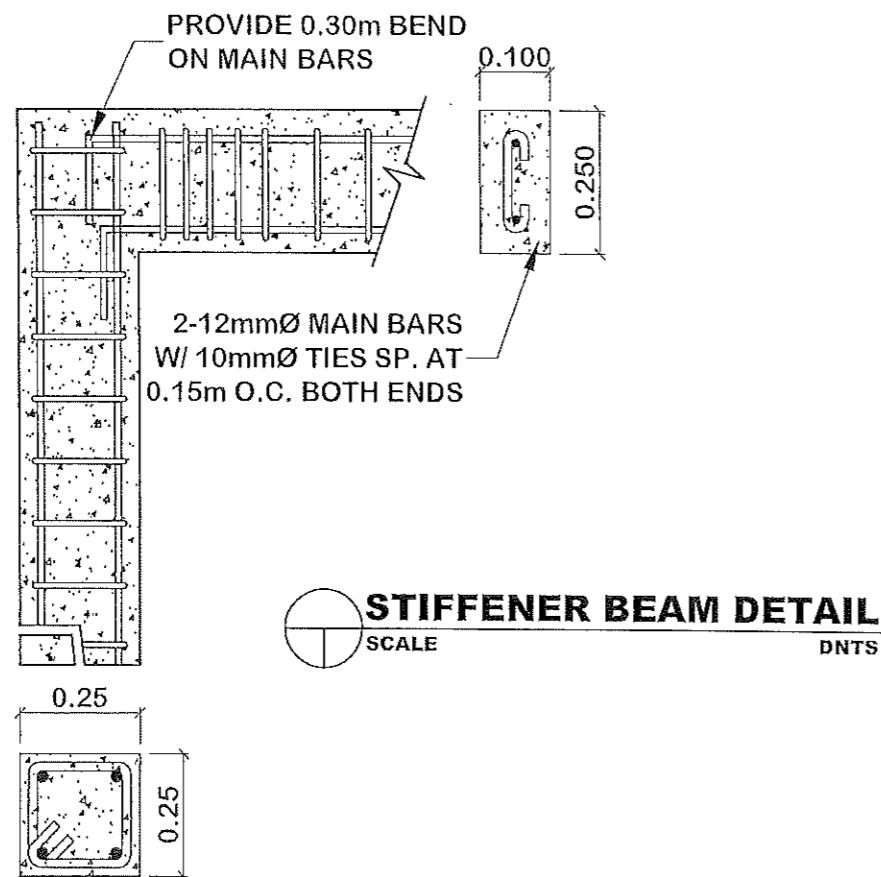
APPROVED BY:  
**YVONNE ROMA CAGAS**  
Provincial Governor

18  
40



NOTE:

- EXISTING WALL AND COLUMNS
- 0.10m THK. CHB (500 PSI) WITH 10mmØ VERT. BARS SP. AT 0.60m O.C. & 10mmØ HOR. BARS EVERY 3 LAYERS OF CHB (PLASTER & PAINT FINISH)



SCHEDULE OF REINFORCED CONCRETE COLUMN (STAGE)						
MARK	COLUMN SECTION			BAR Ø (mm)	VERTICAL REINFORCEMENT	LATERAL TIES
	B (m)	W (m)	HEIGHT (m)			
C2	0.25	0.25	5.35	12	4 - 12mmØ DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS
C3	0.25	0.25	6.45	12	4 - 12mmØ DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS

NOTE:  
- CHIP-OFF EXISTING COLUMN AND PROVIDE DOWELS

SCHEDULE OF REINFORCED CONCRETE FOOTING						
MARK	COLUMN SECTION			BAR Ø (mm)	REINFORCEMENT	
	B (m)	W (m)	T (m)		BARS ALONG "B"	BARS ALONG "W"
F1	0.8	0.8	0.25	12	6 - 12mmØ	6 - 12mmØ
F2	0.8	0.8	0.25	12	6 - 12mmØ	6 - 12mmØ



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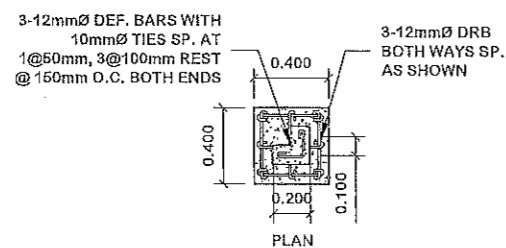
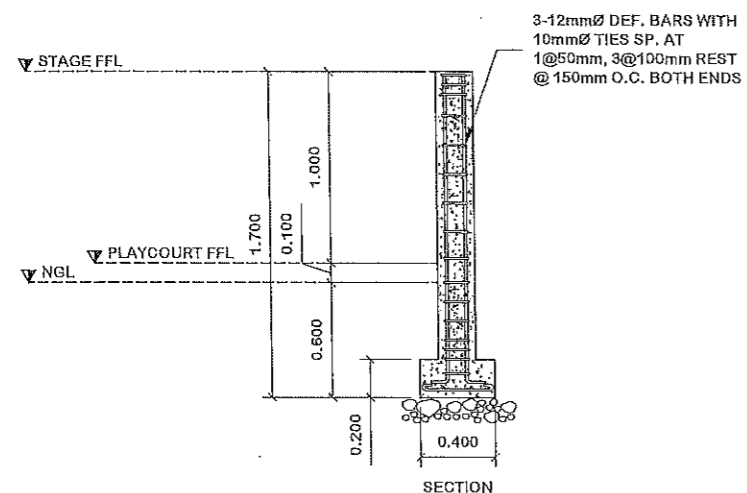
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
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ENGINEER III  
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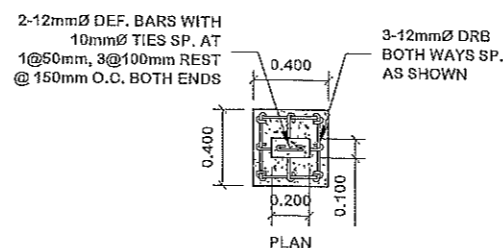
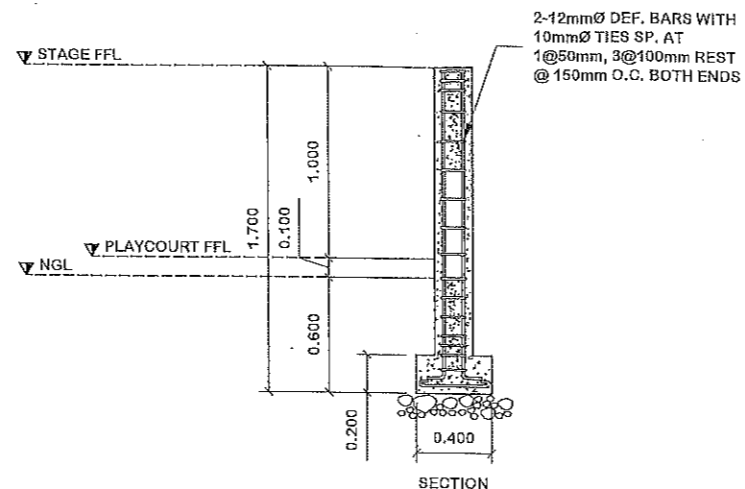
RECOMMENDING APPROVAL:  
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PGADH - Assistant Provincial Engineer  
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APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

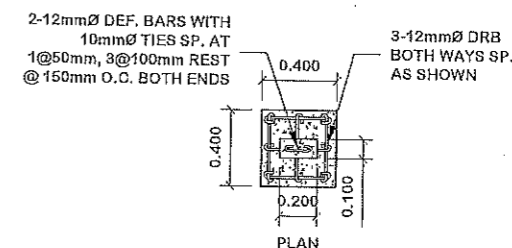
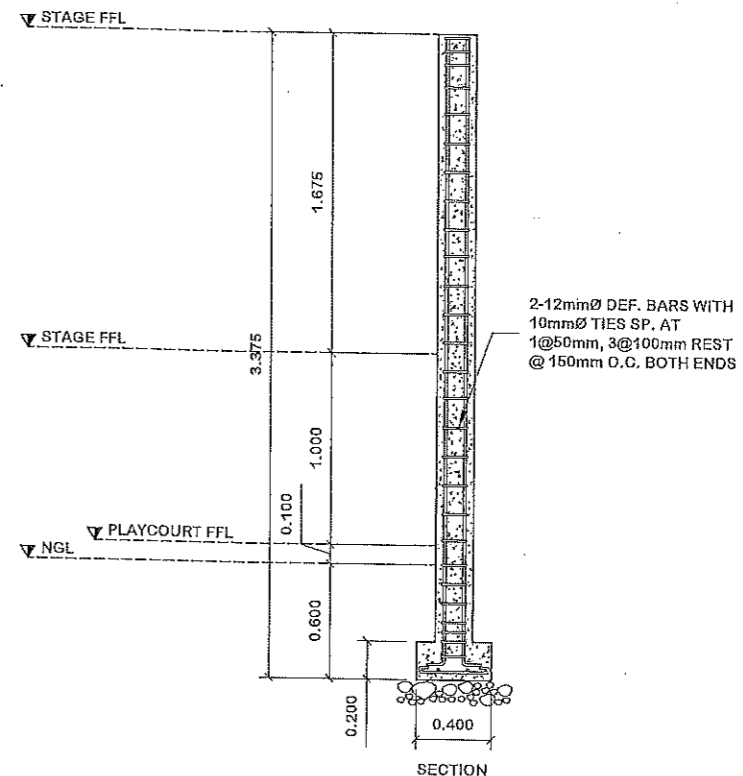
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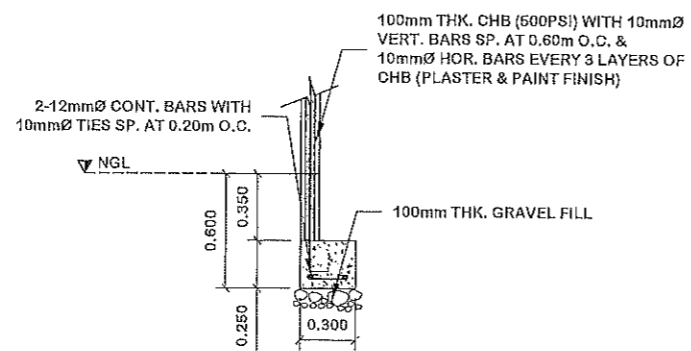
**ST-1 DETAIL**  
SCALE 1:40



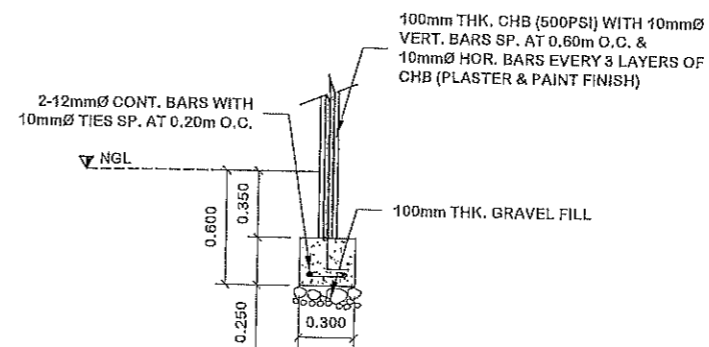
**ST-2 DETAIL**  
SCALE 1:40



**ST-3 DETAIL**  
SCALE 1:40



**WF-1 DETAIL**  
SCALE 1:40



**WF-2 DETAIL**  
SCALE 1:40



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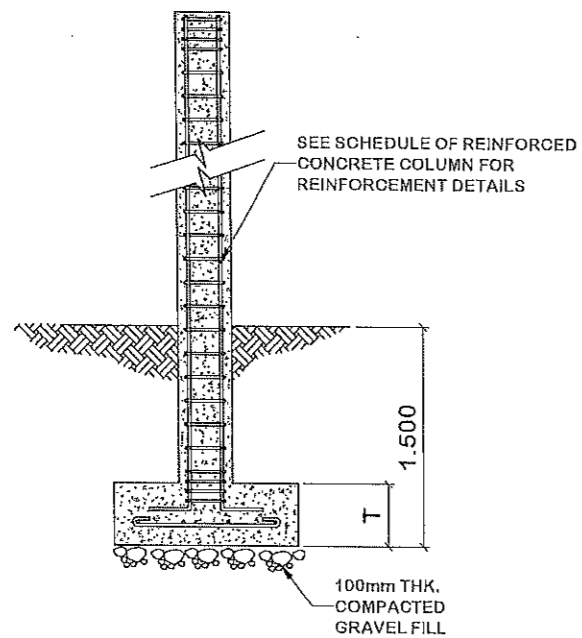
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

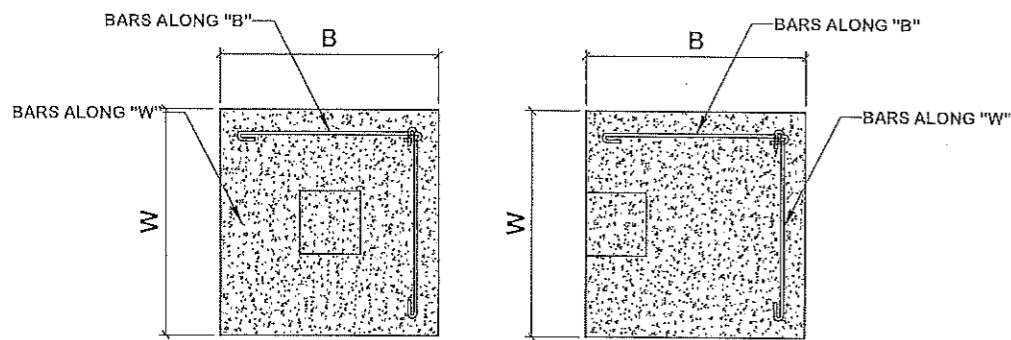
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Provincial Governor

**20**  
**40**



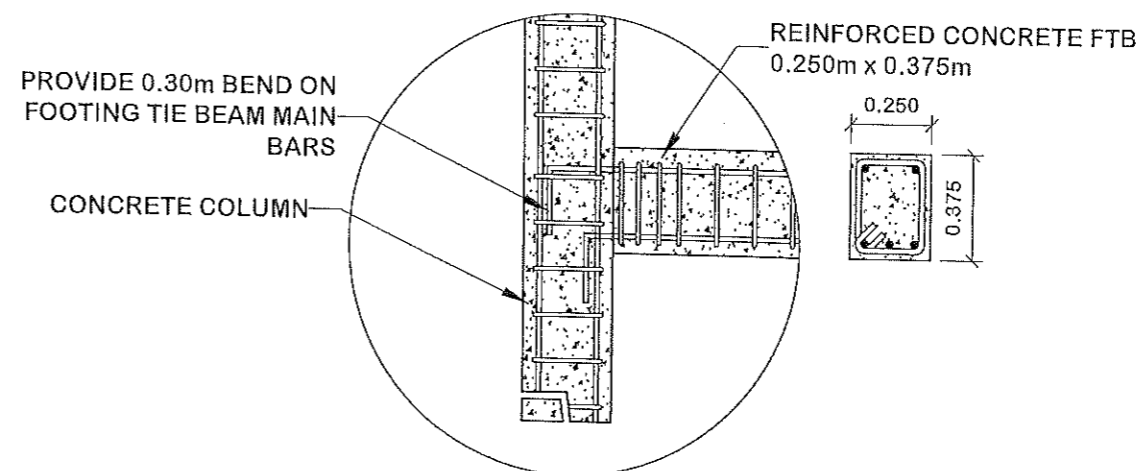
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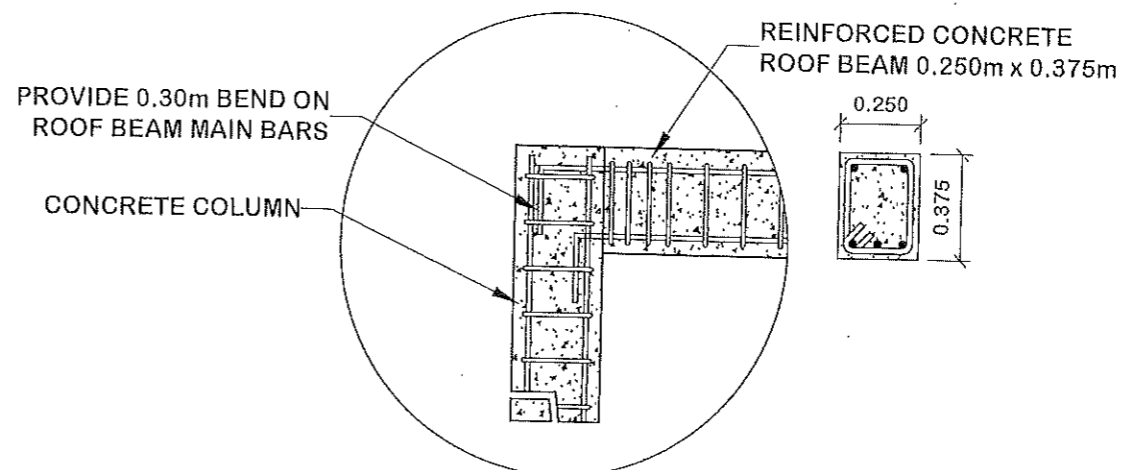
**PLAN**

**TYPICAL FOOTING DETAIL**  
SCALE DNTS

SCHEDULE OF REINFORCED CONCRETE FOOTING						
MARK	COLUMN SECTION			BAR Ø (mm)	REINFORCEMENT	
	B (m)	W (m)	T (m)		BARS ALONG "B"	BARS ALONG "W"
F1	0.8	0.8	0.25	12	6 - 12mmØ	6 - 12mmØ
F2	0.8	0.8	0.25	12	6 - 12mmØ	6 - 12mmØ



**COL. - FTB CONNECTION DETAIL**  
SCALE DNTS



**COL. - RB CONNECTION DETAIL**  
SCALE DNTS



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**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

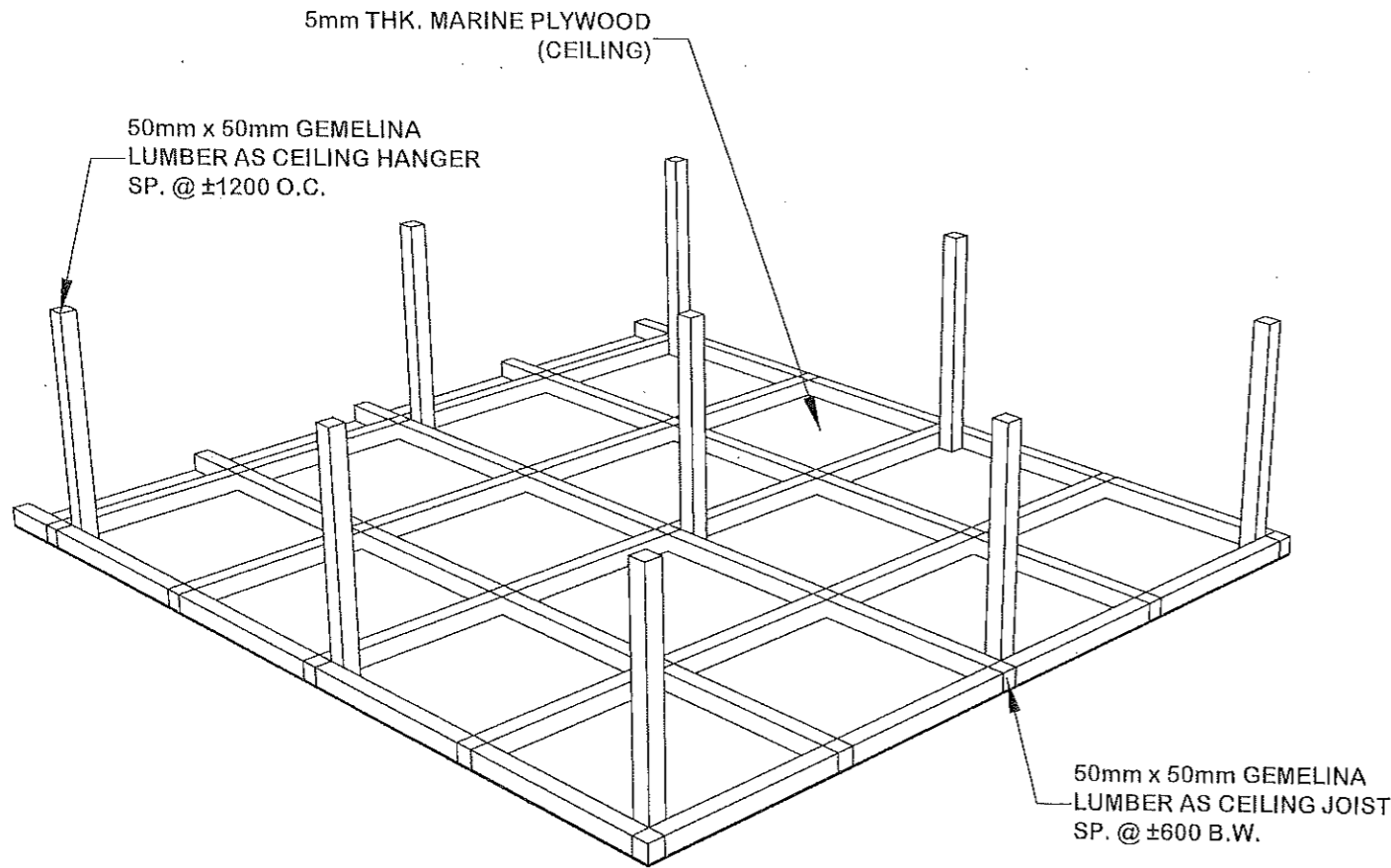
REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

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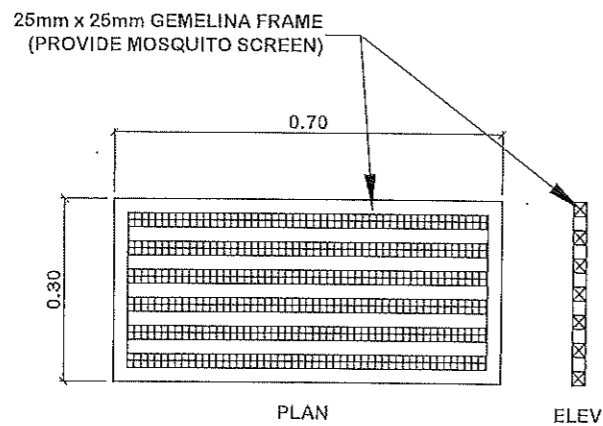
APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

**21**  
**40**

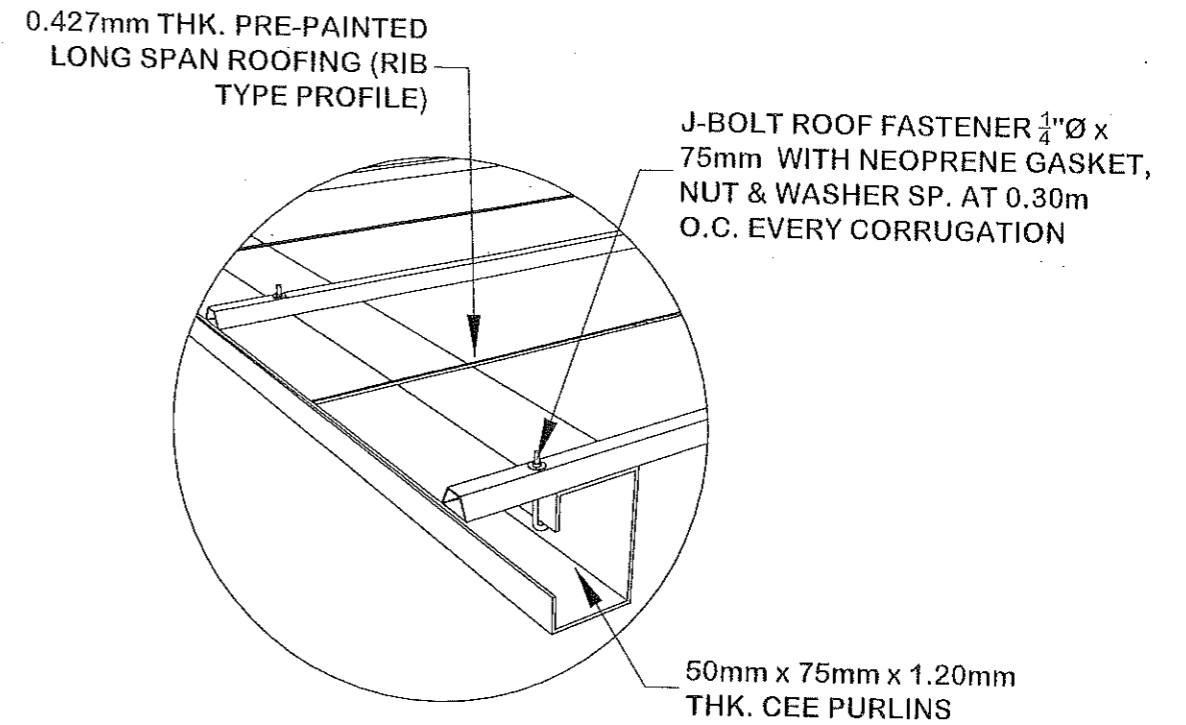




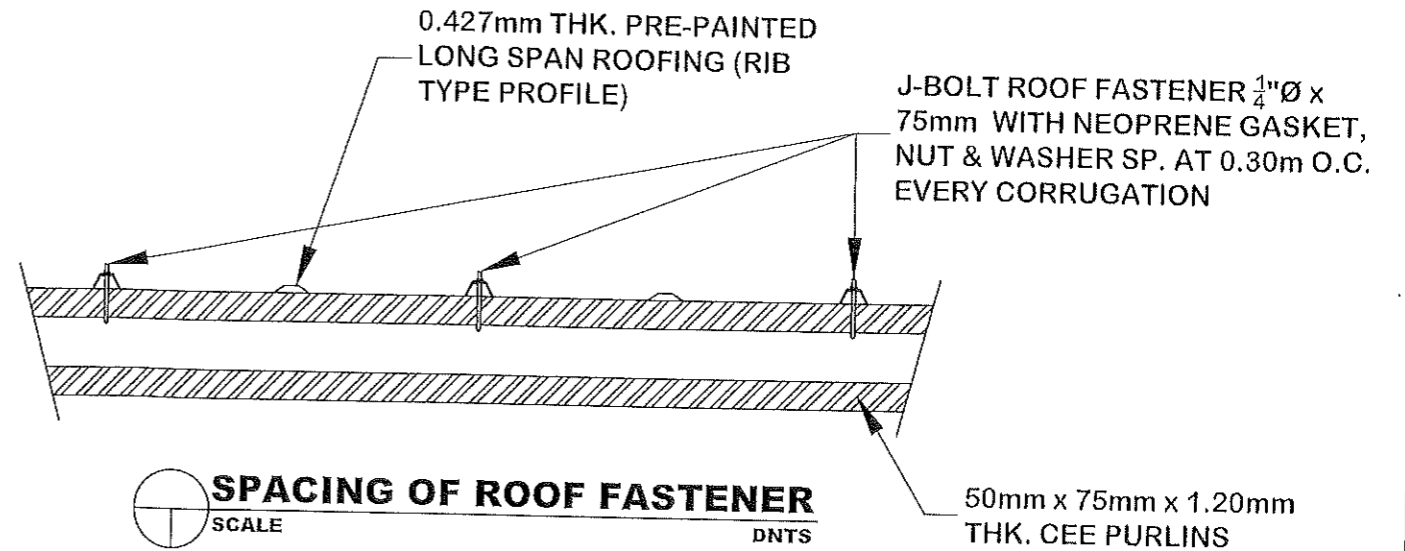
**TYPICAL CEILING FRAMING DETAIL**  
SCALE DNTS



**CEILING VENT DETAIL**  
SCALE DNTS



**ROOF TO PURLIN CONNECTION DETAIL**  
SCALE DNTS



**SPACING OF ROOF FASTENER**  
SCALE DNTS



REPUBLIC OF THE PHILIPPINES  
PROVINCIAL ENGINEER'S OFFICE  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**

LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

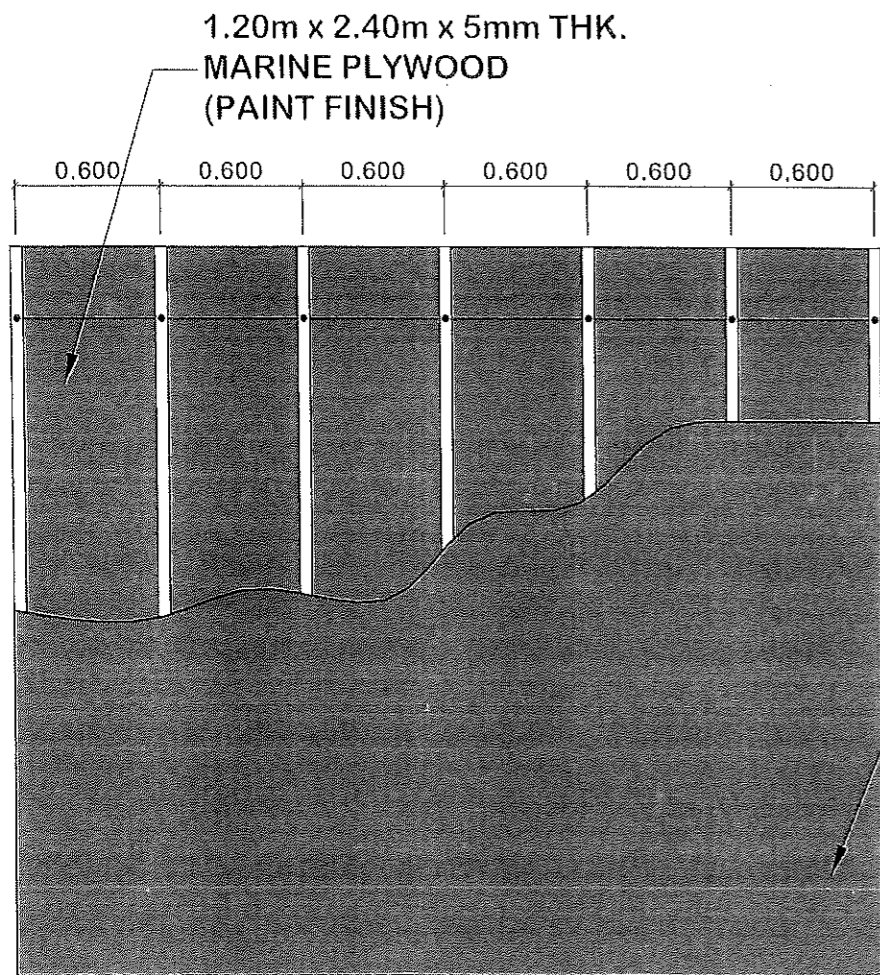
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

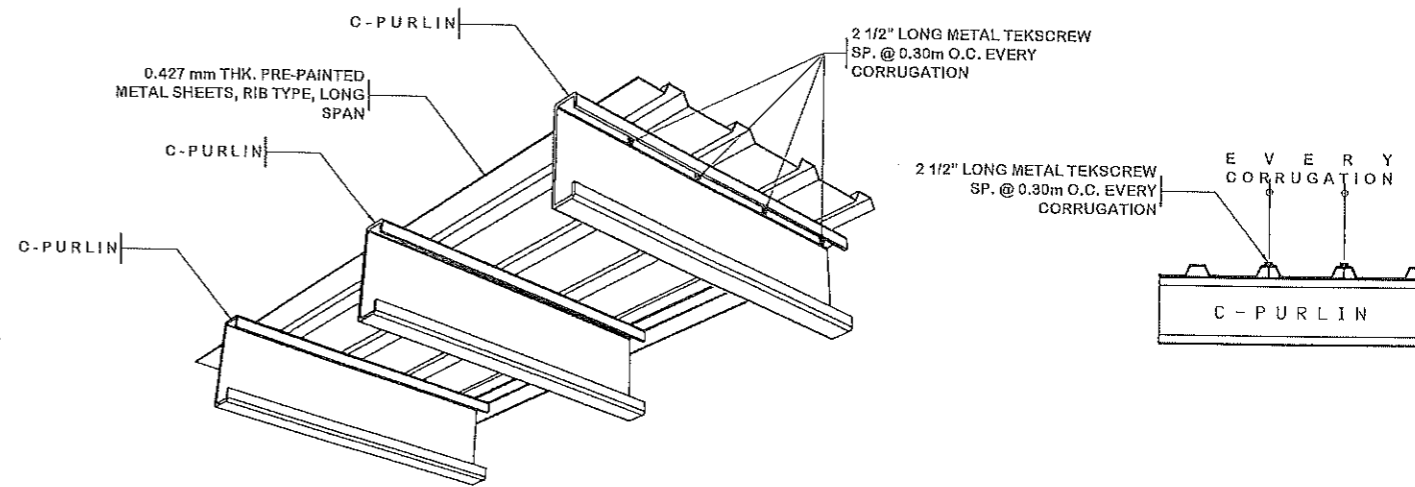
RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE ROMA CAGAS**  
Provincial Governor

22  
40



**DETAIL OF BACKDROP WALL**  
SCALE  
DNTS



Note: SPLICING FOR C-PURLINS MUST BE STAGGERED

**ROOF FASTENER SPACING DETAIL**  
SCALE  
DNTS



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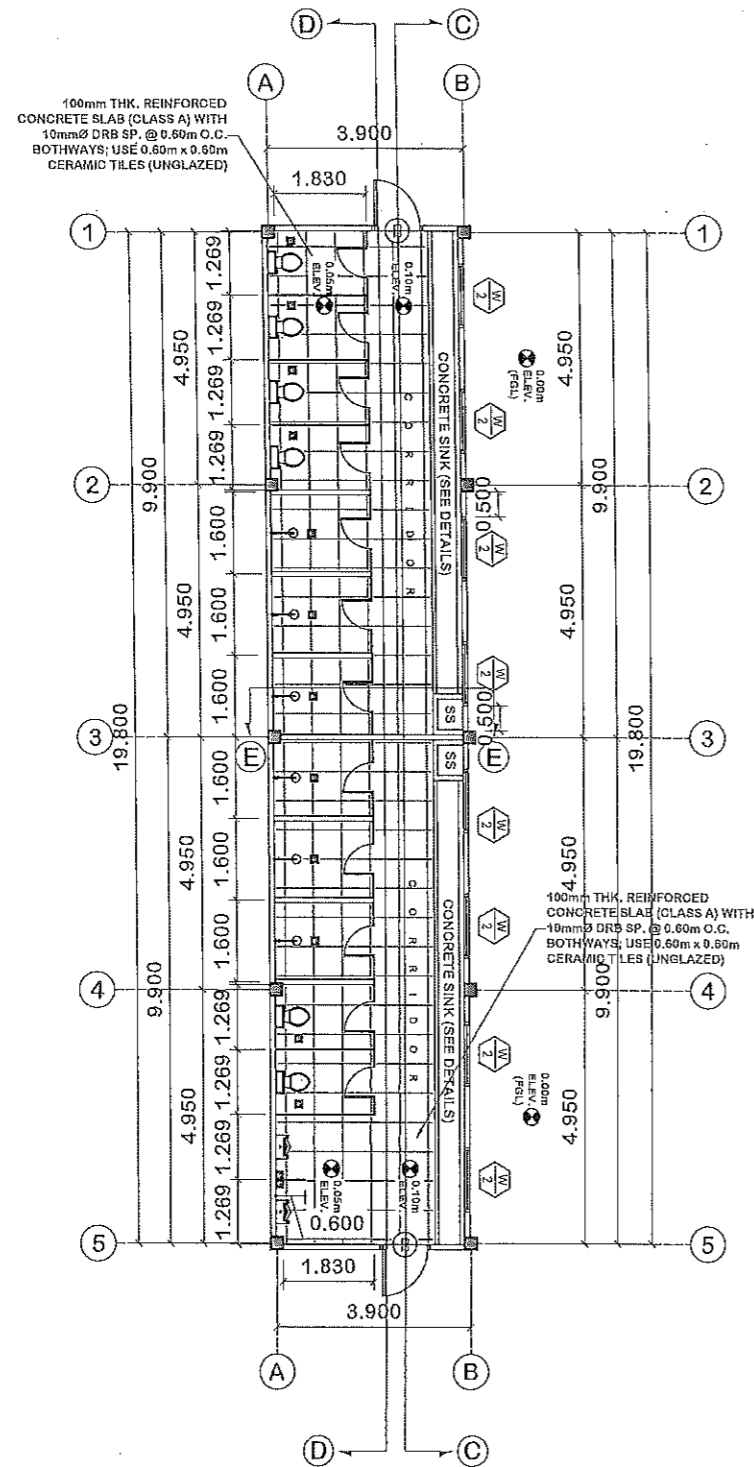
PREPARED BY:  
**JOSEPH RYAN B. REDOLOS**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

RECOMMENDING APPROVAL:  
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APPROVED BY:  
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Provincial Governor

**23**  
**40**



**PROPOSED RESTROOM FLOOR PLAN**  
SCALE 1:150

SCHEDULE OF DOORS & WINDOWS		
DRAWING		
MARK	D2	W2
LOCATION	ENTRANCE / EXIT	RESTROOM
QUANTITY	2 UNITS	8 UNITS
SPECIFICATIONS	0.90m x 2.10m PANEL DOOR, SHOP MADE, WITH JAMB (K.D., GEMELINA OR ITS EQUIV.)	6.00mm THK. BRONZE GLASS WINDOW, AWNING TYPE, ANALOK FRAME
ACCESSORIES (FOR INDIVIDUAL UNIT)	1 - DOOR KNOB, CYLINDRICAL, ANTIQUE BRASS (YALE, KWIKSET, SCHALGE OR ITS EQUIV.) 4 - 3 1/2" x 3 1/2" BRASS LOOSE PIN BUTT HINGES	



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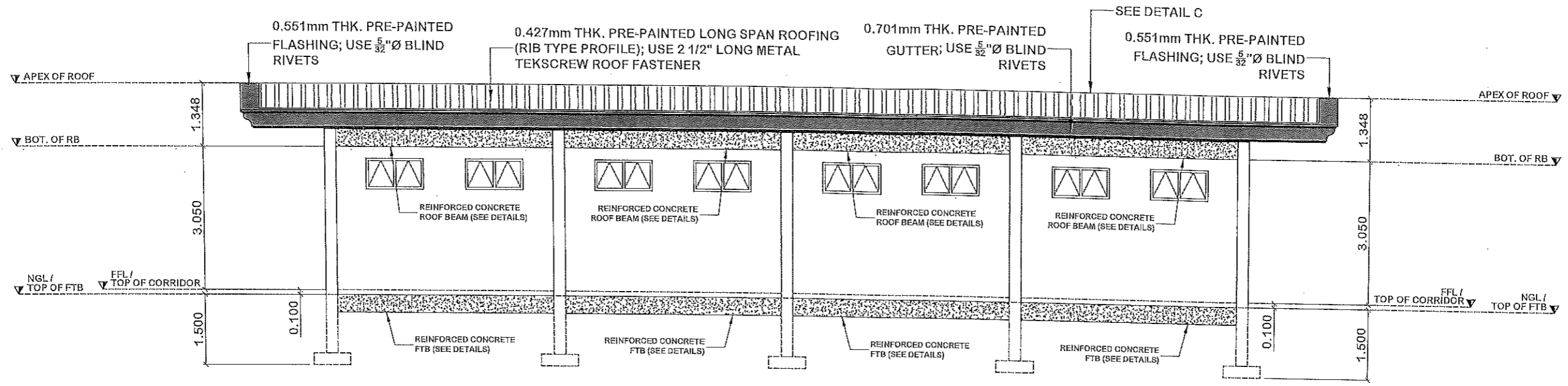
PREPARED BY:  
**JOSEPH RYAN B. REDOLOS**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

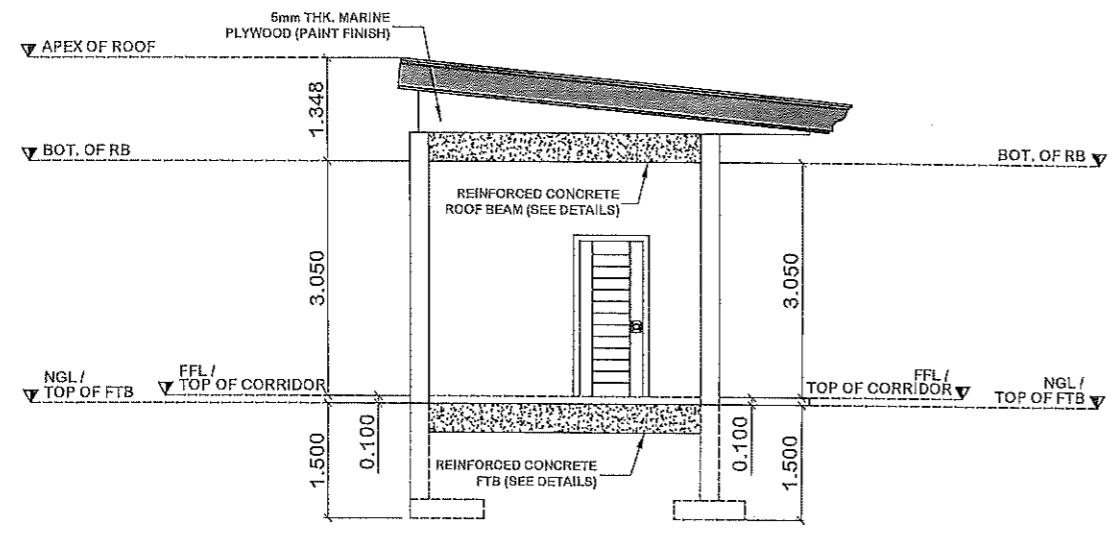
RECOMMENDING APPROVAL:  
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APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

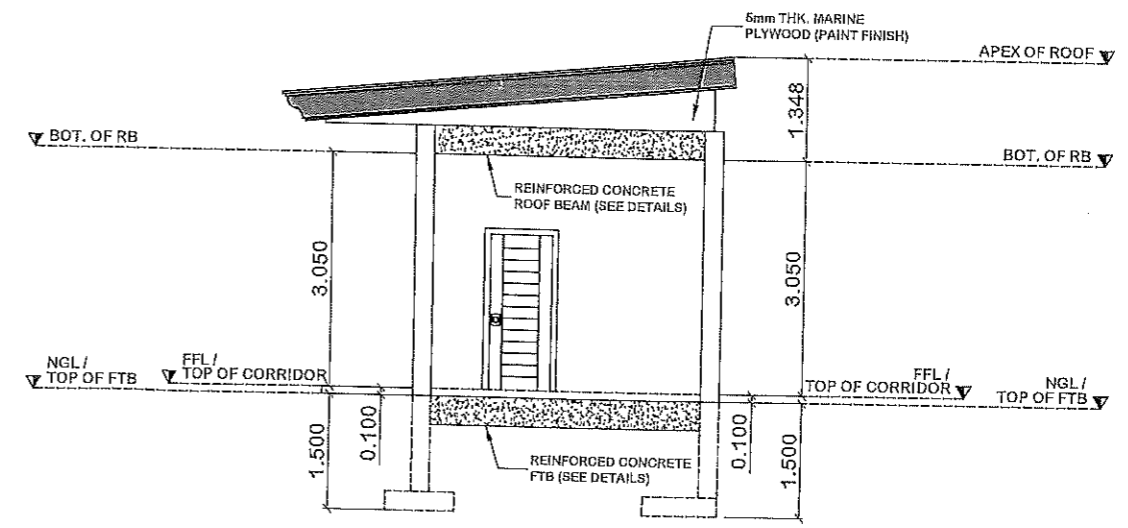
**24**  
**40**



**RESTROOM FRONT ELEVATION**  
SCALE 1:100

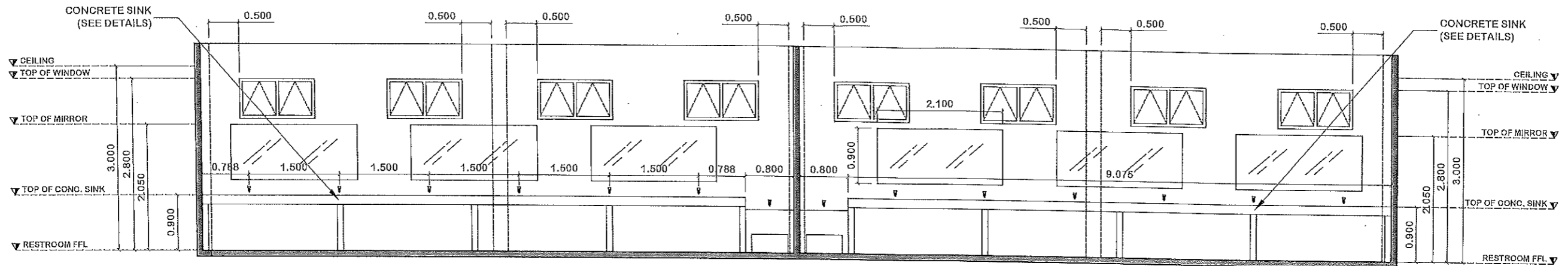


**RESTROOM LEFT SIDE ELEVATION**  
SCALE 1:100

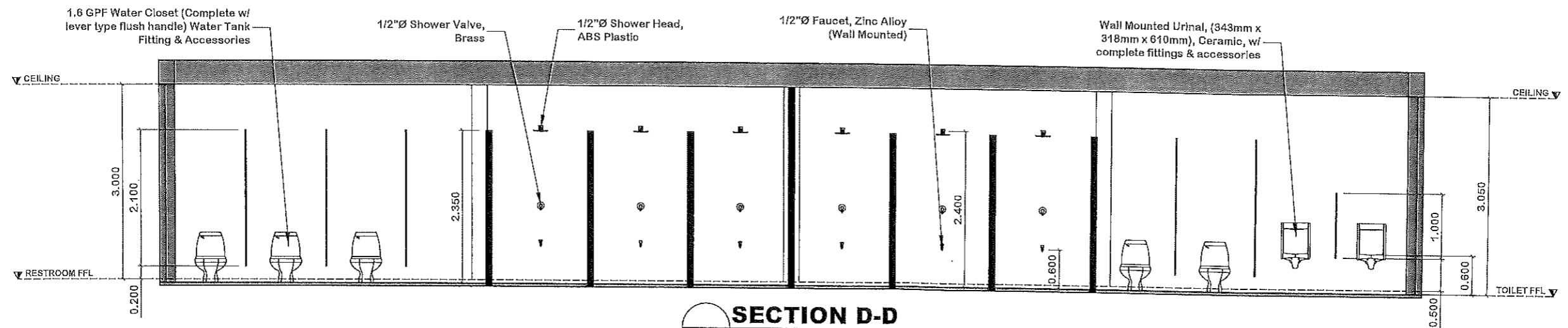


**RESTROOM RIGHT SIDE ELEVATION**  
SCALE 1:100

<p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL: <b>ANGELIE R. GALLA</b> PGADH - Assistant Provincial Engineer DIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY: <b>YVONNE ROXA CAGAS</b> Provincial Governor	<p>25</p> <hr/> <p>40</p>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					



**SECTION C-C**  
SCALE 1:75



**SECTION D-D**  
SCALE 1:75



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
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LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

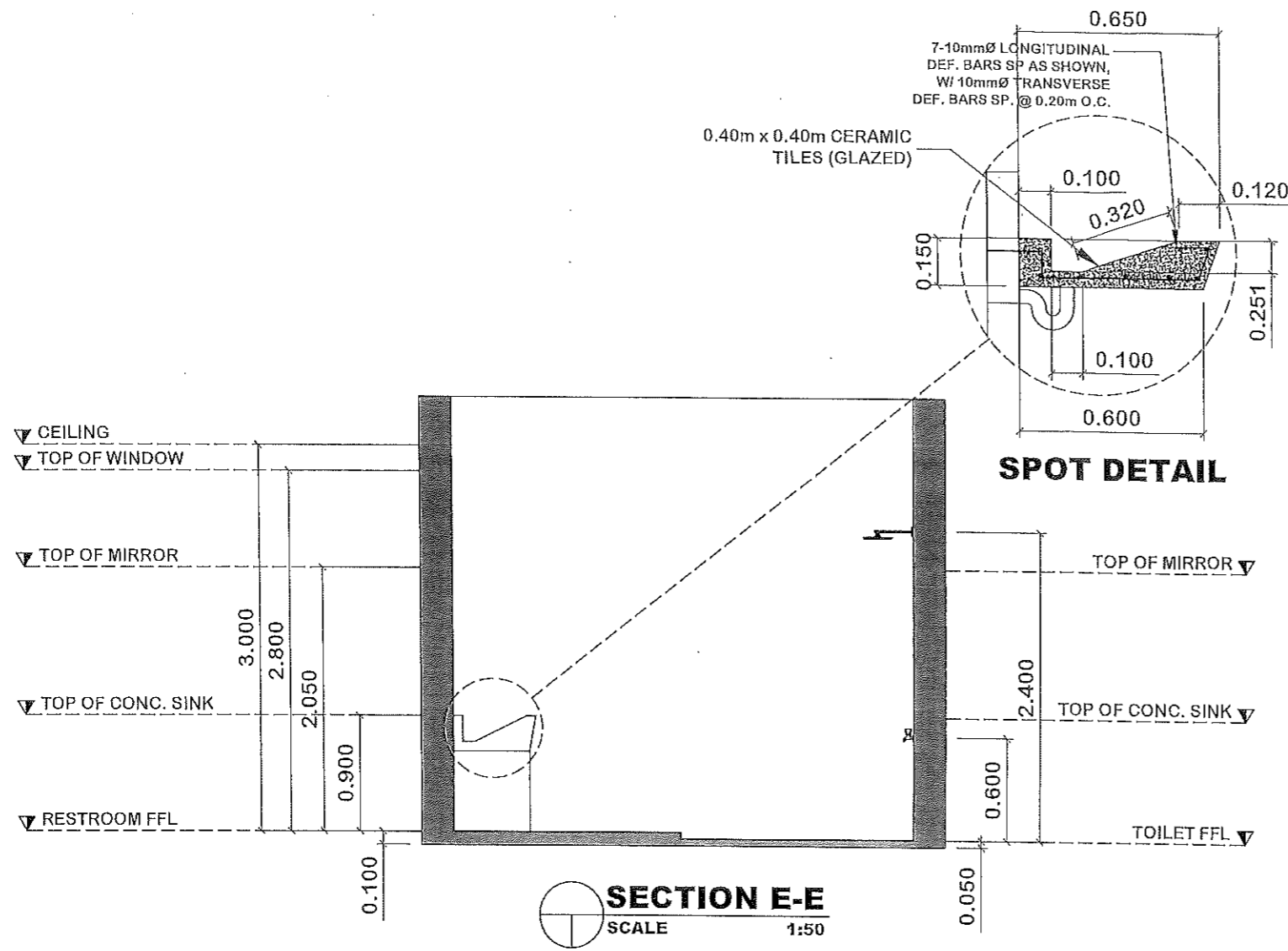
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

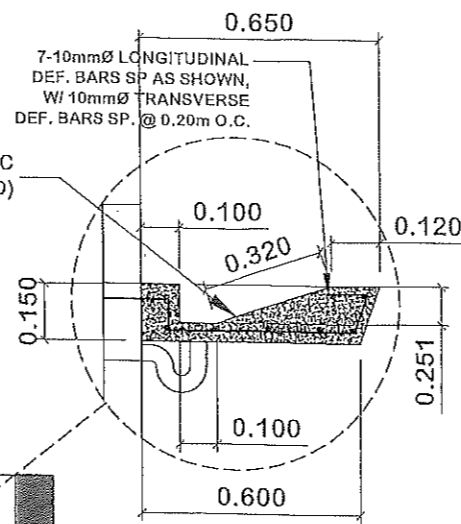
RECOMMENDING APPROVAL:  
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OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE RONA GAGAS**  
Provincial Governor

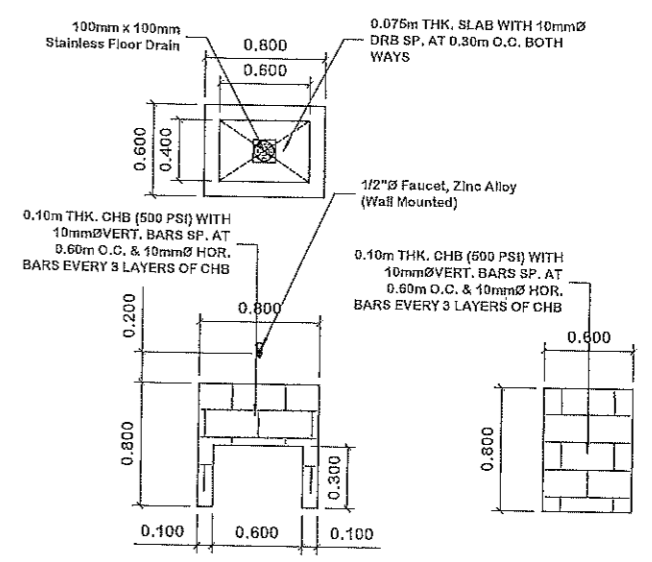
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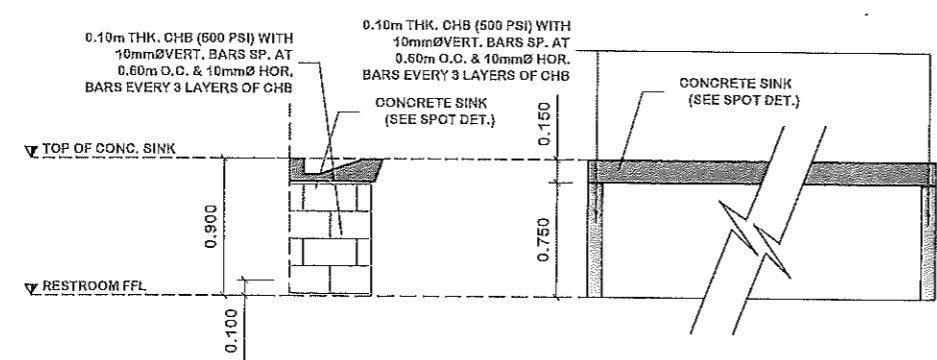
**SECTION E-E**  
SCALE 1:50



**SPOT DETAIL**



**SLOP SINK DETAIL**  
SCALE 1:50



**CONCRETE SINK DETAIL**  
SCALE 1:50



REPUBLIC OF THE PHILIPPINES  
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SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
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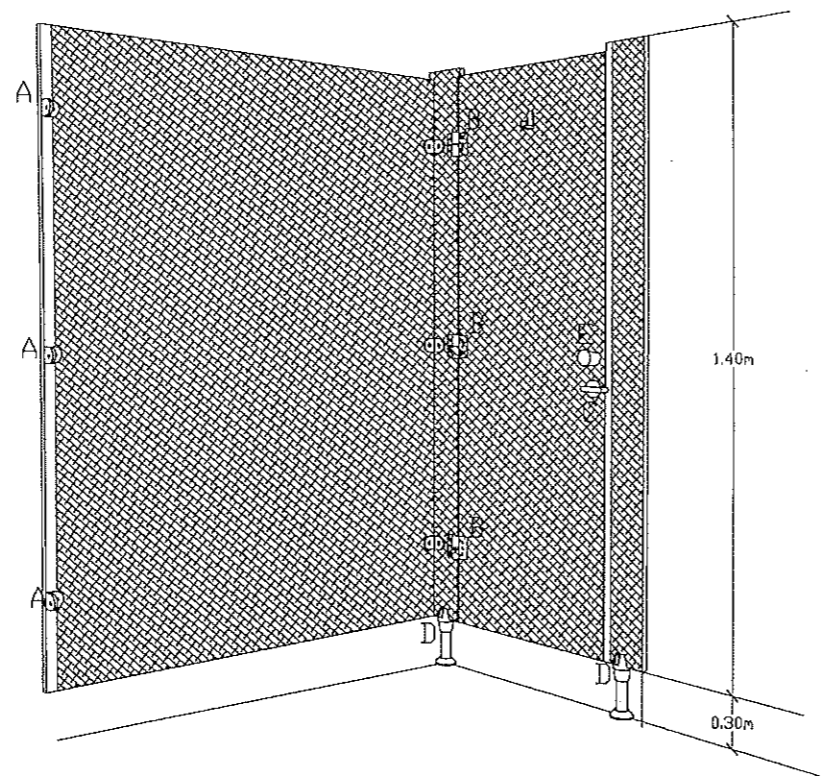
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head


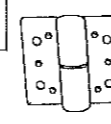
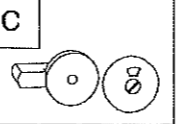

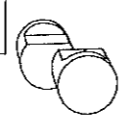
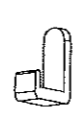
RECOMMENDING APPROVAL:  
**ANGELIE R. GELIA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor

### TOILET WALL PARTITION DETAIL



-WALL PARTITION - PHENOLIC BOARD PAINTED FINISH

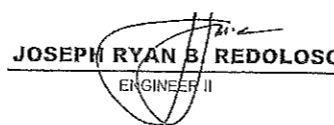
A		STAINLESS STEEL CORNER BRACKET
B		STAINLESS STEEL SELF CLOSING HINGE
C		STAINLESS STEEL INDICATOR LOCK
D		STAINLESS STEEL ADJUSTABLE LEG FOOT
E		STAINLESS STEEL KNOB HANDLE
F		STAINLESS STEEL TOWEL HOOK

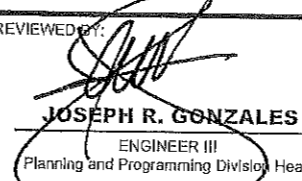


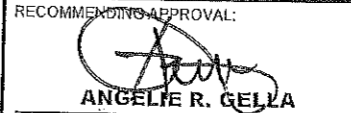
REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
 SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR


PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**

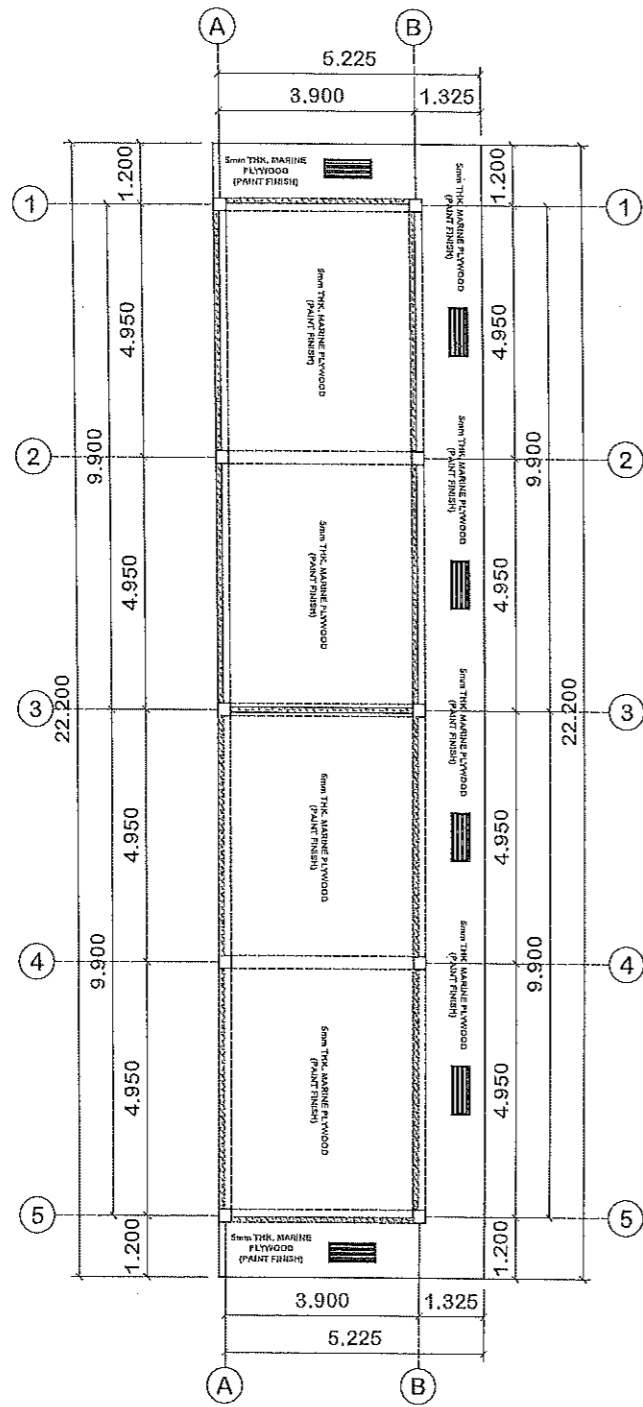
LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY,  
 DAVAO DEL SUR**

PREPARED BY:  
  
**JOSEPH RYAN B. REDOLOSO**  
 ENGINEER II

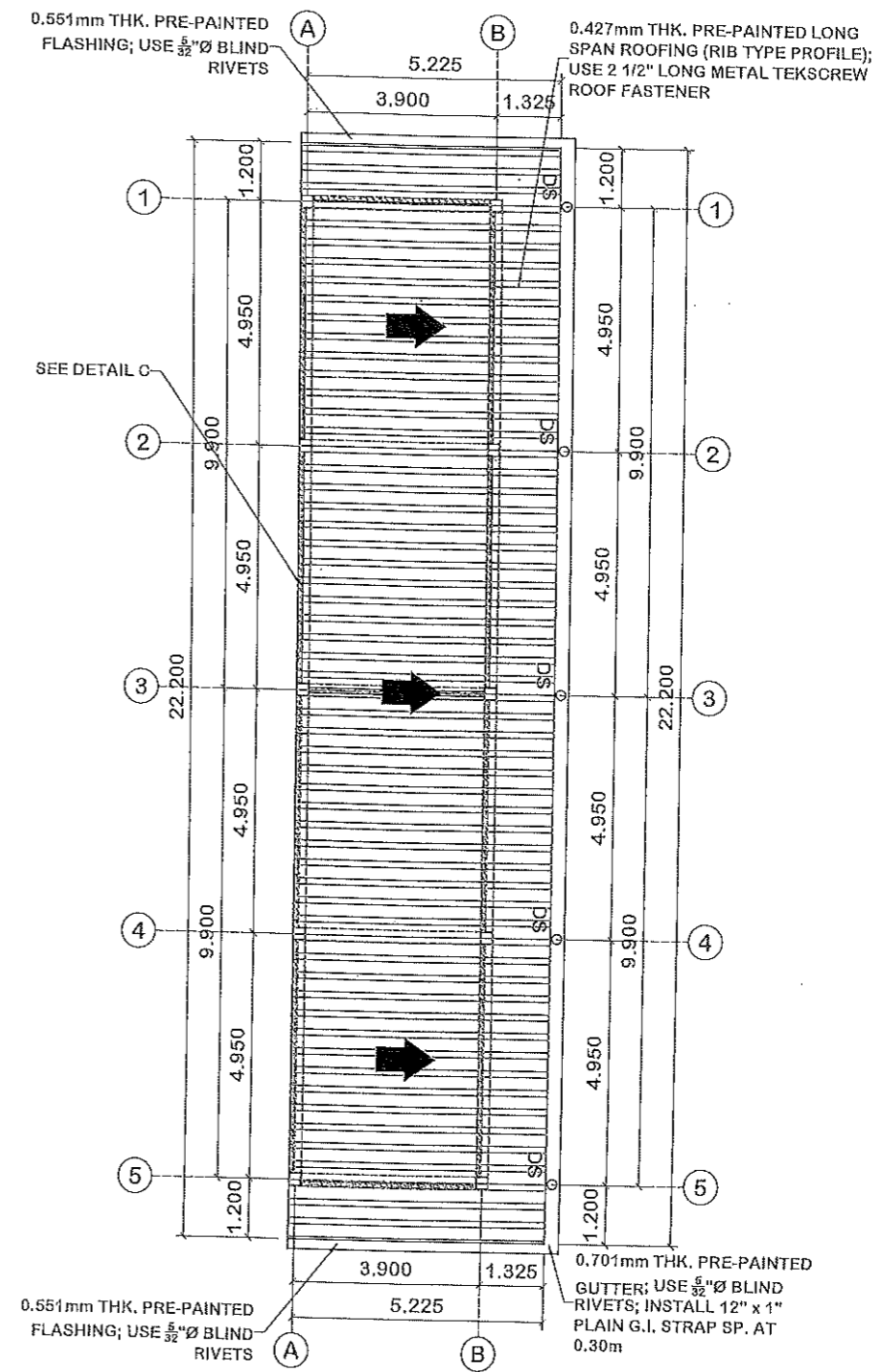
REVIEWED BY:  
  
**JOSEPH R. GONZALES**  
 ENGINEER III  
 Planning and Programming Division Head

RECOMMENDING APPROVAL:  
  
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 (As per Memo, Order No. 22-2023)

APPROVED BY:  
  
**YVONNE ROMO CAGAS**  
 Provincial Governor



**RESTROOM REFLECTED CEILING PLAN**  
SCALE 1:150



**RESTROOM ROOF PLAN**  
SCALE 1:150



REPUBLIC OF THE PHILIPPINES  
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LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY,  
DAVAO DEL SUR**

PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

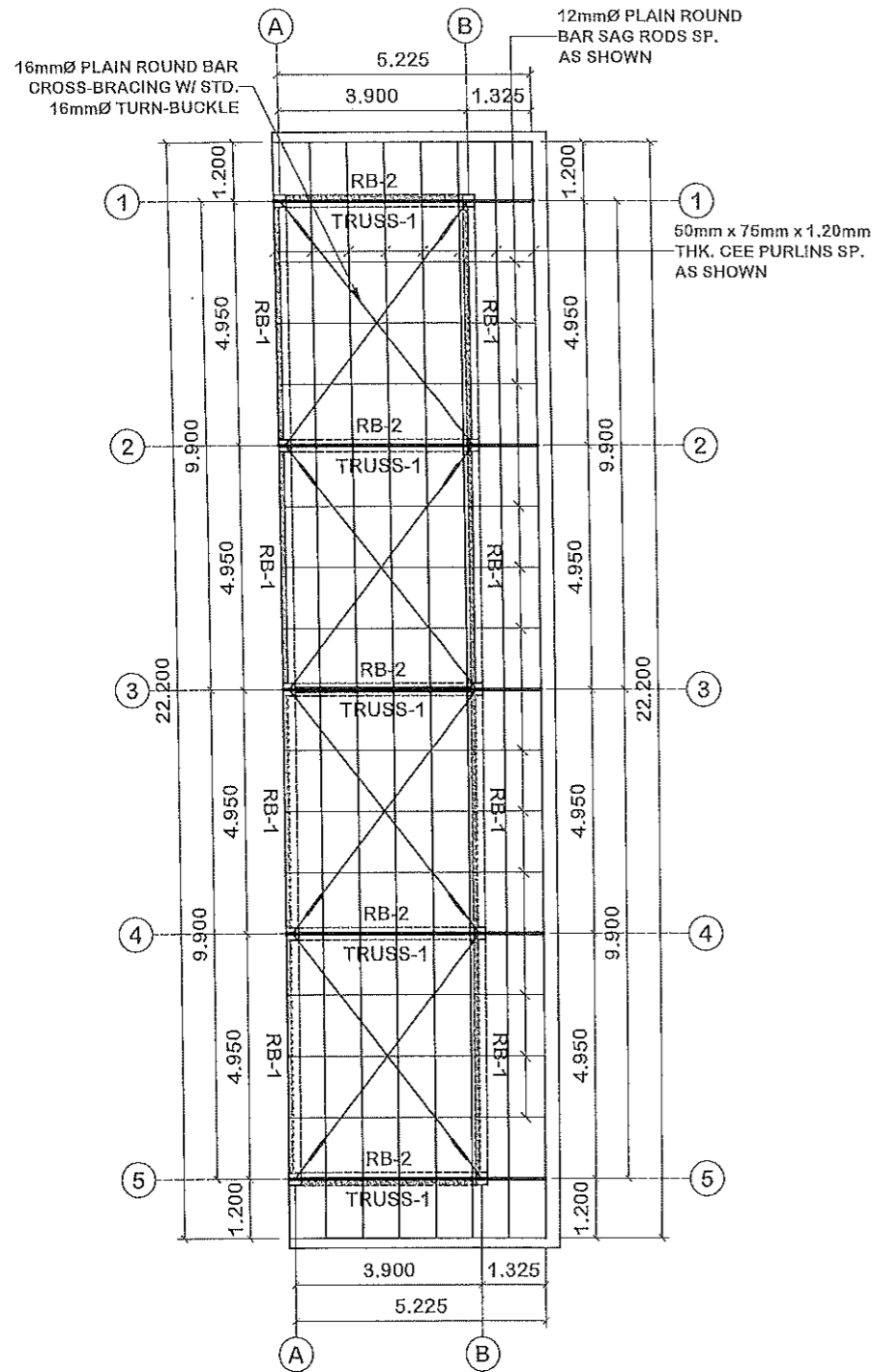
RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE ROSA CAGAS**  
Provincial Governor

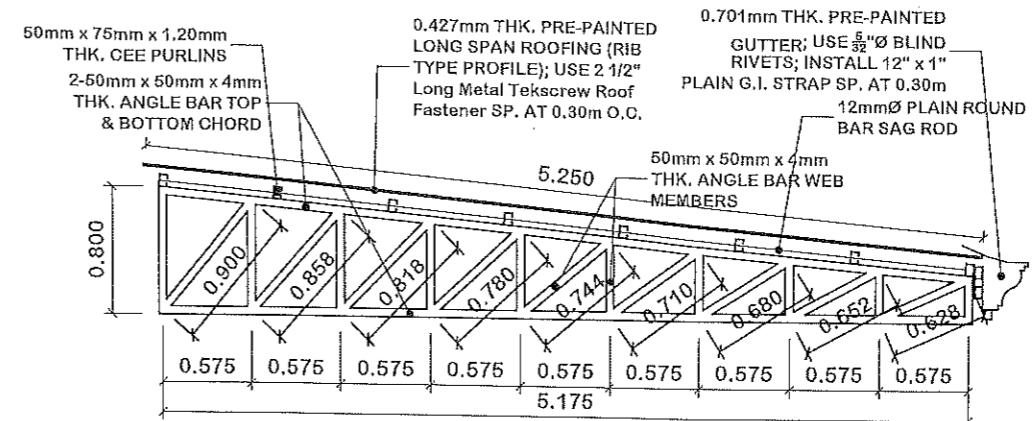
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**40**



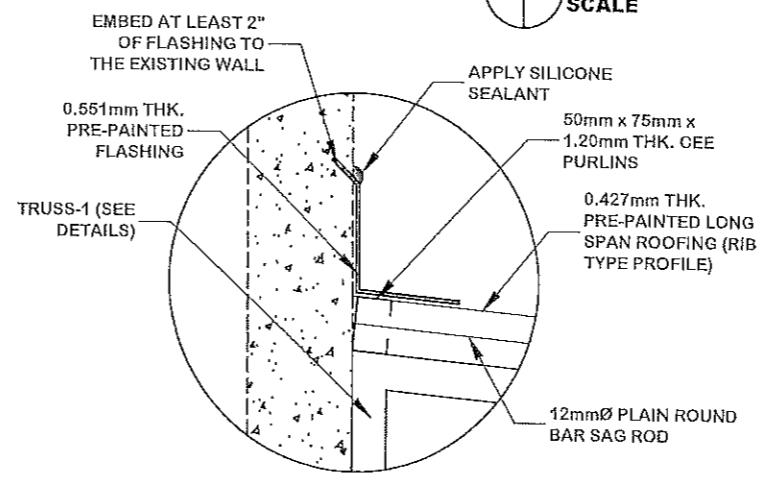
SCHEDULE OF REINFORCED CONCRETE ROOF BEAM							
MARK	BEAM SECTION			BAR Ø (mm)		LONGITUDINAL REINFORCEMENT	STIRRUPS
	WIDTH (m)	DEPTH (m)	LENGTH (m)				
RB-1	0.25	0.375	4.9500	12	TB	2 - 12mmØ CONT. DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS
					BB	3 - 12mmØ CONT. DEFORMED BARS	
RB-2	0.25	0.375	3.9000	12	TB	2 - 12mmØ CONT. DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS
					BB	3 - 12mmØ CONT. DEFORMED BARS	



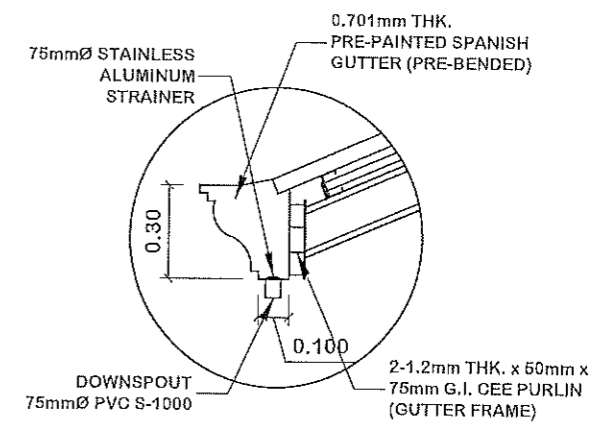
RESTROOM ROOF FRAMING PLAN  
SCALE 1:150



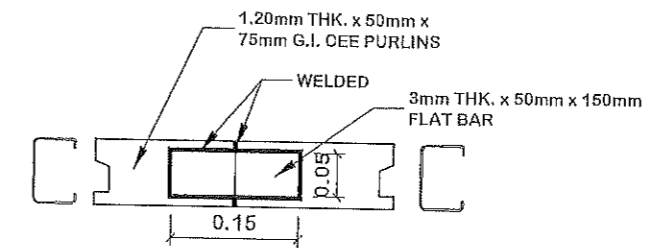
TRUSS-1 DETAILS  
SCALE DNTS



DETAIL C  
SCALE DNTS



GUTTER DETAIL  
SCALE DNTS



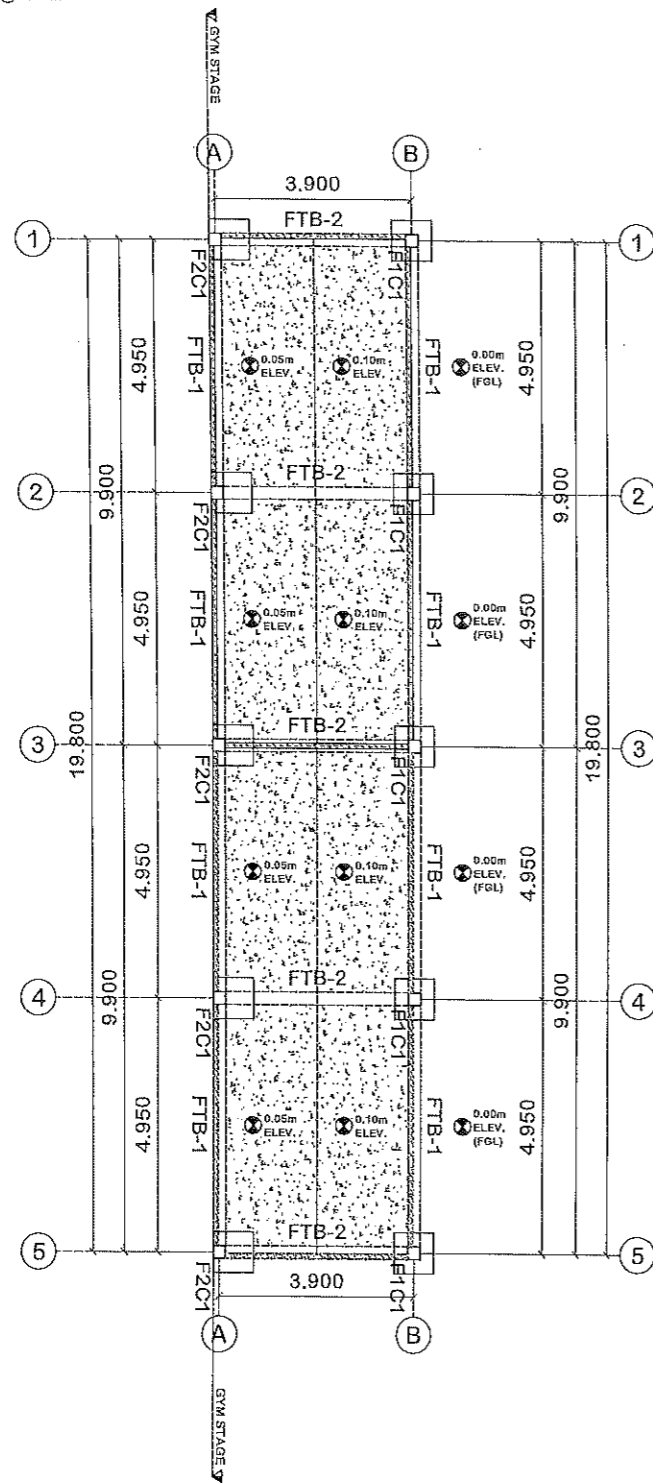
PURLIN CONNECTOR DETAIL  
SCALE DNTS

<p>REPUBLIC OF THE PHILIPPINES PROVINCIAL ENGINEER'S OFFICE SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOS</b> ENGINEER II	REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL: <b>ANGELIE R. GELIA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY: <b>YVONNE ROJA CAGAS</b> Provincial Governor	<p>30</p> <p>40</p>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					

NOTE:

0.10m THK. CHB (500 PSI) WITH 10mmØ VERT. BARS SP. AT 0.60m O.C. & 10mmØ HOR. BARS EVERY 3 LAYERS OF CHB (PLASTER & PAINT FINISH)

0.10m THK. REINFORCED CONCRETE SLAB (CLASS A) WITH 10mmØ DRB SP. @ 0.60m O.C. BOTHWAYS



**RESTROOM FOUNDATION PLAN**  
SCALE 1:150

SCHEDULE OF REINFORCED CONCRETE FOOTING TIE BEAM							
MARK	BEAM SECTION			BAR Ø (mm)	LONGITUDINAL REINFORCEMENT	STIRRUPS	
	WIDTH (m)	DEPTH (m)	LENGTH (m)				
FTB-1	0.25	0.375	4.9500	12	TB	2 - 12mmØ CONT. DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS
					BB	3 - 12mmØ CONT. DEFORMED BARS	
FTB-2	0.25	0.375	3.9000	12	TB	2 - 12mmØ CONT. DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS
					BB	3 - 12mmØ CONT. DEFORMED BARS	

SCHEDULE OF REINFORCED CONCRETE COLUMN						
MARK	COLUMN SECTION			BAR Ø (mm)	VERTICAL REINFORCEMENT	LATERAL TIES
	B (m)	W (m)	LENGTH (m)			
C1	0.25	0.25	4.4	12	4 - 12mmØ CONT. DEFORMED BARS	10mmØ: 1@50mm, 3@100mm, REST @ 150mm O.C. BOTH ENDS

SCHEDULE OF REINFORCED CONCRETE FOOTING						
MARK	COLUMN SECTION			BAR Ø (mm)	REINFORCEMENT	
	B (m)	W (m)	T (m)		BARS ALONG "B"	BARS ALONG "W"
F1	0.8	0.8	0.25	12	6 - 12mmØ	6 - 12mmØ
F2	0.8	0.8	0.25	12	6 - 12mmØ	6 - 12mmØ



REPUBLIC OF THE PHILIPPINES  
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LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER II















REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

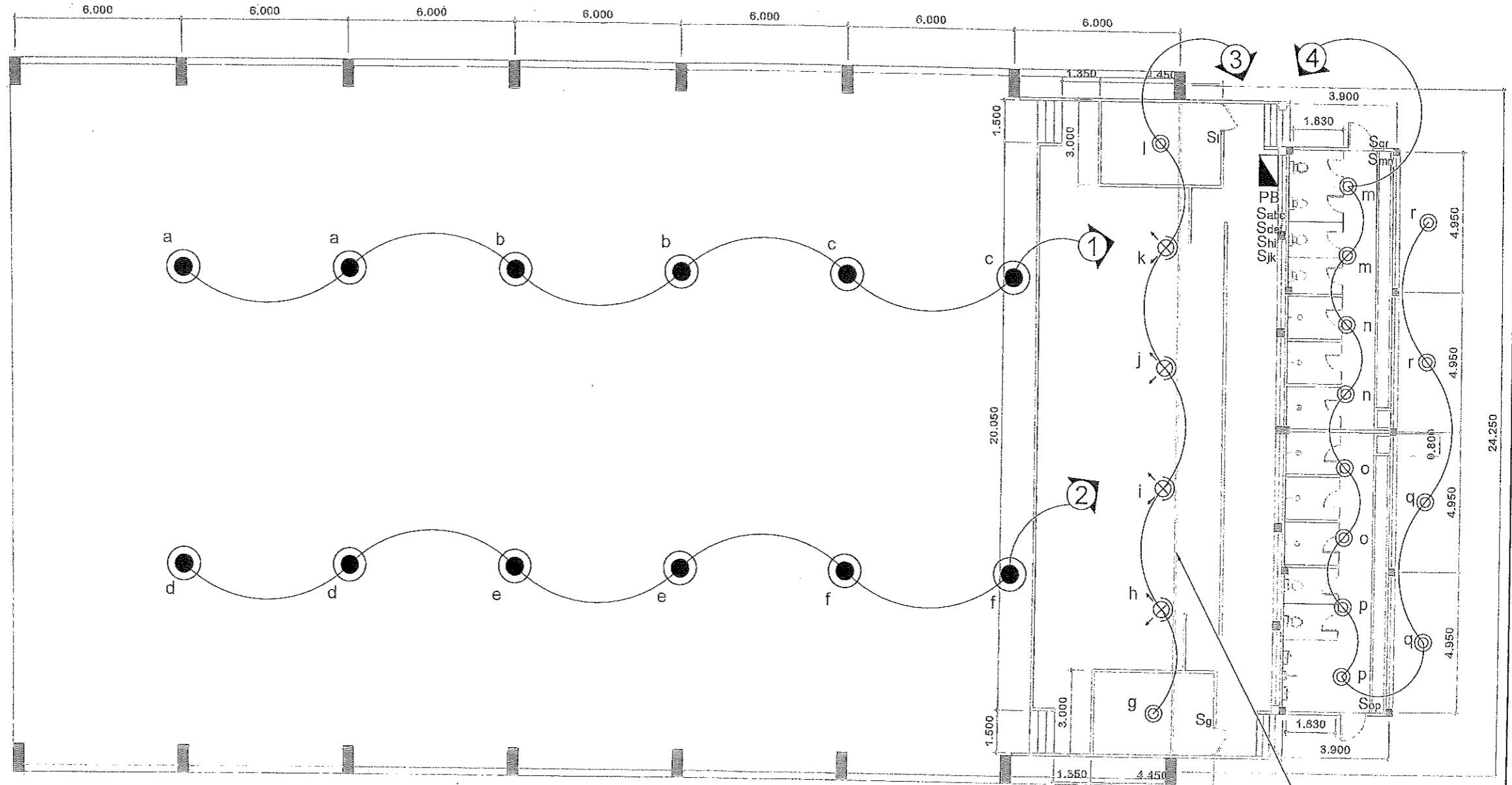
RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo. Order No. 22-2023)

APPROVED BY:  
**YVONNE ROMA CAGAS**  
Provincial Governor

**31**  
**40**




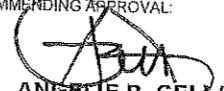
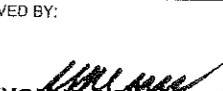
**LEGEND**

-  SERVICE ENTRANCE
-  KILOWATT HOUR METER
-  PANEL BOARD
-  CIRCUIT HOMERUN
-  ONE GANG CONVENIENCE OUTLET ON 2" X 4" UTILITY BOX, METAL, MOUNTED ON TRUSS. (PREPARATION FOR FUTURE HVLS INDUSTRIAL CEILING FAN INSTALLATION)
-  TWO GANG CONVENIENCE OUTLET W/ PLATE, FLUSH TYPE UNIVERSAL TYPE
-  ONE GANG SWITCH WITH PLATE, FLUSH TYPE
-  TWO GANG SWITCH WITH PLATE, FLUSH TYPE
-  THREE GANG SWITCH WITH PLATE, FLUSH TYPE
-  EXISTING LED SHALLOW REFLECTOR LIGHTING
-  30W LED FLOOD LIGHT, DAYLIGHT
-  PINLIGHT 6" DIA. ADJUSTABLE CASING RECESSED TYPE WITH 12W LED BULB, DAYLIGHT
-  LIGHTING CKT LINE
-  POWER CKT LINE

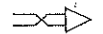




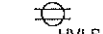
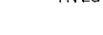

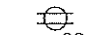




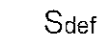


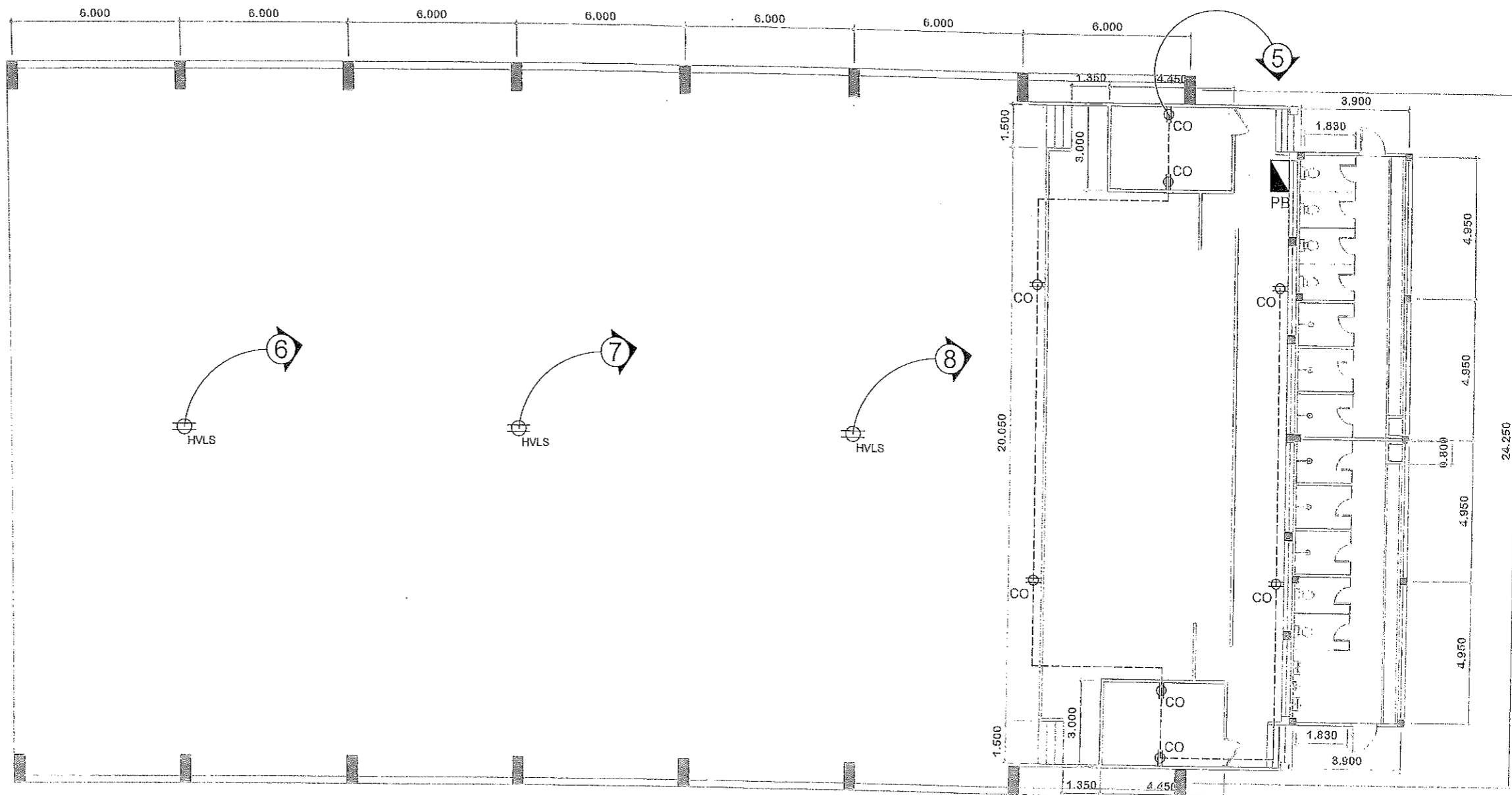
**LIGHTING LAYOUT**

DNTS

 REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>CHRISTIAN ROD F. DUMASIG</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY:  <b>YVONNE ROMA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span style="font-size: 24px; font-weight: bold;">32</span> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					

**LEGEND**


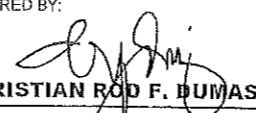
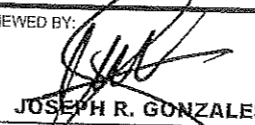

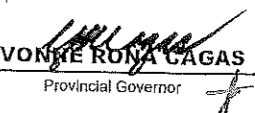
-  SERVICE ENTRANCE
-  KILOWATT HOUR METER
-  PANEL BOARD
-  CIRCUIT HOMERUN
-  ONE GANG CONVENIENCE OUTLET ON 2" X 4" UTILITY BOX, METAL MOUNTED ON TRUSS. (PREPARATION FOR FUTURE HVLS INDUSTRIAL CEILING FAN INSTALLATION)
-  TWO GANG CONVENIENCE OUTLET W/ PLATE, FLUSH TYPE UNIVERSAL TYPE
-  ONE GANG SWITCH WITH PLATE, FLUSH TYPE
-  TWO GANG SWITCH WITH PLATE, FLUSH TYPE
-  THREE GANG SWITCH WITH PLATE, FLUSH TYPE
-  EXISTING LED SHALLOW REFLECTOR LIGHTING
-  30W LED FLOOD LIGHT, DAYLIGHT
-  PINLIGHT 6" DIA. ADJUSTABLE CASING RECESSED TYPE WITH 12W LED BULB, DAYLIGHT
-  LIGHTING CKT LINE
-  POWER CKT LINE



**POWER LAYOUT**

DNTS



 REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>CHRISTIAN ROD F. DUMASIG</b> ENGINEER I	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)	APPROVED BY:  <b>YVONNE RONA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span style="font-size: 24px; font-weight: bold;">33</span> <hr style="width: 80%;"/> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY,                  DAVAO DEL SUR</b>					

# ELECTRICAL SCOPE OF WORKS

1. REMOVAL AND REWIRING OF ALL EXISTING WIRINGS AND CONDUITS EXCLUDING SERVICE DROP WIRE AND ACCESSORIES FROM SUPPLY SIDE.
2. REMOVAL OF ALL EXISTING LIGHTINGS, SWITCHES AND CONVENIENCE OUTLETS EXCEPT EXISTING 12 - LED SHALLOW REFLECTOR LIGHTING FIXTURE MOUNTED ON TRUSS
3. REMOVAL OF EXISTING PANELBOARD AND CIRCUIT BREAKERS INCLUDING ACCESSORIES.
4. REUSE EXISTING 12 - LED SHALLOW REFLECTOR LIGHTINGS.
5. INSTALLATION OF NEW 30W LED FLOOD LIGHTS (IP65, DAYLIGHT), MOUNTED ON END WALL GIRT FACING DOWNWARD. (SEE ELECTRICAL PLAN)
6. INSTALLATION OF NEW LIGHTINGS AND SWITCHES. (SEE ELECTRICAL PLAN)
7. INSTALLATION OF NEW TWO GANG CONVENIENCE OUTLETS (SEE ELECTRICAL PLAN)
8. INSTALLATION OF NEW 10 BRANCH SIDE MAIN PANELBOARD AND CIRCUIT BREAKERS. (SEE ELECTRICAL PLAN)
9. INSTALLATION OF NEW ONE GANG CONVENIENCE OUTLET ON 2" X 4" UTILITY BOX, METAL. MOUNTED ON TRUSS. (PREPARATION FOR FUTURE HVLS INDUSTRIAL CEILING FAN INSTALLATION) (SEE ELECTRICAL PLAN)

# NOTES & SPECIFICATION

ALL ELECTRICAL INSTALLATIONS HEREIN SHALL BE IN ACCORDANCE WITH THE LATEST RULES & REGULATION OF THE PHILIPPINE ELECTRICAL CODE & THE LOCAL POWER COMPANY.

ALL ELECTRICAL MATERIALS TO BE INSTALLED HEREIN MUST BE BRANDNEW AND OF APPROVED TYPE & QUALITY.

WIRINGS PASSING THROUGH CONCRETE MASONRY, CEILINGS, COLUMNS, BEAM, SLABS MUST BE CONCEALED TYPE USING PVC PIPE OR FLEXIBLE PIPE.

PROVIDE PANELBOARD DIRECTORY FOR CIRCUIT IDENTIFICATION.

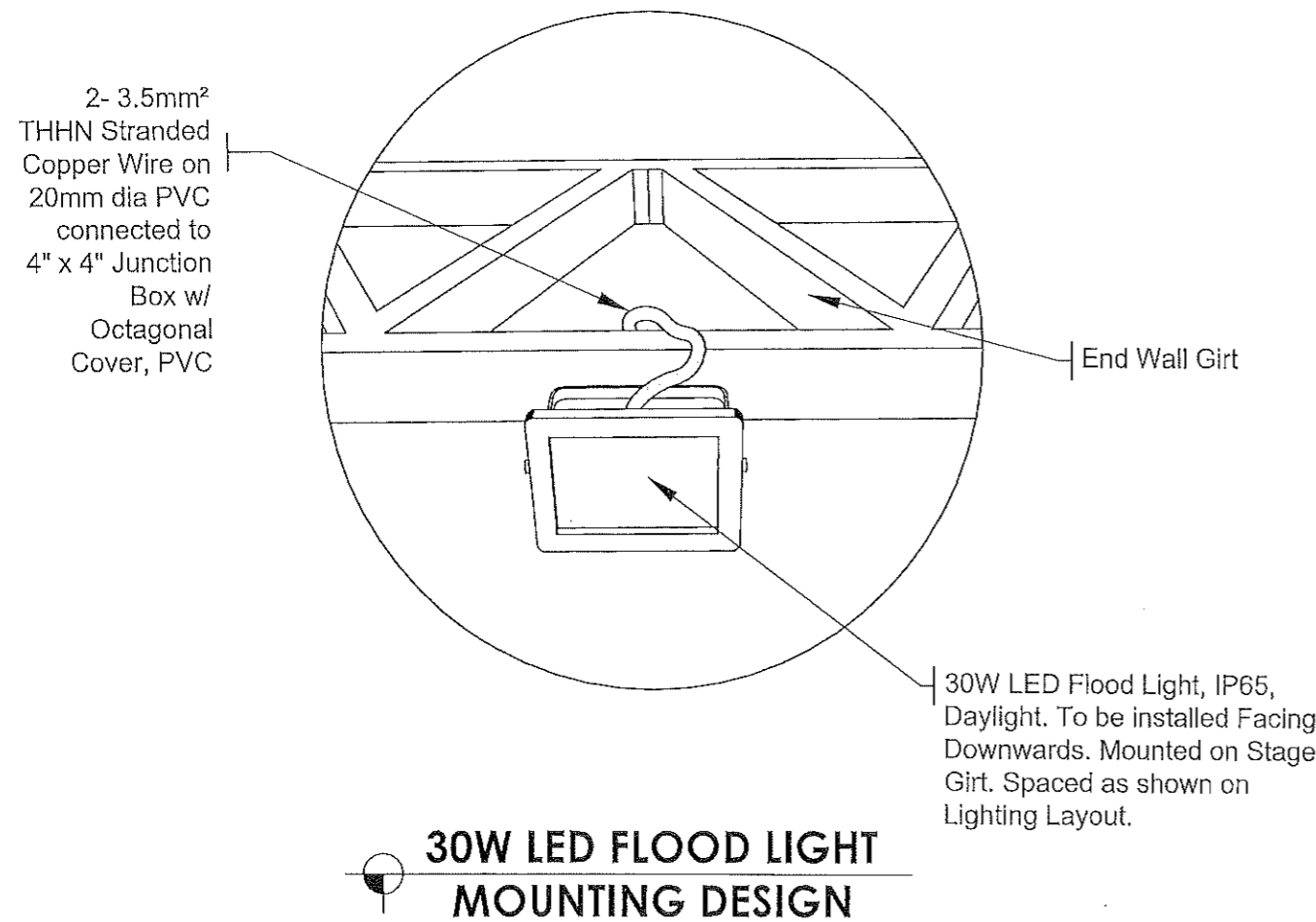
MOUNTING HEIGHTS ABOVE FINISH FLOOR LINE

SWITCHES	1.37 m center
PANEL BOARD	1.83 m center
KILOWATT HOUR METER	1.83 m center
CONVENIENCE OUTLET	0.30 m bottom

ALL ELECTRICAL WORKS HEREIN MUST BE DONE ONLY UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.

# SCHEDULE OF LOADS AND COMPUTATIONS

CIRCUIT NO.	DESCRIPTION	QUANTITY	VOLTS	VOLT-AMP	CURRENT (AMPS)	CIRCUIT BREAKER	CONDUCTOR SIZE	CONDUIT SIZE
C1	LIGHTING OUTLET (SHALLOW REFLECTOR LIGHTINGS)	6	230	600	2.61	20 A	2- 3.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C2	LIGHTING OUTLET (SHALLOW REFLECTOR LIGHTINGS)	6	230	600	2.61	20 A	2- 3.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C3	LIGHTING OUTLET (FLOOD LIGHTS & PINLIGHTS)	6	230	600	2.61	20 A	2- 3.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C4	LIGHTING OUTLET (PINLIGHTS)	12	230	1,200	5.22	20 A	2- 3.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C5	CONVENIENCE OUTLET	8	230	1,440	6.26	20 A	2- 3.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C6	HVLS CEILING FAN OUTLET (PREPARATION FOR FUTURE INSTALLATION)	1	230	1,500	6.52	30 A	2- 5.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C7	HVLS CEILING FAN OUTLET (PREPARATION FOR FUTURE INSTALLATION)	1	230	1,500	6.52	30 A	2- 5.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C8	HVLS CEILING FAN OUTLET (PREPARATION FOR FUTURE INSTALLATION)	1	230	1,500	6.52	30 A	2- 5.5mm <sup>2</sup> THHN Stranded Copper Wire	20mm dia. PVC
C9	SPARE			600		20 A		
	MAIN			9,540		60 A	2- 14mm <sup>2</sup> THW Stranded Copper Wire	25mm dia. RSC



# COMPUTATION:

$$I_L = \frac{\text{TOTAL VA} \times 85\% \text{ DEMAND FACTOR}}{230 \text{ V}}$$

$$I_L = \frac{9,540 \text{ VA} \times 85\%}{230 \text{ V}}$$

$$I_L = 35.26 \text{ A}$$

$$I_{\text{CKT}} = I_L (1.25)$$

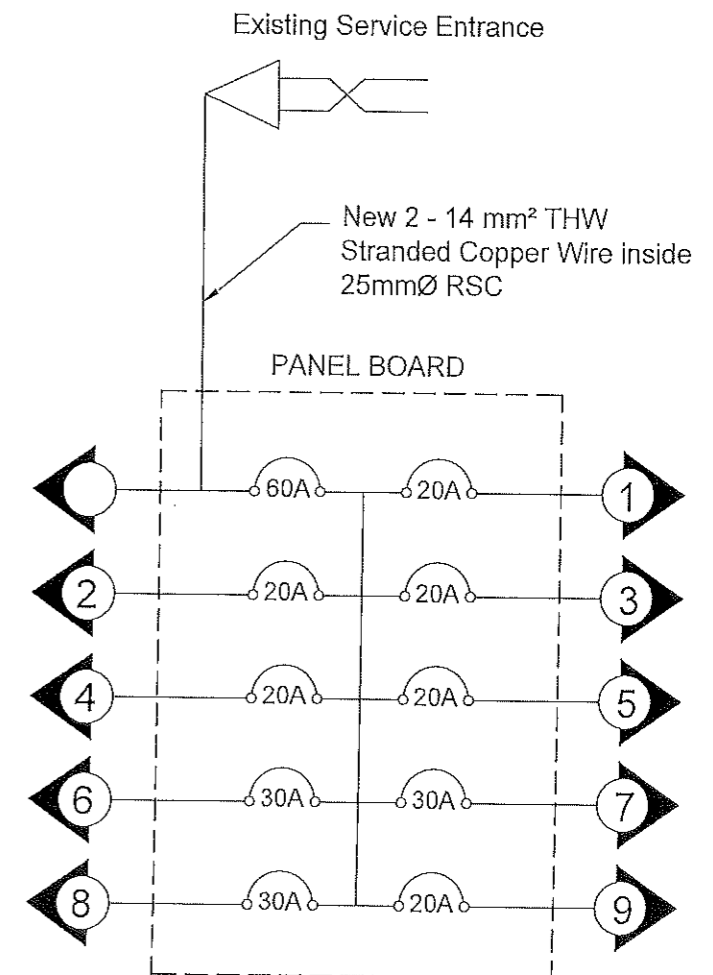
$$I_{\text{CKT}} = 35.26 (1.25)$$

$$I_{\text{CKT}} = 44.075 \text{ A}$$

# USE :

2- 14 mm<sup>2</sup> THW Stranded Copper Wire inside 25mm Ø RSC  
 60 AT, 240V, 2P, 60 HZ as Main Circuit Breaker

# SINGLE LINE DIAGRAM



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
 SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**  
 LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR**

PREPARED BY:  
  
**CHRISTIAN ROD F. DUMASIG**  
 ENGINEER I

REVIEWED BY:  
  
**JOSEPH R. GONZALES**  
 ENGINEER III  
 Planning and Programming Division Head

RECOMMENDING APPROVAL:  
  
**ANGELIE R. GELLA**  
 PGADH - Assistant Provincial Engineer  
 OIC - Provincial Engineer  
 (As per Memo, Order No. 22-2023)

APPROVED BY:  
  
**YVONNE ROMO CAGAS**  
 Provincial Governor

# GENERAL NOTES:

1. ALL PLUMBING WORKS HEREIN SHALL BE EXECUTED ACCORDING TO THE REQUIREMENTS OF THE PHILIPPINE NATIONAL PLUMBING CODE AND THE RULES AND REGULATIONS OF THE EXISTING LOCAL CODES AND ORDINANCES OR LAWS GOVERNING THE IMPLEMENTATION OF THE PLUMBING WORKS.
1. REFER TO ALL ELECTRICAL, STRUCTURAL, AND ARCHITECTURAL PLANS AND SPECIFICATIONS AND INVESTIGATE ALL POSSIBLE INTERFERENCE AND CONDITIONS AFFECTING THE PLUMBING WORKS.
2. IT IS NOT INTENDED THAT THE DRAWING SHALL SHOW EVERY PIPE FITTING, VALVE AND APPLIANCES, FURNISH AND INSTALL, IF NECESSARY, ALL SUCH ITEM SPECIALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWING, TO COMPLETE THE SYSTEM IN ACCORDANCE TO THE BEST PRACTICE OF THE PLUMBING TRADE AND SATISFACTION OF THE ENGINEER/OWNER.
3. PERFORM ALL LABOR IN A FIRST-CLASS, NEAT, WORKMANLIKE MANNER BY SPECIALIST SKILLED IN THEIR TRADES, AND SUCH SPECIALIST AND THEIR WORK SHALL BE SATISFACTORY TO THE ENGINEER.

## BASIC MATERIALS :

1. PROVIDE MATERIALS THAT ARE NEW AND THAT CONFORM WITH THE STANDARD SPECIFICATIONS.
2. FOR OTHER MISCELLANEOUS REQUIRED MATERIALS NOT SPECIFICALLY MENTIONED, PROVIDE THE BEST OF THE RESPECTIVE KIND.
3. SUBMIT SAMPLES OF MATERIALS FOR APPROVAL AS REQUIRED BY THE ENGINEER/OWNER

## PLUMBING FIXTURES :

1. INSTALL ALL PLUMBING FIXTURES FREE AND OPEN IN A MANNER TO ACCESS FOR CLEANING, FURNISH WITH BRACKETS, CLEATS, PLATES, AND ANCHORS REQUIRED TO SUPPORT THE FIXTURES RIGIDLY IN PLACE.
2. KEEP AWAY, AT A SUFFICIENT DISTANCE BUT NOT LESS 1/2" (12.5mm), ALL SERVICE PIPES, VALVES, AND FITTINGS FROM SURFACES AND LOCATIONS WHICH MAY REQUIRE FINISH COATS OR COVERING.
3. EXTEND THE PIPING TO ALL FIXTURES, OUTLETS, AND EQUIPMENTS FROM REQUIRED GATE VALVES INSTALLED IN EACH BRANCH NEAR RISERS.

## SOIL, WASTE, DRAIN, AND VENT PIPINGS :

1. INSTALL ALL PIPING WORKS IN CONFORMITY WITH ALL PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINES NATIONAL PLUMBING CODE AND APPLICABLE REQUIREMENTS OF THE EXISTING LOCAL CODES.
2. EXCAVATE TO REQUIRE DEPTHS AND GRADES, ALL EXCAVATIONS REQUIRED FOR THE INSTALLATIONS OF PLUMBING AND DRAINAGE SYSTEM WHEN ROCK IS ENCOUNTERED, EXTEND THE EXCAVATION TO A DEPTH 150mm, BELOW THE PIPE BOTTOMS OF THE PIPE AND ROCK SURFACE WITH SAND AND APPROVED MATERIAL.
3. LAY WATER SUPPLY PIPES AND SEWERS IN SEPARATE TRENCHES.

## TRAPS

1. EXCEPT FOR THE PRESENCE OF GREASE TRAP INTERCEPTOR AND OTHER DEVICES WHERE THE TRAP IS AN INTEGRAL PART OF THE DESIGN, EQUIPPED WITH A TRAP EVERY FIXTURE AND EQUIPMENT REQUIRING CONNECTIONS TO THE DRAINAGE SYSTEM.
2. SET EACH TRAP AS CLOSE AS POSSIBLE TO THE FIXTURE SERVED AND RENDER LEVEL WITH RESPECT TO THEIR WATER SEAL.

## PLUMBING PIPES AND FITTINGS

1. ALL MATERIALS TO BE USED MUST BE OF HIGH QUALITY.
2. AIR CHAMBER TO BE PROVIDED FOR ALL WATER LINE OUTLETS. ALL NECESSARY FITTING SHALL BE PROVIDED.
3. TEFLON TAPE FOR ALL WATERLINE CONNECTIONS APPLIED TO MALE THREADS ONLY.
4. MAKE ALL JOINTS AIR AND WATER TIGHT. FOR JOINT PIPINGS, USE THE FOLLOWING:
  - A. PVC & CPVC PIPES: USE APPROPRIATE COUPLERS AND GLUE AT JOINTS.
  - B. PPR PIPES: WHEN CONNECTING WITH OTHER PIPE FITTINGS, DO NOT USE, IF POSSIBLE, MALE PIPE FITTINGS WITH CONIC THREAD AND HEMP AS A SEALING MATERIAL TO AVOID BUCKLING STRESSES WHICH ACT ON FEMALE PIPE FITTING.

## GUARANTEE AND WARRANTY

1. THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS SUPPLIED AND THE WORK TO BE FREE FROM FACTORY DEFECTS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR
2. ANY MATERIAL FOUND TO BE DEFECTIVE DURING THE TIME OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR FREE OF CHARGE

## SHUT - OFFS

1. PROVIDE THE ENTIRE SYSTEM WITH VALVE SO LOCATED THAT THE SYSTEM OR PORTION OF IT CAN BE OPERATED, REPLACED, AND REPAIRED, AS WELL AS AFFORDING COMPLETE CONTROL OF WATER SUPPLY TO EACH GROUP OF FIXTURES, WHEN REQUIRED, PROVIDE ALSO PRESSURE REDUCING VALVE

## CLEAN OUTS

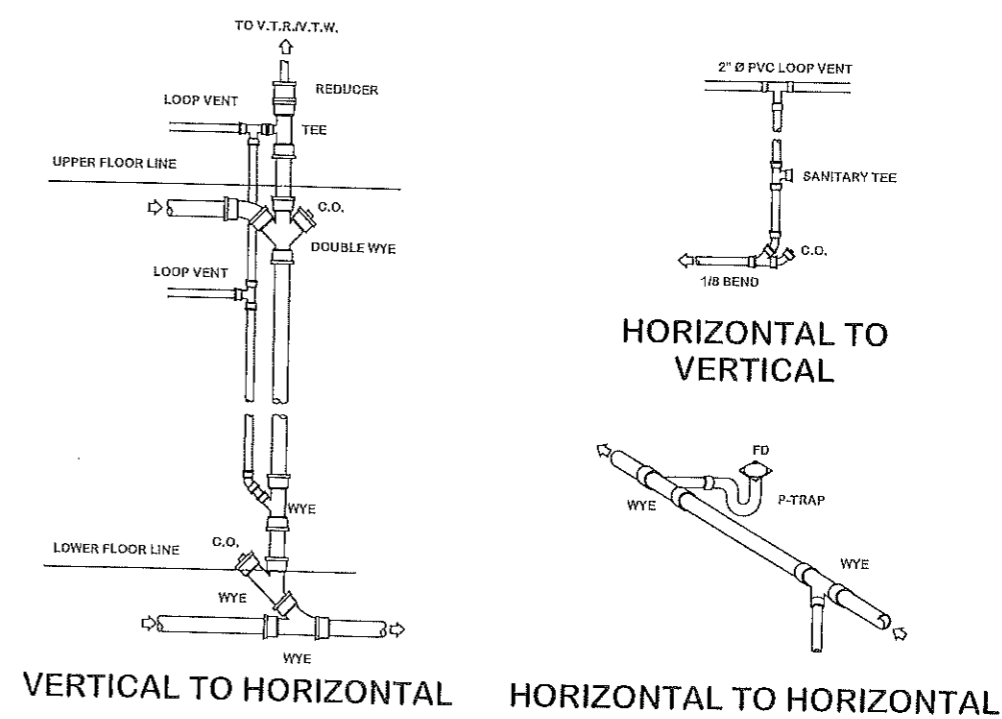
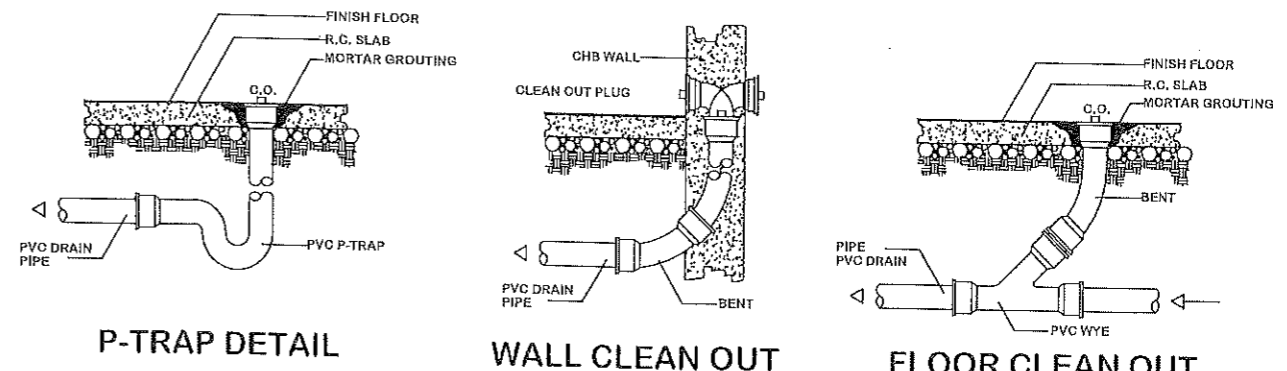
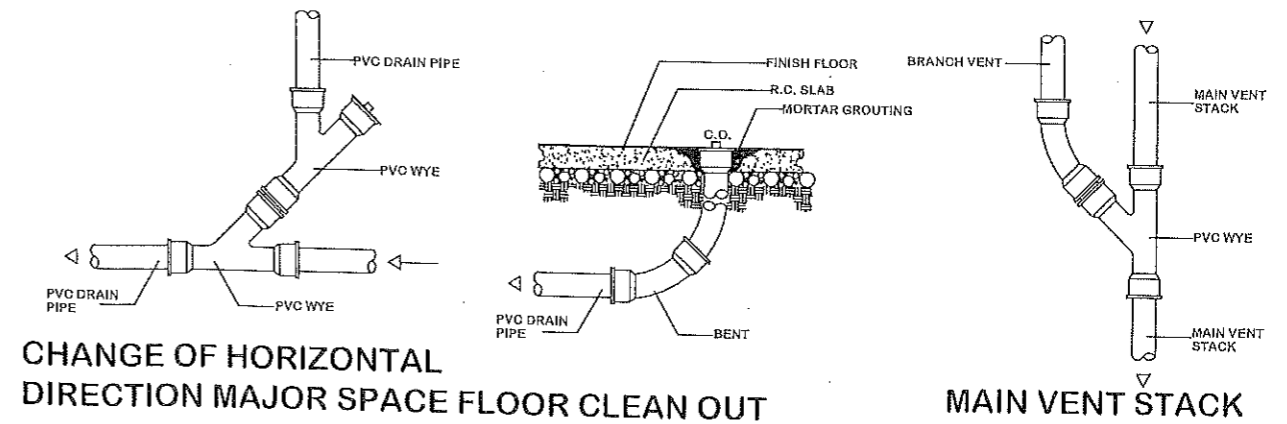
1. FOR CLEAN OUTS STEMMING FROM PVC, PROVIDE WITH LONG SWEEP QUARTER BENDS OR ONE OR TWO EIGHT BENDS, EXTENDED TO AN EASILY ACCESSIBLE PLACE, AND GENERALLY WHERE INDICATED IN THE DRAWINGS.

## OTHERS

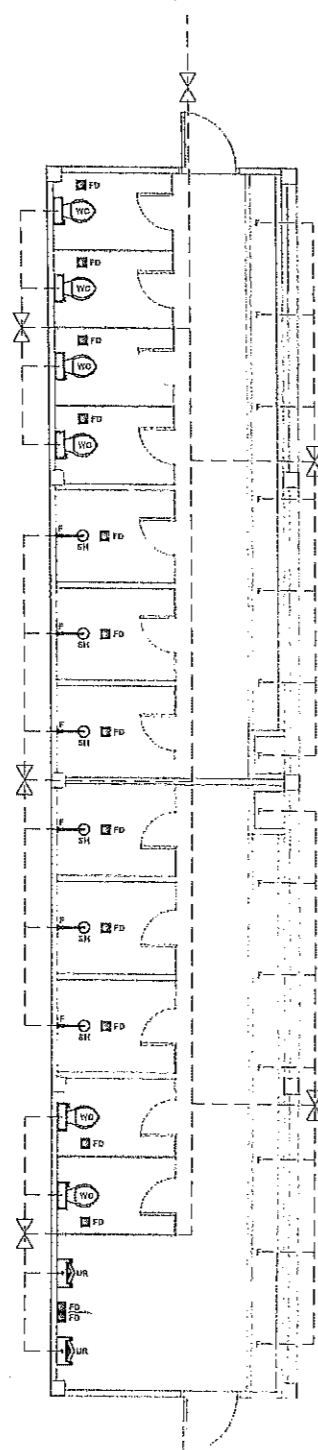
1. PIPES SHALL BE INSTALLED AS INDICATED, ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE PRIOR APPROVAL OF THE ENGINEER.
2. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH, AND INVERT ELEVATIONS.
3. ALL FIXTURES SHALL BE VENTED, UNLESS OTHERWISE INDICATED.

## LEGEND :

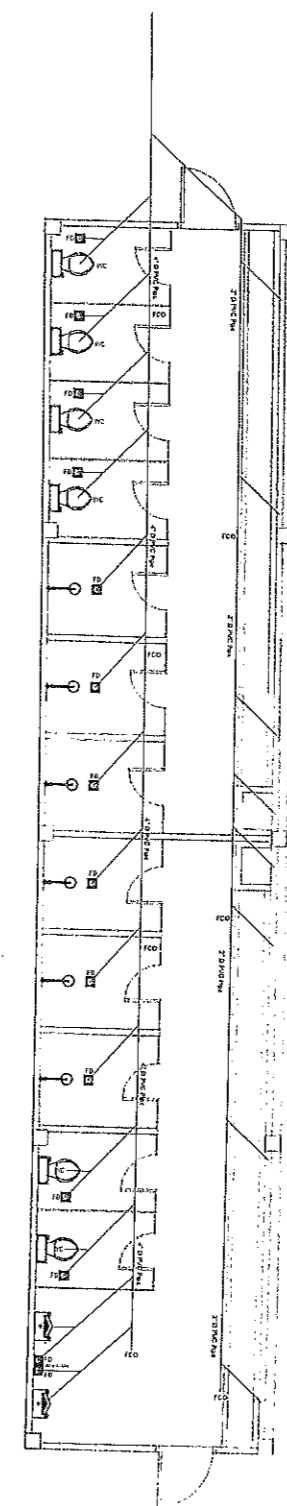
	SOIL AND WASTE PIPE LINE
	WATER LINE
	VENTILATION
	UNION
	45 DEG. ELBOW
	90 DEG. ELBOW
	TEE
	WYE
	GATE VALVE
FD	FLOOR DRAIN (4" x 4" H.D. STAINLESS)
WC	WATER CLOSET
FCO	FLOOR CLEAN OUT
F	FAUCET (1/2" Ø PVC - WATERTEC)
LAV	LAVATORY
UR	URINAL (WALL MOUNTED)
SH	SHOWER



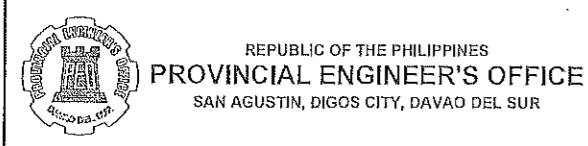
<p>REPUBLIC OF THE PHILIPPINES PROVINCIAL ENGINEER'S OFFICE SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY: <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL: <b>ANGELIE R. GELJA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY: <b>YVONNE RONA CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span>35</span> <hr/> <span>40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					



**WATERLINE LAYOUT**  
SCALE 1:125



**SANITARY LAYOUT**  
SCALE 1:125



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**

LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY,  
DAVAO DEL SUR**

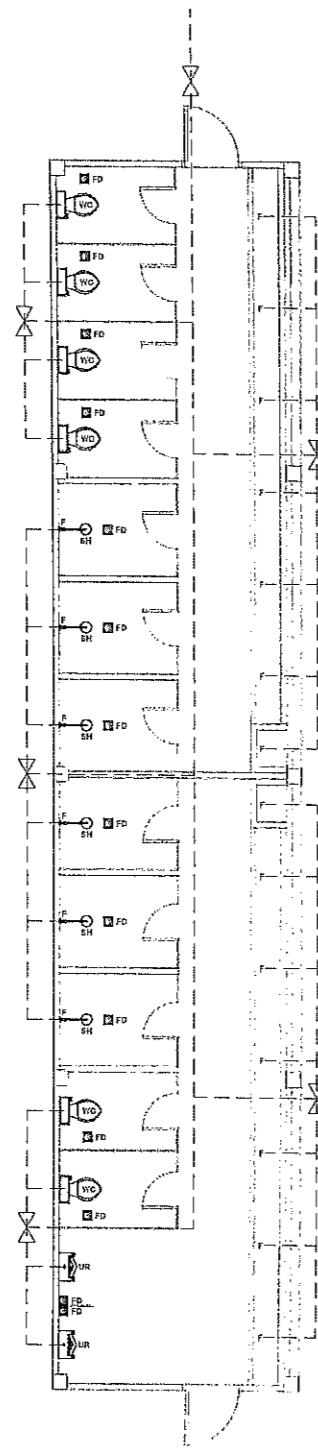
PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
ENGINEER I

REVIEWED BY:  
**JOSEPH R. GONZALES**  
ENGINEER III  
Planning and Programming Division Head

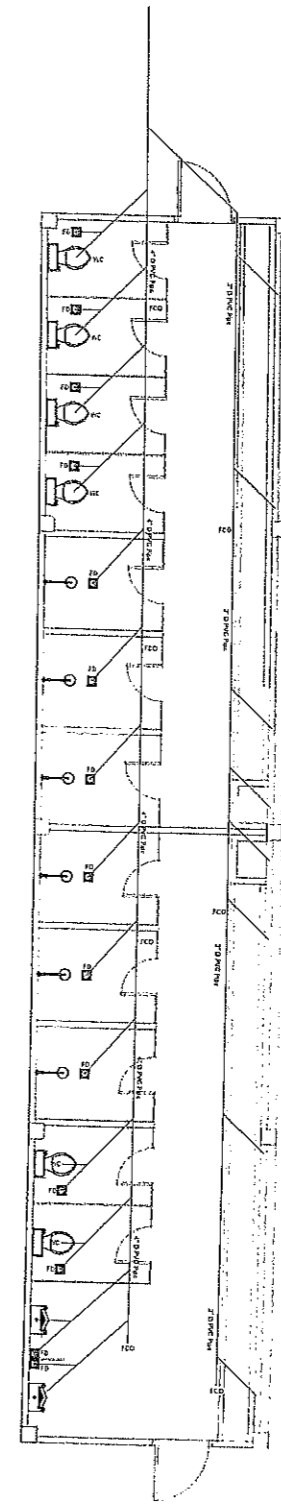
RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
PGADH - Assistant Provincial Engineer  
OIC - Provincial Engineer  
(As per Memo, Order No. 22-2023)

APPROVED BY:  
**YVONNE RONA CAGAS**  
Provincial Governor


**36**  
**40**



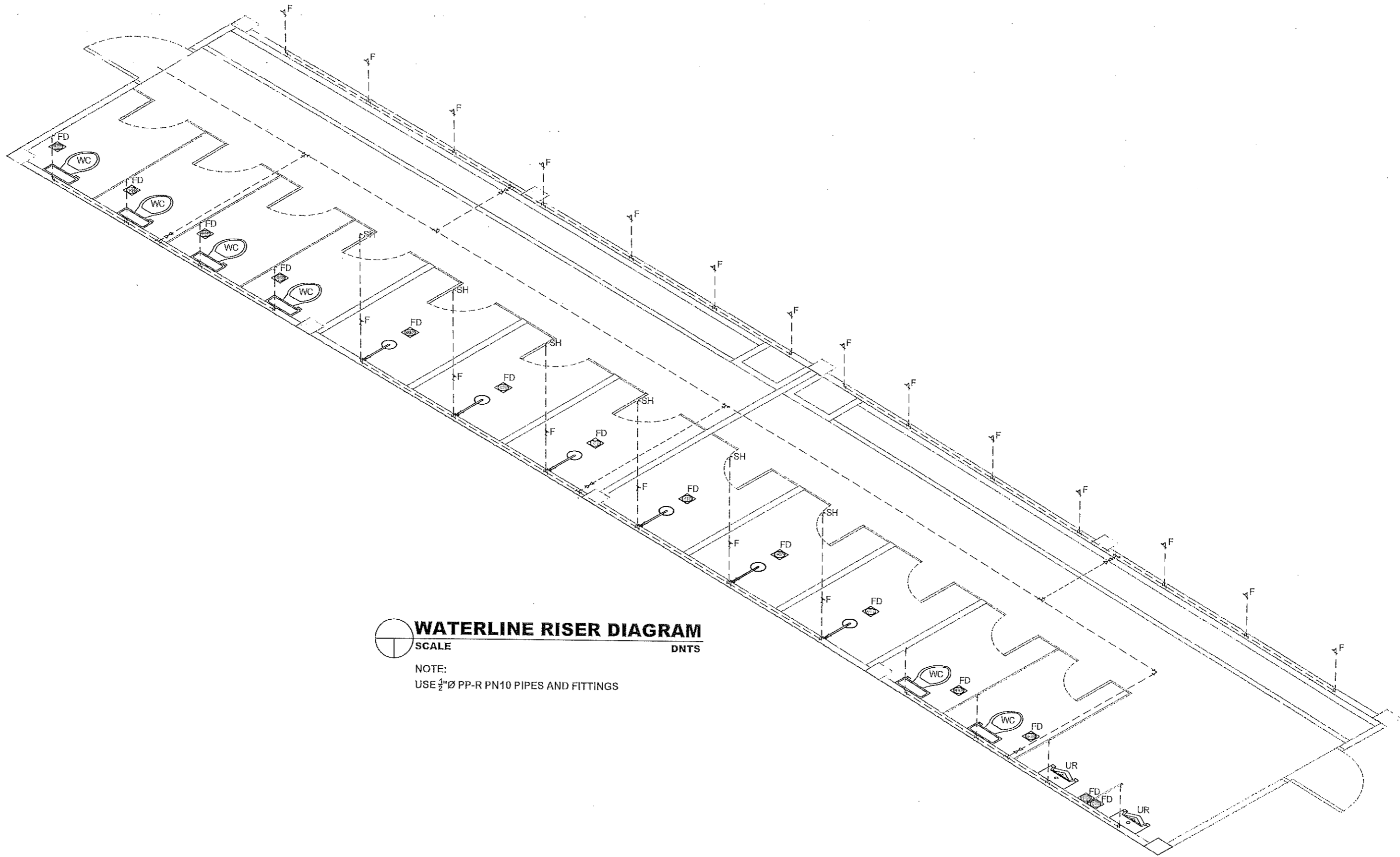
**WATERLINE LAYOUT**  
SCALE 1:125



**SANITARY LAYOUT**  
SCALE 1:125


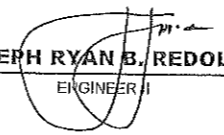
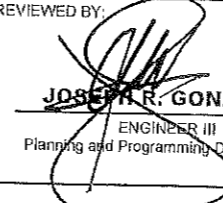

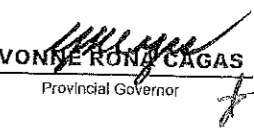
 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	<p>PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b></p>	<p>PREPARED BY: <b>JOSEPH RYAN B. REDOLOS</b> ENGINEER I</p>	<p>REVIEWED BY: <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head</p>	<p>RECOMMENDING APPROVAL: <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo, Order No. 22-2023)</p>	<p>APPROVED BY: <b>YVONNE RONA CAGAS</b> Provincial Governor</p>	<p style="text-align: center;"><b>36</b> <b>40</b></p>
	<p>LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b></p>					

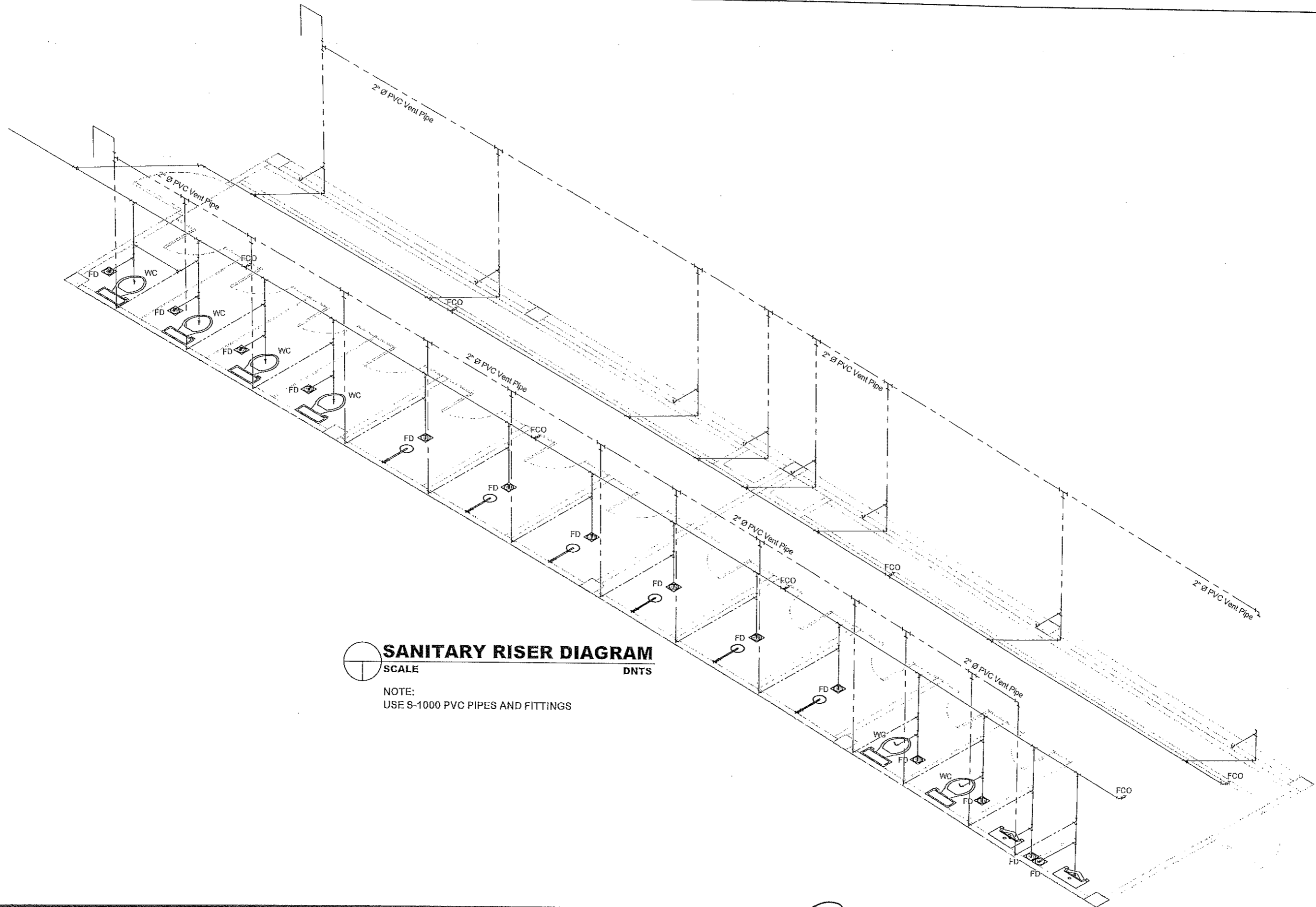




**WATERLINE RISER DIAGRAM**  
 SCALE: DNTS

NOTE:  
 USE 1/2" Ø PP-R PN10 PIPES AND FITTINGS

 <p>REPUBLIC OF THE PHILIPPINES  <b>PROVINCIAL ENGINEER'S OFFICE</b>      SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY:  <b>YVONNE RONAL CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span style="font-size: 24px; font-weight: bold;">37</span> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY,          DAVAO DEL SUR</b>					



**SANITARY RISER DIAGRAM**  
 SCALE \_\_\_\_\_ DNTS

NOTE:  
 USE S-1000 PVC PIPES AND FITTINGS



REPUBLIC OF THE PHILIPPINES  
**PROVINCIAL ENGINEER'S OFFICE**  
 SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR

PROJECT TITLE:  
**REPAIR/IMPROVEMENT OF TABLIZO GYM**

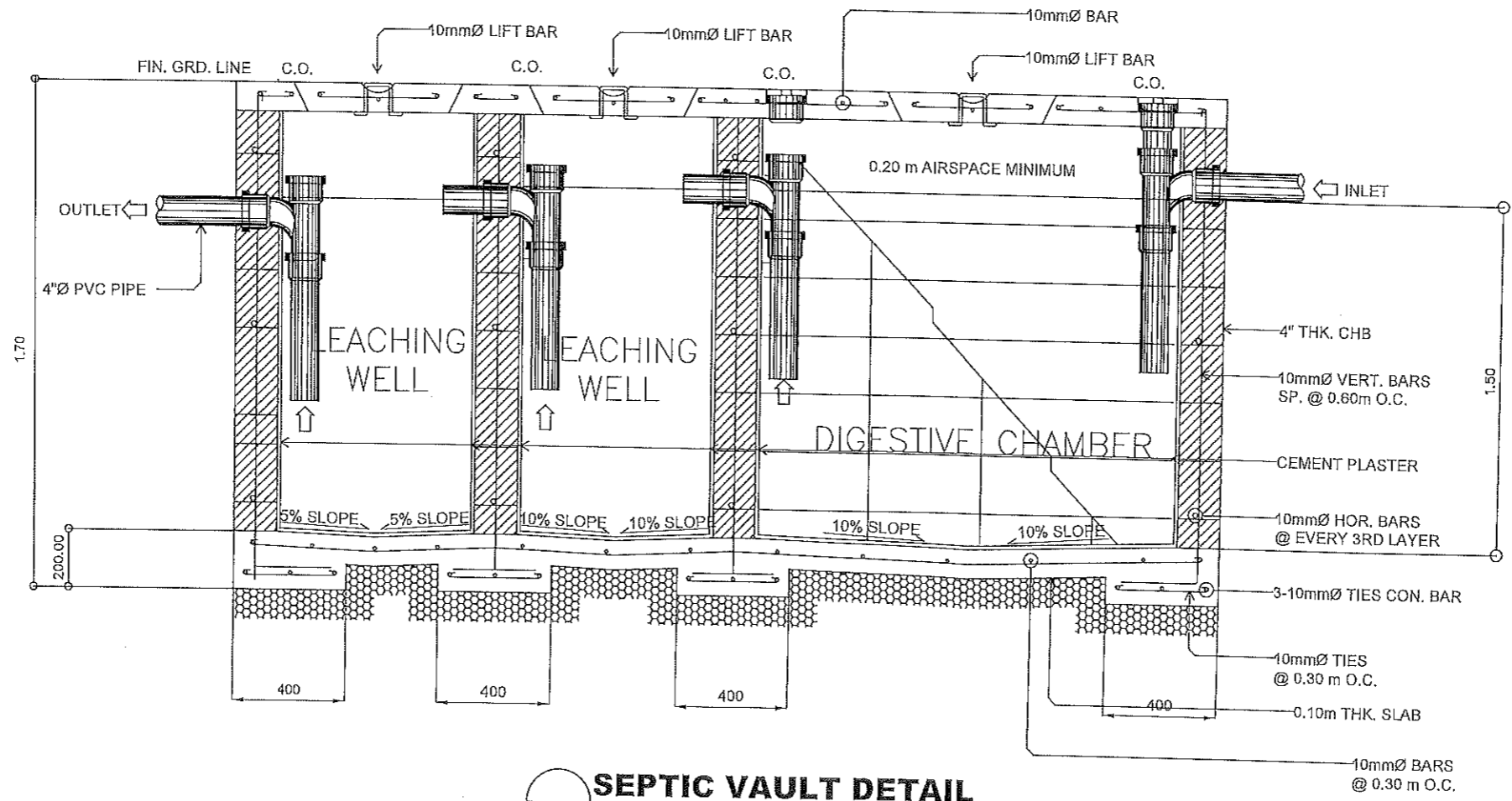
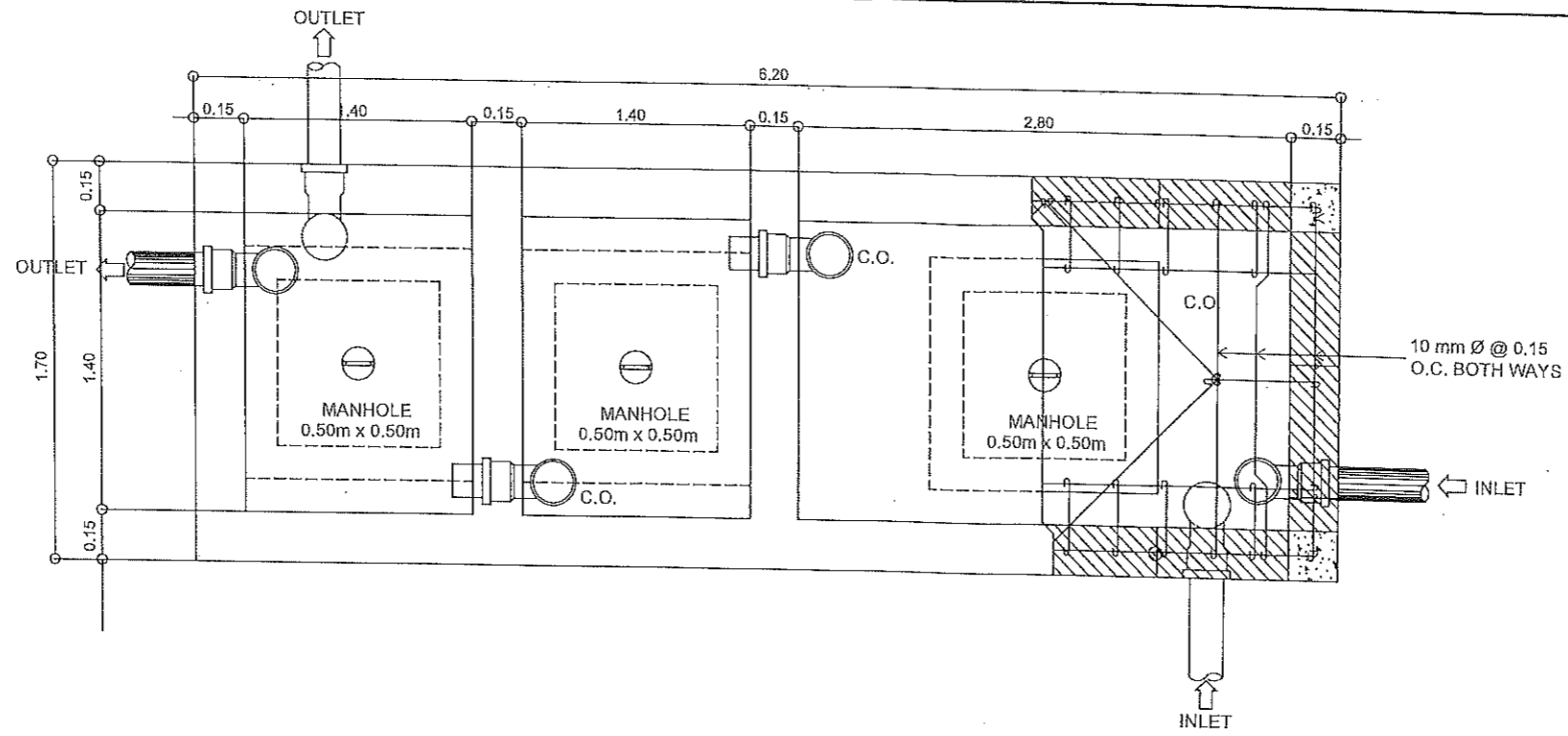
LOCATION:  
**CAPITOL COMPOUND, MATTI, DIGOS CITY,  
 DAVAO DEL SUR**

PREPARED BY:  
**JOSEPH RYAN B. REDOLOSO**  
 ENGINEER II




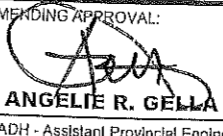
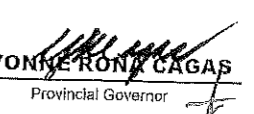
REVIEWED BY:  
**JOSEPH R. GONZALES**  
 ENGINEER III  
 Planning and Programming Division Head

RECOMMENDING APPROVAL:  
**ANGELIE R. GELLA**  
 PGADH - Assistant Provincial Engineer  
 OIC - Provincial Engineer  
 (As per Memo. Order No. 22-2023)

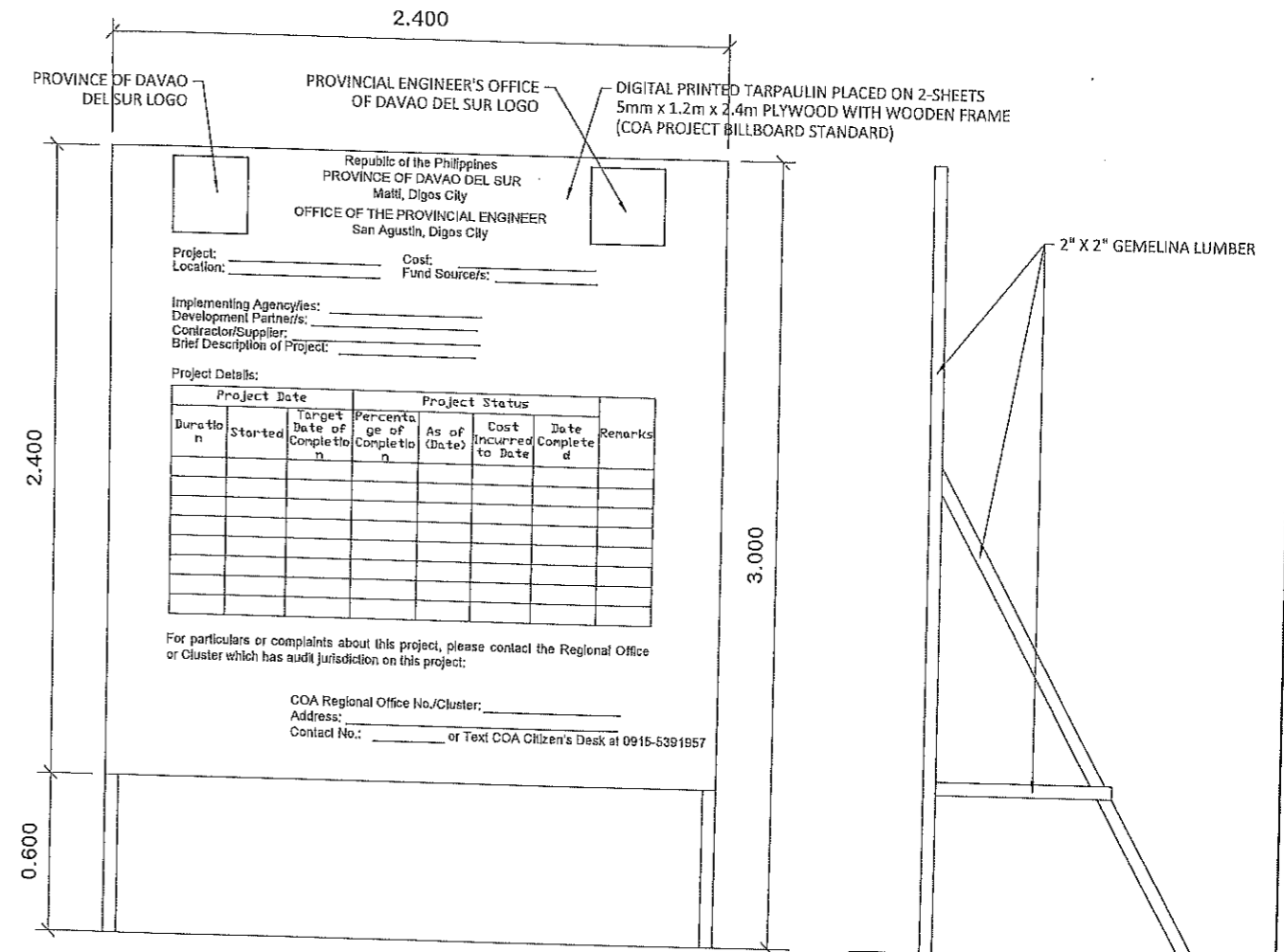
APPROVED BY:  
**YVONNE RONA CAGAS**  
 Provincial Governor





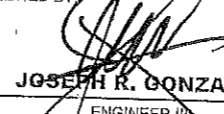

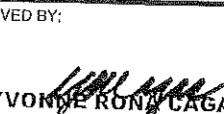
**SEPTIC VAULT DETAIL**  
SCALE DNTS

 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIC - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY:  <b>YVONNE ROMO CAGAS</b> Provincial Governor	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span style="font-size: 24px; font-weight: bold;">39</span> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY,          DAVAO DEL SUR</b>					

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION	QTY	UNIT
<b>PART B. OTHER GENERAL REQUIREMENTS</b>			
B.3	Permits and Clearances	1.00	L.S.
B.5	Project Billboard/ Signboard	1.00	each
B.7	Occupational Safety and Health	1.00	L.S.
B.9	Mobilization/ Demobilization	1.00	L.S.
<b>PART C. EARTHWORK</b>			
800 (3)a2	Individual Removal of Trees, 301mm to 500mm dia.	2.00	each
801 (1)	Removal of Structures and Obstruction	1.00	L.S.
803 (1)a	Structure Excavation (Common Soil)	43.01	cu.m.
804 (2)a	Embankment from Borrow (Common Soil)	83.14	cu.m.
804 (7)	Gravel Fill	21.93	cu.m.
<b>PART D. REINFORCED CONCRETE</b>			
900 (1)c	Structural Concrete, Class A, 3000 psi, 28 days	45.55	cu.m.
902 (1)a1	Reinforcing Steel (Deformed) Grade 40	3,136.35	kg.
903 (1)	Formworks and Falseworks	135.27	sq. m
<b>PART E. FINISHINGS AND OTHER CIVIL WORKS</b>			
1001 (1)a5	Pipe and Fittings, 50mm dia., PVC, Series 1000	192.00	m
1001 (1)a7	Pipe and Fittings, 100mm dia., PVC, Series 1000	75.00	m
1001 (9)	Storm Drainage and Downspout	1.00	L.S.
1001 (11)	Septic Vault/Tank, Concrete/CHB	1.00	L.S.
1002 (2)a1	Polypropylene Random Copolymer (PPR-C) Pipes with Fittings, 20mm dia., PN10	126.00	m
1002 (4)	Plumbing Fixtures	1.00	L.S.
1003 (14)	Phenolic Board	54.36	sq.m.
1003 (17)	Carpentry and Joinery Works	1.00	L.S.
1004 (2)	Finishing Hardware	1.00	L.S.
1008 (2)	Aluminum Glass Windows	1.00	L.S.
1009 (1)a	Jalousie Windows, Glass	4.32	sq. m
1010 (2)b	Doors (Wood Panel)	7.56	sq. m
1012 (6)a3	Mirror Glass, 6mm	11.34	sq. m
1013 (2)a1	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Ridge/Hip Rolls	46.00	ln.m.
1013 (2)a2	Fabricated Metal Roofing Accessory, Gauge 26 (0.551mm) Flashing	70.50	ln.m.
1013 (2)b1	Fabricated Metal Roofing Accessory, Gauge 24 (0.701mm) Gutters	114.20	ln.m.
1014 (1)b2	Pre-painted Metal Sheets, above 0.427mm., Rib Type, Long Span	1,614.68	sq.m.
1018 (1)	Glazed Tiles and Trims	16.34	sq.m.
1018 (2)	Unglazed Tiles	77.22	sq.m.
1027 (1)	Cement Plaster Finish	524.34	sq.m.
1032 (1)a	Painting Works, Masonry/Concrete	608.33	sq.m.
1032 (1)b	Painting Works, Wood	279.19	sq.m.
1032 (1)c	Painting Works, Steel	1,273.83	sq.m.
1046(2)a1	CHB Non Load Bearing (including Reinforcing Steel), 100 mm	355.02	sq.m.
1047 (1)	Structural Steel	1.00	L.S.
<b>PART F. ELECTRICAL</b>			
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-In)	1.00	L.S.
1101 (33)	Wires and Wiring Devices	1.00	L.S.
1102 (1)	Panelboard with Main & Branch Breakers	1.00	L.S.
1103 (1)	Lighting Fixtures	1.00	L.S.



**PROJECT BILLBOARD**  
SCALE DNTS

 <p>REPUBLIC OF THE PHILIPPINES <b>PROVINCIAL ENGINEER'S OFFICE</b> SAN AGUSTIN, DIGOS CITY, DAVAO DEL SUR</p>	PROJECT TITLE: <b>REPAIR/IMPROVEMENT OF TABLIZO GYM</b>	PREPARED BY:  <b>JOSEPH RYAN B. REDOLOSO</b> ENGINEER II	REVIEWED BY:  <b>JOSEPH R. GONZALES</b> ENGINEER III Planning and Programming Division Head	RECOMMENDING APPROVAL:  <b>ANGELIE R. GELLA</b> PGADH - Assistant Provincial Engineer OIG - Provincial Engineer (As per Memo. Order No. 22-2023)	APPROVED BY:  <b>YVONNE ROMO CAGAS</b> Provincial Governor	<div style="border: 2px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">40</span> </div> <div style="border: 2px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 24px; font-weight: bold;">40</span> </div>
	LOCATION: <b>CAPITOL COMPOUND, MATTI, DIGOS CITY, DAVAO DEL SUR</b>					