



Republic of the Philippines
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
OFFICE OF THE CHIEF MINISTER
SPECIAL BIDS AND AWARDS COMMITTEE
Special Development Fund

Bangsamoro Government Center, Governor Gutierrez Avenue, Rosary Heights VII, Cotabato City 9600

**IN RE: COMPETITIVE PUBLIC BIDDING FOR THE
CONSTRUCTION OF BANGSAMORO ONE-STOP-SHOP
(BOSS) CENTER IN BONGAO, PROVINCE OF TAWI-TAWI**

ABC: PHP 15,650,502.00

IB NO.: SDF-092024-003

SUPPLEMENTAL BID BULLETIN NO. SDF-2024-09-003

September 24, 2024/ Rabi' I 21, 1446 AH

Please be advised of the following clarifications and Modifications on the Bidding Documents:

SUBJECT	ORIGINAL	AMENDED																																							
1. Venue for Submission, Receipt, and Opening of Bids	3 rd floor, Bangsamoro Development and Authority (BPDA) Conference Hall 1, BPDA, Bangsamoro Government Center, Cotabato City	<u>Ground floor, Bangsamoro Development and Authority (BPDA) Conference Hall 2, BPDA, Bangsamoro Government Center, Cotabato City</u>																																							
2. PCAB License Requirement <i>(Bid Data Sheet Clause 10.3)</i>	Size Range: Medium A License Category: B	<u>Size Range: Small B</u> <u>License Category: C&D</u>																																							
3. List of Key Personnel <i>(Bid Data Sheet Clause 10.4)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Key Personnel</th> <th style="text-align: center;">General Experience</th> <th style="text-align: center;">Minimum Relevant Experience</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1 Project Engineer</td> <td style="text-align: center;">Construction</td> <td style="text-align: center;">5 years</td> </tr> <tr> <td style="text-align: center;">1 Safety Officer</td> <td style="text-align: center;">Construction Safety and Health</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td style="text-align: center;">1 Materials Engineer</td> <td style="text-align: center;">Quality Assurance</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td style="text-align: center;">1 Construction Foreman</td> <td style="text-align: center;">Supervision</td> <td style="text-align: center;">5 years</td> </tr> <tr> <td style="text-align: center;">1 Health Personnel</td> <td style="text-align: center;">Basic Healthcare in Construction</td> <td style="text-align: center;">1 year</td> </tr> </tbody> </table>	Key Personnel	General Experience	Minimum Relevant Experience	1 Project Engineer	Construction	5 years	1 Safety Officer	Construction Safety and Health	3 years	1 Materials Engineer	Quality Assurance	3 years	1 Construction Foreman	Supervision	5 years	1 Health Personnel	Basic Healthcare in Construction	1 year	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Key Personnel</th> <th style="text-align: center;">General Experience</th> <th style="text-align: center;">Minimum Relevant Experience</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1 Project Engineer</td> <td style="text-align: center;">Construction</td> <td style="text-align: center;">5 years</td> </tr> <tr> <td style="text-align: center;">1 Safety Officer</td> <td style="text-align: center;">Construction Safety and Health</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td style="text-align: center;">1 Materials Engineer</td> <td style="text-align: center;">Quality Assurance</td> <td style="text-align: center;">3 years</td> </tr> <tr> <td style="text-align: center;">1 Construction Foreman</td> <td style="text-align: center;">Supervision</td> <td style="text-align: center;">5 years</td> </tr> <tr> <td style="text-align: center;">1 Health Personnel</td> <td style="text-align: center;">Basic Healthcare in Construction</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td style="text-align: center;"><u>1 Electrical Engineer</u></td> <td style="text-align: center;"><u>Electrical Installation</u></td> <td style="text-align: center;"><u>2 years</u></td> </tr> </tbody> </table>	Key Personnel	General Experience	Minimum Relevant Experience	1 Project Engineer	Construction	5 years	1 Safety Officer	Construction Safety and Health	3 years	1 Materials Engineer	Quality Assurance	3 years	1 Construction Foreman	Supervision	5 years	1 Health Personnel	Basic Healthcare in Construction	1 year	<u>1 Electrical Engineer</u>	<u>Electrical Installation</u>	<u>2 years</u>
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4. List of Major Equipment <i>(Bid Data Sheet Clause 10.5)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Equipment</th> <th style="text-align: center;">Minimum Number of Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Bar Cutter</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Dump Truck</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">Motorized Road</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Equipment	Minimum Number of Units	Bar Cutter	1	Dump Truck	2	Motorized Road	1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Equipment</th> <th style="text-align: center;">Minimum Specification</th> <th style="text-align: center;">Minimum Number of Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Bar Cutter</td> <td style="text-align: center;"><u>25 mm max., single phase</u></td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Dump Truck</td> <td style="text-align: center;"><u>12 cu. yd.</u></td> <td style="text-align: center;">2</td> </tr> </tbody> </table>	Equipment	Minimum Specification	Minimum Number of Units	Bar Cutter	<u>25 mm max., single phase</u>	1	Dump Truck	<u>12 cu. yd.</u>	2																						
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	Grader					
	Payloader	1		1.50 cu. m./1.95 cu. yd.	1	
	Welding Machine	1		500 amp	1	
	Water Truck	1		15 hp	1	
	Bulldozer	1		0.80 cu. m./1.04 cu. yd., 138 hp	1	
	Backhoe	1		25 mm max., three (3) phase	1	
	Bar Bender	1		-	1	
	Cutting Outfit	1		5 hp	1	
	Plate Compactor	1		One Bagger Mixer	4-6 cu.ft./min	1
5. Section VI. Specifications	<u>See Annex "A"</u>					
6. Section VII. Drawings	<u>See Annex "B"</u>					
7. Section VIII. Bill of Quantities	<u>See Annex "C"</u>					

This Supplemental/Bid Bulletin is issued to modify or amend the corresponding items in the Bidding Documents.

For guidance and information of all concerned.

MOHD ASNIN K. PENDATUN
Chairperson, Special Bids and Awards Committee

Annex "A"

Section VI. Specifications

INTRODUCTION

The Drawings and Specifications are complementary to each other. Drawings are graphic means of showing work to be done. They are particularly suited to showing where materials are located. Thus, drawings exist essentially to show dimension, location and placement. Not all works, however, can be presented in the drawings. Generalized works are usually statement form and hence, the contractor is required to read the specifications carefully.

Specifications, on the other hand, are used to describe the materials, construction techniques, samples, shop drawings, guarantees and other contract requirements. Together, the drawings and the specifications are used to inform the contractor. In cases where the specified brand carries with it the manufacturer's specifications, the manufacturer's specifications shall hold precedence over these specifications.

The Specifications are of the abbreviated type and include incomplete sentences. The selection of the sentence depends on the underlying principles of Specifications:

1. That the Technical Specifications are only one part of the Contract Documents.
2. That the Contract is between the Procuring Entity and the General Contractor and
3. That the General Contractor is the only party responsible for completing the work in accordance with the Contract Documents.

Therefore:

1. Only the General Contractor is referred to in the Specifications so as not to violate the intent of the contract and so as not to undermine the proper chain of command.
2. Any reference to Specialty Trade Contractors in the technical Specifications is made only in so far as selection of Specialty Trade Contractors is made through bidding. Once the Specialty Trade Contractors are selected and assigned to the General Contractor, the General Contractor assumes all the responsibilities for the execution of the whole project in accordance with the Contract Documents. Therefore, in the contract between the Owner and the General Contractor, the Specialty Trade Contractor is not referred to. In all contract Documents, the word "Contractor" means the General Contractor.
4. The omission of the phrase "The Contractor shall" is intentional because the whole Specifications is directed to the Contractor. Omitted words or phrases shall be supplied by inference in the same manner as they are when a "note" occurs on the drawings.
5. Where "as shown", "as indicated", "as detailed" or words of similar import are used, it shall be understood that reference to the drawings accompanying the Specifications is made unless otherwise stated.
6. Where "as directed", "as required", "as permitted", "as authorized", "as approved, accepted" or words of similar import as used, it shall be understood that the direction, requirements, permission, authorization, approval or acceptance of the Architect is intended unless otherwise stated.

7. As used herein, “provided” shall be understood to mean “provided complete in place,” that is, “furnished and installed”.
8. Most sentences are in the imperative mood. This style is especially suited for instructions covering the installation of products and equipment.

CLARIFICATIONS

All reference to any brand, material, equipment, or systems in the Specifications, plans, and bid documents is indicative of the type and quality of what is required. However, any equal material, equipment, or system can be used.

The list of items of work provided in the scope of works does not in any way limit the responsibility of the Contractor to perform all other works necessary for the completion of the

A. GENERAL CONDITIONS DESCRIPTION OF THE PROJECT

Complete all works for the Construction of Bangsamoro One-Stop-Shop (BOSS) Center in Bongao, Province of Tawi-Tawi, including the supply of all materials, equipment, and systems, as well as the performance of all necessary labor and processes, in accordance with the plans, specifications, the Bidding Documents, the Terms of References, and other related contract documents.

The contractor is not limited to the scope of works listed. They should verify all plans and actual conditions for the necessity of work. If the actual situation calls for demolition, removal, and relocation he shall include such and all concomitant works to finish as part of the scope of work.

Any discrepancies found between the drawings and specifications and the site conditions or any errors or omissions in the drawings or specifications should be clarified with the Engineer from the Procuring entity.

Should the contractor fail to verify or clarify discrepancies, errors, conflicts or omissions in the drawings and specifications, it shall be deemed that the contractor has included in the preparation of his bid the necessary works, materials, or items needed to satisfy the general scope of works.

B. SCOPE OF WORKS:

Enumerated below are some of the works expected from the contractor. Therefore, the scope is not limited to what has only been written below, some works are implied and expected. The objective of the project must be met by the implementing contractor before the project may be turned over to the SDF-PMO.

1. Permits and Clearances

- a. Secure and pay all permits (application and obtaining of Building Permit and all other implied permits needed, Fire Clearance, and Certificate of Occupancy), fees, licenses, taxes, tests, etc. necessary for the execution of the general construction works.
- b. Prepare a monthly progress report which shall include an overall progress chart based on actual physical accomplishment of construction work and a progress chart based on actual value of accomplished construction work, among others.
- c. Miscellaneous Fees (Notary, Blueprint, processing requirements, and other fees)

2. Mobilization and Temporary Facilities

- a. Mobilization of all necessary personnel, labor, tools, facilities, and equipment to commence work on the project.
- b. Setting up of Temporary Facilities within the site.

- c. Preparation of logistics of contractor's equipment.
- d. Setting up of necessary water and power lines required for the Project.
- e. Provision of security and safety measures for the protection of the general public during construction work.
- f. Setting up any safety measure equipment or temporary structures such as bunk houses, tarps, signs, etc.

3. Earthworks

- a. *Site Clearing*. Debris, shrubs, and other unsuitable materials shall be removed.
- b. *Cut and Fill*. Cut and fill shall be done to elevations where required.
- c. *Stakeout*. All lines and grades as shown on the plans be established before the excavation is started. Basic batter boards and reference works shall be placed at such place where they will not be disturbed during foundation works.
- d. *Excavation*. Excavation for foundations shall be made to grades as indicated on plans. Excavations shall be made deeper until the general or desired stratum for the safe bearing capacity of soil is reached.
- e. *Backfill*. Works include backfilling and compaction of excavated materials.
- f. *Gravel fill*. Works include filling of 50mm thick layer of gravel at column footings and footing tie beams prior to concrete pouring.

4. Concrete Works

- a. *Concreting*. Works include concreting of PCC pavement as specified in the plans and Specifications.
- b. *Reinforcing Steel Bars (RSB)*. Works include the provision of reinforcing bars for concrete road specified in the plans and Specifications, all sizes of reinforcing bars shall be as specified in the plans.
- c. *Formworks*. Works include the provision of formworks for all concrete works.

5. Plumbing Works

- a. Supply and install complete plumbing and sanitary systems, including fixtures, fittings, appurtenances, and piping systems, among others, as specified in the plans and Specifications, including testing. The use of low-flow fixtures is recommended. Complete installation shall mean not only the major equipment and apparatus conveyed in these Specifications but all the incidental and sundry components necessary for the complete execution of the works and for the proper operation of the installation, whether these supply components are mentioned in detail in these Specifications or not.
- b. Supply and furnish all materials brand new and of superior quality.
- c. Tap water line from the water source.

6. Finishing Works

- a. *Ceiling*. Furnish all ceiling finishes, equipped with fixing accessories in accordance with plans and/or shop drawings and as herein specified.
- b. *Paints and Coatings*. Furnish all paints, enamels, varnishes, and other products to be used including labor, tools, and equipment required as shown on the plans and in accordance

with these Specifications. Upon completion of the project, all paint spots from all finished works shall be removed. Clean off all glass from paint spots, smears, and blemishes.

- c. *Waterproofing*. Apply waterproofing on comfort rooms and all other areas requiring such in accordance with plans and as herein specified.

7. Fabricated Materials and Hardware

This includes the fabrication and installation of doors, windows, door jambs, and hardware fabrication as specified in the plans and Specifications.

8. Demobilization

- a. Demobilize, dismantle, and remove all temporary facilities, including all workmen's houses, construction equipment, tools, personnel, and debris out of the project site and premise
- b. Cleaning of the building and site to a spic and span state, ready for use.
- c. Restoration of all possible damaged facilities during the construction phase.

C. OTHERS

- The Contractor must have a Project Engineer who will supervise the project onsite. The Contractor shall inform the SDF-PMO in case of replacement/changes of personnel assigned at the project site. The replacement must have relevant qualifications and abilities equal to or better than those of the personnel as evidenced by his/her training certification to be submitted to the SDF-PMO.
- Demolitions and repairs due to the Contractor's fault shall be done by the Contractor without extra compensation to the end-user.
- As soon as the project is satisfactorily inspected and it conforms to the plans and specifications, the contractor shall submit to the procuring entity a written notice that said project is completed and is subject to the latter's approval.
- Five copies of As-Built Plan must be submitted not later than 7 days after project completion.

D. SPECIFICATIONS

All plans - small scale and detail drawings, are intended to collaborate with the Specifications and to form a part thereof, where figures are given, they are to be followed in preference to measurement by scale. Anything shown in the plans and not mentioned in the Specifications or vice-versa or anything not expressly set forth in either, but which is reasonably implied shall be furnished and installed as thought specifically shown in mentioned both.

1. Primary Specifications

The DPWH Standard Specifications for Public Works and Highways ("Blue Book") shall be the main basis for the standards and codes to be met by the goods and materials to be furnished and work performed or tested for the Contract. In particular, Volume III of the Blue Book shall be used. The Blue Book incorporates standards of the American Association of State Highway and Transportation Officials (AASHTO), American Society for Testing and Materials (ASTM), and American Concrete Institute (ACI), among others, pertaining to construction.

Modifications of and additions to standards and codes as stated in the DPWH Standard Specifications for Public Works and Highways, are included in the enclosed Supplemental Specifications, which is part of these Bidding Documents.

2. Supplemental Specifications

2.1 Plumbing and Sanitary Works

2.1.1 All plumbing works shall be executed according to the provisions of the Revised National Plumbing Code of the Philippines, Uniform Plumbing Code, and local rules and regulations.

2.1.2 All pipes shall be installed as indicated on the approved construction drawings. Any relocation for proper execution of other trades shall have prior approval of the engineer.

2.1.3 Corresponding adjustments in the alignment or location of the underground utilities will be done and/or shown by the Contractor thru shop drawings approved by the authorized engineer.

2.1.4 Omissions from the drawings or the misdescription of details of work which are manifestly necessary to carry out the intent of the drawings or which are customarily performed shall not relieve the contractor from performing such omitted or misdescribed details of the work but shall be performed as if fully and correctly set forth and described in the drawings.

2.1.5 All pipe diameters indicated are of nominal diameter in millimeters unless otherwise specified in the plans.

2.1.6 Proposed utilities shall conform to the actual location, depth, and invert elevation of all pipes and structures verified by the Contractor.

2.1.7 Verify all existing utilities at the site and the works with drainage and sewer effluent point and the water line connecting point.

2.1.8 Run all horizontal piping in perfect alignments and at uniform grade of not less than 1% for pipe sizes 100-mm in diameter and larger and 2% for pipe sizes 75-mm in diameter and smaller.

2.1.9 For proposed utilities that will cross existing pavement, restore the surface to the original.

2.1.10 All horizontal vent pipes forming branch vents shall be at least 152 mm above the flood level rim of the highest fixture served.

2.1.11 Soil, waste, vent, and drain pipes shall be polyvinyl chloride (PVC) pipes conforming to ASTM D1784.

2.1.12 Cold and hot water piping systems shall be polypropylene (PPR) "Wexan" pipes.

2.2.13 Gate valve and check valve shall be MSS - SP 80.

2.2.14 For floor drains, deck drains, and balcony drains, use METMA or approved equal.

2.2 Electrical Works

2.2.1 All electrical works shall be done in accordance with the requirements of the latest edition of the Philippine Electric Code, the rules and regulations of the National Building Code and requirements of the utility company in the area. Nothing contained in these Specifications or shown on the plan shall conflict with the requirements of these codes, any discrepancies should be consulted to the Project Inspector/Electrical Engineer.

2.2.2 All materials and equipment to be used and installed hereunder shall be of the approved type bearing the stamp or approval of the proper authorities

concerned. Locally made or constructed materials shall first be approved before installation. Furthermore, all materials to be used shall be new and of the approved type for location and purpose.

2.2.3 All works shall be done in workmanlike manner and should present a neat and mechanical appearance when completed.

2.2.4 Restoration and repainting of damaged ceiling and exposed conduits shall be the Contractor's liability.

2.2.5 Unless otherwise specified, the size of wire and pipe to be used shall be 3.50 sq. mm. thin THHN and 15 mm. DIA, respectively.

2.2.6 The method of wiring shall be concealed using tubeworks on walls, ceiling and partitions.

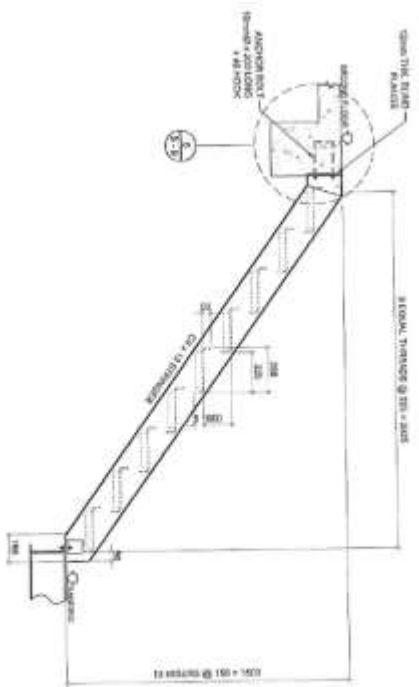
2.2.7 All wires including service entrance shall be plastic insulated for 600V working pressure and should be PS Mark.

2.2.8 The nature of electrical service to be supplied shall be 2 wire, 220V, single phase, 60 Hz, line-to-line.

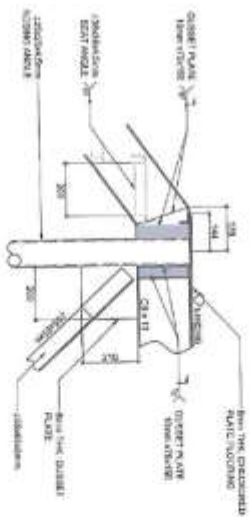
2.2.9 All electrical installations shall be done under the direct supervision of a duly registered electrical engineer.

Annex "B"

Section VII. Drawings



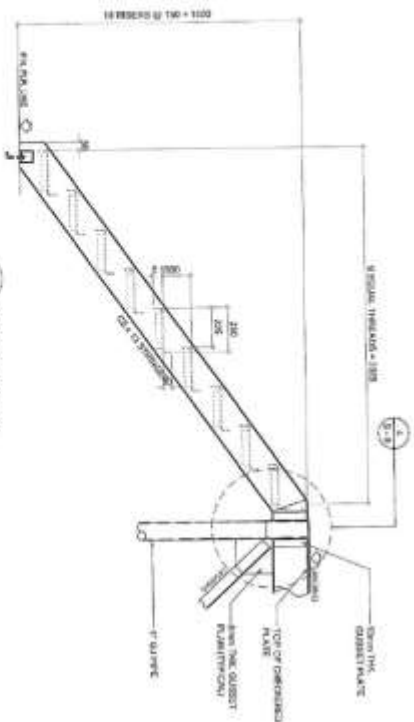
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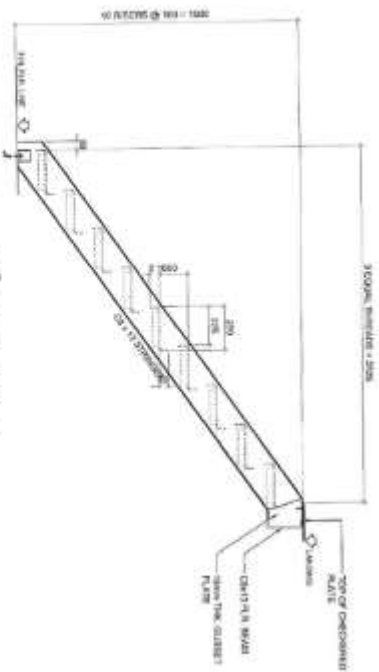
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DETAIL
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SECTION A-A
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SECTION C-C
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REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
CONSTRUCTION OF BANGSAMORO
CULTURAL CENTER CENTER
BANGSAMORO GOVERNMENT CENTER
BANGSAMORO GOVERNMENT CENTER

DESIGNED BY
MARCO ANTONIO
MARCO ANTONIO

APPROVED BY
MARCO ANTONIO
MARCO ANTONIO

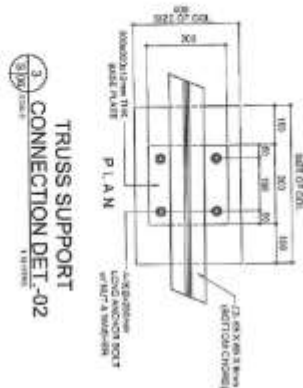
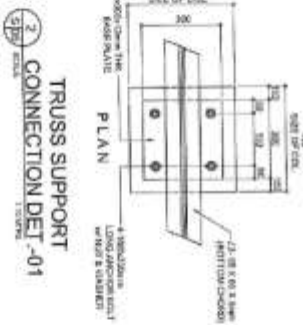
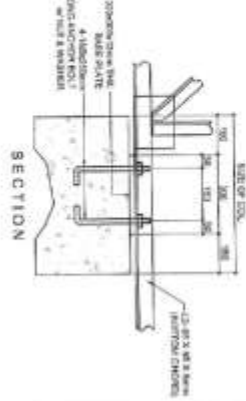
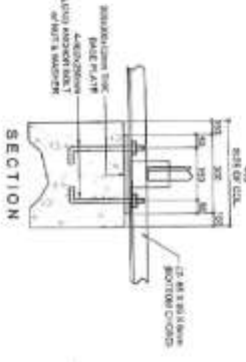
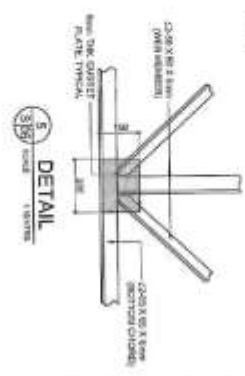
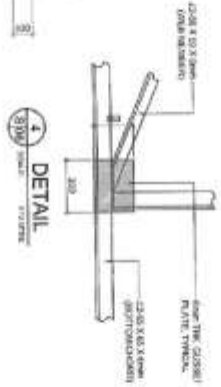
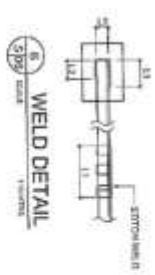
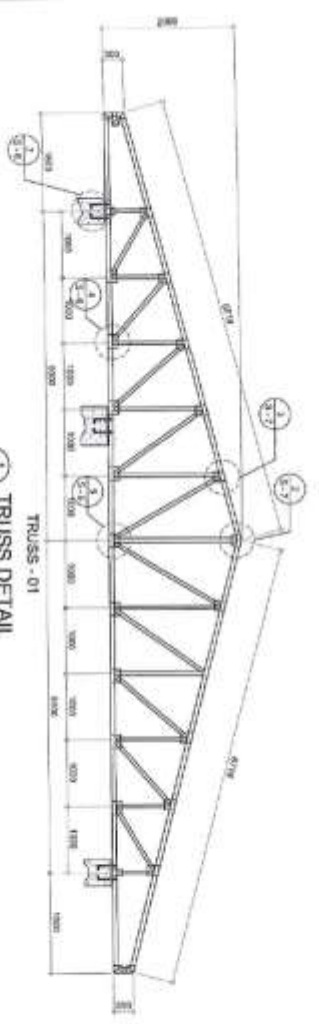
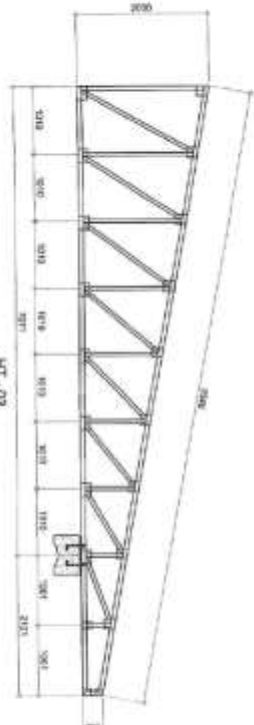
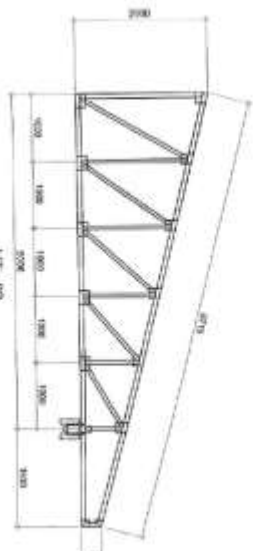
APPROVED BY
MARCO ANTONIO
MARCO ANTONIO

SHEET NO.
9

TOTAL SHEETS
23

SCHEDULE OF TRUSS MEMBERS AND WELDS

MEMBER	SECTION	WELD (mm)		
		1	2	3
A	200 x 150 x 8	8	120	100
B	200 x 150 x 8	8	120	100
C	200 x 150 x 8	8	120	100



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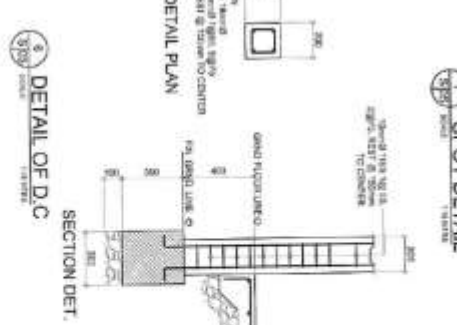
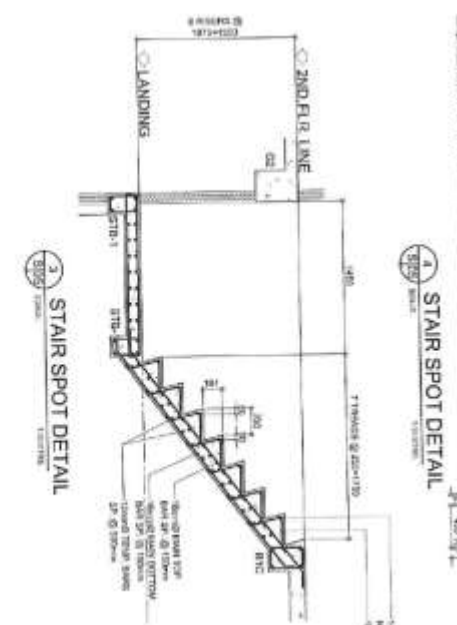
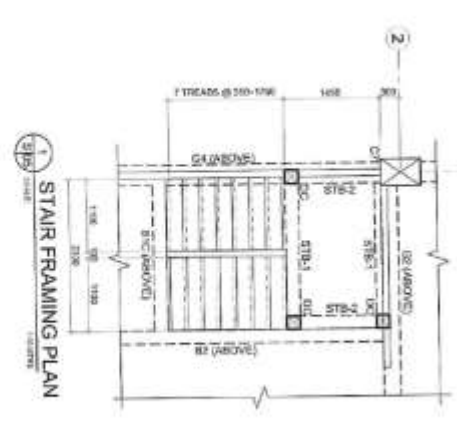
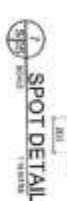
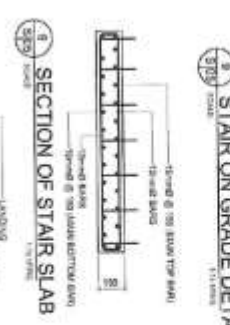
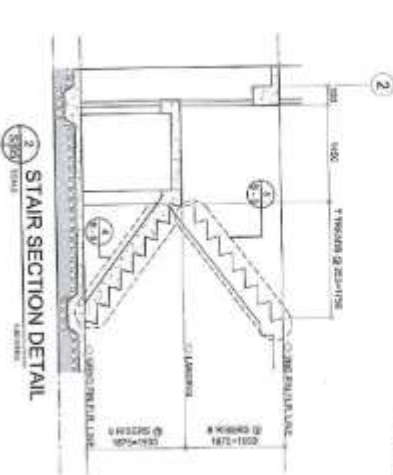
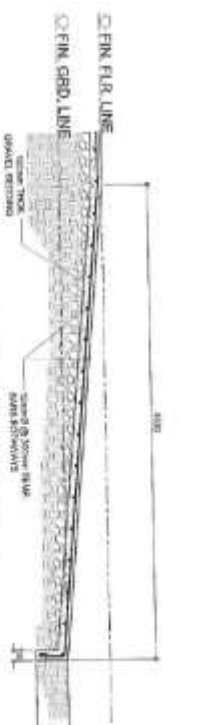
PROJECT TITLE: CONSTRUCTION OF BANGSAMORO SPECIAL EDUCATION CENTER
 CONTRACTOR: BANGSAMORO WATER SUPPLY AND SEWERAGE AUTHORITY
 PROJECT NO.: BSA/2018/001

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 2023

SHEET NO. 20 OF 23



DEPARTMENT OF ARCHITECTURE
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
 DEPARTMENT OF ARCHITECTURE
 CENTER AND OFFICE BUILDING

DESIGNED BY
 ARCHITECT

REVIEWED BY
 ARCHITECT

APPROVED BY
 ARCHITECT

DATE
 19/05/2023

SHEET NO.
 19

SHEET TOTAL
 23



REPUBLIC OF THE PHILIPPINES
 BANGSANGKO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSANGKO GOVERNMENT CENTER, COTABATO CITY

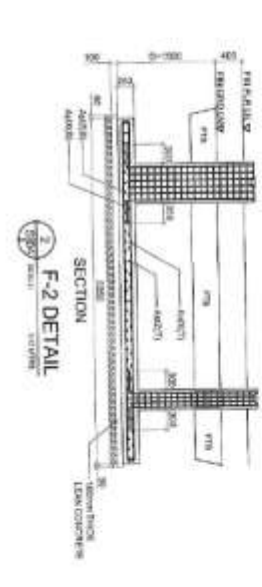
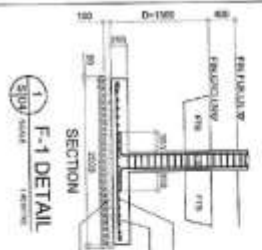
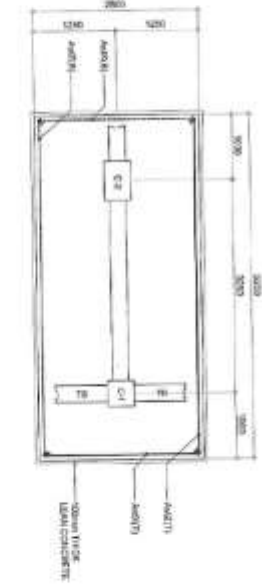
PROJECT TITLE
 CONSTRUCTION OF ENLARGED
 INTEGRATED AND MULTI-USE
 SERVICE BUILDING

DESIGNED BY
 ENGINEER
 BANGSANGKO GOVERNMENT CENTER

RECOMMENDED BY
 BANGSANGKO GOVERNMENT CENTER

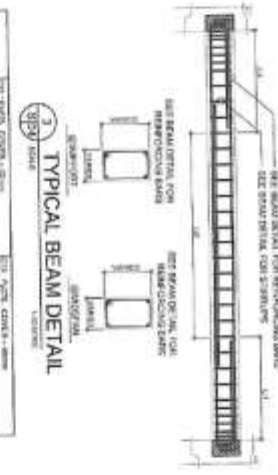
APPROVED BY
 BANGSANGKO GOVERNMENT CENTER

SHEET NO.
 18
 23



BEAM SCHEDULE

ITEM NO.	DESCRIPTION	STEEL REINFORCEMENTS		REMARKS
		TOP	BOTTOM	
1	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
2	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
3	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
4	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
5	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
6	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
7	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
8	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
9	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
10	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
11	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
12	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
13	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
14	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
15	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
16	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
17	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
18	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
19	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
20	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
21	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
22	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
23	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
24	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
25	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
26	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
27	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
28	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
29	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m
30	1.00m x 0.40m	4-12mm	4-12mm	1.00m x 0.40m

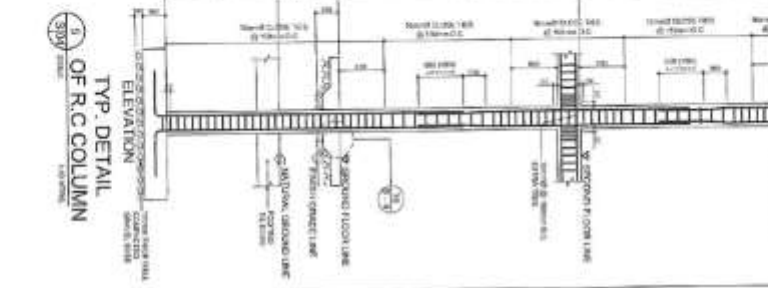


SCHEDULE OF FOOTING

FOOTING NO.	FOOTING DIMENSIONS	REINFORCEMENT	REMARKS
1	1.00m x 0.40m	4-12mm	1.00m x 0.40m
2	1.00m x 0.40m	4-12mm	1.00m x 0.40m
3	1.00m x 0.40m	4-12mm	1.00m x 0.40m
4	1.00m x 0.40m	4-12mm	1.00m x 0.40m
5	1.00m x 0.40m	4-12mm	1.00m x 0.40m
6	1.00m x 0.40m	4-12mm	1.00m x 0.40m
7	1.00m x 0.40m	4-12mm	1.00m x 0.40m
8	1.00m x 0.40m	4-12mm	1.00m x 0.40m
9	1.00m x 0.40m	4-12mm	1.00m x 0.40m
10	1.00m x 0.40m	4-12mm	1.00m x 0.40m
11	1.00m x 0.40m	4-12mm	1.00m x 0.40m
12	1.00m x 0.40m	4-12mm	1.00m x 0.40m
13	1.00m x 0.40m	4-12mm	1.00m x 0.40m
14	1.00m x 0.40m	4-12mm	1.00m x 0.40m
15	1.00m x 0.40m	4-12mm	1.00m x 0.40m
16	1.00m x 0.40m	4-12mm	1.00m x 0.40m
17	1.00m x 0.40m	4-12mm	1.00m x 0.40m
18	1.00m x 0.40m	4-12mm	1.00m x 0.40m
19	1.00m x 0.40m	4-12mm	1.00m x 0.40m
20	1.00m x 0.40m	4-12mm	1.00m x 0.40m
21	1.00m x 0.40m	4-12mm	1.00m x 0.40m
22	1.00m x 0.40m	4-12mm	1.00m x 0.40m
23	1.00m x 0.40m	4-12mm	1.00m x 0.40m
24	1.00m x 0.40m	4-12mm	1.00m x 0.40m
25	1.00m x 0.40m	4-12mm	1.00m x 0.40m
26	1.00m x 0.40m	4-12mm	1.00m x 0.40m
27	1.00m x 0.40m	4-12mm	1.00m x 0.40m
28	1.00m x 0.40m	4-12mm	1.00m x 0.40m
29	1.00m x 0.40m	4-12mm	1.00m x 0.40m
30	1.00m x 0.40m	4-12mm	1.00m x 0.40m

COLUMN AND WALL SCHEDULE

NO.	SECTION	REINFORCEMENT	REMARKS
1	1.00m x 0.40m	4-12mm	1.00m x 0.40m
2	1.00m x 0.40m	4-12mm	1.00m x 0.40m
3	1.00m x 0.40m	4-12mm	1.00m x 0.40m
4	1.00m x 0.40m	4-12mm	1.00m x 0.40m
5	1.00m x 0.40m	4-12mm	1.00m x 0.40m
6	1.00m x 0.40m	4-12mm	1.00m x 0.40m
7	1.00m x 0.40m	4-12mm	1.00m x 0.40m
8	1.00m x 0.40m	4-12mm	1.00m x 0.40m
9	1.00m x 0.40m	4-12mm	1.00m x 0.40m
10	1.00m x 0.40m	4-12mm	1.00m x 0.40m
11	1.00m x 0.40m	4-12mm	1.00m x 0.40m
12	1.00m x 0.40m	4-12mm	1.00m x 0.40m
13	1.00m x 0.40m	4-12mm	1.00m x 0.40m
14	1.00m x 0.40m	4-12mm	1.00m x 0.40m
15	1.00m x 0.40m	4-12mm	1.00m x 0.40m
16	1.00m x 0.40m	4-12mm	1.00m x 0.40m
17	1.00m x 0.40m	4-12mm	1.00m x 0.40m
18	1.00m x 0.40m	4-12mm	1.00m x 0.40m
19	1.00m x 0.40m	4-12mm	1.00m x 0.40m
20	1.00m x 0.40m	4-12mm	1.00m x 0.40m
21	1.00m x 0.40m	4-12mm	1.00m x 0.40m
22	1.00m x 0.40m	4-12mm	1.00m x 0.40m
23	1.00m x 0.40m	4-12mm	1.00m x 0.40m
24	1.00m x 0.40m	4-12mm	1.00m x 0.40m
25	1.00m x 0.40m	4-12mm	1.00m x 0.40m
26	1.00m x 0.40m	4-12mm	1.00m x 0.40m
27	1.00m x 0.40m	4-12mm	1.00m x 0.40m
28	1.00m x 0.40m	4-12mm	1.00m x 0.40m
29	1.00m x 0.40m	4-12mm	1.00m x 0.40m
30	1.00m x 0.40m	4-12mm	1.00m x 0.40m





REPUBLIC OF THE PHILIPPINES
 REGIONAL AUTONOMOUS REGION IN MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 DENZANGANG GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
 CAPITAL CONSTRUCTION OF DENZANGANG GOVERNMENT CENTER

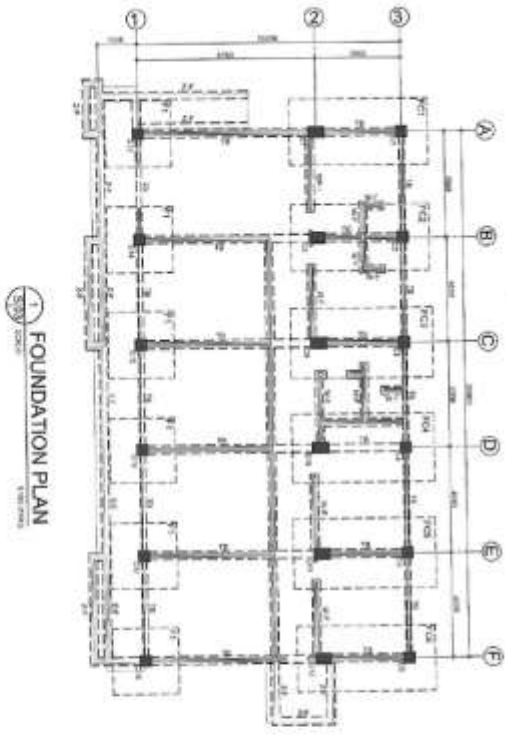
APPROVED BY
 [Signature]
 PROJECT ENGINEER

APPROVED BY
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 SUPERVISOR

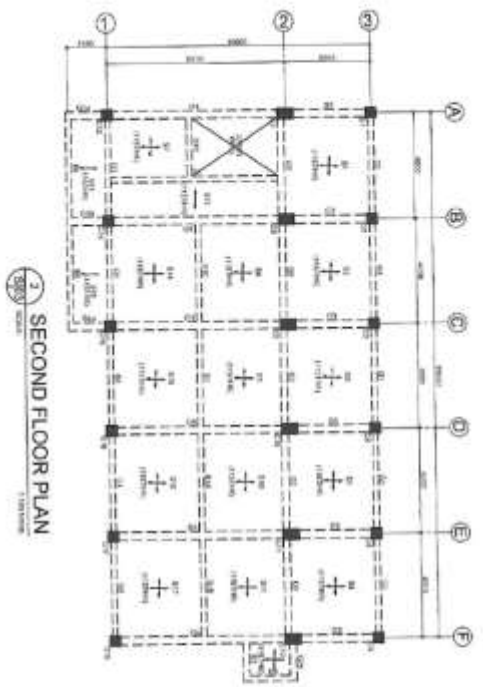
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 ARCHITECT

APPROVED BY
 [Signature]
 ELECTRICAL ENGINEER

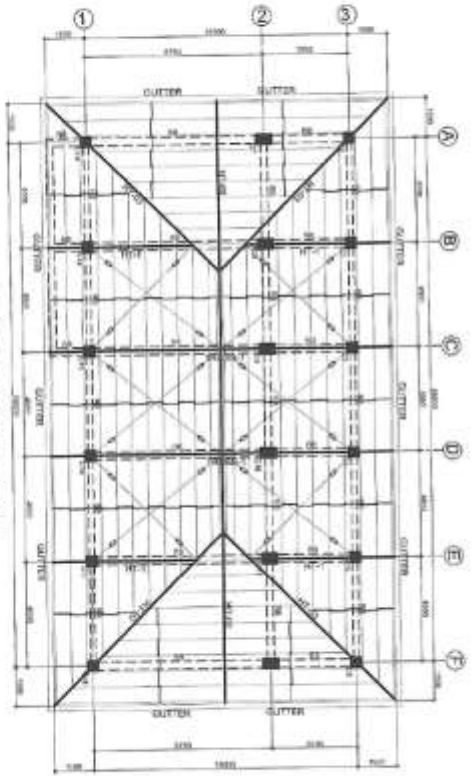
LIST NO. **3** SHEET NO. **17**
23



1 FOUNDATION PLAN



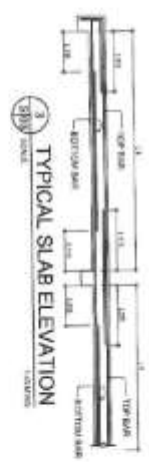
2 SECOND FLOOR PLAN



3 ROOF FRAMING PLAN

SLAB SCHEDULE (221 L' PAVZS) LEVEL 3.8 M

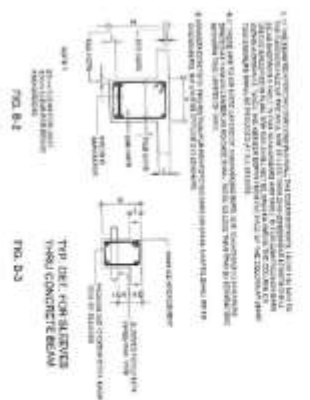
SLAB NUMBER	SLAB THICKNESS	BOTTOM REINFORCEMENT				TOP REINFORCEMENT				REMARKS
		ALONG SHORT SPAN	CURTAIN	ALONG LONG SPAN	CURTAIN	OVER LAVA SUPPORT	END SUPPORT	CANTILEVER SUPPORT	END SUPPORT	
1	150	4#12 @ 150 C/C	-	4#12 @ 150 C/C	-	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	-
2	150	4#12 @ 150 C/C	-	4#12 @ 150 C/C	-	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	-
3	150	4#12 @ 150 C/C	-	4#12 @ 150 C/C	-	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	-
4	150	4#12 @ 150 C/C	-	4#12 @ 150 C/C	-	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	-
5	150	4#12 @ 150 C/C	-	4#12 @ 150 C/C	-	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	-
6	150	4#12 @ 150 C/C	-	4#12 @ 150 C/C	-	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	4#12 @ 150 C/C	-



4 TYPICAL SLAB ELEVATION

TABLE 1
MINIMUM DESIGN STRENGTHS

Designation	Concrete	Steel	Reinforcing Steel
Concrete	30 MPa	415 MPa	275 MPa
Steel	30 MPa	415 MPa	275 MPa
Reinforcing Steel	30 MPa	415 MPa	275 MPa
Concrete	30 MPa	415 MPa	275 MPa
Steel	30 MPa	415 MPa	275 MPa
Reinforcing Steel	30 MPa	415 MPa	275 MPa



NOTES ON CONCRETE HOLLOW BLOCK WALLS

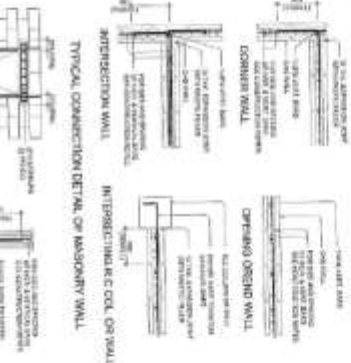
1. The minimum design strength of the concrete shall be 30 MPa.
2. The minimum design strength of the steel shall be 415 MPa.
3. The minimum design strength of the reinforcing steel shall be 275 MPa.
4. The concrete shall be cast in place.
5. The steel shall be lap welded.
6. The reinforcing steel shall be lap welded.

TABLE 2
TYPICAL SECTION OF HOLLOW BLOCK WALL

Material	Quantity	Unit	Remarks
Concrete	0.15	m ³	Per 1.0 m ² area
Steel	0.02	m ³	Per 1.0 m ² area
Reinforcing Steel	0.01	m ³	Per 1.0 m ² area

TABLE 3
MINIMUM DESIGN STRENGTHS

Designation	Concrete	Steel	Reinforcing Steel
Concrete	30 MPa	415 MPa	275 MPa
Steel	30 MPa	415 MPa	275 MPa
Reinforcing Steel	30 MPa	415 MPa	275 MPa

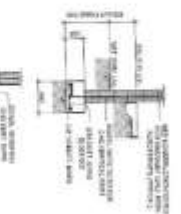


NOTES ON MASONRY WALLS

1. The minimum design strength of the masonry shall be 30 MPa.
2. The minimum design strength of the steel shall be 415 MPa.
3. The minimum design strength of the reinforcing steel shall be 275 MPa.
4. The masonry shall be cast in place.
5. The steel shall be lap welded.
6. The reinforcing steel shall be lap welded.

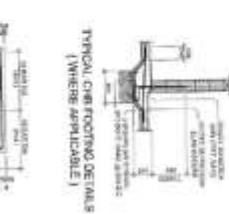
TABLE 4
TYPICAL SECTION OF MASONRY WALL

Material	Quantity	Unit	Remarks
Masonry	0.15	m ³	Per 1.0 m ² area
Steel	0.02	m ³	Per 1.0 m ² area
Reinforcing Steel	0.01	m ³	Per 1.0 m ² area



NOTES ON CONCRETE BEAMS

1. The minimum design strength of the concrete shall be 30 MPa.
2. The minimum design strength of the steel shall be 415 MPa.
3. The minimum design strength of the reinforcing steel shall be 275 MPa.
4. The concrete shall be cast in place.
5. The steel shall be lap welded.
6. The reinforcing steel shall be lap welded.



NOTES ON CONCRETE SLABS

1. The minimum design strength of the concrete shall be 30 MPa.
2. The minimum design strength of the steel shall be 415 MPa.
3. The minimum design strength of the reinforcing steel shall be 275 MPa.
4. The concrete shall be cast in place.
5. The steel shall be lap welded.
6. The reinforcing steel shall be lap welded.

TABLE 5
TYPICAL SECTION OF CONCRETE SLAB

Material	Quantity	Unit	Remarks
Concrete	0.15	m ³	Per 1.0 m ² area
Steel	0.02	m ³	Per 1.0 m ² area
Reinforcing Steel	0.01	m ³	Per 1.0 m ² area



NOTES ON STEEL BEAMS

1. The minimum design strength of the steel shall be 415 MPa.
2. The minimum design strength of the reinforcing steel shall be 275 MPa.
3. The steel shall be lap welded.
4. The reinforcing steel shall be lap welded.

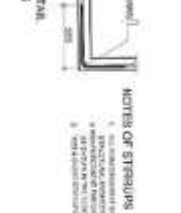


NOTES ON STEEL COLUMNS

1. The minimum design strength of the steel shall be 415 MPa.
2. The minimum design strength of the reinforcing steel shall be 275 MPa.
3. The steel shall be lap welded.
4. The reinforcing steel shall be lap welded.

TABLE 6
TYPICAL SECTION OF STEEL COLUMN

Material	Quantity	Unit	Remarks
Steel	0.15	m ³	Per 1.0 m ² area
Reinforcing Steel	0.01	m ³	Per 1.0 m ² area



NOTES ON STEEL BEAMS

1. The minimum design strength of the steel shall be 415 MPa.
2. The minimum design strength of the reinforcing steel shall be 275 MPa.
3. The steel shall be lap welded.
4. The reinforcing steel shall be lap welded.



NOTES ON STEEL COLUMNS

1. The minimum design strength of the steel shall be 415 MPa.
2. The minimum design strength of the reinforcing steel shall be 275 MPa.
3. The steel shall be lap welded.
4. The reinforcing steel shall be lap welded.

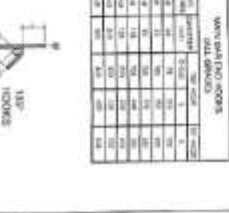
TABLE 7
TYPICAL SECTION OF STEEL COLUMN

Material	Quantity	Unit	Remarks
Steel	0.15	m ³	Per 1.0 m ² area
Reinforcing Steel	0.01	m ³	Per 1.0 m ² area



NOTES ON STEEL BEAMS

1. The minimum design strength of the steel shall be 415 MPa.
2. The minimum design strength of the reinforcing steel shall be 275 MPa.
3. The steel shall be lap welded.
4. The reinforcing steel shall be lap welded.



NOTES ON STEEL COLUMNS

1. The minimum design strength of the steel shall be 415 MPa.
2. The minimum design strength of the reinforcing steel shall be 275 MPa.
3. The steel shall be lap welded.
4. The reinforcing steel shall be lap welded.

TABLE 8
TYPICAL SECTION OF STEEL COLUMN

Material	Quantity	Unit	Remarks
Steel	0.15	m ³	Per 1.0 m ² area
Reinforcing Steel	0.01	m ³	Per 1.0 m ² area



REPUBLIC OF THE PHILIPPINES
BANGSAKAPANG-AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANWASAKANG GOVERNMENT CENTER, CORRAOATO CITY

PROJECT TITLE	PREPARED BY	REVISIONS	APPROVED BY	SHEET NO.	TOTAL SHEETS
CONSTRUCTION OF BANWASAKANG GOVERNMENT CENTER, CORRAOATO CITY	ENGR. JAYSON A. DELA CRUZ	1	ENGR. JAYSON A. DELA CRUZ	2	16
				3	23



REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE

CONSTRUCTION OF BANGSAMORO
 ONE STOP SERVICE CENTER

PROJECT YEAR: 2018

DESIGNED BY

ENRICA M. MANSUR
 ARCHITECT

REVIEWED BY

ENRICA M. MANSUR
 ARCHITECT

APPROVED BY

ENRICA M. MANSUR
 ARCHITECT

APPROVED BY

ENRICA M. MANSUR
 ARCHITECT

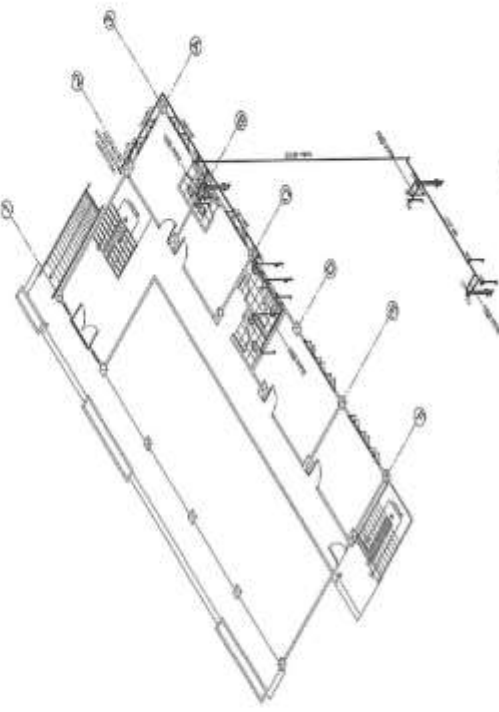
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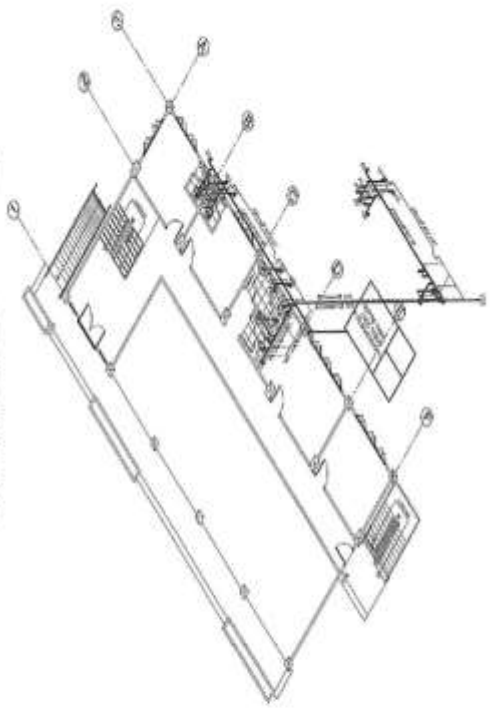
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13
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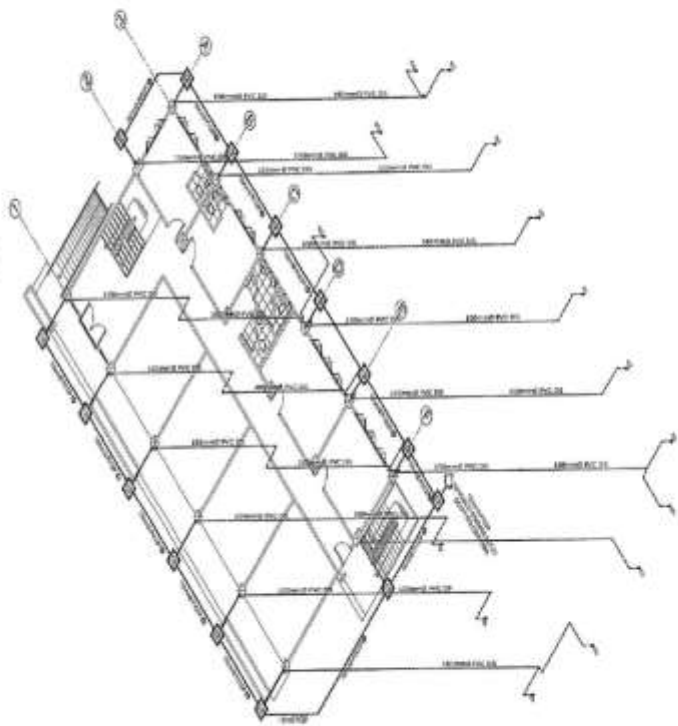
2 ISOMETRIC DIAGRAM (WATERLINE LAYOUT)



1 ISOMETRIC DIAGRAM (SANITARY LAYOUT)



3 ISOMETRIC DIAGRAM (STORM LAYOUT)





REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINORITIES
SPECIAL DEVELOPMENT FUND - PMO
 BANGSAMORO GOVERNMENT CENTER, COR. NAJATO CITY

PROJECT TITLE
 CONSTRUCTION OF BANGSAMORO
 GOVERNMENT CENTER OFFICE CENTER
 BANGSAMORO CITY

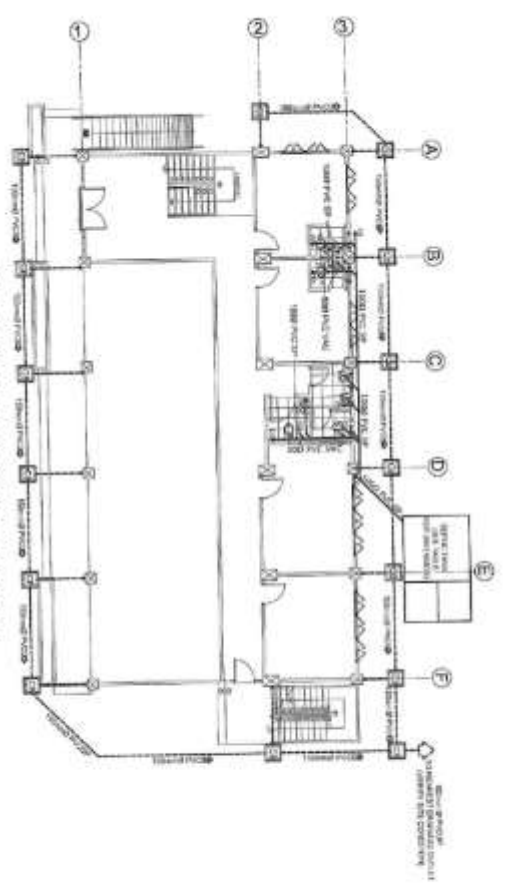
DESIGNED BY
 ENGR. ALVIN R. MANSUR
 REGISTERED CIVIL ENGINEER
 REG. NO. 101,102

REVIEWED BY
 ENGR. RICHARD S. LACOR
 REGISTERED CIVIL ENGINEER
 REG. NO. 101,103

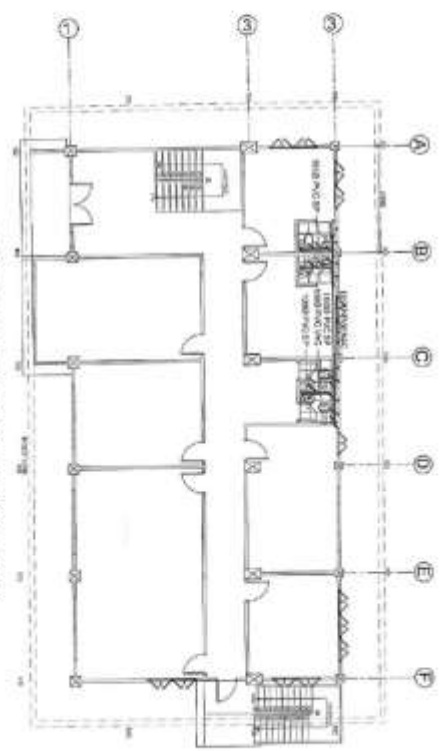
RECHECKED BY
 ENGR. RICHARD S. LACOR
 REGISTERED CIVIL ENGINEER
 REG. NO. 101,103

APPROVED BY
 ARMANI L. MANSUR
 REGISTERED CIVIL ENGINEER
 REG. NO. 101,102

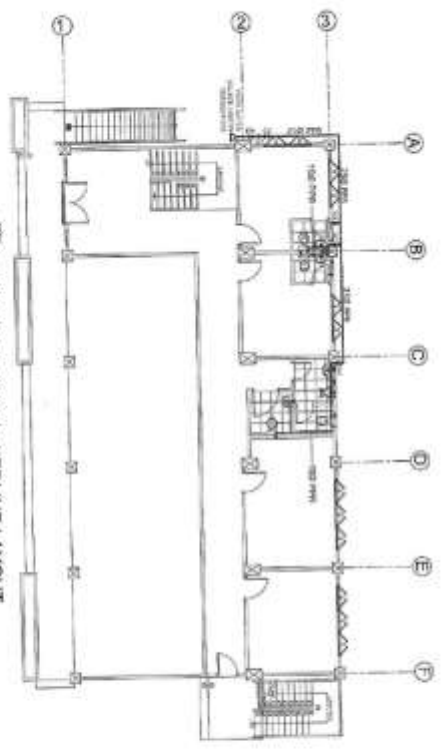
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 SHEETS **12**
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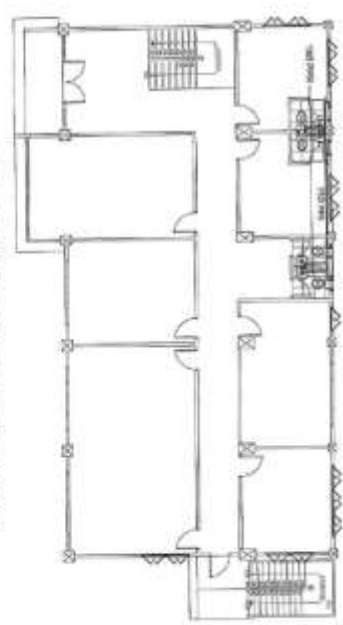
3 GROUND FLOOR SANITARY LAYOUT
 P-1



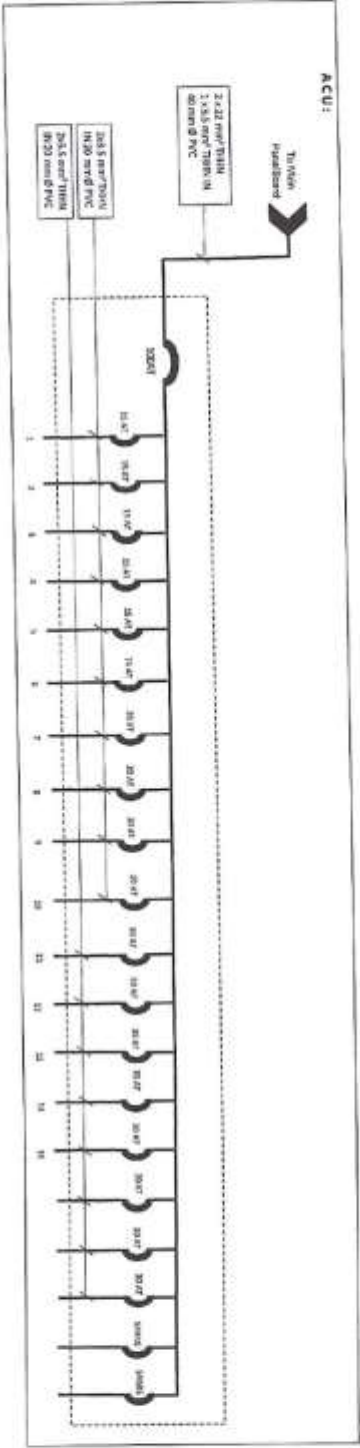
4 SECOND FLOOR SANITARY LAYOUT
 P-1



1 GROUND FLOOR WATERLINE LAYOUT
 P-1



2 SECOND FLOOR WATERLINE LAYOUT
 P-1



LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
□	1. HANGING CONDUIT OR CONCEALED LUMINAIRE	○	1. OUTLET BREAKER SWITCH AS INDICATED
□	2. RECURRING SWITCH TYPE POWERLAMP SOCKET	○	2. PANEL OR CONCEALED CIRCUT BREAKER
□	3. HANGING CONDUIT OR CONCEALED LUMINAIRE	○	3. OUTLET TYPE 30 AMP, 200 VOLTS
□	4. 1/2" x 1/2" WHITE KUMERSON LUMINAIRE (RFL, 300 TYPE)	○	4. WATERSHED OR OTHER CONDUIT
□	5. SINGLE POINT WALL SWITCH	○	5. SINGLE POINT TYPE SWITCH BY IEC
□	6. 1/2" x 1/2" WHITE KUMERSON LUMINAIRE (RFL, 300 TYPE)	○	6. CONDUIT (CONDUIT)
□	7. THREE WAY WALL SWITCH	○	7. ENCLOSED AIR CIRCUIT BREAKER
□	8. THREE WAY WALL SWITCH	○	8. SWITCH WITH
□	9. 1/2" x 1/2" WHITE KUMERSON LUMINAIRE (RFL, 300 TYPE)	○	9. CORNER SWITCH
□	10. RECURRING CONDUIT CONCEALED IN CEILING	○	10. MAIN DISTRIBUTION PANEL BOARD
□	11. MAIN SWITCH MARKED AS 'T'		

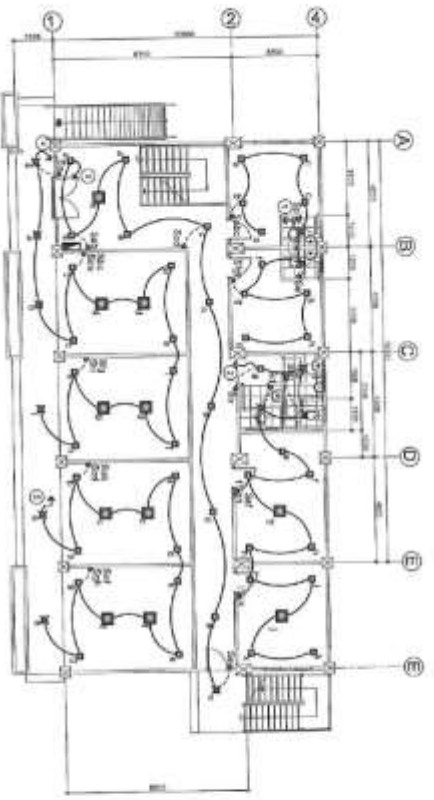
GENERAL NOTES:

1. ALL ELECTRICAL WORKS SHALL COMPLY WITH THESE PLANS AND SPECIFICATIONS.
2. THE APPLICABLE REGULATIONS, RULES AND REGULATIONS OF THE LOCAL, PROVINCIAL, NATIONAL AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
3. THE ELECTRICAL SERVICE POWER SHALL BE 1 PHASE, 240V, 50HZ, AC, 60HZ.
4. WIRING METHOD SHALL BE AS FOLLOWS:
 a. RIGID STEEL CONDUIT OR POLYVINYL CHLORIDE CONDUIT SCHEDULE 40 SHALL BE USED AS SPECIFIED IN THE PLAN.
 b. ALL WIRING SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE WIRE FOR POWER CONDUITS, LIKE WIRE, ALL CONDUCTORS SHALL BE COLOR-CODED, SMALLEST 600V, 1/2" WIDE. ALL CONDUCTORS SHALL BE GALVANIZED GAUGE NO. 16 DEEP TYPE.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAUGE NO. 16 DEEP TYPE.
6. ALL MAIN PANELS TO BE USED SHALL BE BRAND NEW AND APPROVED FOR THE PARTICULAR LOCATION AND USAGE.
7. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO THE ELECTRICAL SYSTEM AS PER THE PHILIPPINE ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING SERVICES SHALL BE AS FOLLOWS:
 a. LIGHT SWITCH - 1.2M ABOVE FINISH FLOOR
 b. CONDUIT SERVICE OUTLET - 0.3M ABOVE FINISH FLOOR
9. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A duly REGISTERED ELECTRICAL ENGINEER.

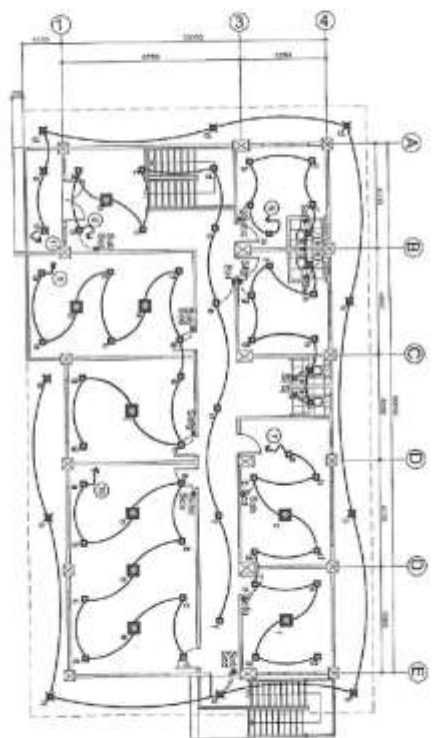


REPUBLIC OF THE PHILIPPINES
 BANGSANG MOGONG AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSANG MOGONG GOVERNMENT CENTER, COTABATO CITY

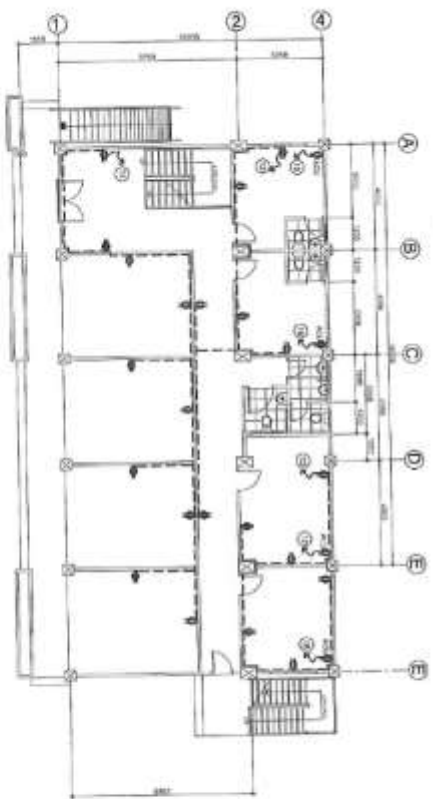
PROJECT TITLE	DESIGNED BY	CHECKED BY	APPROVED BY	DATE	SCALE
Construction of Bangsamoro Cultural Center Model Center	DR. HENRY A. MANSAYONG, JR. PROVINCIAL ENGINEER	DR. HENRY A. MANSAYONG, JR. PROVINCIAL ENGINEER	DR. HENRY A. MANSAYONG, JR. PROVINCIAL ENGINEER	11/23	3/4



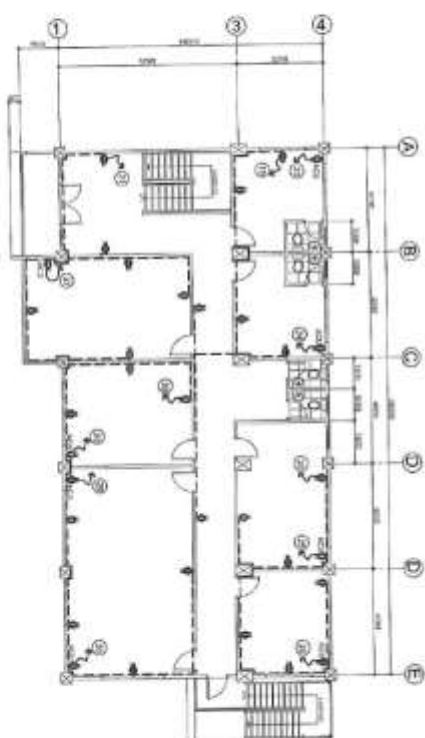
1
G.P. CODE
GROUND FLOOR LIGHTING LAYOUT



2
G.P. CODE
SECOND FLOOR LIGHTING LAYOUT



1
G.P. CODE
GROUND FLOOR POWER LAYOUT



2
G.P. CODE
SECOND FLOOR POWER LAYOUT



REPUBLIC OF THE PHILIPPINES
BANGSAKONG AUTONOMOUS REGION IN MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANGSAKONG GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
CONSTRUCTION OF ASSASSINATED
ONE STOP-OPERATION CENTER

PREPARED BY
ENR. MARCO ANTONIO M. MORALES, JR.
PROJECT ENGINEER
ENR. MARCO ANTONIO M. MORALES, JR.
PROJECT ENGINEER

REVIEWED BY
ENR. MARCO ANTONIO M. MORALES, JR.
PROJECT ENGINEER

REDESIGNED BY
ENR. MARCO ANTONIO M. MORALES, JR.
PROJECT ENGINEER

APPROVED BY
ENR. MARCO ANTONIO M. MORALES, JR.
PROJECT ENGINEER

SHEET NO.
1
E

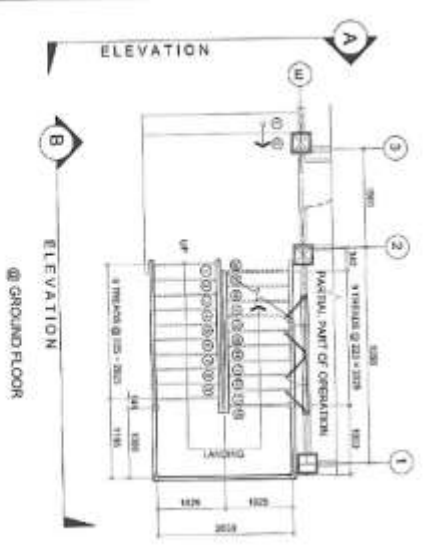
SHEET NO.
9
23



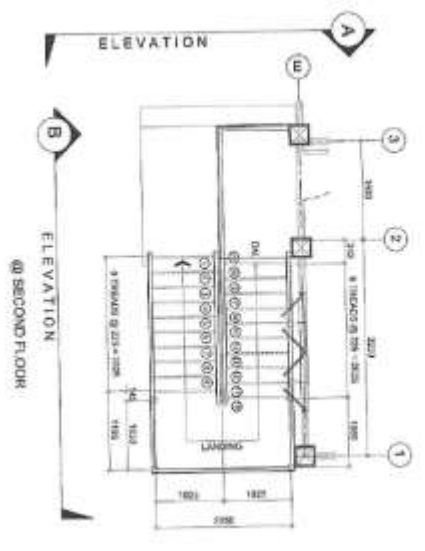
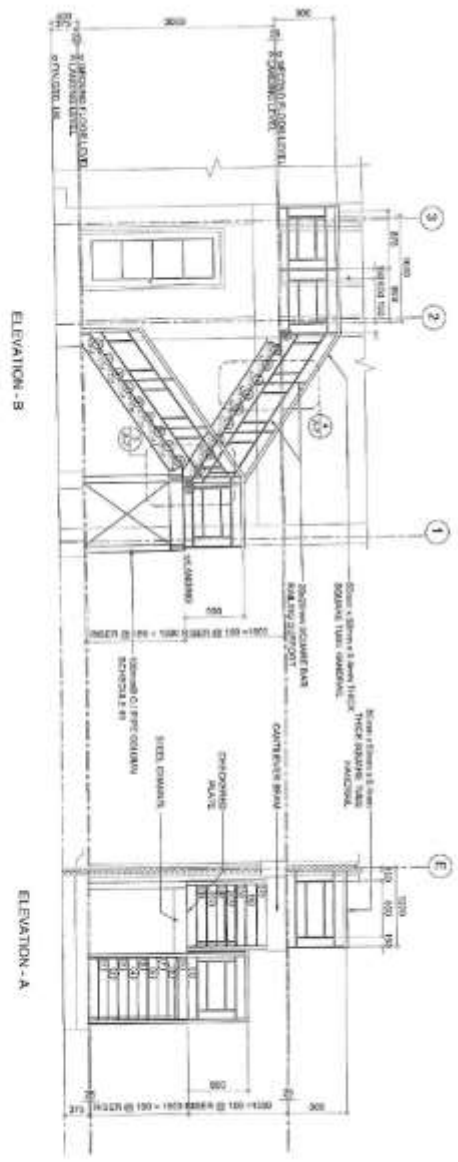
REPUBLIC OF THE PHILIPPINES
 BANGSAWANG AUTONOMOUS REGION IN MUSLIM BIKOLAND
SPECIAL DEVELOPMENT FUND - PMO
 BANGSANGRO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE	CONSTRUCTION OF BANGSANGRO GOVERNMENT CENTER	DESIGNED BY	SPR ENGINEERING & ARCHITECTURE INC.	REVIEWED BY	[Signature]	RECOMMENDED BY	[Signature]	APPROVED BY	[Signature]	SHEET NO.	1
DESIGN NUMBER		REVISIONS		REVISIONS		REVISIONS		REVISIONS		SHEET NO.	23

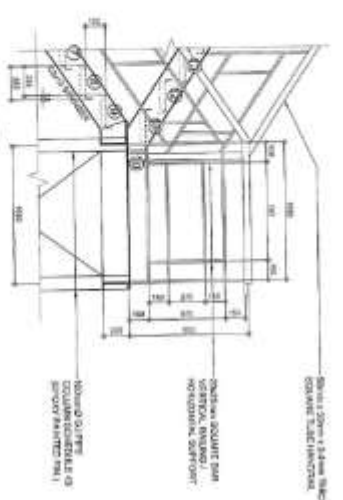
1 FIRE ESCAPE PLAN
A-T



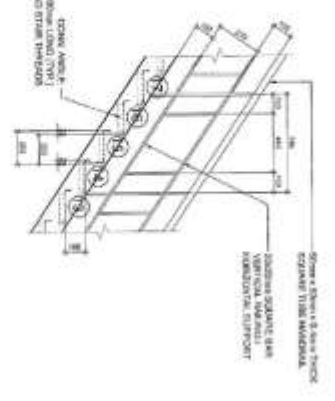
2 FIRE ESCAPE ELEVATION
A-T

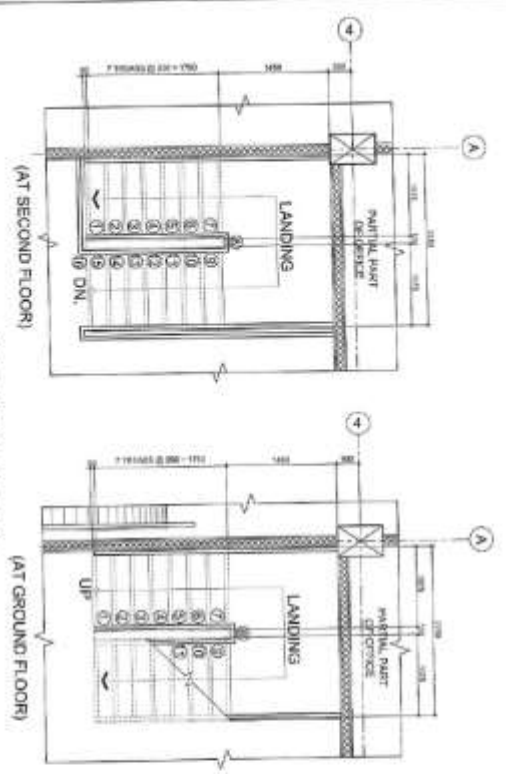


3 SPOT DETAIL
A-T

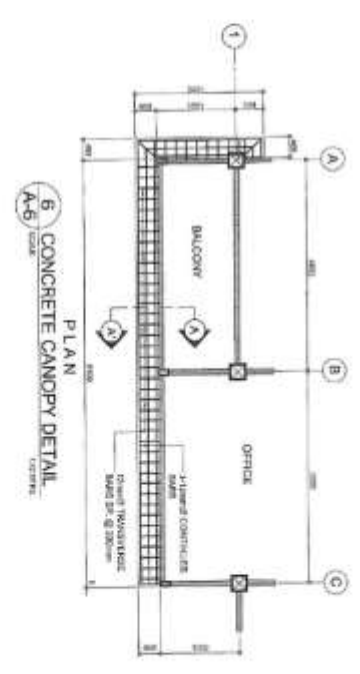
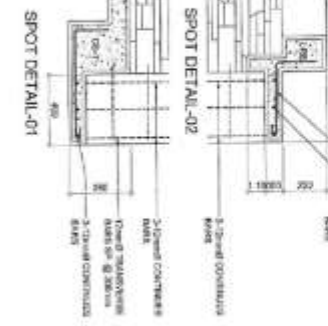
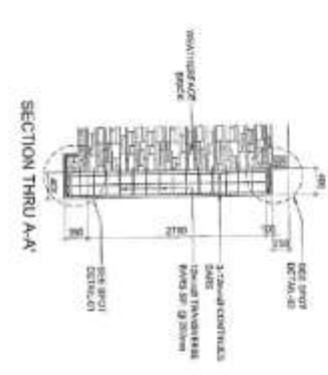
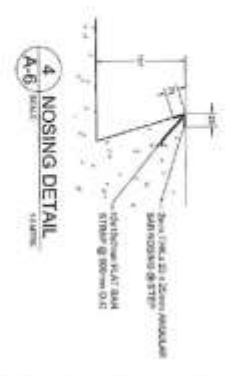
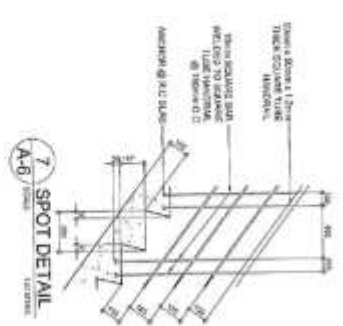
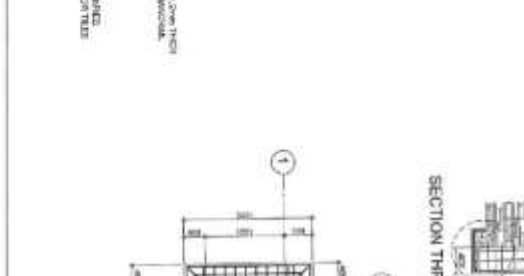
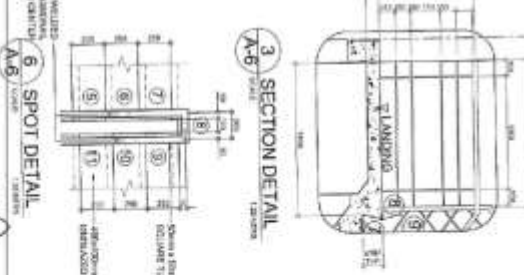
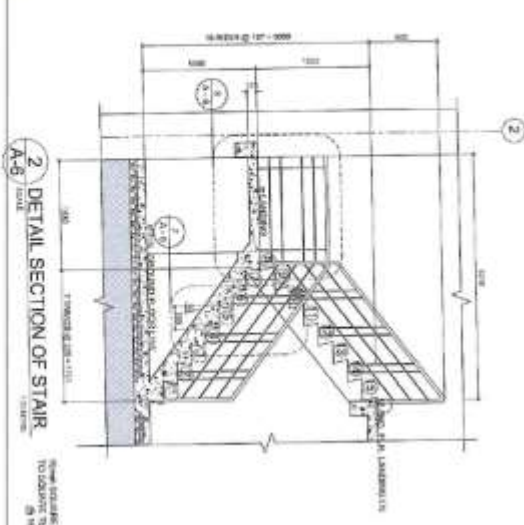


4 SPOT DETAIL
A-T





1 STAIR PLAN DETAIL
A-6 SCALE



REPUBLIC OF THE PHILIPPINES
BANGSAKO ANG AUTONOMOUS REGION IN MUSLIM MINORITIES
SPECIAL DEVELOPMENT FUND - PMO
BANGSABORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
CONSTRUCTION OF BANGSABORO
GOVERNMENT CENTER
BANGSABORO GOVERNMENT CENTER

DESIGNED BY
SOLAR ENGINEERING CONSULTANTS
CORPORATION
1000 N. RIVERVIEW BLVD.
SUITE 1000
DUBLIN, CA 94568

APPROVED BY
[Signature]

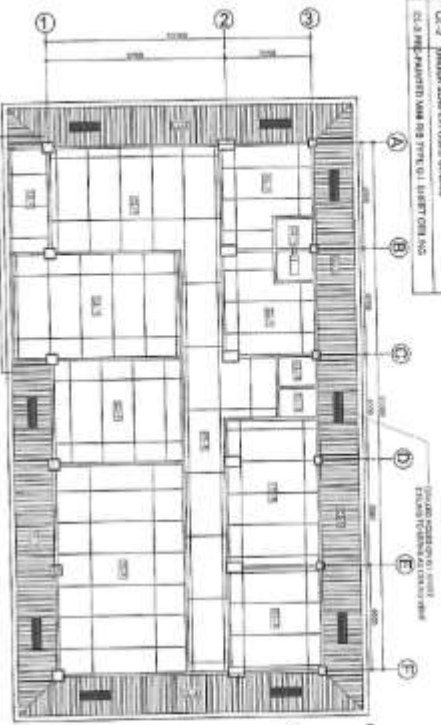
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[Signature]

APPROVED BY
[Signature]

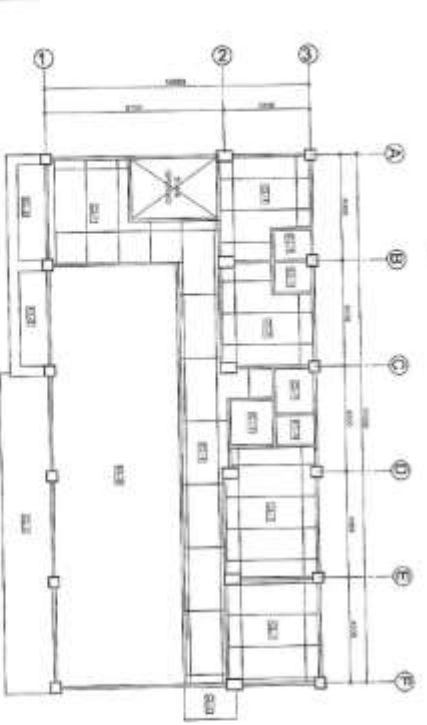
SHEET NO.
6
A

SHEET NO.
6
23

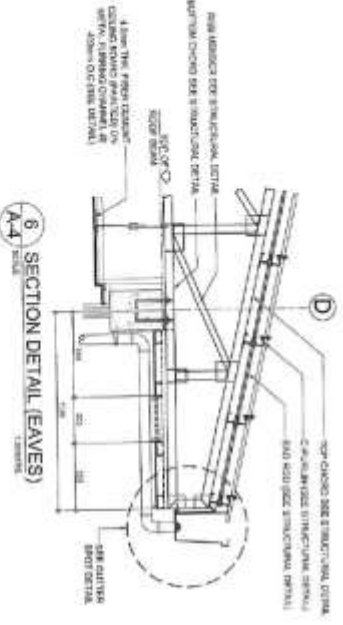
CELLING FINISHES	
WALLS	CEILING FINISHES
CL-1	4.5mm TRIPLE GLASS CLIMATE CONTROL PANEL WITH 10mm AIR SPACE (INTERIOR) & 10mm AIR SPACE (EXTERIOR)
CL-2	INTERIOR GLASS FINISHES
CL-3	EXTERIOR GLASS FINISHES



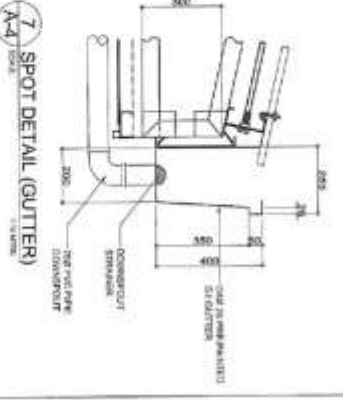
2 SECOND FLOOR (REFLECTED CEILING PLAN)
SCALE: 1/20



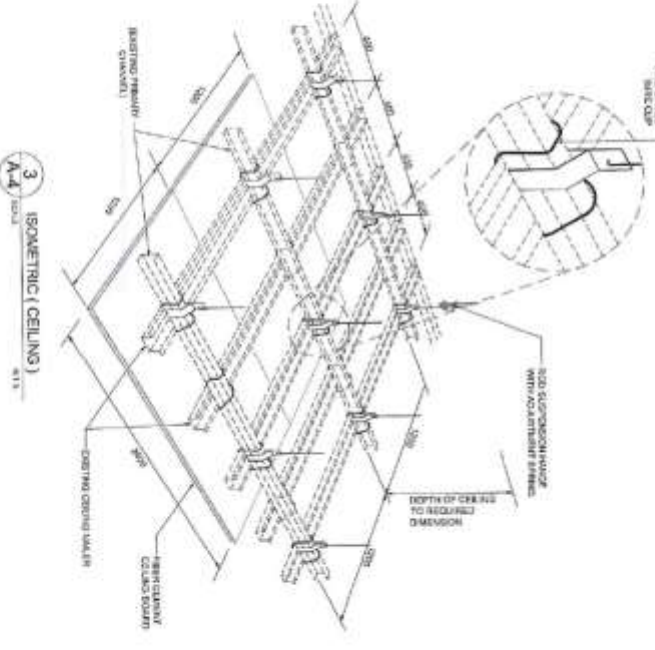
1 GROUND FLOOR (REFLECTED CEILING PLAN)
SCALE: 1/20



6 SECTION DETAIL (EAVES)
SCALE: 1/10



7 SPOT DETAIL (GUTTER)
SCALE: 1/10



3 ISOMETRIC (CEILING)
SCALE: 1/10

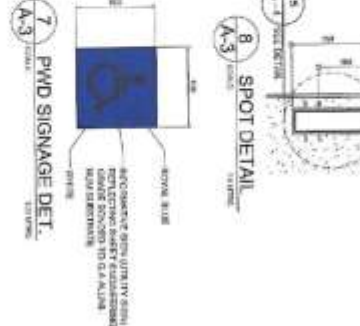
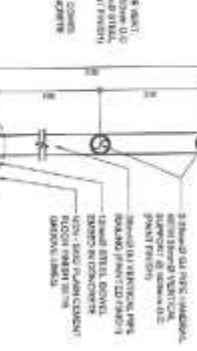
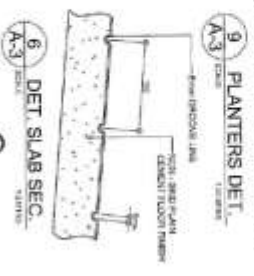
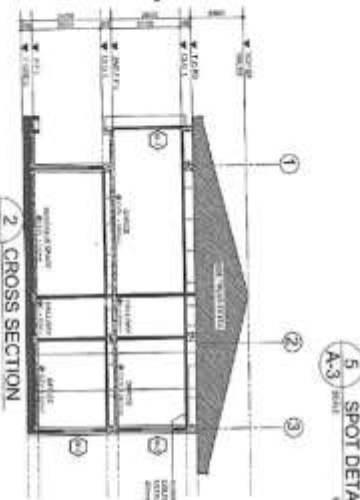
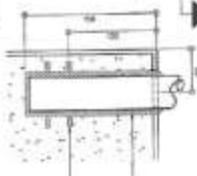
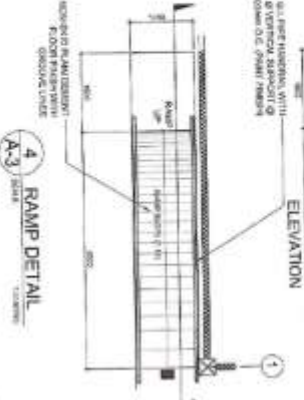
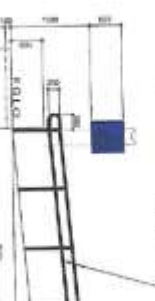
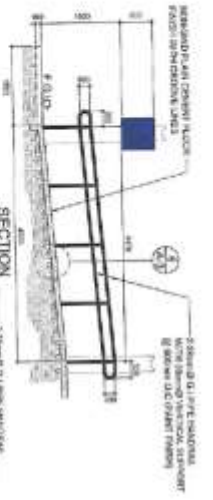
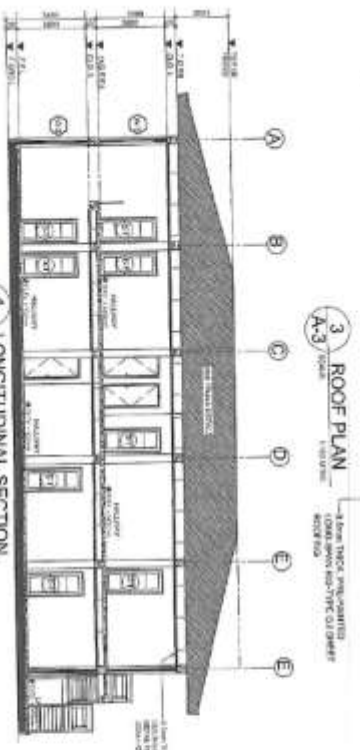
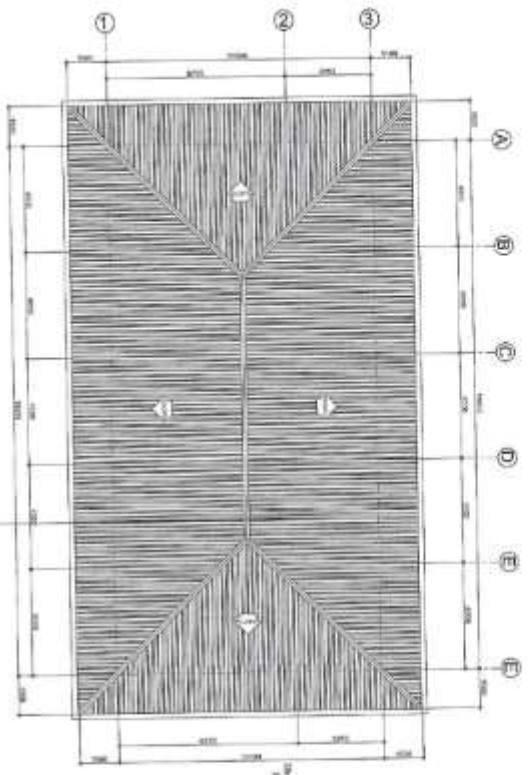


REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE	DESIGNED BY	REVIEWED BY	RECOMMENDED BY	APPROVED BY	DATE	SHEET NO.
DOMESTICATION OF BANGSAMORO DEVELOPMENT FUND CENTER	DOMESTICATION OF BANGSAMORO DEVELOPMENT FUND CENTER	DOMESTICATION OF BANGSAMORO DEVELOPMENT FUND CENTER	DOMESTICATION OF BANGSAMORO DEVELOPMENT FUND CENTER	DOMESTICATION OF BANGSAMORO DEVELOPMENT FUND CENTER	4 A	4 23

FLOOR FINISHES	
WALL	WALL DESCRIPTION
FL-1	INTERIOR WALL FINISH
FL-2	EXTERIOR WALL FINISH
FL-3	FLOOR FINISH

WALL FINISHES	
WALL	WALL DESCRIPTION
WF-1	INTERIOR WALL FINISH
WF-2	EXTERIOR WALL FINISH
WF-3	FLOOR FINISH



REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
 CONSTRUCTION OF BANGSAMORO
 ONE-STOP SERVICE CENTER

DESIGNED BY
 ENGINEER
 REGISTERED PROFESSIONAL ENGINEER

ENGINEER BY
 REGISTERED PROFESSIONAL ENGINEER

REGISTERED ARCHITECT BY
 REGISTERED ARCHITECT

APPROVED BY
 REGISTERED PROFESSIONAL ENGINEER

SHEET NO.
 3/23



REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSAMORO GOVERNMENT CENTER, CORTALETO CITY

PROJECT TITLE
 CONSTRUCTION AND ANCHORAGE
 OFFICE SHOP AND CAR CENTER

DESIGNED BY
 ENGR. ANTONIO M. MANSURAH
 LICENSE NO. 10247
 REGISTERED PROFESSIONAL ARCHITECT

APPROVED BY
 ENGR. ANTONIO M. MANSURAH
 LICENSE NO. 10247
 REGISTERED PROFESSIONAL ARCHITECT

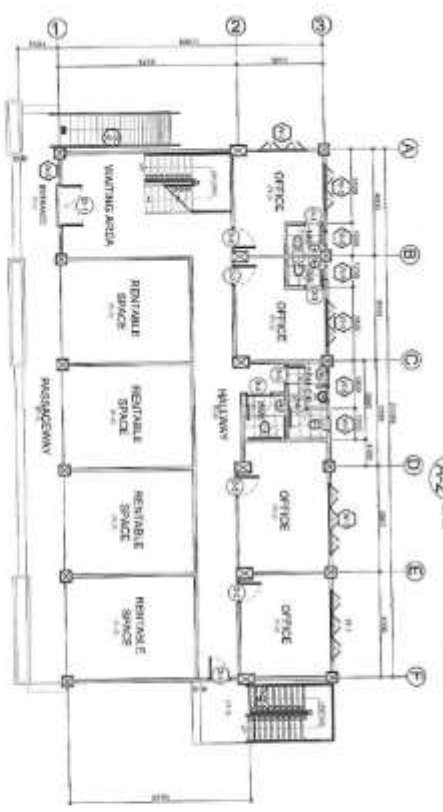
RECOMMENDED BY
 ENGR. ANTONIO M. MANSURAH
 LICENSE NO. 10247
 REGISTERED PROFESSIONAL ARCHITECT

APPROVED BY
 ANTONIO M. MANSURAH
 LICENSE NO. 10247
 REGISTERED PROFESSIONAL ARCHITECT

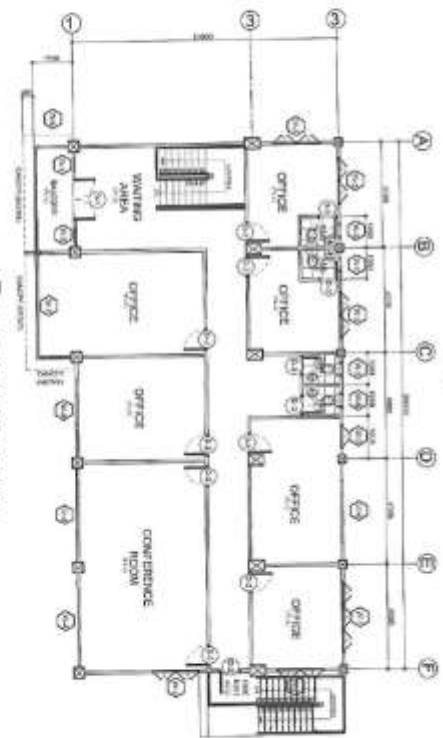
DATE: 3/2023

SHEET NO. 2

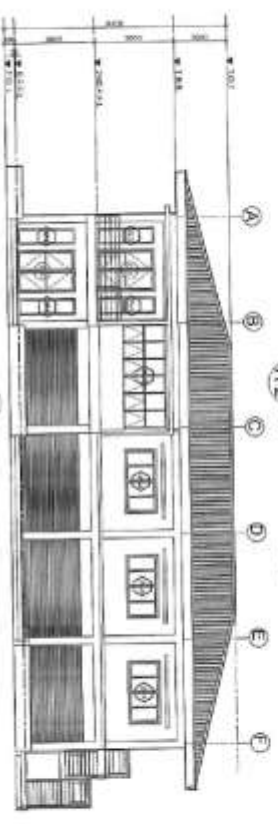
1 GROUND FLOOR PLAN
 A-2 SCALE



2 SECOND FLOOR PLAN
 A-2 SCALE



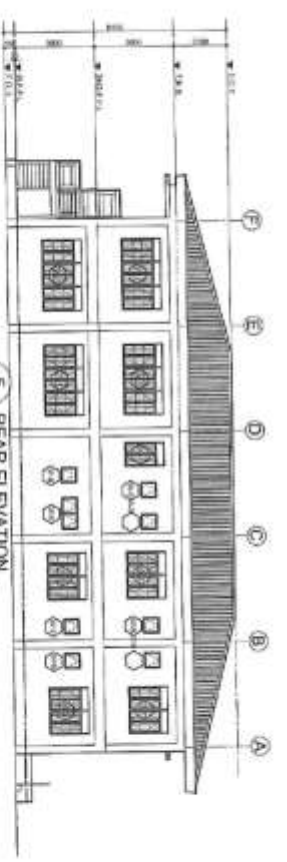
3 FRONT ELEVATION
 A-2 SCALE



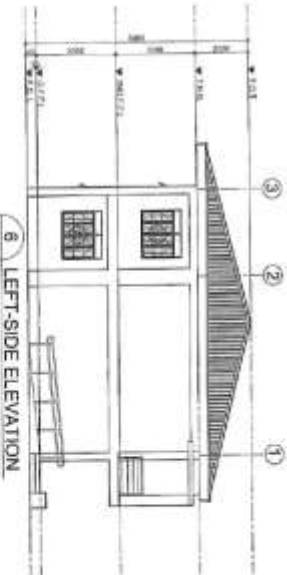
4 RIGHT-SIDE ELEVATION
 A-2 SCALE



5 REAR ELEVATION
 A-2 SCALE



6 LEFT-SIDE ELEVATION
 A-2 SCALE





1
A-1
PERSPECTIVE
1/23



REPUBLIC OF THE PHILIPPINES
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMMO
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE
 CONSTRUCTION OF BANGSAMORO
 ONE-STOP SERVICE CENTER
 PROJECT NO. 1001

DESIGNED BY
 MR. JAY R. MANSOURING
 ARCHITECT
 REGISTERED ARCHITECT NO. 1001
 PROJECT NO. 1001

DESIGNED BY
 MR. JAY R. MANSOURING
 ARCHITECT
 REGISTERED ARCHITECT NO. 1001
 PROJECT NO. 1001

DESIGNED BY
 MR. JAY R. MANSOURING
 ARCHITECT
 REGISTERED ARCHITECT NO. 1001
 PROJECT NO. 1001

DESIGNED BY
 MR. JAY R. MANSOURING
 ARCHITECT
 REGISTERED ARCHITECT NO. 1001
 PROJECT NO. 1001





REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PROJECT MANAGEMENT OFFICE
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY



**CONSTRUCTION OF BANGSAMORO ONE-STOP-SHOP
 (BOSS) CENTER**
 Bongao, Tawi-Tawi



REPUBLIC OF THE PHILIPPINES
 BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
SPECIAL DEVELOPMENT FUND - PMO
 BANGSAMORO GOVERNMENT CENTER, COTABATO CITY

PROJECT TITLE	FORWARDED BY	REVIEWED BY	RECOMMENDED BY	APPROVED BY	SET NO.	SHEET NO.
CONSTRUCTION OF BANGSAMORO ONE-STOP-SHOP CENTER BONGAO, TAWI-TAWI	 PROJECT MANAGER BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	 REVIEWER BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	 RECOMMENDER BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	 APPROVER BANGSAMORO GOVERNMENT CENTER, COTABATO CITY	○	○

Annex "C"

Section VIII. Bill of Quantities

Contract Name: Construction of Bangsamoro One-Stop-Shop (BOSS) Center in Bongao, Province of Tawi-Tawi

Location of the Contract: Bongao, Tawi-Tawi

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (Pesos)	AMOUNT (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
PART I. OTHER GENERAL REQUIREMENTS					
B.1	Temporary Facilities	L.S	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.3	Permits and Clearances	L.s	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.5	Project Billboard/ Sign Board	Ea	3.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.7 (2)	Occupational Safety and Health	mo	12.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
B.9	Mobilization and Demobilization	L.S.	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
PART II. CIVIL, MECHANICAL, ELECTRICAL, AND SANITARY/PLUMBING WORKS					
PART A. EARTHWORKS					
800(1)	Clearing and Grubbing	sq.m.	648.00	In Words: Pesos: _____ _____	In Words: Pesos: _____ _____

				_____	_____
				In Figures: _____	In Figures: _____
803(1)a	Structure Excavation, Common Soil	cu.m.	256.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
804(1)a	Embankment from Structure Excavation	cu.m.	153.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
804(1)b	Embankment from Borrow by Equipment	cu.m.	80.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
804(4)b	Gravel Bedding	cu.m.	20.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
PART B. PLAIN AND REINFORCED CONCRETE WORKS					
900(1)C2	Structural Concrete for Footing and Slab on Fill (Class A, 28 days)	cu.m.	56.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
900(1)	Structural Concrete for Footing Tie Beam, Column, Suspended Slab, Girder/Beam (Class A, 28 days)	cu.m.	54.24	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
901(1)	Lean Concrete	cu.m.	11.25	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
902(1)a	Reinforcing Steel of Reinforced Concrete Structures Two up to	kg.	16,570. 00	In Words: Pesos: _____ _____	In Words: Pesos: _____ _____

	Five Storey			_____	_____
				In Figures: _____	In Figures: _____
903(2)	Formworks and Falseworks	sq.m.	612.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
PART C. PLUMBING WORKS					
1001(1)a	50 mm ϕ - 150 mm ϕ PVC Pipe, Series 600/1000	m	150.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
1001(2)	PVC Fittings	ea	81.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
1001(6)	Catch Basin (Concrete CHB)	ea	15.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
1001(9)	Storm Drainage and Downspout	l.s.	1.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
1001(11)	Septic Vault (2 Chamber, 5.9mx2.8mx3.1m)	l.s.	1.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
1002(3)a	13 mm \emptyset -50 mm \emptyset Polypropylene Random Copolymer (PPR-C) Pipe, PN 101 PN 161 PN 20	pc.	30.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____
1002(3)	Polyvinyl Chloride PVC Fittings, blue	pc	75.00	In Words: Pesos: _____ _____ _____	In Words: Pesos: _____ _____ _____
				In Figures: _____	In Figures: _____

				In Figures: _____	In Figures: _____
1002(5)	Plumbing Fixtures	l.s	1.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
PART D. FINISHING					
1003(1)	4.5mm Fiber Cement Board on Metal Frame Ceiling	sq.m.	464.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1004(2)	Finishing Hardware	set	60.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1005	Residential Casement Window	sq.m.	40.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1007	Aluminum Glass Door (Sliding/ Swing Type)	sq.m.	6.88	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1008	Aluminum Glass Window (Sliding/ Swing /Fixed Type)	sq.m.	31.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1010(2)a	Hollow Core Flush Door	sq.m.	16.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1010(2)b	Wooden Panel Door	sq.m.	27.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____

				In Figures: _____	In Figures: _____
1013(2)	Fabricated Metal Roofing Accessory (Ridge/Hip Rolls)	m	48.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____
1013(2)c	Fabricated Metal Roofing Accessory (Gutter)	m	72.00	In Words: Pesos: _____ _____ _____ In Figures: _____	In Words: Pesos: _____ _____ _____ In Figures: _____

AMOUNT IN WORDS:

Submitted by:

Name & Signature of Bidder's Representative

Date: _____

Position

Name of Firm

Address