

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Government of the Republic of the Philippines

REPAIR AND EXTENSION OFFICE OF SNC BUILDING IN DEPED-CAR REGIONAL OFFICE

Government of the Republic of the Philippines

DepED-CAR RO CB 2024-04-009

**Sixth Edition
July 2020**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



**Republic of the Philippines
Department of Education
Cordillera Administrative Region
Wangal, La Trinidad, Benguet**

**Invitation to Bid for the
*REPAIR AND EXTENSION OF SNC BUILDING IN
DEPED-CAR REGIONAL OFFICE***

1. The Department of Education – Cordillera Administrative Region Regional Office (DepEd-CAR RO), through the **2024 General Appropriations Act (GAA)** intends to apply the sum of **Thirty Million Four Hundred Ninety Eight Thousand Four Hundred Seventy Three Pesos and 85/100 Only (Php 30,498,473.85)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Repair and Extension of SNC Building in DepEd-CAR Regional Office** with identification number **DepED-CAR RO CB 2024-04-009**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The DepEd-CAR RO now invites bids for the above Procurement Project. Completion of the Works is required **270 calendar days upon receipt of Notice to Proceed**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from **DepED-CAR Regional Office** and inspect the Bidding Documents at the address given below from **8:00am to 5:00pm, Mondays to Fridays except on holidays**.
5. A complete set of Bidding Documents may be acquired by interested bidders starting on **April 3, 2024** from the given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty Five Thousand Pesos Only (Php 25,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.
6. The DepEd-CAR Regional Office will hold a **Pre-Bid Conference on April 11, 2024, 9:00AM at the OARD, DepED-CAR Regional Office, Wangal, La Trinidad, Benguet** which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat/Procurement Unit through manual submission at the **Office of the Assistant Regional Director, on or before April 23, 2024 at 1:30PM**. Late bids shall not be accepted.

RONALD B. CASTILLO, CESO V
BAC Chairperson
Office of the Assistant Regional Director
DepED-CAR Regional Office
Wangal, La Trinidad, Benguet

8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 16**.
9. ***Bid opening shall be on April 23, 2024, 1:31PM at the OARD, DepED-CAR RO, Wangal, La Trinidad, Benguet.*** Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The ***DepED-CAR Regional Office*** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

Atty. Edward C. Magalgalit, Jr./Randolph Flyn B. Daculog
BAC Chair, Secretariat/Procurement Unit
DepED-CAR Regional Office
Wangal, La Trinidad, Benguet
Email address: car.procurement@deped.gov.ph
Tel. No. (074) 422-1318 Cp No. 09178218490/09207930509
depedcar.ph

12. You may visit the following websites:

For downloading of Bid Documents, you may visit the following website:
www.depedcar.ph and www.philgeps.gov.ph.

April 2, 2024


RONALD B. CASTILLO, CESO V
BAC Chairperson

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, *DepEd-CAR Regional Office* invites Bids for the *Repair and Extension of SNC Building in DepEd-CAR Regional Office*, with Project Identification Number *DepEd-CAR RO CB 2024-04-009*.

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

2. Funding Information

2.1. The GOP through the source of funding as indicated below for *2024 GAA* in the amount of *Php 30,498,473.85*.

2.2. The source of funding is:

a. **NGA, the General Appropriations Act.**

3. Bidding Requirements

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

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

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

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

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

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

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.
- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

a. Subcontracting is not allowed.

- 7.1. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address 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:

a. Philippine Pesos.

15. Bid Security

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

15.2. The Bid and bid security shall be valid until **within 60 calendar days from the bid opening**. 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 (labelled as original copy)* of its Bid.

The Procuring Entity requests *two additional copies (labelled as copy 1 and copy 2)* and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

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

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

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

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

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

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

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Notes on the Bid Data Sheet (BDS)

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB Clause				
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <i>New Construction/Repair/Rehabilitation/Extension/Improvement of Building.</i>			
7.1	Subcontracting is strictly not allowed.			
10.1	<i>To be included in the Technical Documents is a Site Inspection Certificate signed by the DepEd-CAR Regional Engineer or their representative. Site Inspection Certificate is to be accompanied by a picture of either the project engineer/owner or any technical employee of the firm with the DepEd-CAR Regional Engineer or their representative with the site as background. Absence of the mentioned document shall be a ground for DISQUALIFICATION of the Bid.</i>			
10.3	In case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project.			
10.4	The key personnel must meet the required minimum years of experience set below:			
	Key Personnel	No. of Key Per.	Job Description	General and Relevant Experience Required
	Site/Construction Supervisor (Project Engineer)	1	Full time from initiation of site mobilization activities up to final acceptance of the works	Duly licensed to practice their respective professions, with at least five (5) years experience and at least 3 projects supervised in their fields of specialization with the same Scope of Work
	Safety Officer	1	Fulltime	Accredited Safety Officer which had a Certificate of Construction Occupational Safety and Health (COSH) Training form the DOLE accredited Training Agencies or Organization with at least 1 Year Experience
	Electrical Engineer	1	As needed in the site	Duly Licensed Electrical Engineer with at least 3 years of experience with the same Scope of Work
	General Foreman	1	Fulltime	with at least 3 years of experience with the Same Scope of Work
	Electrician	1	As needed	3 years of Experience

	Skilled Carpenter	10	Fulltime	3 years of Experience
	Skilled Steelman	6	As needed	3 years of Experience
	Skilled Mason	8	Fulltime	3 years of Experience
	Skilled Tile Setter	8	As needed	3 years of Experience (Finishing)
	Skilled Welder	2	As needed	With NCII Certificate and with at least 2 projects handled with the same scope of work
	Skilled Painter	6	As needed	3 years of Experience (Finishing)
	Master Plumber	1	As needed	Duly Licensed Master Plumber with at least 1 year of experience
	Scaffold Installer	2	As needed	With NCII Certificate and with at least 2 projects handled with the same scope of work
	Laborer/Helpers	10	Fulltime	Of Legal Age, at least 18 years old.
10.5	The minimum major equipment requirements are the following:			
	Equipment	Description/Ca	Number of Unit/lot/set	
	Boom Truck		1 unit	
	Dump Truck /Flat Bed	6-wheeler	1 unit	
	Mixer	One Bagger	2 units	
	Hand and Power Tools	Circular saw bar cutter Tile cutter grinder drill jack hammer etc.	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	
	Excavator	Mini back hoe	1 unit	
	Compactor	Portable	1 unit	
	Welding machine	500 amps	2 units	
	Scaffoldings	GI Pipe sch. 20 (H-Frames & Brackets)	At least 100 sets	
11.1	<i>The second bid envelope/financial component should include a USB/flash drive containing the soft copy of Financial Proposal in excel format. The hard copy of the financial proposal shall be the same with the submitted soft copy. In case of any discrepancies, the hard copy shall prevail.</i>			
12	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.
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <p>a. The amount of not less than <u>609,969.48</u> [two percent (2%) of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p>b. The amount of not less than <u>1,524,923.69</u> [five percent (5%) of ABC] if bid security is in Surety Bond.</p>
19.2	No further instructions
20	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	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.
others	<p>Signature Box</p> <p>A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.</p>

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

1. **Scope of Contract**

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

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

2. **Sectional Completion of Works**

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

3. **Possession of Site**

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

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

4. **The Contractor's Obligations**

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

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

5. Performance Security

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

6. Site Investigation Reports

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

7. Warranty

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

8. Liability of the Contractor

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

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

9. Termination for Other Causes

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

10. Dayworks

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

11. Program of Work

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

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

12. Instructions, Inspections and Audits

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

13. Advance Payment

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

14. Progress Payments

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

15. Operating and Maintenance Manuals

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

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

GCC Clause	
2	The Intended completion date is <i>270 calendar days from the receipt of Notice.</i>
4.1	The procuring entity shall give possession of all parts of the site to the contractor within <i>7 calendar days from receipt of the Notice to Proceed.</i>
6	The site investigation reports are: <i>none</i>
7.2	<i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]</i> Fifteen (15) years.
10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>5 calendar days from delivery of the Notice of Award.</i>
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>1/10 of 1% of the amount of the unimplemented part of the Contract.</i>
13	The amount of the advance/mobilization payment is <i>15% of the Contract amount</i>
14	Materials and equipment delivered on the site but not completely installed shall NOT be included for payment of progress billings. The contractor may submit a request for initial payment after 30% of the work has been accomplished.
15.1	The date by which "as built" drawings are required <i>before the issuance of Certificate of Completion.</i>
15.2	No further instructions
Others	The contractor shall install separate sub meters for water and electricity and shall be responsible for the payment of bills.

Section VI. Specifications

Notes on Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that

ensure a substantially equal or higher quality than the standards and codes specified will be accepted subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.

SUMMARY OF MATERIALS

(TECHNICAL SPECIFICATIONS)

Project : REPAIR AND EXTENSION OFFICE OF SNC BUILDING
 Location : DepED CAR Regional Office, Wangal, La Trinidad, Benguet

WORK ITEM/MATERIAL	TECHNICAL SPECIFICATION
1. EARTHWORKS	
1.04 Gravel Bedding 1.05 Soil Poisoning	Solvent Based, Low odor, environment friendly
2. CONCRETING WORKS	
2.1 Cement	Portland, PNS 7:2005
2.2 Washed Sand	Clean river, sand, free from organic and other deleterious matter.
2.3 Gravel	Maximum size of aggregate shall not be larger than 1/5 of the narrowest dimension between sides of the forms nor larger than 20mm (3/4") of the maximum clear spacing between reinforcing bars, and in no case larger than 38 mm (1-1/2").
3. REBAR WORKS	
3.1 Rebars	Steel Bars, PNS 49:2000, Grade 33 Steel Bars, PNS 49:2000, Grade 40
3.2 Tie Wires	G.I., gauge 16
4. FORMWORKS	
4.1 Form Plywood	1/2" thk., PNS 196:2000
4.2 Form Lumber	Coco Lumber
5. MASONRY WORKS	
5.1 Concrete Hollow Block	6"X8"X16" Load Bearing CHB, 800psi, confirming with ASTM C-90- 70 4"X8"X16" Load Bearing CHB, 800psi, confirming with ASTM C-90- 70
6. DOORS & WINDOWS	

6.1 Doors	
6.1.1 Panel Doors	Hardwood, Kiln Dried (verify approved design) Marine Plywood & Ordinary Plywood (verify approved design)
6.1.2 Sliding Doors	-1/4" thk Reflective Sliding Glass Door with Insect Screen on S900 Aluminum Frame Complete with Accessories and lockset
6.1.3 Glass Door	-3/8" thk Frosted Tempered Glass Door complete with mechanical silent door stopper Hardwood, Kiln Dried with Stainless Steel Grab Bar inside and outside complete with Accessories and Lockset
6.2 Windows & Screens	
6.2.1 Sliding Windows and Awning Windows	1/4" thk Reflective Sliding Glass Window with Insect Screen on S900 Aluminum Frame Complete with Accessories and lockset 1/4" tk Reflectorized Seamless Glass Window
7. STEEL WORKS	
7.1 Structural Steel	
7.1.1 Angle Bars, Flat Bars, Tubular Bars, Round Bars & Channel Bars	PNS 26:199, Standard sizes (as per specified)
7.1.2 G.I. Pipes	Schedule 40
7.1.3 Steel Plate	6mm thk.
7.1.4 I-BEAM	206mm x 204mm I Beam (Tf-12.6mm, Tw-7.9mm)
7.1.5 Steel Deck	1.2mm thk
7.2 Others	
7.2.1 Wood Screws	Flat Head, Black, (submit sample for approval)
7.2.2 Welding Rod	AWS A5.1 E6013
7.2.3 Anchor Bolts	10mmØ and 12mmØ with Nuts & Washer
8. ROOFING WORKS	
8.1 Roofing Bended Accessories (Ridge Roll, Flashings, Gutters)	Pre-painted Bended Accessories
Others	Aluminum type,

8.3.1 Rivets	Steel, For wood & metal, hex head
8.3.2 Tek screw	Clear, Construction Grade, neutral cure,
8.3.3 Roof Sealant	100% silicone
8.3.4 Polycarbonate Roofing	8mm thk; Solid
9. CARPENTRY WORKS	
9.1 Gypsum Board & PVC Panels	
9.1.1 Gypsum Boards	9mm thk. Gypsum Board
9.1.1 Fascia Boards	12"x12'x 1/2" Fiber Cement Board
9.1.1 PVC Panels	.25 x 3.028 m Wood Grained PVC Ceiling Panels
9.1.2 Fluted Panel	200mmx28mmx2.90m Fluted Panel
9.1.3 Laminated Board	3/4" thk 4'x8'
9.1.4 Light Stone Wall Cladding	Mushroom Stone (Submit sample for Approval)
9.1.5 Phenolic Compact Board	3/4" thick
9.1.6 Shower Enclosure	3/8" thick tempered glass
9.1.7 Building and Door Signage	1" thk Stainless Steel
9.1.1 Metal Furrings, Metal Studs & T-runners	.60mm Light Gauge, Galvanized Steel
9.2 Plywood & Wood Items	
9.2.2 Rough Wood	Kiln Dried, Hardwood
9.2.4 Plywood	Kiln Dried, Hardwood
9.2.4.a Marine Plywood	3/4" thk. or 1/2" thk. or 1/4" thk, PNS 196:2000
9.2.4.b Ordinary Plywood	3/4" thk. or 1/2" thk. or 1/4" thk, PNS 196:2000
9.2.4 Wood Preservation	Brown color, solvent based, for fungicidal and insecticidal
10. ELECTRICAL WORKS	

10.1 Wires, Pipes & Boxes	
10.1.1 Electrical Wires	THW and/or THNN, Stranded
10.1.2 PVC Pipes & Fittings	PNS 14:1983, Series 600, PVC Orange Pipes
10.1.3 RSC Pipes & Fittings	Standard trade sizes, hot dipped galvanized with inside enamel or epoxy coating
10.1.4 Junction Box	4 x 4 PVC
10.1.5 Utility Box	4 x 2 PVC
10.2 Fixtures & Accessories	
10.2.1 Lighting Switches (Plate & Element)	"Wide Series" Plain White, 1-Gang, 2-Gang, 3-way switches
10.2.2 Convenience Outlets (Plate & Element)	"Wide Series" Plain White, Duplex, Universal Type
10.2.3 Panel Light, Striplight, & Tracklight	
10.2.3.a LED Light	42w LED Panel Light Surface Type




<p>10.2.7 Panel Box with Circuit Breakers</p>	<p>12W Standard LED Downlight Surface Mounted Daylight 6W LED Downlight, warm white 9W LED Pin Light, Tricolor (daylight, cool white, warm white) Track light daylight 12W, warm white. Adjustable Double Head 2 x 7W LED Downlight, warm white 5W LED Pin Light Warm white 42W LED Panel Light, Daylight 18 W LED Pin Light, Daylight LED panel light (1.2X3m) LED pin light panel style pin light recess type</p> <p>Heavy Duty Panel Board, 1 main 14 branches: (1 main: 2P, 100AT, 100AF, MCCB), for branches: (1 set: 60AT CB, 9 set: 20AT CB, 4 set: 15AT CB) 4 Branches Panel Board, recessed type with 30AT MCCB Main Circuit Breaker, 2 sets - 20AT MCCB, 1 set - 15AT MCCB NEMA 3R Enclosure, Grounding bus bar and Appropriate Terminal Lugs. For PANEL BOARD - Ground Floor. Please see panel board details. 4 Branches Panel Board, recessed type with 30AT MCCB Main Circuit Breaker, 2 sets - 20AT MCCB, 1 set - 15AT MCCB NEMA 3R Enclosure, Grounding bus bar and Appropriate Terminal Lugs. For PANEL BOARD - 2nd Floor. Please see panel board details. 6 Branches Panel Board, recessed type with 50AT MCCB Main Circuit Breaker, 4 sets - 20AT MCCB, 1 set - 15AT MCCB NEMA 3R Enclosure, Grounding bus bar and Appropriate Terminal Lugs. For PANEL BOARD - 3rd Floor. Please see panel board details.</p>
<p>10.2.8 Exhaust</p>	<p>Ceiling Mounted Duct Exhaust Fan 12 inches, 38W with 304 Stainless Steel Exhaust Hood Ventilation Vent Exhaust Cap Range Pipe External Air Outlet Exhaust Cover and with Aluminum Flexible Duct Hose Vent for Ventilation and Exhaust</p>
<p>10.2.9 Aircon</p>	<p>3 hp airconditioning unit split type</p>
<p>10.2.10 Wall Fan</p>	<p>Integrated Solar Streetlight Weatherproof 150 watts light output, 250 watts Solar Panel Output with motion sensor and prefabricated mounting bracket accessories with pedestal (Note: No post)</p>
<p>10.2.11 Solar Light</p>	

<p>10.2.12 Emergency Light</p>	<p>LED Emergency Light Twin Head Color White Daylight; Emergency Power: 6 Watts (2 x 3 Watts); Luminous Flux: 540 - 600 lm (2 x 270 - 300 lm); Color Temperature: 5,500 - 6,500 K / Daylight; Light Source: High Brightness SMD LED Chips; Dimension: 300 mm x 140 mm x 92 mm; Net Weight: 700 g; Body Material: Injection-Molded Thermoplastic, ABS housing; Body Color: White; Battery: Ni-Cd Battery; Battery Specification: 3.6 V 800 mAh; Battery Protection: Over-Charge and Over-Discharge Protection; Battery Life: Up to 120 minutes; Test Button: Built-In Test Button ; Input Voltage: AC 220 V - 265 V; Frequency Range: 50 / 60 Hz; Mounting: Wall Mounted; IP Rating: IP 30, Indoor</p>
<p>10.2.13 LED Exit Signage</p>	<p>LED Exit Light Glass Exit Word Single Face; Design Label: Exit Sign; Label: Single Face; Wattage: 3 Watts; Material: Aluminum Housing+ Glass Panel; Input Voltage: AC 220V – 265V 50/60 Hz; Battery Type: ni-cd battery; Battery Protection: Over-Charge and Over-discharge Protection; Light Source: High Brightness LED SMD; IP Rating: IP 40</p>
<p>10.2.14 Solar Panel</p>	<p>550W Monocrystalline Solar PV Panels 5kw Hybrid Inverter (Parallel) Dual Power transfer switch with Enlosure (ATS for Solar) LiFePO4 Battery 200Ah 48V Battery Rack</p>

11. PLUMBING WORKS	
<u>11.1 Pipes & Fittings</u>	
11.1.1 Pipes	PN20 PPR Pipes
11.1.2 Fittings	PN20 PPR
<u>11.2 Fixtures & Accessories</u>	
11.2.1 Water Closet	Floor mounted integrated smart toilet Seats automatic flushing deodorizing WC multifunction
11.2.2 Lavatory	400mm Ceramic Round Vessel Wash Basin Complete with Accessories
11.2.3 Paper, Soap Holder, Grab Rail and Towel Ring Holder	Stainless Steel Finish
11.2.4 Floor Drains	4" Stainless Steel Finish with Strainer
11.2.5 Bidet Faucet	Chrome Plated, with rotating Head, complete with accessories.
11.2.6 Shower Set	Rain Shower Waterfall Rain with Wall Mounted Rainfall Shower Head System Brushed Nickel Finish combo with Shower Heater
11.2.7 Faucet	DC/AC Type Sensor Faucet complete with fittings 304 S.S kitchen faucet hidden pullout universal retractable splash
11.2.8 Gate Valves	1/2"Ø and/or 3/4"Ø, Brass Type

11.2.8 Three-way Angle Valves	½" x ½" x ½", Chrome Plated
11.2.9 Mirror	¼" thk., Frameless
12. SANITARY WORKS	
12.1 Pipes & Fittings	
12.1.1 Pvc Pipes	Series 1000, UPVc Orange Pipes
12.1.2 Fittings	Series 1000, UPVc Orange Pipes Sewer Line – shall be polyvinyl chloride soil pipe (PVCSP) and fittings, for all horizontal runs and soil stacks and collectors conforming to ASTM D2729. Fittings shall be solvent cement joined conforming to ASTM D2564. C. Vent Pipes, Downspouts and Storm Drains – shall be polyvinyl chloride (PVC) pipe and fittings conforming to ASTM D2729. Fittings shall be solvent cement joined conforming to ASTM D2564.
13. PAINTING WORKS	
13.1 Paints & Varnish	
13.1.7 Latex Paint	Flat (White) & Semi-Gloss Type (verify approved Color Scheme)
13.1.8 Acri-Color	Colors will be based on the approved Color Scheme
13.1.9 Masonry Putty	Water based, for Latex Paints
13.1.10 Quick Dry Enamel Paint	Colors will be based on the approved Color Scheme
13.1.11 Primer Paint	Zinc Phosphate or Zinc Chromate
13.1.12 Glazing Putty	Alkyd type, for Enamel Paints
13.2 Thinners & Fillers	
13.2.1 Thinners	Paint & Lacquer Type
13.2.2 Body Filler	Epoxy Type, with Hardener
13.2.4 Neutralizer	For concrete, liquid acidic substance
14. TILE WORKS	
14.1 Tiles	
14.1.1 Floor Tiles	19mm thk. Granite Slab (verify color and design) 60cm x 60cm Polished Granite Tiles (verify color & design) 60cm x 60cm Non-Skid Granite Tiles (verify color & design) 30cm x 60cm Non-skid with Groove tiles (verify color & design) 30cm x 60cm Non-skid tiles (verify color & design)
14.1.2 Wall Tiles	60cm x 120cm Polished Granite Tiles (verify color & design)
14.1.3 Stone Plastic Composite (SPC)	122cm x 18cm x 5.5 mm

	<p>Dimensions: 140x104x45mm (LxWxH)</p>
<p>15.3 Horn Strobe (24V DC)</p>	<p>Color:Red Operating Voltage: 18V-28V DC Operating Current:10-60Ma Alarm SPL:≥100Db Flash Period:≤1.0S Temperature:-10°C~50°C</p>
<p>15.4 Smoke Sense Detector</p>	<p>Addressable smoke detector Usage:Detect Smoke Type:2 Wires/addressable smoke detector Material:ABS Plastic Color:White Operating voltage: Loop 24V(18V-24V) Standby Current:≤0.3mA Alarm Current:≤1.5mA(without Remoted Indicator)≤3.5mA(with Remoted Indicator) Fire LED:Red, Flash in polling, and illuminate in alarming</p>
<p>15.5 Smoke and Heat Detector</p>	<p>addressable smoke and heat detector Type:2 Wires Color:White Color work Current:≤2.5mA Operating voltage:DC18-28V Smoke Sensitivity:0.2-0.3dB/m Rate of Rise Alarm:7.1°C/5S A2R Material:ABS Fix Temperature Rating:57°C A2R</p>
<p>15.6 Back-up Battery 12VDC/10AH lead Acid</p>	<p>12VDC 10AH Lead Acid Battery</p>
<p>15.7 Loop and Sounder Cable- Twisted TF Wire #16(150m/Roll)</p>	<p>PVC Insulated 0.5 0.75 11.5 2.5mm RVS twisted pair wire cable Rated voltage:300/300V Product certification: CCC, CE, ROHS, etc Core:2 Core twisted pair wire cable Working temperature:Not exceed 70 °C Jacket:PVC Jacket</p>
<p>15.8 Isolator Module</p>	<p>Operating Voltage:9-28VDC Volt EOL Resistance: None Temperature Range: 0 Deg C to 49 Deg C Provide a dry-contact output for activating a variety of auxiliary devices</p>

16. WATERPROOFING				
16.1 Cladding 16.1.1G.I Cladding		0.50mm Mini Rib G.I Wall Cladding		
16.2 Cladding 16.2.1 Membrane Water Proofing		Cold process, Water-based, Polymerized Seamless Rubberized Membrane Type		
16.3 Audio System (Pipe In)		Amplifier 70v System (Rack Mount) Speaker 70V Ceiling Mount Paging Microphone		
16.4 MULTIMEDIA-LED WALL		Indoor Electronic Video Wall (2.88m x 5.76m) with 2 Video Processors, Receiving Cards, Wired Network link, 20KVA Servo AVR, equipment installation & commissioning, electrical supply installation, set up and training spare parts.		
PART 1: LED WALL Specification				
1. Module Specs				
Model	Size	Pixel Pitch	Configuration	Resolution (physical)
P3	192×192mm	3mm	1R1G1B	64×64dots
2. Panel Specs : Die-case Aluminum Cabinet				
Size	Net Weight (kg)	Avg.Power consumption(W/m ²)	Max.Power consumption(W/m ²)	Resolution (physical)
576x576mm	8.00	800W/sqm	1800W/sqm	192x192dots
				

3. Screen Specification			
NO.	/	Specifications	Parameters
1		Led encapsulation	SMD2121

2	LED Display	Screen dimension (Reality)	5760W x 2880Hmm
3		Screen resolution(Reality)	1920W x 960H=1,843,200dots
4		Number of cabinet	10W x 5H = 50 pcs
5		Weight	25KG/m ²
6		Brightness	≥800cd/sqm
7		Recommended view distance	3 - 42m
8		Driving method	1/ 64 scan
9		Grey scale	16bits
10		IP Level	IP30
11		Life time	≥100,000 Hours
12		Refresh frequency	≥3840Hz
13		Module surface	with mask
14		Maintenance	Back maintenance
13		Electrical Parameter	Power consumption
14	Operating Environment		Temperature: -10°C~60°C; Humidity: 10%~90%
15	Video input(w/video processor)		DVI, HDMI, PAL/NTSC/SECAM;S-Video;VGA;Composite etc.
16	Interface		Standard Ethernet
17	Input voltage (AC)		220~240V/AC(±10%) or 110V /AC
18	Transmission distance		Synchronous system: Basic internet cable <100m, Asynchronous System: <300m, (Fiber Optional)
19		Input power frequency	50/ 60Hz

PART 2: FRAME AND FOUNDATION

G.I. Square Tube made Ground and Vertical support for 2m x 5m and 3m x 6m set-up

Section VII. Drawings



1
A0 SCALE: NTS
PERSPECTIVE



2
A0 SCALE: NTS
SITE DEVELOPMENT PLAN

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA II (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER II</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING	
					LOCATION: DepED REGIONAL OFFICE CAR	

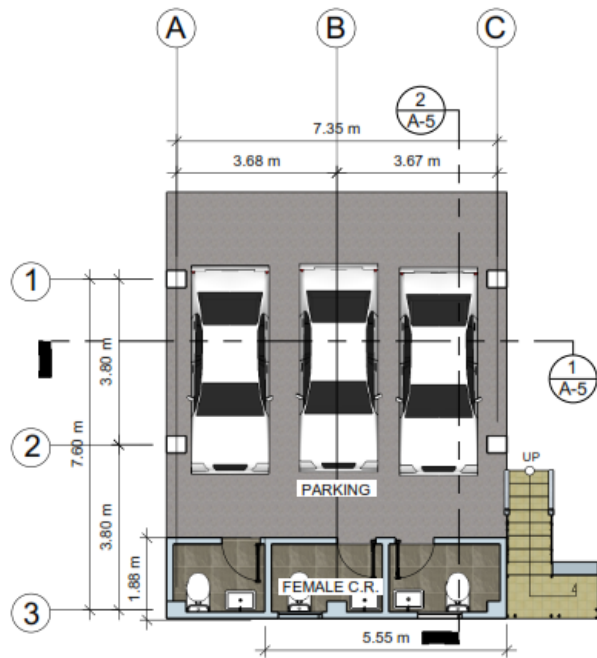


1
A0 SCALE: PERSPECTIVE NTS

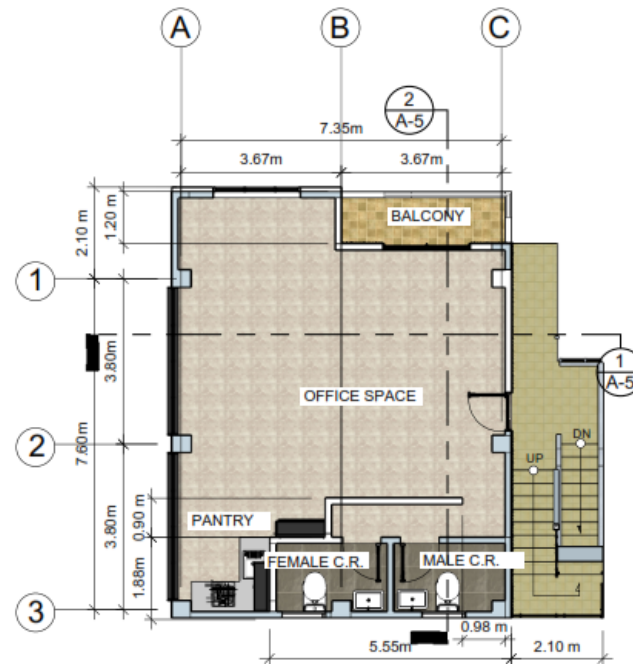


2
A0 SCALE: SITE DEVELOPMENT PLAN NTS

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA III (ARCHITECT III)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepEd REGIONAL OFFICE CAR</small>	A 0

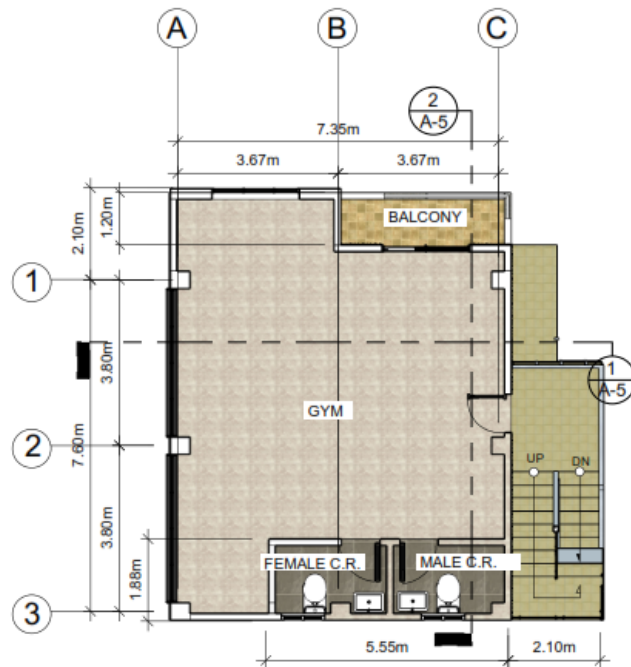


1 GROUND FLOOR PLAN
 SCALE: 1:100M

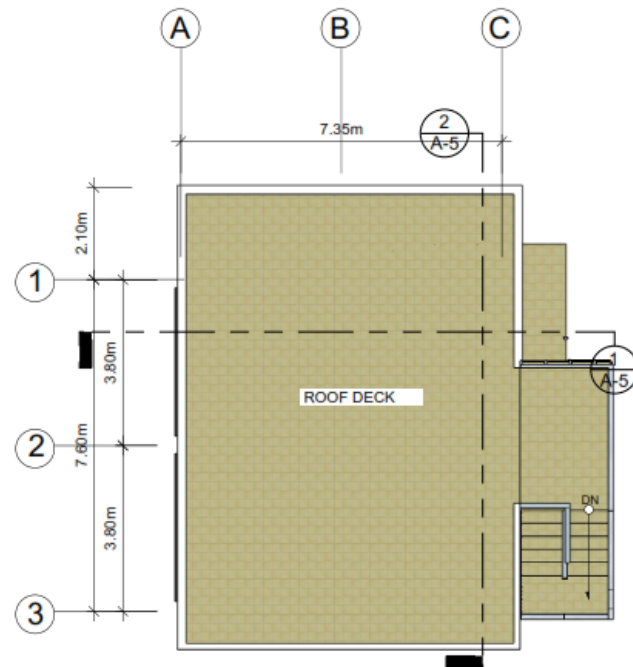


2 SECOND FLOOR PLAN
 SCALE: 1:100M


	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO. <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-bottom: 5px;">A</div> <div style="font-size: 24px; font-weight: bold;">1</div> </div>
	KRISTON LEE FUCHIGAMI <small>TA II (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	

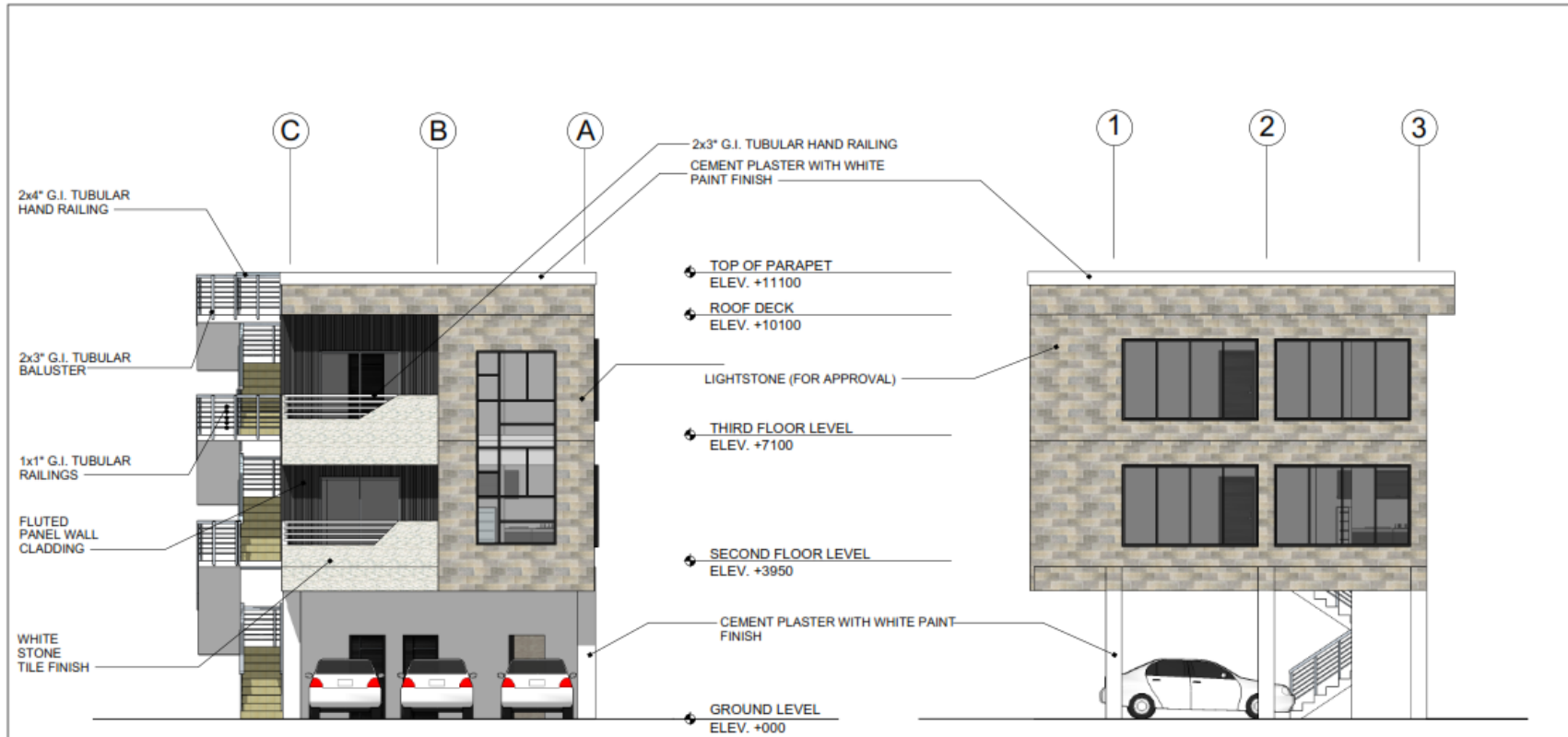


1 THIRD FLOOR PLAN
SCALE: 1:100M



2 ROOF DECK PLAN
SCALE: 1:100M

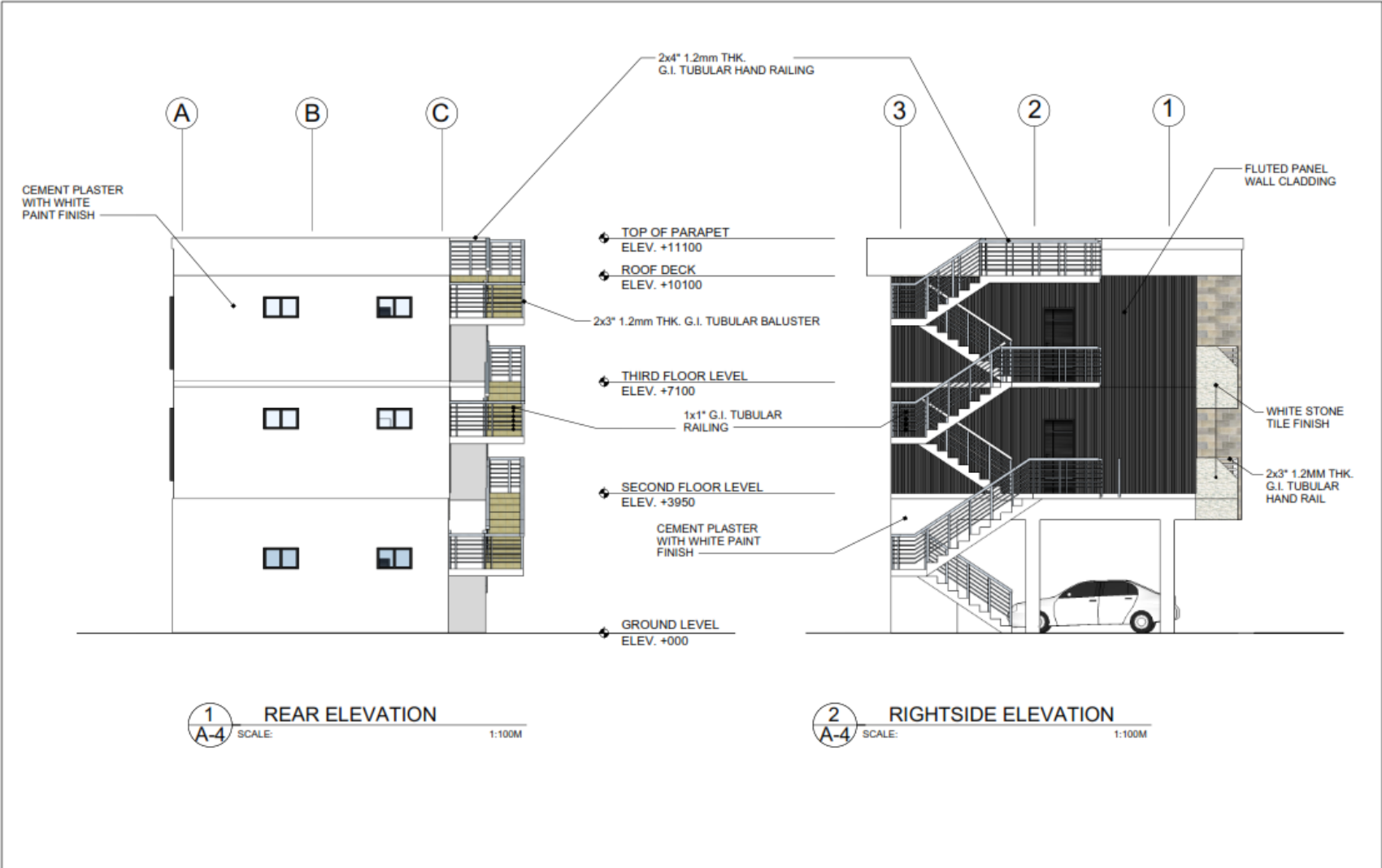
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	<u>KRISTON LEE FUCHIGAMI</u> TA II (ARCHITECT II)	<u>CHRISTOPHER HADSAN</u> ENGINEER II	<u>GEORGINA C. DUCAYSO</u> CHIEF EDUCATION SUPERVISOR	<u>ESTELA P. LEON-CARIÑO EdD, CESO III</u> DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-bottom: 5px;">A</div> <div style="font-size: 24px; font-weight: bold;">2</div> </div>



1 FRONT ELEVATION
 SCALE: 1:100M

2 RIGHTSIDE ELEVATION
 SCALE: 1:100M

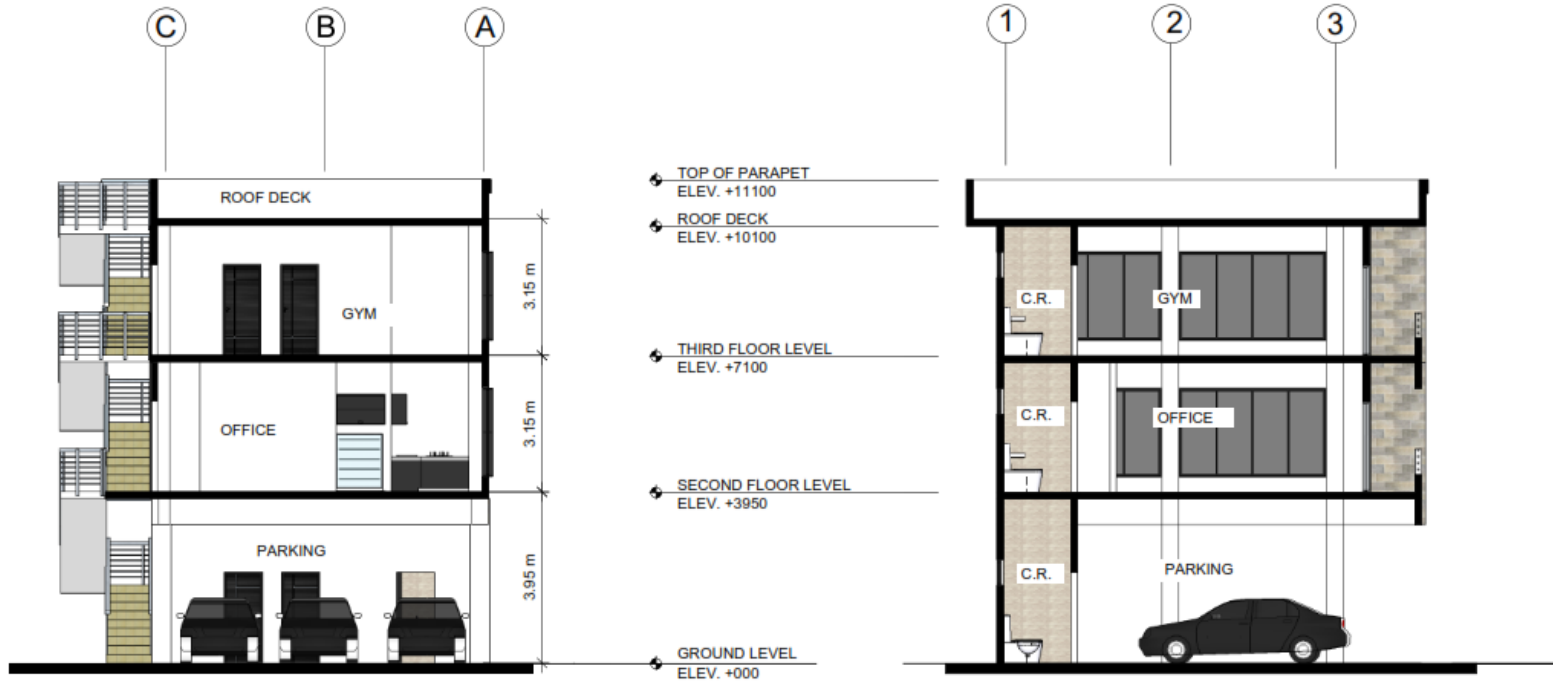
	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA III (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> A </div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 3 </div> </div>



1 REAR ELEVATION
A-4 SCALE: 1:100M

2 RIGHTSIDE ELEVATION
A-4 SCALE: 1:100M

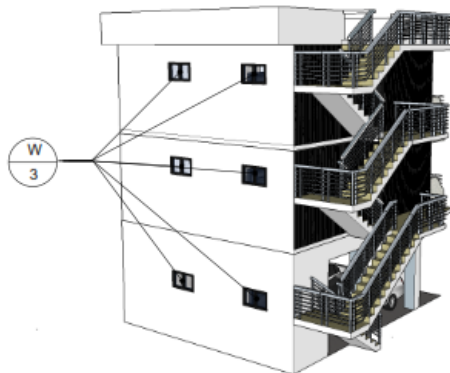
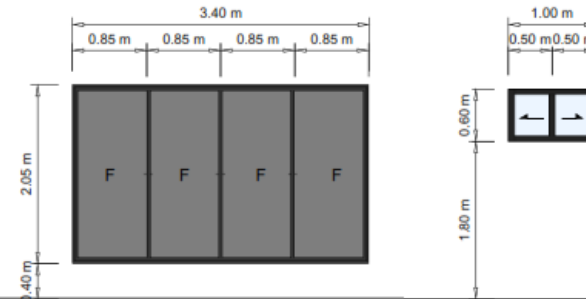
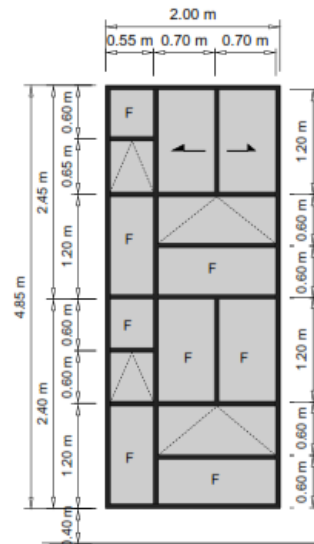
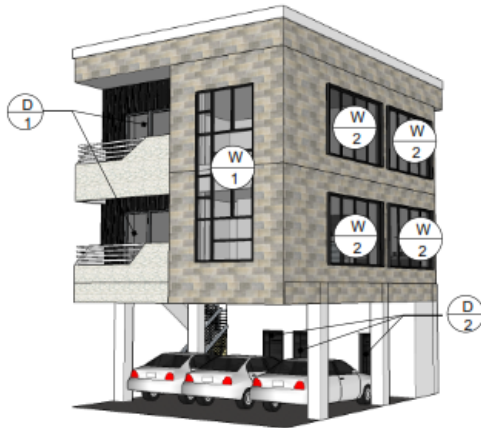
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	KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER II	GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border-bottom: 1px solid black; width: 100%; text-align: center;">A</div> <div style="width: 100%; text-align: center;">4</div> </div>



1 CROSS SECTION
 A-5 SCALE: 1:100M

2 LONGITUDINAL SECTION
 A-5 SCALE: 1:100M

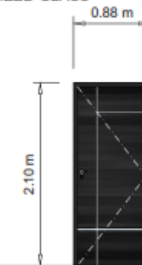
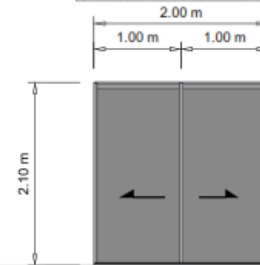
	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA III (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER II</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	A 5



SETS REQUIRED: 1
 LOCATION: FRONT ELEVATION
 FLOOR: 2ND-3RD FLOOR
 SERIES900 ANALOC FRAME WITH 1/4"
 THK. REFLECTORIZED GLASS

SETS REQUIRED: 4
 LOCATION: RIGHT SIDE ELEVATION
 FLOOR: 2ND-3RD FLOOR
 SERIES900 ANALOC FRAME WITH 1/4"
 THK. REFLECTORIZED GLASS

SETS REQUIRED: 7
 LOCATION: C.R.
 FLOOR: 1ST-3RD FLOOR
 SERIES900 ANALOC FRAME WITH 1/4"
 THK. REFLECTORIZED GLASS



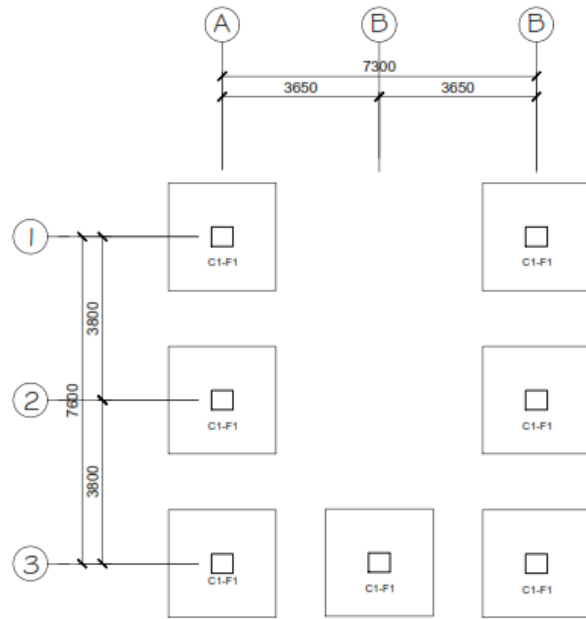
1 DOORS AND WINDOW SCHEDULE
 SCALE: 1:100M

SETS REQUIRED: 2
 LOCATION: FRONT ELEVATION
 FLOOR: 2ND-3RD FLOOR
 SERIES900 ANALOC FRAME WITH 1/4"
 THK. REFLECTORIZED GLASS

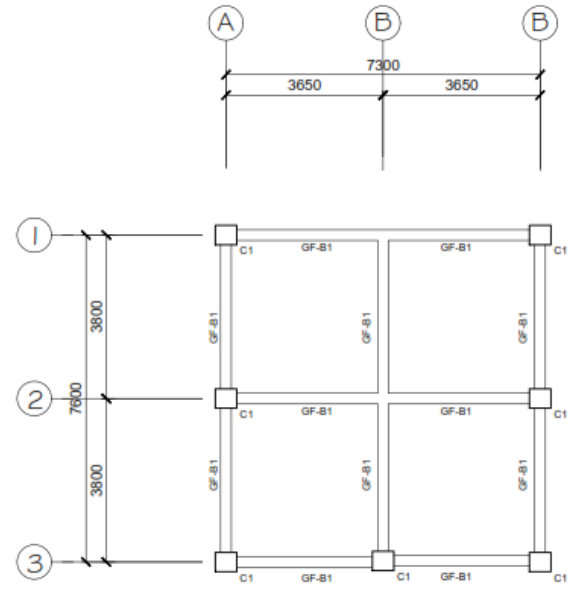
SETS REQUIRED: 9
 LOCATION: OFFICE, C.R.
 FLOOR: 1ST-3RD FLOOR
 PANEL DOOR



PREPARED BY: KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)	CHECKED BY: CHRISTOPHER HADSAN ENGINEER II	CHECKED BY: GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	APPROVED BY: ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROJECT TITLE PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	SHEET NO. A 6
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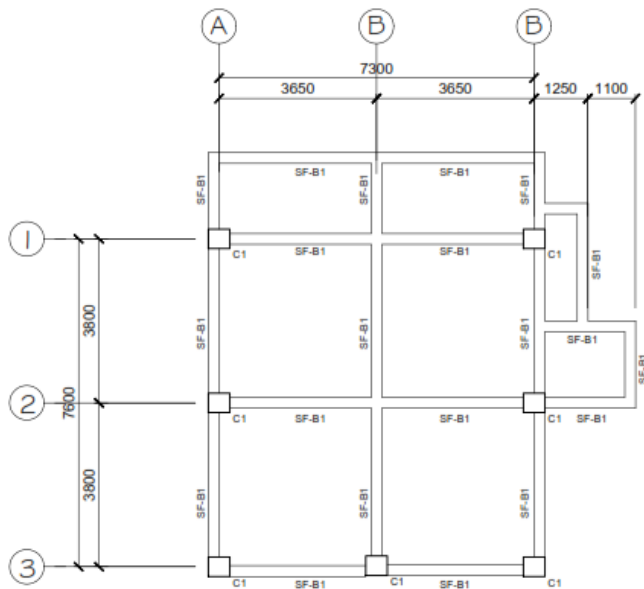


1
S 1 FOUNDATION PLAN
SCALE 1:100m

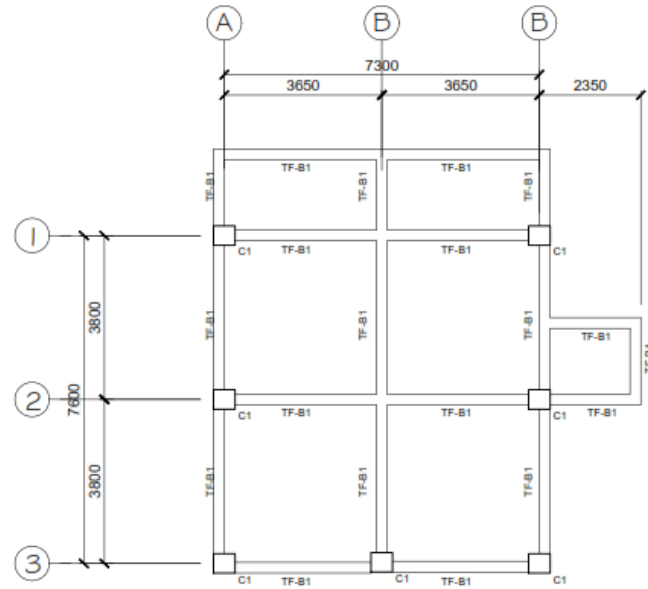


2
S 1 GROUND FLOOR FRAMING PLAN
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. 
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepEd REGIONAL OFFICE	

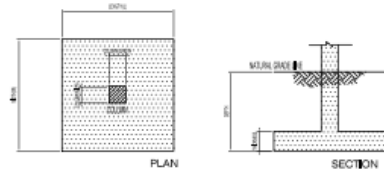


1 SECOND FLOOR FRAMING PLAN
S 2 SCALE 1:100m



2 TYPICAL 3RD-DECK FRAMING PLAN
S 1 SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARINO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	



FOOTING SCHEDULE					
DESIGN	COLUMN DIMENSIONS (mm)		REINFORCEMENTS		
	L	W	BAR SIZE	NO. OF PCS	LOCATION
F1	1000	1000	1000	1000	FOOTING

MINIMUM DEPTH OF FOOTING SHALL BE FROM GRADE TO 1000mm UNLESS NOTED AT 120 METERS

1
S3 **FOOTING SCHEDULE**
SCALE NTS

SLAB	LENGTH	WIDTH	DEPTH	REINFORCEMENTS	REMARKS
SOG	VARIES	VARIES	120mm	D10 temp. bars spaced at 300mm OC, BW	SLAB ON GRADE
Suspended	VARIES	VARIES	100mm	D12 temp. bars spaced at 150mm OC, BW	

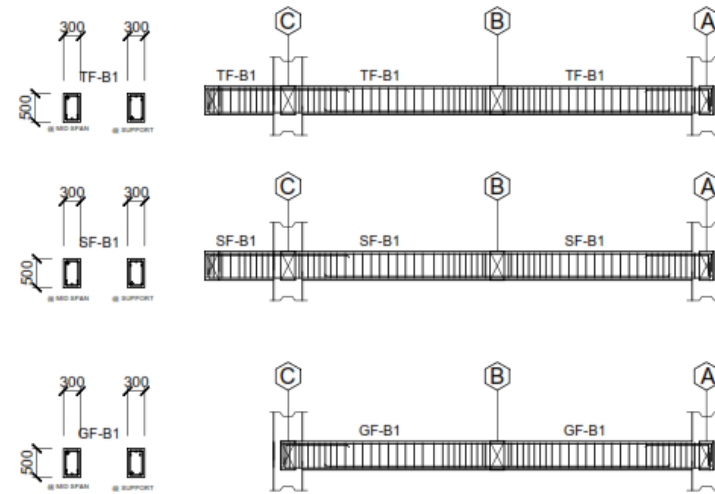
2
S3 **SLAB SCHEDULE**
SCALE NTS

COLUMN SCHEDULE					
DESIGNATION	COLUMN DIMENSIONS (mm)		REINFORCEMENTS		
	L	W	BAR SIZE	NO. OF PCS	LOCATION
C1	500	500	25 mm	12+25mm	FOUNDATION TO ROOF BEAM

LATERAL TIES SPACING:
12mm dia spaced at: 4-pcs @ 50mm, 4-pcs @ 100mm rest at 150mm on center

BEAM	BEAM DIMENSIONS (mm)			LEFT SUPPORT		MIDSPAN		RIGHT SUPPORT		STIRRUPS
	Width	Depth	BAR DIAMETER	TS	BS	TS	BS	TS	BS	
GROUND FLOOR FRAMING GF-B1	300	300	25 mm	5	3	3	5	5	3	A
SECOND FLOOR FRAMING SF-B1	300	300	25 mm	5	3	3	5	5	3	A
THIRD FLOOR FRAMING TF-B1	300	300	25 mm	5	3	3	5	5	3	A
ROOF DECK FRAMING RF-B1	300	300	25 mm	5	3	3	5	5	3	A

TYPE A 10mm Ø Reinforcements: 2 @ 50mm, 4 @ 100mm, 6 @ 150mm, rest @ 200mm to midspan



3
S3 **COLUMN & BEAM SCHEDULE**
SCALE NTS



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA III (ARCHITECT III)

CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER III

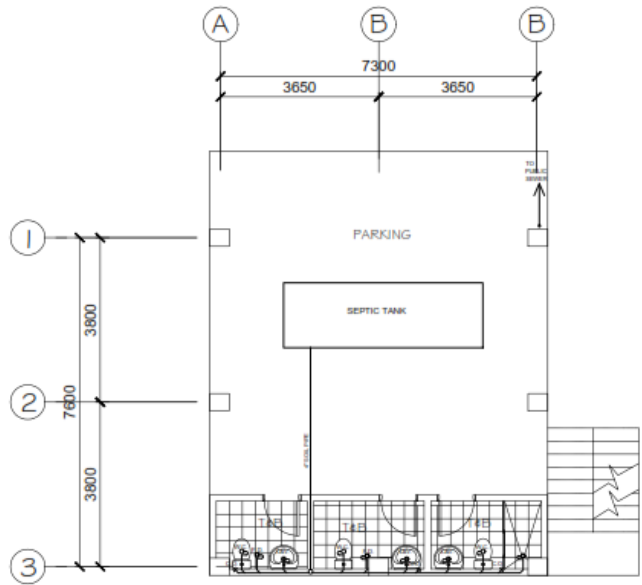
CHECKED BY:
GEORGINA C. DUCAYSO
ESSO CHIEF

APPROVED BY:
ESTELA P. LEON - CARIÑO, EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

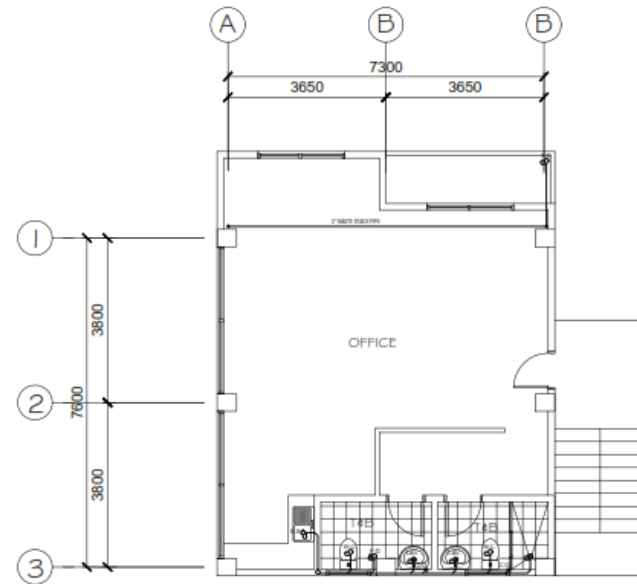
PROJECT TITLE:
**PROPOSED EXTENSION OFFICE
AND REPAIR OF SNC BUILDING**

LOCATION: DEPED REGIONAL OFFICE

SHEET NO.
S-3

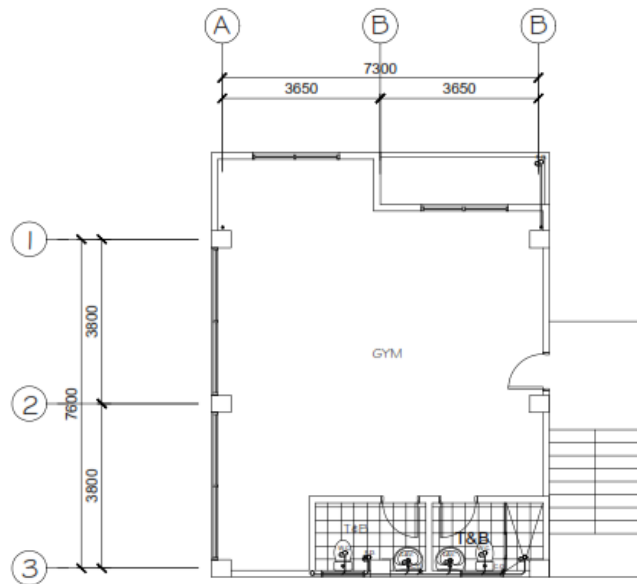


1
P-1
SCALE 1:100m

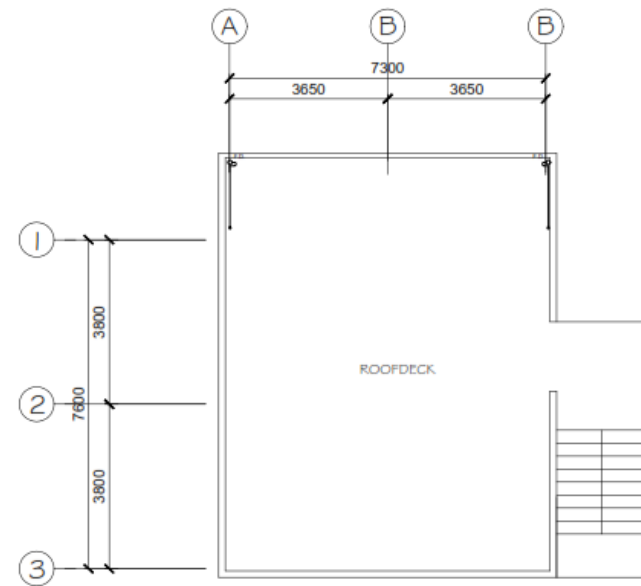


2
P-1
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING	
					LOCATION: DEPED REGIONAL OFFICE	

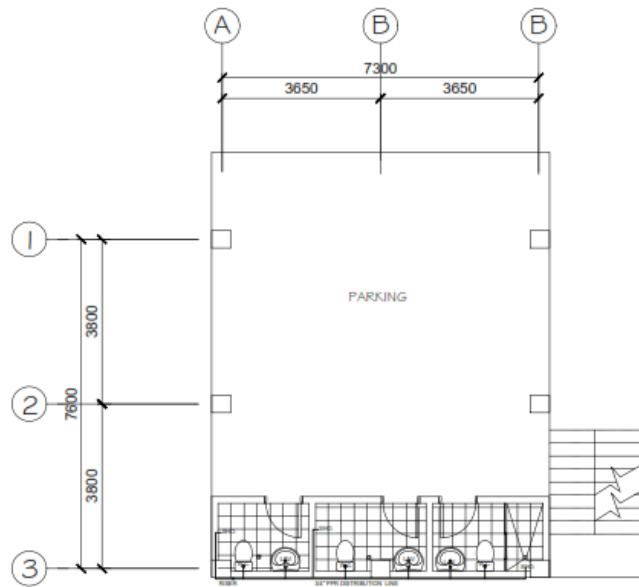


1
P2
SCALE 1:100m
THIRD FLOOR SEWER LINE

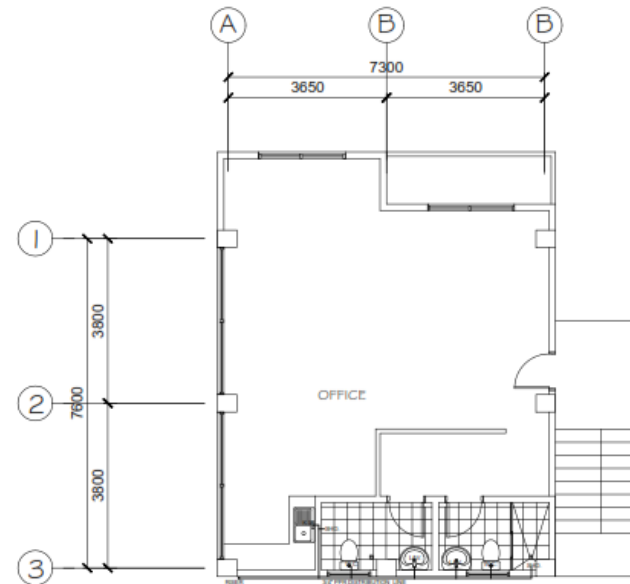


2
P2
SCALE 1:100m
ROOF DECK SEWER LINE

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT III)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSO CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	



1
P-3 GROUND FLOOR WATER LINE
SCALE 1:100m



1
P-3 SECOND FLOOR WATER LINE
SCALE 1:100m



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA III (ARCHITECT II)

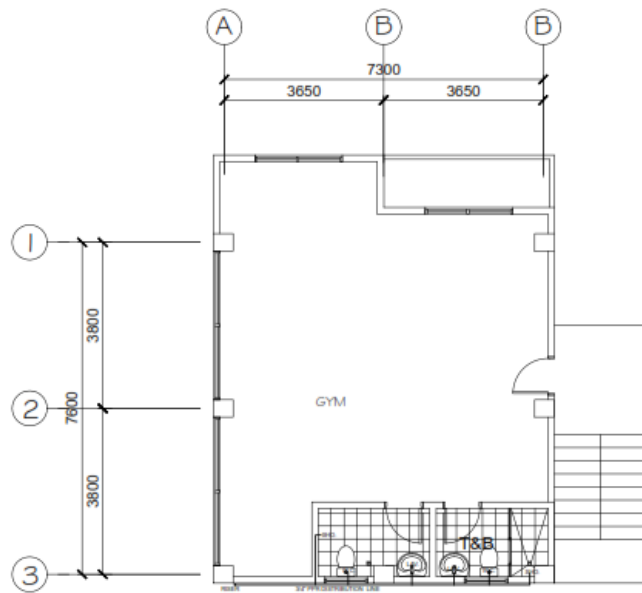
CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER III

CHECKED BY:
GEORGINA C. DUCAYSO
ESSD CHIEF

APPROVED BY:
ESTELA P. LEON - CARIÑO, EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

PROJECT TITLE:
PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING
LOCATION: DEPED REGIONAL OFFICE

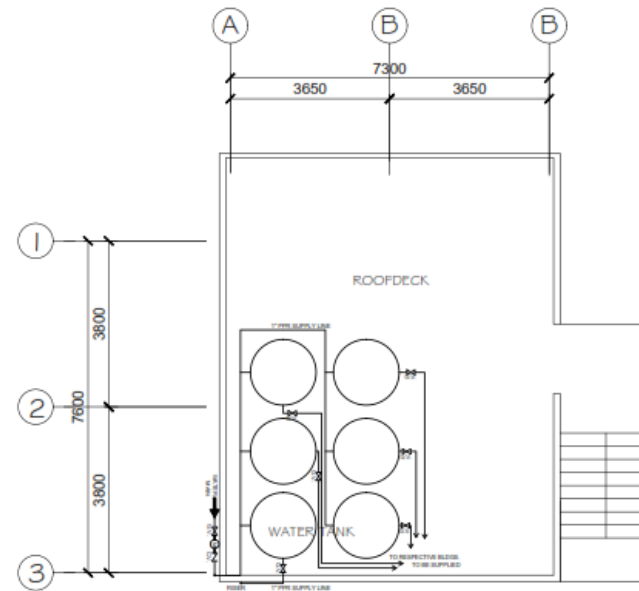
SHEET NO.
P-3



1
P 4

THIRD FLOOR WATER LINE

SCALE 1:100m



1
P 4

GROUND FLOOR SEWER LINE

SCALE 1:100m



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA III (ARCHITECT II)

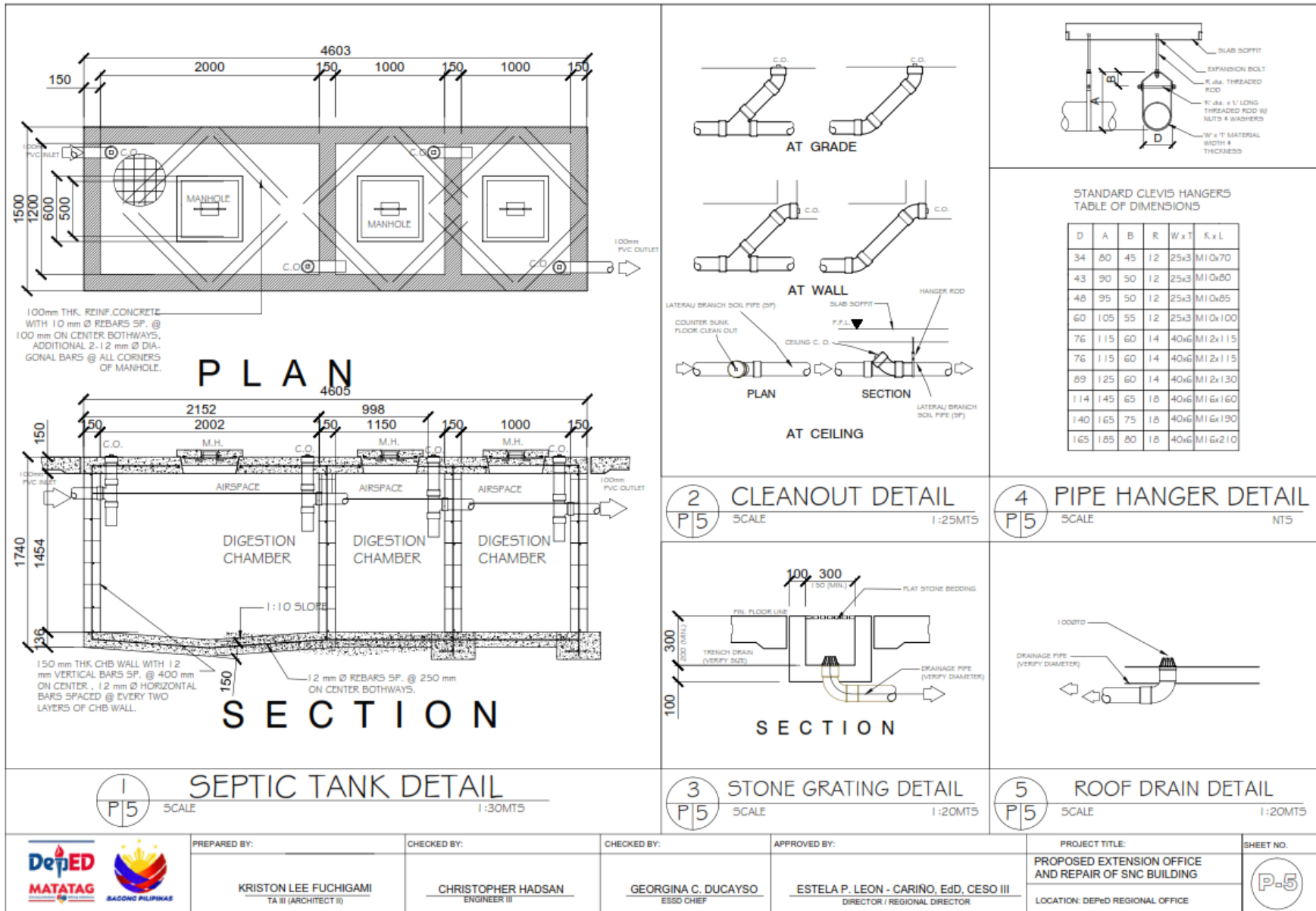
CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER III

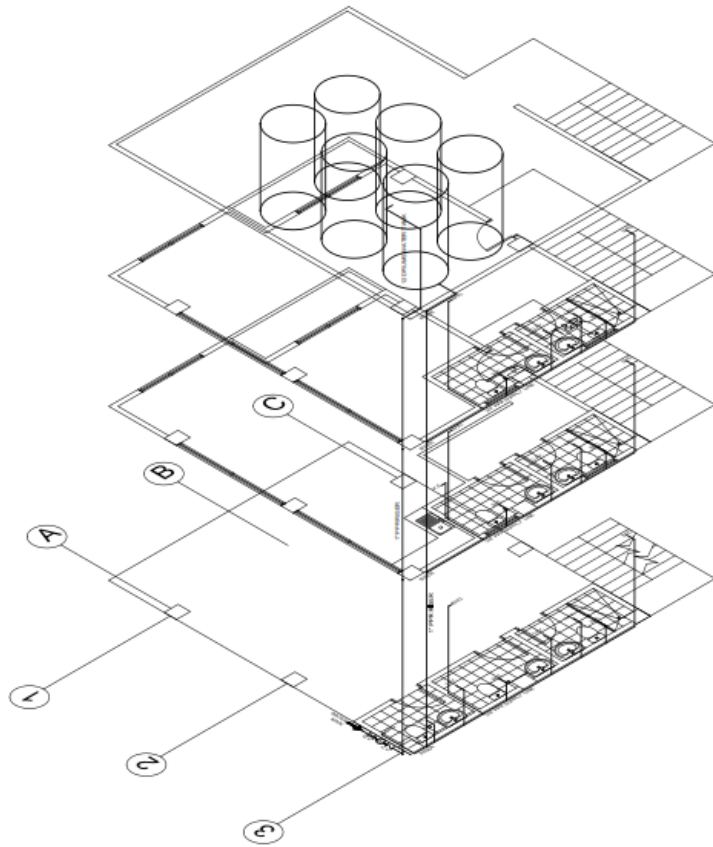
CHECKED BY:
GEORGINA C. DUCAYSO
ESSD CHIEF

APPROVED BY:
ESTELA P. LEON - CARIÑO, EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

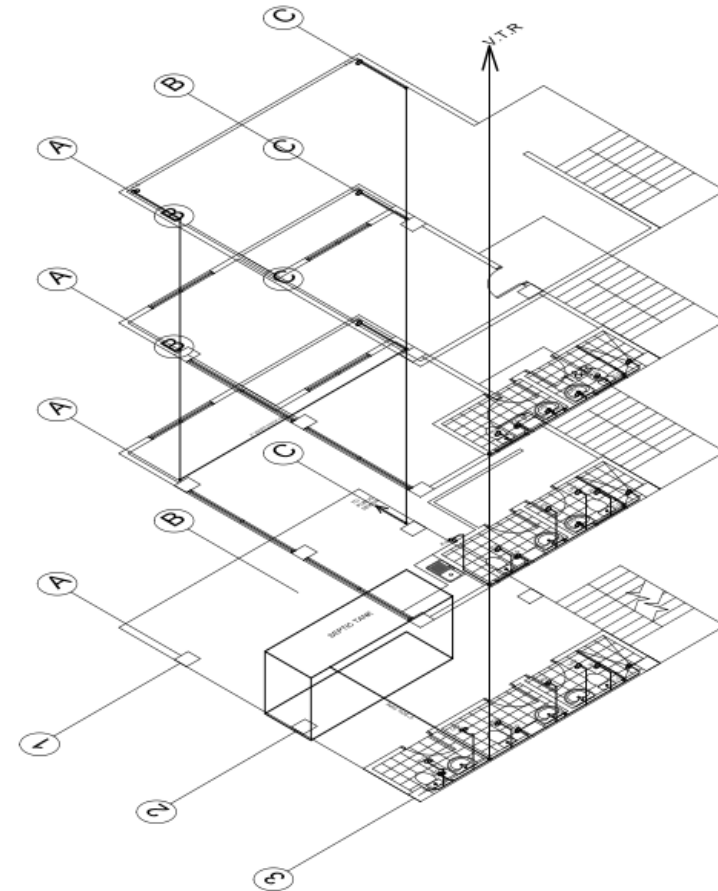
PROJECT TITLE:
PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING
LOCATION: DEPED REGIONAL OFFICE

SHEET NO.
P-4






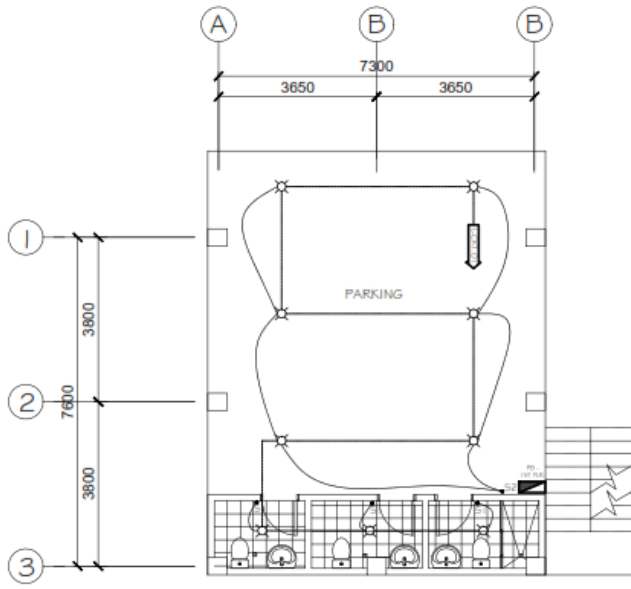


1
P 6
THIRD FLOOR SEWER LINE
SCALE 1:100m

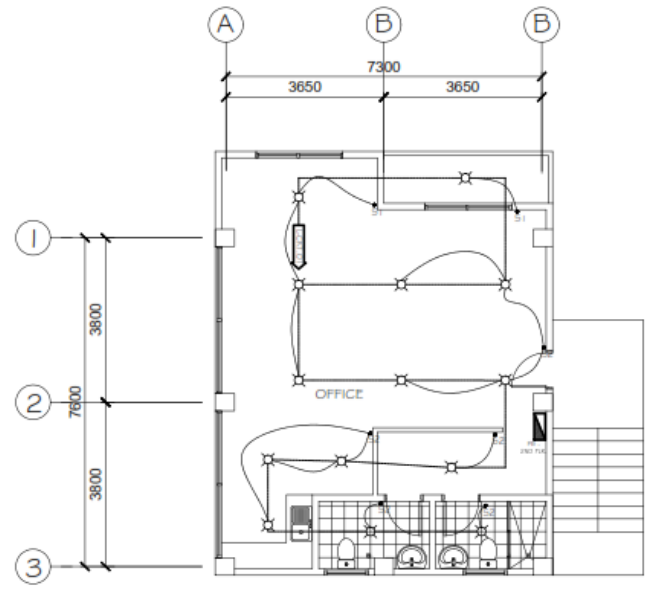


2
P 6
ROOF DECK SEWER LINE
SCALE 1:100m

 	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. 
	KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSO CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE	



1
E 1 **GROUND FLOOR LIGHTING LAYOUT**
SCALE 1:100m



2
E 1 **SECOND FLOOR LIGHTING LAYOUT**
SCALE 1:100m



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA III (ARCHITECT III)

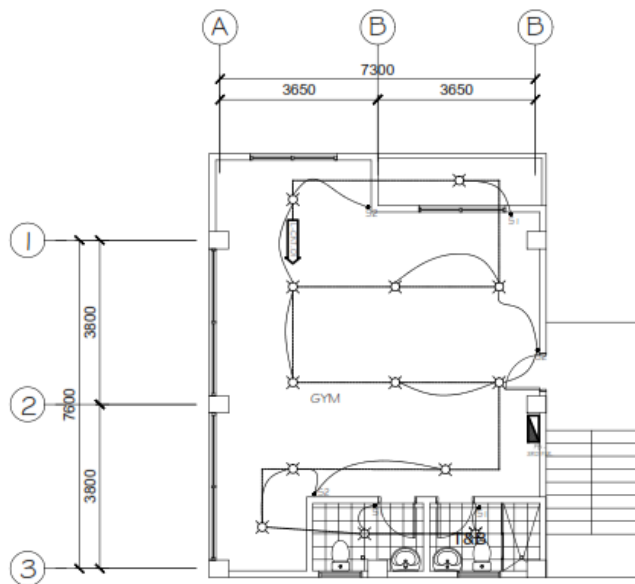
CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER III

CHECKED BY:
GEORGINA C. DUCAYSO
ESSO CHIEF

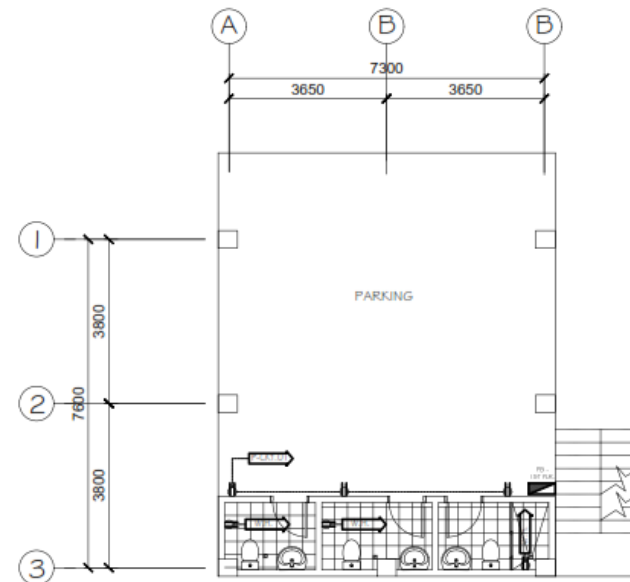
APPROVED BY:
ESTELA P. LEON - CARIÑO, EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

PROJECT TITLE:
PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING
LOCATION: DEPED REGIONAL OFFICE

SHEET NO.
E-1

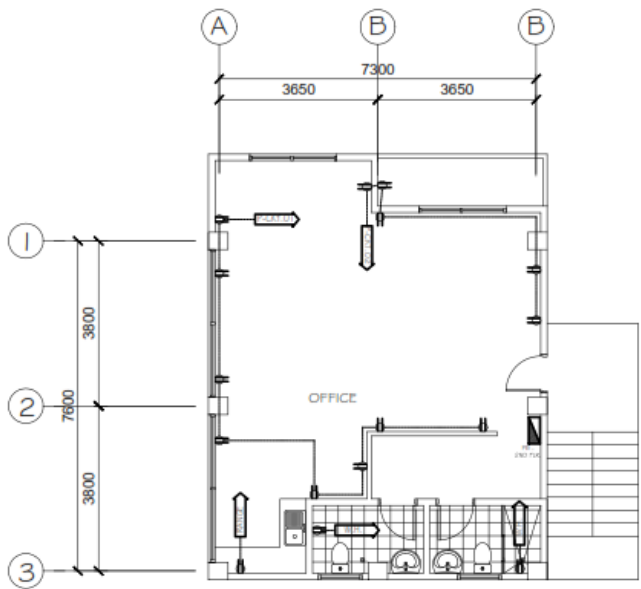


1
E 2 **THIRD FLOOR LIGHTING LAYOUT**
SCALE 1:100m

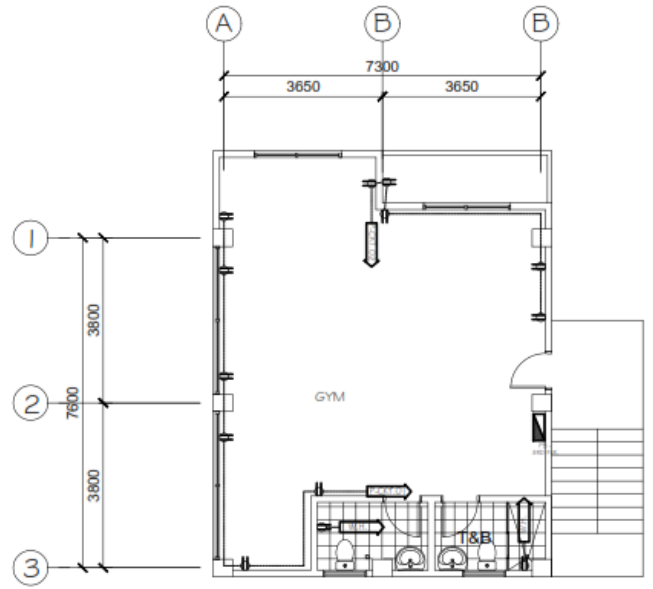


2
E 2 **GROUND POWER LAYOUT**
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. E-2
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	

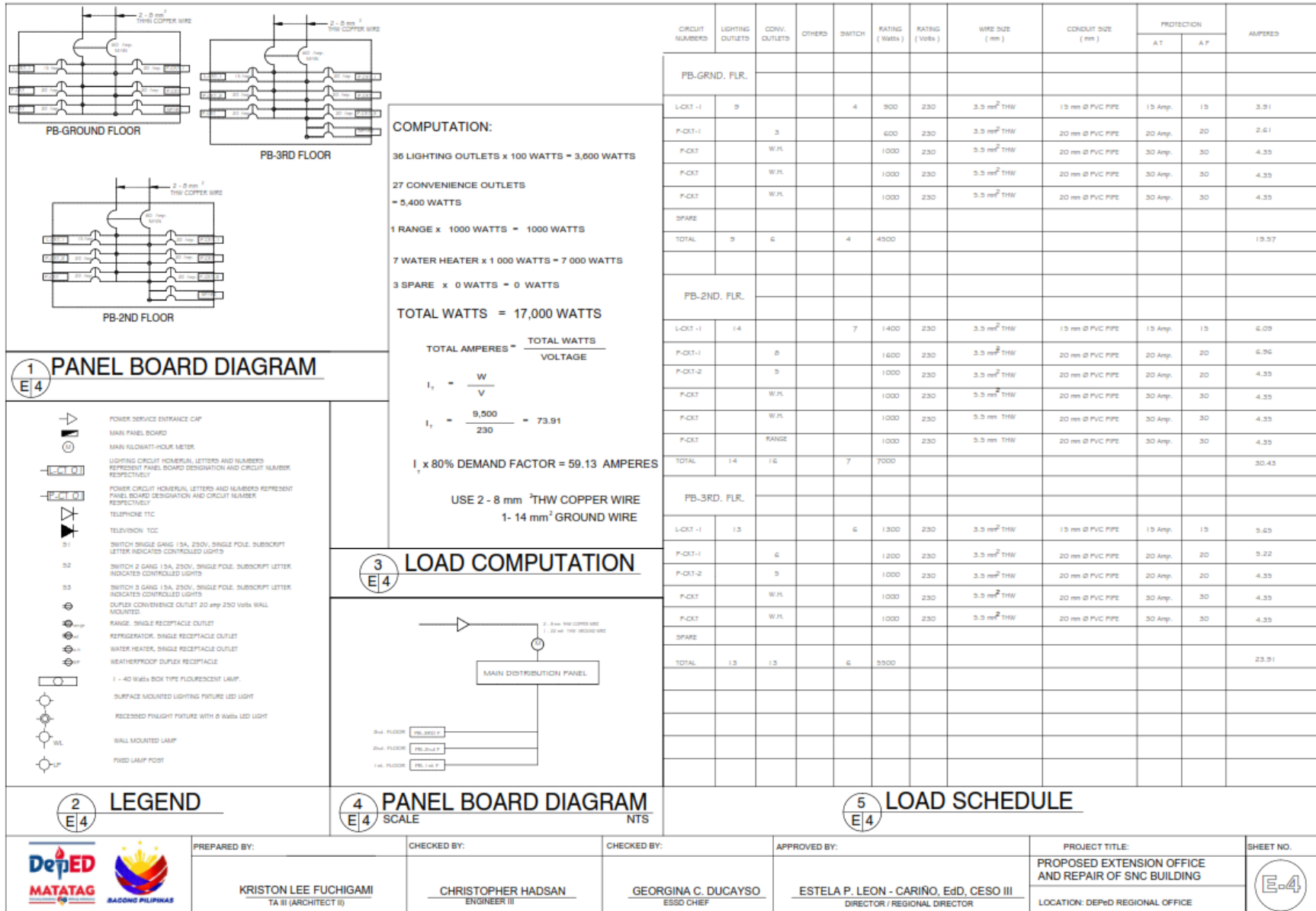


1
E3
THIRD FLOOR POWER LAYOUT
SCALE 1:100m



2
E3
THIRD FLOOR POWER LAYOUT
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER II	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	E-3



1 PANEL BOARD DIAGRAM

- POWER SERVICE ENTRANCE CAP
- MAIN PANEL BOARD
- MAIN KILOWATT-HOUR METER
- LIGHTING CIRCUIT HOMERUN, LETTERS AND NUMBERS REPRESENT PANEL BOARD DESIGNATION AND CIRCUIT NUMBER, RESPECTIVELY
- POWER CIRCUIT HOMERUN, LETTERS AND NUMBERS REPRESENT PANEL BOARD DESIGNATION AND CIRCUIT NUMBER, RESPECTIVELY
- TELEPHONE TTC
- TELEVISION TCC
- SWITCH 1 GANG 15A, 230V, SINGLE POLE, SUBSCRIPT LETTER INDICATES CONTROLLED LIGHTS
- SWITCH 2 GANG 15A, 230V, SINGLE POLE, SUBSCRIPT LETTER INDICATES CONTROLLED LIGHTS
- SWITCH 3 GANG 15A, 230V, SINGLE POLE, SUBSCRIPT LETTER INDICATES CONTROLLED LIGHTS
- DUPLEX CONVENIENCE OUTLET 20 amp 250 Volts WALL MOUNTED
- RANGE, SINGLE RECEPTACLE OUTLET
- REFRIGERATOR, SINGLE RECEPTACLE OUTLET
- WATER HEATER, SINGLE RECEPTACLE OUTLET
- WEATHERPROOF DUPLEX RECEPTACLE
- 1 - 40 Watts BOX TYPE FLUORESCENT LAMP
- SURFACE MOUNTED LIGHTING FIXTURE LED LIGHT
- RECESSED PRILIGHT FIXTURE WITH 8 Watts LED LIGHT
- WALL MOUNTED LAMP
- FIXED LAMP POST

COMPUTATION:

36 LIGHTING OUTLETS x 100 WATTS = 3,600 WATTS

27 CONVENIENCE OUTLETS = 5,400 WATTS

1 RANGE x 1000 WATTS = 1000 WATTS

7 WATER HEATER x 1 000 WATTS = 7 000 WATTS

3 SPARE x 0 WATTS = 0 WATTS

TOTAL WATTS = 17,000 WATTS

TOTAL AMPERES = $\frac{\text{TOTAL WATTS}}{\text{VOLTAGE}}$

$I_1 = \frac{W}{V}$

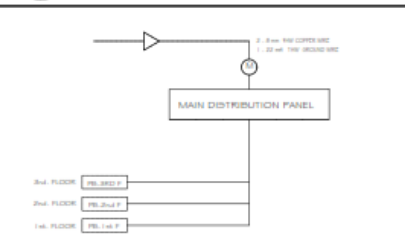
$I_1 = \frac{9,500}{230} = 73.91$

$I_1 \times 80\% \text{ DEMAND FACTOR} = 59.13 \text{ AMPERES}$

USE 2 - 8 mm² THW COPPER WIRE

1 - 14 mm² GROUND WIRE

3 LOAD COMPUTATION



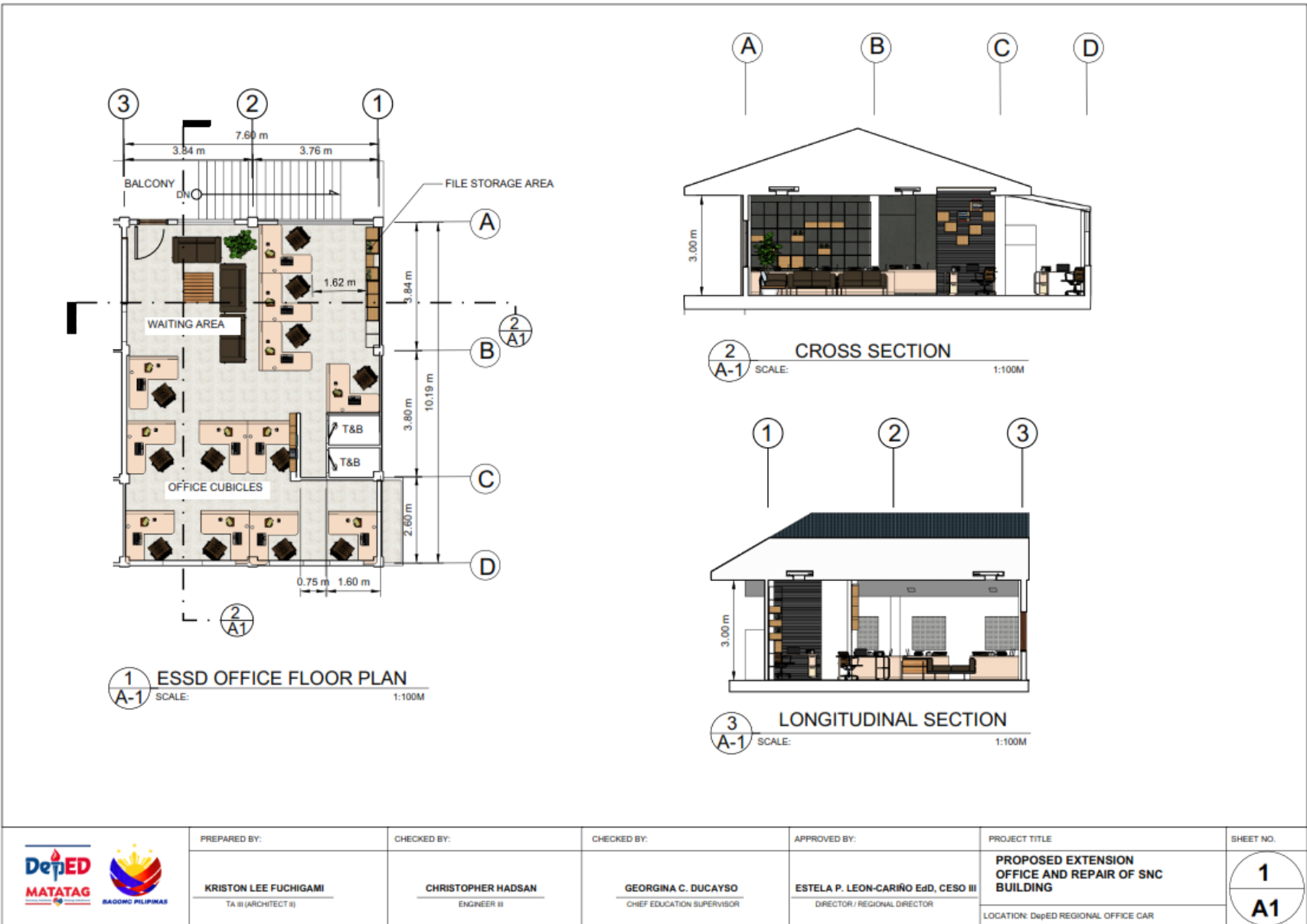
CIRCUIT NUMBER	LIGHTING OUTLETS	CONV. OUTLETS	OTHERS	SWITCH	RATING (Watts)	RATING (Volts)	WIRE SIZE (mm ²)	CONDUIT SIZE (mm)	PROTECTION		AMPERES
									A T	A P	
PB-GRND. FLR.											
L-CKT -1	8			4	300	230	3.5 mm ² THW	15 mm Ø PVC PIPE	15 Amp.	15	3.91
F-CKT -1		3			600	230	3.5 mm ² THW	20 mm Ø PVC PIPE	20 Amp.	20	2.61
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
SPARE											
TOTAL	8	6		4	4500						15.97
PB-2ND. FLR.											
L-CKT -1	14			7	1400	230	3.5 mm ² THW	15 mm Ø PVC PIPE	15 Amp.	15	6.09
F-CKT -1		8			1600	230	3.5 mm ² THW	20 mm Ø PVC PIPE	20 Amp.	20	6.96
F-CKT -2		5			1000	230	3.5 mm ² THW	20 mm Ø PVC PIPE	20 Amp.	20	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
F-CKT		RANGE			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
TOTAL	14	16		7	7000						30.43
PB-3RD. FLR.											
L-CKT -1	13			6	1300	230	3.5 mm ² THW	15 mm Ø PVC PIPE	15 Amp.	15	5.65
F-CKT -1		6			1200	230	3.5 mm ² THW	20 mm Ø PVC PIPE	20 Amp.	20	5.22
F-CKT -2		5			1000	230	3.5 mm ² THW	20 mm Ø PVC PIPE	20 Amp.	20	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
F-CKT		W.H.			1000	230	5.5 mm ² THW	20 mm Ø PVC PIPE	30 Amp.	30	4.35
SPARE											
TOTAL	13	13		6	5500						23.91

2 LEGEND

4 PANEL BOARD DIAGRAM SCALE

5 LOAD SCHEDULE


	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER II	GEORGINA C. DUCAYSO ESSO CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING	
					LOCATION: DEPED REGIONAL OFFICE	

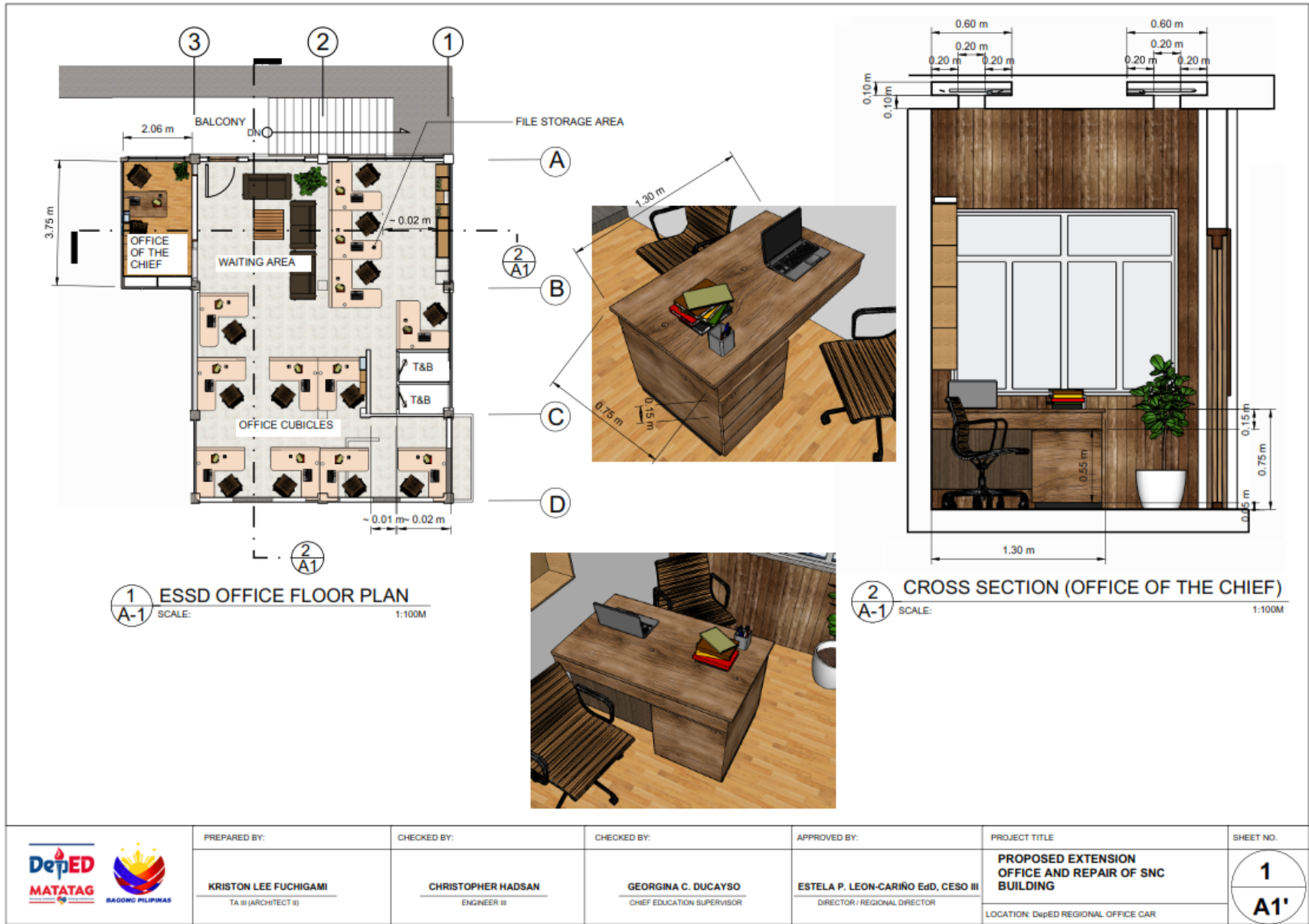


1 ESSD OFFICE FLOOR PLAN
SCALE: 1:100M

2 CROSS SECTION
SCALE: 1:100M

3 LONGITUDINAL SECTION
SCALE: 1:100M

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA III (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; flex-direction: column; align-items: center; justify-content: center;"> 1 A1 </div>



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA III (ARCHITECT III)

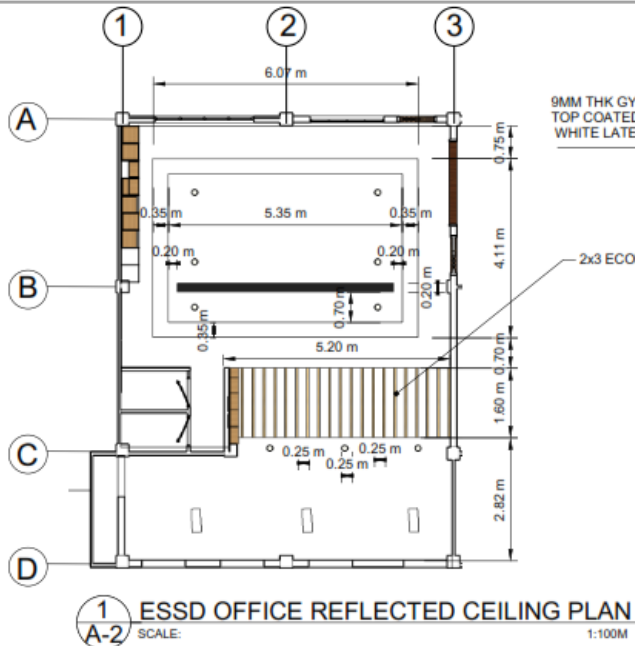
CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER III

CHECKED BY:
GEORGINA C. DUCAYSO
CHIEF EDUCATION SUPERVISOR

APPROVED BY:
ESTELA P. LEON-CARIÑO EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

PROJECT TITLE
**PROPOSED EXTENSION
OFFICE AND REPAIR OF SNC
BUILDING**
LOCATION: DepED REGIONAL OFFICE CAR

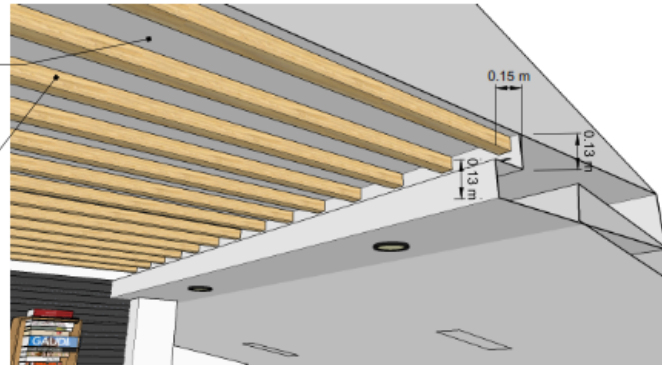
SHEET NO.
1
A1'



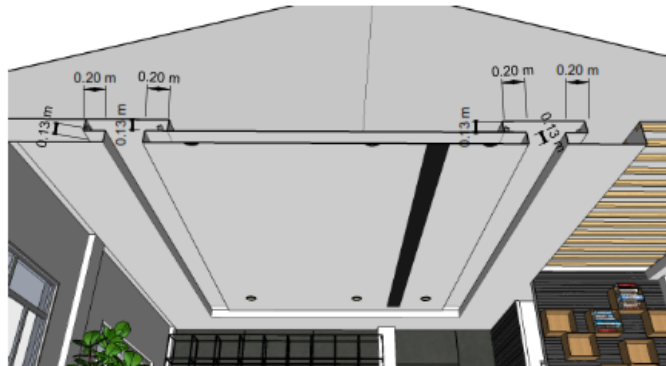
9MM THK GYPSUM BOARD
TOP COATED WITH FLAT
WHITE LATEX PAINT

2x3 ECOFOR WOOD

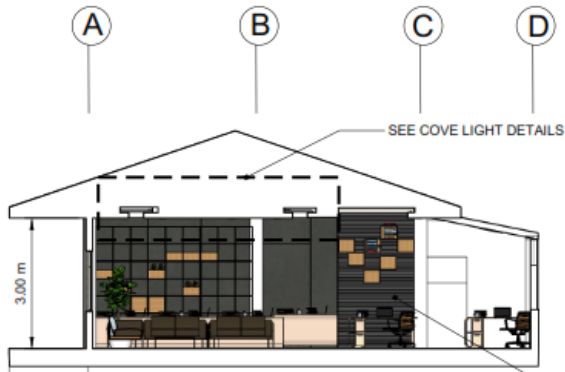
BLACK ACRYL



2 ESSD OFFICE REFLECTED CEILING PERSPECTIVES
SCALE: 1:100M



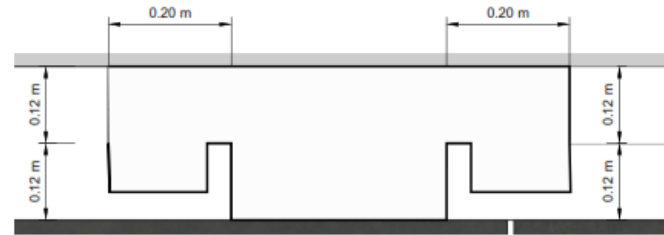
	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	1 A2



1
A-3 SCALE: 1:100M

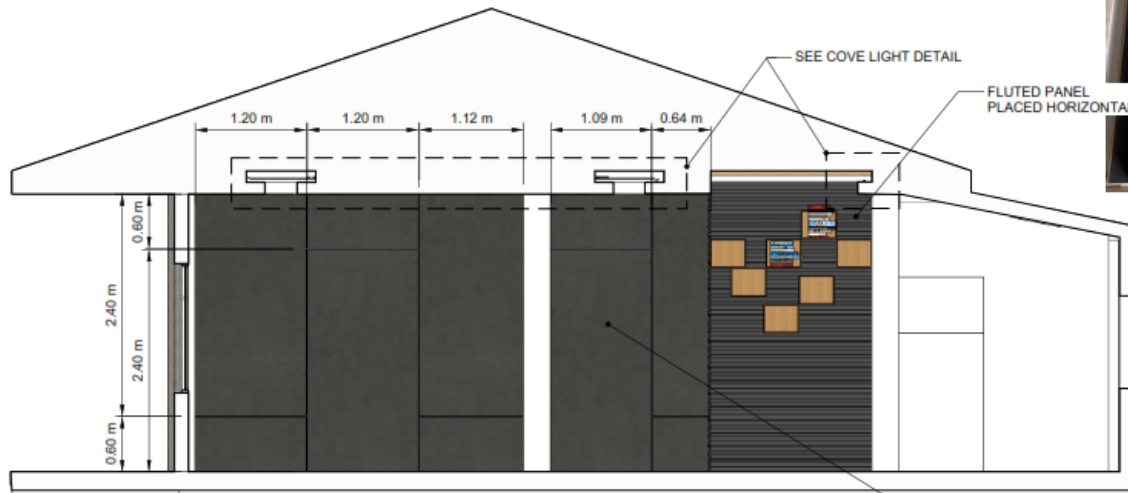
CROSS SECTION

WALL CLADDING



2
A-3 SCALE: NTS

COVE LIGHT DETAIL



2
A-3 SCALE: 1:50M

CROSS SECTION (WALL CLADDING DETAIL)

3/4" MACHINE PRESSED LAMINATED BOARD



PREPARED BY:

KRISTON LEE FUCHIGAMI
TA III (ARCHITECT III)

CHECKED BY:

CHRISTOPHER HADSAN
ENGINEER III

CHECKED BY:

GEORGINA C. DUCAYSO
CHIEF EDUCATION SUPERVISOR

APPROVED BY:

ESTELA P. LEON-CARIÑO EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

PROJECT TITLE

**PROPOSED EXTENSION
OFFICE AND REPAIR OF SNC
BUILDING**

LOCATION: DepED REGIONAL OFFICE CAR

SHEET NO.

1
A3




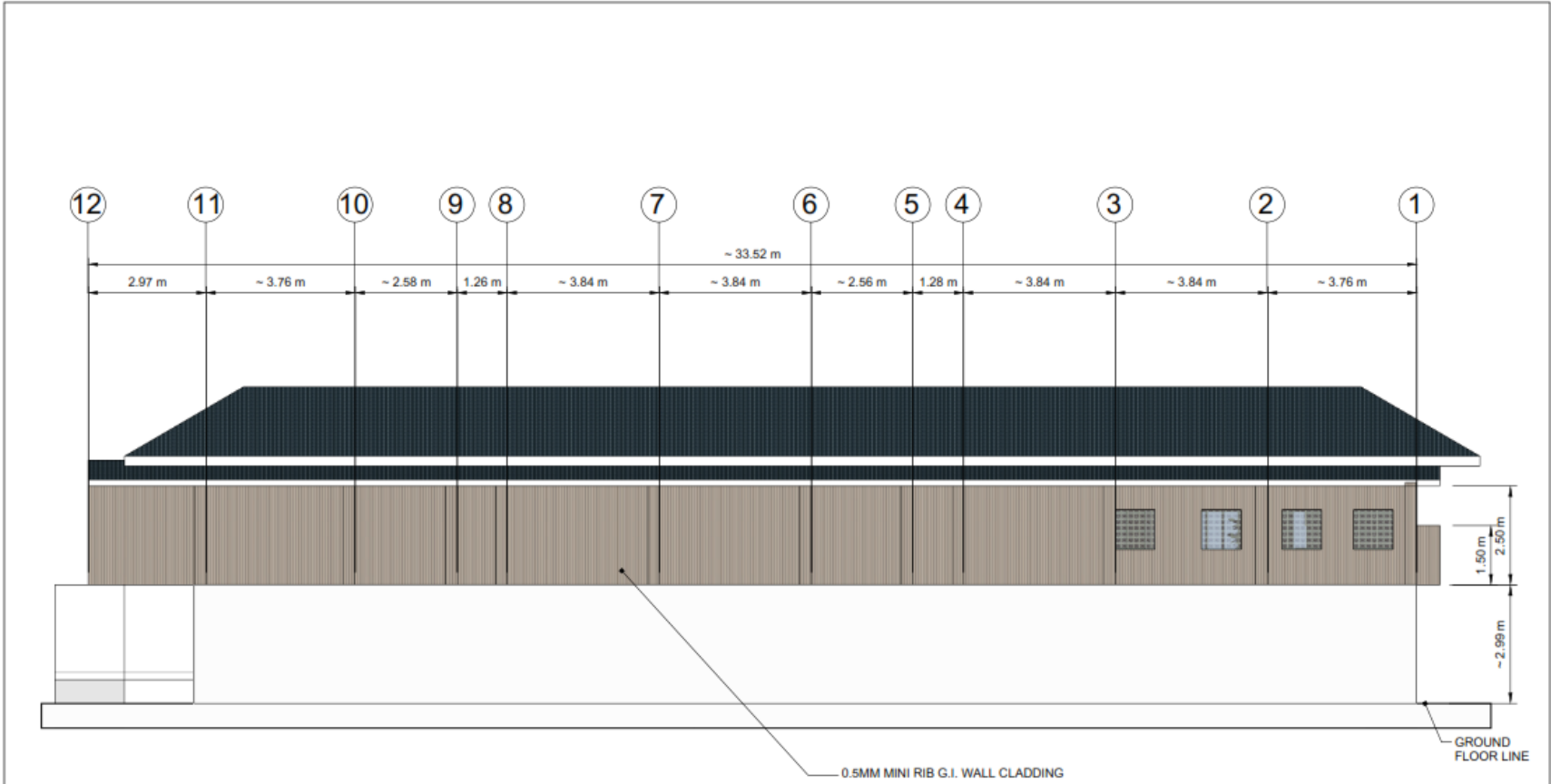
1
A-4

INTERIOR PERSPECTIVE

SCALE:

NTS

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA II (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING	<p>1 A4</p>
					LOCATION: DepED REGIONAL OFFICE CAR	



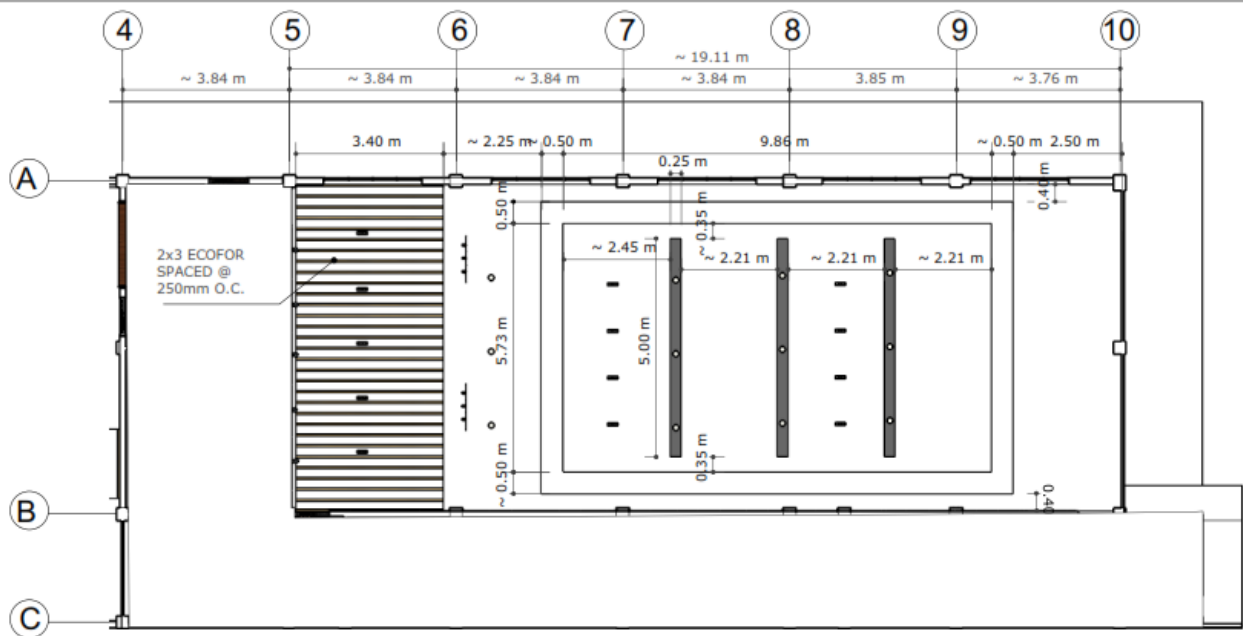
1
A-5

SNC BUILDING REAR ELEVATION

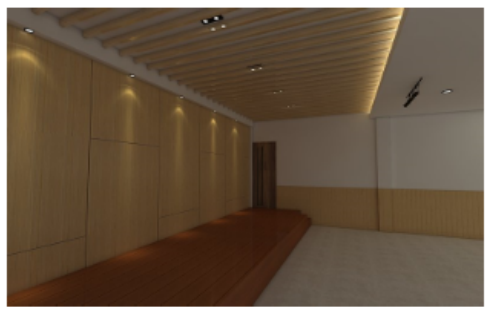
SCALE:

1:100M

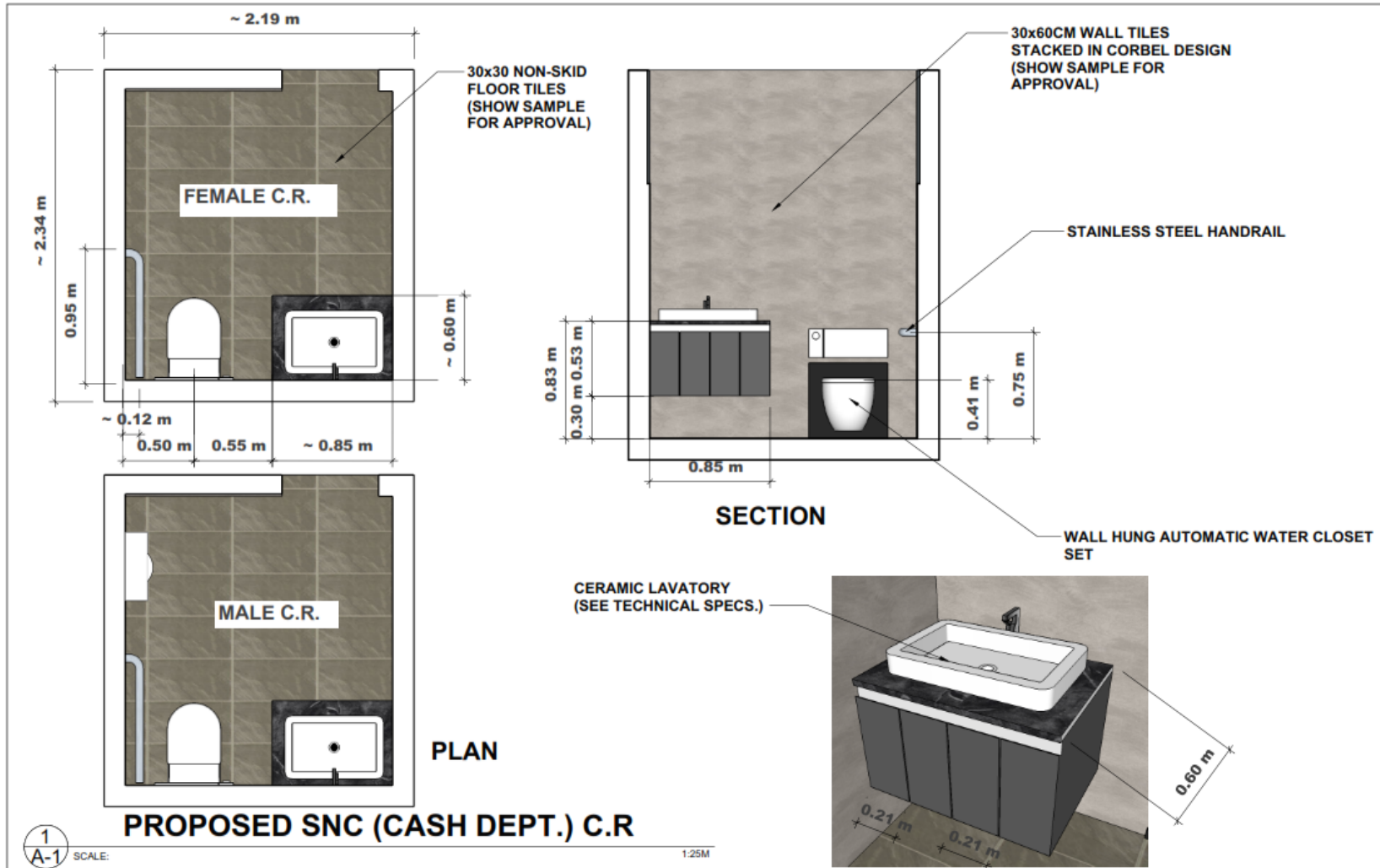
	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA II (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	<p>1 A5</p>



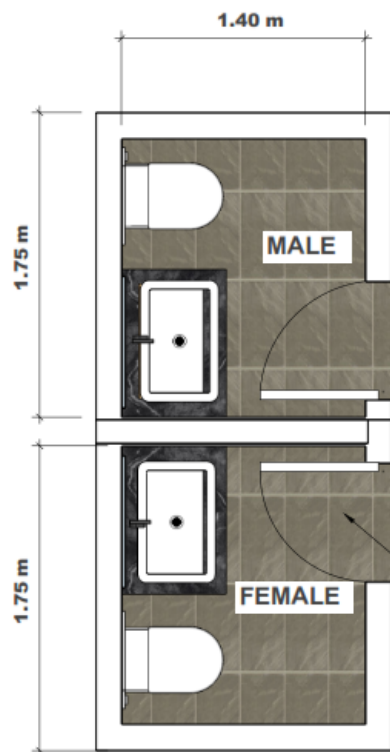
1 SNC SESSION HALL REFLECTED CEILING PLAN
 A-1 SCALE: 1:100M



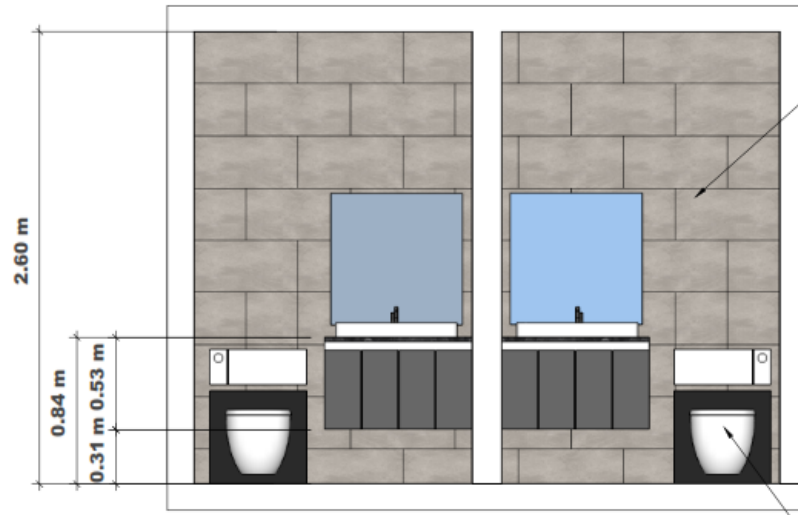
	PREPARED BY:	SCALE:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)		CHRISTOPHER HADSAN ENGINEER II	GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	1 A6



	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO. A 1
	KRISTON LEE FUCHIGAMI <small>TA II (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	



PLAN



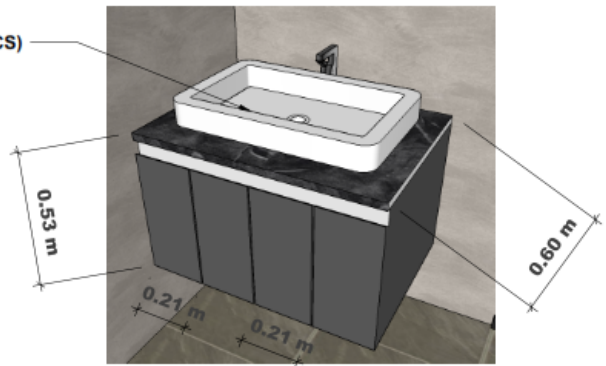
SECTION

30x30 FLOOR TILES (SHOW SAMPLE FOR APPROVAL)

30x60CM WALL TILES STACKED AS SHOWN (SHOW SAMPLE FOR APPROVAL)

WALL HUNG AUTOMATIC WATER CLOSET

CERAMIC LAVATORY (SEE TECHNICAL SPECS)



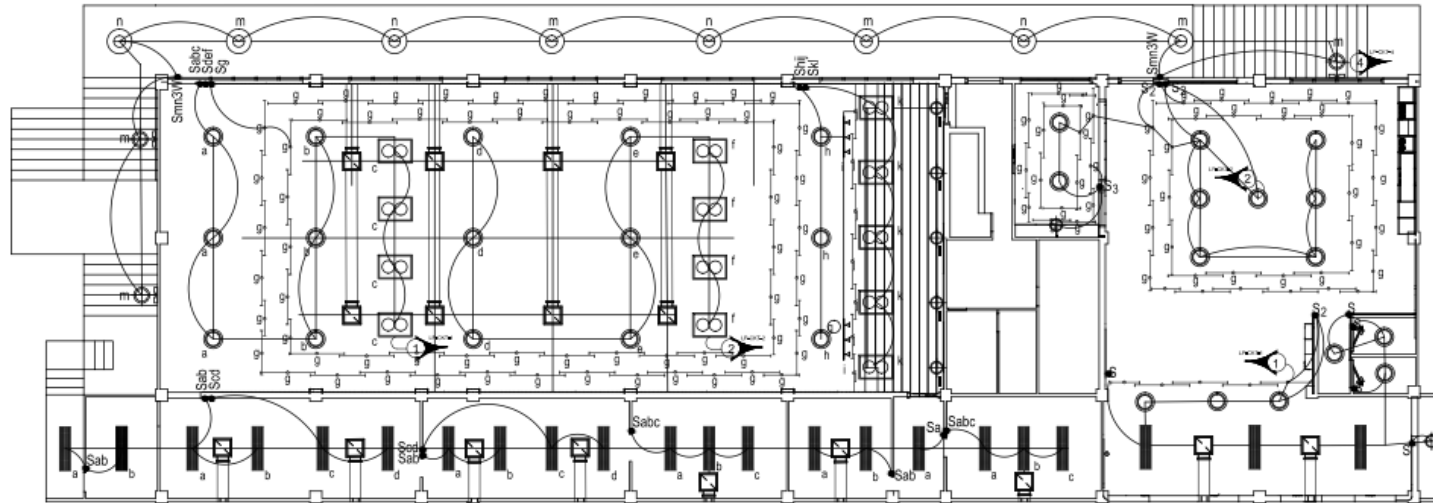
PROPOSED TYPICAL SNC C.R

1
A-1

SCALE:

1:25M

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA II (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	A 1

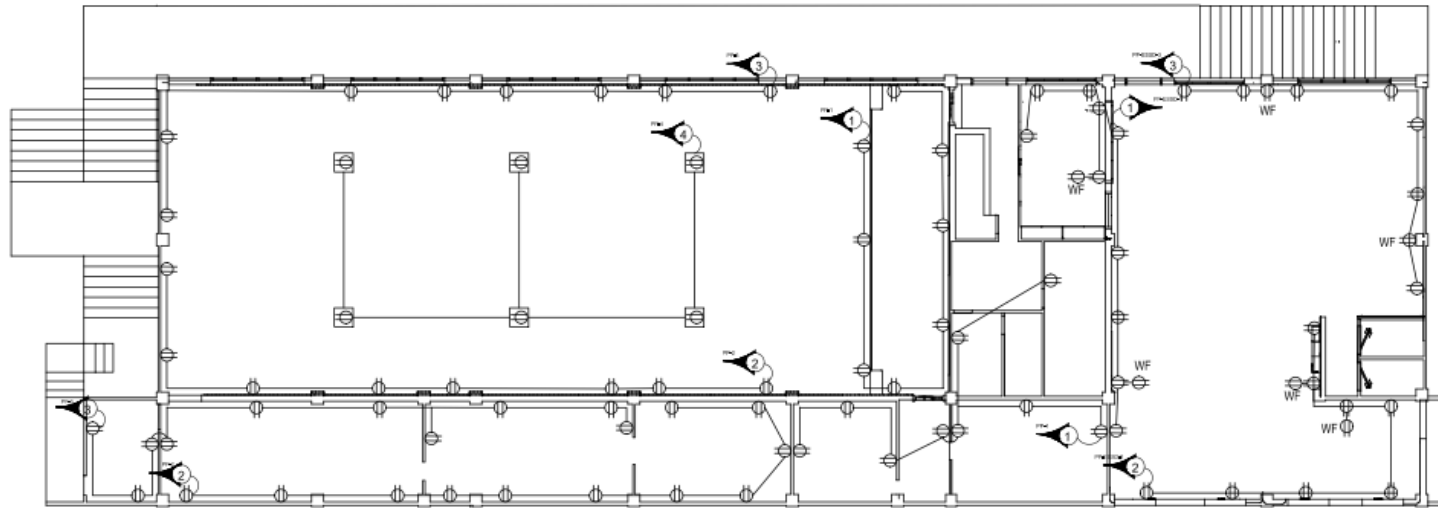


LEGEND

- Lighting Circuit
- Power Circuit
- 1W LED Panel Light
- 2W LED Down Light
- S1 - Recess 1 Gang
- S2 - Recess 2 Gang
- S3 - Recess 3 Gang
- S3W - Flush Type Switch
- Track Light
- 1 Gang LED Down Light
- 2W LED Panel Light
- 1W LED 300 Light
- Emergency Exit Sign with 2x100mm LED Light Pipe

1
E 1 LIGHTING LAYOUT

	PREPARED BY: VINCENT L. SANGCAAN EA-117	CHECKED AND REVIEWED: CHRISTOPHER B. HADSAN ENGR. R1	RECOMMENDING APPROVAL: GEORGINA C. DUCAYSO CHIEF, ESDO	APPROVED BY: ESTELA P. LEON-CARINO, CESO II REGIONAL DIRECTOR	PROJECT TITLE: PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BLDG.	OWNER: DEPED - CAR REGIONAL OFFICE	SHEET NO.:
						LOCATION: WANGAL, LA TRINIDAD, BENGUET	SHEET CONTENT: AS SHOWN



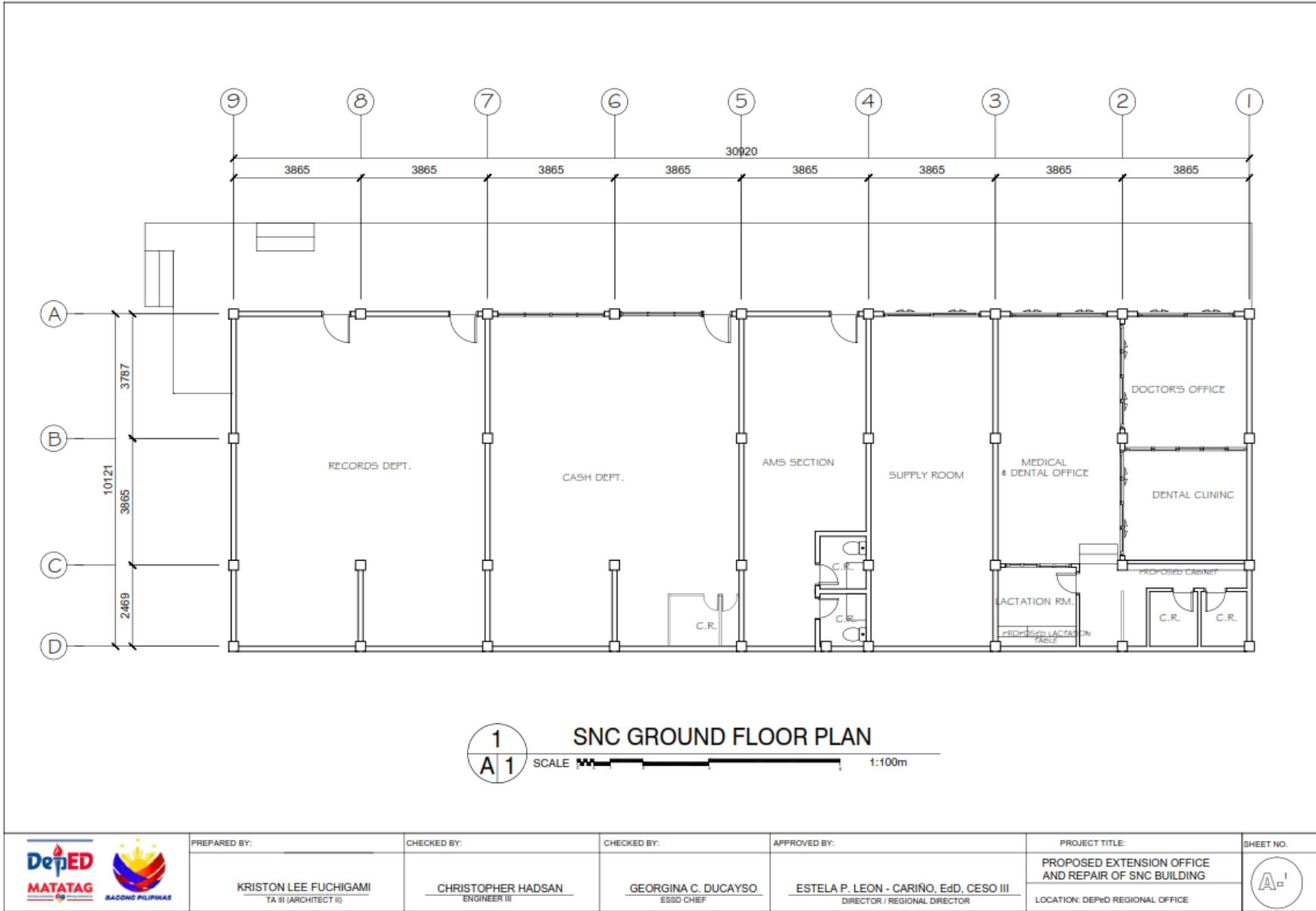
LEGEND

- 10mm Conduit
- 20mm Conduit
- 10mm Wire
- 20mm Wire
- 100W Lighting Fixture
- 200W Lighting Fixture
- 15A Power Outlet
- 20A Power Outlet
- Fire Alarm Pull Station


1
E 2

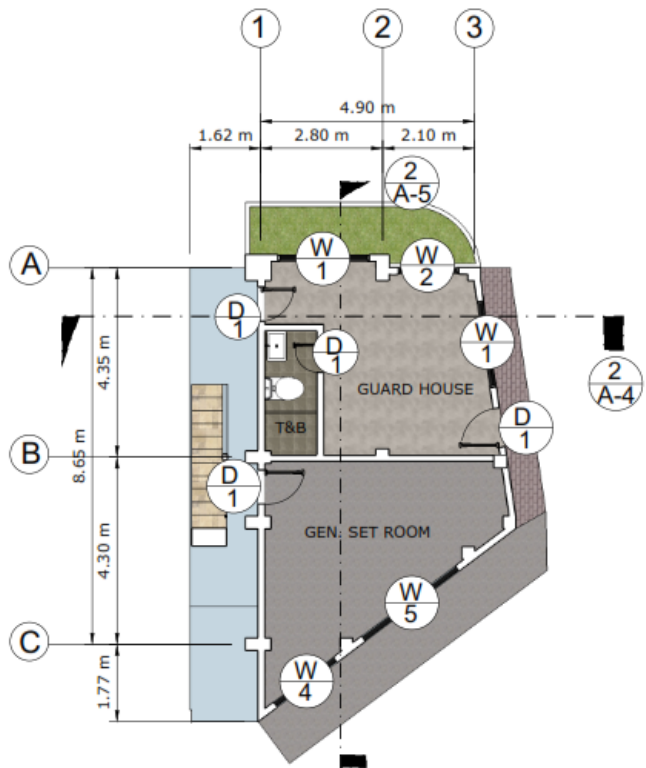
POWER LAYOUT

	PREPARED BY:	CHECKED AND REVIEWED:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	OWNER:	SHEET NO.:
	VINCENT L. SANGCAAN EA-PI	CHRISTOPHER B. HADSAN ENR-PI	GEORGINA C. DUCAYSO CBEI-ESSD	ESTELA P. LEON-CARINO, CESO III REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BLDG.	DEPED - CAR REGIONAL OFFICE	E-2
						LOCATION: WANGAL, LA TRINIDAD, BENGUET	AS SHOWN

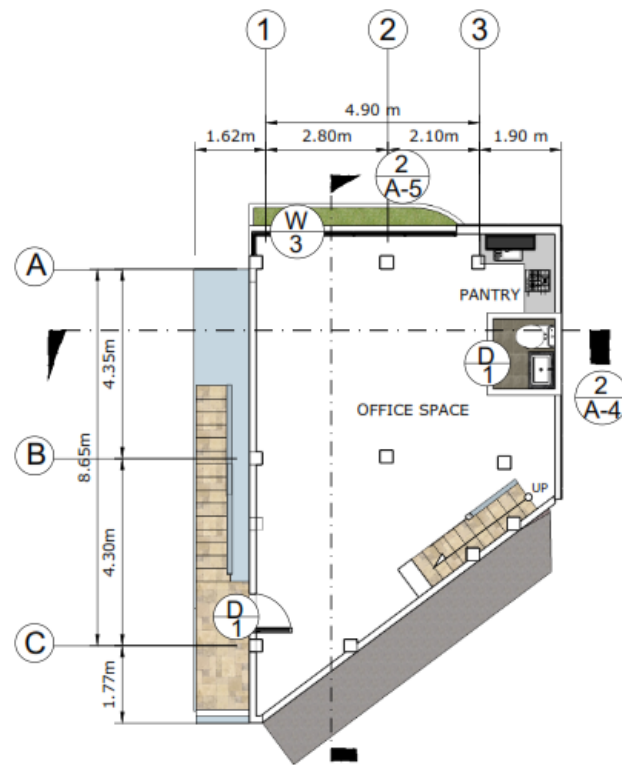


1
A 1
SNC GROUND FLOOR PLAN
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSO CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	A 1

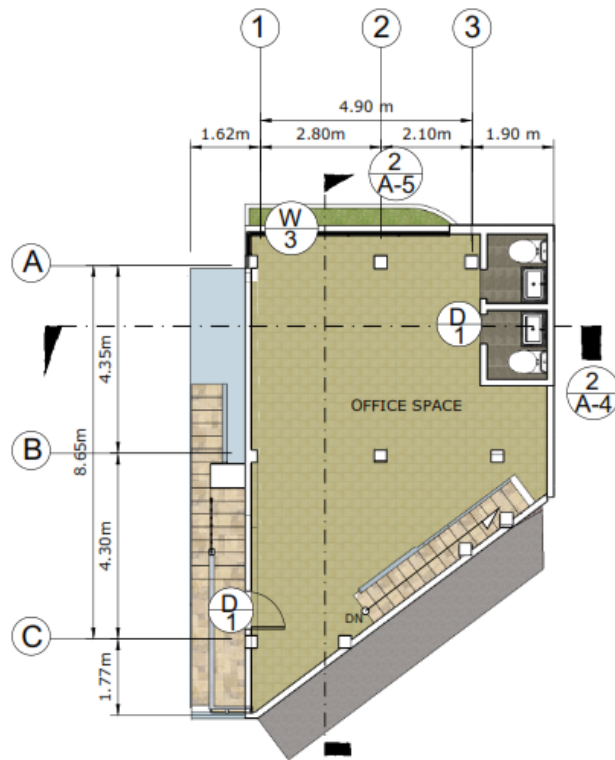


1
A-1 GROUND FLOOR PLAN
SCALE: 1:100M



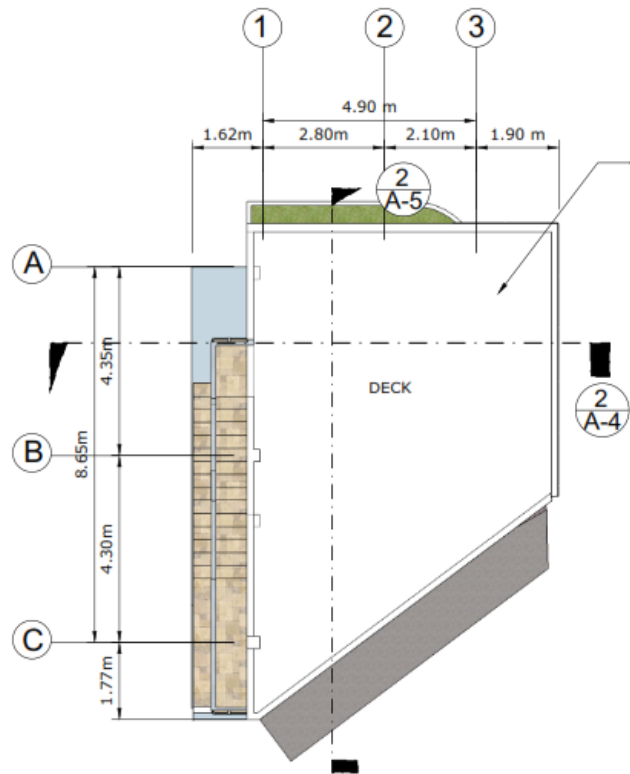
2
A-1 SECOND FLOOR PLAN
SCALE: 1:100M

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI TA II (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	A 1

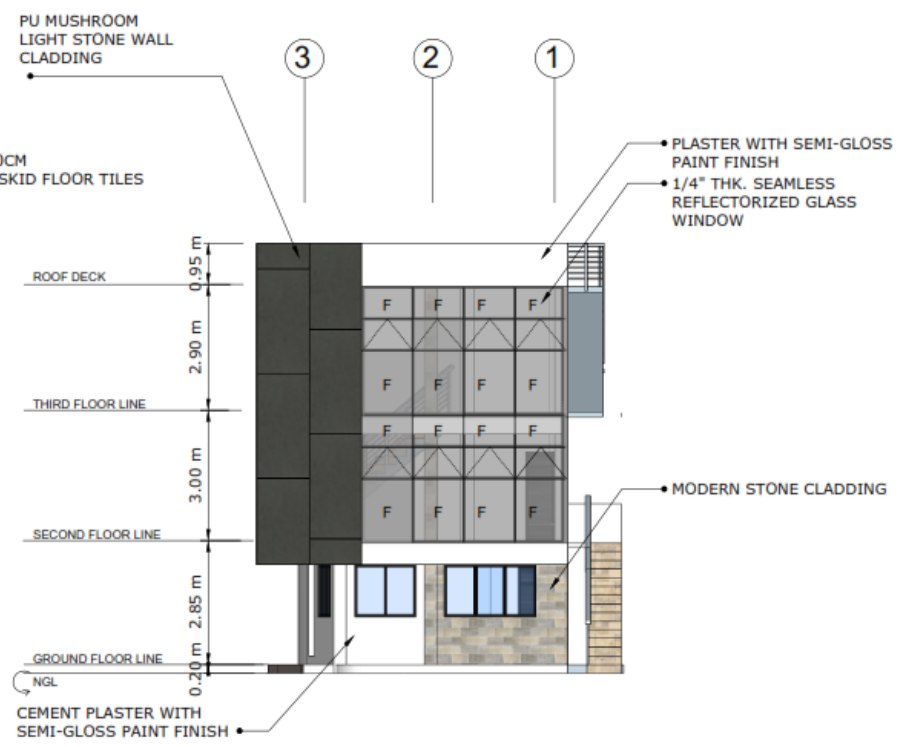


1 THIRD FLOOR PLAN
 A-1' SCALE: 1:100M

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI <small>TA III (ARCHITECT II)</small>	CHRISTOPHER HADSAN <small>ENGINEER III</small>	GEORGINA C. DUCAYSO <small>CHIEF EDUCATION SUPERVISOR</small>	ESTELA P. LEON-CARIÑO EdD, CESO III <small>DIRECTOR / REGIONAL DIRECTOR</small>	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING <small>LOCATION: DepED REGIONAL OFFICE CAR</small>	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> A 1' </div> </div>

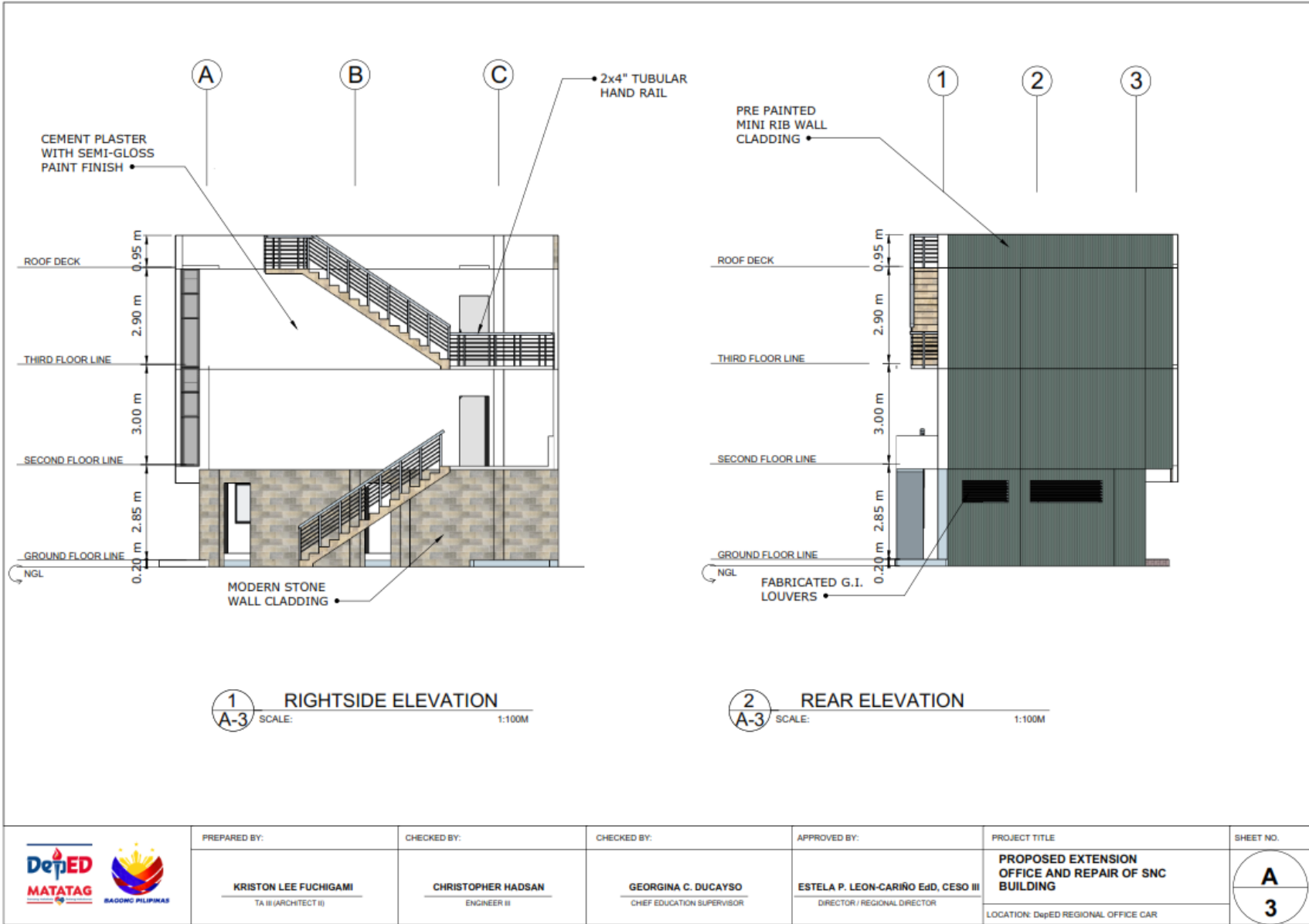


1 ROOF DECK PLAN
 SCALE: 1:100M

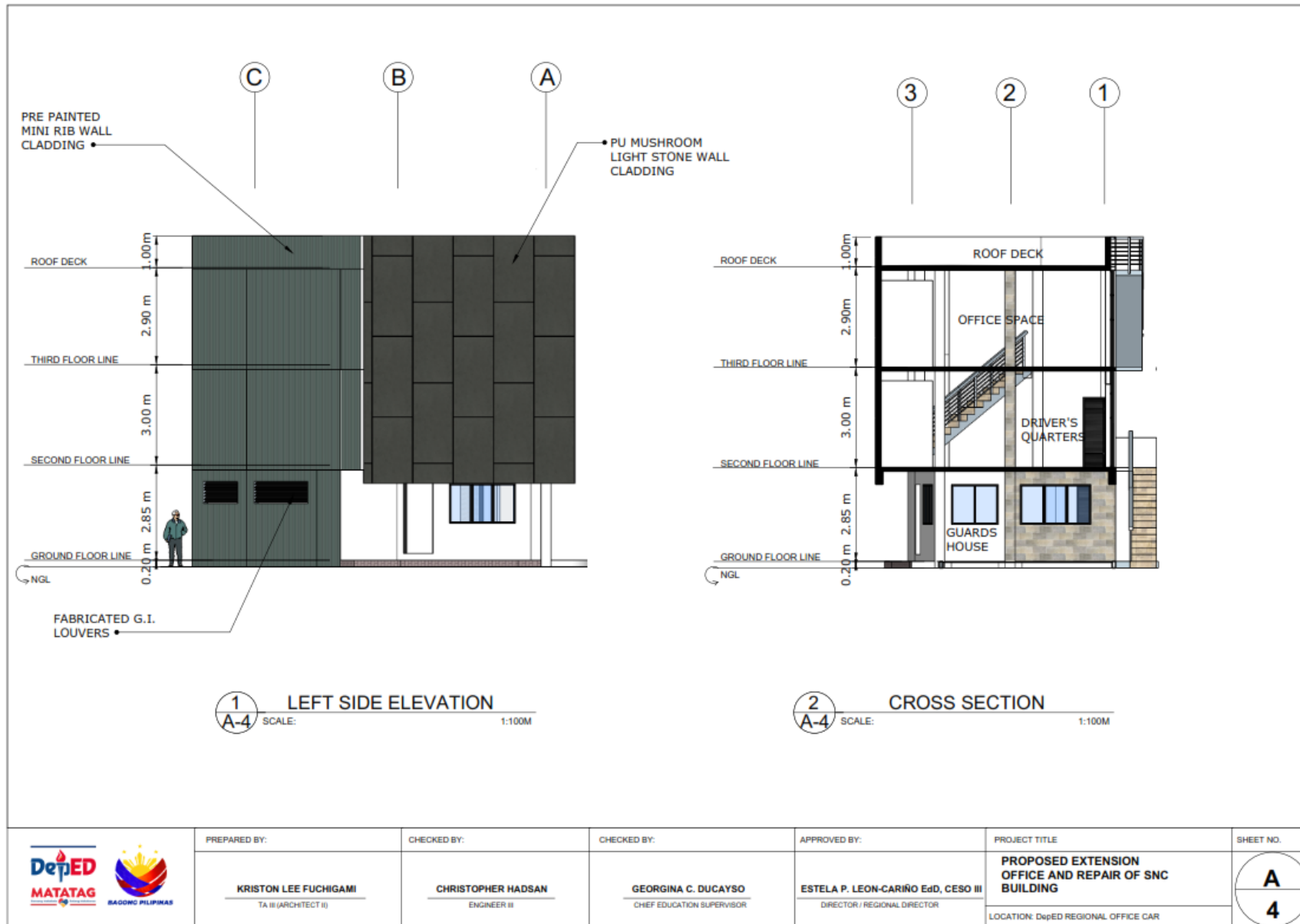


2 FRONT ELEVATION
 SCALE: 1:100M

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; margin-bottom: 5px;">A</div> <div style="font-size: 24px;">2</div> </div>
					LOCATION: DepED REGIONAL OFFICE CAR	



	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT III)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO CHIEF EDUCATION SUPERVISOR	ESTELA P. LEON-CARIÑO EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepED REGIONAL OFFICE CAR	A 3



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA II (ARCHITECT II)

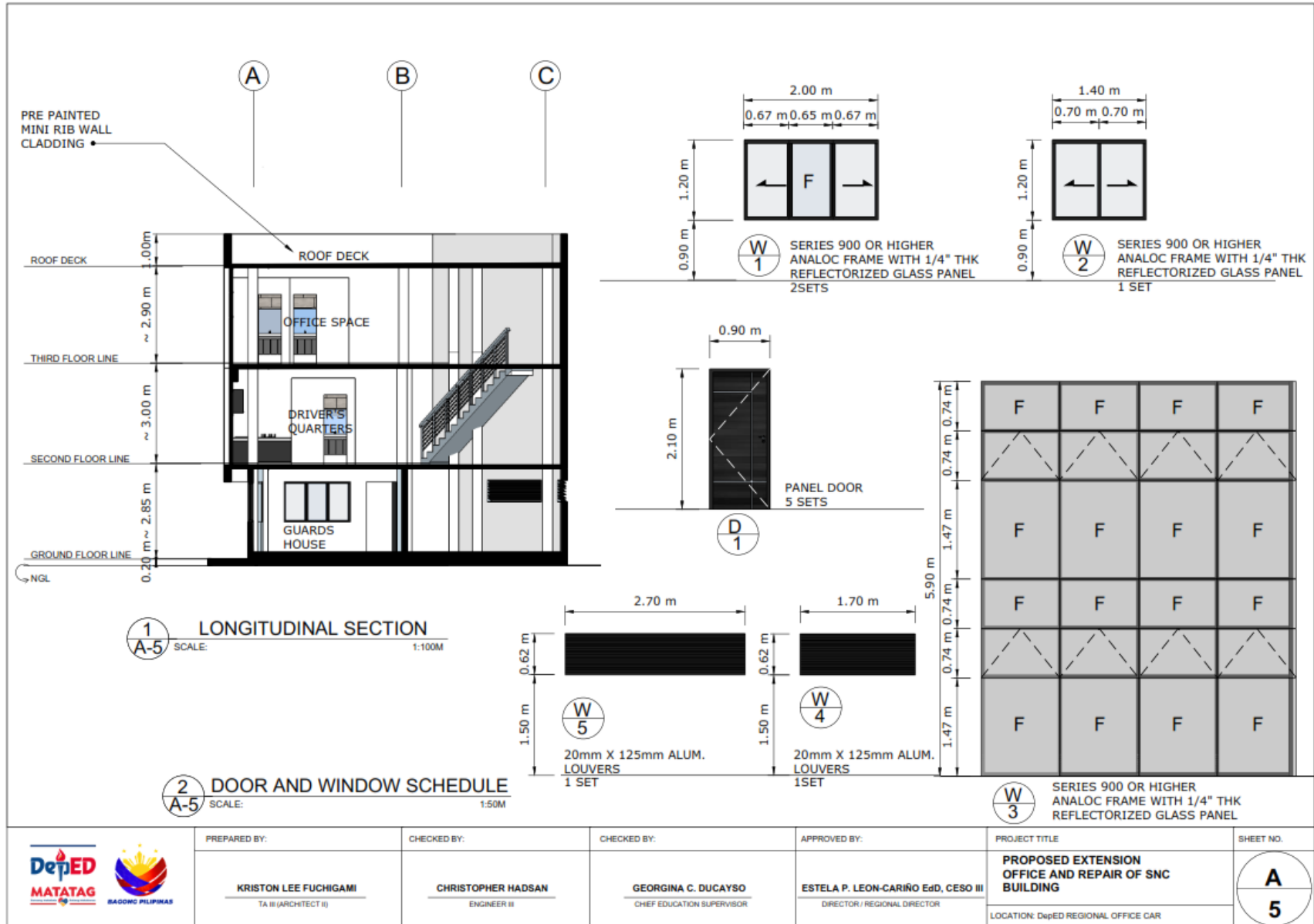
CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER II

CHECKED BY:
GEORGINA C. DUCAYSO
CHIEF EDUCATION SUPERVISOR

APPROVED BY:
ESTELA P. LEON-CARIÑO EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

PROJECT TITLE
**PROPOSED EXTENSION
OFFICE AND REPAIR OF SNC
BUILDING**
LOCATION: DepED REGIONAL OFFICE CAR

SHEET NO.
**A
4**



PREPARED BY:
KRISTON LEE FUCHIGAMI
TA II (ARCHITECT II)

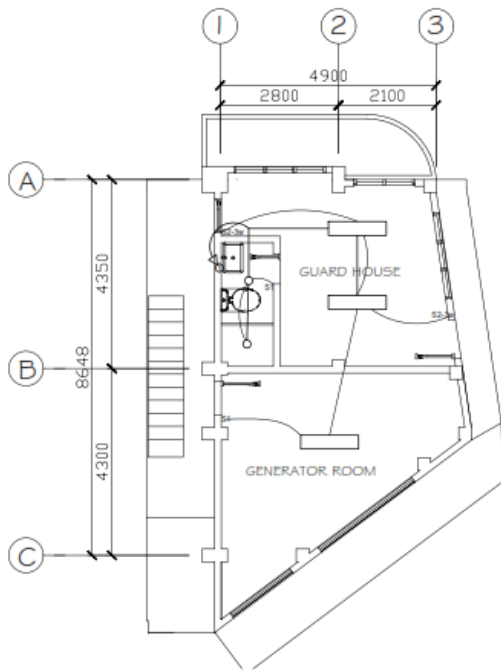
CHECKED BY:
CHRISTOPHER HADSAN
ENGINEER II

CHECKED BY:
GEORGINA C. DUCAYSO
CHIEF EDUCATION SUPERVISOR

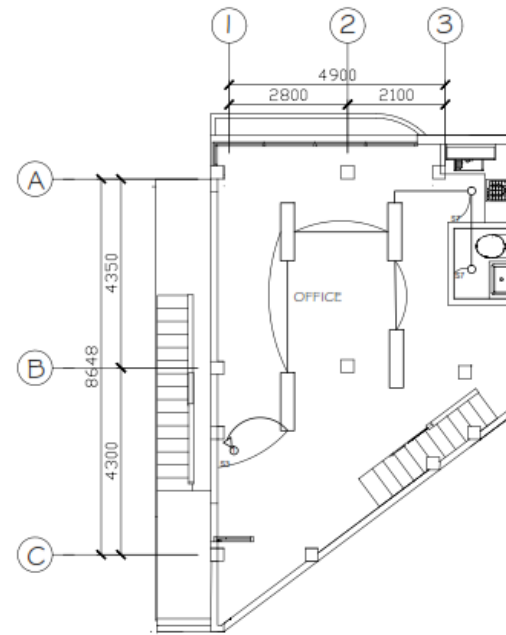
APPROVED BY:
ESTELA P. LEON-CARIÑO EdD, CESO III
DIRECTOR / REGIONAL DIRECTOR

PROJECT TITLE
**PROPOSED EXTENSION
OFFICE AND REPAIR OF SNC
BUILDING**
LOCATION: DepED REGIONAL OFFICE CAR


SHEET NO.
**A
5**

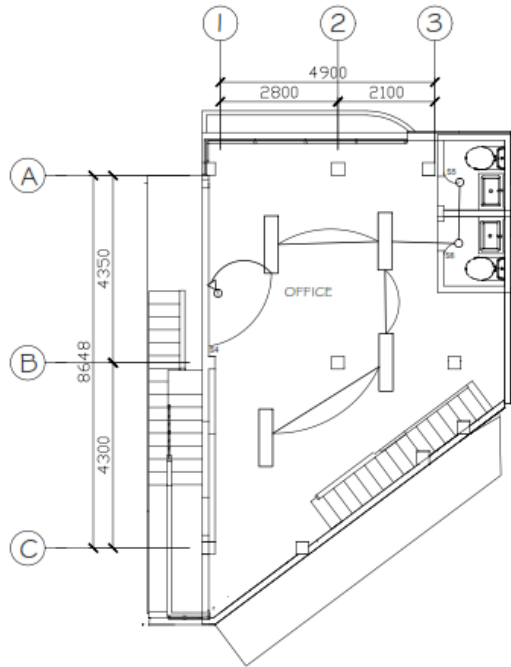


1 GROUND FLOOR LIGHTING LAYOUT
E 1 SCALE 1:100m

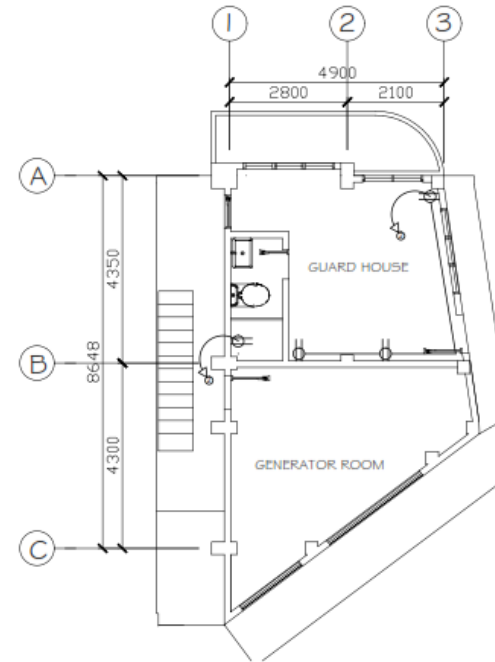


1 SECOND FLOOR LIGHTING LAYOUT
E 1 SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. E-1
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT III)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSO CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	

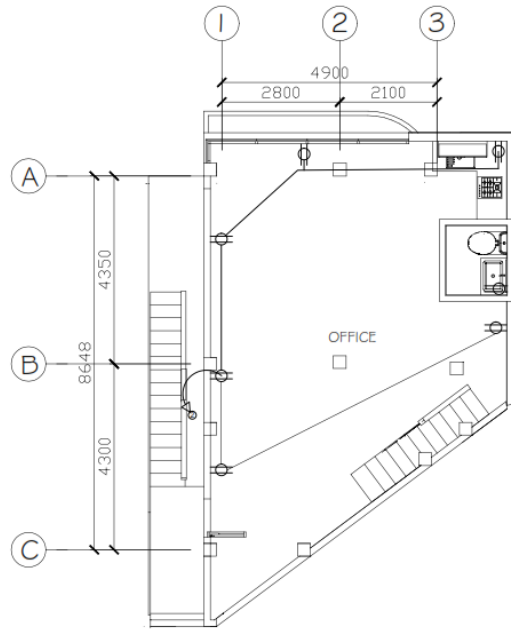


1
E 2 THIRD FLOOR WATER LINE
SCALE 1:100m

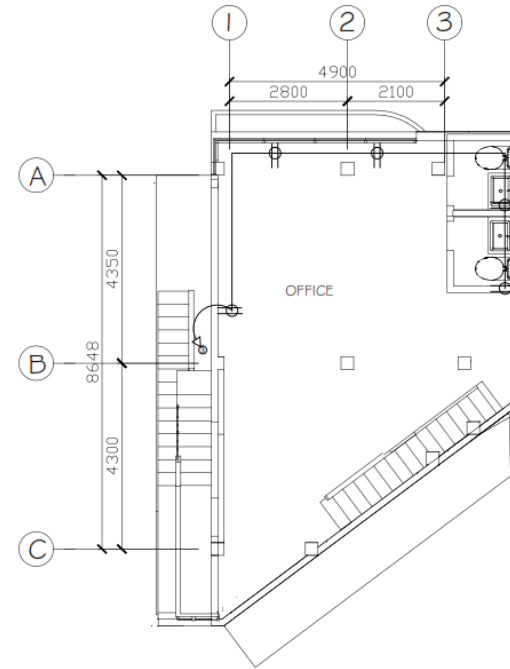


1
E 2 GROUND FLOOR POWER LAYOUT
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSO CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPRD REGIONAL OFFICE	

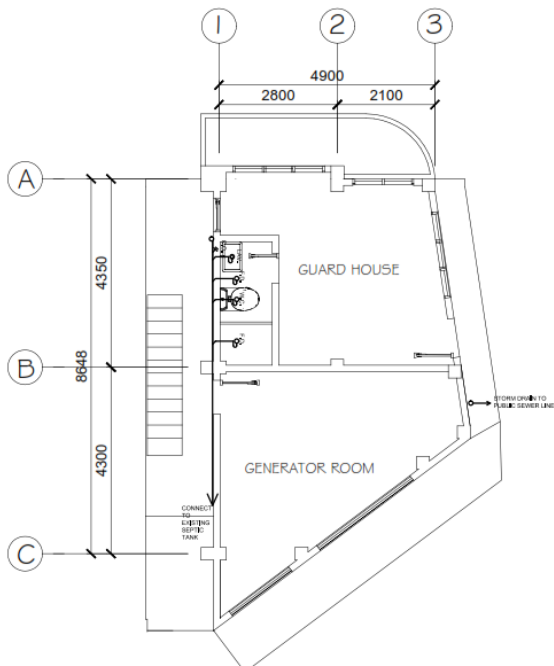


1 SECOND FLOOR POWER LAYOUT
 E 3 SCALE 1:100m

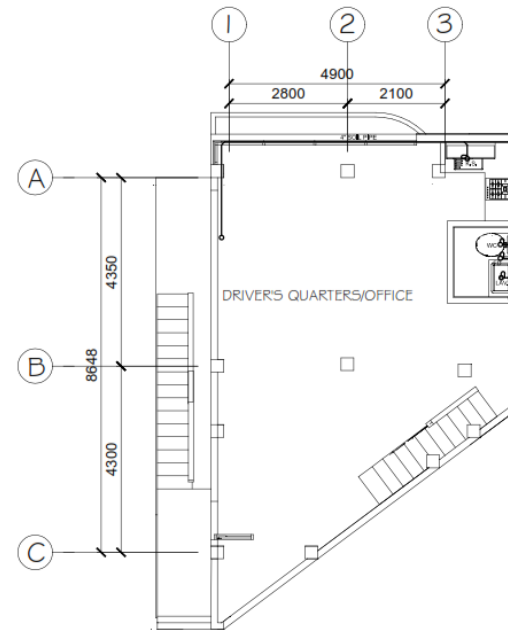


1 THIRD FLOOR POWER LAYOUT
 E 3 SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. E-3
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	

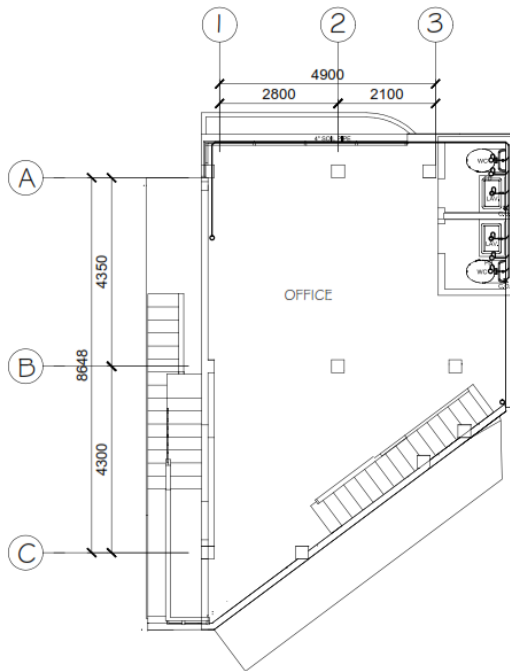


1
P 1 GROUND FLOOR SEWER LINE
SCALE 1:100m

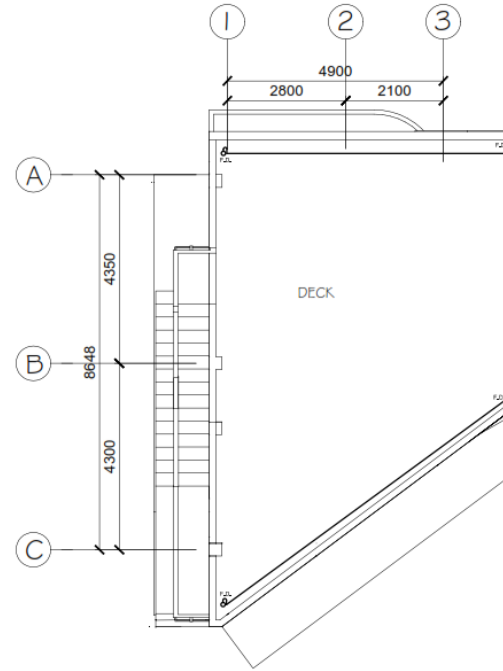


2
P 1 SECOND FLOOR SEWER LINE
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. P-1
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	

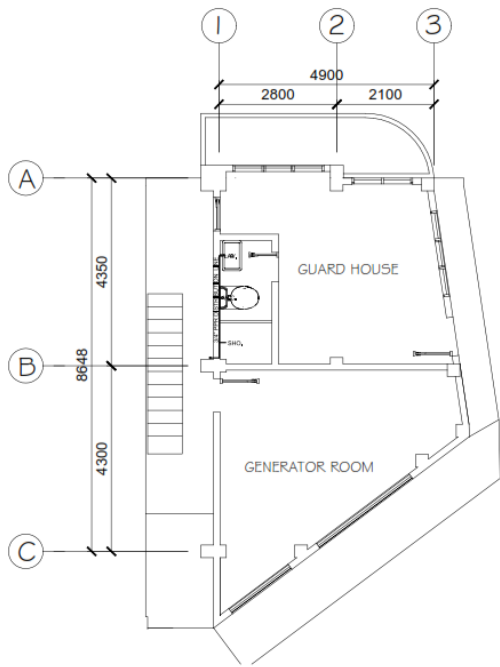


1
P 2
SCALE 1:100m
THIRD FLOOR SEWER LINE

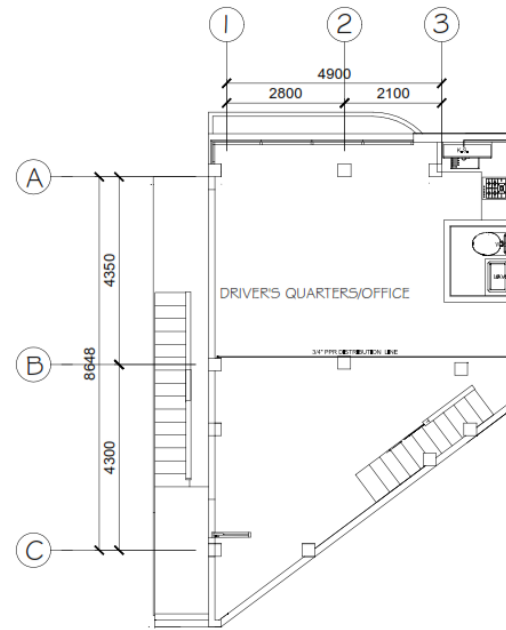


2
P 2
SCALE 1:100m
ROOF DECK SEWER LINE

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO.
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	

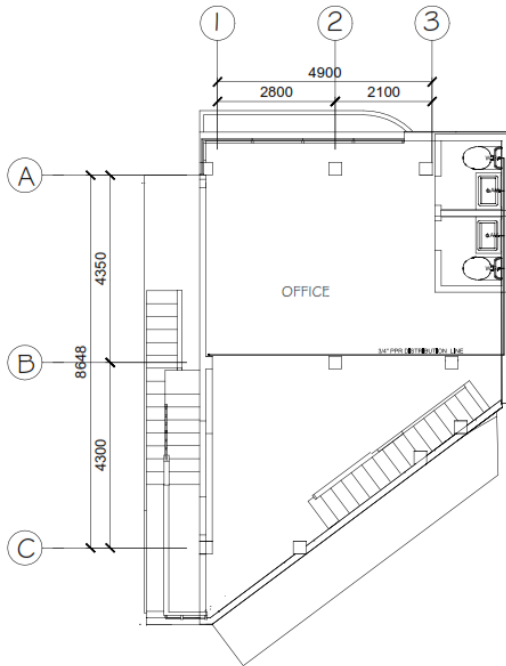


1
P-3 GROUND FLOOR WATER LINE
SCALE 1:100m

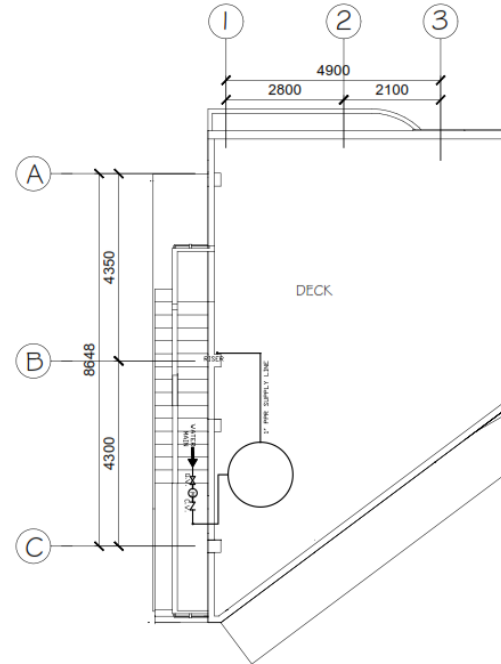


1
P-3 SECOND FLOOR WATER LINE
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. P-3
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DEPED REGIONAL OFFICE	



1
P 4 **THIRD FLOOR WATER LINE**
SCALE 1:100m



1
P 4 **ROOF DECK WATER LINE**
SCALE 1:100m

	PREPARED BY:	CHECKED BY:	CHECKED BY:	APPROVED BY:	PROJECT TITLE:	SHEET NO. P-4
	KRISTON LEE FUCHIGAMI TA III (ARCHITECT II)	CHRISTOPHER HADSAN ENGINEER III	GEORGINA C. DUCAYSO ESSD CHIEF	ESTELA P. LEON - CARIÑO, EdD, CESO III DIRECTOR / REGIONAL DIRECTOR	PROPOSED EXTENSION OFFICE AND REPAIR OF SNC BUILDING LOCATION: DepEd REGIONAL OFFICE	

Section VIII. Bill of Quantities

Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

Daywork Schedule

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

Signature Box

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.



Republic of the Philippines
 Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

PROGRAM OF WORKS
BILL OF QUANTITIES

Region	: CAR	Date:	
Project Title	:	Budget Allocation:	-
REPAIR AND EXTENSION OFFICE OF SNC BUILDING		Engineering and Administrative Overhead:	-
		Approved Budget for the Contract:	-
		Completion Period:	270CD
		Minimum Required Manpower:	
		Project Engineer	Carpenter
General Foreman	Painter	Helpers	
Safety Officer	Steel Man	Tile Setter	
Location	DepED CAR Regional Office, Wangal La Trinidad, Benguet	Minimum Required Equipment:	
		Hand and Power Tools	Welding Machine Dump Truck BoomTruck
		One-Bagger Mixer	Bar Cutter Excavator

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
						(6) / (5)	(9) / (5)	
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	9.00				
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00				
B.1.1	Fire Extinguisher 10lbs Capacity on Metal Bracket		sets	13.00				
B.2	Permits and Clearances		lot	1.00				
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	9.00				
SPL 3	Provision of Fixtures and Equipment for the Engineers		Lumpsum	1.00				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	1.00				
C.2	Removal of Structures and Obstruction		sq.m	240.00				
C.2.1	Removal of Existing Railings and Windows		lot	1.00				
1.0000	Earthworks							

Signature Box:
(Insert signature of authorized representative)

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
1 (a)	Clearing and Grubbing		cu m	240.00				
1 (b)	Demolition of Reinforced Concrete		cu.m	9.20				
1 (c)	Structural Excavation		cu m	103.58				
1 (d)	Backfilling and Compaction		cu m	103.00				
1 (e)	Gravel Bedding		cu.m	2.37				
2.0000	Concreting Works (3000 psi)							
2 (a)	Structural Concrete (Footing and Slab on Fill)		cu.m	44.03				
2 (b)	Structural Concrete (Footing Tie Beam, Column/Pedestal, Slab, Suspended Slab, Girder/ Beam)		cu m	124.52				
2 (c)	Structural Concrete (Steps)		cu.m	54.00				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kgs	8,902.40				
3 (b)	Reinforcing Steel Bar, Grade 60		kgs	10,718.23				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks and Scaffoldings		sq.m	1,156.90				
5.0000	Masonry Works							
5 (a)	Demolition of Masonry Wall		sq.m	12.00				
5 (b)	Masonry (100 mm CHB)		sq.m	728.64				
	Finishing Works							
5 (d)	Plain Cement Plaster Finish		sq.m	1,457.28				
5 (e)	Plain Cement Floor Finish		sq.m	176.00				
6.0000	Fabricated Materials and Hardware							
6 (a)	Removal of Door with Jamb		sq.m	5.00				
6 (b)	Removal of Window with Jamb		sq.m	17.01				
6 (c)	Panel Door		sets	19.00				
6 (d)	Sliding Reflective Glass Window with Insect Screen on S900 Aluminum Frame		sq m	61.47				
6 (e)	Fixed Reflective Glass Window on S900 Aluminum Frame		sq.m	27.88				
6 (f)	Reflective Sliding Glass Window with 2- 0.60x1.40 and 2- 0.60x0.55m awning and 1.20m x 1.40m Sliding Window with Insect Screen on S900 Aluminum Frame		sq.m	10.19				
6 (g)	Reflective Sliding Glass Door with Insect Screen on S900 Aluminum Frame		sq.m	8.40				
6 (h)	3/8" thk Frosted Tempered Glass Door complete with mechanical silent door stopper		sq.m.	1.89				
6 (i)	1/4" thk Reflectorized Seamless Glass Window		sq.m	35.00				
6 (j)	Water Pump with Accessories		lot	1.00				
7.0000	Steel Works							
7 (a)	Metal Structure Accessories (Railings)		kgs	3,276.00				
7 (b)	Metal Structure (I BEAM)		kgs	10,780.00				

Signature Box:

(Insert signature of authorized representative)

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
7 (d)	Steel Deck		sq.m	504.48				
7 (e)	Water Tank Stand- Metal Structure and Accessories (Angle Bar)		kgs	1,372.44				
7 (f)	Fabricated G.I Louvers		kgs	85.00				
8.0000	Roofing Works							
8 (a)	Fabricated Metal Roofing Accessory (Round Gutter)		m	80.00				
8 (b)	PVC Sanitary Pipe 3"Ø x 3.0m		lot	1.00				
8 (c)	8mm thk Solid Poly Carbonate Roofing		sq.m	25.00				
9.0000	Ceiling and Carpentry Works							
9 (a)	Gypsum Board 9mm thk on Metal Frame Ceiling		sq.m.	1,135.08				
9 (b)	Woodgrained PVC Ceiling Panel on Metal Frame Ceiling		sq.m	183.61				
9 (c)	Fluted Wall Panel		sq.m	84.40				
9 (d)	Laminated Board		sq.m	148.50				
9 (e)	Fluted Panel on Metal Frame Ceiling		sq.m	36.00				
9 (f)	2"x3" Wood S4S		bd.ft	680.00				
9 (g)	P.U Mushroom Stone Wall Cladding/ Modern Stone Wall Cladding		sq.m	138.80				
9 (h)	Phenolic Compact Board on Aluminum Frame		sq.m	0.36				
9 (i)	Replacement for Damaged Wooden Wooden Trusses and Purlins		bd.ft	215.29				
10.0000	Electrical Works							
10 (a)	Conduit, Boxes and Fitting		Ls	1.00				
10 (b)	Wires and Wiring Devices		Ls	1.00				
10 (c)	Lighting Fixture/ Fixture		Ls	1.00				
10 (d)	Panel Board and Cabinets		Ls	1.00				
E 10 (m)	Installation of Solar PV Panels Mounts		Ls	1.00				
E 10 (n)	Installation of Solar PV Modules, Devices and Accessories		Ls	1.00				
E10 (o)	Installation of Batteries and Accessories		Ls	1.00				
E10 (p)	Installation of Grounding System		Ls	1.00				
11.0000	Plumbing Works							
11 (a)	Waterline Works		ls	1.00				
12.0000	Sanitary Works							
12 (a)	Sewer Line Works		ls	1.00				
12 (b)	Sanitary/ Plumbing Fixtures		lot	1.00				
12 (c)	Three Chamber Septic Vault		lot	1.00				
13.0000	Painting Works							
13 (a)	Masonry Painting		sq.m	1,888.28				
13 (b)	Wooden Painting		sq.m	1,709.75				
13 (c)	Metal Painting		sq.m	650.00				
13 (d)	Scrapping and Re-sanding		sq.m	560.00				

Signature Box:

(Insert signature of authorized representative)

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
14.0000	Tile Works							
14a	Glazed Tiles, Granite Slab and Trims		sq.m	1,024.30				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	517.03				
14 (c)	SPC Flooring		sq.m	394.80				
15.0000	Waterproofing							
15a	Waterproofing Cement Base- Membrane Type		sq.m	196.36				
16.0000	Electronics and Communication Works							
16 (a)	Fire Detection and Alarm System		Ls	1.00				
16 (c)	Audio System (Pipe-In)		Ls	1.00				
16 (d)	Multimedia- LED WALL		Ls	1.00				
17.0000	Others							
17 (a)	Frameless Mirror Wall		sq.m	276.64				
17 (b)	Shower Enclosure		sq.m	37.80				
17 (c)	Stainless Steel Building Signage and Door Markers		lot	1.00				

Prepared by:

Contractor or Authorized Representative
Printed name and signature



Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION
 Wangal, La Trinidad, Benguet

PROGRAM OF WORKS
(TOTAL CONSTRUCTION COST/ ABC)

PROJECT: REPAIR AND EXTENSION OFFICE OF SNC BUILDING
LOCATION: DepED CAR Regional Office, Wangal La Trinidad, Benguet
OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 270 CD

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED	MARK-UPS		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED	
				DIRECT	IN PERCENT		%	VALUE			TOTAL	UNIT
				COST	OCM	PROFIT					COST	COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A	Facilities for the Engineer	-	0	-	0%							
A.1	Temporary Facilities	9.00	Month									
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot									
B.1.1	Fire Extinguisher 10lbs Capacity on Metal Bracket	13.00	sets									
B.2	Permits and Clearances	1.00	lot									
SPL1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	9.00	Month									
SPL 3	Provision of Fixtures and Equipment for the Engineers	1.00	Lumpsum									
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	L.s									
C.2	Removal of Structures and Obstruction	240.00	sq.m									
C.2	Removal of Existing Railings and Windows	1.00	lot									
1.0000	Earthworks											
1 (a)	Clearing and Grubbing	240.00	sq.m									
1 (b)	Demolition of Reinforced Concrete	9.20	cu.m									
1 (c)	Structural Excavation	103.58	cu.m									
1 (d)	Backfilling and Compaction	103.00	cu.m									
1 (e)	Gravel Bedding	2.37	cu.m									
2.0000	Concreting Works											
2 (a)	Structural Concrete (Footing and Slab on Fill)	44.03	cu.m									
2 (b)	Structural Concrete (Footing Tie Beam, Column/Pedestal, Slab, Suspended Slab, Girder/ Beam)	124.52	cu.m									
2 (c)	Structural Concrete (Steps)	54.00	cu.m									

Signature Box:

(Insert signature of authorized representative)

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED	MARK-UPS		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
				DIRECT	IN PERCENT		%	VALUE				
				COST	OCM	PROFIT						
3.0000	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	8,902.40	kgs									
3 (b)	Reinforcing Steel Bar, Grade 60	10,718.23	kgs									
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks and Scaffoldings	1,156.90	sq.m									
5.0000	Masonry Works											
5 (a)	Demolition of Masonry Wall	12.00	sq.m									
5 (b)	Masonry (150 mm CHB)	728.64	sq.m									
	Finishing Works											
5 (d)	Plain Cement Plaster Finish	1,457.28	sq.m									
5 (e)	Plain Cement Floor Finish	176.00	sq.m									
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	5.00	sets									
6 (b)	Removal of Window with Jamb	17.01	sq.m									
6 (c)	Panel Door	19.00	sets									
6 (d)	Sliding Reflective Glass Window with Insect Screen on S900 Aluminum Frame	61.47	sq.m									
6 (e)	Fixed Reflective Glass Window on S900 Aluminum Frame	27.88	sq.m									
6 (f)	Reflective Sliding Glass Window with 2- 0.60x1.40 and 2- 0.60x0.55m awning and 1.20m x 1.40m Sliding Window with Insect Screen on S900 Aluminum Frame	10.19	sq.m									
6 (g)	Reflective Sliding Glass Door with Insect Screen on S900 Aluminum Frame	8.40	sq.m									
6 (h)	3/8" thk Frosted Tempered Glass Door complete with mechanical silent door stopper	1.89	sq.m									
6 (i)	1/4" thk ReflectORIZED Seamless Glass Window	35.00	sq.m									
6 (j)	Water Pump with Accessories	1.00	lot									
7.0000	Steel Works											
7 (a)	Metal Structure Accessories (Railings)	3,276.00	kgs									
7 (b)	Metal Structure (I BEAM)	10,780.00	kgs									
7 (d)	Steel Deck	504.48	kgs									
7 (e)	Water Tank Stand- Metal Structure and Accessories (Angle Bar)	1,372.44	kgs									
7 (f)	Fabricated G.I Louvers	85.00	kgs									
8.0000	Roofing Works											
8 (a)	Fabricated Metal Roofing Accessory (Round Gutter)	80.00	sq.m									
8 (b)	PVC Sanitary Pipe 3"Ø x 3.0m	1.00	lot									
8 (c)	8mm thk Solid Poly Carbonate Roofing	25.00	sq.m									
9.0000	Ceiling and Carpentry Works											
9(a)	Gypsum Board 9mm thk on Metal Frame Ceiling	1,135.08	sq.m									

Signature Box:

(Insert signature of authorized representative)

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED	MARK-UPS		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
				DIRECT	IN PERCENT		%	VALUE				
				COST	OCM	PROFIT						
9(b)	Woodgrained PVC Ceiling Panel on Metal Frame Ceiling	183.61	sq.m									
9(c)	Fluted Wall Panel	84.40	sq.m									
9(d)	Laminated Board	148.50	sq.m									
9(e)	Fluted Panel on Metal Frame Ceiling	36.00	sq.m									
9(f)	2"x3" Wood S4S	680.00	bd.ft									
9(g)	P.U Mushroom Stone Wall Cladding/ Modern Stone Wall Cladding	138.80	sq.m									
9(h)	Phenolic Compact Board on Aluminum Frame	0.36	sq.m									
9(i)	Replacement for Damaged Wooden Trusses and Purlins	215.29	bd.ft									
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls									
10(b)	Wires and Wiring Devices	1.00	Ls									
10(c)	Lighting Fixture/ Fixture	1.00	Ls									
10 (d)	Panel Board and Cabinets	1.00	Ls									
E 10 (m)	Installation of Solar PV Panels Mounts	1.00	Ls									
E 10 (n)	Installation of Solar PV Modules, Devices and Accessories	1.00	Ls									
E10 (o)	Installation of Batteries and Accessories	1.00	Ls									
E10 (p)	Installation of Grounding System	1.00	Ls									
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls									
12.0000	Sanitary Works											
12 (a)	Sewer Line Works	1.00	Ls									
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls									
12 (c)	Three Chamber Septic Vault	1.00	Ls									
13.0000	Painting Works											
13 (a)	Masonry Painting	1,888.28	sq.m									
13 (b)	Wooden Painting	1,709.75	sq.m									
13 (c)	Metal Painting	650.00	sq.m									
13 (d)	Scrapping and Re-sanding	560.00	sq.m									
	Tile Works											
14 (a)	Tile Works	1,024.30	sq.m									
14(b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	517.03	sq.m									
14(c)	SPC Flooring	394.80	sq.m									
15.0000	Waterproofing	-	0	-	0%							
15 (a)	Waterproofing Cement Base- Membrane Type	196.36	sq.m									
16.0000	Electronics and Communication Works											
16 (a)	Fire Detection and Alarm System	1.00	lot									
16 (c)	Audio System (Pipe-In)	1.00	lot									
16 (d)	Multimedia- LED WALL	1.00	lot									
17.0000	Others											
17 (a)	Frameless Mirror Wall	276.64	sq.m									

Signature Box:

(Insert signature of authorized representative)

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED	MARK-UPS		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
				DIRECT	IN PERCENT		%	VALUE				
				COST	OCM	PROFIT						
17 (b)	Shower Enclosure	37.80	sq.m									
17 (c)	Stainless Steel Building Signage and Door Markers	1.00	lot									
TOTAL CONSTRUCTION COST												

Prepared by:

Contractor or Authorized Representative
Printed name and signature

Section IX. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

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

Financial Documents

- (i) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- (j) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

- (l) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (m) Duly accomplished Detailed Estimates Form:
- 1.1 Program of Works,
 - 1.2 Bill of Quantities,
 - 1.3 Detailed Unit Price Analysis (DUPA)
 - 1.4 Summary sheet indicating the unit prices of:
 - a. construction materials,
 - b. labor rates,
 - c. equipment rentals
- used in coming up with the Bid; **and**
- (n) Cash Flow by **Monthly**.

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*

[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

Date : _____

Project Identification No. _____ :

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 guidelines¹ for this purpose;

- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of:

Date: _____

¹ currently based on GPPB Resolution No. 09-2020

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]



**Republic of the Philippines
Department of Education
Cordillera Administrative Region
Wangal, La Trinidad, Benguet**

Site Inspection Certificate

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that _____ of _____ appeared for site inspection in relation to the **Repair and Extension of SNC Building in DepEd-CAR Regional Office, Wangal, La Trinidad, Benguet.**

Issued this _____ day of _____, 2024.

signature over printed name
Position: _____
Date: _____

BIDDER's Organizational Structure for the Contract

Submit a Copy of the Organizational Chart that the Bidder intends to use to execute the Contract if awarded to him. Indicate in the chart the names of the Key Personnel required as stated in the Bid Data Sheet.

Attach the Proposed Functional Organizational Structure for the Contract as stated above.

Certified by: _____

(Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

BIDDER’S CERTIFICATION ON THE EQUIPMENT FOR THE CONTRACT

In compliance with the requirements for the bidding of the (Name of the Contract), this is to certify as true and correct, the following information:

We submit the enclosed List of Bidder’s Major Equipment Units Pledged to the Contract and certify that availability of said equipment listed therein which are owned, leased or under purchased agreement for the whole duration of the project;

We further certify and/or ensure that the all listed equipment are in good working/ operating condition;

We understand that any violation of the above-stated conditions shall be a sufficient ground for us to be disqualified from this Contract and future biddings of the Department of Education Regional Office- CAR.

Certified by: _____

(Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

LIST OF EQUIPMENT, OWNED OR LEASED AND/OR UNDER PURCHASE AGREEMENT, PLEDGED TO THE PROPOSED CONTRACT

BIDDER'S NAME : _____
 OFFICE ADDRESS : _____

Description	Model/Year	Capacity/ Performance/ Size	Plate No.	Motor No./ Body No.	Location	Conditio n	Proof of Ownership / Lease/ Purchase
A. Owned							
I.							
II.							
III.							
IV.							
V.							

B. Leased							
I.							
II.							
III.							
IV.							
V.							

C. Under Purchase Agreement							
I.							
II.							
III.							
IV.							
V.							

Note: This List must be supported by proof of ownership, lease and/or purchase agreement. For lease and purchase agreement, proof of ownership from the lessor or certification of availability of equipment from the vendor for the duration of the project.

Certified by: _____

(Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

LIST OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT:

Business Name : _____
 Business Address : _____

Key Personnel Position				
1. Name				
2. Address				
3. Date of Birth				
4. Employed Since				
5. Relevant Experience (a) Description (b) Number of years				
6. Previous Employment				
7. Education				
8. PRC License/ Accreditation from DOLE-OHSC (for the Health and Safety Officer)				
9. Cost of Biggest Project Handled				
10. Years of Experience in the Proposed Position				

Note: This List must be supported by individual resumes/Biodata of all personnel and photocopy of PRC Licenses/National Certificate of the Employees.

Certified by: _____
 (Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

STATEMENT OF ALL ONGOING GOVERNMENT CONTRACTS

Business Name: _____

Business Address: _____

Contract			Owner		Nature of Work	Contract's Role		Total Contract Value at Award	Estimated Completion Time	Estimated Contract Value at Completion	% of Accomplishment		Value of Outstanding Works
Name	Date	Duration	Name	Address		Description	% of Participation				Planned	Actual	
Total													

*Provide Additional sheets if Necessary

Note: This Statement shall be supported with:

1. Notice of Award and/or Contract
2. Notice to Proceed
3. Certificate of Accomplishments signed by the owner or owner's representative.

Certified by: _____
(Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

STATEMENT OF ALL ONGOING PRIVATE CONTRACTS

Business Name: _____

Business Address: _____

Contract			Owner		Nature of Work	Contract's Role		Total Contract Value at Award	Estimated Completion Time	Estimated Contract Value at Completion	% of Accomplishment		Value of Outstanding Works
Name	Date	Duration	Name	Address		Description	% of Participation				Planned	Actual	
1													
2													
3													
												Total	

*Provide Additional sheets if Necessary

Note: This Statement shall be supported with:

1. Notice of Award and/or Contract and/or Notice to Proceed
2. Certificate of Accomplishments signed by the owner or owner's representative.

Submitted by: _____
 (Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS AWARDED BUT NOT YET STARTED

Business Name: _____

Business Address: _____

Name of Contract/ Location Project Cost	a. Owner Name b. Address c. Contact No/s.	Nature of Work	Contract's Role		a. Date Awarded b. Date Started c. Date of Completion	% Accomplishment		Value of Outstanding Works
			Description	%		Planned	Actual	
Government								
Private								

Note: This statement shall be supported by:

*Any of the following (Notice of Award/Contract/Notice to Proceed; and

1. State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project for bidding) as of: (the day before the deadline for submission of bids)
2. If there is no ongoing contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.

Submitted by: _____
(Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

**STATEMENT OF THE SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO
BE BID**

Business Name: _____

Business Address: _____

Name of Contract	a. Owner Name b. Address c. Contact No/s.	Nature of Work	Contractor's Role		a. Amount of Award b. Amount of Completion	a. Date Awarded b. Date Completed
			Description	%		
Government						
Private						

Note: This statement shall be supported by:

1. Notice of Award and/or Notice to Proceed
2. Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor's Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory. In case of contracts with the private sector, an equivalent document shall be submitted.

Submitted by: _____
(Printed Name & Signature of Authorized Representative)

Designation: _____

Date: _____

