

**INVITATION FOR
NEGOTIATED PROCUREMENT – TWO FAILED BIDDINGS**

Completion of Three (3) Storey DSWD-CAR RSCC Building

In view of the two (2) failed Public Biddings and in accordance with Section 53.1 of the revised Implementing Rules and Regulations of the Republic Act 9184, otherwise known as the “Government Procurement Reform Act”, the **Department of Social Welfare and Development - Cordillera Administrative Region (DSWD-CAR)**, through its **Bids and Awards Committee (BAC)** now invites PhilGEPS registered and interested suppliers to participate in the negotiation for the procurement of the project, **Completion of Three (3) Storey DSWD-CAR RSCC Building (NP-DSWD-CAR-2022-08)**.

The Approved Budget for the Contract (ABC) is *Twenty-Nine Million Two Hundred Fifty-Seven Thousand Seven Hundred Twenty-Two Pesos (Php29,257,722.00)*.

Completion of the Works is required within **Two Hundred Forty (240) Calendar Days upon receipt of Notice to Proceed**. Bidders should have completed a contract similar to the Project **within five (5) years upon submission and receipt of bids**. For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:

- *Construction or Improvement of at least 3-Storey Buildings*

Bidders must inspect the construction site located at **Puguis, La Trinidad, Benguet**. A **Certificate of Site Inspection** shall be issued to the interested bidders as form part of the technical documents.

The Procuring Entity has prescribed that:

- Subcontracting is allowed. The portions of project and the maximum percentage allowed to be subcontracted as follows, which shall not exceed fifty percent (50%) of the contracted Works:
 - ✓ Installation of all **MEPF** (*Mechanical-Electrical-Plumbing-Fire Protection*) and **FDAS** (*Fire Detection and Alarm System*) **WORKS**, specifically:
 1. Design, Installation, Testing and Commissioning of Hydraulic Elevator System
 2. Design, Installation, Testing and Commissioning of Fire Detection and Alarm System
 3. Design, Installation, Testing and Commissioning of Fire Sprinkler System
 4. Design, Installation, Testing and Commissioning of Generator Set/Back-up Power System

A valid **PCAB License** is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. **PCAB license should be at least “small b” as to size range and/or at least C or D as to license category.**

The key personnel must meet the required minimum years of experience set below:

Personnel	General Experience	Relevant Experience
Project Manager	at least 5 years in project management practice	at least 5 years experience in architecture practice and in building construction of at least 3-storey in height
Resident Architect	at least 3 years experience in architectural design and site planning practice	at least 3 years in specializing architectural interiors, fit-outs and exterior construction.

Resident Civil Engineer	at least 3 years experience in civil engineering practice	at least 3 years in project supervision of vertical structures of at least 3-storey in height
Electrical Engineer	at least 3 years experience in electrical works in construction supervision	at least 3 years experience in electrical works in building construction of at least 3-storey in height
Electronics Communications Engineer	at least 3 years experience in electronics communications engineering practice	at least 3 years experience in FDAS and intercommunication design and construction
Mechanical Engineer	at least 3 years experience in mechanical engineering practice	at least 3 years experience in conveying systems and fire protection system works.
Sanitary Engineer or Registered Master Plumber	at least 3 years experience	at least 3 years relevant experience
Safety Officer	at least 3 years experience in safety management	at least 3 years experience as Safety Officer III in building construction
Project Foreman	at least 2 years experience in building construction	at least 2 years experience in building construction of at least 3-storey in height
Welder	at least 2 years experience in welding and hot works	at least 2 years experience in welding/hot works & must be TESDA Accredited – NC II

Note: key personnel should be equipped with the appropriate license/s and/or documents.

The minimum major equipment requirements are the following:

Equipment	Capacity	Number of Units
Mini Dump Truck	at least 2 cubic meters	at least one (1)
Speed Cutter	14 inches	at least one (1)
Welding Machine	300 amps	at least three (3)
Heavy Duty Chain Block	5 Tonner	at least two (2)
Acetylene & Oxygen Tank		at least two (2)
Portable Welding Machine		at least one (1)
Power Trowel		at least two (2)

For more details of this project, please refer to the following:

- **Bill of Quantities**
- **General Specifications**
- **Plans/Drawings**
- **Material Specifications**

1. **The schedule of procurement activities:**

<i>Activities</i>	<i>Date and Time</i>
Availability of the Invitation for NP-Two Failed Biddings	08 December 2022 to 15 December 2022
Negotiation Conference at DSWD premises and through video conferencing or Google Meet with meeting ID/Link as https://meet.google.com/uub-qmhs-rsr	12 December 2022, 1:00 PM
Issuance of Amendments / Clarifications / Addendum, if any	12 December 2022
Deadline for Submission of Bids	15 December 2022, 12:00NN
Opening of Bids and DSWD premises and through Google Meet with meeting ID/Link https://meet.google.com/vzd-vvwm-dci	15 December 2022, 1:30PM

- **Cost of Bidding Documents: No fees will be collected**

2. The **Department of Social Welfare and Development - Cordillera Administrative Region (DSWD-CAR)** 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 Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

3. For further information, please refer to the following:

DSWD-CAR Bids and Awards Committee

c/o THE BAC SECRETARIAT

DSWD-CAR, 40 North Drive, Baguio City

E-Mail: bacsec.car@dswd.gov.ph

Tel. No. (074) 661-0430 local 25025

Mobile Numbers: Globe: 0915-151-9259 and Smart: 0963-610-9340

-SGD-

ENGR. ENRIQUE H. GASCON JR.

Chairperson, Bids and Awards Committee

OTHER TERMS AND CONDITIONS

CONTRACTOR'S QUALIFICATIONS

Contractor shall be competent and experienced in the field of Construction with a minimum of five (5) years' experience.
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Contractor's Working Hours

- a. All normal work for this contract shall be performed during normal daylight hours. Any exceptions will require the written approval of the assigned Officer/BGMS Project Engineer
- b. If work is required overnight, the Contractor will be requires to furnish safe, proper and sufficient lighting arrangement if necessary.

Contractor's Responsibilities

- a. Contractor shall submit own construction schedule within ten(10) working days upon receipt of notice to proceed;
- b. Contractor/Service provider shall assign project foreman from the start until completion stage
- c. Contractor/Service provider shall coordinate with BGMS all the execution of works;
- d. Contractor/Service provider shall provide warning signages, project log book;
- e. Contractor/Service provider shall submit Statement of works accomplished and progress photos as requirement of the billing request ;
- f. All assigned key personnel shall be physically present at the site throughout the entire duration of the project or working hours

Other Requirements

- a. All dimensions/level etc. indicated in the drawing plans are to be verified on the site;
- b. All materials is subjected for approval of the End user/ BGMS Project Engineer;
- c. Any discrepancies, either between written dimensions and site dimensions shall be brought to BGMS office before executing the works.
- d. A **site inspection** shall be required to determine the location and extent of works for the project. A Certificate of Site Inspection issued by the procuring entity shall be submitted as part of the bidding documents

The Eligibility and Technical Documents will be composed of the following:

- i. Valid PhilGEPS Registration Certificate (Platinum Membership), **ALL** pages in accordance with Section 8.5.2 of the IRR;
- ii. The statement of all ongoing government and private contracts, including the contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (**Annex A**);
- iii. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules (**Annex B**);
- iv. 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 (**Annex C**)
- v. Original duly signed Omnibus Sworn Statement (OSS), (**Annex D**)
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.
- vi. **Net Financial Contracting Capacity (NFCC)**, (**Annex E**);
- vii. Joint Venture Agreement, if applicable;
- viii. Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid; (**Annex F**)
 - 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; (**Annex G**)
 - 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; (**Annex H**)

Note: Other eligibility/Legal documents will be validated during the post-qualification stage.

The Financial Proposal:

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

ANNEX A

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

Name of the contract or Title of the Project	Owners Name and Address	Nature of Work / Scope of Work	Contractor's Role and percentage of participation	Date of Contract	Total Contract Value at Award	Value of Outstanding Works	Contract Duration	Percentage (%) of Accomplishment		Estimated Time of Completion	
								Planned	Actual	Start	Completion
A) Government Contracts											
i. On-going											
ii. Awarded but not yet started											
B) Private Contracts											
i. On-going											
ii. Awarded but not yet started											

Note: This statement shall be supported with:

1. Contract Agreement and/or Purchase Order
2. Notice to Proceed (for government contracts under Public Bidding)

Name of Firm/Applicant

Authorized Signatory

Date:

ANNEX B

STATEMENT OF SINGLE LARGEST SIMILAR COMPLETED CONTRACT

Business Name: _____

Business Address: _____

Name of Contract/Title of the Project	A. Owner's Name B. Address C. Telephone Nos.	Date of the Contract	Contract Duration	Nature / Scope of Work	Contractor's Role (Whether sole Contractor, Subcontractor, or partner in a JV)		Total Contract Value at Award	Date of Completion	Total contract value at completion	Percentage of Planned and Actual Accomplishments, if applicable	
					Description	Percentage of Participation (%)				Planned	Actual
<u>Government Contracts</u>											
<u>Private Contracts</u>											
Total Cost											

Note: This statement shall be supported with:

1. Notice to Proceed and/or Purchase Order/Contract
2. Owner's Certificate of Final Acceptance issued by the project owner other than the contractor or a final rating of at least **Satisfactory** in the Constructors Performance Evaluation System (CPES).
3. In case of contracts with the private sector, an equivalent document shall be submitted

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____

Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

BID SECURING DECLARATION

Project Identification No.: *[Insert number]*

To: *[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]

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]

]

FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the income tax return and audited financial statement for FY2021, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent.

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

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project.

NFCC = P _____

I hereby certify that the computation of the above is based on the income tax return and audited financial statement for FY2021 stamped "RECEIVED" by the BIR or BIR authorized collecting agent.

Submitted by:

Name of Firm / Contractor

Signature of Authorized Representative

Date : _____

NOTE:

1. If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.

DSWD-CAR

Standard Form Number: SF-INFR-44 Revised on:
August 11, 2004

Contractor's Organizational Chart for the Firm

Submit Copy of the Organizational Chart of the firm. Indicate in the chart the names of the Project Manager, Project Engineer, Bridge Engineer, Structural Engineer, Materials and Quality Control Engineer, Foreman and other Key Engineering Personnel.

Attach the required Proposed Organizational Chart for the Contract as stated above

(Name of Representative)

(Position)

(Name of Bidder)

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

Qualification of Key Personnel

Business Name : _____
 Business Address : _____

	(For Ex.) Project Manager / Engineer					
1 Name						
2 Address						
3 Date of Birth						
4 Employed Since						
5 Experience						
6 Previous Employment						
7 Education						
8 PRC License						

Minimum Requirements :

:
:
:

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

KEY PERSONNEL (FORMAT OF BIO-DATA)

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

- Authorized Managing Officer / Representative
- Sustained Technical Employee

1. Name : _____
2. Date of Birth : _____
3. Nationality : _____
4. Education and Degrees : _____
5. Specialty : _____
6. Registration : _____
7. Length of Service with the Firm : _____ Year from _____(months)_____(year)
 To _____(months)_____(year)
8. Years of Experience : _____
9. If Item 7 is less than ten (10) years, give name and length of service with previous employers for a ten (10)-year period (attached additional sheet/s), if necessary:

Name and Address of Employer

Length of Service

_____	_____ year(s) from	_____ to	_____
_____	_____ year(s) from	_____ to	_____
_____	_____ year(s) from	_____ to	_____

10. Experience:

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

1. Name : _____
2. Name and Address of Owner : _____
3. Name and Address of the
Owner's Engineer : _____
(Consultant)
4. Indicate the Features of Project (particulars of
the project components and any other
particular interest connected with the project):

5. Contract Amount Expressed in Philippine
Currency : _____
6. Position : _____
7. Structures for which the employee was
responsible : _____
8. Assignment Period : from _____(months) _____(years)
to _____(months) _____(years)

Name and Signature of Employee

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

(Place and Date)

(The Authorized Representative)

Annex H

Standard Form Number: SF-INFR-18

Revised on: July 29, 2004

**Statement of Availability of Key Personnel and
Equipment**

(Date)

Mr. LEO L. QUINTILLA, CESE

Regional Director
DSWD-CAR
40 North Drive, Baguio City

Attention : The Chairperson
Bids and Awards Committee

Dear Sir:

In compliance with the requirements of the DSWD-CAR BAC for the bidding of the (Name of the Contract), we certify that (Name of the Bidder) has in its employ key personnel, such as project managers, project engineers, materials engineers and foremen, who may be engaged for the construction of the said contract.

Further, we likewise certify the availability of equipment that (Name of the Bidder) owns, has under lease, and/or has under purchase agreements, that may be used for the construction contracts.

Very truly yours,

(Name of Representative) (Position)
(Name of Bidder)

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 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;

¹ currently based on GPPB Resolution No. 09-2020

- 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: _____

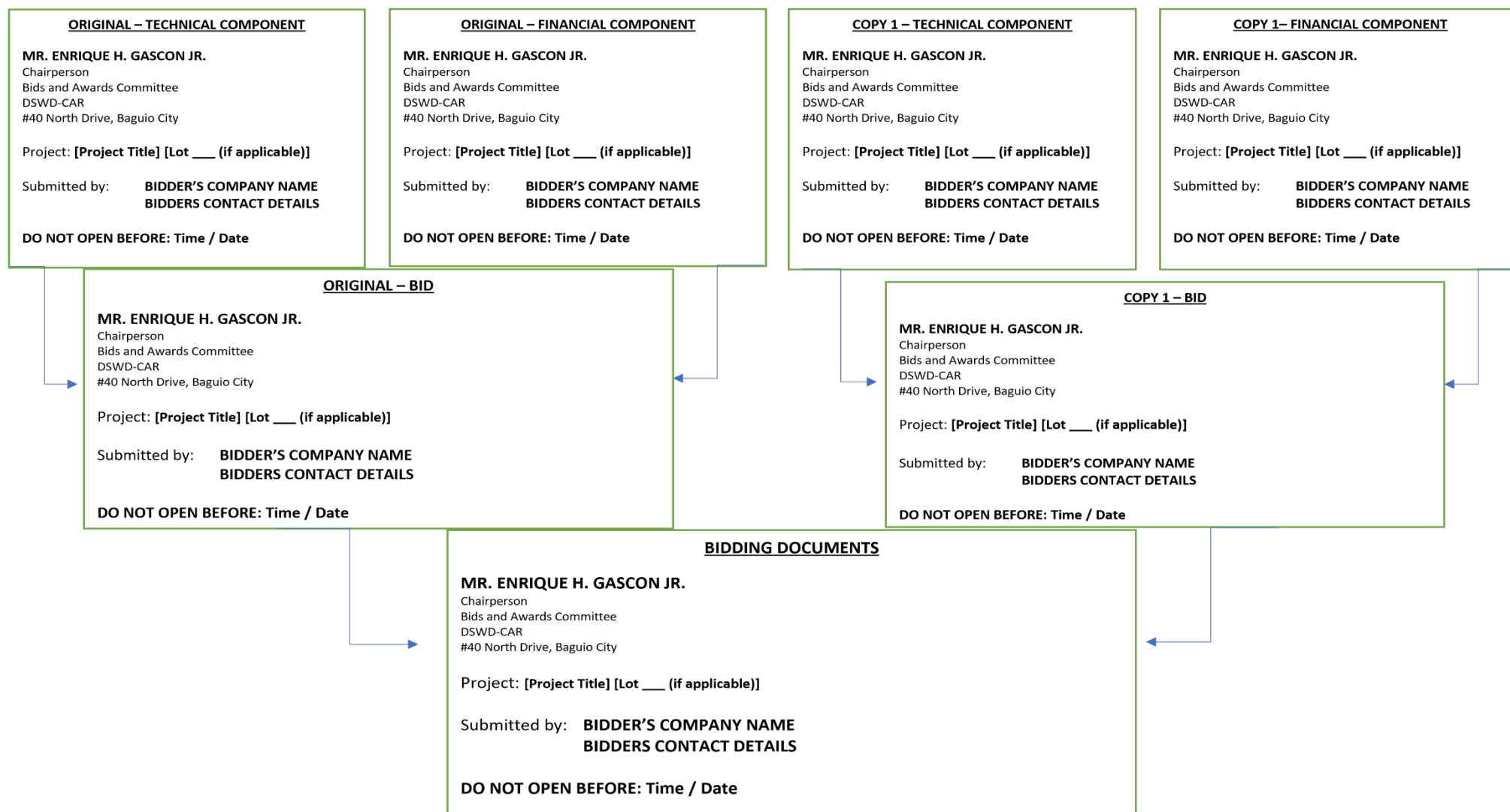
Legal Capacity: _____

Signature: _____

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

Date: _____

MARKING AND SEALING OF ENVELOPE:



Note: The technical and financial documents must be submitted in two (2) copies (Original Copy and Copy 1). The Original Technical Component envelope and Original Financial Component envelope must be sealed in one envelope marked "ORIGINAL BID". The Copy 1 Technical Component envelope and Copy 1 Financial Component Envelope must also be sealed in another envelope marked "Copy 1 Bid". These envelopes containing the Original Copy and Copy 1 must be enclosed in one single envelope marked "BIDDING DOCUMENTS". The technical and financial documents must be properly tabbed and signed.

LOT TECHNICAL DESCRIPTION

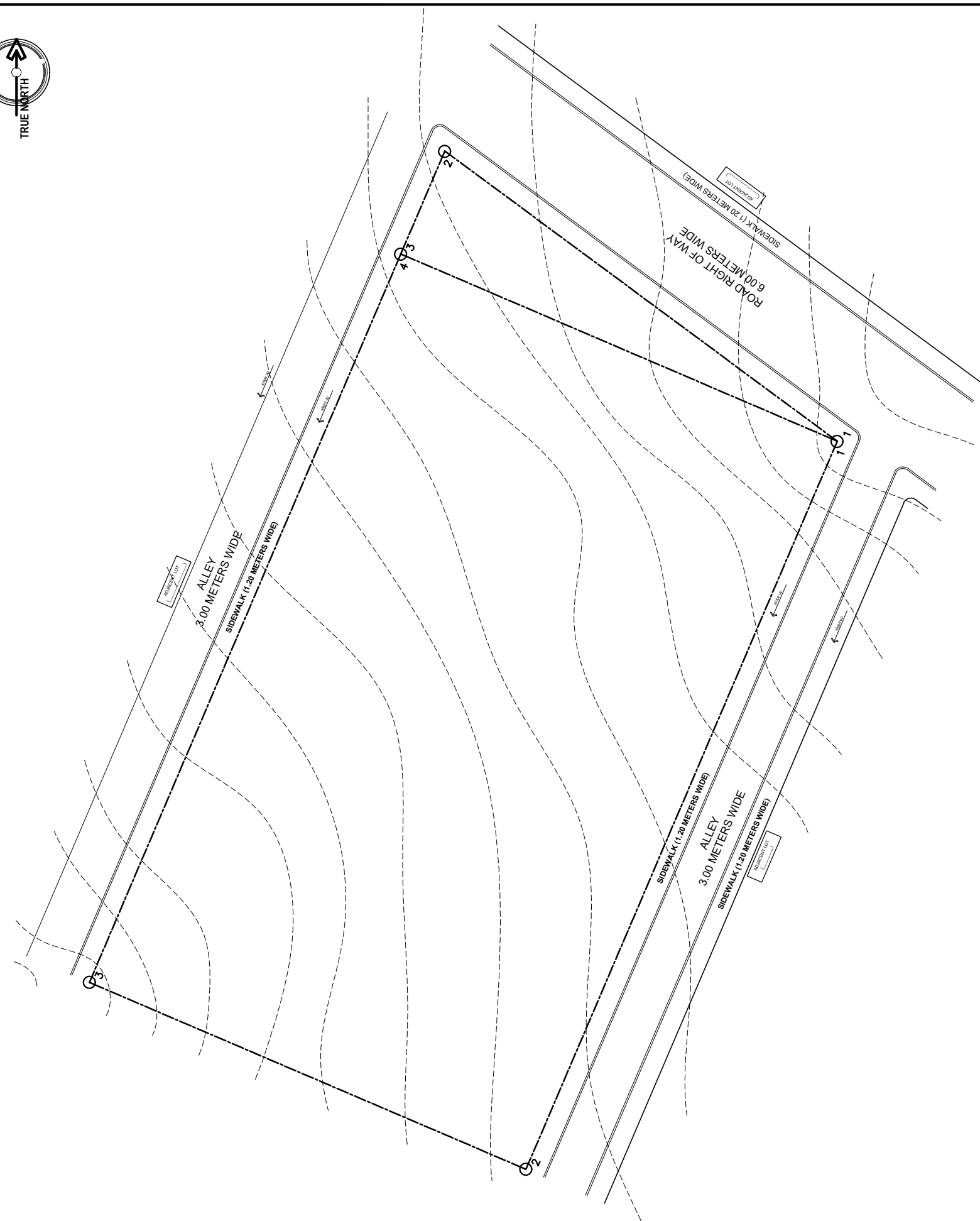
LOT - I= 1,500 Sq.m

LINE	BEARING	DISTANCE(m)
1-2	S 23° 05' W	50.00m
2-3	N 66° 55' W	30.00m
3-4	N 23° 05' E	50.00m
4-1	S 66° 55' E	30.00m

LOT - II= 100 Sq.m

LINE	BEARING	DISTANCE(m)
1-2	S 53° 36' E	30.89m
2-3	N 23° 08' E	6.64m
3-1	N 66° 01' W	30.07m

TOTAL AREA= 1,600 Sq.m



NOTE: ALL DIMENSIONS MUST BE
VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :

COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :

DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :

LOT PLAN
TECHNICAL DESCRIPTION

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-3	A3

LOT PLAN
SCALE 1:300M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
 COMPLETION OF THREE (3) STOREY
 DSWD-CAR RECEPTION AND
 STUDY CENTER FOR CHILDREN
 (RSCC) BUILDING

LOCATION :
 DSWD - RECEPTION AND STUDY
 CENTER FOR CHILDREN, PUGUIS, LA
 TRINIDAD, BENGUET

SHEET CONTENT :
 RSCC BUILDING SITE DEVELOPMENT PLAN

APPROVED BY
 LEO L. QUINTILLA
 Regional Director

CONFORMED BY
 AMELYN P. CABRERA
 OIC-ARD for Operations

CHECKED BY
 RICHARD A. REAMICO
 Administrative Officer I, BGMS Head

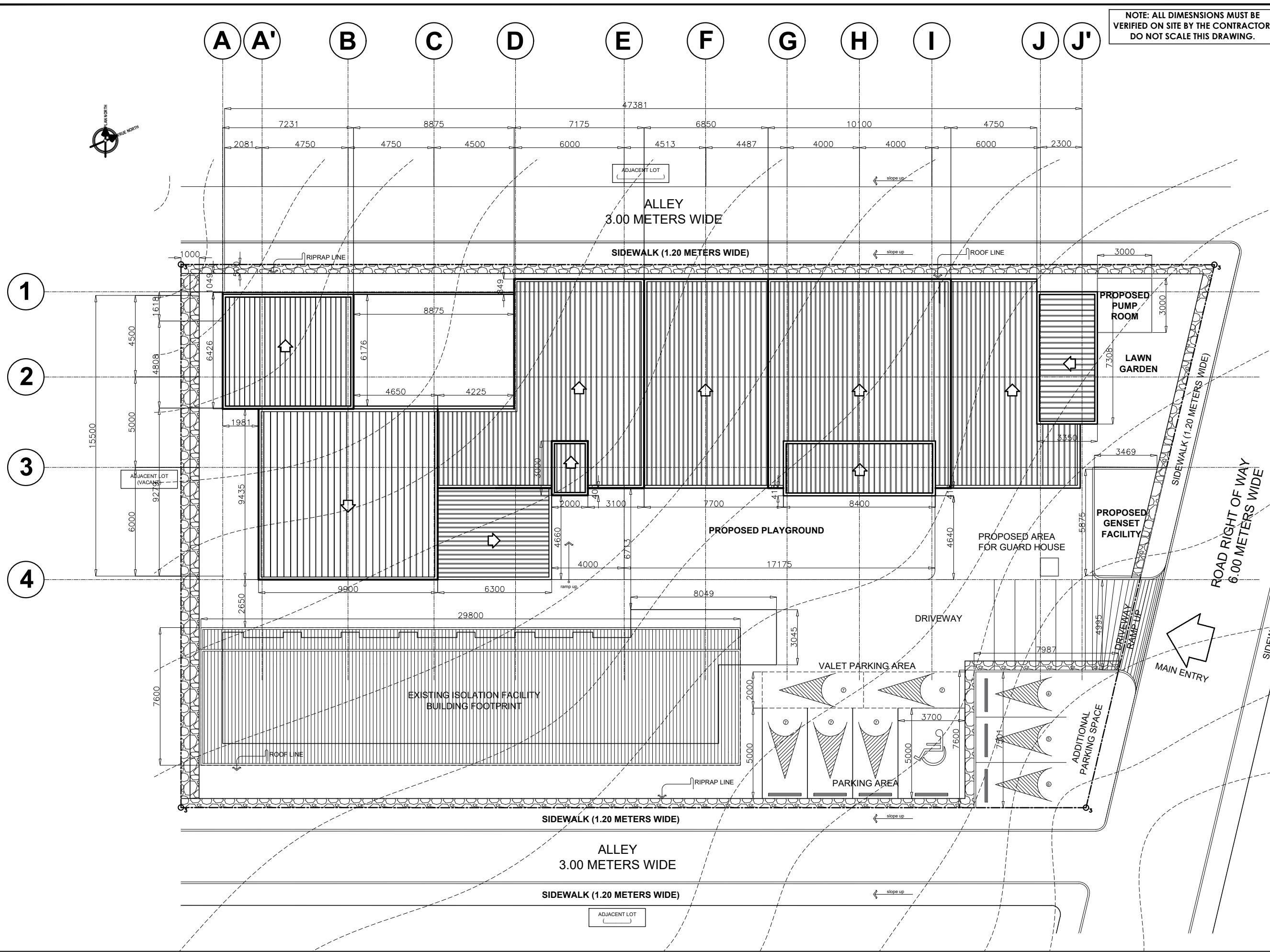
PREPARED/DESIGNED BY
 JIMMY M. MAYORES
 Architect I, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY **SHEET NUMBER** **PAPER SIZE**
 A A-5 A3



1
A 4
RSCC BUILDING SITE DEVELOPMENT PLAN
 SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021**

PROJECT NAME:
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION:
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT:
GROUND FLOOR PLAN

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

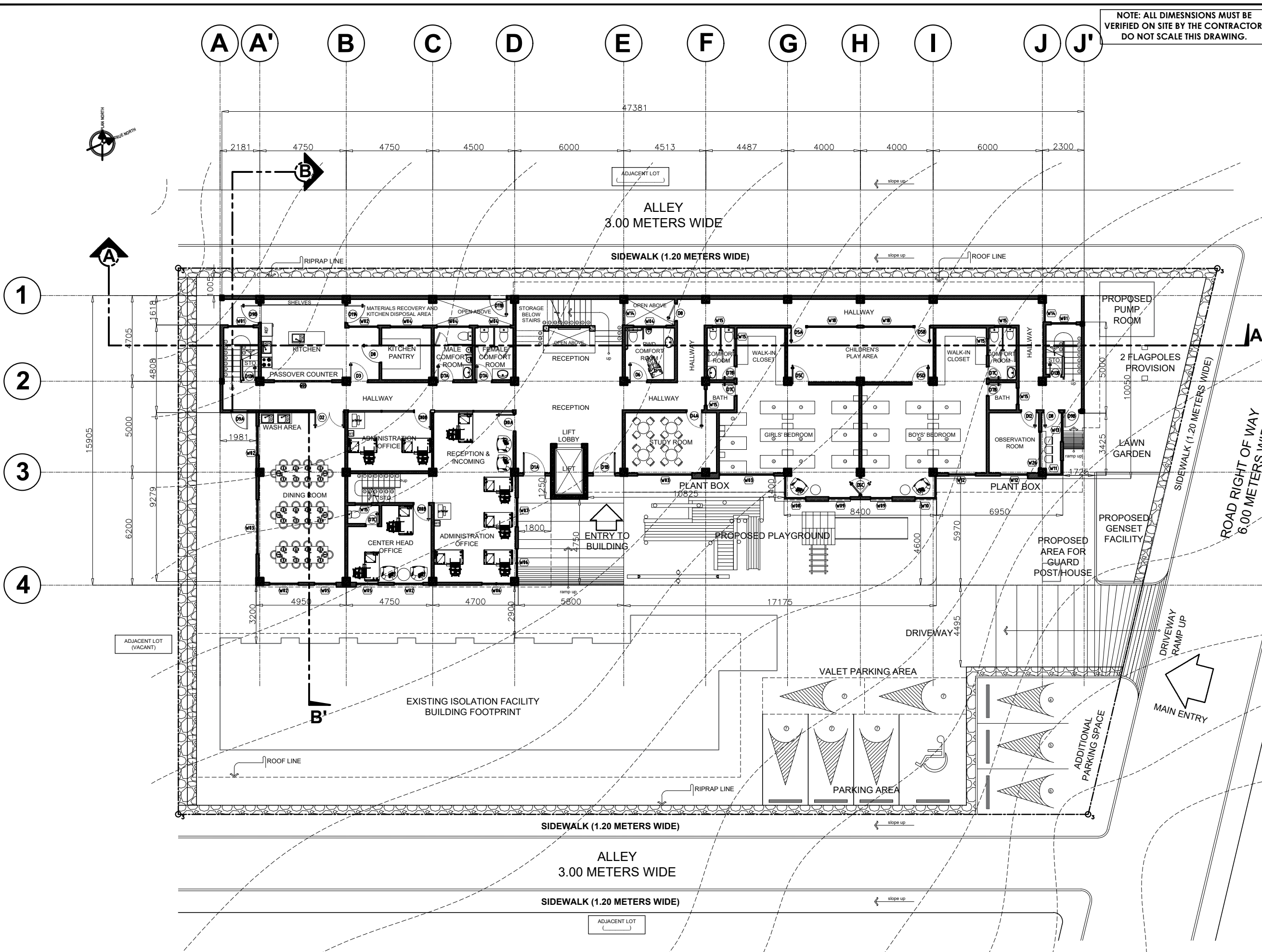
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-6	A3



1
GROUND FLOOR PLAN
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
SECOND FLOOR PLAN

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

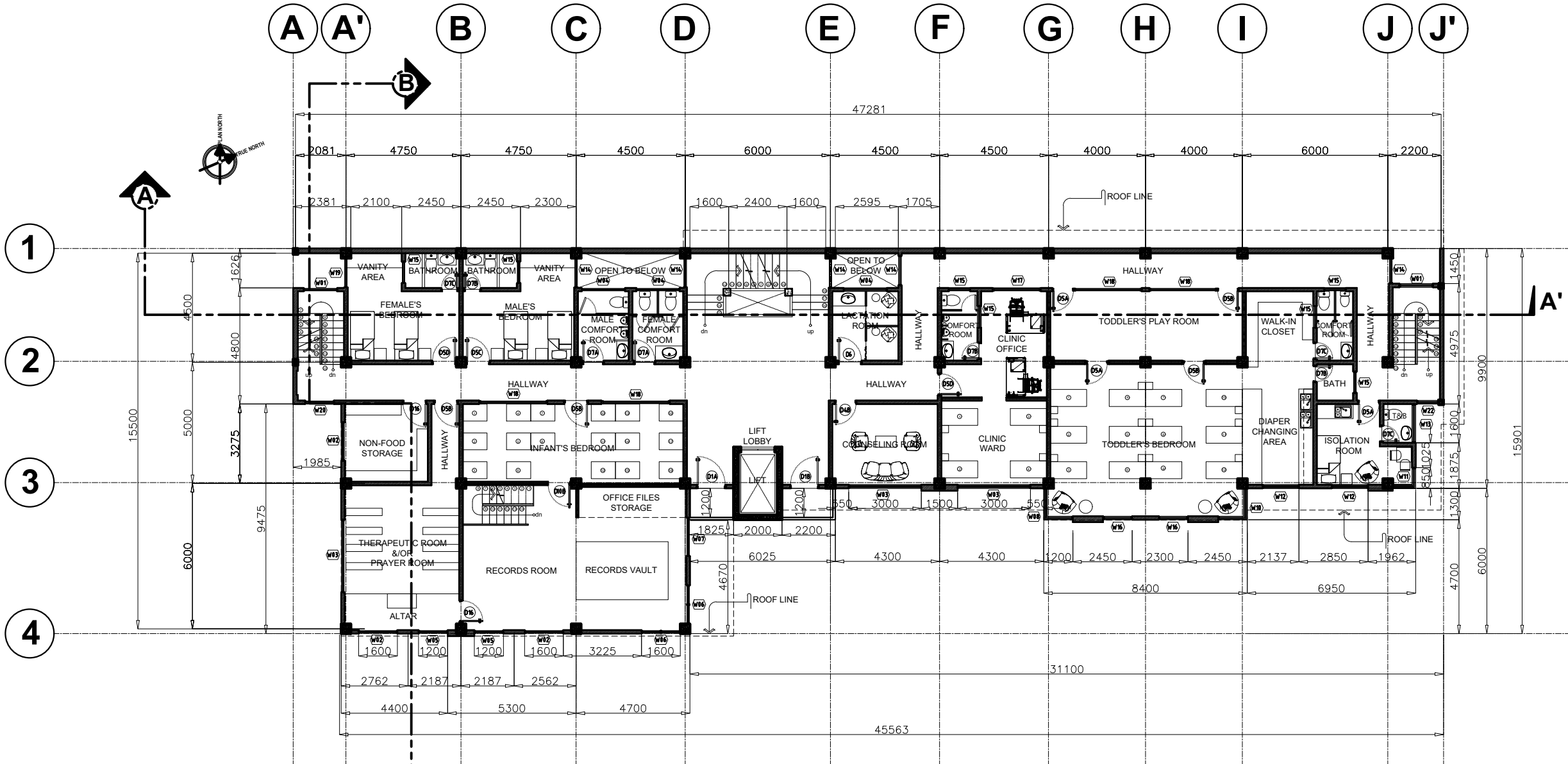
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-7	A3



1
A 6
SCALE 1:200M
SECOND FLOOR PLAN

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
THIRD FLOOR PLAN

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

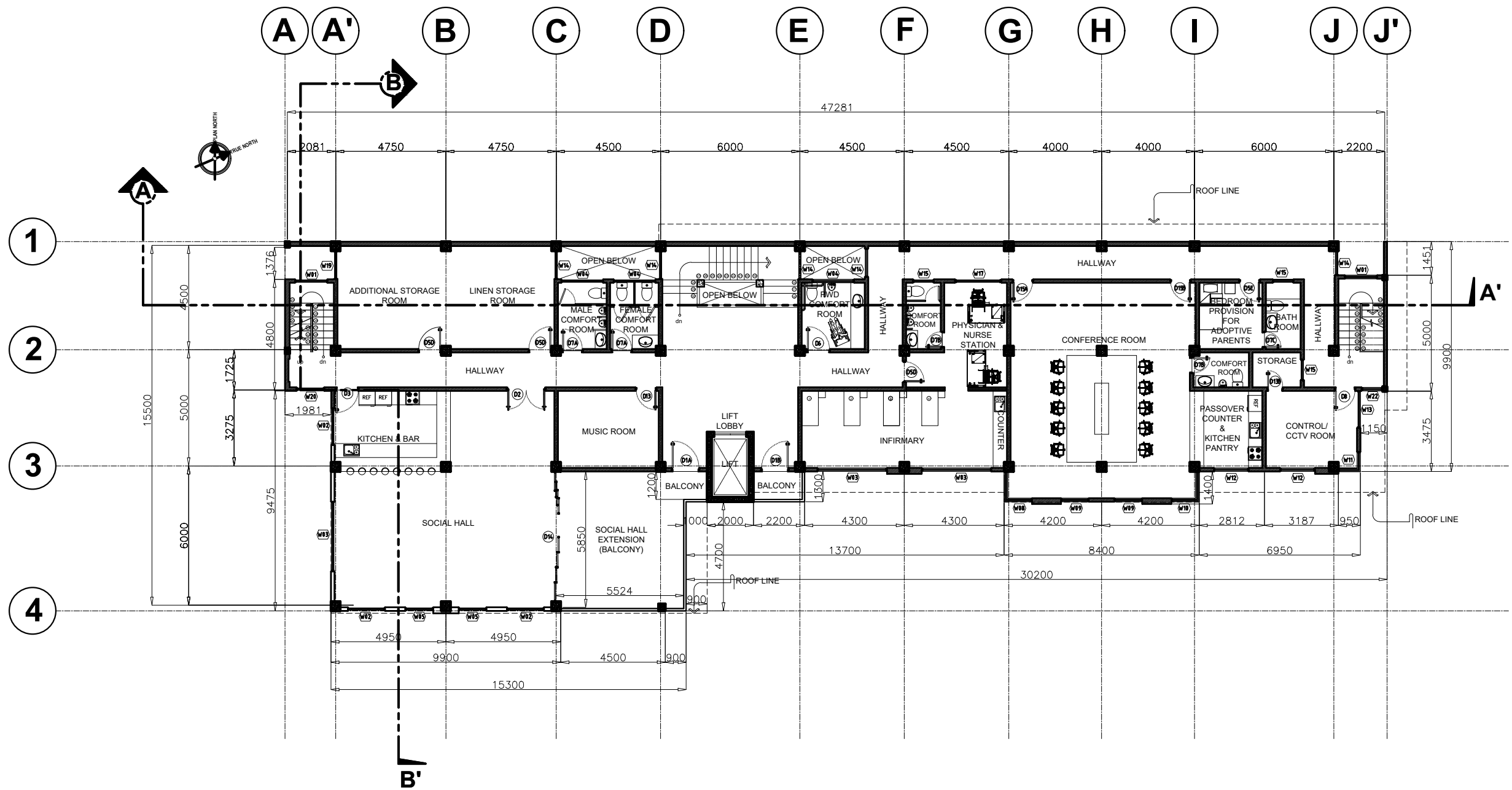
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY



THIRD FLOOR PLAN
 SCALE 1:200M

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-8	A3

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
ROOF DECK PLAN

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

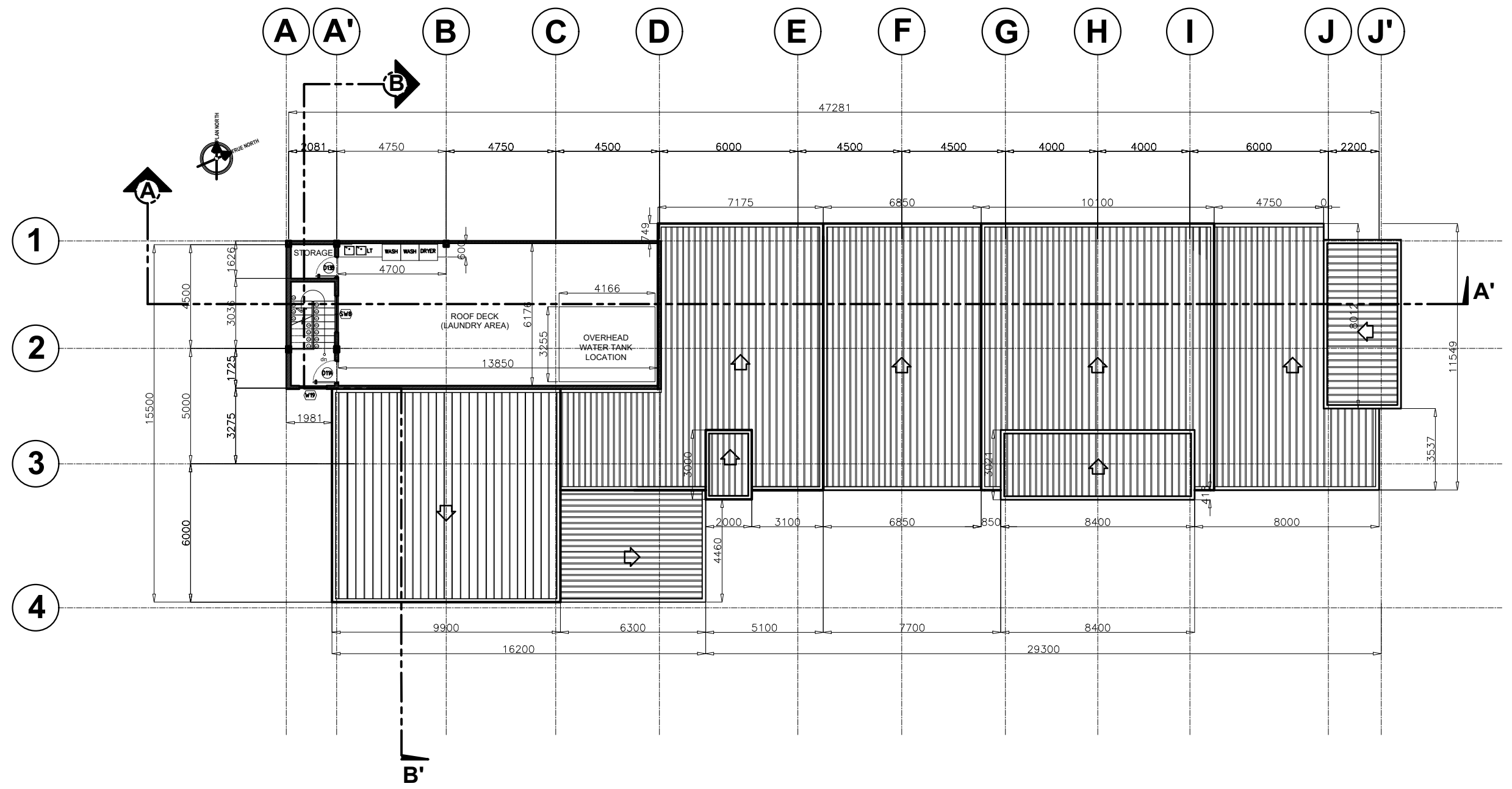
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-9	A3



1
A B SCALE 1:200M
ROOF DECK PLAN

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
 COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
 DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
 ROOF PLAN

APPROVED BY
 LEO L. QUINTILLA
 Regional Director

CONFORMED BY
 AMELYN P. CABRERA
 OIC-ARD for Operations

CHECKED BY
 RICHARD A. REAMICO
 Administrative Officer I, BGMS Head

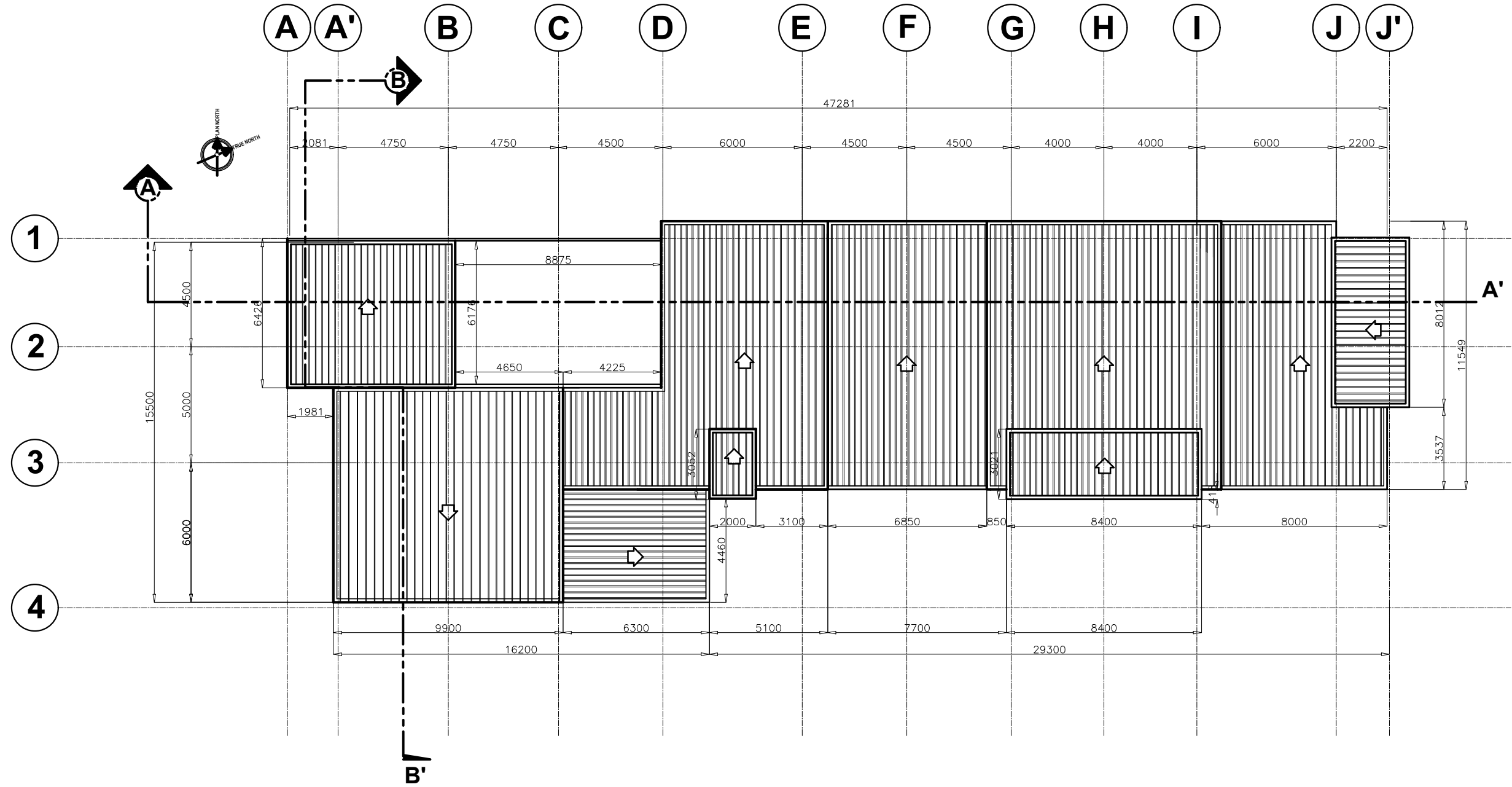
PREPARED/DESIGNED BY
 JIMMY M. MAYORES
 Architect I, BGMS

PROJECT/TA No:
 DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-10	A3



ROOF PLAN
 SCALE 1:200M

PROJECT NAME :
 COMPLETION OF THREE (3) STOREY
 DSWD-CAR RECEPTION AND
 STUDY CENTER FOR CHILDREN
 (RSCC) BUILDING

LOCATION :
 DSWD - RECEPTION AND STUDY
 CENTER FOR CHILDREN, PUGUIS, LA
 TRINIDAD, BENGUET

SHEET CONTENT :
 ARCHITECTURAL EXTERIOR
 MATERIAL ID
 FRONT ELEVATION

APPROVED BY

LEO L. QUINTILLA
 Regional Director

CONFORMED BY

AMELYN P. CABRERA
 OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
 Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
 Architect I, BGMS

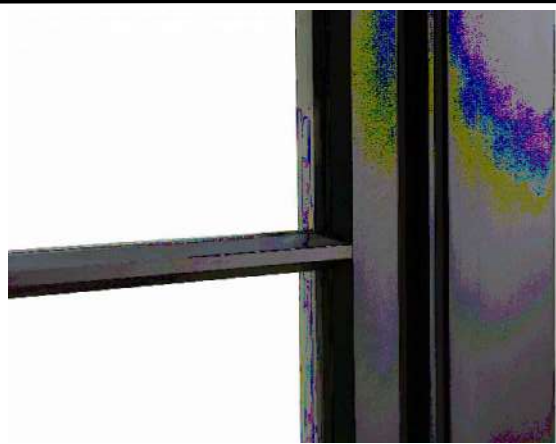
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

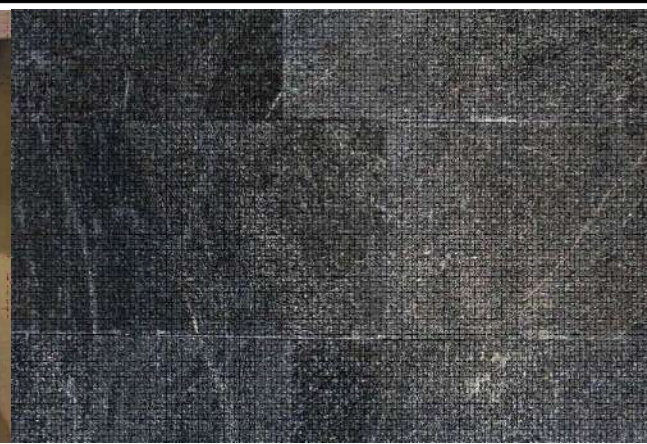
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-11	A3



BLACK ANODIZED ALUMINUM METAL



STAINLESS STEEL SIGNAGES



DECORATIVE EXTERIOR STONE CLADDING



DARK GRAY STUCCO FINISH



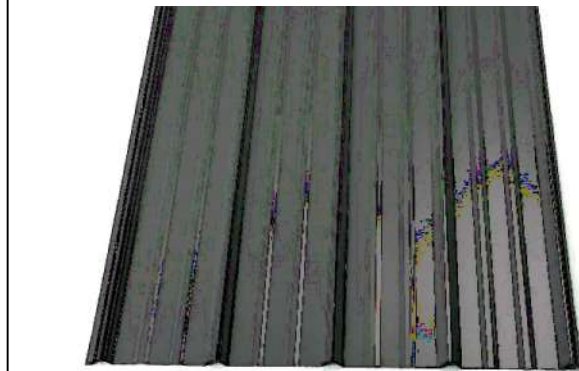
LIGHT GRAY STUCCO FINISH



DIRTY/OFF-WHITE STUCCO FINISH



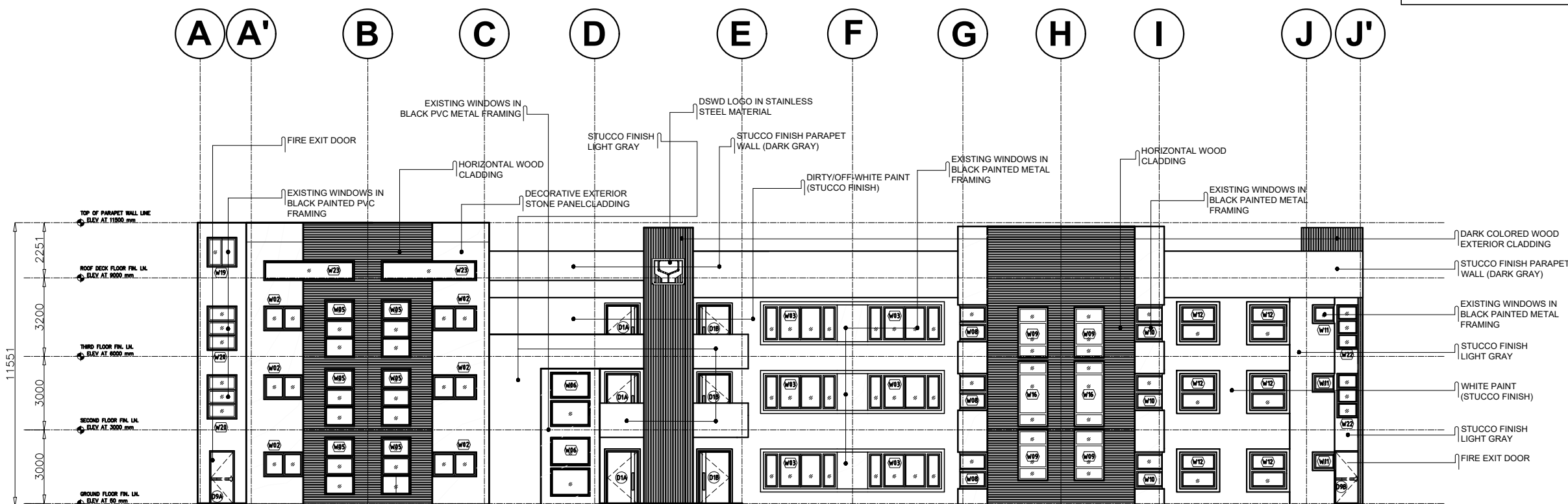
DECORATIVE EXTERIOR WOOD CLADDING



**CORRUGATED LONG-SPAN GALVANIZED IRON SHEET
 PAINTED IN DARK GRAY COLOR**

1 ARCHITECTURAL EXTERIOR MATERIAL ID
 SCALE NOT TO SCALE

**NOTE: ALL DIMENSIONS MUST BE
 VERIFIED ON SITE BY THE CONTRACTOR.
 DO NOT SCALE THIS DRAWING.**



2 FRONT ELEVATION
 SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
LEFT SIDE ELEVATION
RIGHT SIDE ELEVATION
REAR ELEVATION

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

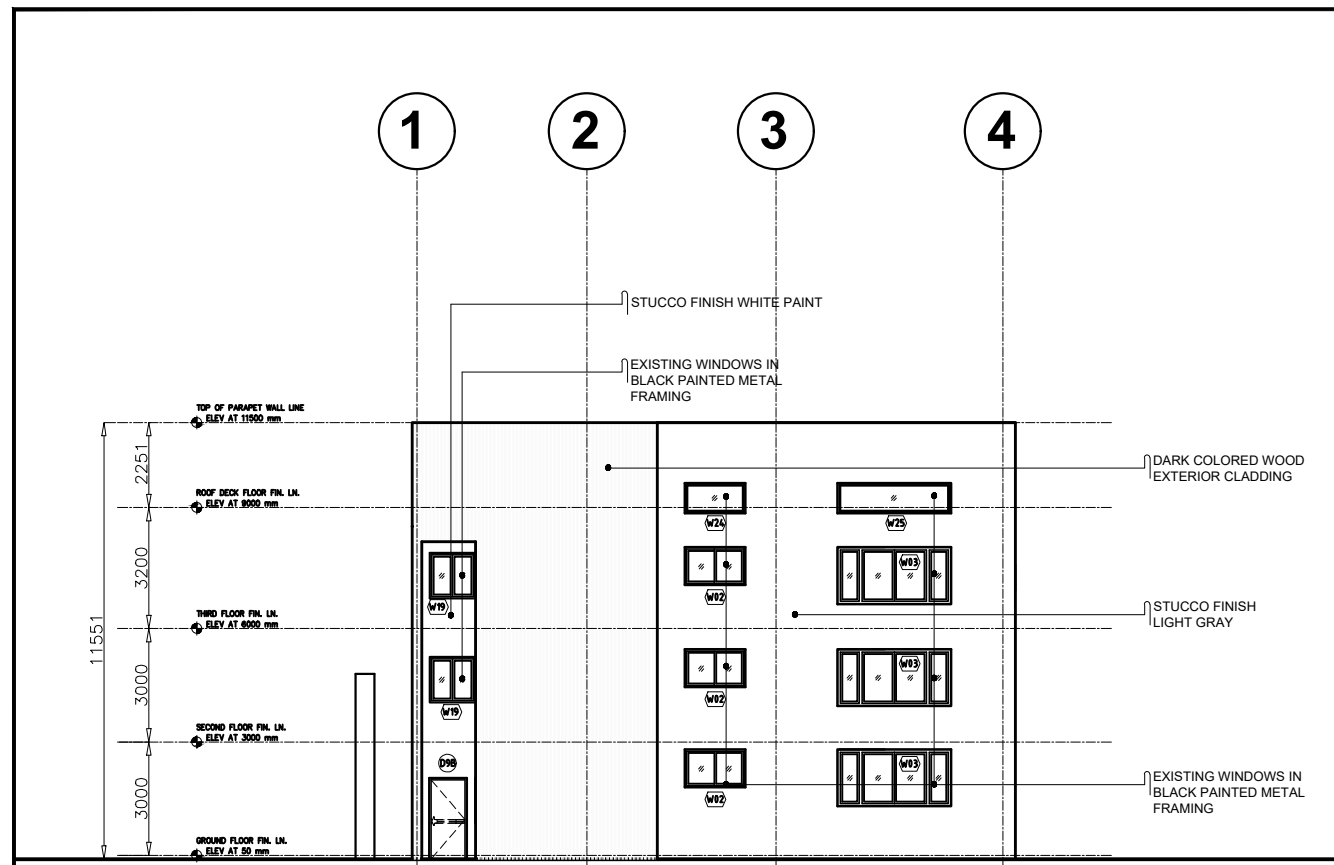
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

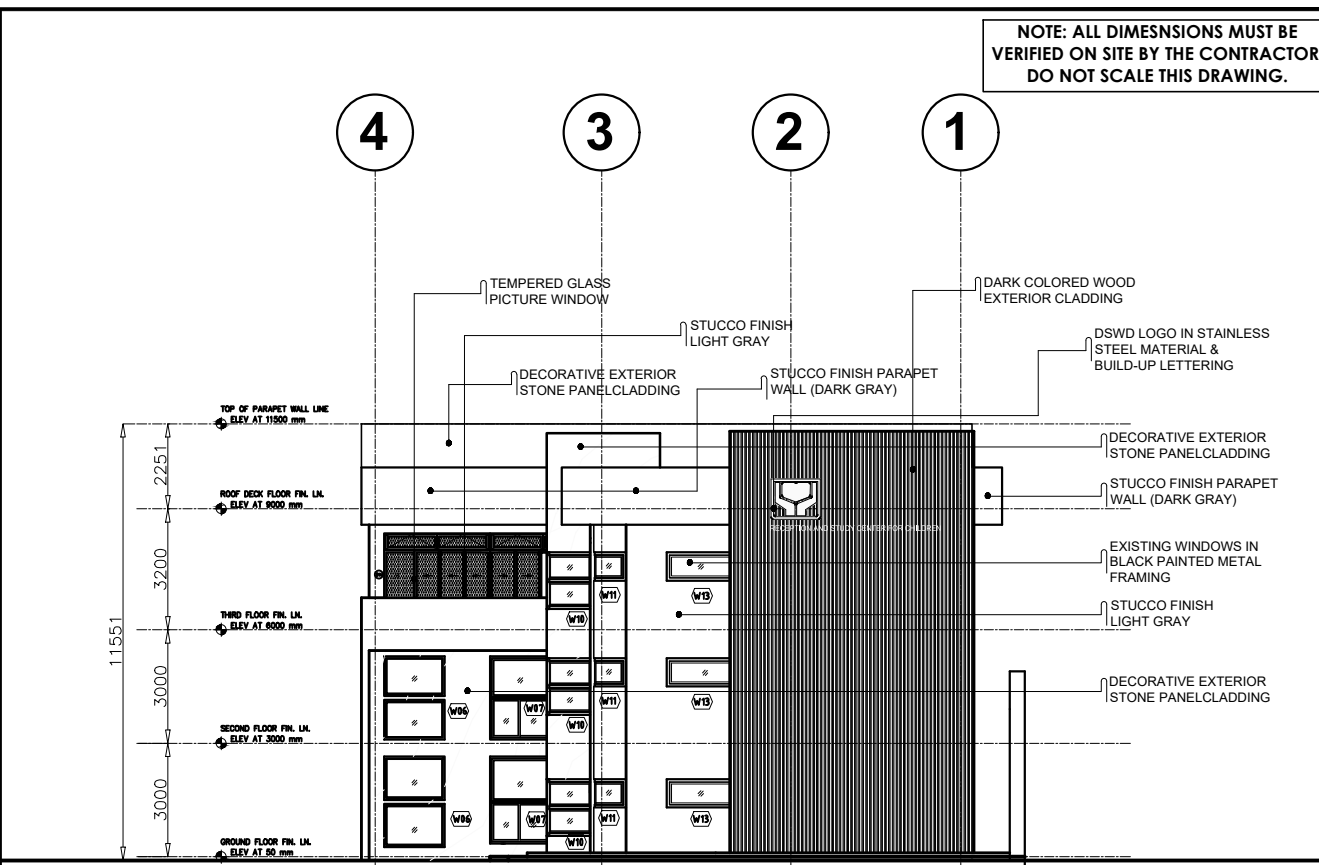
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DATE	DESCRIPTION/REMARKS	BY

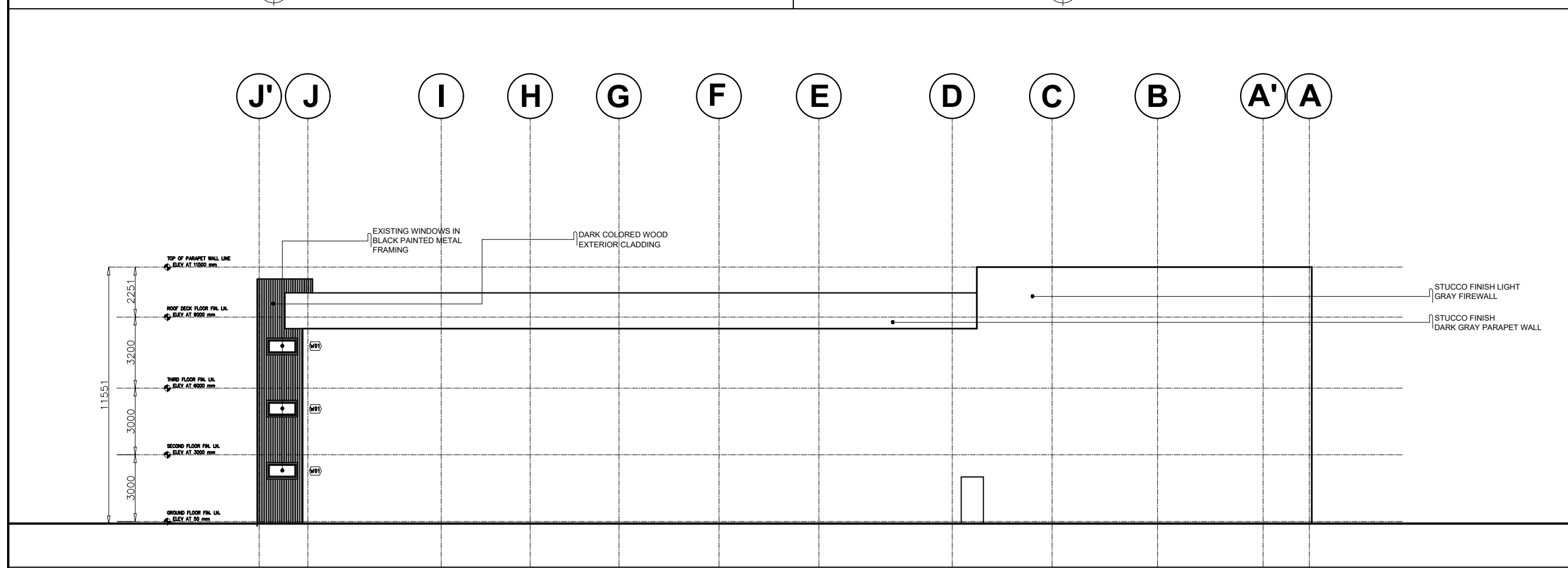
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-12	A3



1
A 11
LEFT SIDE ELEVATION
SCALE 1:200M



2
A 11
RIGHT SIDE ELEVATION
SCALE 1:200M



3
A 11
REAR ELEVATION
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
LONGITUDINAL SECTION
CROSS SECTION
ARCHITECTURAL INTERIOR
MATERIAL ID

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

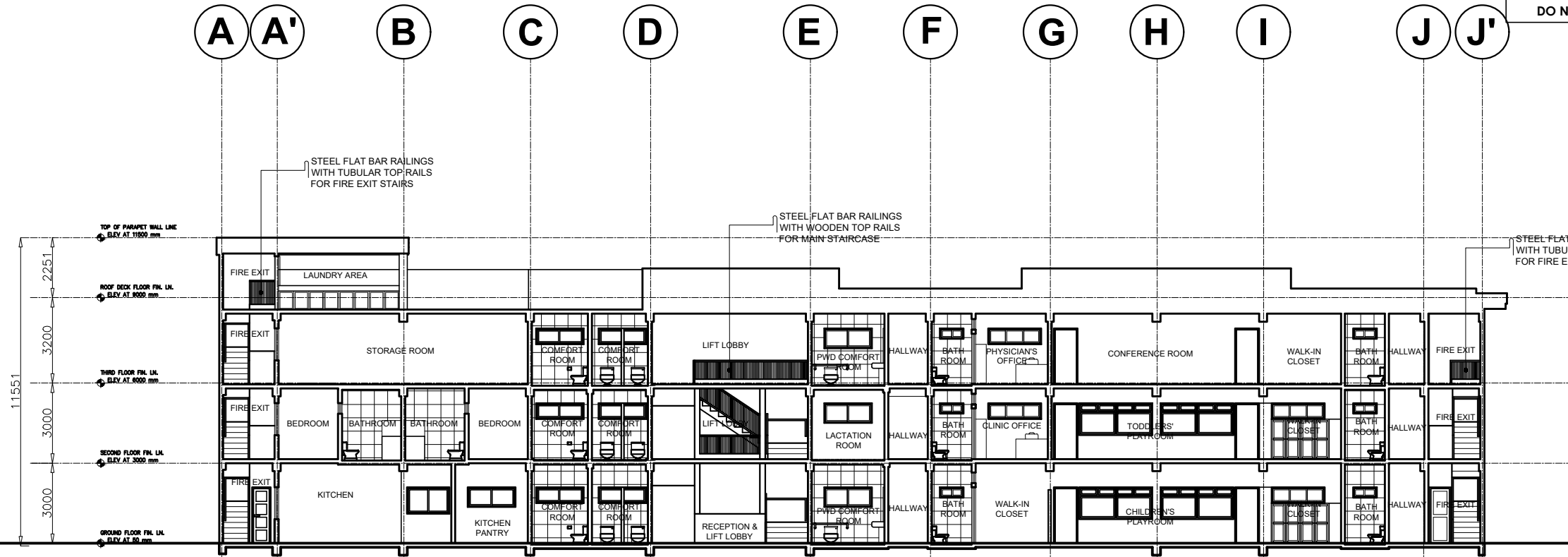
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

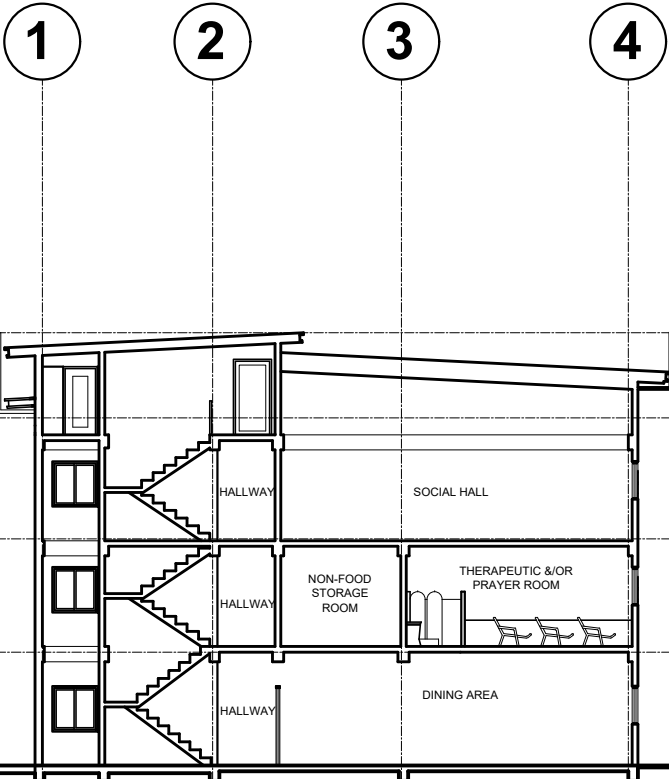
DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-13	A3



1 LONGITUDINAL SECTION
SCALE 1:200M



2 CROSS SECTION
SCALE 1:200M

WHITE PAINT	BLACK PAINT	BLUE PASTEL PAINT	PINK PASTEL PAINT
GREEN PASTEL PAINT	VIGAN BRICKS	WHITE PAINTED BRICKS	WARM LIGHTS
RAW CONCRETE PLASTER	LOW-E 7/OR TEMPERED GLASS	WOOD PLANK PORCELAIN TILES	RESILIENT RUBBERIZED/ VINYL FLOORING
SCREENED CEILING	MARBLE FINISH ACCENT WALL TILES	STEEL RAILINGS	WOOD PLANKS
3 ARCHITECTURAL INTERIOR MATERIAL ID SCALE NOT TO SCALE			

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GROUND FLOOR REFLECTED
CEILING PLAN

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

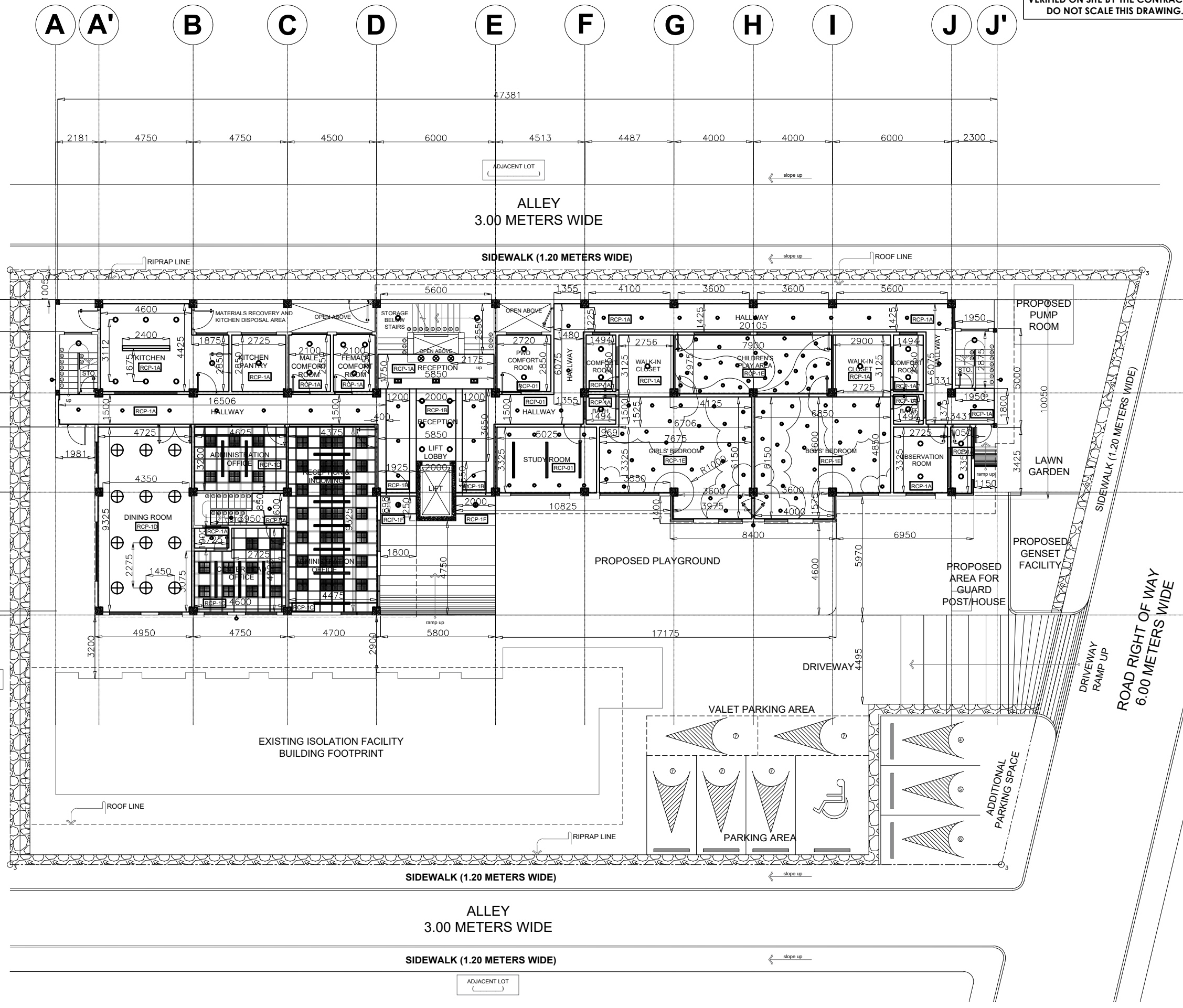
CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-14	A3



1
2
3
4

LEGENDS

- TROFFER LIGHT
- DROP LIGHT (DECORATIVE)
- DROP LIGHT (DECORATIVE)
- BAR LIGHTS
- PIN LIGHT (6 WATTS)
- PIN LIGHT (18 WATTS)
- WALL SCENCE
- SURFACE MOUNTED DOWNLIGHT
- DIRECTIONAL DOWNLIGHT
- TRACK LIGHT

GROUND FLOOR REFLECTED CEILING PLAN
SCALE: **1:200M**

DSWD Field Office Cordillera Administrative Region, 40 North Drive, 2600 Baguio City, Philippines
Email: focar@dswd.gov.ph Tel. Nos.: (6374) 446-5961/662-0430 | (6302) 396-6580
Mobile Nos.: (63917) 871-9893/872-0256 | (63919) 065-5365 to 68 Website: www.car.dswd.gov.ph

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.

DSWD
Department of Social Welfare and Development

ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION:
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

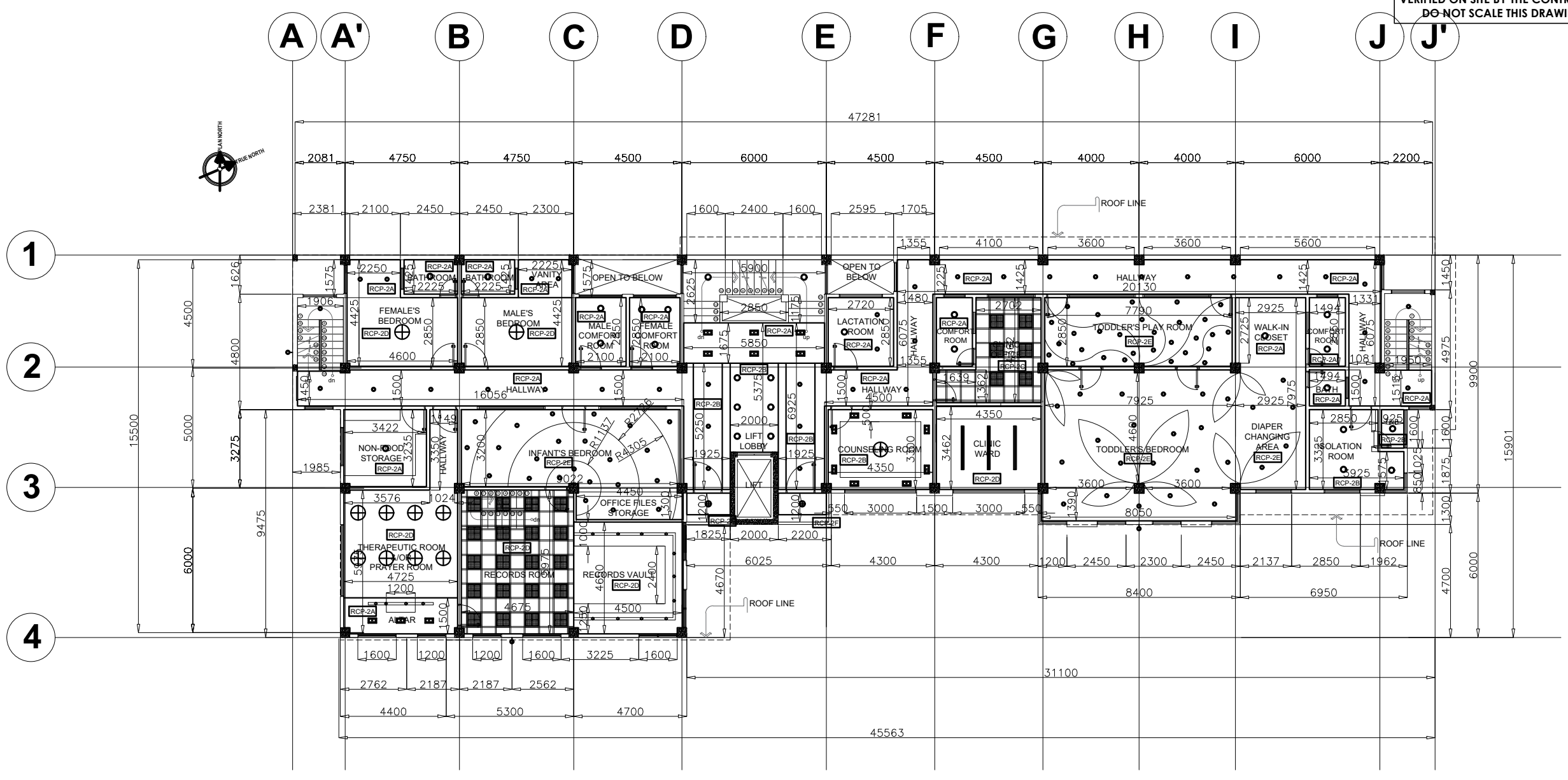
SHEET CONTENT:
**SECOND FLOOR REFLECTED
CEILING PLAN**

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS



CEILING FINISHES DESCRIPTION

RCP-A SUSPENDED GYPSUM BOARD CEILING PAINTED IN FLAT WHITE LATEX PAINT	RCP-B COVE CEILING IN GYPSUM BOARD MATERIAL PAINTED IN FLAT WHITE LATEX PAINT	RCP-C 600X600 ACOUSTIC BOARD CEILING WITH SQUARE TROFFER LIGHTING	RCP-D EXPOSED CEILING, EITHER PAINTED IN WHITE, BLACK, GRAY OR AS DIRECTED BY THE ARCHITECT
RCP-D CREATIVE DROP CEILING	RCP-E WOOD FINISH EXTERIOR SOFFIT	RCP-F WOOD STRIP/PLANKS CEILING	RCP-G METAL SCREENED CEILING

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

SECOND FLOOR REFLECTED CEILING PLAN
SCALE 1:200M

PLAN CATEGORY A	SHEET NUMBER A-15	PAPER SIZE A3
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NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
THIRD FLOOR REFLECTED CEILING
PLAN

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

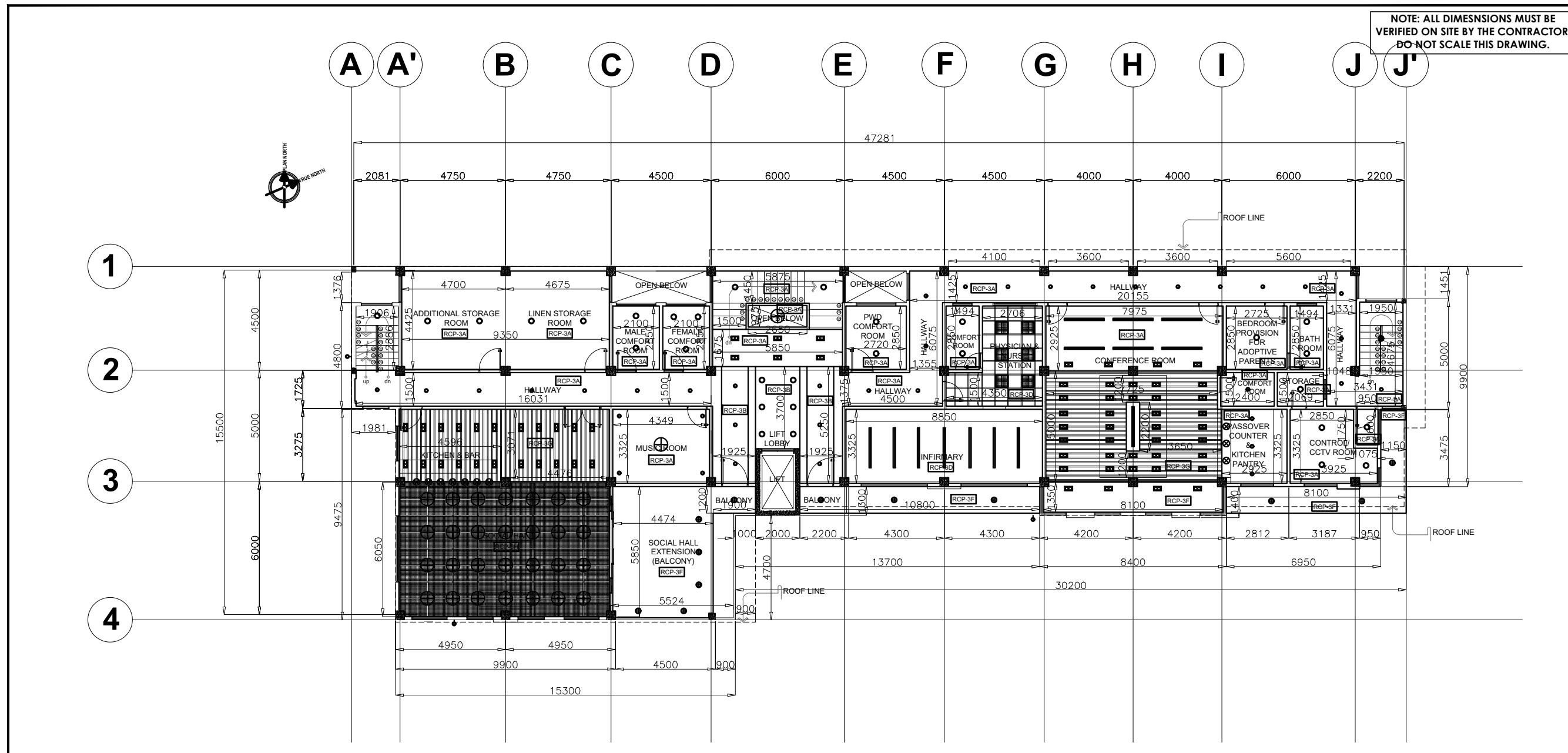
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS



CEILING FINISHES DESCRIPTION

<p>RCP-A SUSPENDED GYPSUM BOARD CEILING PAINTED IN FLAT WHITE LATEX PAINT</p>	<p>RCP-B COVE CEILING IN GYPSUM BOARD MATERIAL PAINTED IN FLAT WHITE LATEX PAINT</p>	<p>RCP-C 600X600 ACOUSTIC BOARD CEILING WITH SQUARE TROFFER LIGHTING</p>	<p>RCP-D EXPOSED CEILING, EITHER PAINTED IN WHITE, BLACK, GRAY OR AS DIRECTED BY THE ARCHITECT</p>
<p>RCP-D CREATIVE DROP CEILING</p>	<p>RCP-E WOOD FINISH EXTERIOR SOFFIT</p>	<p>RCP-F WOOD STRIP/PLANKS CEILING</p>	<p>RCP-G METAL SCREENED CEILING</p>

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-16	A3

THIRD FLOOR REFLECTED CEILING PLAN
SCALE: 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
ROOF DECK REFLECTED CEILING
PLAN

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

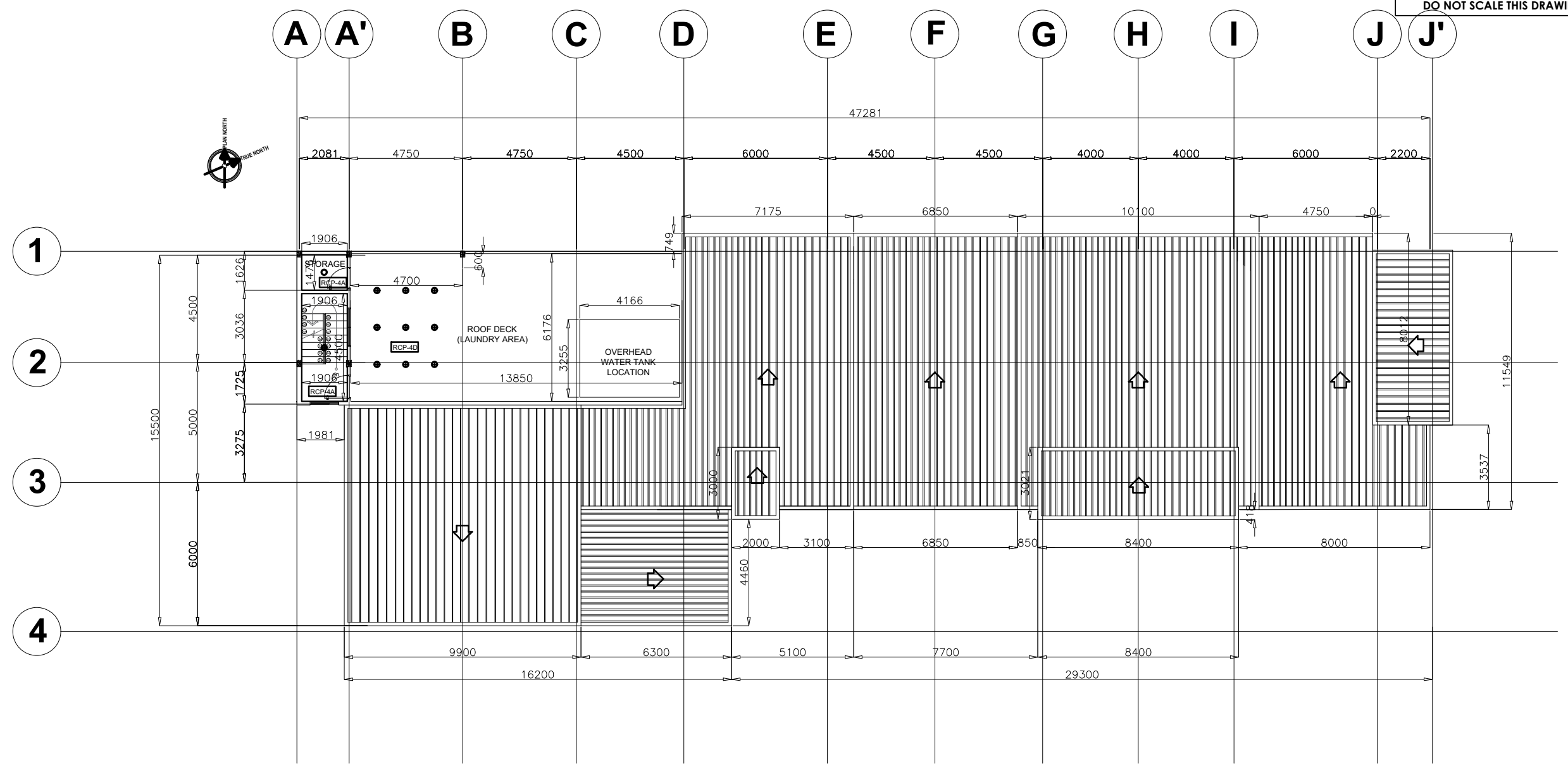
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS



CEILING FINISHES DESCRIPTION

 <p>RCP-A SUSPENDED GYPSUM BOARD CEILING PAINTED IN FLAT WHITE LATEX PAINT</p>	 <p>RCP-B COVE CEILING IN GYPSUM BOARD MATERIAL PAINTED IN FLAT WHITE LATEX PAINT</p>	 <p>RCP-C 600X600 ACOUSTIC BOARD CEILING WITH SQUARE TROFFER LIGHTING</p>	 <p>RCP-D EXPOSED CEILING, EITHER PAINTED IN WHITE, BLACK, GRAY OR AS DIRECTED BY THE ARCHITECT</p>
 <p>RCP-D CREATIVE DROP CEILING</p>	 <p>RCP-E WOOD FINISH EXTERIOR SOFFIT</p>	 <p>RCP-F WOOD STRIP/PLANKS CEILING</p>	 <p>RCP-G METAL SCREENED CEILING</p>

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

A A-17 A3

1/16 SCALE ROOF DECK REFLECTED CEILING PLAN 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR**
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GROUND FLOOR WALL PARTITION
LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

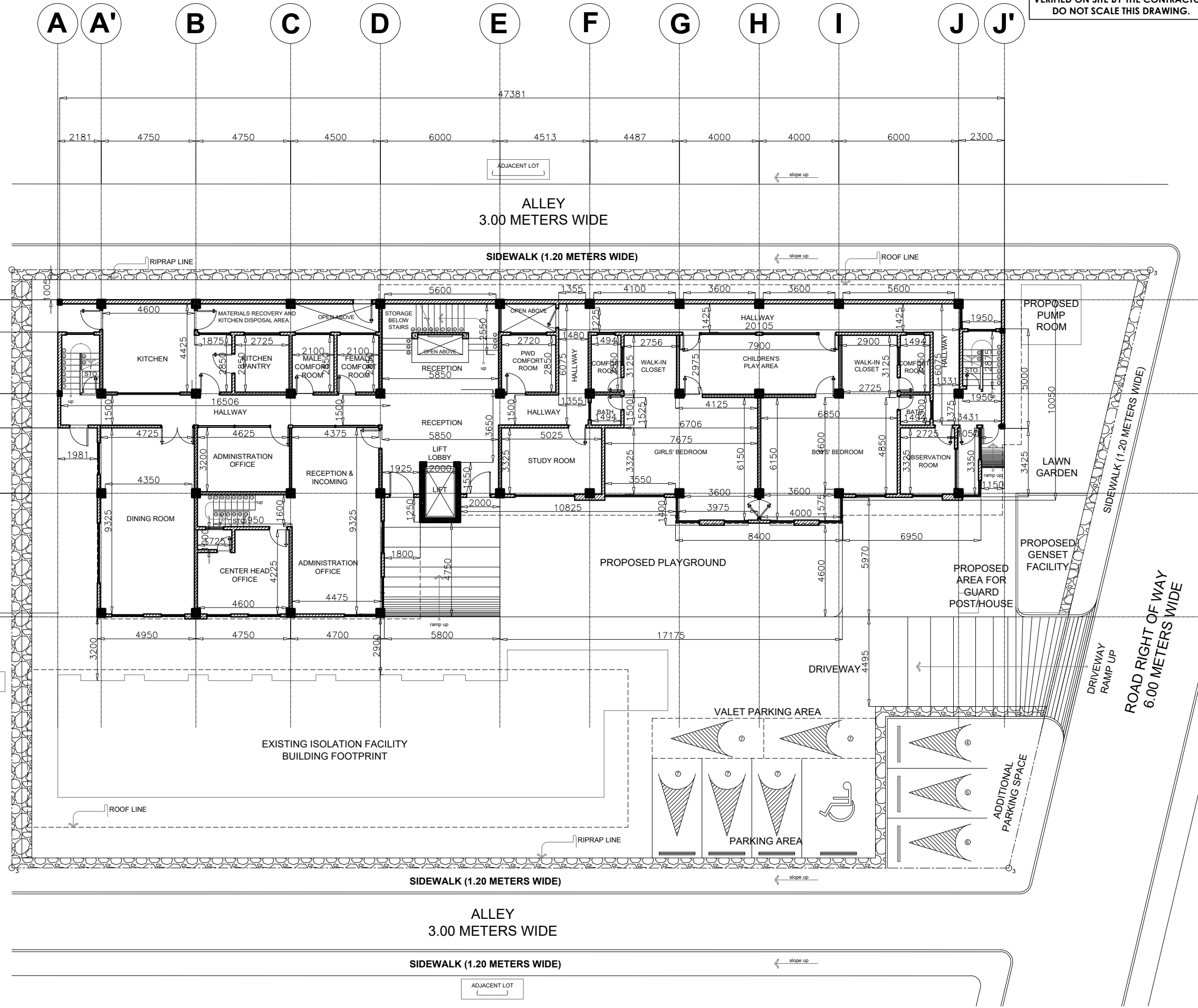
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY **SHEET NUMBER** **PAPER SIZE**
A **A-18** **A3**



1
A 17
GROUND FLOOR WALL PARTITION LAYOUT
SCALE: 1:200M

DSWD Field Office Cordillera Administrative Region, 40 North Drive, 2600 Baguio City, Philippines
Email: focar@dswd.gov.ph Tel. Nos.: (6374) 446-5961/662-0430 | (6302) 396-6580
Mobile Nos.: (63917) 871-9893/872-0256 | (63919) 065-5365 to 68 Website: www.car.dswd.gov.ph

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
SECOND FLOOR WALL PARTITION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

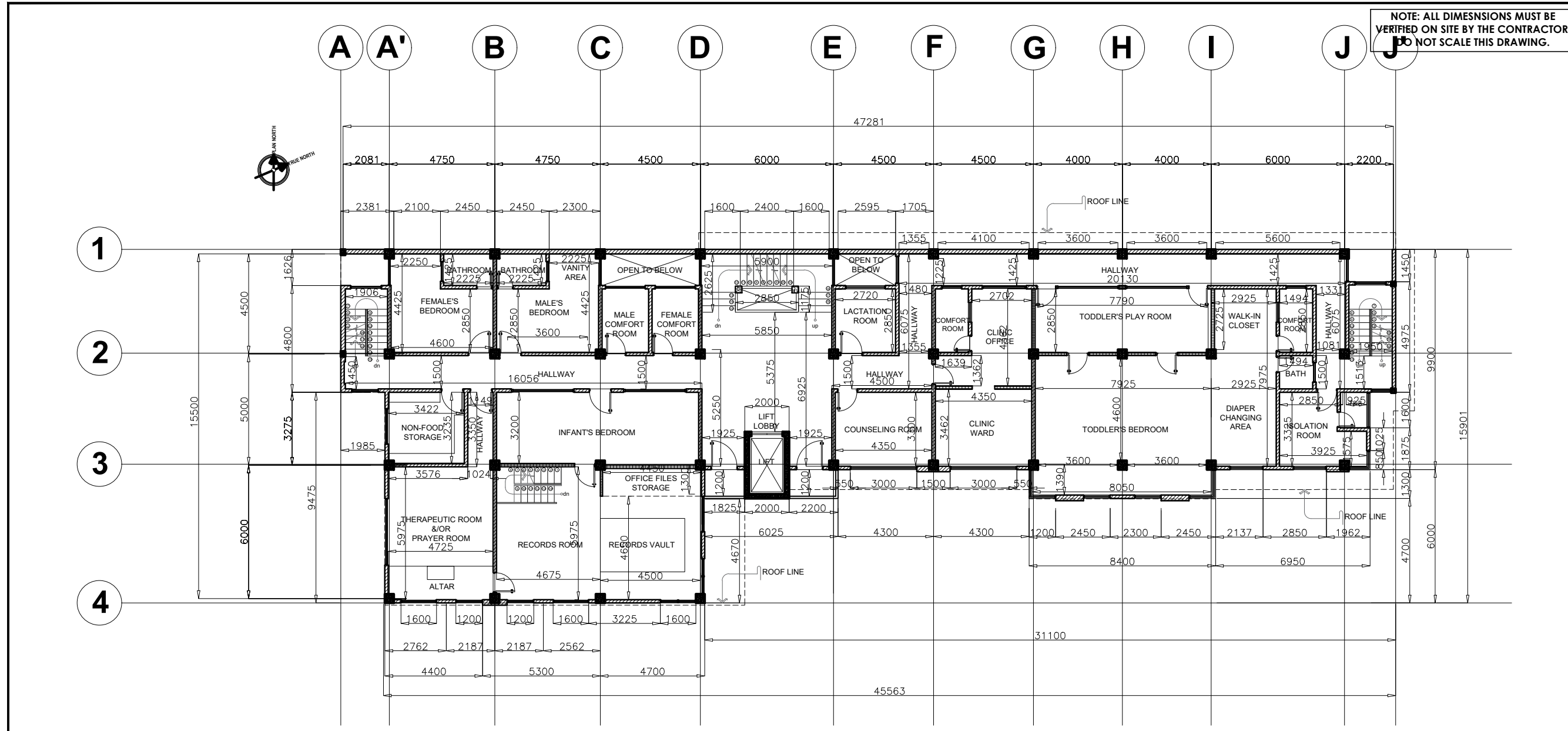
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS



WALL FINISHES DESCRIPTION

KITCHEN AREA WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH STAINLESS STEEL BACKSPASH	PWD BATHROOM LIGHT GRAY BATHROOM GLAZED CERAMIC TILES WITH TERRAZZO FINISH ACCENT GLAZED TILES & MIRROR	TYPICAL BEDROOM RAW CONCRETE PLASTER AND BRICKS MATERIAL	SOCIAL HALL RAW CONCRETE PLASTER & BRICKS MATERIAL
KITCHEN PANTRY/STORAGE ROOMS WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH WOOD STAINED & VARNISHED CABINETRY	HALLWAY AREA WHITE PAINTED PLASTERED WALL (SEMI-GLOSS)	PRAYER ROOM RAW CONCRETE PLASTER AND BRICKS MATERIAL	MUSIC ROOM ACOUSTIC TREATED WALLS
BATHROOMS MUTED PINK (G), MUTED BLUE (B), MUTED GREEN (N) BATHROOM GLAZED CERAMIC TILES WITH TERRAZZO FINISH ACCENT GLAZED TILES	STUDY ROOM FUN AND COLORFUL PASTEL COLORS MIXED WITH WOOD ACCENT	RECORDS ROOM RAW CONCRETE PLASTER	INFIRMARY WHITE PAINTED (SEMI-GLOSS)
DINING ROOM MIX OF CONCRETE PLASTER AND WHITE PAINTED BRICKS	CHILDREN'S BEDROOM FUN AND COLORFUL PASTEL COLORS MIXED WITH WOOD ACCENT	LACTATION ROOM RAW CONCRETE PLASTER & BRICKS MATERIAL	CONFERENCE ROOM RAW CONCRETE PLASTER & BRICKS AND WOOD MATERIAL ACCENT
ADMINISTRATION OFFICE MIX OF CONCRETE PLASTER AND WHITE PAINTED BRICKS	WALK-IN CLOSET WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH WOOD STAINED & VARNISHED CABINETRY	COUNSELING ROOM RAW CONCRETE PLASTER & BRICKS MATERIAL	CONTROL ROOM WHITE PAINTED (SEMI-GLOSS)
CENTER HEAD OFFICE GENERALLY GLASS WALLS WITH MIX OF WHITE AND PASTEL VARIETY OF RED & BLUE COLOR-RANGES PAINTED ON CONCRETE PLASTER	CHILDREN'S PLAY AREA FUN AND COLORFUL PASTEL COLORS PADDED WALLS IN 1.00 METER HEIGHT	CLINIC OFFICE & WARD WHITE PAINTED (SEMI-GLOSS)	LAUNDRY AREA WHITE PAINTED (SEMI-GLOSS)
RECEPTION & LIFT LOBBY WHITE PAINTED PLASTERED WALLS WITH BROWN MARBLE AS ACCENT WALL TO LIFT LOBBY	OBSERVATION ROOM FUN AND COLORFUL PASTEL COLORS HIGH QUALITY PADDED WALLS IN FULL WALL HEIGHT	ISOLATION ROOM WHITE PAINTED (SEMI-GLOSS)	KITCHEN DISPOSAL AREA RAW CONCRETE FINISH

WALL PARTITION LEGENDS

	MASONRY WALL
	REINFORCED CONCRETE
	GYPSUM BOARD ASSEMBLY
	GLAZING

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-19	A3

1 SECOND FLOOR WALL PARTITION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE
VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021**

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
THIRD FLOOR WALL PARTITION
LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

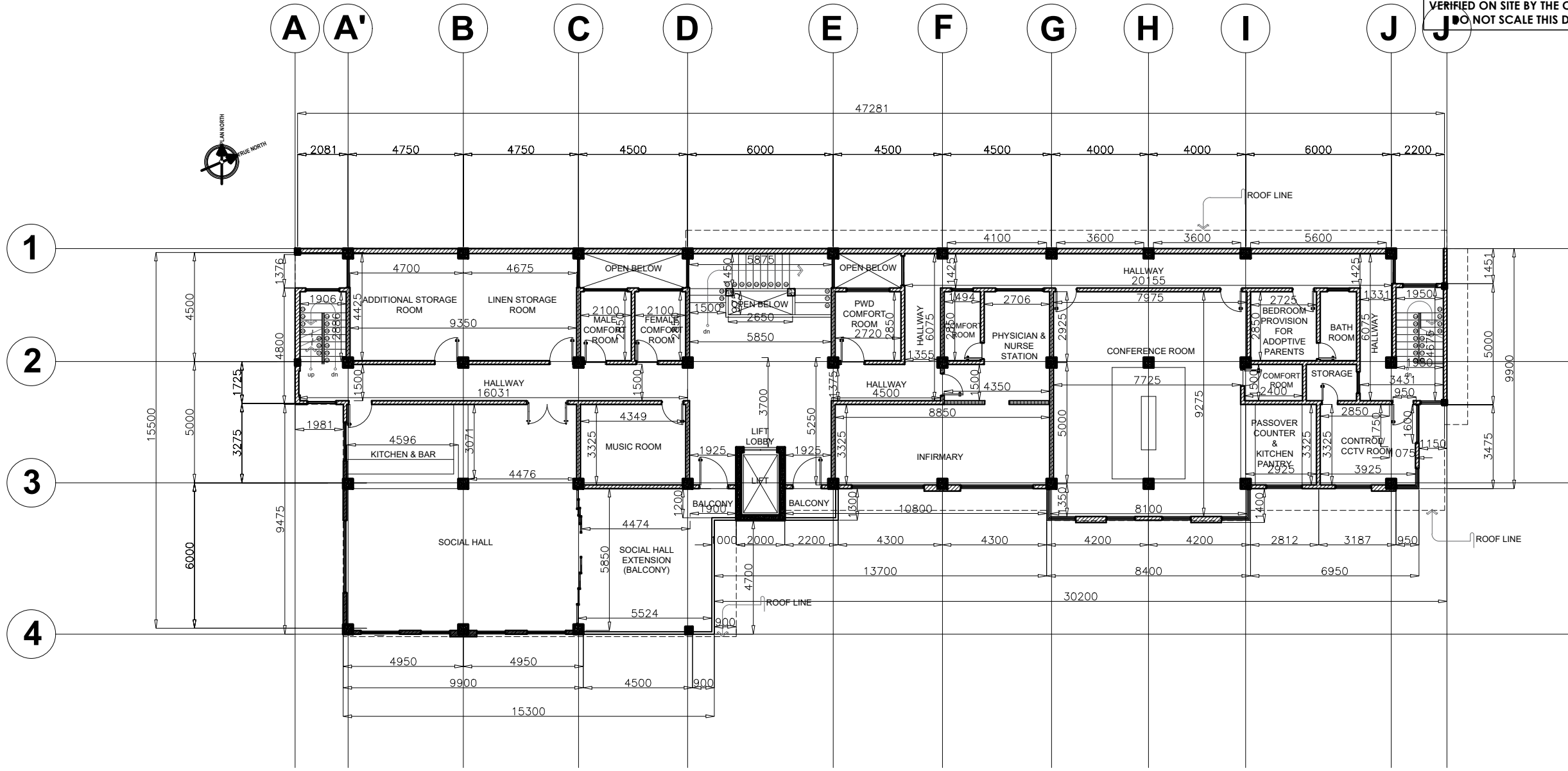
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS



WALL FINISHES DESCRIPTION

KITCHEN AREA WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH STAINLESS STEEL BACKSPASH	PWD BATHROOM LIGHT GRAY BATHROOM GLAZED CERAMIC TILES WITH TERRAZZO FINISH ACCENT GLAZED TILES & MIRROR	TYPICAL BEDROOM RAW CONCRETE PLASTER AND BRICKS MATERIAL	SOCIAL HALL RAW CONCRETE PLASTER & BRICKS MATERIAL
KITCHEN PANTRY/STORAGE ROOMS WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH WOOD STAINED & VARNISHED CABINETRY	HALLWAY AREA WHITE PAINTED PLASTERED WALL (SEMI-GLOSS)	PRAYER ROOM RAW CONCRETE PLASTER AND BRICKS MATERIAL	MUSIC ROOM ACOUSTIC TREATED WALLS
BATHROOMS MUTED PINK (G), MUTED BLUE (B), MUTED GREEN (N) BATHROOM GLAZED CERAMIC TILES WITH TERRAZZO FINISH ACCENT GLAZED TILES	STUDY ROOM FUN AND COLORFUL PASTEL COLORS MIXED WITH WOOD ACCENT	RECORDS ROOM RAW CONCRETE PLASTER	INFIRMARY WHITE PAINTED (SEMI-GLOSS)
DINING ROOM MIX OF CONCRETE PLASTER AND WHITE PAINTED BRICKS	CHILDREN'S BEDROOM FUN AND COLORFUL PASTEL COLORS MIXED WITH WOOD ACCENT	LACTATION ROOM RAW CONCRETE PLASTER & BRICKS MATERIAL	CONFERENCE ROOM RAW CONCRETE PLASTER & BRICKS AND WOOD MATERIAL ACCENT
ADMINISTRATION OFFICE MIX OF CONCRETE PLASTER AND WHITE PAINTED BRICKS	WALK-IN CLOSET WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH WOOD STAINED & VARNISHED CABINETRY	COUNSELING ROOM RAW CONCRETE PLASTER & BRICKS MATERIAL	CONTROL ROOM WHITE PAINTED (SEMI-GLOSS)
CENTER HEAD OFFICE GENERALLY GLASS WALLS WITH MIX OF WHITE AND PASTEL VARIETY OF RED & BLUE COLOR-RANGES PAINTED ON CONCRETE PLASTER	CHILDREN'S PLAY AREA FUN AND COLORFUL PASTEL COLORS PADDED WALLS IN 1.00 METER HEIGHT	CLINIC OFFICE & WARD WHITE PAINTED (SEMI-GLOSS)	LAUNDRY AREA WHITE PAINTED (SEMI-GLOSS)
RECEPTION & LIFT LOBBY WHITE PAINTED PLASTERED WALLS WITH BROWN MARBLE AS ACCENT WALL TO LIFT LOBBY	OBSERVATION ROOM FUN AND COLORFUL PASTEL COLORS HIGH QUALITY PADDED WALLS IN FULL WALL HEIGHT	ISOLATION ROOM WHITE PAINTED (SEMI-GLOSS)	KITCHEN DISPOSAL AREA RAW CONCRETE FINISH

WALL PARTITION LEGENDS

	MASONRY WALL
	REINFORCED CONCRETE
	GYPSUM BOARD ASSEMBLY
	GLAZING

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

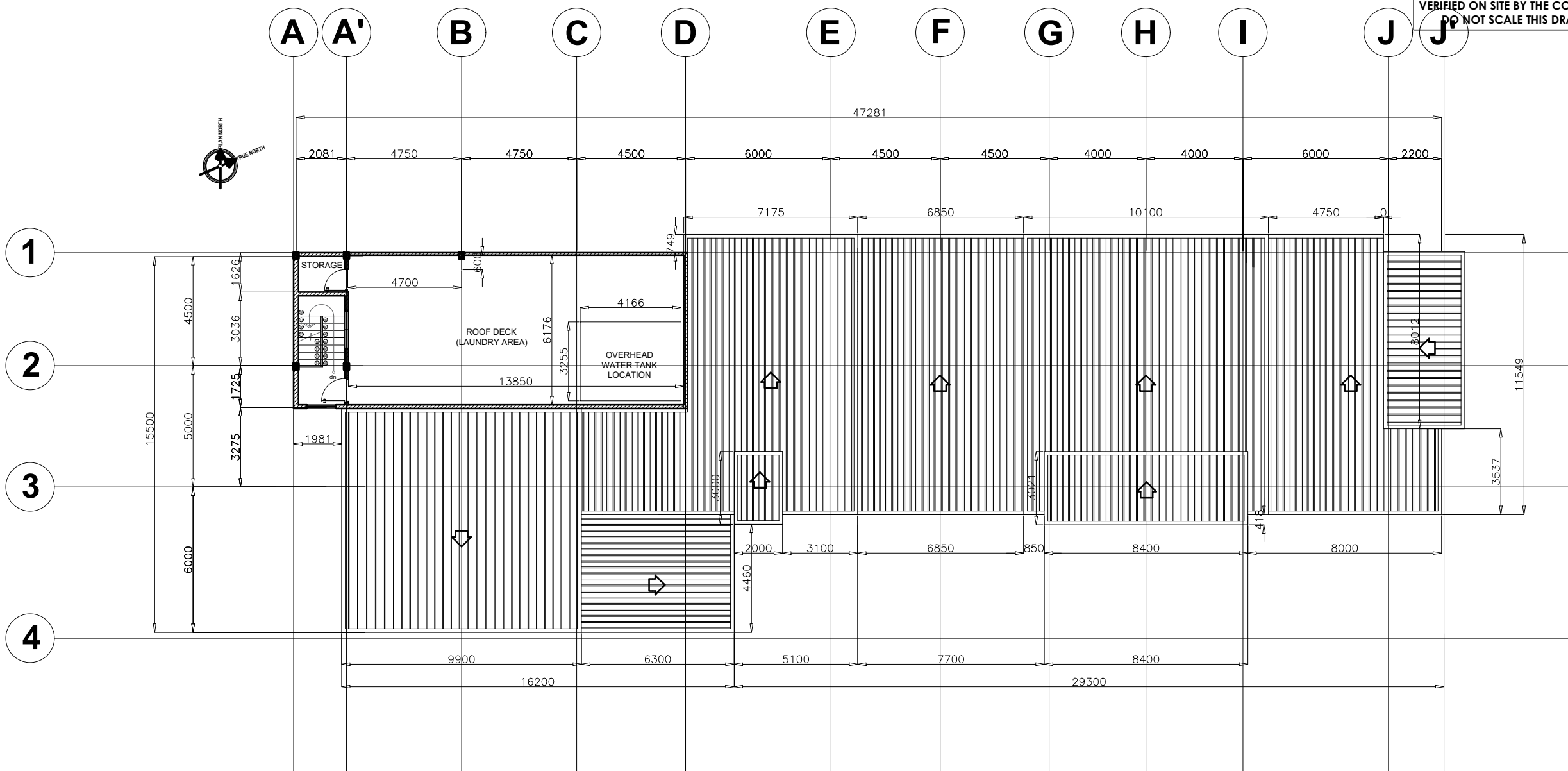
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

A A-20 A3

1 THIRD FLOOR WALL PARTITION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
ROOF DECK WALL PARTITION LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

WALL FINISHES DESCRIPTION

KITCHEN AREA WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH STAINLESS STEEL BACKSPASH	PWD BATHROOM LIGHT GRAY BATHROOM GLAZED CERAMIC TILES WITH TERRAZZO FINISH ACCENT GLAZED TILES & MIRROR	TYPICAL BEDROOM RAW CONCRETE PLASTER AND BRICKS MATERIAL	SOCIAL HALL RAW CONCRETE PLASTER & BRICKS MATERIAL
KITCHEN PANTRY/STORAGE ROOMS WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH WOOD STAINED & VARNISHED CABINETRY	HALLWAY AREA WHITE PAINTED PLASTERED WALL (SEMI-GLOSS)	PRAYER ROOM RAW CONCRETE PLASTER AND BRICKS MATERIAL	MUSIC ROOM ACOUSTIC TREATED WALLS
BATHROOMS MUTED PINK (G), MUTED BLUE (B), MUTED GREEN (N) BATHROOM GLAZED CERAMIC TILES WITH TERRAZZO FINISH ACCENT GLAZED TILES	STUDY ROOM FUN AND COLORFUL PASTEL COLORS MIXED WITH WOOD ACCENT	RECORDS ROOM RAW CONCRETE PLASTER	INFIRMARY WHITE PAINTED (SEMI-GLOSS)
DINING ROOM MIX OF CONCRETE PLASTER AND WHITE PAINTED BRICKS	CHILDREN'S BEDROOM FUN AND COLORFUL PASTEL COLORS MIXED WITH WOOD ACCENT	LACTATION ROOM RAW CONCRETE PLASTER & BRICKS MATERIAL	CONFERENCE ROOM RAW CONCRETE PLASTER & BRICKS AND WOOD MATERIAL ACCENT
ADMINISTRATION OFFICE MIX OF CONCRETE PLASTER AND WHITE PAINTED BRICKS	WALK-IN CLOSET WALL CEMENT PLASTER IN WHITE GLOSS PAINT FINISH WITH WOOD STAINED & VARNISHED CABINETRY	COUNSELING ROOM RAW CONCRETE PLASTER & BRICKS MATERIAL	CONTROL ROOM WHITE PAINTED (SEMI-GLOSS)
CENTER HEAD OFFICE GENERALLY GLASS WALLS WITH MIX OF WHITE AND PASTEL VARIETY OF RED & BLUE COLOR-RANGES PAINTED ON CONCRETE PLASTER	CHILDREN'S PLAY AREA FUN AND COLORFUL PASTEL COLORS PADDED WALLS IN 1.00 METER HEIGHT	CLINIC OFFICE & WARD WHITE PAINTED (SEMI-GLOSS)	LAUNDRY AREA WHITE PAINTED (SEMI-GLOSS)
RECEPTION & LIFT LOBBY WHITE PAINTED PLASTERED WALLS WITH BROWN MARBLE AS ACCENT WALL TO LIFT LOBBY	OBSERVATION ROOM FUN AND COLORFUL PASTEL COLORS HIGH QUALITY PADDED WALLS IN FULL WALL HEIGHT	ISOLATION ROOM WHITE PAINTED (SEMI-GLOSS)	KITCHEN DISPOSAL AREA RAW CONCRETE FINISH

WALL PARTITION LEGENDS

	MASONRY WALL
	REINFORCED CONCRETE
	GYPSUM BOARD ASSEMBLY
	GLAZING

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

A A-21 A3

1 ROOF DECK WALL PARTITION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION:
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT:
GROUND FLOOR DEMARICATION
LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

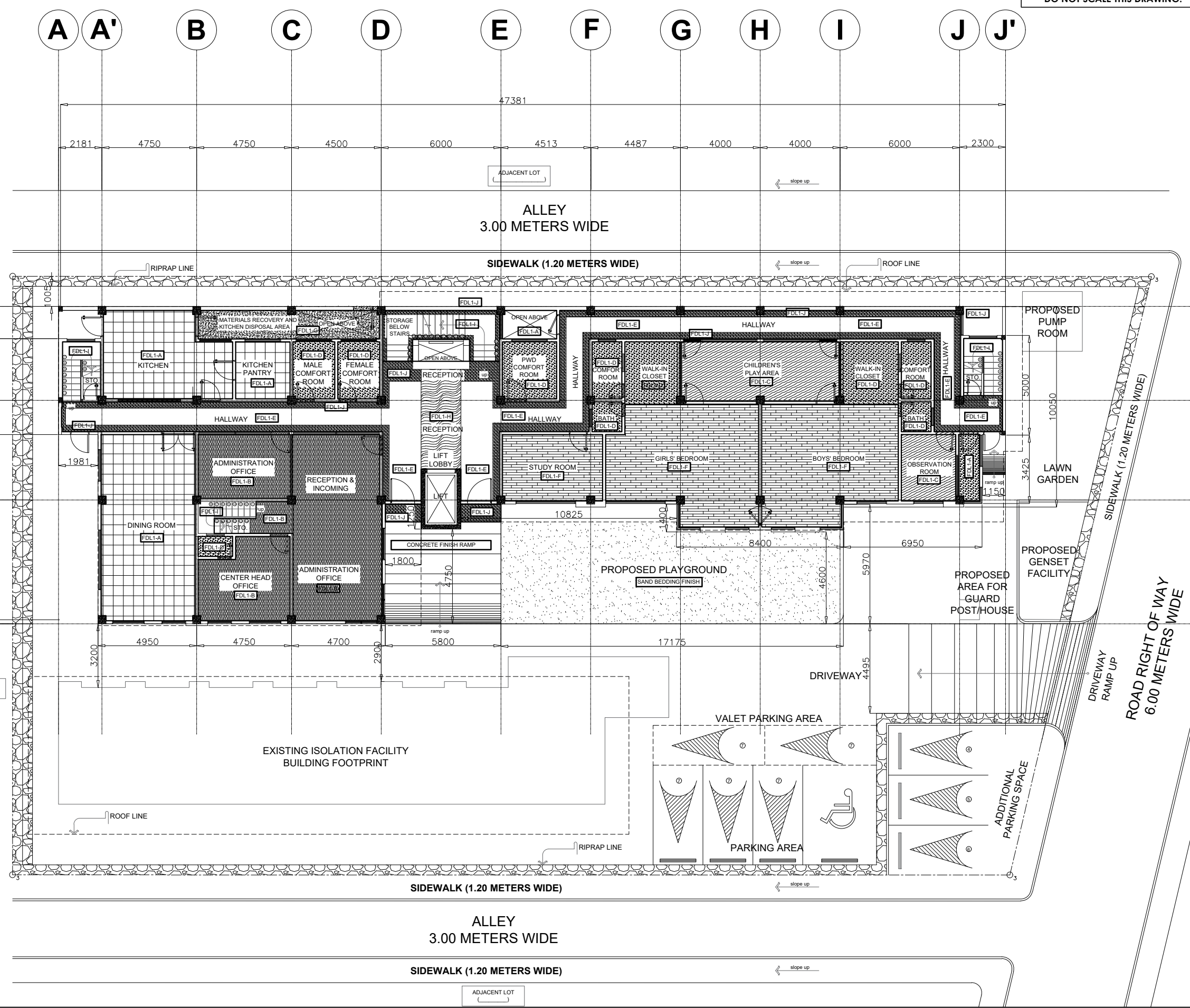
PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:
DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE
A A-22 A3



1
A 21 GROUND FLOOR DEMARICATION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

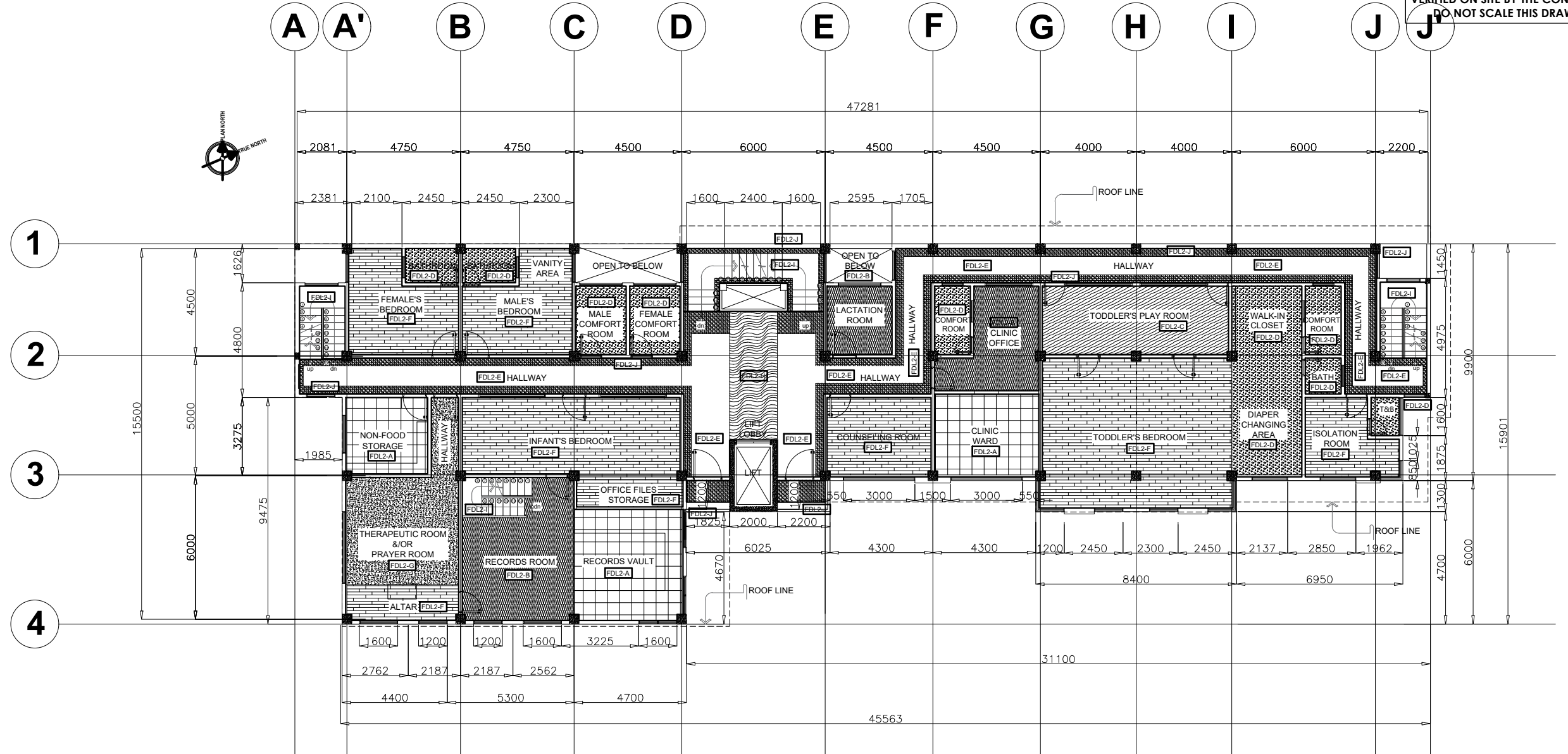
SHEET CONTENT :
SECOND FLOOR DEMARICATION LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

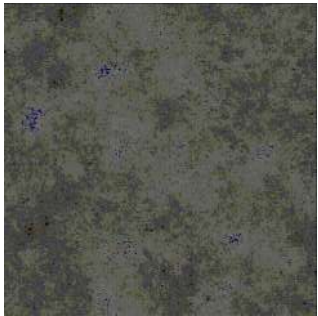
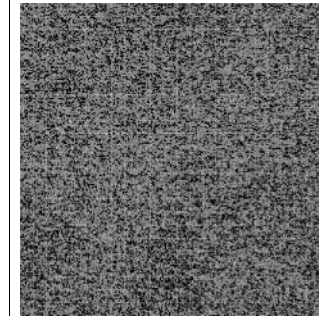
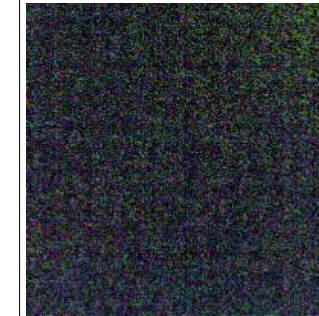
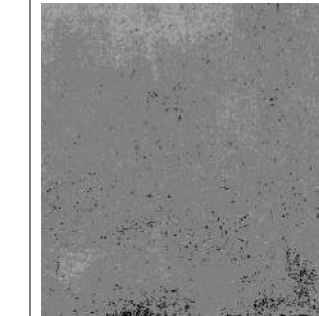
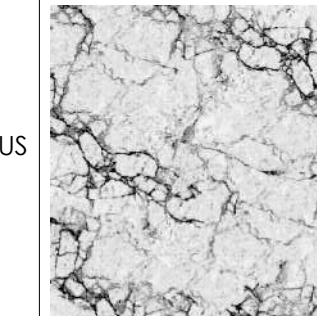
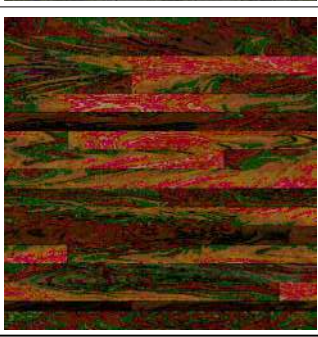

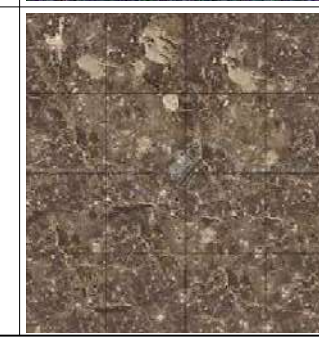
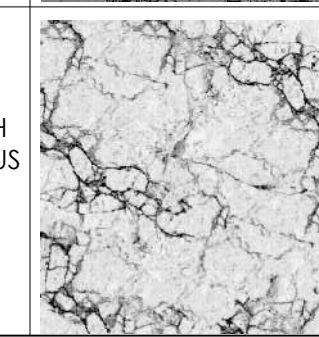

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS



FLOOR FINISHES DESCRIPTION

 <p>FDL-A NATURAL STONE FINISH HOMOGENOUS CERAMIC TILES, NON-SKID TYPE (600X600mm)</p>	 <p>FDL-B LIGHT GRAY COLORED CARPET TILES/ROLL OR AS APPROVED BY ARCHITECT</p>	 <p>FDL-C RUBBERIZED VINYL TILES FOR PLAY AREA</p>	 <p>FDL-D GRAY NON-SKID HOMOGENOUS CERAMIC BATHROOM TILES (600x600mm)</p>	 <p>FDL-E WHITE COLORED HOMOGENOUS UNGLAZED PORCELAIN HALLWAY TILES (600X600mm)</p>
 <p>FDL-F WOOD FINISH HOMOGENOUS PORCELAIN TIMBER TILES (200x1200mm)</p>	 <p>FDL-G POLISHED CONCRETE</p>	 <p>FDL-H BROWN MARBLE FINISH HOMOGENOUS UNGLAZED PORCELAIN TILES (600X600mm)</p>	 <p>FDL-I WHITE STONE FINISH CERAMIC TILES FOR STAIRS WITH ANTI-SLIP NOSING</p>	 <p>FDL-J GRAYCOLORED HOMOGENOUS UNGLAZED PORCELAIN HALLWAY TILES (600X600mm)</p>

PROJECT/TA No: _____

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

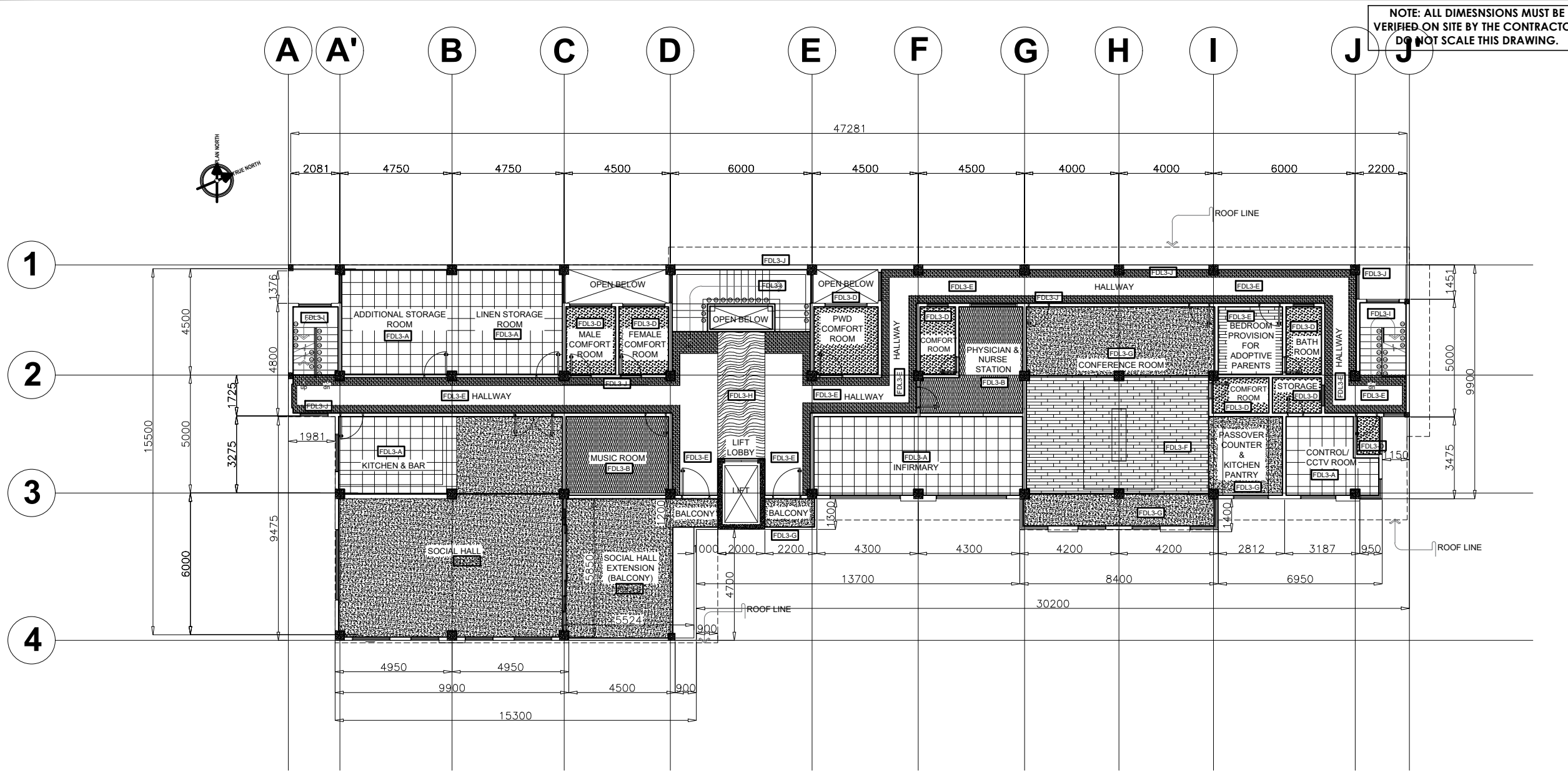
SHEET CONTENT :
**THIRD FLOOR DEMARCATION
LAYOUT**

APPROVED BY
LEO L. QUINTILLA
Regional Director

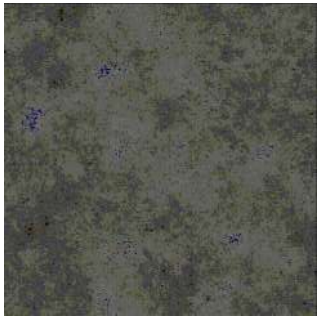
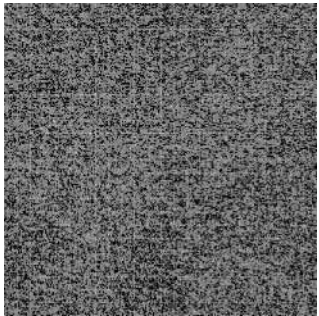
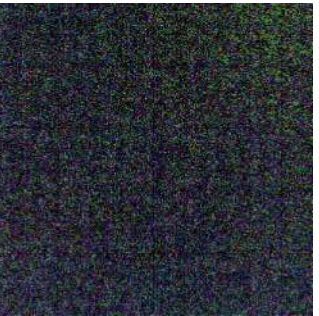
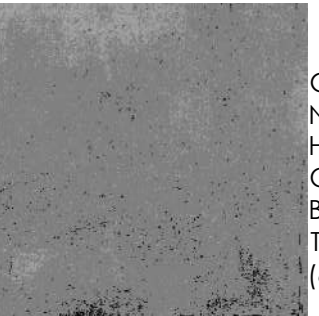
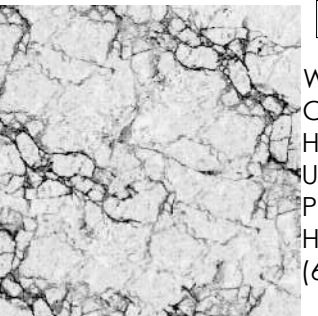
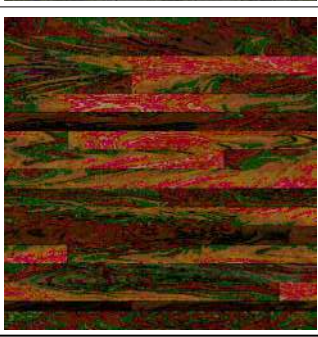

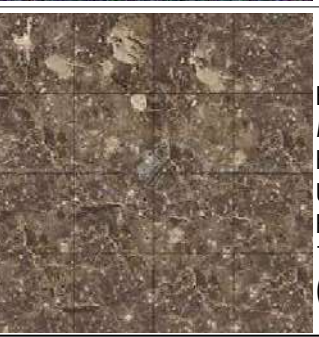
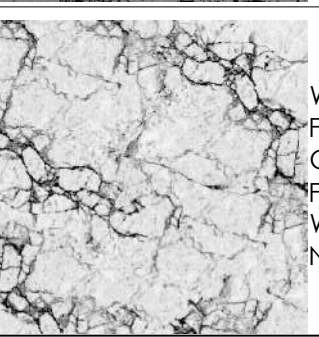
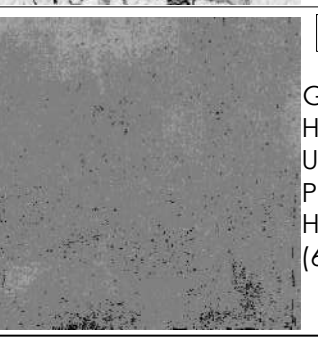
CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS



FLOOR FINISHES DESCRIPTION

 <p>FDL-A NATURAL STONE FINISH HOMOGENOUS CERAMIC TILES, NON-SKID TYPE (600X600mm)</p>	 <p>FDL-B LIGHT GRAY COLORED CARPET TILES/ROLL OR AS APPROVED BY ARCHITECT</p>	 <p>FDL-C RUBBERIZED VINYL TILES FOR PLAY AREA</p>	 <p>FDL-D GRAY NON-SKID HOMOGENOUS CERAMIC BATHROOM TILES (600x600mm)</p>	 <p>FDL-E WHITE COLORED HOMOGENOUS UNGLAZED PORCELAIN HALLWAY TILES (600X600mm)</p>
 <p>FDL-F WOOD FINISH HOMOGENOUS PORCELAIN TIMBER TILES (200x1200mm)</p>	 <p>FDL-G POLISHED CONCRETE</p>	 <p>FDL-H BROWN MARBLE FINISH HOMOGENOUS UNGLAZED PORCELAIN TILES (600X600mm)</p>	 <p>FDL-I WHITE STONE FINISH CERAMIC TILES FOR STAIRS WITH ANTI-SLIP NOSING</p>	 <p>FDL-J GRAY COLORED HOMOGENOUS UNGLAZED PORCELAIN HALLWAY TILES (600X600mm)</p>

PROJECT/TA No: _____

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-24	A3

1
A 23
THIRD FLOOR DEMARCATION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

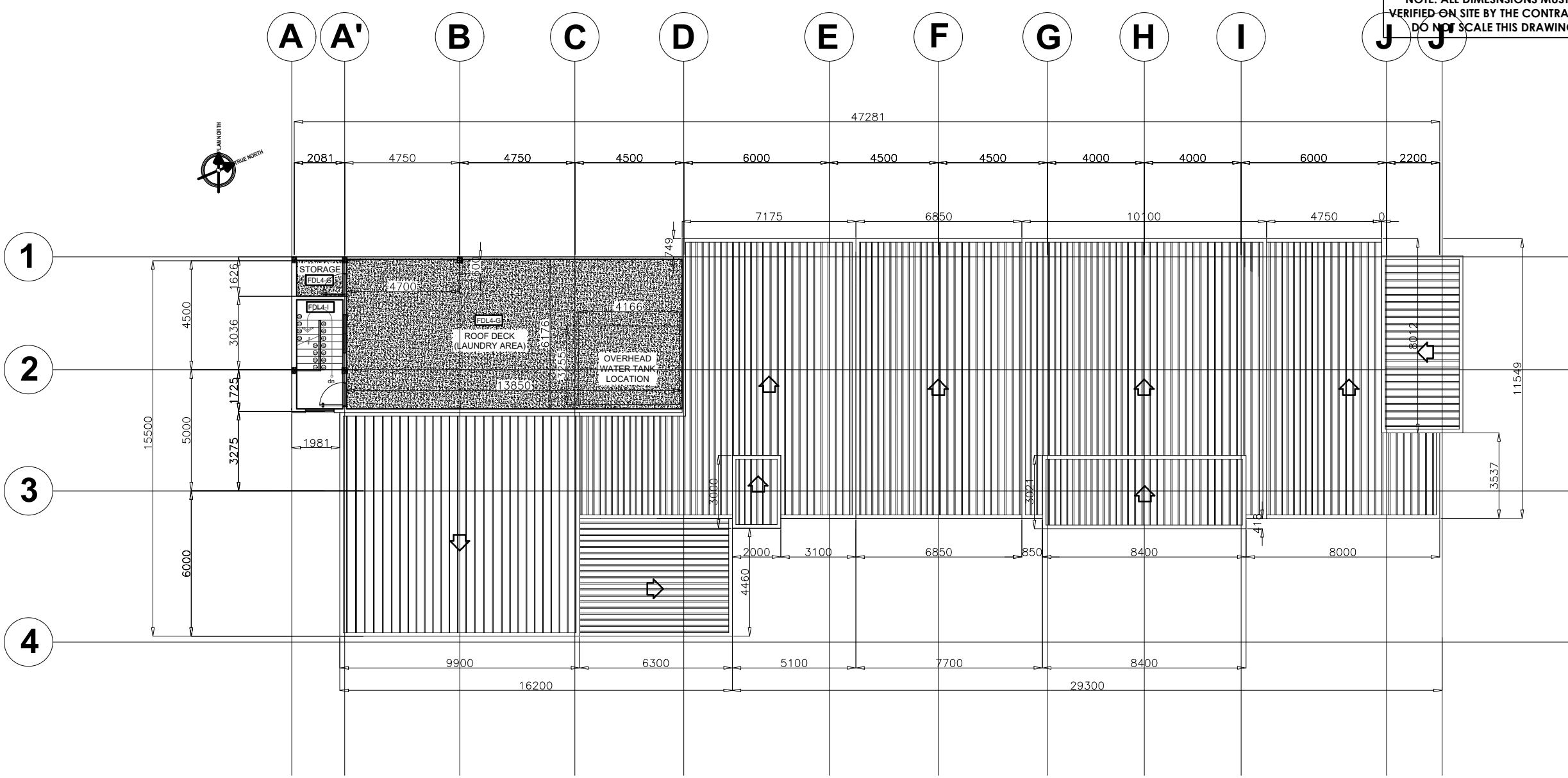
SHEET CONTENT :
ROOF DECK FLOOR DEMARICATION LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
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Administrative Officer I, BGMS Head

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FLOOR FINISHES DESCRIPTION

<p>FDL-A NATURAL STONE FINISH HOMOGENOUS CERAMIC TILES, NON-SKID TYPE (600X600mm)</p>	<p>FDL-B LIGHT GRAY COLORED CARPET TILES/ROLL OR AS APPROVED BY ARCHITECT</p>	<p>FDL-C RUBBERIZED VINYL TILES FOR PLAY AREA</p>	<p>FDL-D GRAY NON-SKID HOMOGENOUS CERAMIC BATHROOM TILES (600x600mm)</p>	<p>FDL-E WHITE COLORED HOMOGENOUS UNGLAZED PORCELAIN HALLWAY TILES (600X600mm)</p>
<p>FDL-F WOOD FINISH HOMOGENOUS PORCELAIN TIMBER TILES (200x1200mm)</p>	<p>FDL-G POLISHED CONCRETE</p>	<p>FDL-H BROWN MARBLE FINISH HOMOGENOUS UNGLAZED PORCELAIN TILES (600X600mm)</p>	<p>FDL-I WHITE STONE FINISH CERAMIC TILES FOR STAIRS WITH ANTI-SLIP NOSING</p>	<p>FDL-J GRAY COLORED HOMOGENOUS UNGLAZED PORCELAIN HALLWAY TILES (600X600mm)</p>

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-25	A3

1
ROOF DECK FLOOR DEMARICATION LAYOUT
SCALE: 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR**
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION:
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT:
**LOT PLAN
TECHNICAL DESCRIPTION**

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

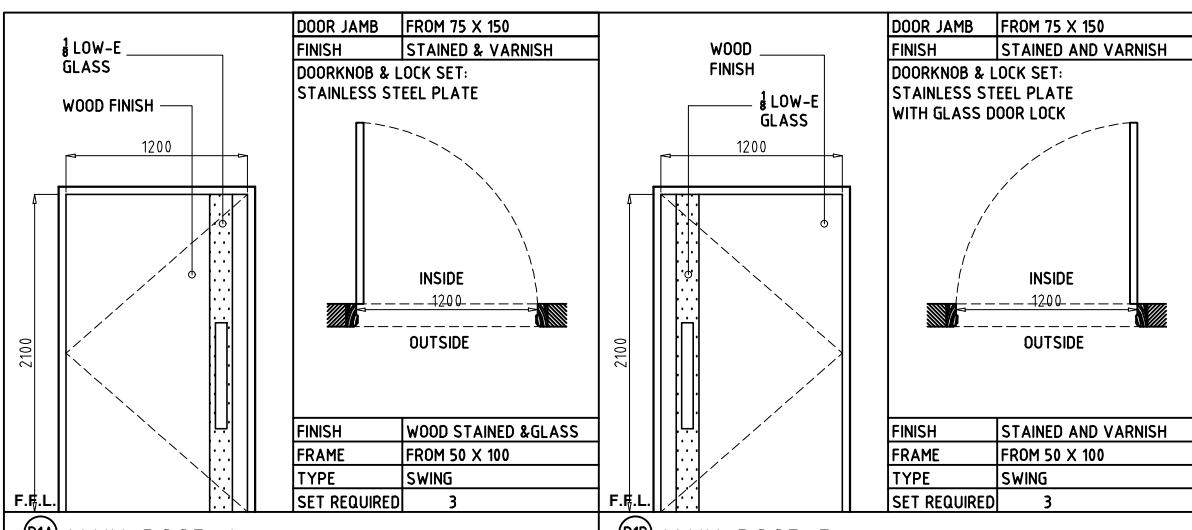
CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

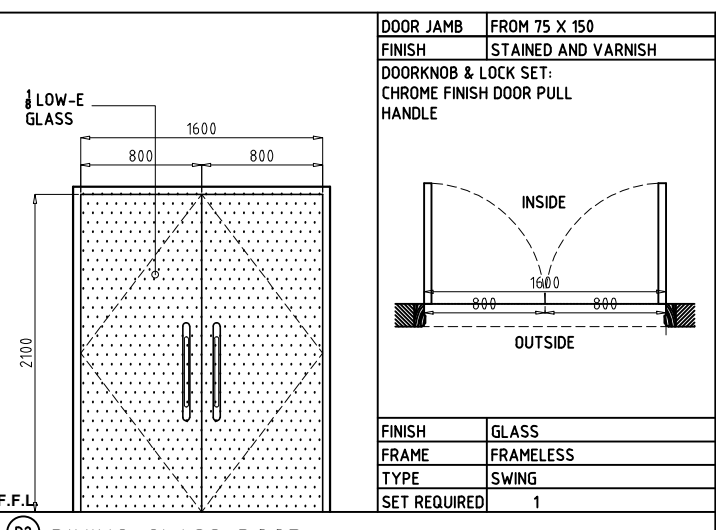
DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-26	A3

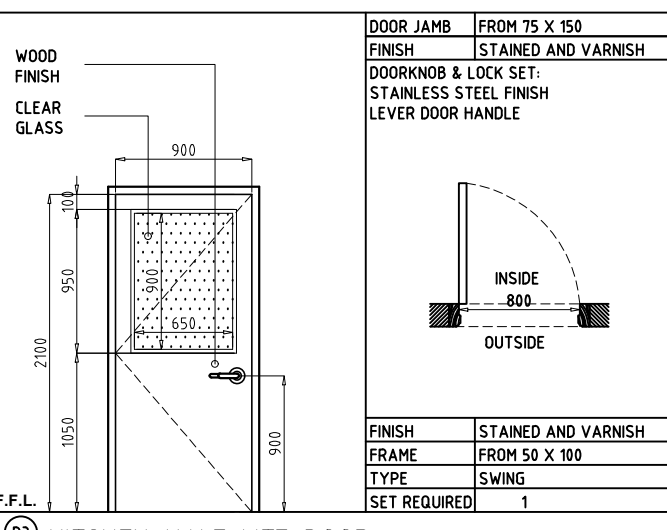


D1A MAIN DOOR A

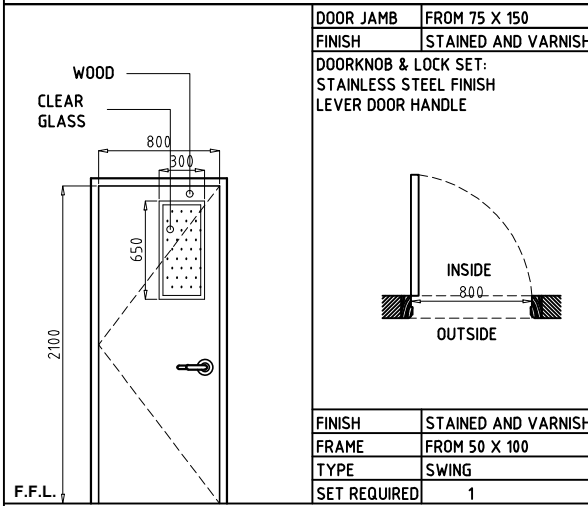
D1B MAIN DOOR B



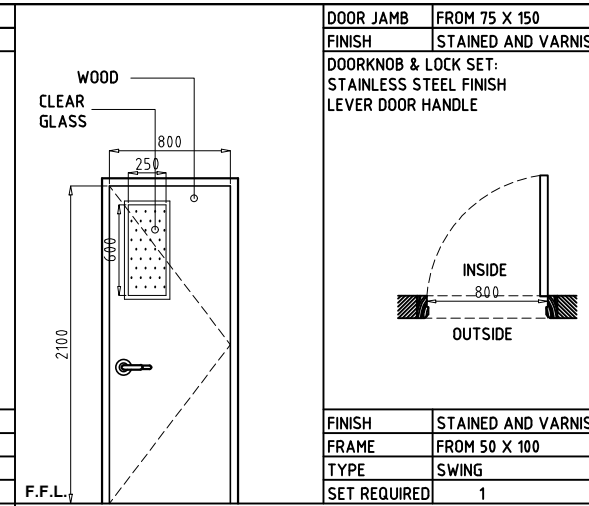
D2 DINING GLASS DOOR



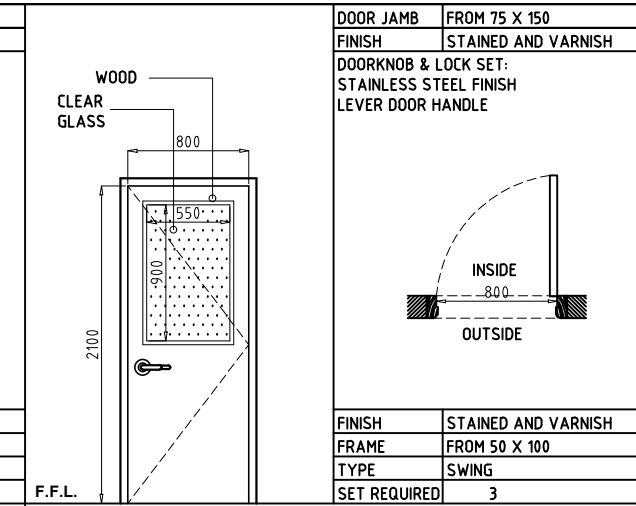
D3 KITCHEN HALF LITE DOOR



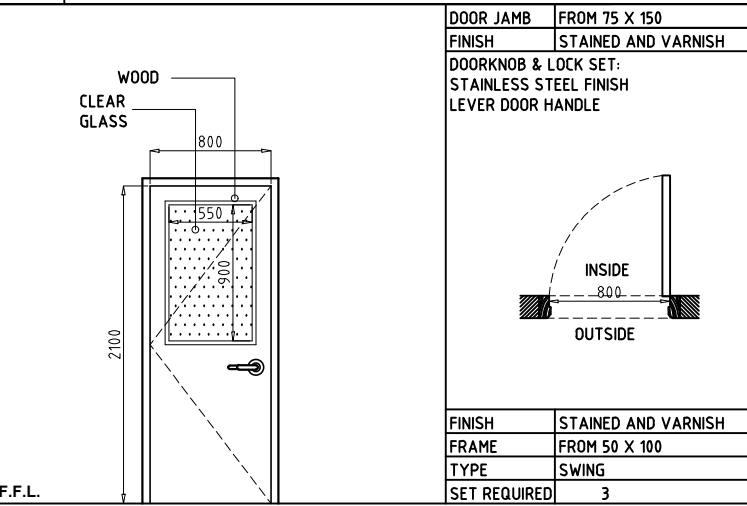
D4A HALF LITE DOOR



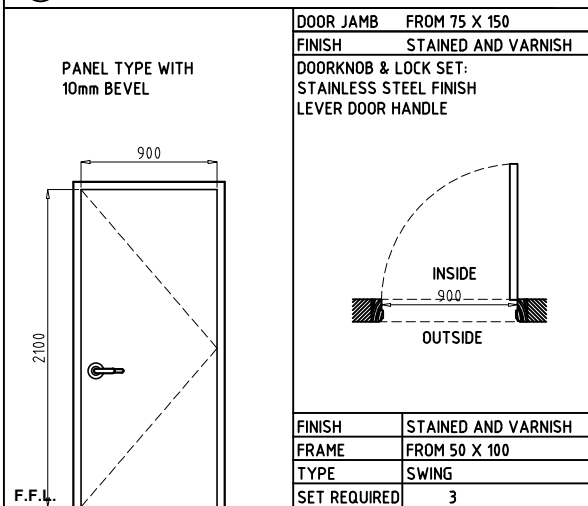
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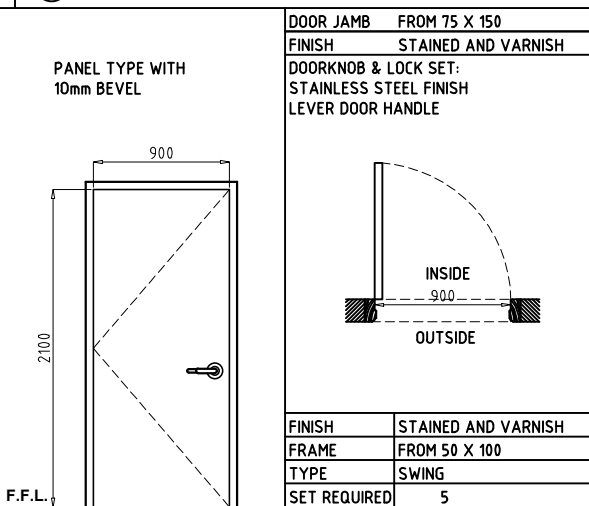
D5A PLAYROOM OBSERVATION DOOR



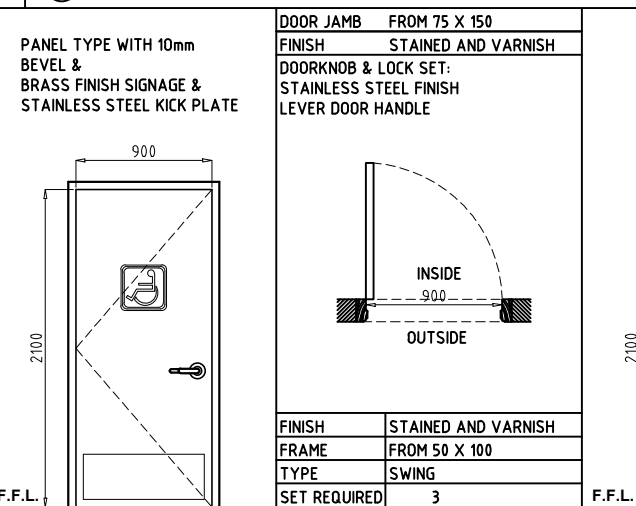
D5B OBSERVATION DOOR



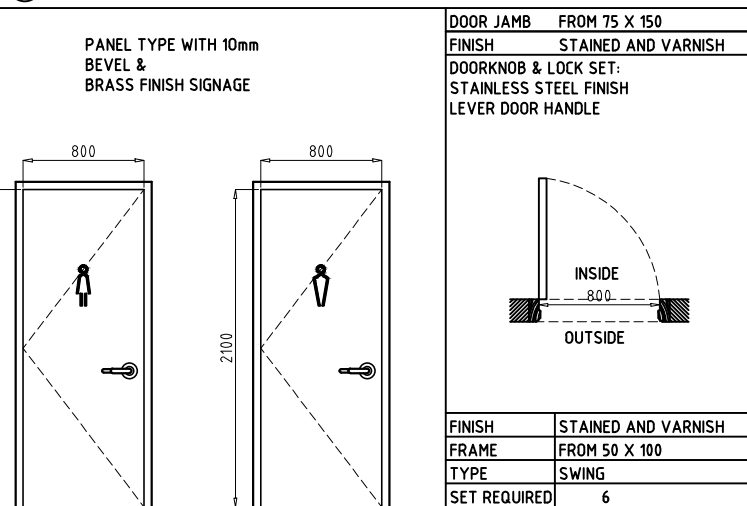
D5C GIRLS' BEDROOM DOOR



D5D BOYS' BEDROOM DOOR



D6 PWD BATHROOM DOOR



D7A BATHROOM DOOR

DOORS & WINDOWS SCHEDULE
SCALE 1:50M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION:
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT:
DOORS & WINDOWS SCHEDULE

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-27	A3

<p>(07B) BATHROOM DOOR</p>	<p>(07C) BATHROOM DOOR</p>	<p>(DB) KITCHEN PANTRY DOOR</p>	<p>(D9A) FIRE EXIT DOOR</p>
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<p>(D9B) FIRE EXIT DOOR</p>	<p>(D10A) OFFICE GLASS DOOR</p>	<p>(D10B) OFFICE GLASS DOOR</p>	<p>(D11A) PANEL DOOR</p>
------------------------------------	--	--	---------------------------------

<p>(D11B) PANEL DOOR</p>	<p>(D12) PADDED DOOR</p>	<p>(D13A) STORAGE DOOR</p>	<p>(D13B) STORAGE DOOR</p>
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1 DOORS & WINDOWS SCHEDULE
SCALE: 1:50M

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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
DOORS & WINDOWS SCHEDULE

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

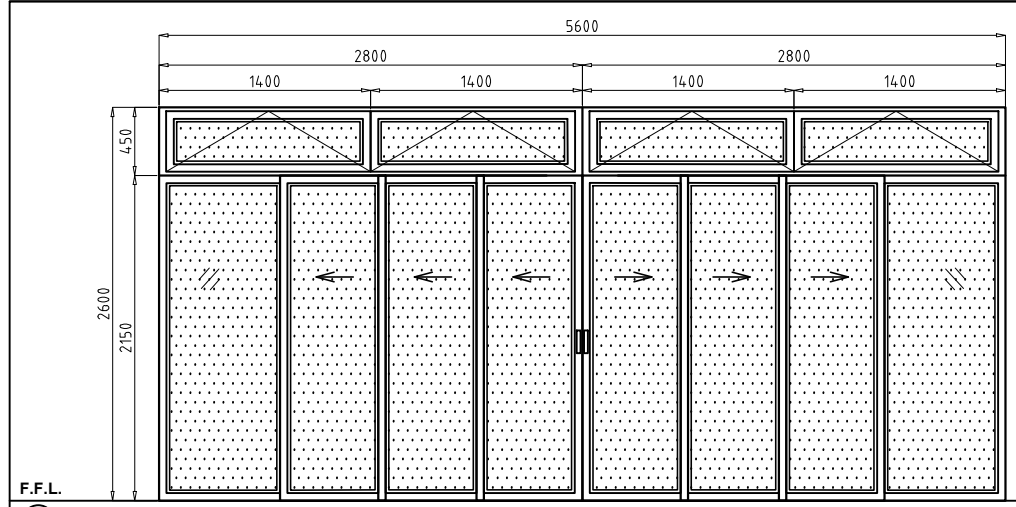
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

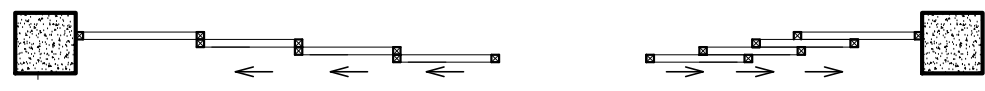
DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

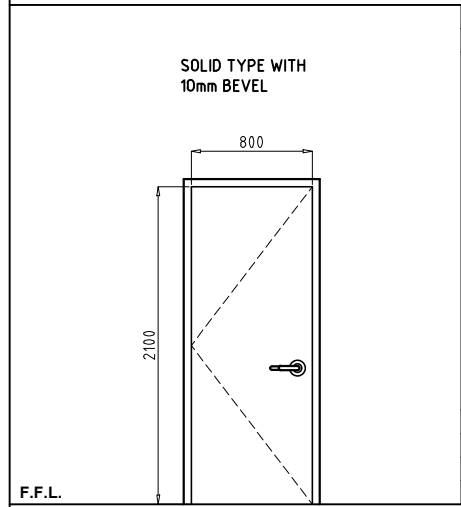


D14 SLIDING DOOR

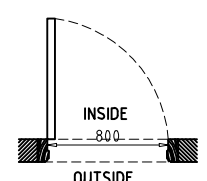
DOOR JAMB	FROM 75 X 150
FINISH	BLACK ANODIZED ALUMINUM
DOORKNOB & LOCK SET:	STAINLESS STEEL FINISH SLIDING DOOR HANDLE & LOCK



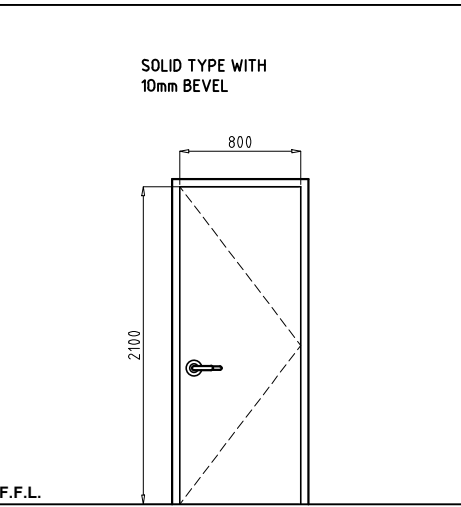
FINISH	BLACKANODIZED ALUMINUM, 1/8 LOW-E GLASS
FRAME	BLACKANODIZED ALUMINUM
TYPE	SLIDING
SET REQUIRED	1



DOOR JAMB	FROM 75 X 150
FINISH	STAINED AND VARNISH
DOORKNOB & LOCK SET:	STAINLESS STEEL FINISH LEVER DOOR HANDLE

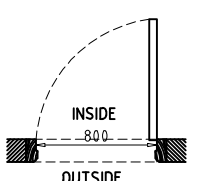


FINISH	STAINED AND VARNISH
FRAME	FROM 50 X 100
TYPE	SWING
SET REQUIRED	1

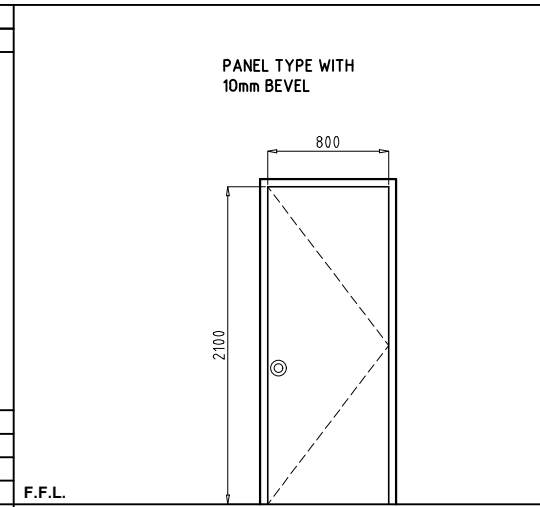


D15 CONFERENCE ROOM DOOR

DOOR JAMB	FROM 75 X 150
FINISH	STAINED AND VARNISH
DOORKNOB & LOCK SET:	STAINLESS STEEL FINISH LEVER DOOR HANDLE

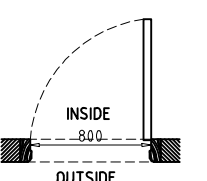


FINISH	STAINED AND VARNISH
FRAME	FROM 50 X 100
TYPE	SWING
SET REQUIRED	1



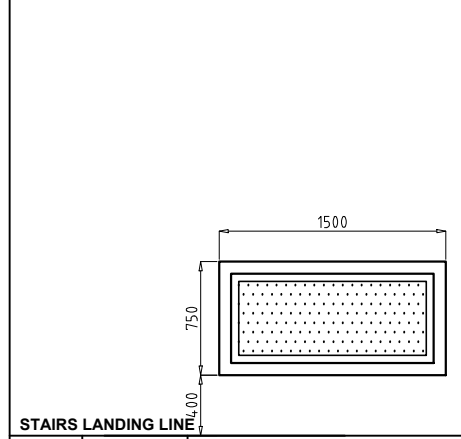
D16 ACCESS DOOR

DOOR JAMB	FROM 75 X 150
FINISH	STAINED AND VARNISH
DOORKNOB & LOCK SET:	STAINLESS STEEL FINISH DOOR HANDLE

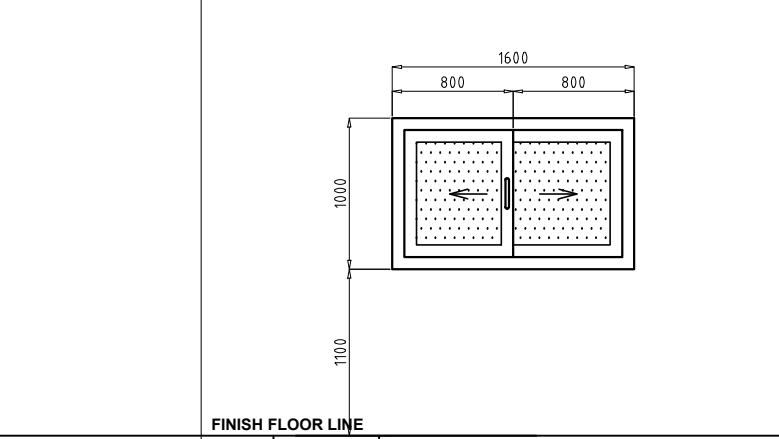


FINISH	STAINED AND VARNISH
FRAME	FROM 50 X 100
TYPE	SWING
SET REQUIRED	2

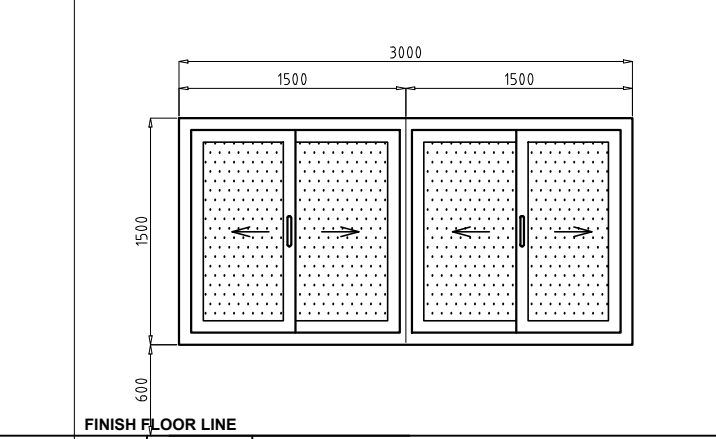
D15A CONFERENCE ROOM DOOR



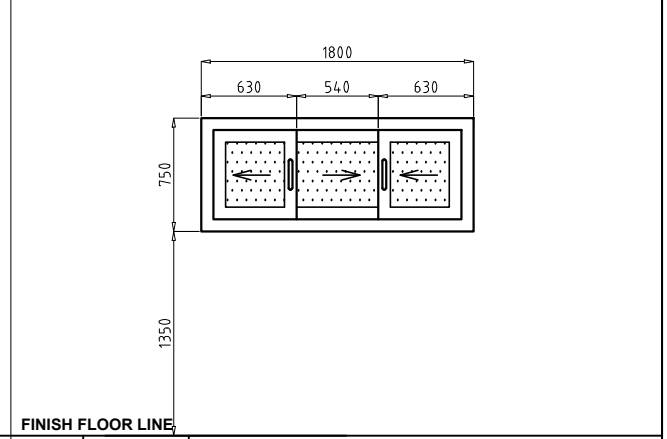
FRAME	UPVC POWDER COATED
TYPE	FIXED
SET REQUIRED	6
USE 1/8 CLEAR LOW-E GLASS	



FRAME	UPVC POWDER COATED
TYPE	SLIDING
SET REQUIRED	10
USE 1/8 CLEAR LOW-E GLASS	



FRAME	UPVC POWDER COATED
TYPE	SLIDING
SET REQUIRED	9
USE 1/8 CLEAR LOW-E GLASS	



FRAME	UPVC POWDER COATED
TYPE	SLIDING
SET REQUIRED	10
USE 1/8 CLEAR LOW-E GLASS	

1 DOORS & WINDOWS SCHEDULE
SCALE: 1:50M

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-28	A3

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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION:
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT:
DOORS & WINDOWS SCHEDULE

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

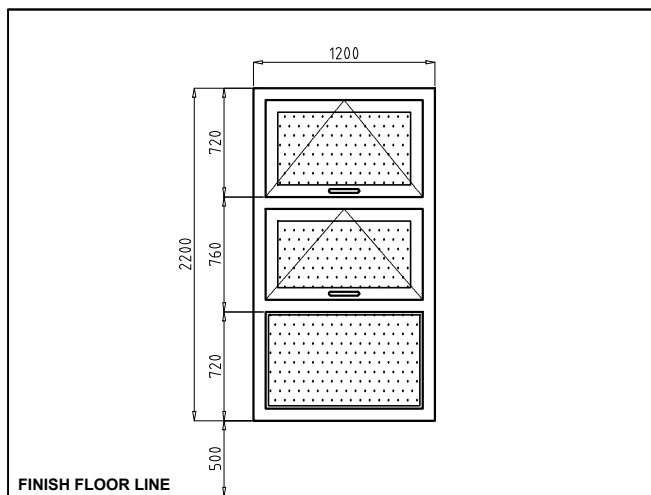
PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

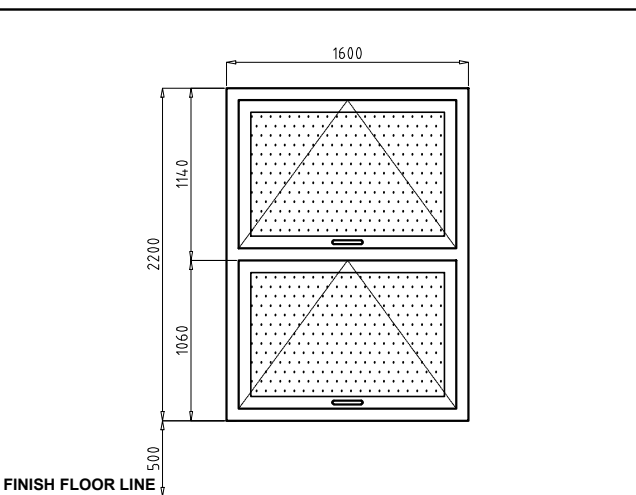
DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

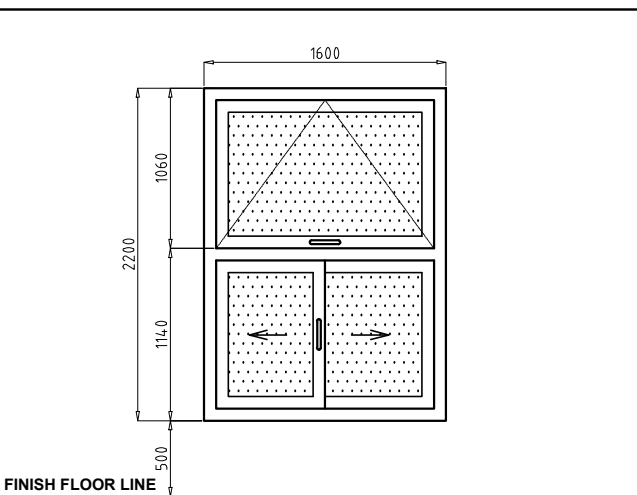
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-29	A3



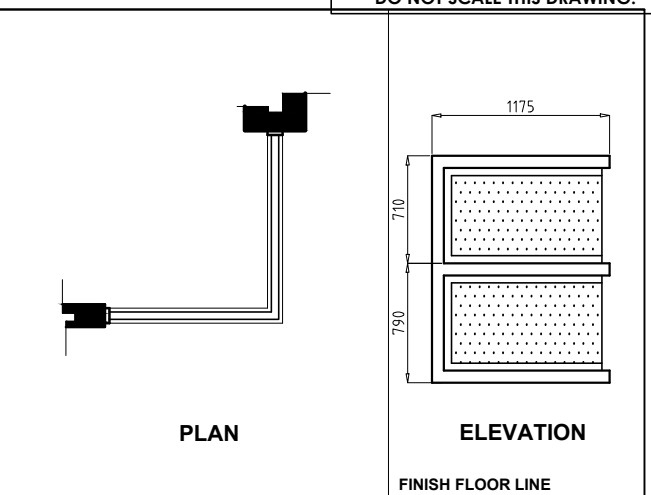
FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE FIXED & AWNING
SET REQUIRED 6
USE 1/8 CLEAR LOW-E GLASS



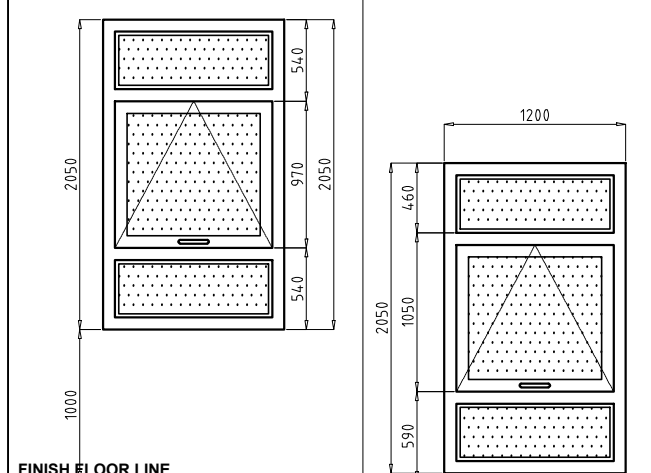
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FRAME uPVC POWDER COATED
TYPE AWNING
SET REQUIRED 4
USE 1/8 CLEAR LOW-E GLASS



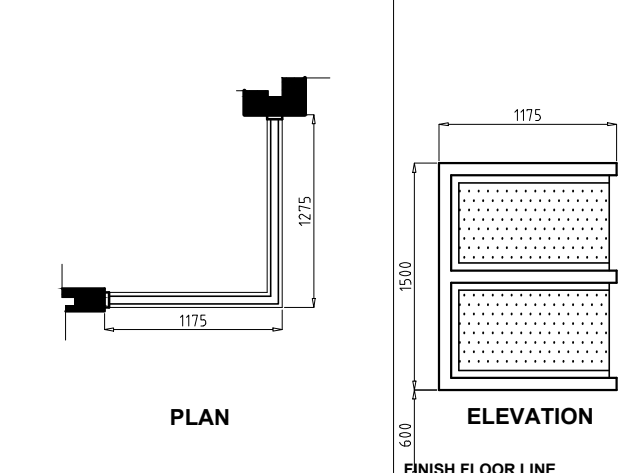
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FRAME uPVC POWDER COATED
TYPE SLIDING & AWNING
SET REQUIRED 2
USE 1/8 CLEAR LOW-E GLASS



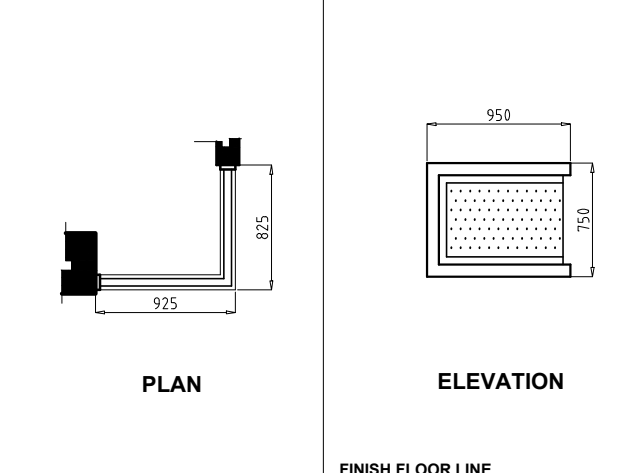
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FRAME uPVC POWDER COATED
TYPE FIXED, CORNER
SET REQUIRED 3
USE 1/8 CLEAR LOW-E GLASS



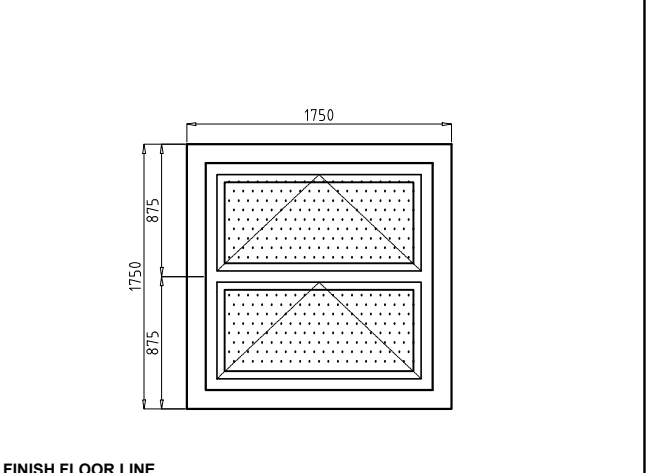
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FRAME uPVC POWDER COATED
TYPE FIXED & AWNING
SET REQUIRED 4
USE 1/8 CLEAR LOW-E GLASS



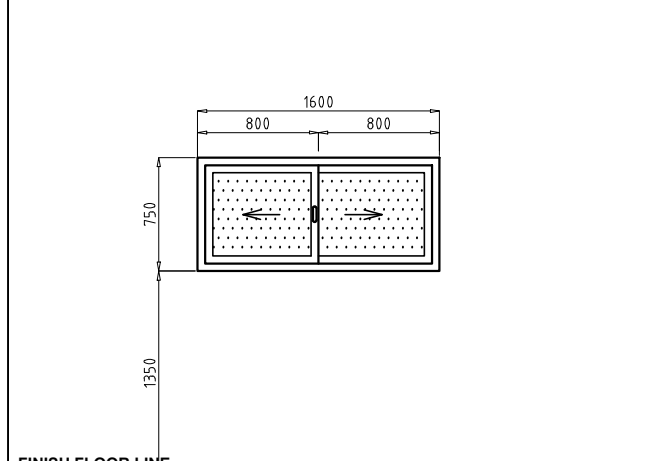
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FRAME uPVC POWDER COATED
TYPE FIXED, CORNER
SET REQUIRED 3
USE 1/8 CLEAR LOW-E GLASS



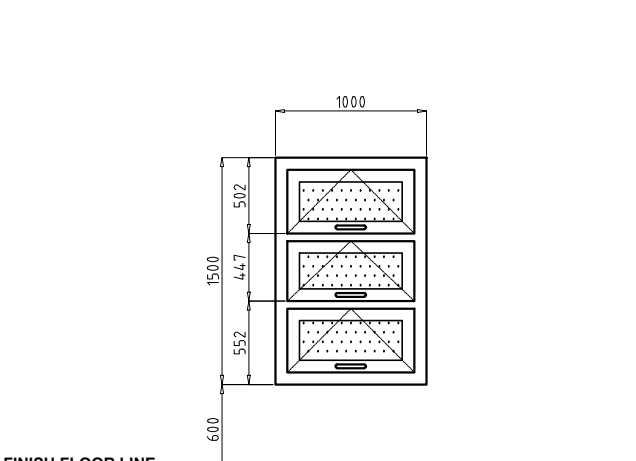
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FRAME uPVC POWDER COATED
TYPE FIXED, CORNER
SET REQUIRED 3
USE 1/8 CLEAR LOW-E GLASS



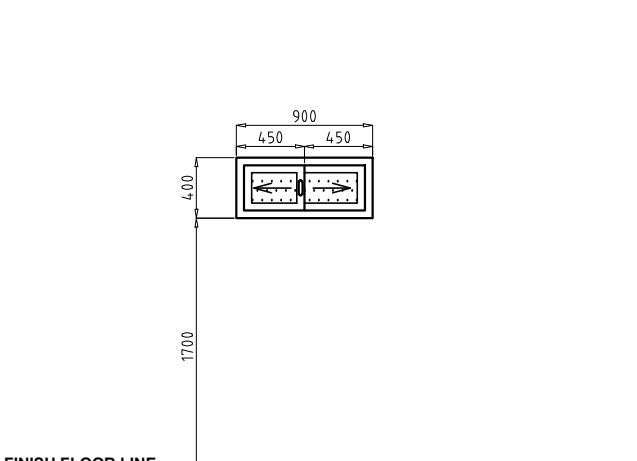
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TYPE AWNING
SET REQUIRED 6
USE 1/8 CLEAR LOW-E GLASS



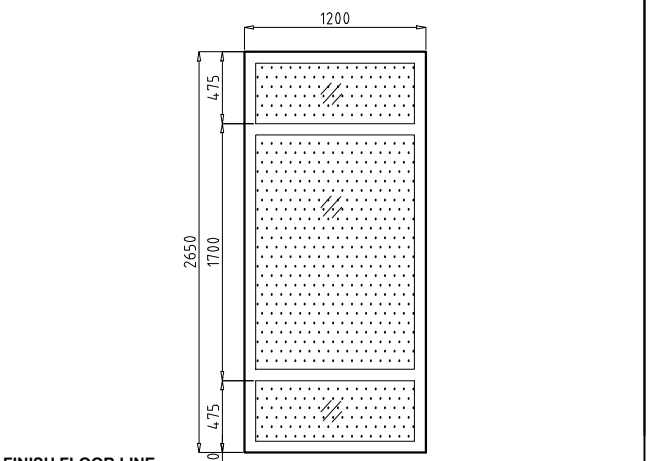
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FRAME uPVC POWDER COATED
TYPE SLIDING
SET REQUIRED 3
USE 1/8 CLEAR LOW-E GLASS



FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE AWNING
SET REQUIRED 12
USE 1/8 CLEAR LOW-E GLASS



FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE SLIDING
SET REQUIRED 17
USE 1/8 CLEAR LOW-E GLASS



FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE FIXED
SET REQUIRED 2
USE 1/8 CLEAR LOW-E GLASS

1
A 28
DOORS & WINDOWS SCHEDULE
SCALE 1:50M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
DOORS & WINDOWS SCHEDULE

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

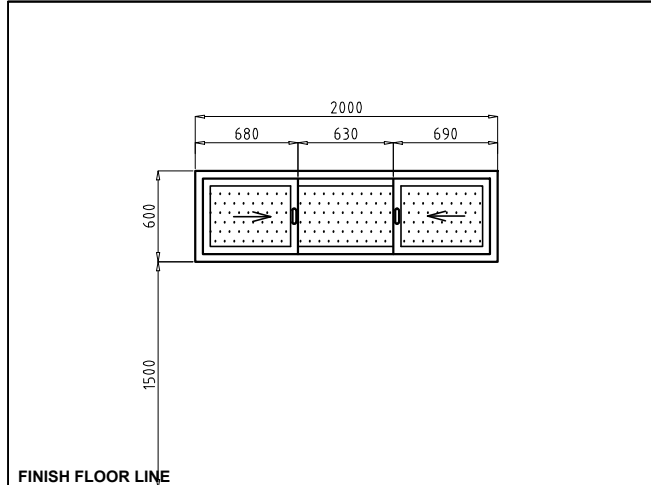
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

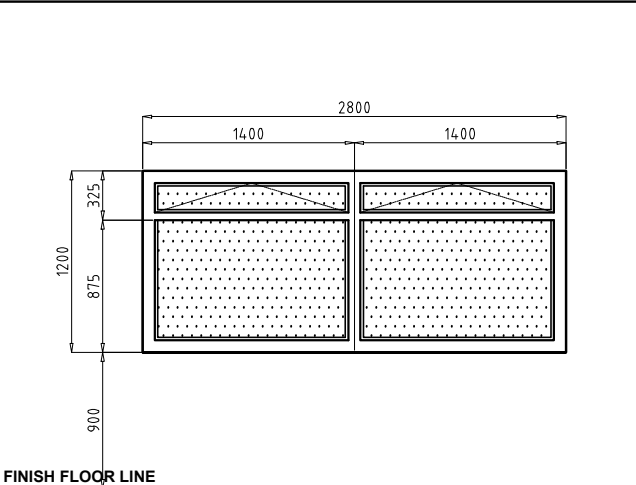
DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

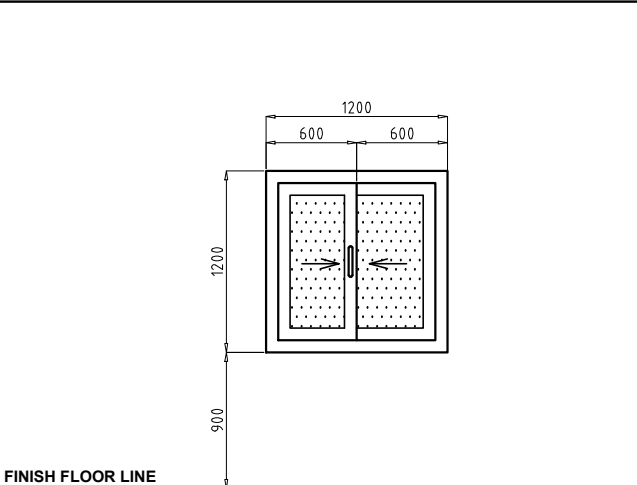
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	A-30	A3



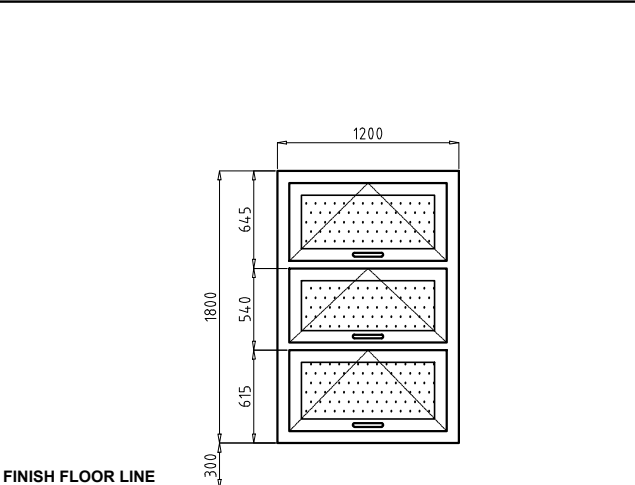
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FRAME uPVC POWDER COATED
TYPE FIXED & SLIDING
SET REQUIRED 2
USE 1/8 CLEAR LOW-E GLASS



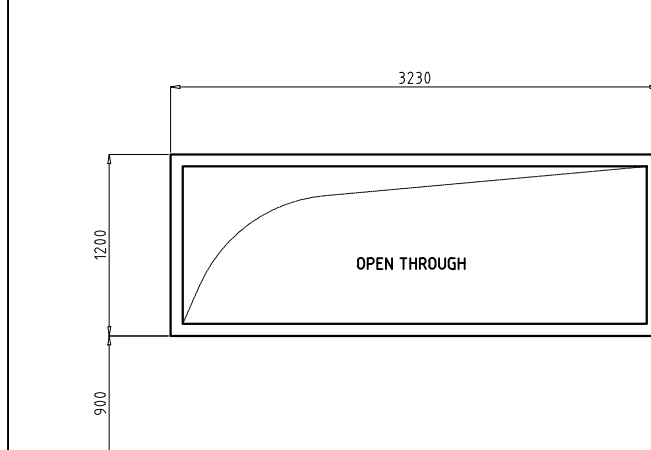
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FRAME uPVC POWDER COATED
TYPE FIXED & AWNING
SET REQUIRED 6
USE 1/8 CLEAR LOW-E GLASS



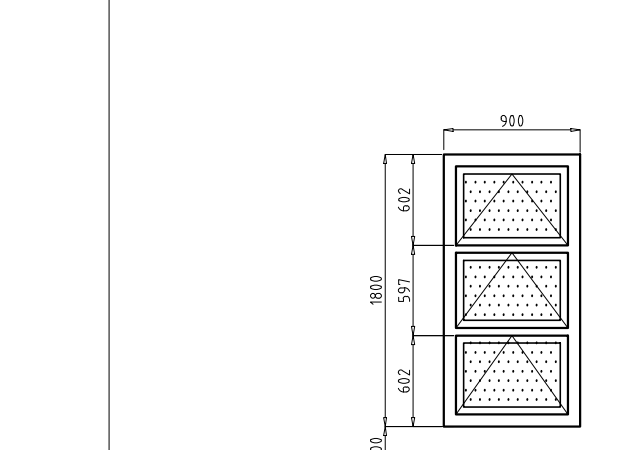
FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE SLIDING
SET REQUIRED 3
USE 1/8 CLEAR LOW-E GLASS



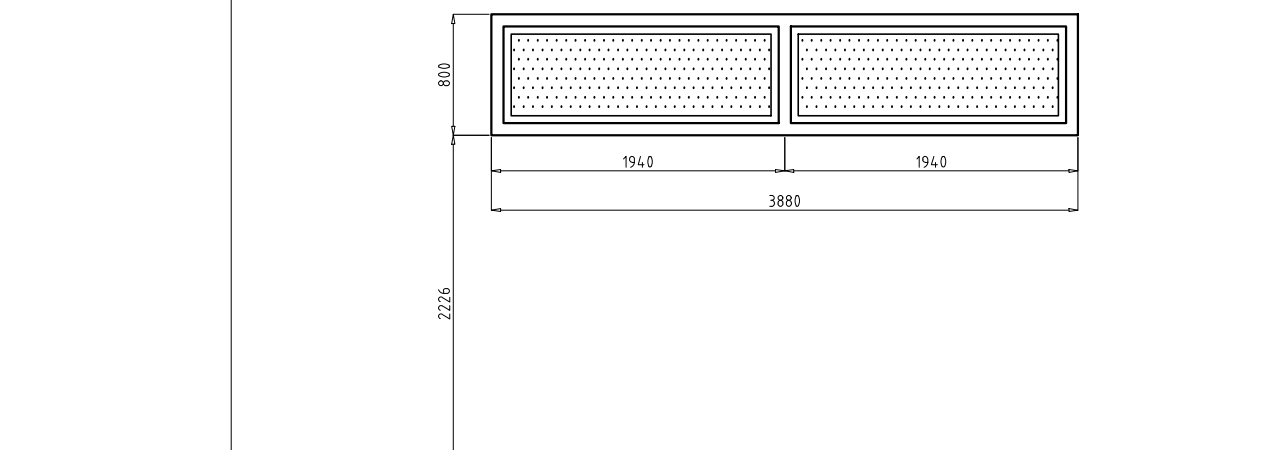
FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE AWNING
SET REQUIRED 2
USE 1/8 CLEAR LOW-E GLASS



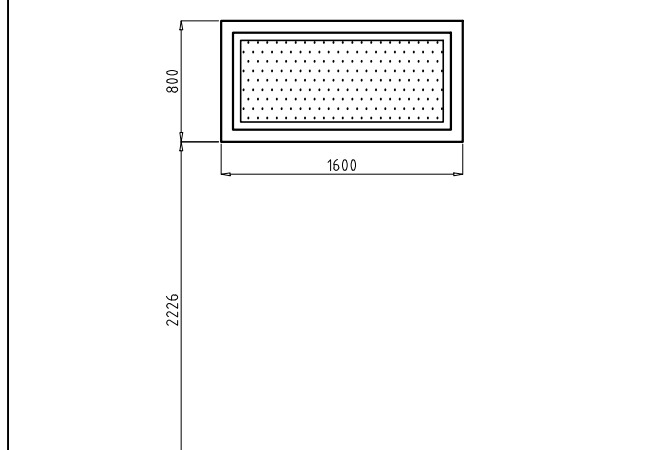
FINISH FLOOR LINE
FRAME WOOD STAINED & VARNISHED
TYPE NO GLASS, OPEN THROUGH
SET REQUIRED 1



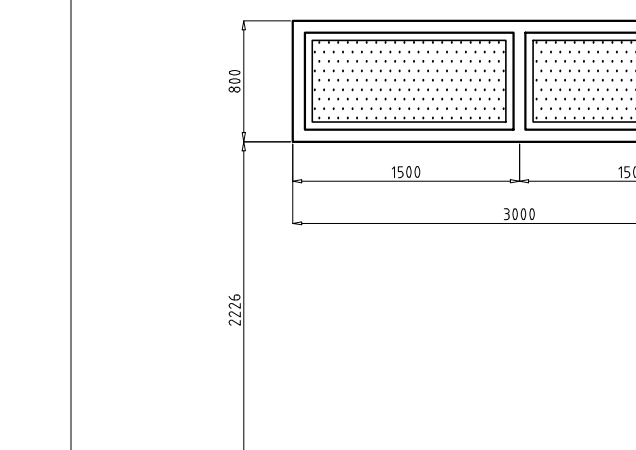
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FRAME uPVC POWDER COATED
TYPE AWNING
SET REQUIRED 2
USE 1/8 CLEAR LOW-E GLASS



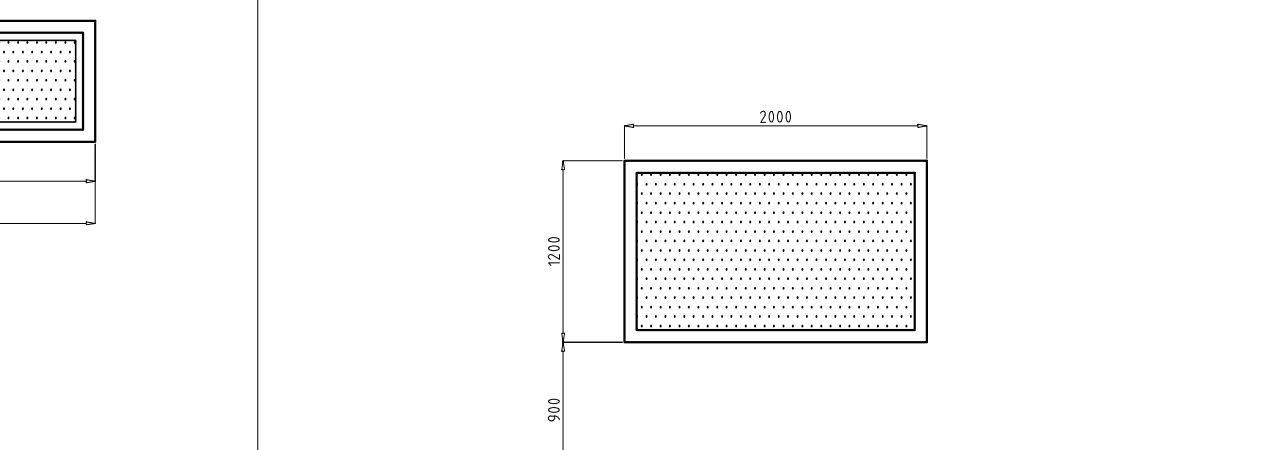
FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE FIXED
SET REQUIRED 2
USE 1/8 CLEAR LOW-E GLASS



FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE FIXED
SET REQUIRED 1
USE 1/8 CLEAR LOW-E GLASS



FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE FIXED
SET REQUIRED 1
USE 1/8 CLEAR LOW-E GLASS

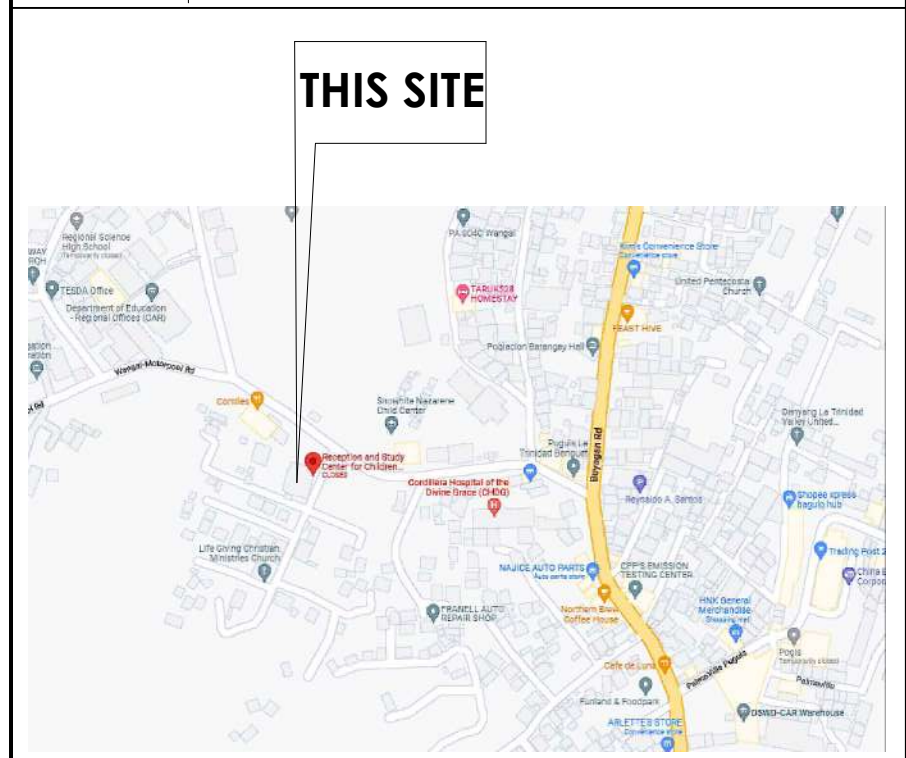


FINISH FLOOR LINE
FRAME uPVC POWDER COATED
TYPE FIXED
SET REQUIRED 1
USE 1/4 ONE-WAY MIRROR ACRYLIC

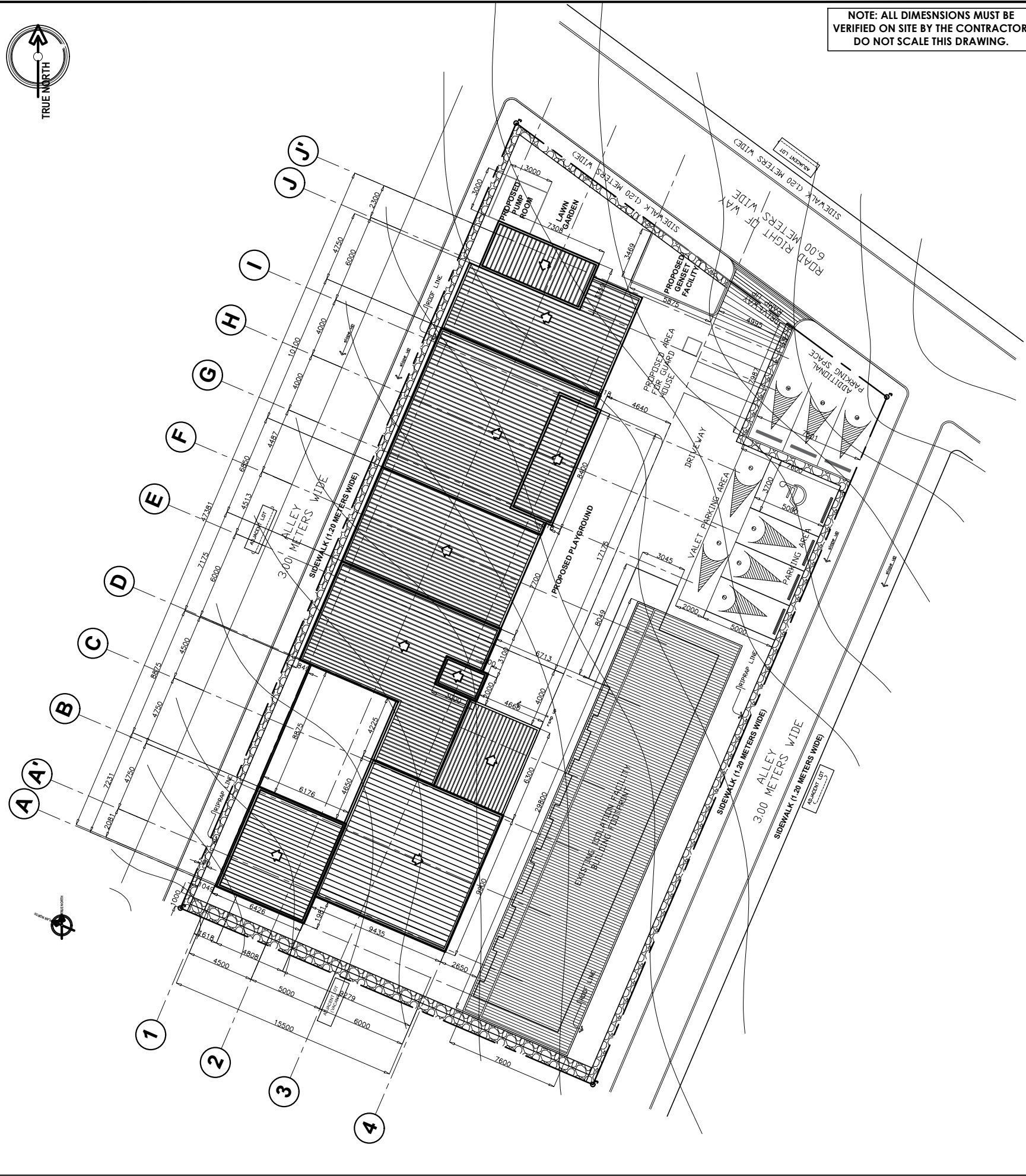
DOORS & WINDOWS SCHEDULE
 SCALE 1:50M



1
E 1 SCALE EXTERIOR PERSPECTIVE NTS



2
E 1 SCALE VICINITY MAP AS SHOWN



3
E 1 SCALE SITE DEVELOPMENT PLAN 1:250M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.

 ADMINISTRATIVE DIVISION FIELD OFFICE CAR <small>DSWD-AS-GF-058 REV 01 22 DEC 2021</small>		
PROJECT NAME :		
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING		
LOCATION :		
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET		
SHEET CONTENT :		
EXTERIOR PERSPECTIVE VICINITY MAP SITE DEVELOPMENT PLAN		
APPROVED BY		
<u>LEO L. QUINTILLA</u> Regional Director		
CONFORMED BY		
<u>AMELYN P. CABRERA</u> OIC-ARD for Operations		
CHECKED BY		
<u>RICHARD A. REAMICO</u> Administrative Officer I, BGMS Head		
PREPARED/DESIGNED BY		
<u>BERNARD L. ANGAYON</u> Engineer II, BGMS		
PROJECT/TA No.:		
DATE SUBMITTED: SEPTEMBER 12, 2022		
DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-1	A3



NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION:
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT:
LIGHTING LAYOUTS

APPROVED BY
LEO L. QUINTILLA
Regional Director

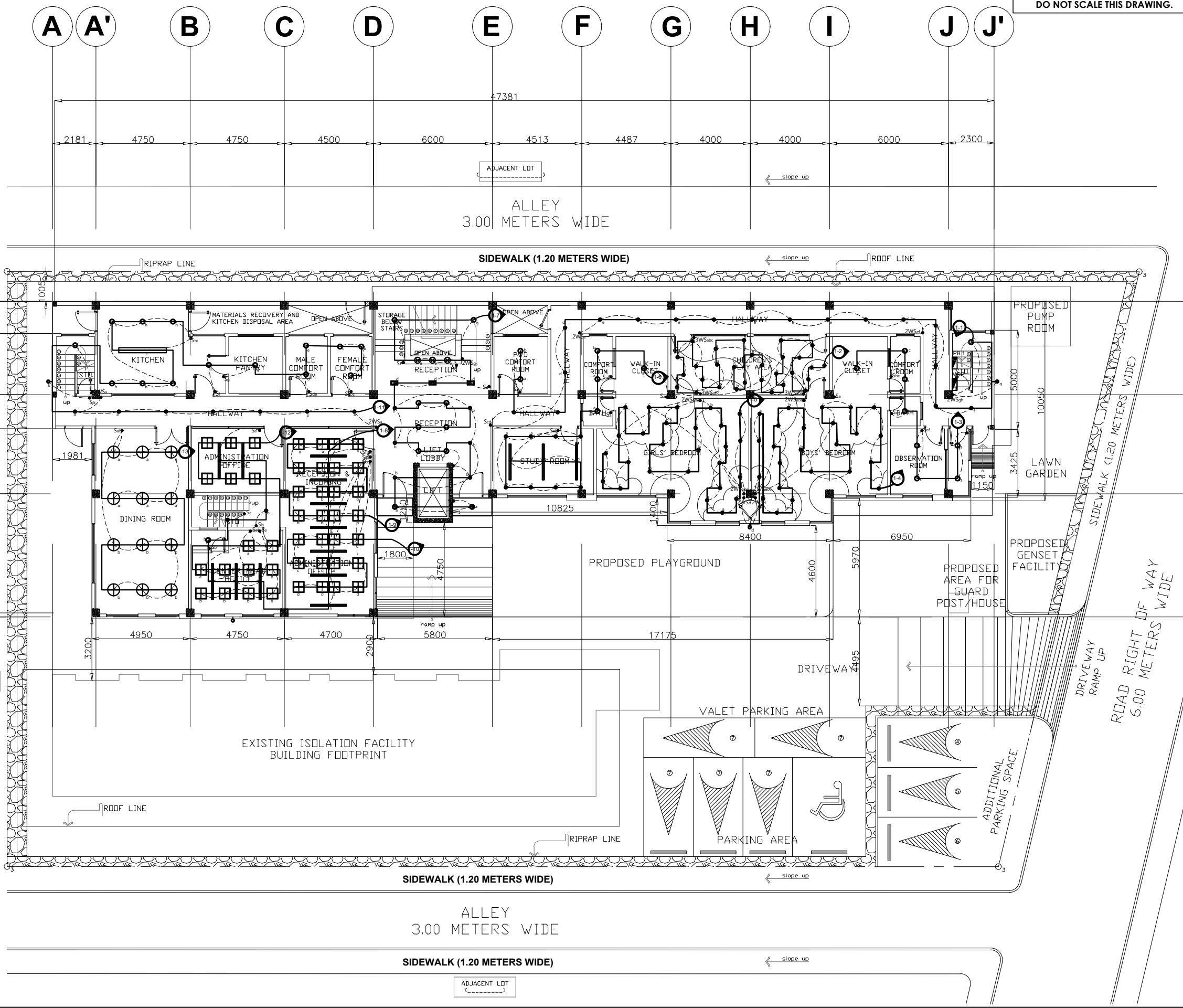
CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY



- LEGENDS**
- TROUGHER LIGHT
 - DROP LIGHT (DECORATIVE)
 - DROP LIGHT (DECORATIVE)
 - BAR LIGHTS
 - PIN LIGHT (6 WATTS)
 - PIN LIGHT (18 WATTS)
 - WALL SCONCE
 - SURFACE MOUNTED DOWNLIGHT
 - DIRECTIONAL DOWNLIGHT
 - TRACK LIGHT

GROUND FLOOR LIGHTING LAYOUT
SCALE 1:200M

DSWD Field Office Cordillera Administrative Region, 40 North Drive, 2600 Baguio City, Philippines
Email: focar@dswd.gov.ph Tel. Nos.: (6374) 446-5961/662-0430 | (6302) 396-6580
Mobile Nos.: (63917) 871-9893/872-0256 | (63919) 065-5365 to 68 Website: www.car.dswd.gov.ph

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-2	A3

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
LIGHTING LAYOUTS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

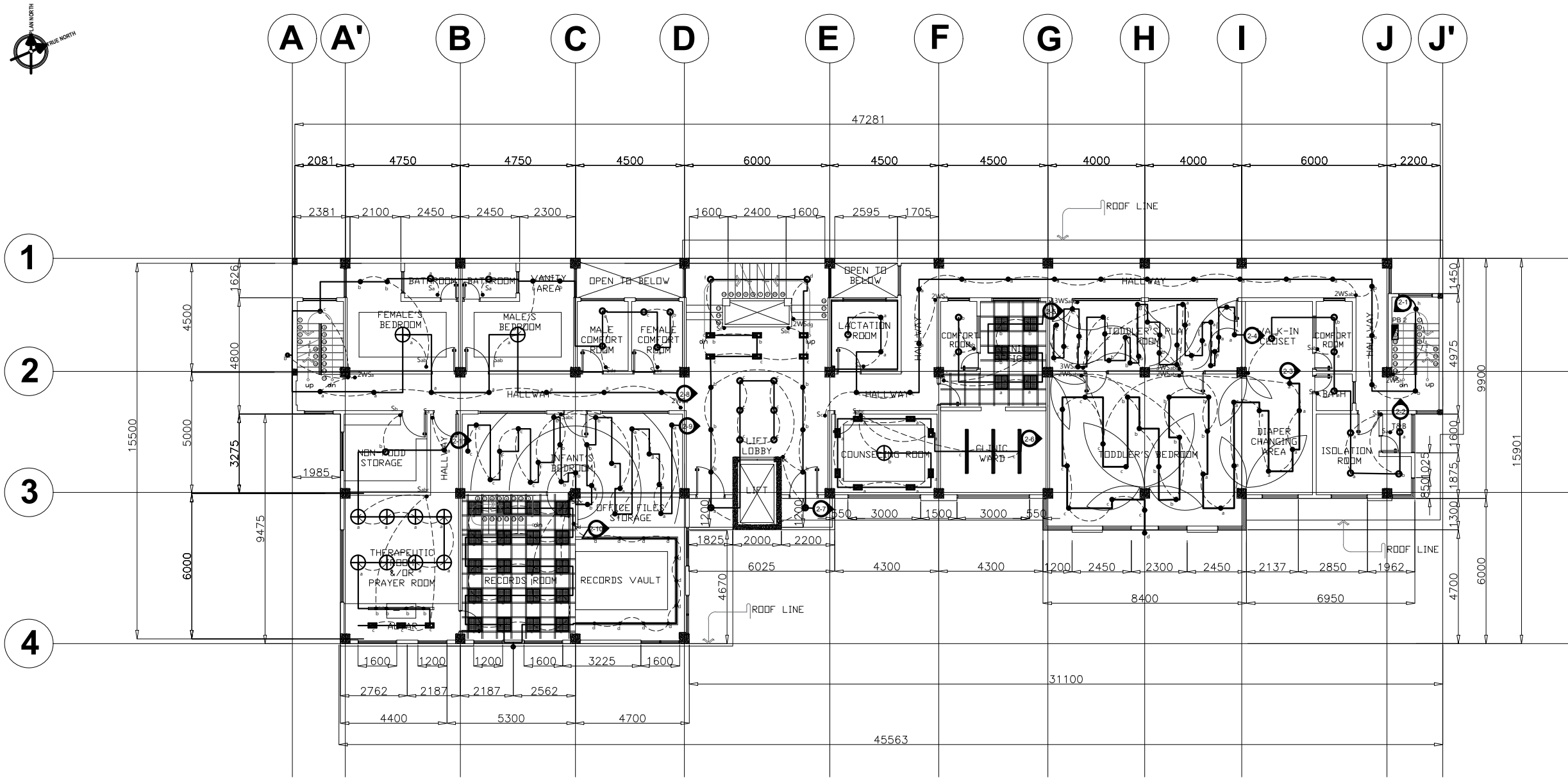
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-3	A3



LEGENDS

- TROFFER LIGHT
- DROP LIGHT (DECORATIVE)
- DROP LIGHT (DECORATIVE)
- BAR LIGHTS
- PIN LIGHT (6 WATTS)
- PIN LIGHT (18 WATTS)
- WALL SCENCE
- SURFACE MOUNTED DOWNLIGHT
- DIRECTIONAL DOWNLIGHT
- TRACK LIGHT

2
E 3 **THIRD FLOOR LIGHTING LAYOUT**
SCALE 1:200M

DSWD Field Office Cordillera Administrative Region, 40 North Drive, 2600 Baguio City, Philippines
 Email: focar@dswd.gov.ph Tel. Nos.: (6374) 446-5961/662-0430 | (6302) 396-6580
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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME:
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION:
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT:
LIGHTING LAYOUTS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

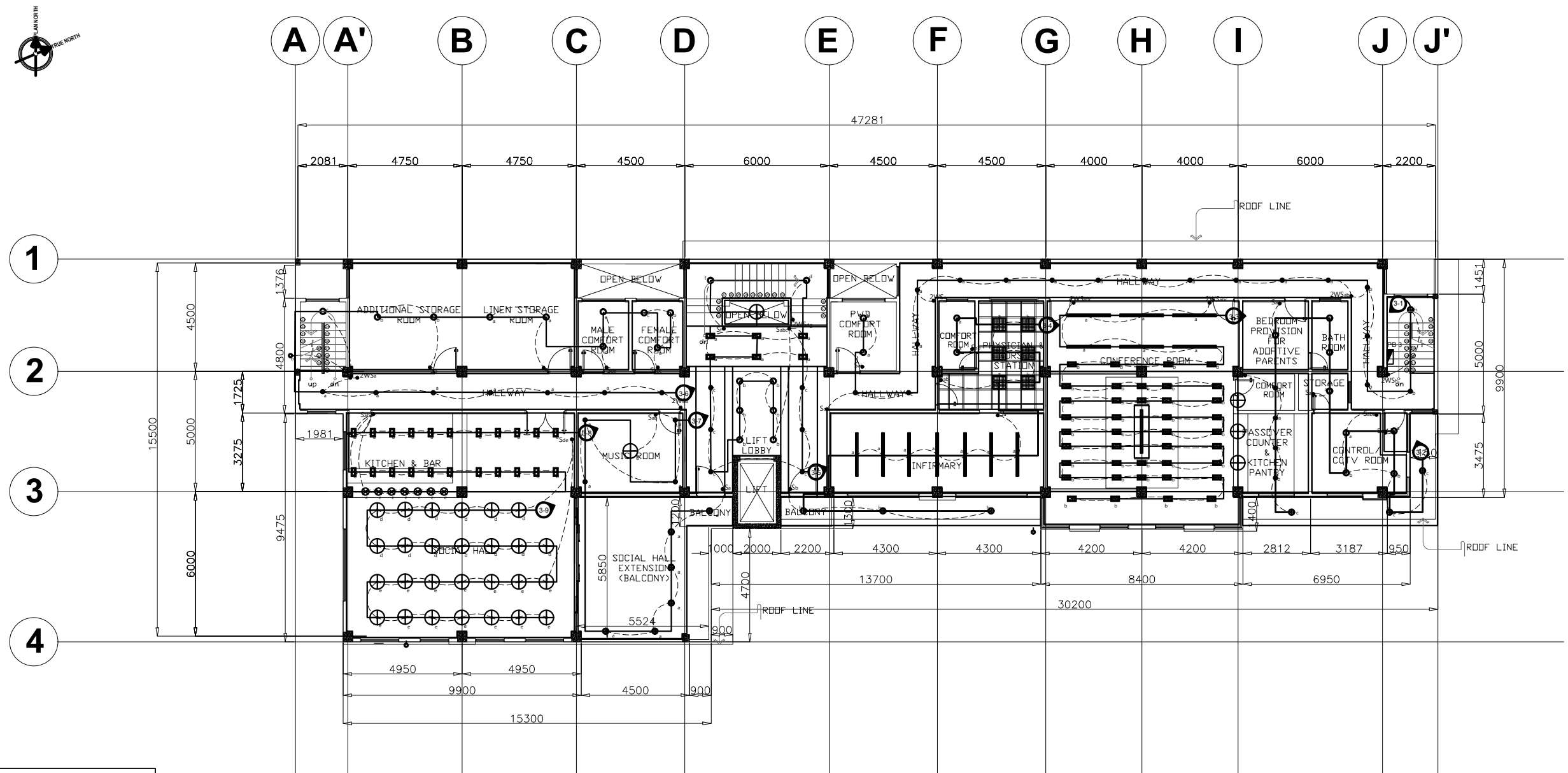
PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-4	A3



LEGENDS

	TROFFER LIGHT
	DROP LIGHT (DECORATIVE)
	DROP LIGHT (DECORATIVE)
	BAR LIGHTS
	PIN LIGHT (6 WATTS)
	PIN LIGHT (18 WATTS)
	WALL SCONCE
	SURFACE MOUNTED DOWNLIGHT
	DIRECTIONAL DOWNLIGHT
	TRACK LIGHT

1
E 4 SCALE 1:200M
ROOF DECK LIGHTING LAYOUT

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
LIGHTING LAYOUTS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

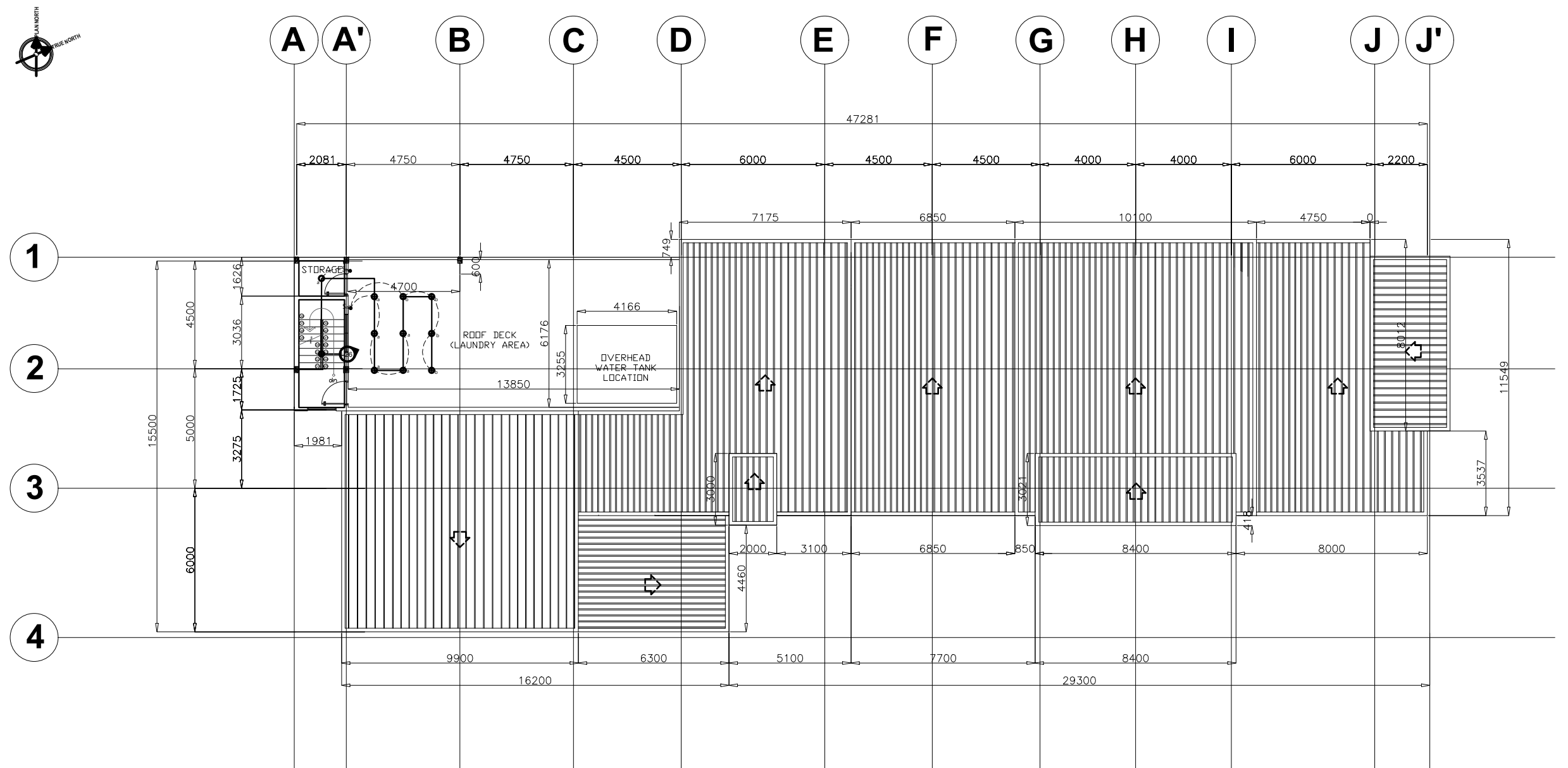
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-5	A3



LEGENDS

	TROFFER LIGHT
	DROP LIGHT (DECORATIVE)
	DROP LIGHT (DECORATIVE)
	BAR LIGHTS
	PIN LIGHT (6 WATTS)
	PIN LIGHT (18 WATTS)
	WALL SCONCE
	SURFACE MOUNTED DOWNLIGHT
	DIRECTIONAL DOWNLIGHT
	TRACK LIGHT

1
E 5 SCALE **1:200M**

ROOF DECK LIGHTING LAYOUT

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
POWER LAYOUTS

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

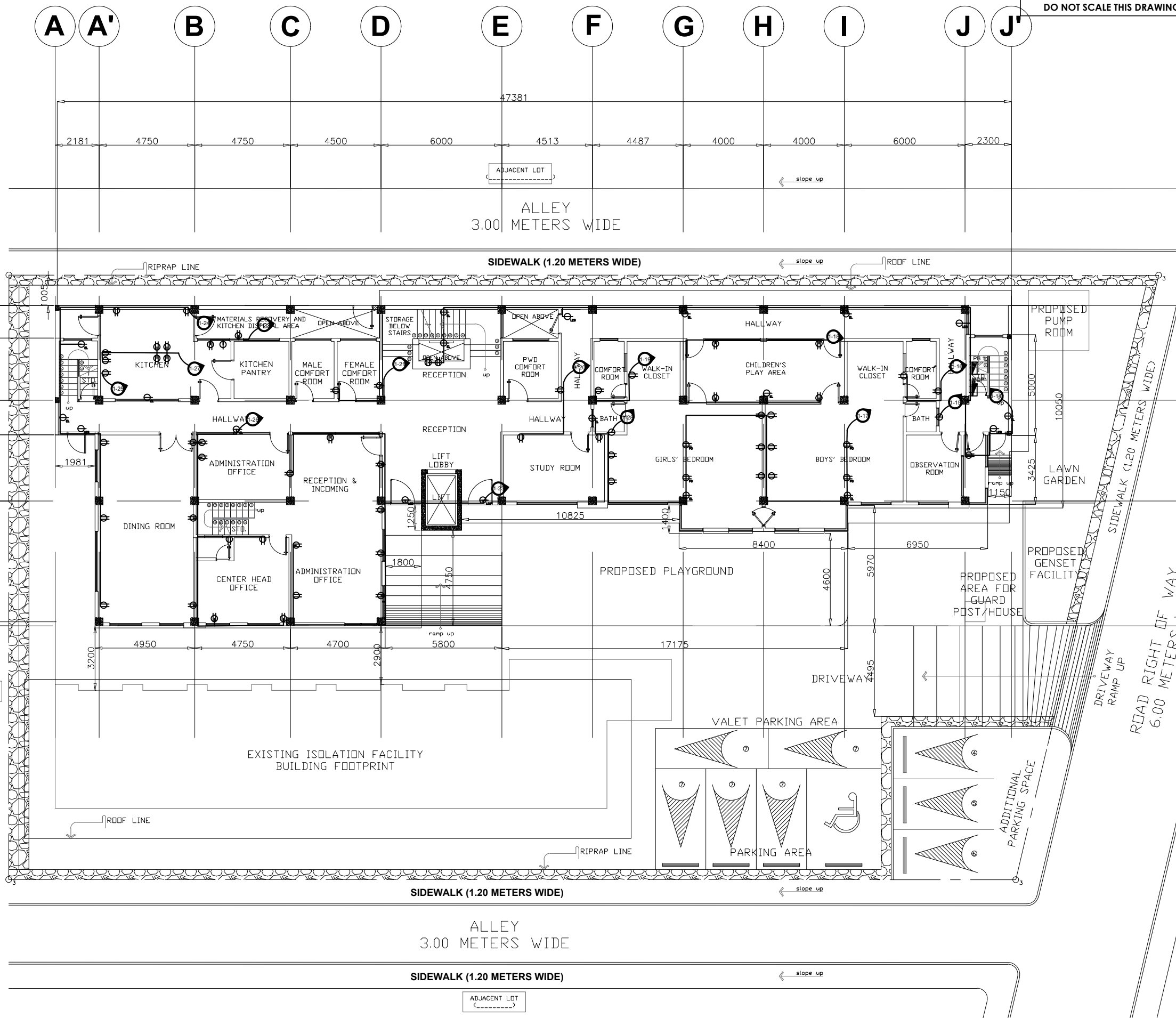
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

E E-6 A3



LEGENDS

- TROFFER LIGHT
- ⊕ DROP LIGHT (DECORATIVE)
- ⊗ DROP LIGHT (DECORATIVE)
- ▬ BAR LIGHTS
- PIN LIGHT (6 WATTS)
- PIN LIGHT (18 WATTS)
- WALL SCENCE
- SURFACE MOUNTED DOWNLIGHT
- DIRECTIONAL DOWNLIGHT
- ▬ TRACK LIGHT

GROUND FLOOR POWER LAYOUT
SCALE 1:200M

DSWD Field Office Cordillera Administrative Region, 40 North Drive, 2600 Baguio City, Philippines
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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
POWER LAYOUTS

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

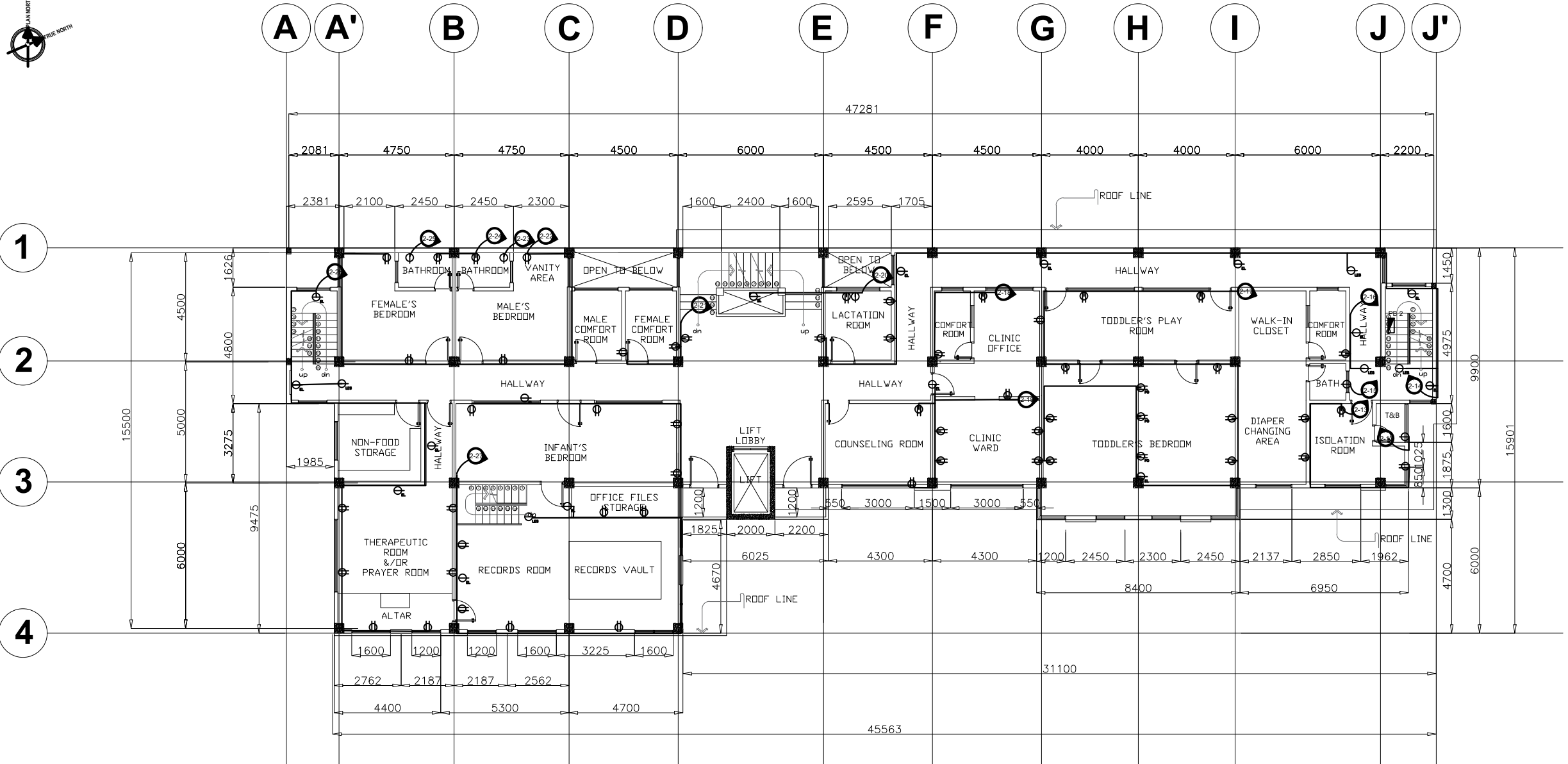
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-7	A3



LEGENDS

- TROFFER LIGHT
- DROP LIGHT (DECORATIVE)
- DROP LIGHT (DECORATIVE)
- BAR LIGHTS
- PIN LIGHT (6 WATTS)
- PIN LIGHT (18 WATTS)
- WALL SCONCE
- SURFACE MOUNTED DOWNLIGHT
- DIRECTIONAL DOWNLIGHT
- TRACK LIGHT

2
THIRD FLOOR POWER LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD CAR RECEPTION AND RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, LA TRINIDAD, BANGUI, TRINIDAD, BENGUEL

SHEET CONTENT :
POWER LAYOUTS

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

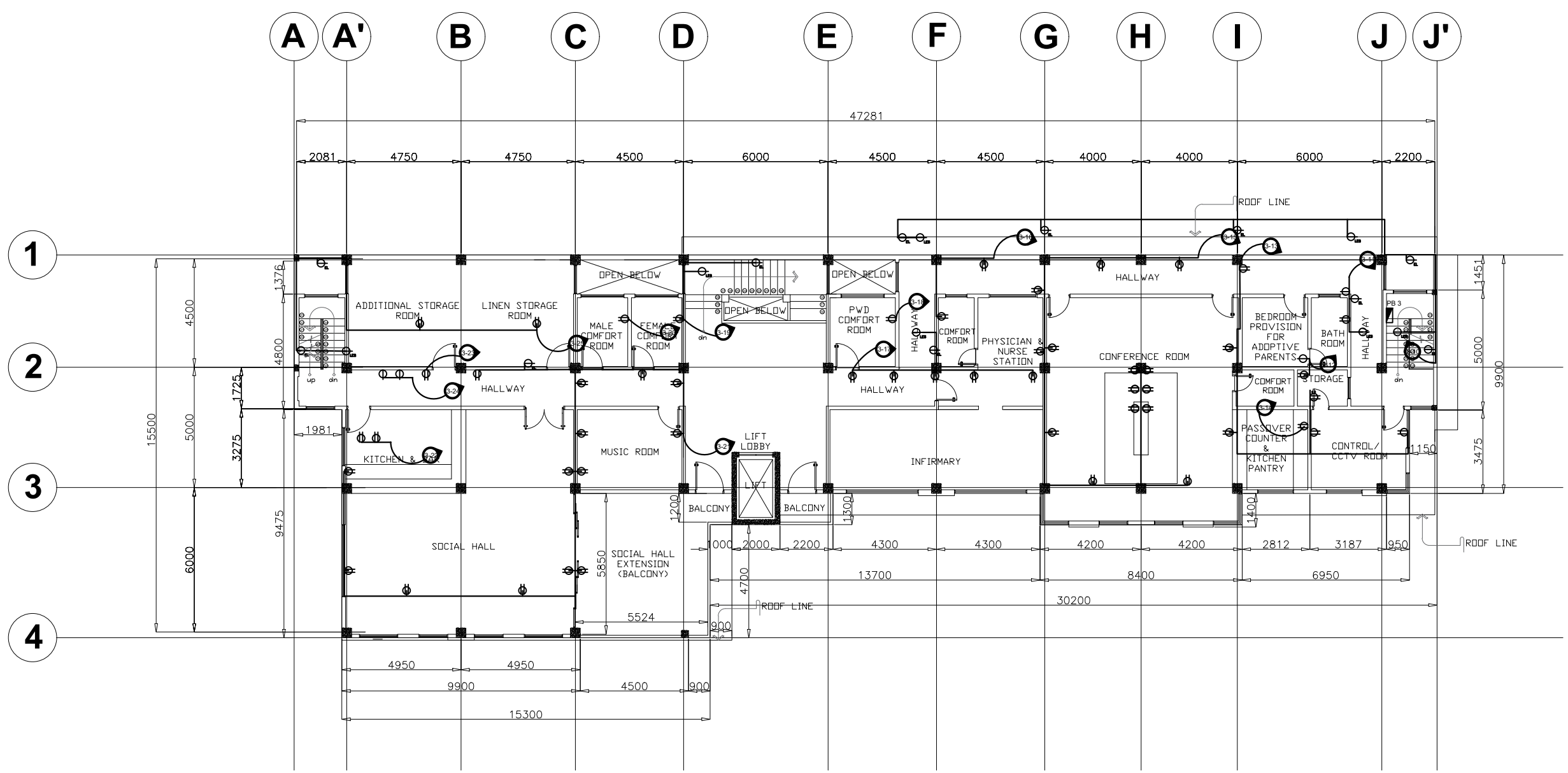
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-8	A3



LEGENDS

- TROFFER LIGHT
- DROP LIGHT (DECORATIVE)
- DROP LIGHT (DECORATIVE)
- BAR LIGHTS
- PIN LIGHT (6 WATTS)
- PIN LIGHT (18 WATTS)
- WALL SCONCE
- SURFACE MOUNTED DOWNLIGHT
- DIRECTIONAL DOWNLIGHT
- TRACK LIGHT

ROOF DECK POWER LAYOUT
 SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR**
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
POWER LAYOUTS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

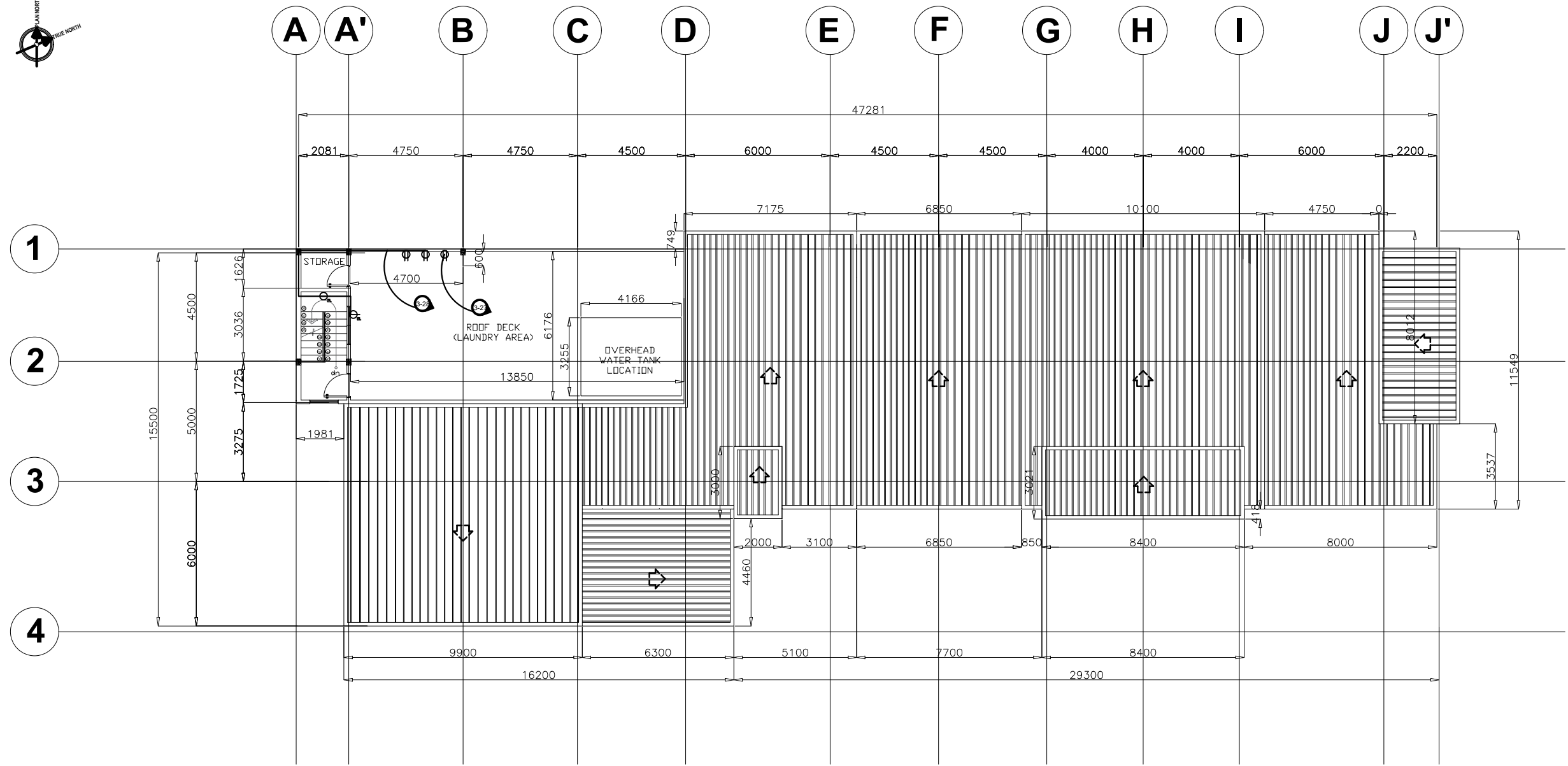
CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-9	A3



LEGENDS

- TROFFER LIGHT
- DROP LIGHT (DECORATIVE)
- DROP LIGHT (DECORATIVE)
- BAR LIGHTS
- PIN LIGHT (6 WATTS)
- PIN LIGHT (18 WATTS)
- WALL SCONCE
- SURFACE MOUNTED DOWNLIGHT
- DIRECTIONAL DOWNLIGHT
- TRACK LIGHT

ROOF DECK POWER LAYOUT
SCALE: 1:200M

PANEL BOARD 1 (PB1)

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.

SCHEDULE OF LOADS AND CALCULATION

CIRCUIT NO.	LOAD DESCRIPTION	NO. OF		VOLTS AMPS.	VOLTS	AMPERE LOAD	CB RATING		NO. & SIZE OF WIRE THHN	SIZE OF CONDUIT
		L.O.	C.O.				AT	POLE		
1--1	LIGHTING	18 - 6W PL		108	230	0.71	15	2	2 - 3.5mm ² THHN	20mmØ
		3 - 18W PL		54						
1--2	LIGHTING	29 - 6W PL		174	230	0.76	15	2	2 - 3.5mm ² THHN	20mmØ
1--3	LIGHTING	8 - 18W PL		144	230	0.63	15	2	2 - 3.5mm ² THHN	20mmØ
1--4	LIGHTING	25 - 6W PL		150	230	0.66	15	2	2 - 3.5mm ² THHN	20mmØ
1--5	LIGHTING	26 - 6W PL		156	230	0.68	15	2	2 - 3.5mm ² THHN	20mmØ
1--6	LIGHTING	8 - 6W PL		48	230	0.53	15	2	2 - 3.5mm ² THHN	20mmØ
		4 - 18W PL		72						
1--7	LIGHTING	6 - 6W PL		36	230	1.65	15	2	2 - 3.5mm ² THHN	20mmØ
		19 - 18W PL		342						
1--8	LIGHTING	13 - 18W PL		234	230					
1--9	LIGHTING	2 - 6W PL		12	230	1.07	15	2	2 - 3.5mm ² THHN	20mmØ
1--9	LIGHTING	16 - 42W TL		672	230	2.93	15	2	2 - 3.5mm ² THHN	20mmØ
1--10	LIGHTING	12 - 42W TL		504	230	2.20	15	2	2 - 3.5mm ² THHN	20mmØ
1--11	LIGHTING	15 - 18W PL		270	230	1.39	15	2	2 - 3.5mm ² THHN	20mmØ
		8 - 6W PL		48						
1--12	LIGHTING	16 - 42W TL		672	230	2.93	15	2	2 - 3.5mm ² THHN	20mmØ
1--13	LIGHTING	12 - 18W DL		324	230	1.41	15	2	2 - 3.5mm ² THHN	20mmØ
1--14	LUM. EXIT SIGN	CONVENIENCE OUTLET	5	900	230	4.54	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	5	90						
1--15	WATER HEATER		1	3500	230	15.22	30	2	2 - 5.5mm ² THHN	25mmØ
1--16	HAND DRYER	CONVENIENCE OUTLET	3	540	230	15.40	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	1	3000						
1--17	HAND DRYER	CONVENIENCE OUTLET	29	5220	230	22.78	30	2	2 - 5.5mm ² THHN	25mmØ
		EMERGENCY LIGHT	1	18						
1--18	HAND DRYER	CONVENIENCE OUTLET	8	1440	230	6.34	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	1	18						
1--19	HAND DRYER		2	6000	230	26.09	30	2	2 - 5.5mm ² THHN	25mmØ
1--20	HAND DRYER	CONVENIENCE OUTLET	1	180	230	13.83	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	1	3000						
1--21	HAND DRYER		2	6000	230	26.09	30	2	2 - 5.5mm ² THHN	25mmØ
1--22	CONVENIENCE OUTLET (KITCHEN)		5	6000	230	26.09	30	2	2 - 5.5mm ² THHN	25mmØ
1--23	LUM. EXIT SIGN	CONVENIENCE OUTLET	16	2880	230	12.68	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	2	36						
1--24	LUM. EXIT SIGN	CONVENIENCE OUTLET	10	1800	230	8.07	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	2	36						
1--25	CONVENIENCE OUTLET		2	1200	230	5.22	30	2	2 - 5.5mm ² THHN	25mmØ
1--26	CONVENIENCE OUTLET	CONVENIENCE OUTLET	18	3240	230	14.17	20	2	2 - 3.5mm ² THHN	20mmØ
		EMERGENCY LIGHT	1	18						
1--27	CONVENIENCE OUTLET		12	2160	230	9.40	30	2	2 - 5.5mm ² THHN	25mmØ
1--28	WATER HEATER		1	3500	230	15.22	30	2	2 - 5.5mm ² THHN	25mmØ
TOTAL LOAD				54868	230	238.56				

LOAD COMPUTATION	USE:
FL = (LOAD / 230) x (80% DEMAND FACTOR)	200 A
FL = 238.56 x (80% DEMAND FACTOR)	200A MAIN BREAKER
FL = 190.85 A	2 - 80mm ² THHN
	38mmØ conduit

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
ELECTRICAL LOAD COMPUTATIONS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **E** SHEET NUMBER: **E-10** PAPER SIZE: **A3**

PANEL BOARD 2 (PB2)

SCHEDULE OF LOADS AND CALCULATION

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.

CIRCUIT NO.	LOAD DESCRIPTION	NO. OF		VOLTS	AMPS.	AMPERE LOAD	CB RATING		NO. & SIZE OF WIRE THHN	SIZE OF CONDUIT
		L.O.	C.O.				AT	POLE		
2--1	LIGHTING	20 - 6W PL		120					2 - 3.5mm ² THHN	20mmØ
		1 - 18W PL		18	230	0.60	15			
2--2	LIGHTING	8 - 18W PL		144	230	0.63	15		2 - 3.5mm ² THHN	20mmØ
2--3	LIGHTING	26 - 6W PL		156	230	0.68	15		2 - 3.5mm ² THHN	20mmØ
2--4	LIGHTING	29 - 6W PL		150	230	0.66	15		2 - 3.5mm ² THHN	20mmØ
2--5	LIGHTING	2 - 18W PL		36					2 - 3.5mm ² THHN	20mmØ
		6 - 42W TL		252	230	1.26	15			
2--6	LIGHTING	20 - 18W PL		360	230	1.57	15		2 - 3.5mm ² THHN	20mmØ
2--7	LIGHTING	6 - 6W PL		36					2 - 3.5mm ² THHN	20mmØ
		22 - 18W PL		396	230	1.88	15			
2--8	LIGHTING	9 - 18W PL		162					2 - 3.5mm ² THHN	20mmØ
		13 - 6W PL		78	230	1.05	15			
2--9	LIGHTING	23 - 6W TL		138	230	0.60	15		2 - 3.5mm ² THHN	20mmØ
1--10	LIGHTING	12 - 42W TL		504	230	2.20	15		2 - 3.5mm ² THHN	20mmØ
		19 - 18W PL		342						
2--11	LIGHTING	1 - 6W PL		6	230	1.52	15		2 - 3.5mm ² THHN	20mmØ
2--12	WATER HEATER		1	3500	230	15.22	30		2 - 5.5mm ² THHN	25mmØ
2--13	CONVENIENCE OUTLET		1	180					2 - 8.0mm ² THHN	32mmØ
		HAND DRYER	3	9000	230	39.92	40			
	CONVENIENCE OUTLET		6	1080						
		EMERGENCY LIGHT	5	90						
2--14	LUM. EXIT SIGN		2	36	230	5.25	20		2 - 3.5mm ² THHN	20mmØ
2--15	WATER HEATER		1	3500	230	15.22	30		2 - 5.5mm ² THHN	25mmØ
	CONVENIENCE OUTLET		1	3000						
		EMERGENCY LIGHT	1	18						
2--16	LUM. EXIT SIGN		1	18	230	13.20	30		2 - 5.5mm ² THHN	25mmØ
2--17	CONVENIENCE OUTLET		28	5040						
		EMERGENCY LIGHT	1	18	230	22.00	30			
2--18	CONVENIENCE OUTLET		2	360	230	14.61	30		2 - 5.5mm ² THHN	25mmØ
		CONVENIENCE OUTLET	10	1800						
2--19	EMERGENCY LIGHT		1	18	230	7.91	20		2 - 3.5mm ² THHN	20mmØ
	CONVENIENCE OUTLET		1	3000						
		EMERGENCY LIGHT	1	180						
2--20	EMERGENCY LIGHT		1	18	230	13.91	30		2 - 5.5mm ² THHN	25mmØ
2--21	CONVENIENCE OUTLET		2	6000						
		CONVENIENCE OUTLET	1	180	230	26.87	30			
2--22	CONVENIENCE OUTLET		8	1440	230	6.27	20		2 - 3.5mm ² THHN	20mmØ
2--23	WATER HEATER		1	3500	230	15.22	30		2 - 5.5mm ² THHN	25mmØ
2--24	CONVENIENCE OUTLET		2	6000	230	26.09	30		2 - 5.5mm ² THHN	25mmØ
		CONVENIENCE OUTLET	10	1800						
2--25	WATER HEATER		1	3500	230	15.22	30		2 - 5.5mm ² THHN	25mmØ
	CONVENIENCE OUTLET		8	1440						
		EMERGENCY LIGHT	4	72						
2--26	LUM. EXIT SIGN		1	18	230	6.66	20		2 - 3.5mm ² THHN	20mmØ
	CONVENIENCE OUTLET		24	4320						
		EMERGENCY LIGHT	3	54						
2--27	LUM. EXIT SIGN		1	18	230	19.10	20		2 - 3.5mm ² THHN	20mmØ
TOTAL LOAD				63296	230	275.20				

LOAD COMPUTATION	USE:		
FL= (LOAD /230) x (80% DEMAND FACTOR)	225 A	225A MAIN BREAKER	
FL= 275.2 x (80% DEMAND FACTOR)		2 - 100mm ² THHN	
FL= 220.16 A		50mmØ conduit	

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
ELECTRICAL LOAD COMPUTATIONS

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY


PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-11	A3

PANEL BOARD 3 (PB3)

SCHEDULE OF LOADS AND CALCULATION

CIRCUIT NO.	LOAD DESCRIPTION	NO. OF		VOLTS	VOLTS	AMPERE LOAD	CB RATING		NO. & SIZE OF WIRE THHN	SIZE OF CONDUIT
		L.O.	C.O.				AT	POLE		
3--1	LIGHTING	17 - 6W PL		102						
		3 - 18W PL		54	230	0.68	15	2	2 - 3.5mm ² THHN	20mmØ
3--2	LIGHTING	4 - 6W PL		24						
		11 - 18W PL		198	230	0.97	15	2	2 - 3.5mm ² THHN	20mmØ
3--3	LIGHTING	87 - 18W PL		1566	230	6.81	15	2	2 - 3.5mm ² THHN	20mmØ
3--4	LIGHTING	2 - 6W PL		12						
		9 - 18W PL		162						
		6 - 42W TL		252	230	1.86	15	2	2 - 3.5mm ² THHN	20mmØ
3--5	LIGHTING	21 - 18W PL		378						
		6 - 6W PL		36	230	1.80	15	2	2 - 3.5mm ² THHN	20mmØ
3--6	LIGHTING	8 - 6W PL		48						
		10 - 18W PL		180	230	1.00	15	2	2 - 3.5mm ² THHN	20mmØ
3--7	LIGHTING	7 - 18W PL		126						
		4 - 6W PL		24	230	0.66	15	2	2 - 3.5mm ² THHN	20mmØ
3--8	LIGHTING	51 - 18W L		918	230	4.00	15	2	2 - 3.5mm ² THHN	20mmØ
3--9	LIGHTING	27 - 18W L		486	230	2.12	15	2	2 - 3.5mm ² THHN	20mmØ
3--10	EMERGENCY LIGHT		5	90						
	LUM. EXIT SIGN		3	54	230	0.63	20	2	2 - 3.5mm ² THHN	20mmØ
3--11	WATER HEATER		1	3500						
	HAND DRYER		1	3000						
	EMERGENCY LIGHT		1	18						
	LUM. EXIT SIGN		1	18	230	28.42	30	2	2 - 5.5mm ² THHN	25mmØ
3--12	CONVENIENCE OUTLET		1	180						
	REF		1	1000	230	5.14	30	2	2 - 5.5mm ² THHN	25mmØ
3--13	CONVENIENCE OUTLET		12	2160	230	9.40	20	2	2 - 3.5mm ² THHN	20mmØ
3--14	CONVENIENCE OUTLET		2	1200	230	5.22	30	2	2 - 5.5mm ² THHN	25mmØ
3--15	CONVENIENCE OUTLET		28	5040	230	21.92	20	2	2 - 3.5mm ² THHN	20mmØ
3--16	HAND DRYER		1	3000						
	CONVENIENCE OUTLET		2	360	230	14.61	30	2	2 - 5.5mm ² THHN	25mmØ
3--17	CONVENIENCE OUTLET		10	1800	230	7.83	20	2	2 - 3.5mm ² THHN	20mmØ
3--18	WATER HEATER		1	3500	230	15.22	30	2	2 - 5.5mm ² THHN	25mmØ
3--19	HAND DRYER		1	3000						
	EMERGENCY LIGHT		1	18						
	LUM. EXIT SIGN		1	18	230	13.20	30	2	2 - 5.5mm ² THHN	25mmØ
3--20	HAND DRYER		2	6000	230	26.09	30	2	2 - 5.5mm ² THHN	25mmØ
3--21	CONVENIENCE OUTLET		14	2520						
	EMERGENCY LIGHT		1	18	230	11.04	20	2	2 - 3.5mm ² THHN	20mmØ
3--22	CONVENIENCE OUTLET		4	2400	230	10.44	30	2	2 - 5.5mm ² THHN	25mmØ
3--23	CONVENIENCE OUTLET		2	1200	230	5.22	30	2	2 - 5.5mm ² THHN	25mmØ
3--24	REF		2	2000	230	8.70	30	2	2 - 5.5mm ² THHN	25mmØ
3--25	CONVENIENCE OUTLET		4	720						
	EMERGENCY LIGHT		2	36						
	LUM. EXIT SIGN		1	18	230	3.37	20	2	2 - 3.5mm ² THHN	20mmØ
3--26	LIGHTING	11 - 18W PL		198	230	0.87	15	2	2 - 3.5mm ² THHN	20mmØ
3--27	DRYER		1	5000	230	21.74	30	2	2 - 5.5mm ² THHN	25mmØ
3--28	WASHNG MACHINE		2	4800	230	20.87	30	2	2 - 5.5mm ² THHN	25mmØ
TOTAL LOAD				57432	230	249.71				

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
ELECTRICAL LOAD COMPUTATIONS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-12	A3

LOAD COMPUTATION	USE:	
FL= (LOAD /230) x (80% DEMAND FACTOR)	200 A	200A MAIN BREAKER
FL= 249.71 x (80% DEMAND FACTOR)		2 - 80mm ² THHN
FL= 199.77 A		38mmØ conduit

LOAD COMPUTATIONS

1
E 12 SCALE NTS

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.

MAIN DISTRIBUTION PANEL (MDP)

SCHEDULE OF LOADS AND CALCULATION

CIRCUIT NO.	LOAD DESCRIPTION	NO. OF		VOLTS AMPS.	VOLTS	AMPERE LOAD (80%)	CB RATING		NO. & SIZE OF WIRE THHN	SIZE OF CONDUIT
		L.O.	C.O.				AT	POLE		
PB1	PANEL BOARD 1	240	133	54868	230	190.85	200 A	2	2 - 80mm2 THHN	38mmØ conduit
PB2	PANEL BOARD 2	217	124	63296	230	220.16	225 A	2	2 - 100mm2 THHN	50mmØ conduit
PB3	PANEL BOARD 3	284	108	57432	230	199.76	200 A	2	2 - 80mm2 THHN	38mmØ conduit
PB4	ELEVATOR									
PB5	JOCKEY PUMP									
PB6	PUMP									
PB7	PUMP									
PB8	SPARE									
PB9	SPARE									
PB10	SPARE									
TOTAL				175596	230	610.77	600 A	2	300mm2 THHN	75mmØ conduit

LOAD COMPUTATION	USE:
$FL = (\text{LOAD} / 230) \times (80\% \text{ DEMAND FACTOR})$	600A MAIN BREAKER
$FL = 763.46 \times (80\% \text{ DEMAND FACTOR})$	2 - 300mm² FEEDER LINE THHN
FL = 610.77 A	

ELECTRICAL NOTES

- ALL ELECTRICAL WORKS AND INSTALLATION HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISION OF THE LATEST APPROVED EDITION OF THE PHILIPPINE ELECTRICAL CODE, WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND ORDINANCES AND WITH THE RULES AND REGULATION OF THE UTILITY COOPERATIVE CONCERNED.
- POWER SERVICE TO THE BUILDING SHALL BE 230V, 3 PHASE, 3WIRE, 60 HERTZ SYSTEM.
- WIRING METHOD SHALL BE AS INDICATED IN THE SPECIFICATION.
- UNLESS OTHERWISE SPECIFIED IN THE PLAN, MINIMUM SIZE OF WIRES AND CONDUITS TO BE USED SHALL BE #3.5MM² THWN AND 13MM NOMINAL DIAMETER RESPECTIVELY. WIRES SHALL BE INSULATED FOR RATING SUITED FOR THE EQUIPMENT SERVED.
- GENERAL USE RECEPTACLES SHALL BE RATED 10 AMPERES, 2 POLE, 250 VOLTS. GROUNDING TYPE WITH PARALLEL SLOTS. SPECIAL PURPOSE OUTLET SHALL BE OF THE TYPE AND RATING SUITED FOR THE EQUIPMENT SERVED.
- ALL ACCESSORIES, SPLICING DEVICES, TERMINATIONS AND OTHER APPURTENANCES FOR THE ENTIRE INSTALLATION SHALL BE OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
- ALL ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
- ALL MATERIAL TO BE USED SHALL BE NEW AND OF THE APPROVED GALVANIZED IRON SHEET OR PVC BOXES EQUIVALENT AS FOLLOWS:
OUTLET BOXES SHALL BE FABRICATED FROM 1.5 mm THICK OUTLET BOXES SHALL BE FABRICATED FROM 1.5 mm THICK.
- CEILING LIGHT OUTLETS 40mm DEEP, 100mm OCTAGONAL BOX FOR 1OR 2 RACEWAY ENTRIES, 55mm DEEP, 100mm OCTAGONAL BOX FOR 3 OR MORE RACEWAY ENTRIES.
LIGHT CONTROL SWITCH 40mm DEEP, 50mm X 100mm DEEP UTILITY BOX FOR 1 OR 2 RACEWAY ENTRIES IN ONE STRAP, 55mm DEEP, 50mm X 100mm UTILITY BOX FOR 3 SWITCHES IN ONE STRAP MOUNTING HEIGHT SHALL BE 1400mm FROM FINISH FLOOR.
CONVENIENCE OUTLETS 55mm DEEP UTILITY BOX MOUNTING HEIGHT SHALL BE 300mm FROM FINISH FLOOR.
TEL AND T.V. OUTLETS 55mm DEEP UTILITY BOX MOUNTING HEIGHT SHALL BE 300mm FROM FINISH FLOOR.
PANEL BOARD AND CABINETS MOUNTING HEIGHT SHALL BE 1400mm FROM FINISH FLOOR
- MCC- MOTOR CONTROL CENTER SHOULD BE UTILIZED PANEL FOR ALL 440 VOLTS EQUIPMENT INCLUDING FIVE (5) SINGLE PHASE WELDING MACHINES.
- PVC CONDUITS SHALL BE EMBEDDED IN CONCRETE SLABS OR WALLS.
- A REMOVABLE CIRCUIT DIRECTORY SHALL BE PROVIDED FOR EACH PANEL BOARDS FOR FIELD MARKINGS OF FUNCTION AND NUMBER OF EACH BRANCH CIRCUIT. ALL DIRECTORIES SHALL BE OF INCORRIGIBLE MATERIAL WITH MATCHING CLEAR PLASTICS HOLDER OR JACKET.
- ALL ELECTRICAL CIRCUITS SHALL BE WIRED ACCORDING TO THE PANEL BOARD LOAD SCHEDULE.
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**ELECTRICAL LOAD COMPUTATIONS
GENERAL NOTES**

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	E-13	A3

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GROUND FLOOR WATERLINE LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

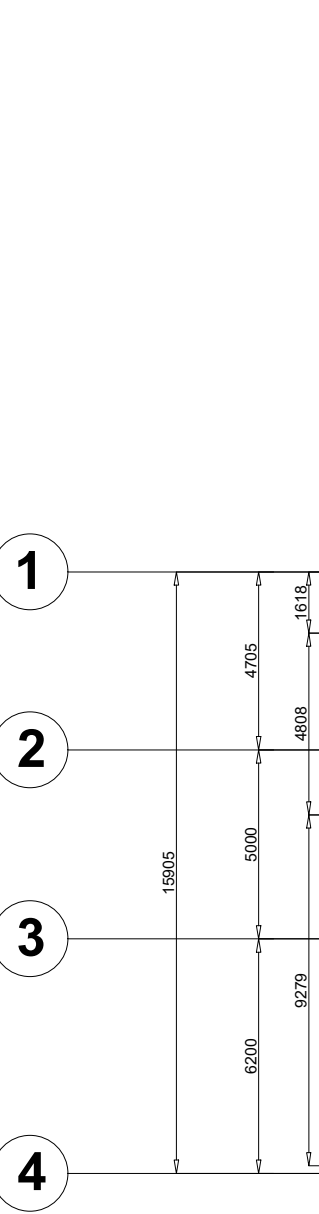
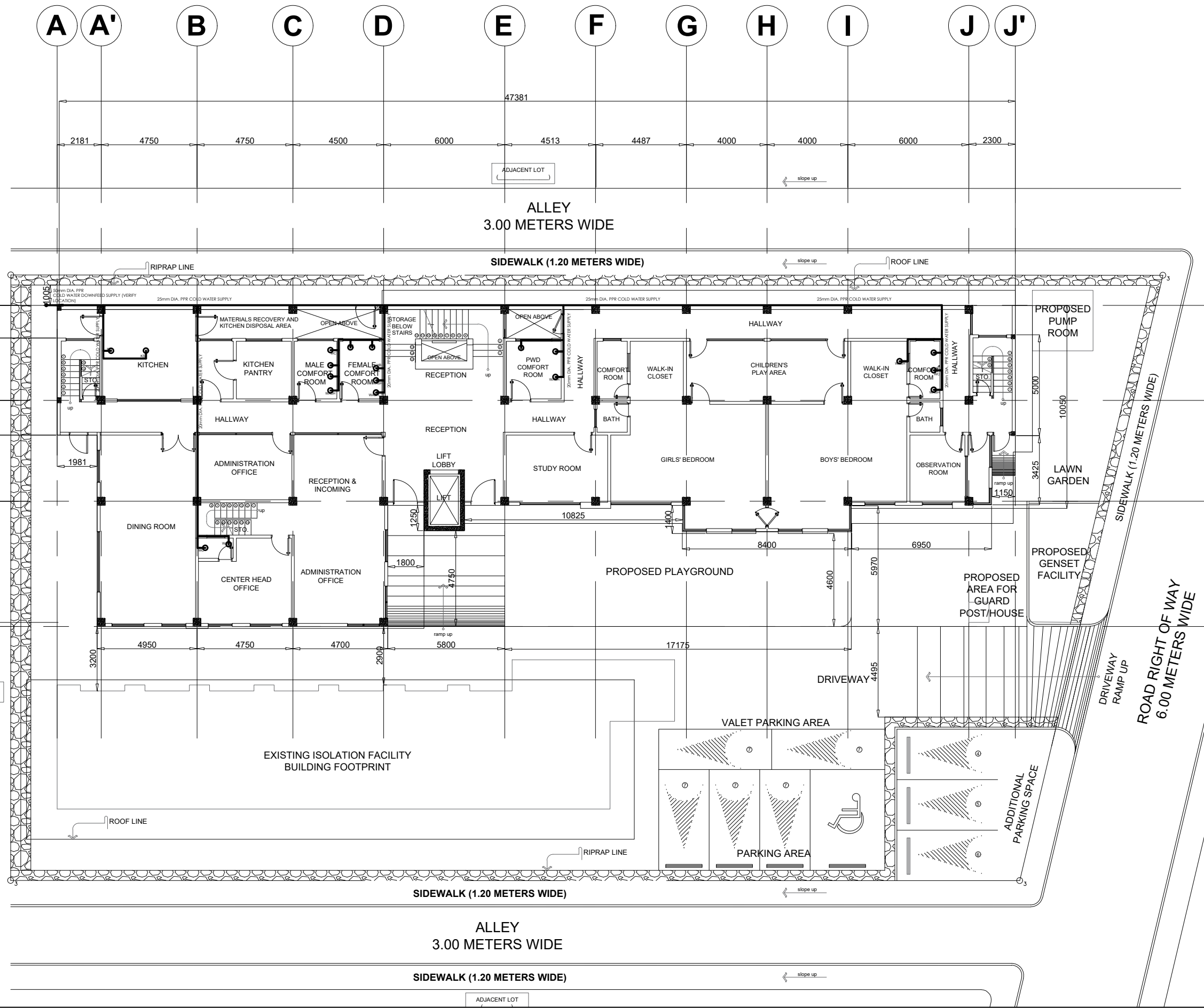
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-1	A3



GROUND FLOOR WATERLINE LAYOUT
SCALE 1:200M

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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
SECOND FLOOR WATERLINE LAYOUT
THIRD FLOOR WATERLINE LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

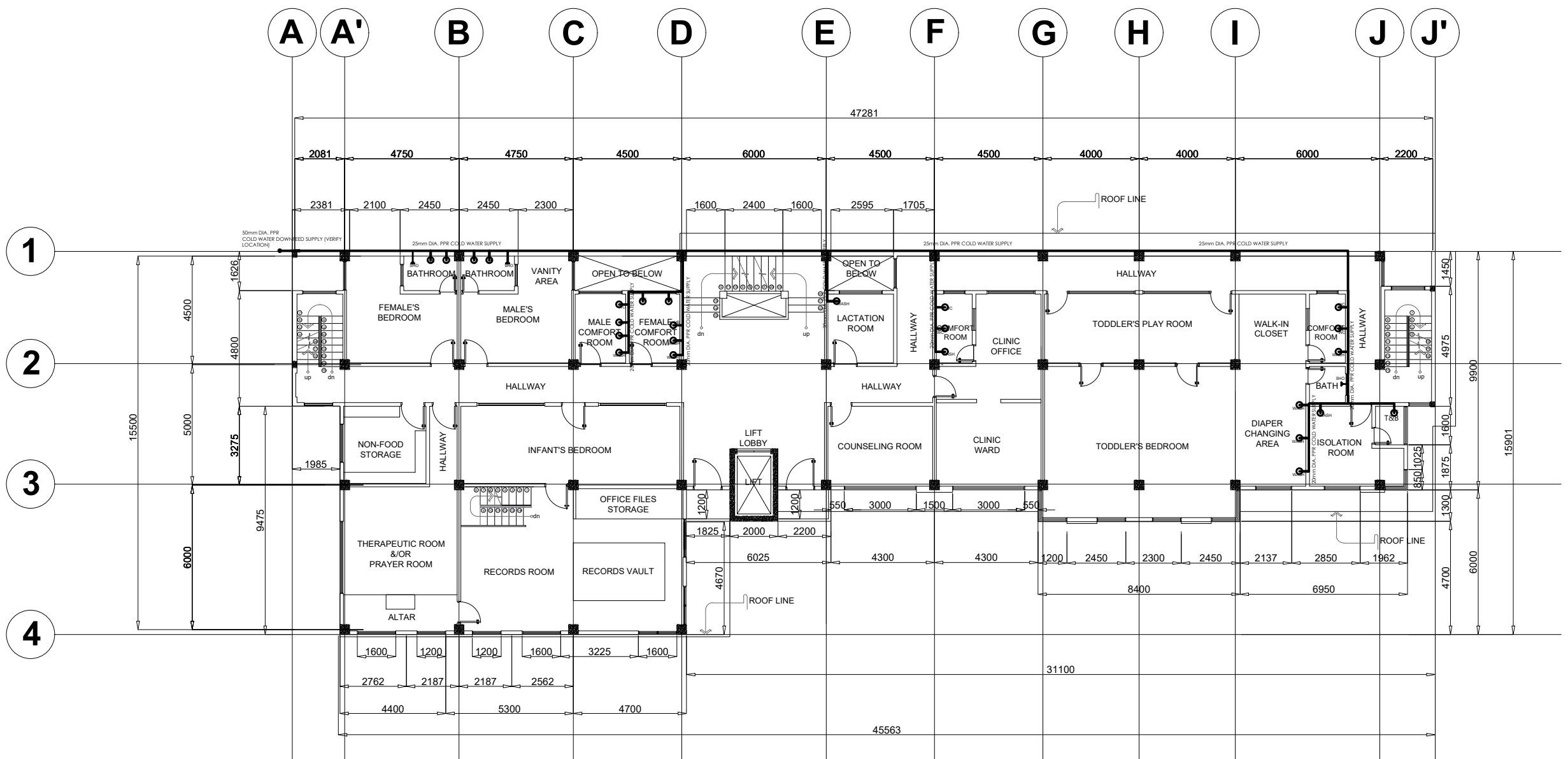
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY



2 **THIRD FLOOR WATERLINE LAYOUT**
SCALE 1:200M

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-2	A3

NOTE: ALL DIMENSIONS MUST BE
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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
ROOF DECK WATERLINE LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

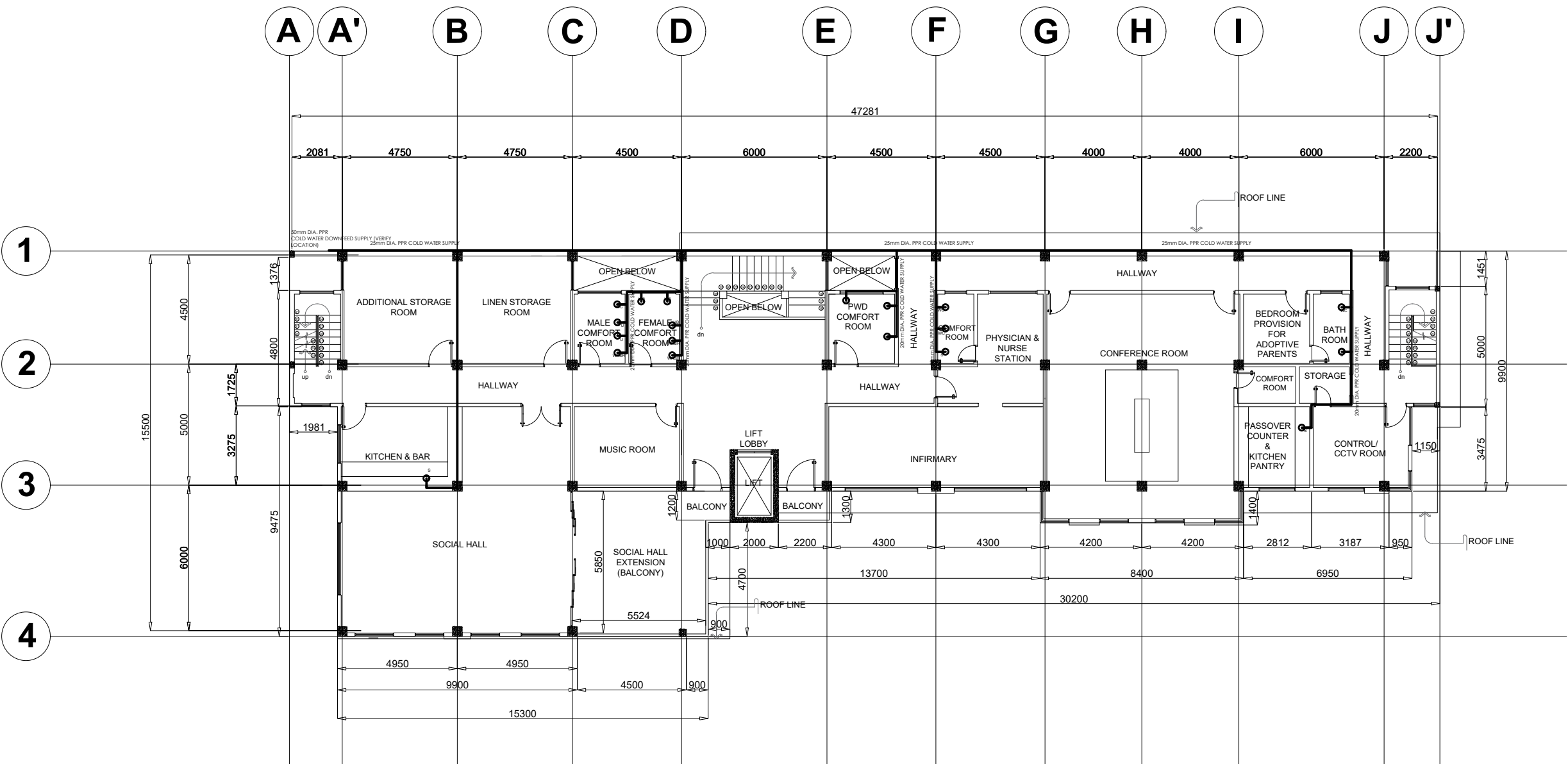
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-3	A3



1 **ROOF DECK WATERLINE LAYOUT**
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
ROOF DECK WATERLINE LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

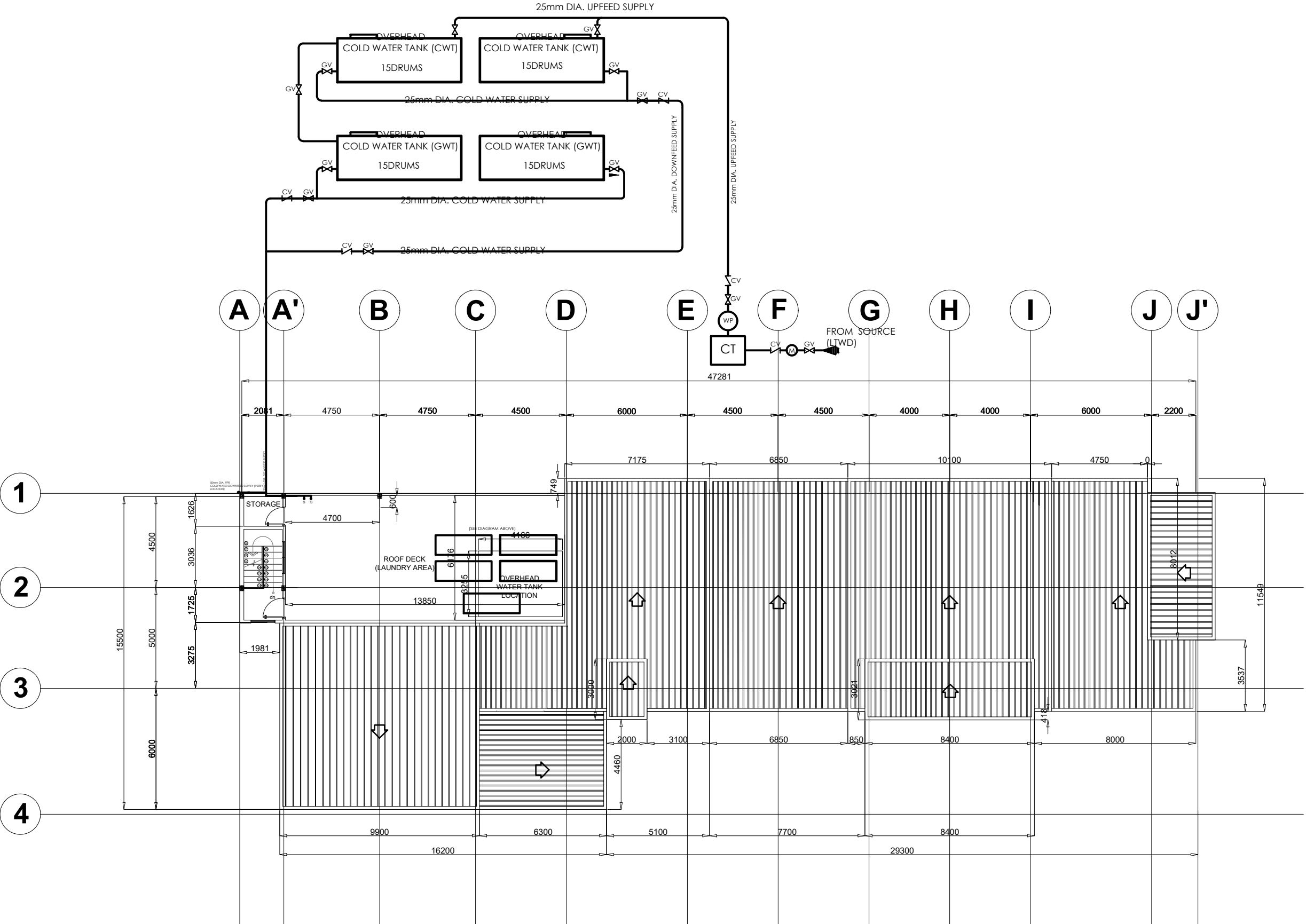
PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-4	A3



1
ROOF DECK WATERLINE LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE
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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
GROUND FLOOR DRAINAGE LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

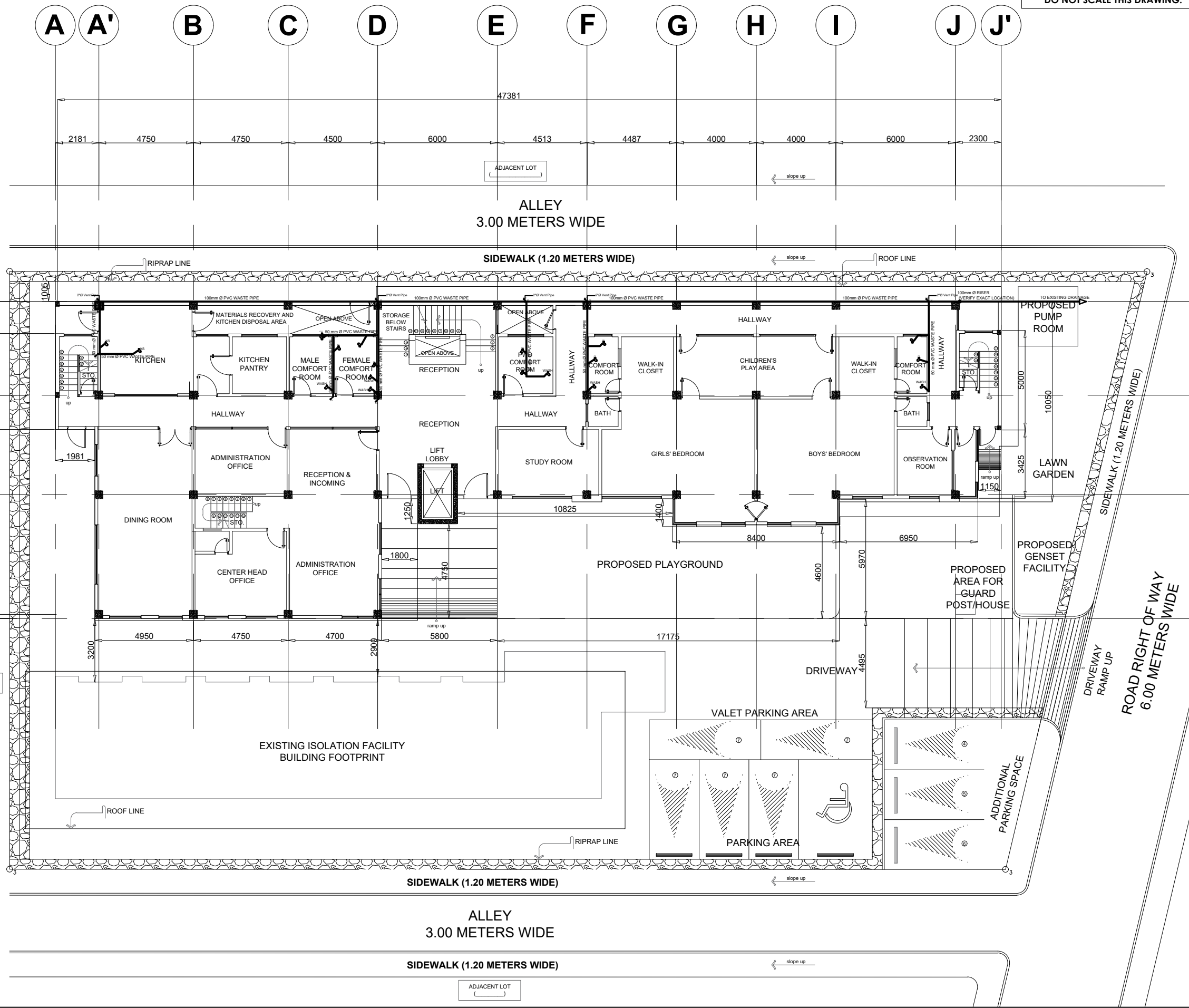
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No: _____

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-5	A3



GROUND FLOOR DRAINAGE LAYOUT
SCALE: 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION FIELD OFFICE CAR DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**SECOND FLOOR DRAINAGE LAYOUT
THIRD FLOOR DRAINAGE LAYOUT**

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

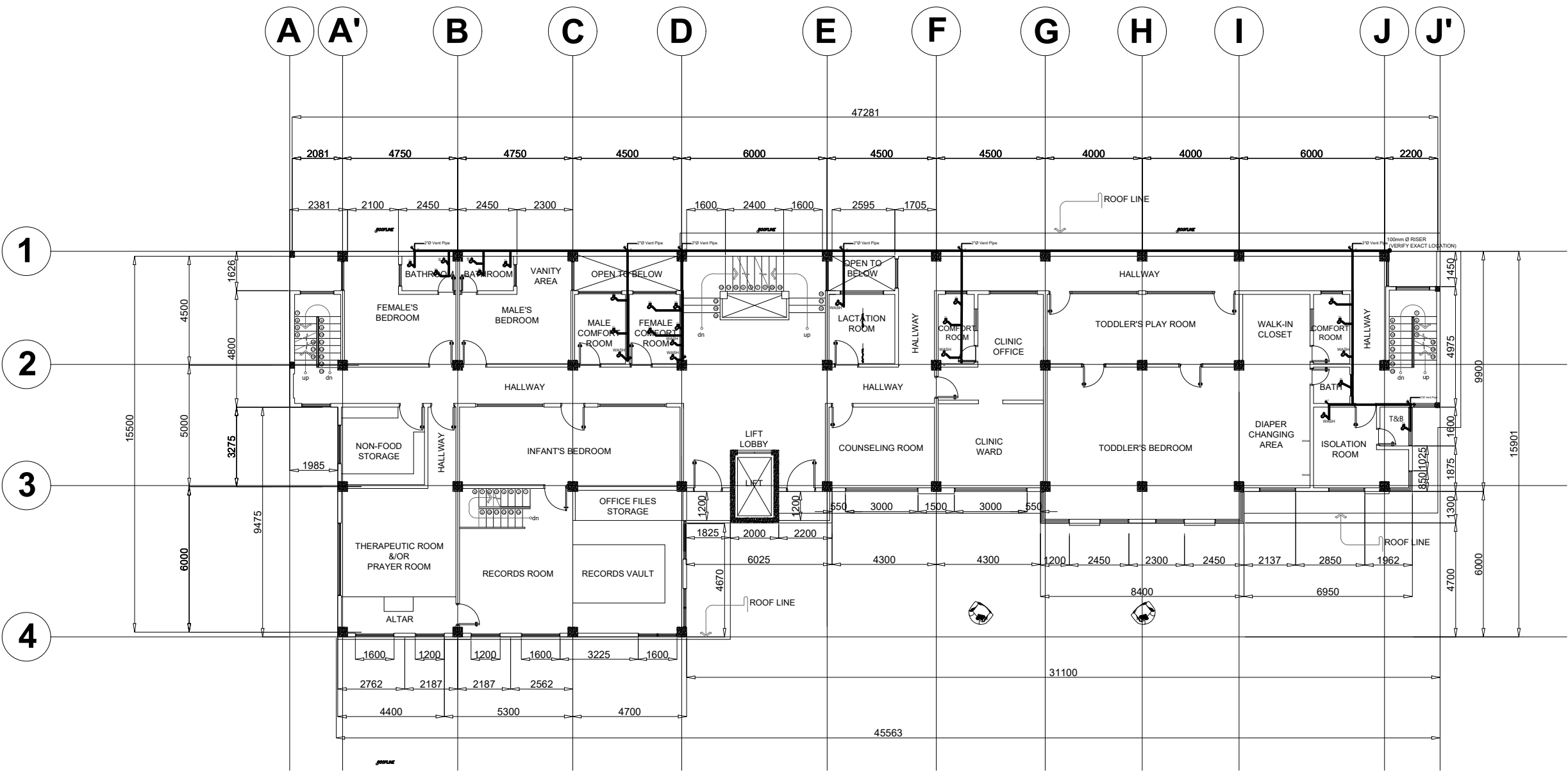
PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-6	A3



1 THIRD FLOOR DRAINAGE LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
ROOF DECK DRAINAGE LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

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Engineer II, BGMS

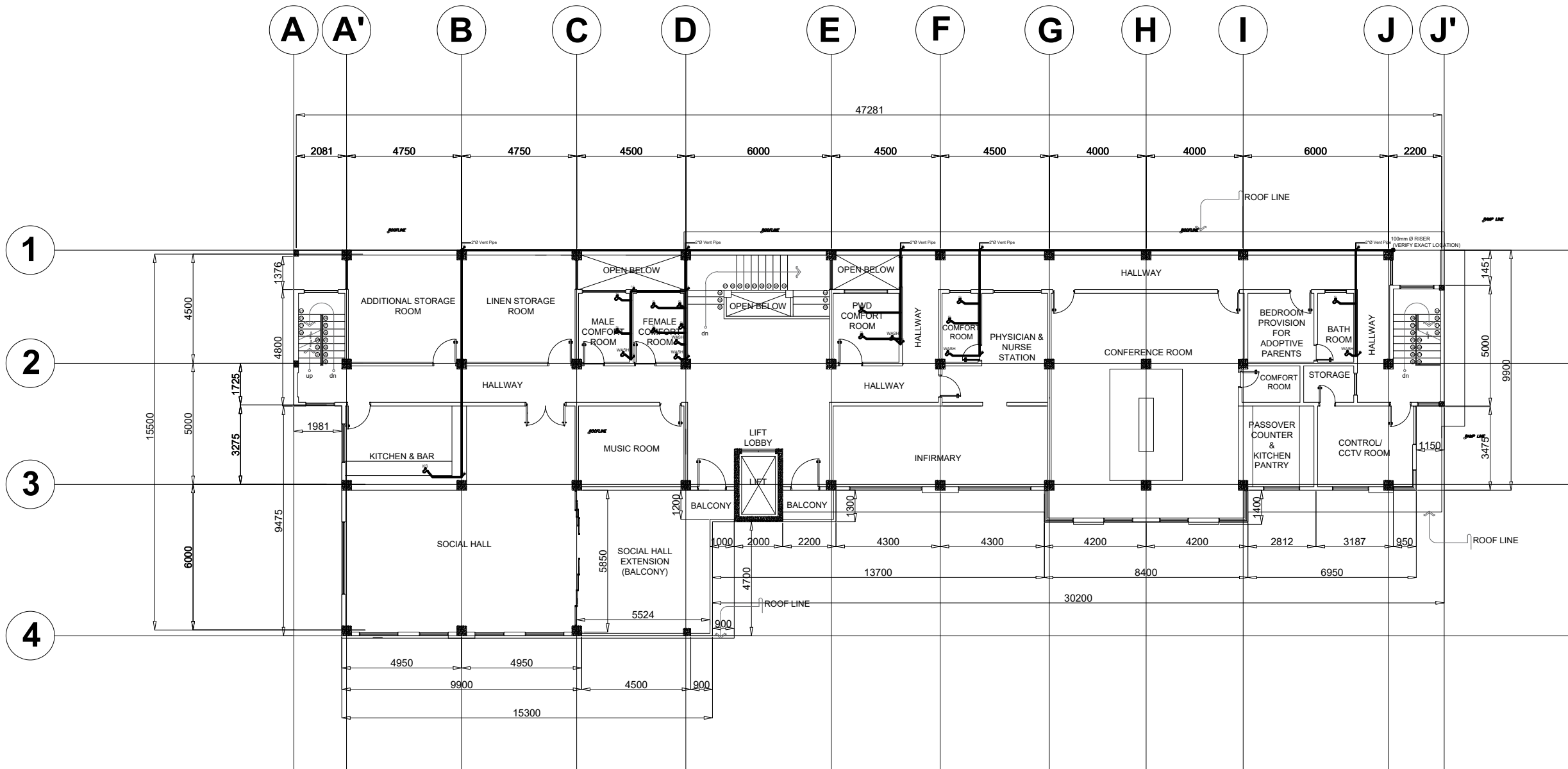
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-7	A3



1 ROOF DECK DRAINAGE LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR**
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
ROOF DECK DRAINAGE LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

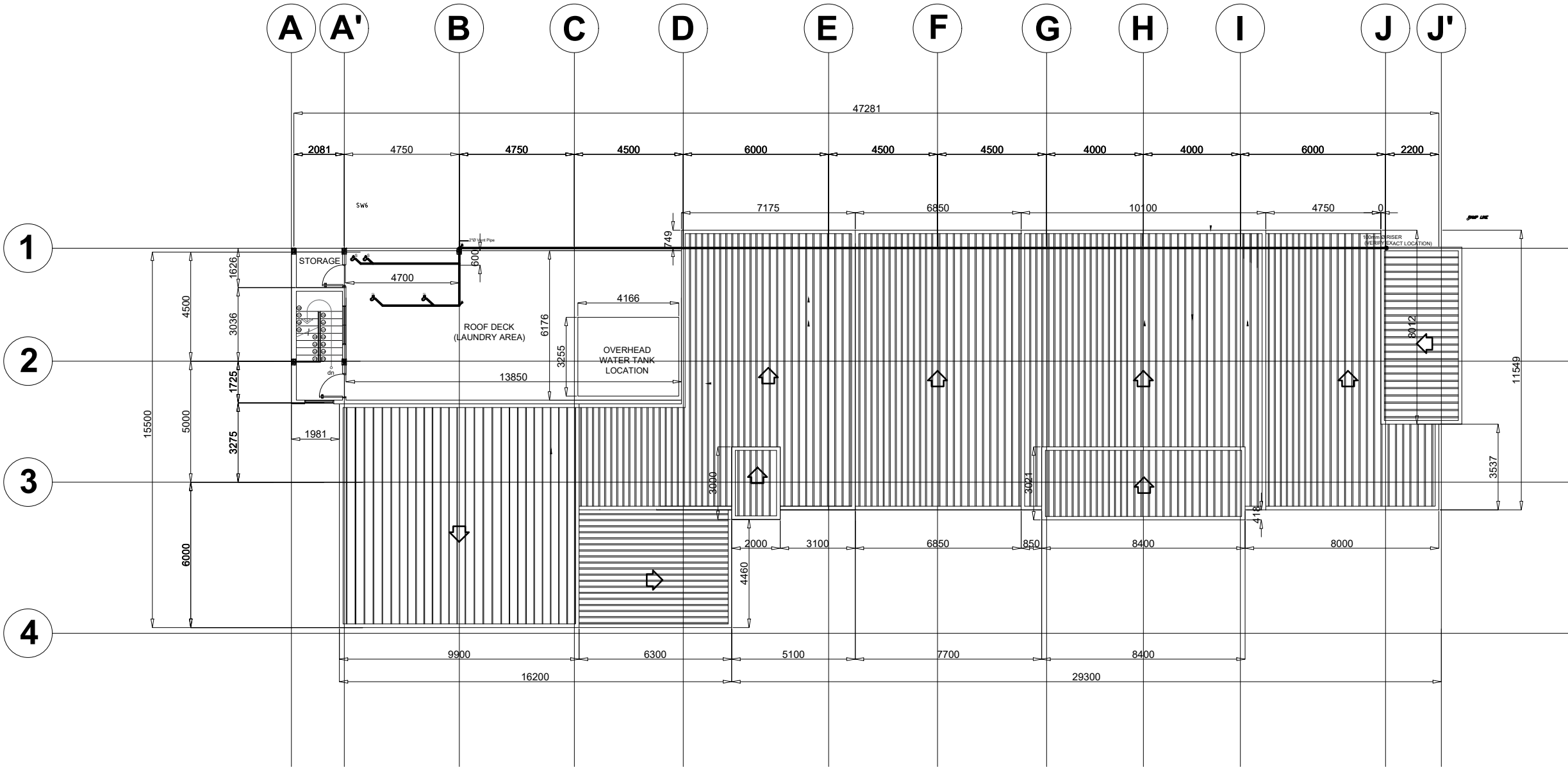
CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-8	A3



1
P | 8 **ROOF DECK DRAINAGE LAYOUT**
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GROUND FLOOR SANITARY LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

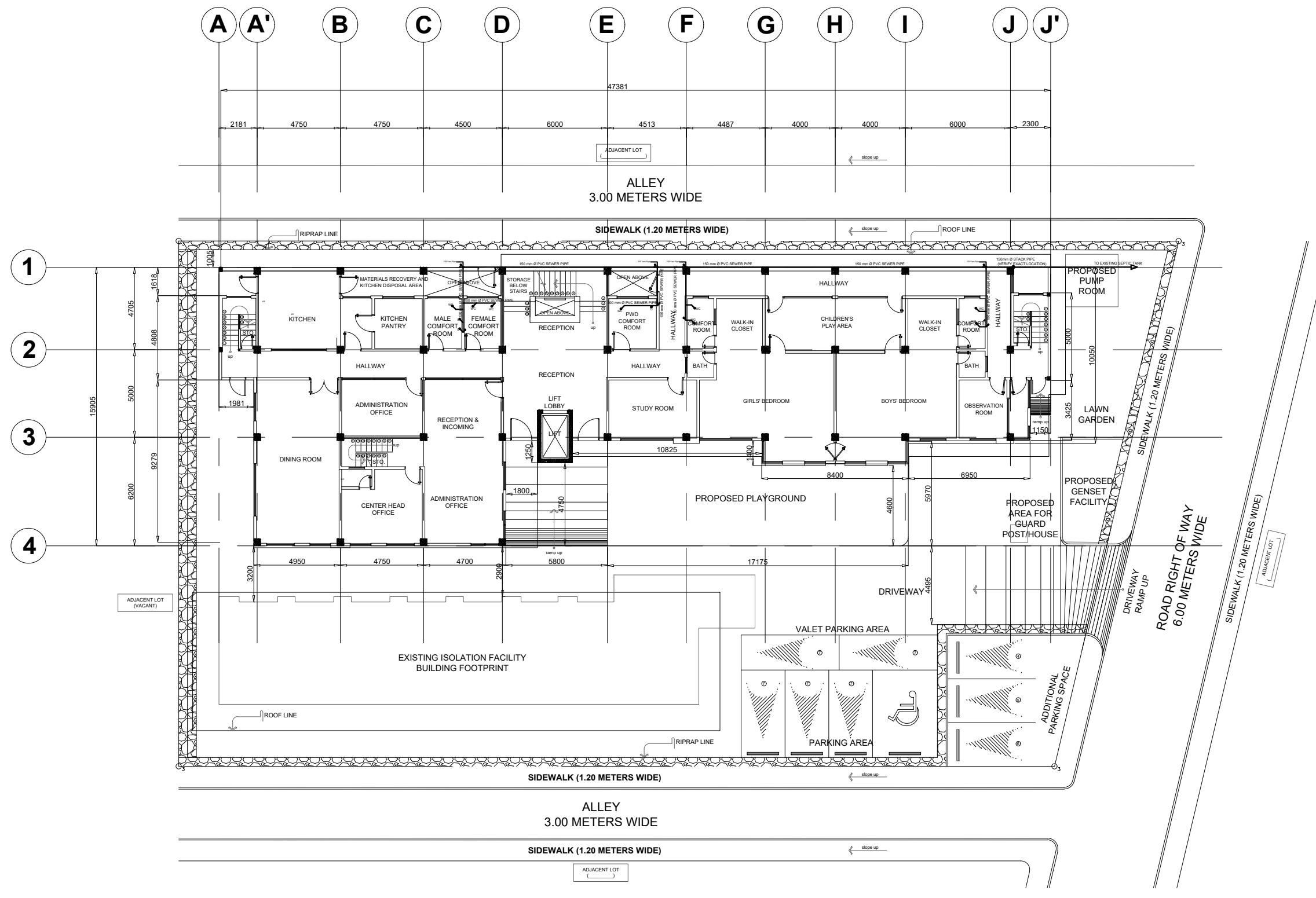
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-9	A3



1
GROUND FLOOR SANITARY LINE
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION FIELD OFFICE CAR

DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :

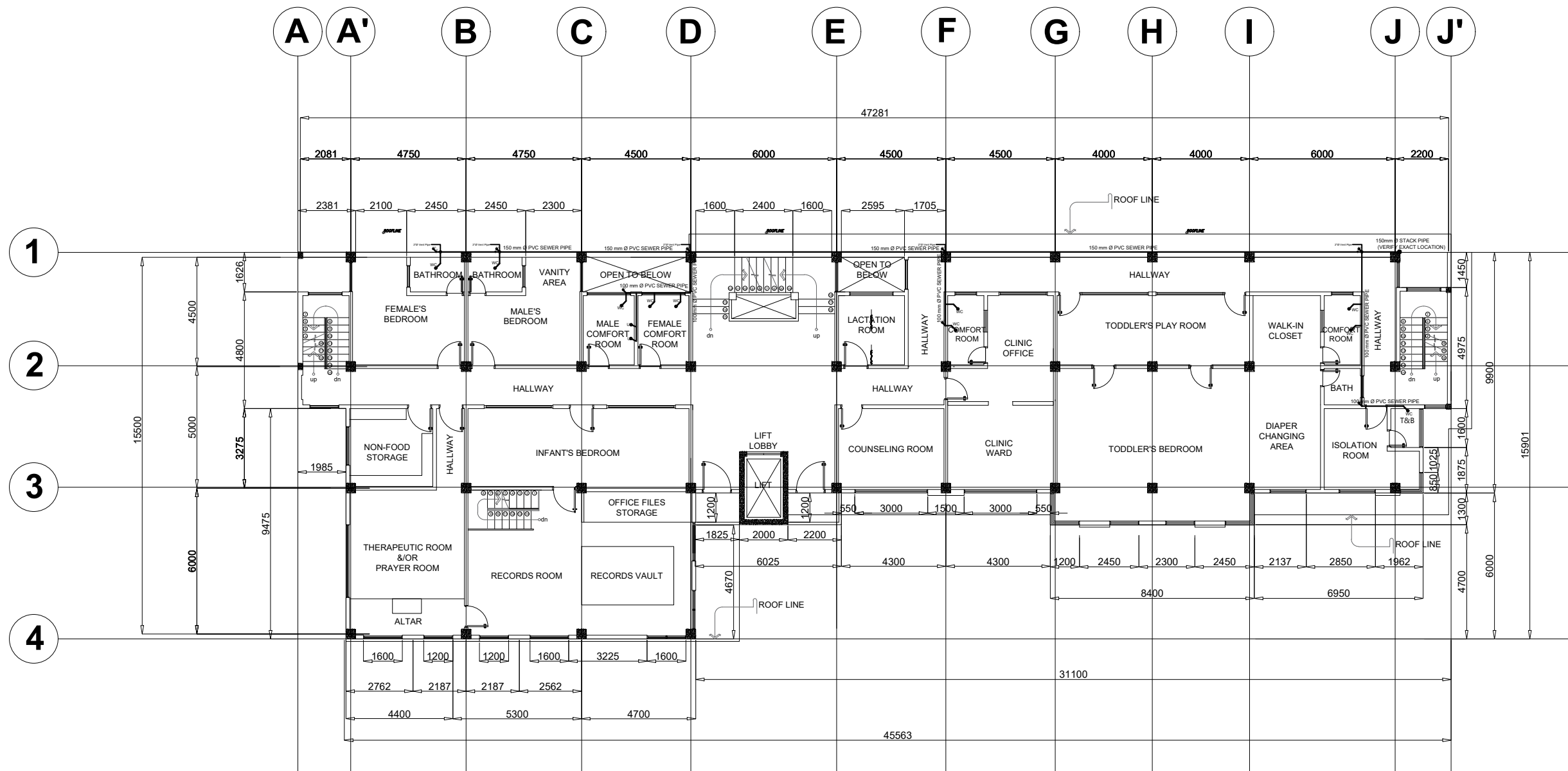
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :

DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :

SECOND FLOOR SANITARY LAYOUT
THIRD FLOOR SANITARY LAYOUT



APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

P P-10 A3

THIRD FLOOR SANITARY LINE
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
**SECOND FLOOR SANITARY LAYOUT
 THIRD FLOOR SANITARY LAYOUT**

APPROVED BY
ARNEEB G. BALBUENA II
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

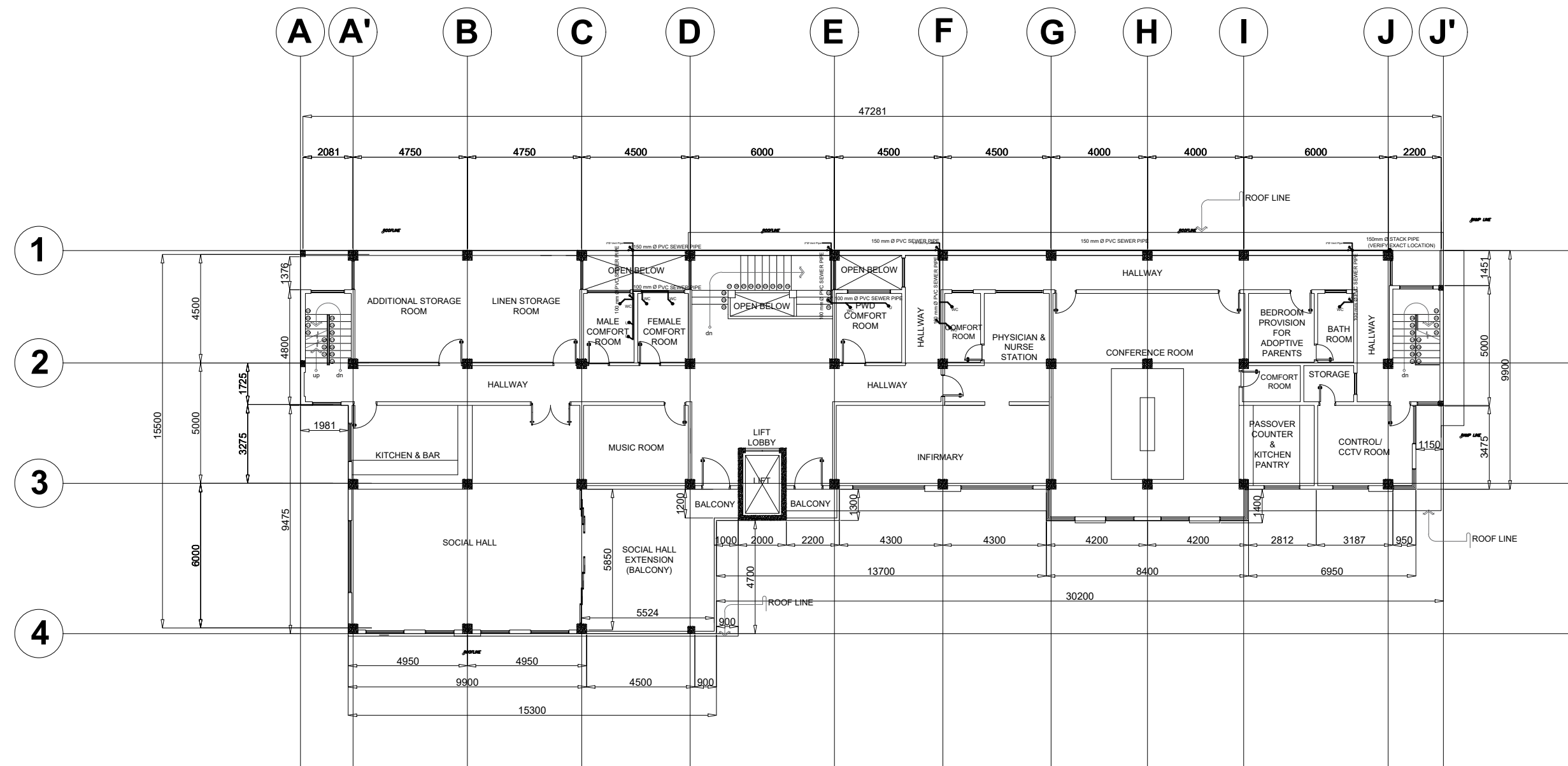
CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
 DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-11	A3



1
P 11
THIRD FLOOR SANITARY LINE
 SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
STORM DRAINAGE LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

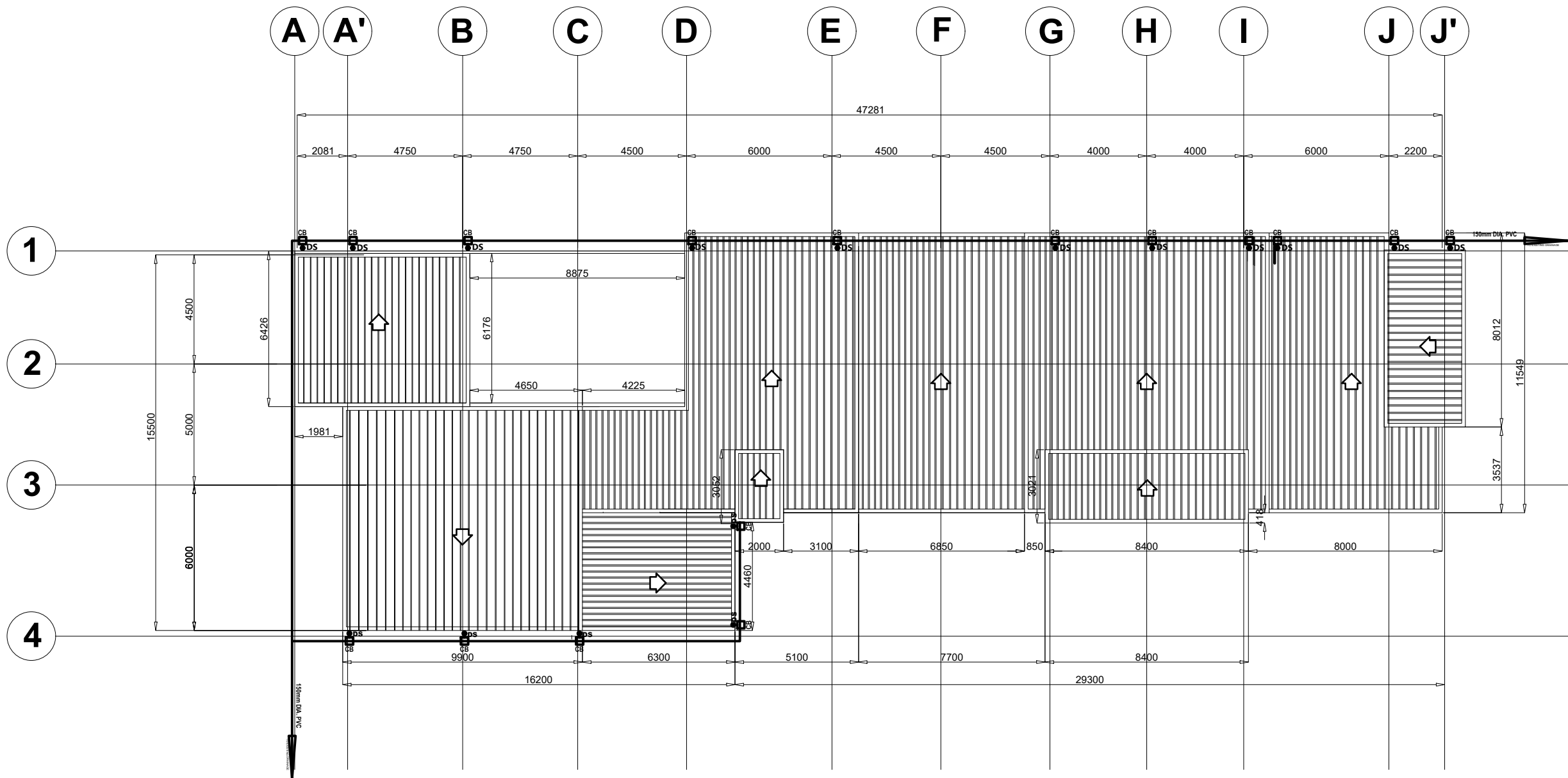
PROJECT/TA No.:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-12	A3



1 P 12 SCALE **STORM DRAINAGE LAYOUT** 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021**

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
WATERLINE ISOMETRIC LAYOUT

APPROVED BY
ARNEEB G. BALBUENA II
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

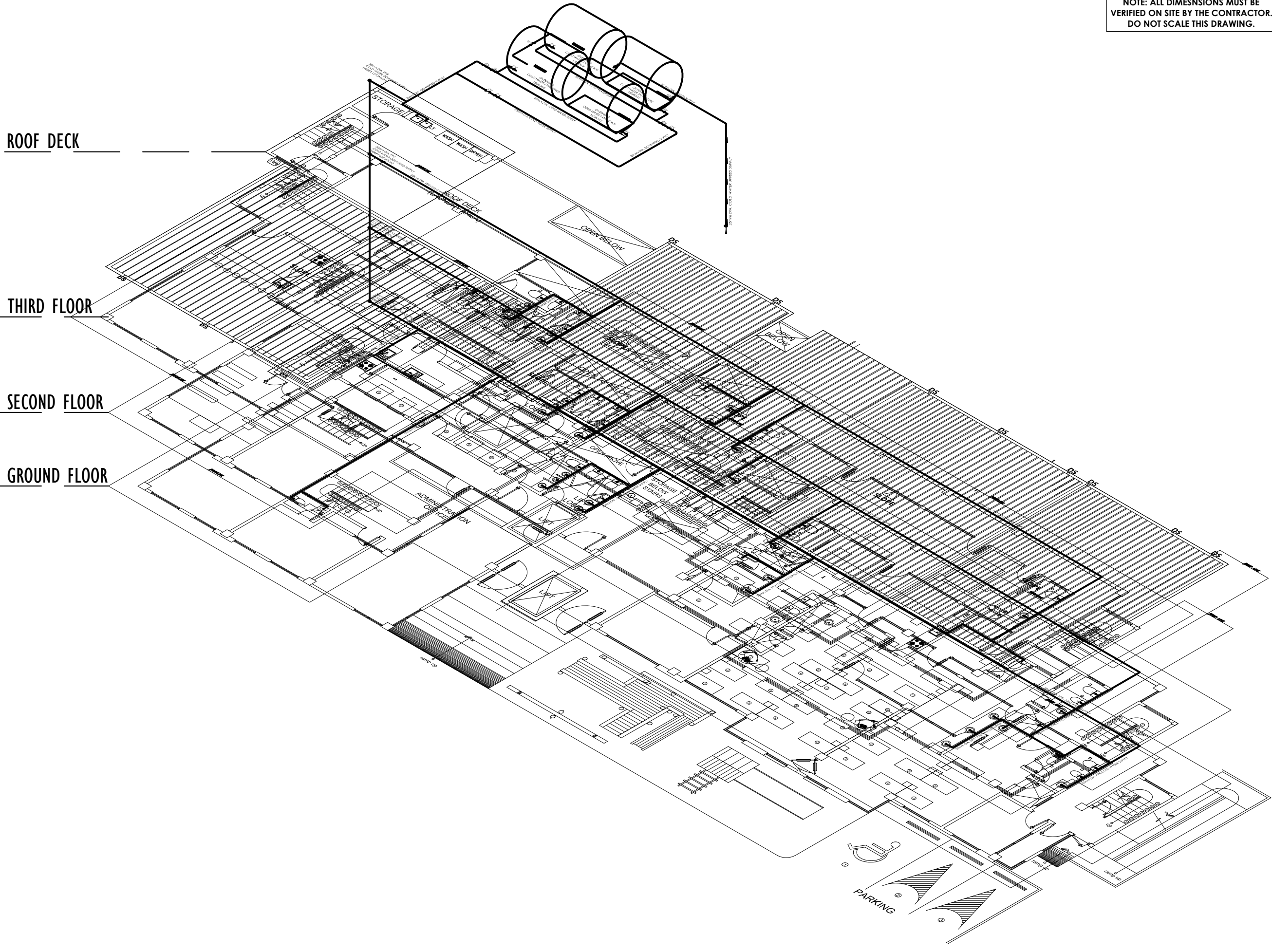
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-13	A3

ROOF DECK

THIRD FLOOR

SECOND FLOOR

GROUND FLOOR



1 WATERLINE ISOMETRIC LAYOUT
SCALE: NOT TO SCALE

NOTE: ALL DIMENSIONS MUST BE
VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
DRAINAGE LINE ISOMETRIC LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

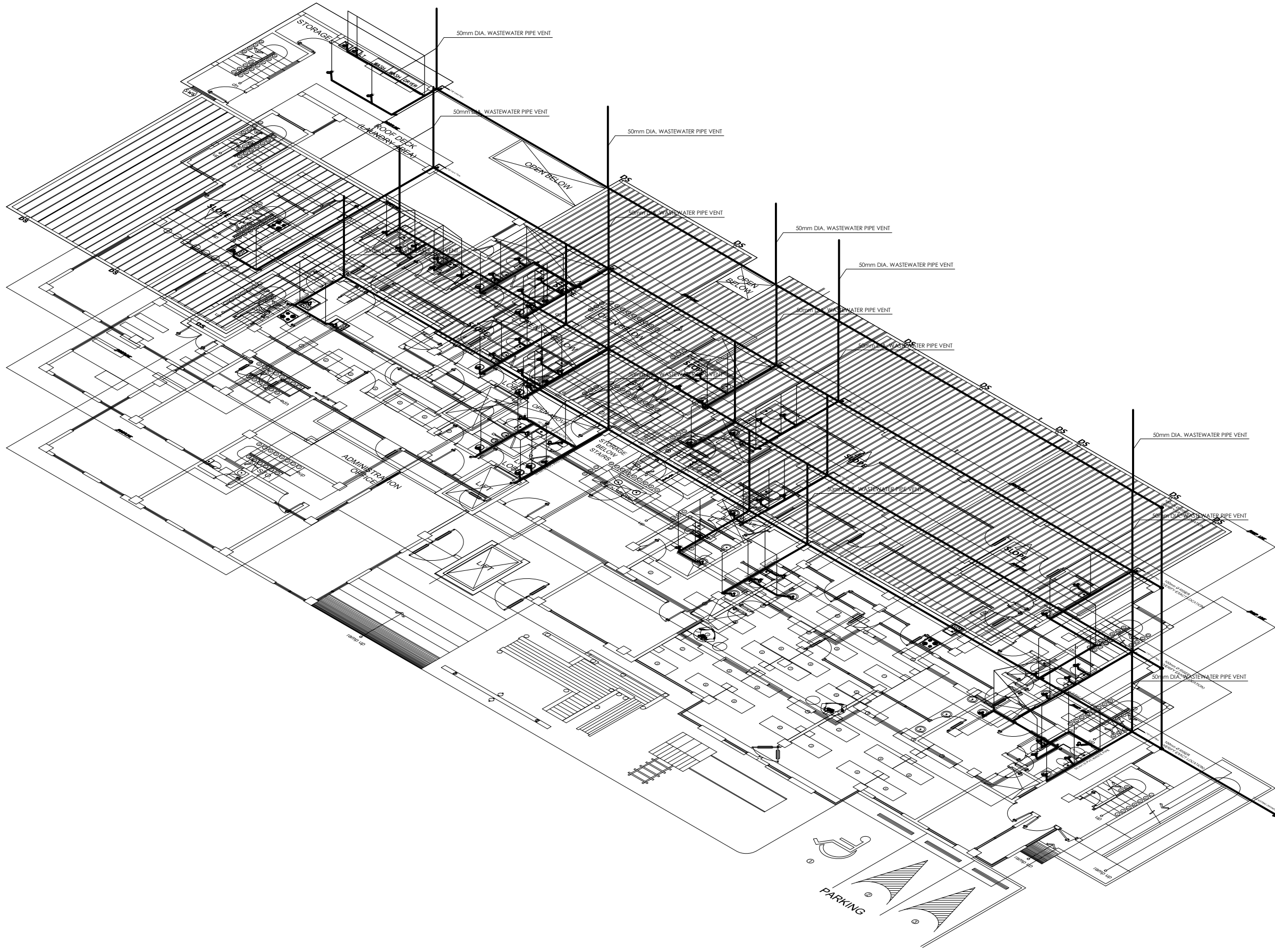
PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-14	A3



1
P 14
SCALE NOT TO SCALE

DRAINAGE LINE ISOMETRIC LAYOUT
SCALE NOT TO SCALE

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
SANITARY LINE ISOMETRIC LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

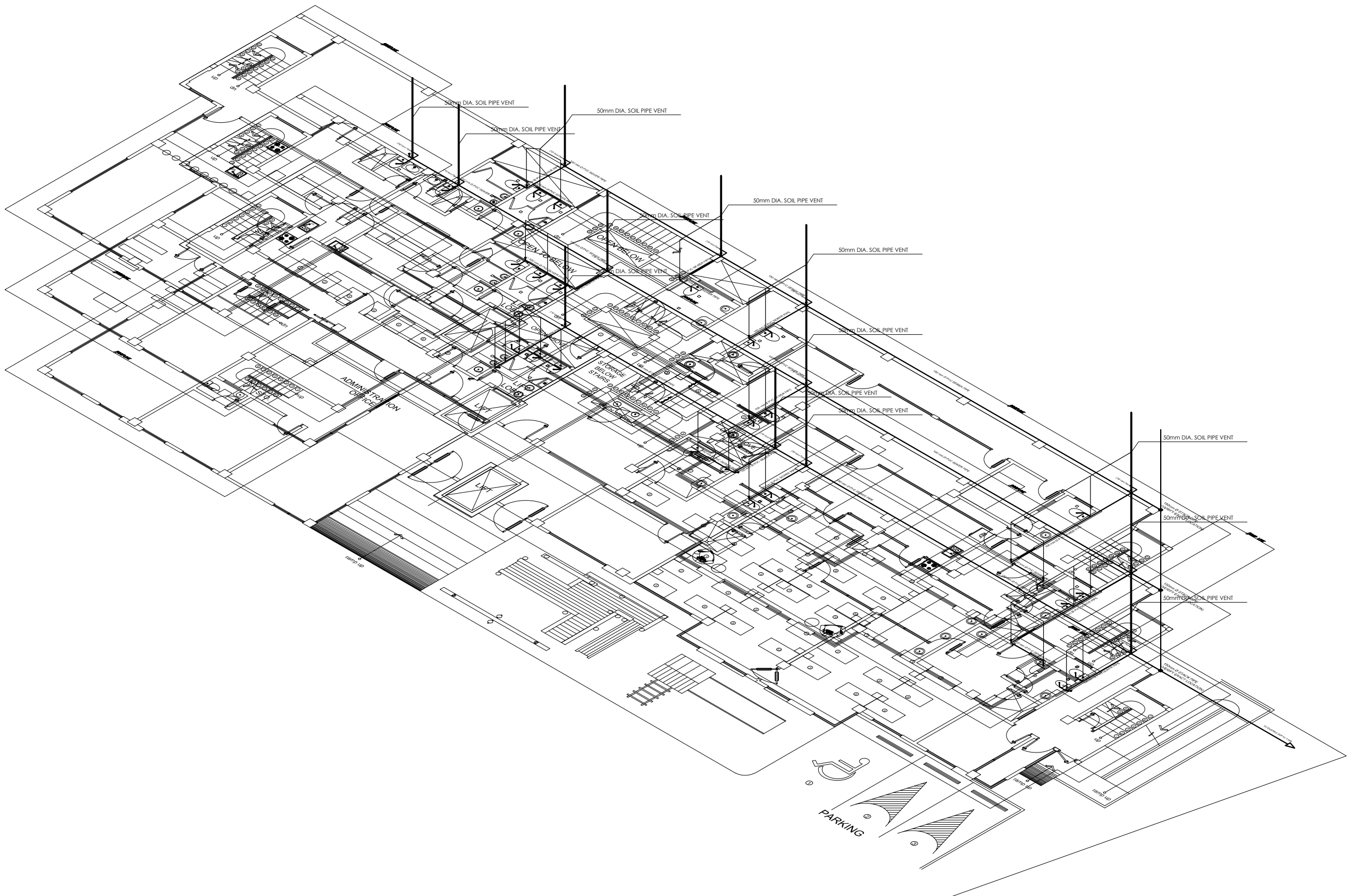
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **P** SHEET NUMBER: **P-15** PAPER SIZE: **A3**

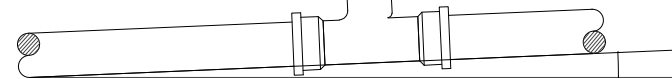
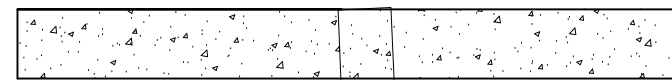


1
P 15
SANITARY LINE ISOMETRIC LAYOUT
SCALE NOT TO SCALE

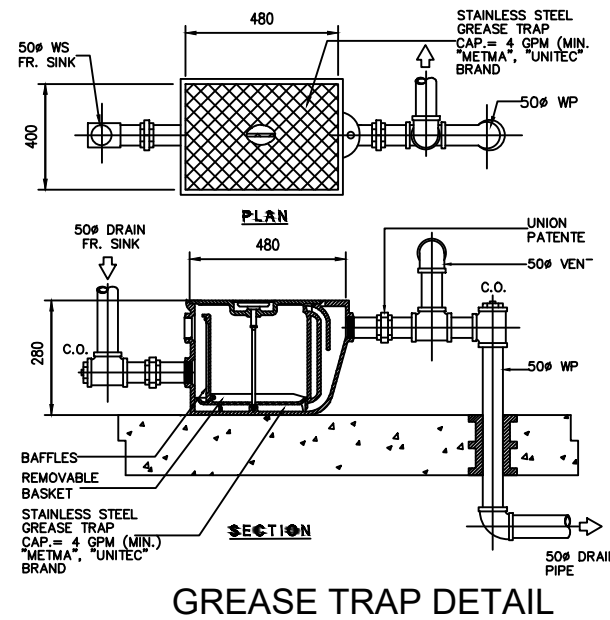
LEGENDS:

- GATE VALVE
- WATER METER
- CHECK VALVE
- WATER LINE
- SOIL PIPE
- WASTE PIPE
- DRAINAGE PIPE
- WP WATER PIPE
- HB HOSE BIBB
- KS KITCHEN SINK
- WC WATER CLOSET
- HVP HORIZONTAL VENT PIPE
- VTW VENT THRU WALL
- V WP VERTICAL WASTE PIPE
- VP VENT PIPE
- CO CLEAN OUT
- SP SOIL PIPE
- SD SCUPPER DRAIN
- FD FLOOR DRAIN
- SFD SHOWER FLOOR DRAIN
- SH SHOWER HEAD
- CB CATCH BASIN
- SV SEPTIC VAULT
- GT GREASE TRAP
- L LAVATORY
- CT CISTERN TANK
- ST SUMP TANK

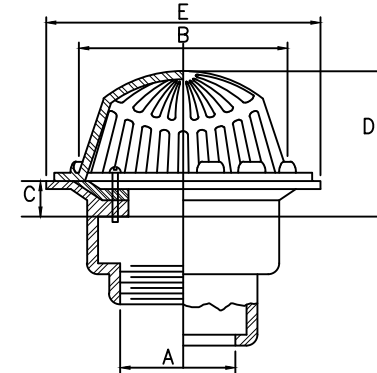
INSTALLED AT 2% OR 20mm SLOPE PER METER RUN



PITCH OF PIPE LINE

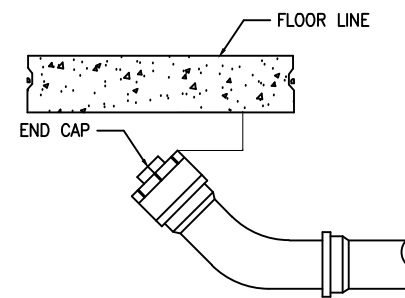


GREASE TRAP DETAIL

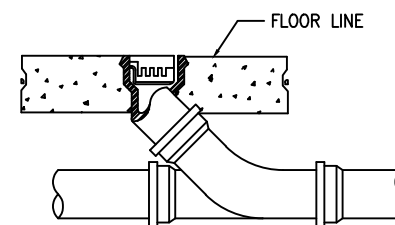


PIPE SIZE A(mm)	DIMENSION (MM)				REMARKS TEXT
	B	C	D	E	
50	81	12.7	35	65	SIMILAR TO METMA MODEL M-319-56A OR APPROVED EQUAL
75	67	15.8	54	90	-DO-
100	84	12.7	64	108	-DO-

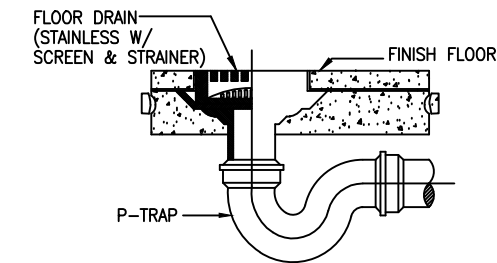
GREASE TRAP DETAIL



FLOOR CLEANOUT UNDER SLAB DETAIL

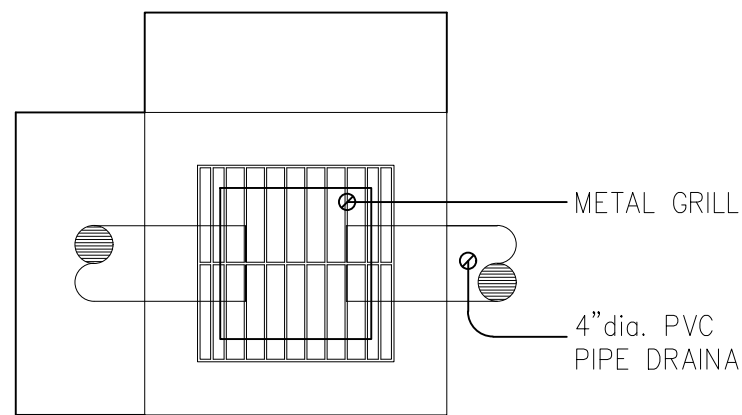


FLOOR CLEANOUT DETAIL

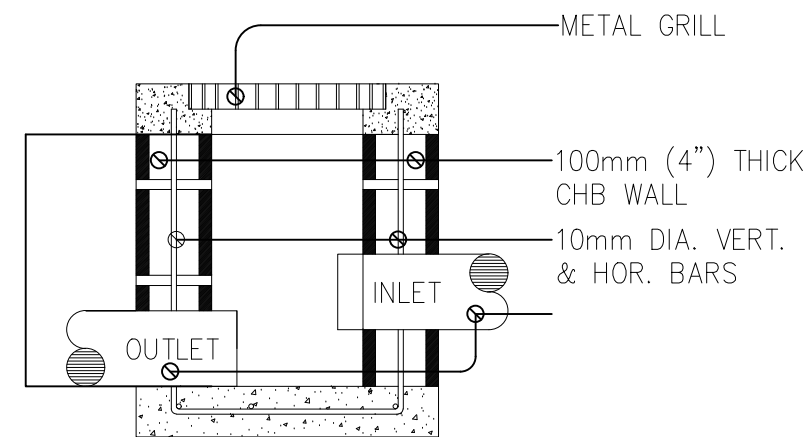


FLOOR DRAIN MOUNTING DETAIL

NTS



CATCH BASIN PLAN



CATCH BASIN SECTION

CATCH BASIN DETAIL

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ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
PLUMBING DETAILS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
P	P-16	A3

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
PLUMBING DETAILS

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
BERNARD L. ANGAYON
Engineer II, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **P** SHEET NUMBER: **P-17** PAPER SIZE: **A3**

LEGEND:

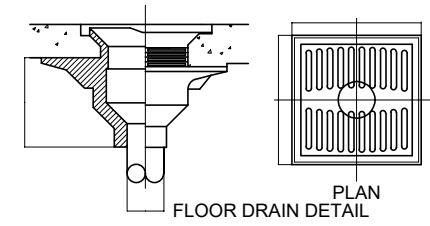
- WATER SUPPLY:**
CV – Check Valve
WM – Water Meter
GV – Gate Valve
FAU – Faucet
SH – Shower Head
- FIXTURES:**
WC – Water Closet
LAV – Lavatory
FD – Floor Drain
SD – Shower Drain
KS – Kitchen Sink
- WASTE LINE:**
CO – Clean Out
V – Vent
VTR – Vent Thru Roof

WATER SUPPLY LINE

SANITARY LINE

STORM DRAIN LINE

PIPE SIZE IN A	DIMENSION (mm)		
	B	C	D
50 mm	36.10	101.60	101.60
75 mm	38.10	127.00	127.00
100 mm	40.00	152.40	152.40



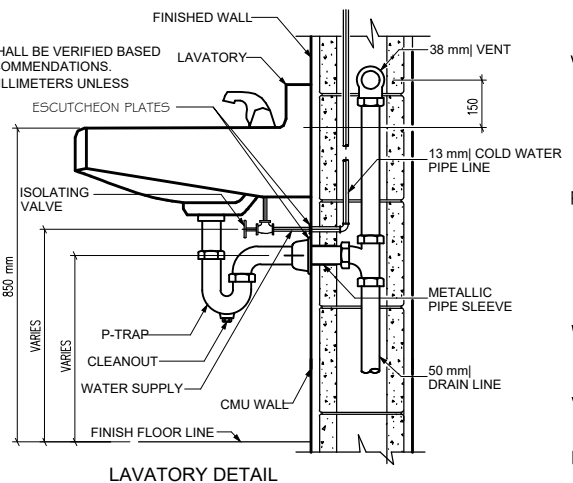
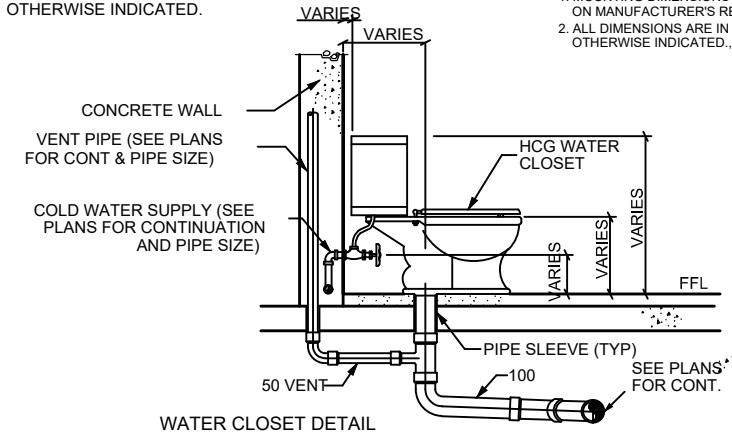
GENERAL NOTES

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE PHILS. PLUMBING CODE, THE NATIONAL PLUMBING CODE AND RULES & REGULATIONS.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT/ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% UNLESS OTHERWISE SPECIFIED.
6. SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATION THE WORKS WITH SEWER LINE EFFLUENT DISPOSAL POINT & WATER LINE SERVICE CONNECTING POINT UNLESS OTHERWISE SPECIFIED.
8. ALL PIPE SIZES ARE IN MILLIMETERS AND ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
9. ALL PIPE DIAMETER ARE INSIDE DIMENSION (NOMINAL) UNLESS OTHERWISE SPECIFIED.
10. VERIFY ARCHITECTURAL PLANS FOR THE EXACT LOCATION OR SETTING OUT OF FLOOR DRAINS, FLOOR CLEAN-OUTS AND OTHER PLUMBING APPURTENANCES.
11. ALL CONCEALED VALVES OR VALVES AT CEILING LEVEL SHALL BE PROVIDED WITH ACCESS MANHOLE.
12. RISERS AND STACKS SHALL BE PROVIDED WITH SWAY BRACES EVERY OTHER FLOOR STARTING AT GROUND FLOOR.
13. PROVIDE ADAPTER FITTINGS FOR DISSIMILAR MATERIALS.
14. ALL PVC PIPE PENETRATING THROUGH CONCRETE FLOOR, WALL OR BLOCK WALL SHALL BE PROVIDED WITH FIRE STOP SEALANT AND FIRE STOP COLLAR. INSTALLATION SHALL CONFORM WITH UL SYSTEM OR MANUFACTURER'S RECOMMENDATION.

NOTE:

1. MOUNTING DIMENSIONS SHALL BE VERIFIED BASED ON MANUFACTURER'S RECOMMENDATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

1. MOUNTING DIMENSIONS SHALL BE VERIFIED BASED ON MANUFACTURER'S RECOMMENDATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.



MATERIAL SPECIFICATIONS

- COLD WATER LINES** – FROM TAPPING POINT TO WATER METER TO DISTRIBUTION TO RISER AND DOWNFEEDS SHALL BE GALVANIZED IRON (G.I.) PIPE SCHEDULE 40, CONFORMING TO ASTM A-120-80, "SUPERIOR", "SUPREME", "SOUTHERN PIPES" BRAND OR EQUAL.
- FITTINGS SHALL BE MALLEABLE IRON, CLASS 150. JOINTING SHALL BE SCREWED CONNECTION FOR 65ϕ AND BELOW AND FLANGE CONNECTION FOR 75ϕ AND ABOVE.
- PROVIDE CORROSION PROTECTION, COATED WITH PETROLEUM BASED PASTE AND WRAPPED WITH PETROLATUM TAPE "DENSO", "ECOSAN" BRAND.
- FOR ROUGHING-IN OF TOILETS SHALL BE POLYPROPYLENE PIPE AND FITTINGS, CONFORMING TO ISO 15874 PN-20 MINIMUM RATING. JOINTING SHALL BE BY SOCKET FUSION. "AMICO", "ECOSAN" BRAND.

SCHEDULE OF G.I. PIPE DIAMETER EQUIVALENT TO PPRC / HDPE

DESIGNED PIPE SIZE NOMINAL DIAMETER - G.I. PIPE, SCH. 40 INSIDE DIMENSION (MM)	PIPE DIAMETER EQUIVALENT TO PPRC/HDPE PIPE(PN-20)		PIPE DIAMETER EQUIVALENT TO PPRC/HDPE PIPE(PN-16)	
	OUTSIDE DIMENSION (MM)	THICKNESS (MM)	OUTSIDE DIMENSION (MM)	THICKNESS (MM)
20	32	5.4	25	3.5
25	40	6.7	32	4.4
32	50	8.3	40	6.9
40	63	10.5	63	8.6
50	75	12.5	75	10.3
65	90	15	90	12.3
75	110	18.3	110	15.1
100	140	23.3	140	23.3
150	-	-	-	-
200	-	-	-	-

- SEWER/WASTE LINES** – FOR LATERAL PIPE, SHALL BE POLYVINYL CHLORIDE (PVC) PIPES AND FITTINGS, WITH CELL NUMBER 124548;
- "NELTEX", "EMERALD", "MOLDEX", "CROWN PIPES" BRAND OR APPROVED EQUAL. JOINTING SHALL BE BY SOLVENT CEMENT JOINTING CONFORMING TO ASTM D2564.
- FOR STACKS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), POLYPROPYLENE PIPES AND FITTINGS, PN 10 MINIMUM RATING.
- FOR COLLECTORS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), POLYPROPYLENE PIPES AND FITTINGS, PN 10 MINIMUM RATING.
- JOINTING SHALL BE ELECTRO FUSION. "GEBERIT", "VALSIR" BRAND.

- VENT LINES / STACKS** – SHALL BE POLYVINYL CHLORIDE (PVC) PIPES AND FITTINGS CONFORMING TO ASTM D2729 AND ASTM D3311, SERIES 1000 II, "NELTEX", "EMERALD", "MOLDEX", "CROWN PIPES" BRAND OR APPROVED EQUAL. JOINTING SHALL BE BY SOLVENT CEMENT JOINTING CONFORMING TO ASTM D2564.

- PERFORATED PIPES** – SHALL BE POLYVINYL CHLORIDE (PVC) PIPES AND FITTINGS CONFORMING TO ASTM D2729 AND ASTM D3311, SERIES 1000 II, "NELTEX", "EMERALD", "MOLDEX", "CROWN PIPES" BRAND OR APPROVED EQUAL. JOINTING SHALL BE BY SOLVENT CEMENT JOINTING CONFORMING TO ASTM D2564.

- WATER METER** – VOLUMETRIC TYPE FOR 25MM AND BELOW. ROTARY VANE TYPE FOR 32MM AND ABOVE. "ROCKWELL", "BADGER", "SYNERGY", "AMICO" OR MWSI APPROVED.

- VALVES** – "KENNEDY", "AMICO", "BERMAD", "OOVAL", "DOROT" OR EQUIVALENT.

- DRAINS** – "JAMAN" BY EUROBRASS OR EQUIVALENT.

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021**

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
EXHAUST FAN DEMARCATON LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

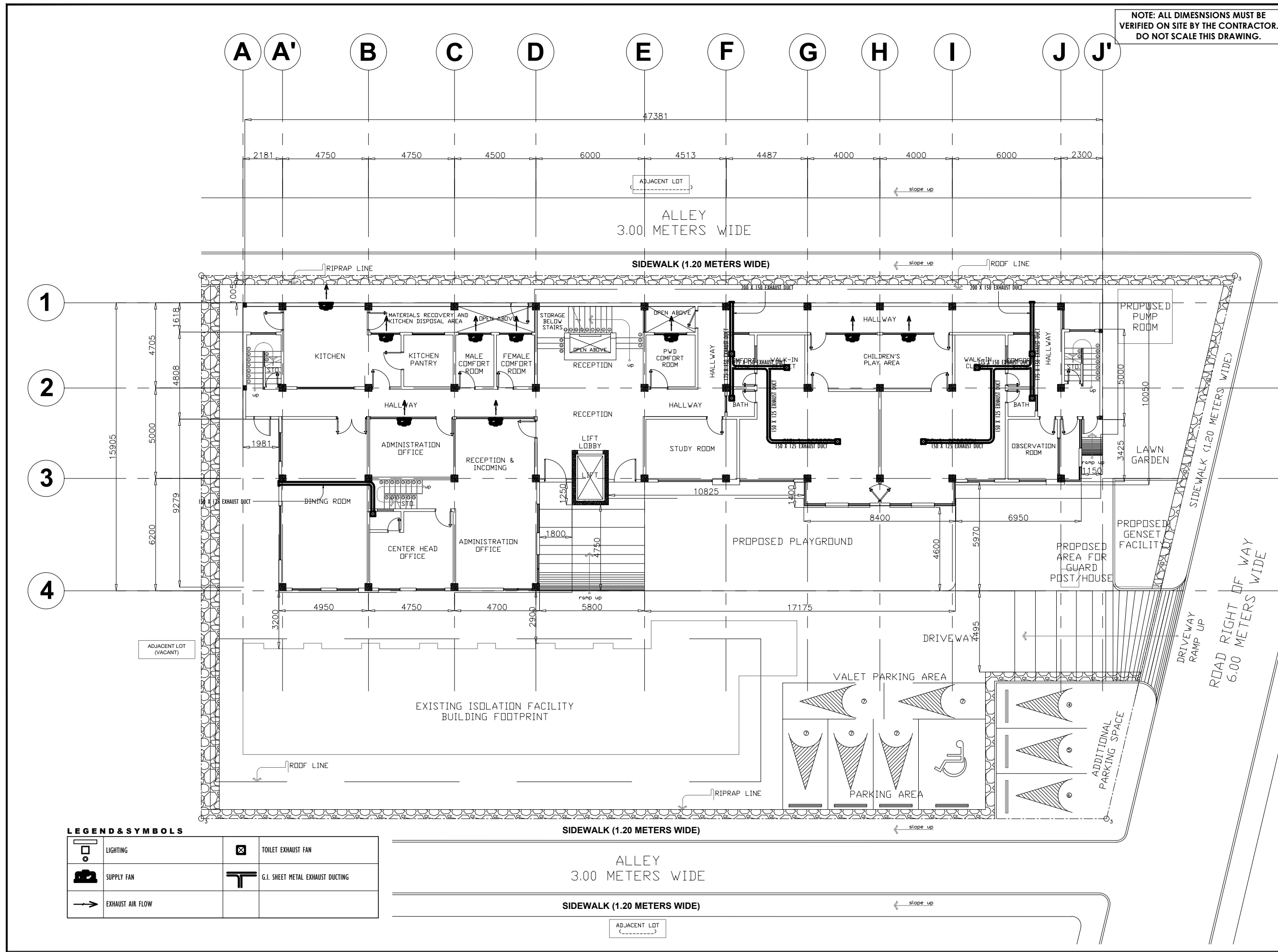
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY M **SHEET NUMBER** M-1 **PAPER SIZE** A3



LEGEND & SYMBOLS

	LIGHTING		TOILET EXHAUST FAN
	SUPPLY FAN		G.I. SHEET METAL EXHAUST DUCTING
	EXHAUST AIR FLOW		

GROUND FLOOR EXHAUST FAN DEMARCATON LAYOUT
SCALE 1:250M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
EXHAUST FAN DEMARICATION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

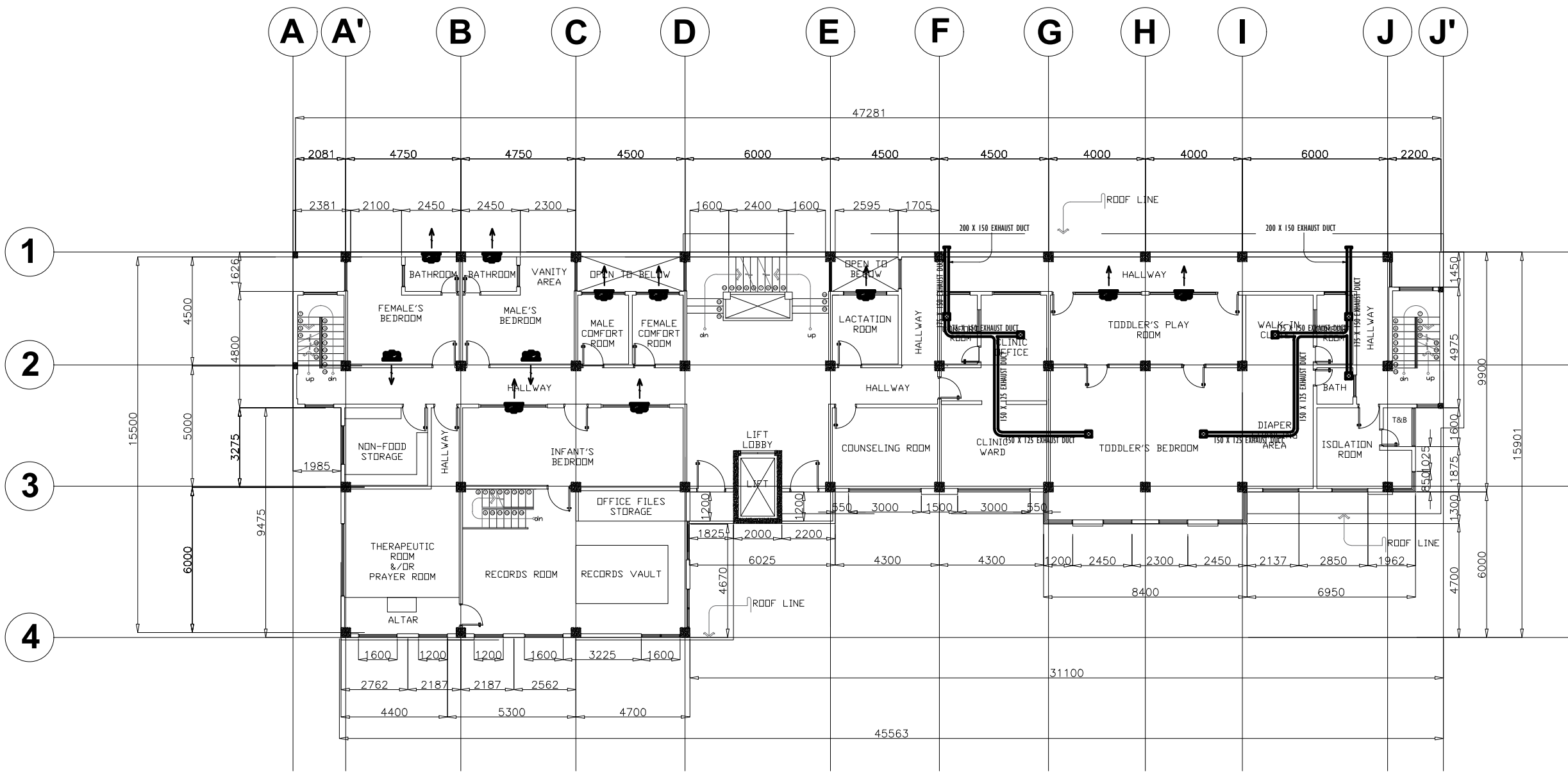
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
M	M-2	A3



LEGEND & SYMBOLS

	LIGHTING		TOILET EXHAUST FAN
	SUPPLY FAN		G.I. SHEET METAL EXHAUST DUCTING
	EXHAUST AIR FLOW		

1
M 2 **SECOND FLOOR EXHAUST FAN DEMARICATION LAYOUT**
 SCALE 1:250M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
EXHAUST FAN DEMARCATION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

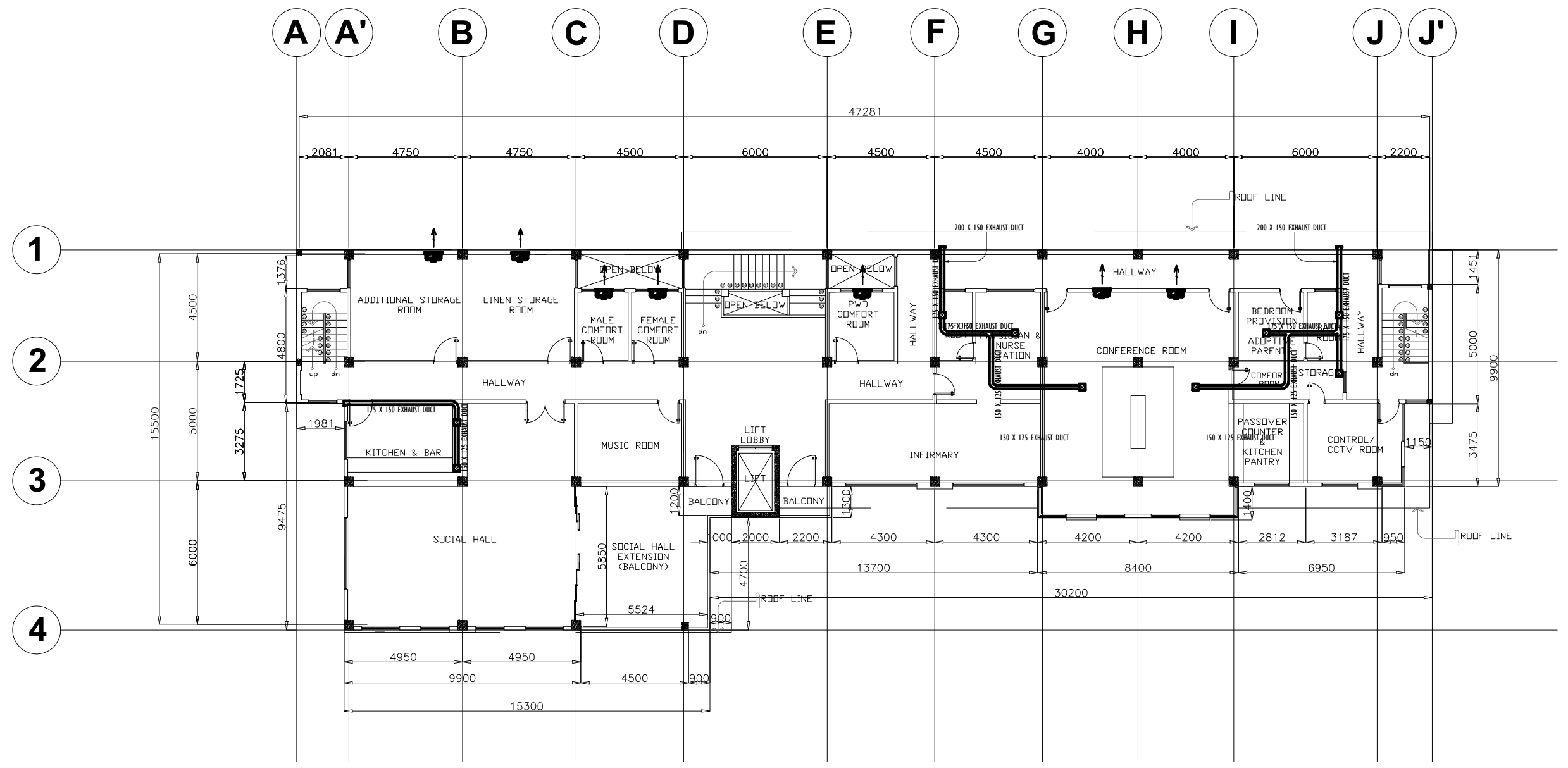
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
M	M-3	A3



LEGEND & SYMBOLS

	LIGHTING		TOILET EXHAUST FAN
	SUPPLY FAN		G.I. SHEET METAL EXHAUST DUCTING
	EXHAUST AIR FLOW		

THIRD FLOOR EXHAUST FAN DEMARCATION LAYOUT
SCALE: 1:250M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
FIRE SPRINKLER LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

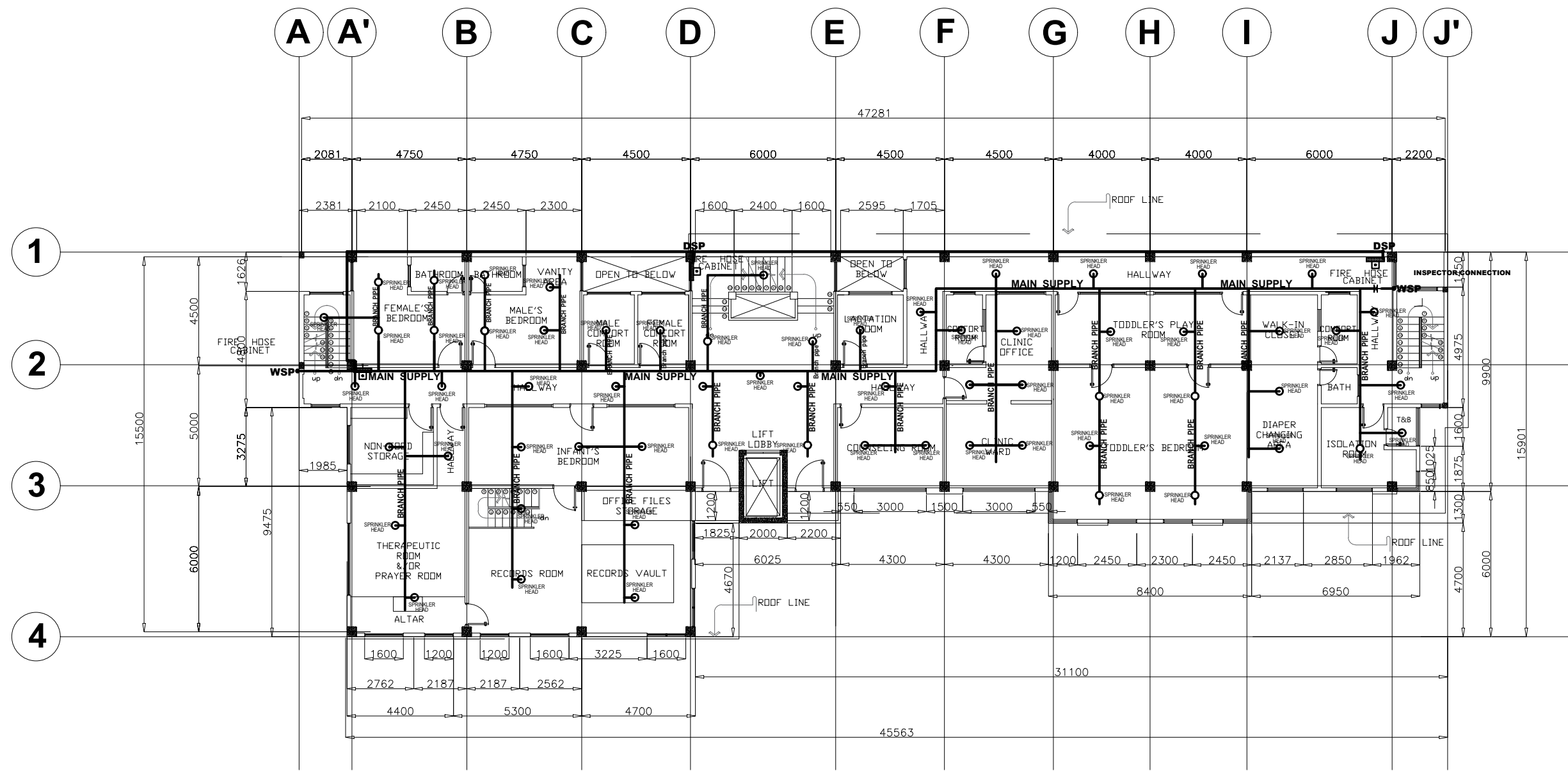
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
F	F-2	A3



LEGEND & SYMBOLS

	LIGHTING		ODSP DRY STAND PIPE		SIAMESE CONNECTION
	SPRINKLER HEAD		OWSP WET STAND PIPE		MAIN SUPPLY PIPE
	FIRE HOSE CABINET W/ COMPLETE ACCESSORIES		PUMP		BRANCH PIPE

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
FIRE SPRINKLER LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

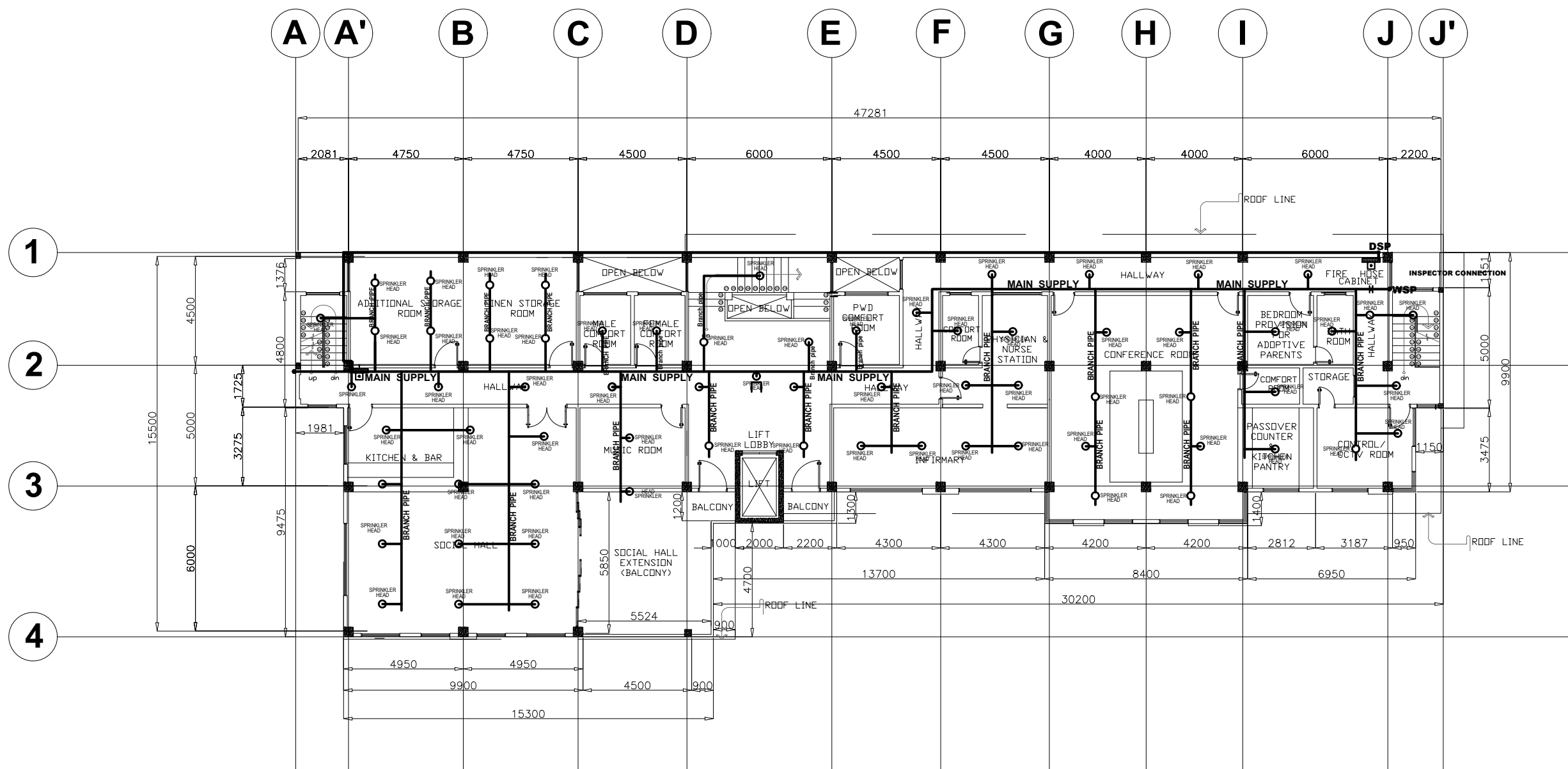
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
F	F-3	A3



LEGEND & SYMBOLS

	LIGHTING		ODSP DRY STAND PIPE		SIAMESE CONNECTION
	SPRINKLER HEAD		OWSP WET STAND PIPE		MAIN SUPPLY PIPE
	FIRE HOSE CABINET W/ COMPLETE ACCESSORIES		PUMP		BRANCH PIPE



THIRD FLOOR FIRE SPRINKLER SYSTEM LAYOUT

SCALE 1:250M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.

PROJECT NAME:
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION:
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT:
FIRE SPRINKLER LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
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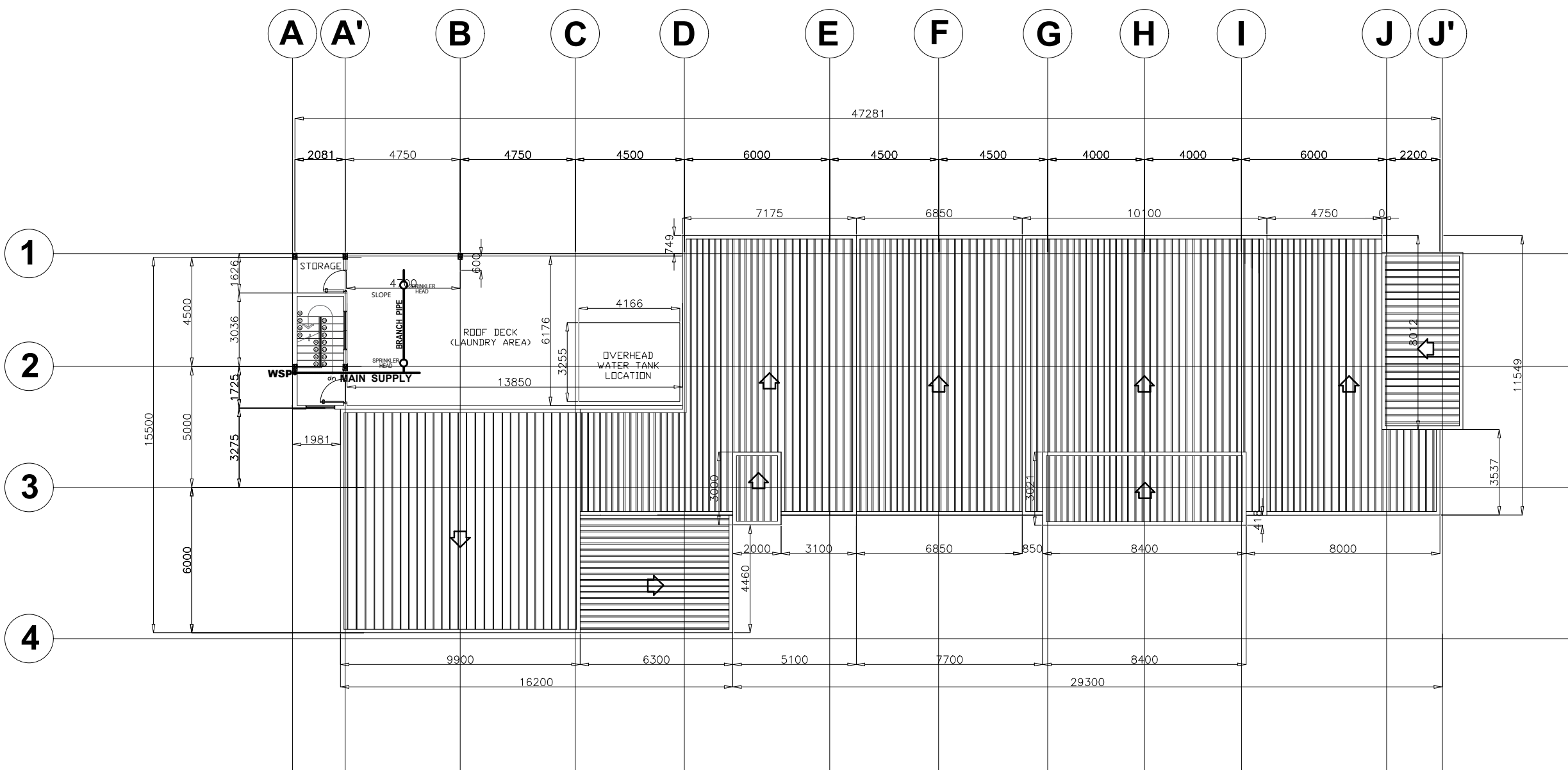
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
F	F-4	A3



LEGEND & SYMBOLS

	LIGHTING		ODSP DRY STAND PIPE		SIEMSE CONNECTION
	SPRINKLER HEAD		OWSP WET STAND PIPE		MAIN SUPPLY PIPE
	FIRE HOSE CABINET W/ COMPLETE ACCESSORIES		PUMP		BRANCH PIPE

1
SCALE 1:250M
ROOF DECK FIRE SPRINKLER SYSTEM LAYOUT

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
SMOKE DETECTOR & CCTV
DEMARICATION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

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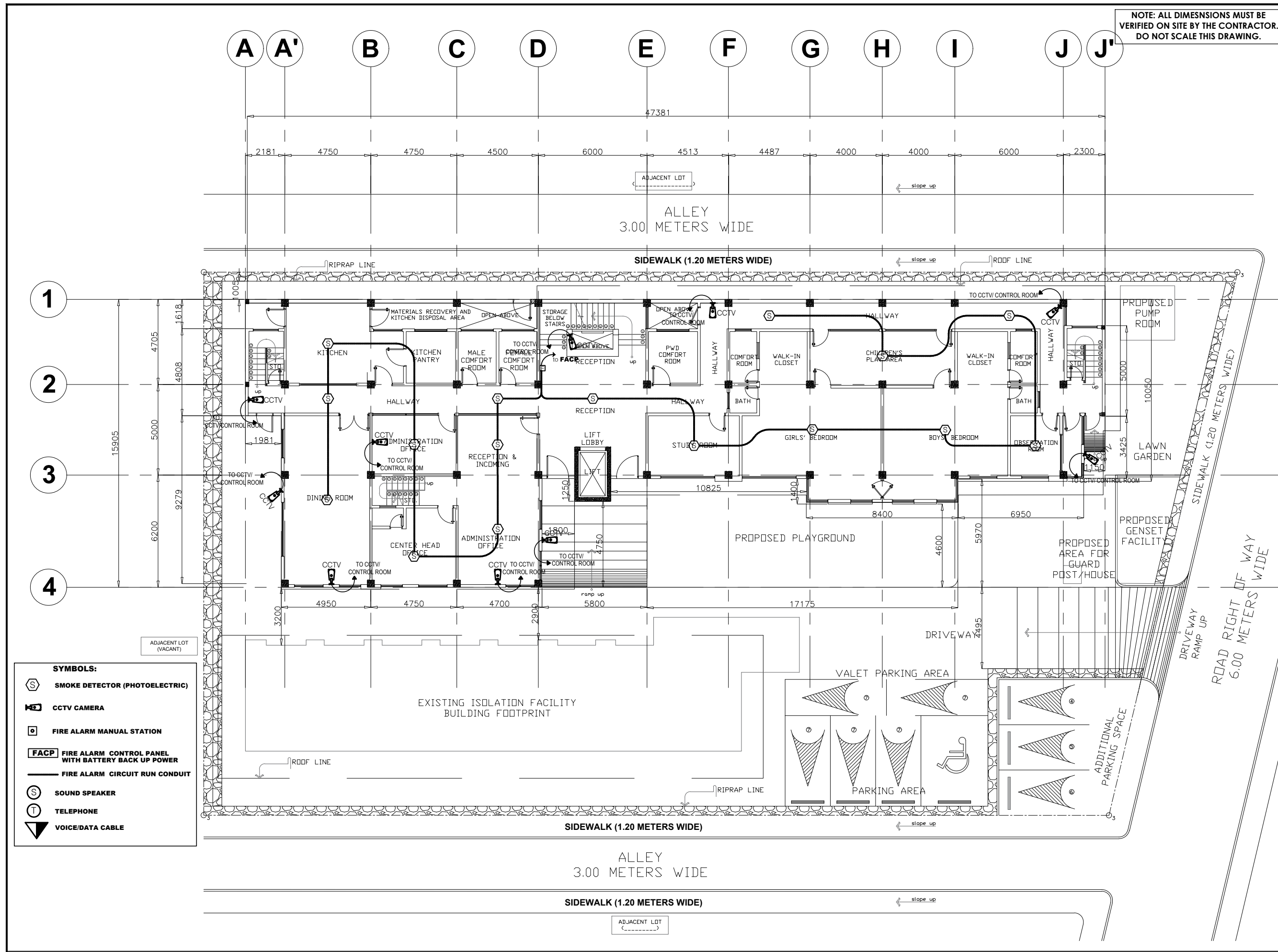
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-1	A3



SYMBOLS:

- SMOKE DETECTOR (PHOTOELECTRIC)
- CCTV CAMERA
- FIRE ALARM MANUAL STATION
- FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
- FIRE ALARM CIRCUIT RUN CONDUIT
- SOUND SPEAKER
- TELEPHONE
- VOICE/DATA CABLE

1
EC 1 GROUND FLOOR SMOKE DETECTOR and CCTV DEMARICATION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
SMOKE DETECTOR & CCTV
DEMARICATION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

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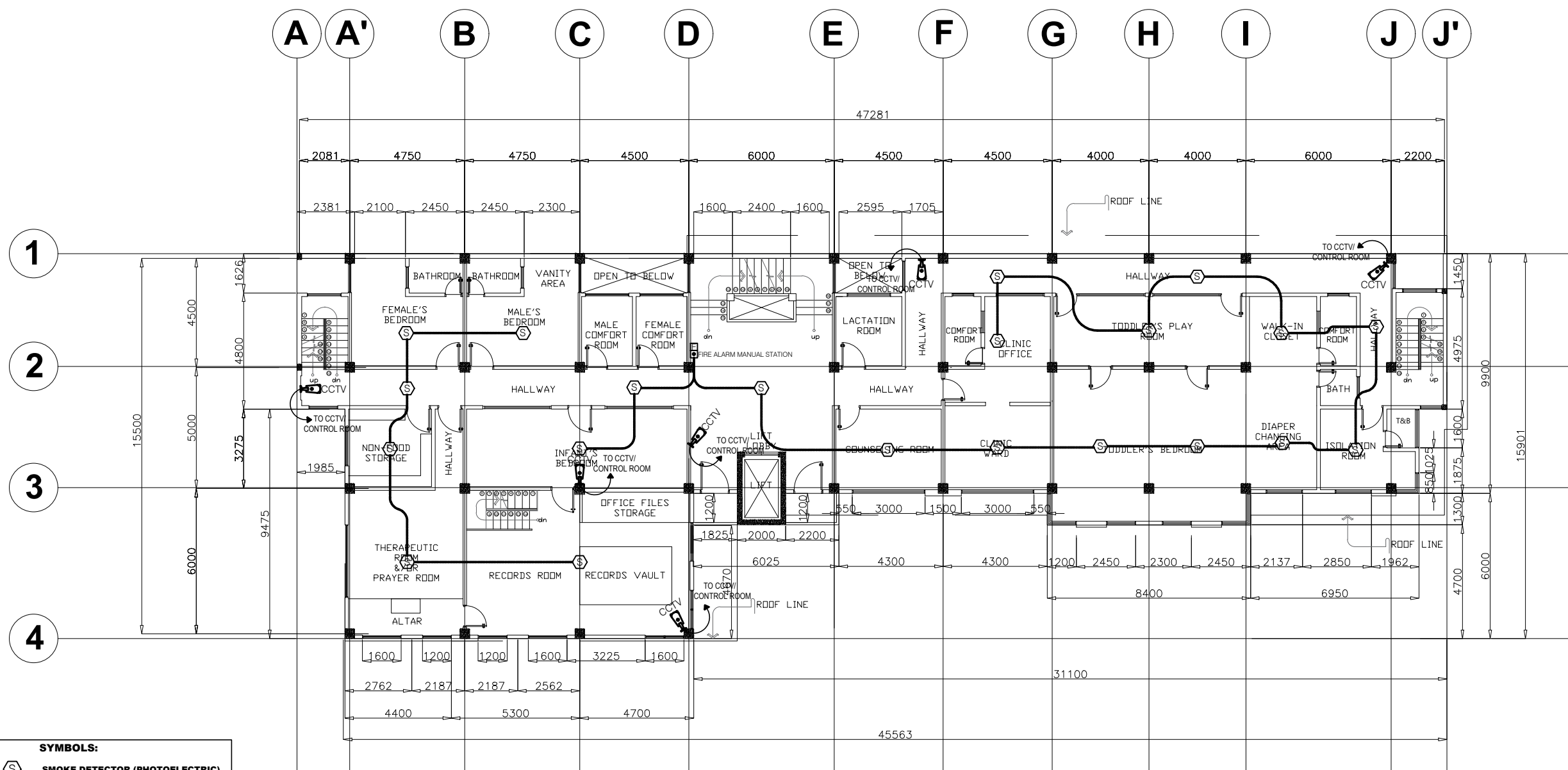
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-2	A3



- SYMBOLS:**
- SMOKE DETECTOR (PHOTOELECTRIC)
 - CCTV CAMERA
 - FIRE ALARM MANUAL STATION
 - FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
 - FIRE ALARM CIRCUIT RUN CONDUIT
 - SOUND SPEAKER
 - TELEPHONE
 - VOICE/DATA CABLE

1 SECOND FLOOR SMOKE DETECTOR and CCTV DEMARICATION LAYOUT
EC 2 SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**SMOKE DETECTOR & CCTV
DEMARICATION LAYOUT**

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

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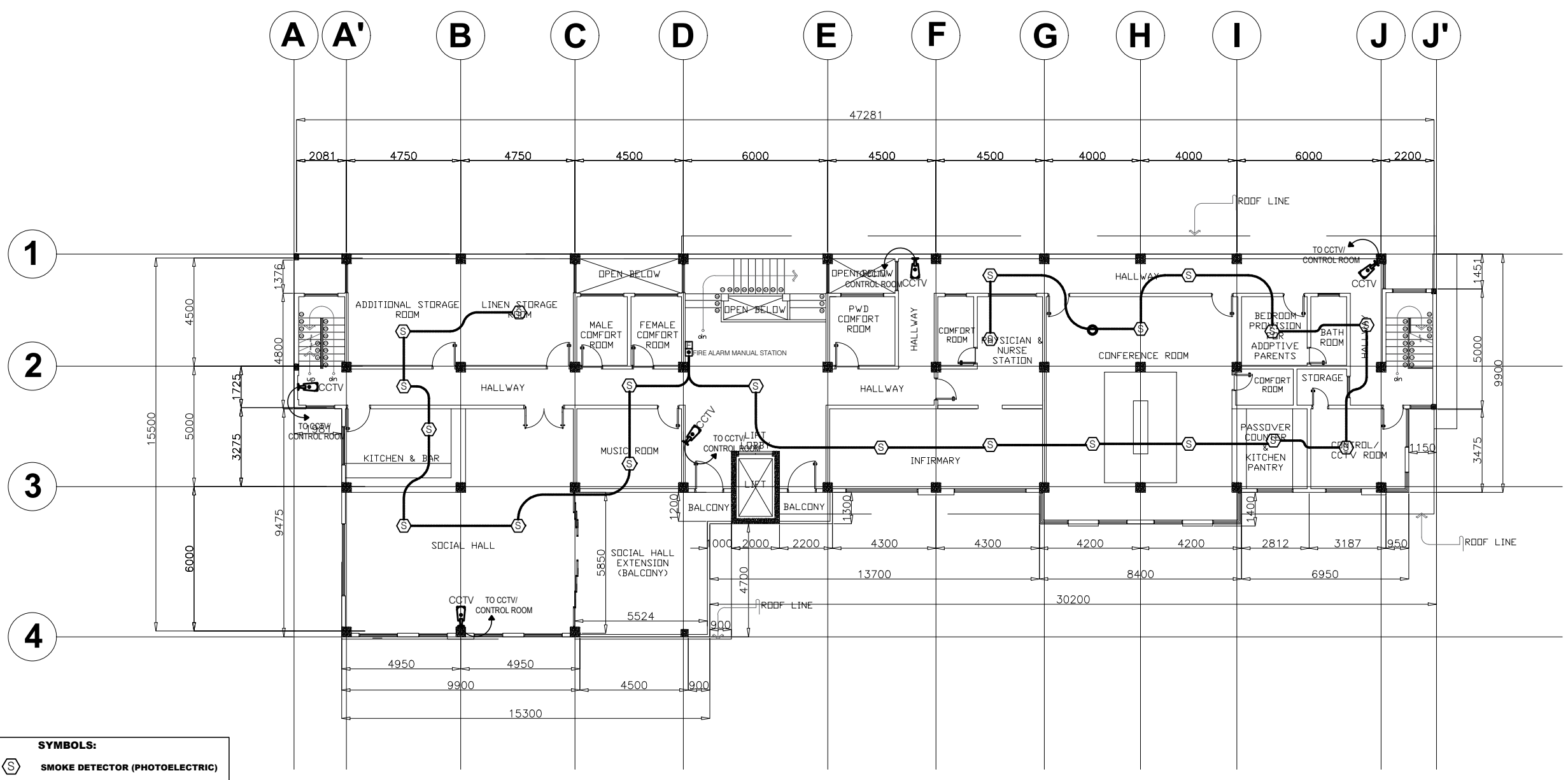
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-3	A3



SYMBOLS:

- SMOKE DETECTOR (PHOTOELECTRIC)
- CCTV CAMERA
- FIRE ALARM MANUAL STATION
- FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
- FIRE ALARM CIRCUIT RUN CONDUIT
- SOUND SPEAKER
- TELEPHONE
- VOICE/DATA CABLE

1 **THIRD FLOOR SMOKE DETECTOR and CCTV DEMARICATION LAYOUT**
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
SMOKE DETECTOR & CCTV DEMARCATION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

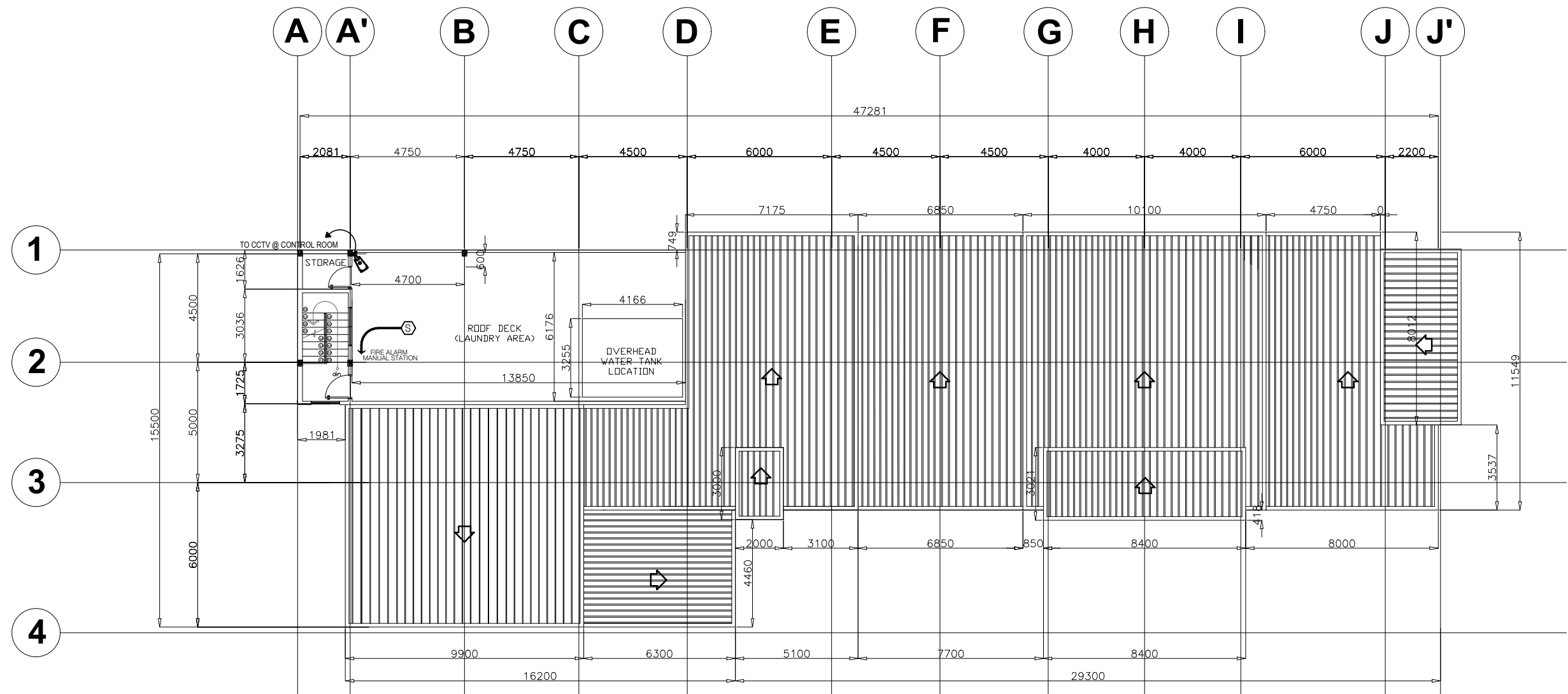
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-4	A3



SYMBOLS:

- SMOKE DETECTOR (PHOTOELECTRIC)
- CCTV CAMERA
- FIRE ALARM MANUAL STATION
- FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
- FIRE ALARM CIRCUIT RUN CONDUIT
- SOUND SPEAKER
- TELEPHONE
- VOICE/DATA CABLE

1
EC 4 SCALE **ROOF DECK SMOKE DETECTOR and CCTV DEMARCATION LAYOUT** 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
 COMPLETION OF THREE (3) STOREY
 DSWD-CAR RECEPTION AND
 STUDY CENTER FOR CHILDREN
 (RSCC) BUILDING

LOCATION :
 DSWD - RECEPTION AND STUDY
 CENTER FOR CHILDREN, PUGUIS, LA
 TRINIDAD, BENGUET

SHEET CONTENT :
 SOUND SPEAKER SYSTEM LAYOUT

APPROVED BY
 LEO L. QUINTILLA
Regional Director

CONFORMED BY
 AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
 RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
 JIMMY M. MAYORES
Architect I, BGMS

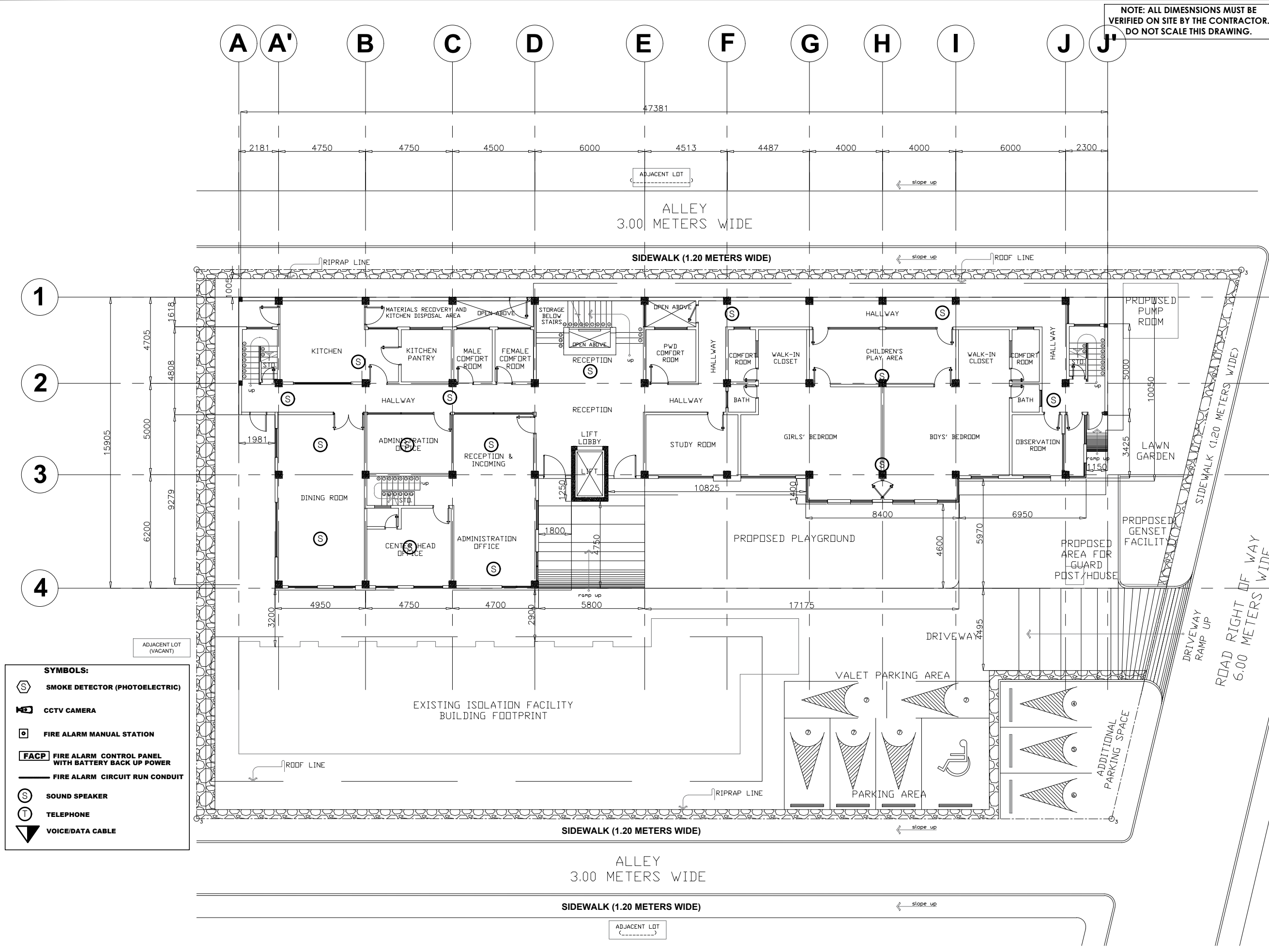
PROJECT/TA No.:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY EC **SHEET NUMBER** EC-5 **PAPER SIZE** A3



- SYMBOLS:**
- SMOKE DETECTOR (PHOTOELECTRIC)
 - CCTV CAMERA
 - FIRE ALARM MANUAL STATION
 - FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
 - FIRE ALARM CIRCUIT RUN CONDUIT
 - SOUND SPEAKER
 - TELEPHONE
 - VOICE/DATA CABLE

1 GROUND FLOOR SOUND SPEAKER DEMARCATION LAYOUT
 SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
SOUND SPEAKER SYSTEM LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

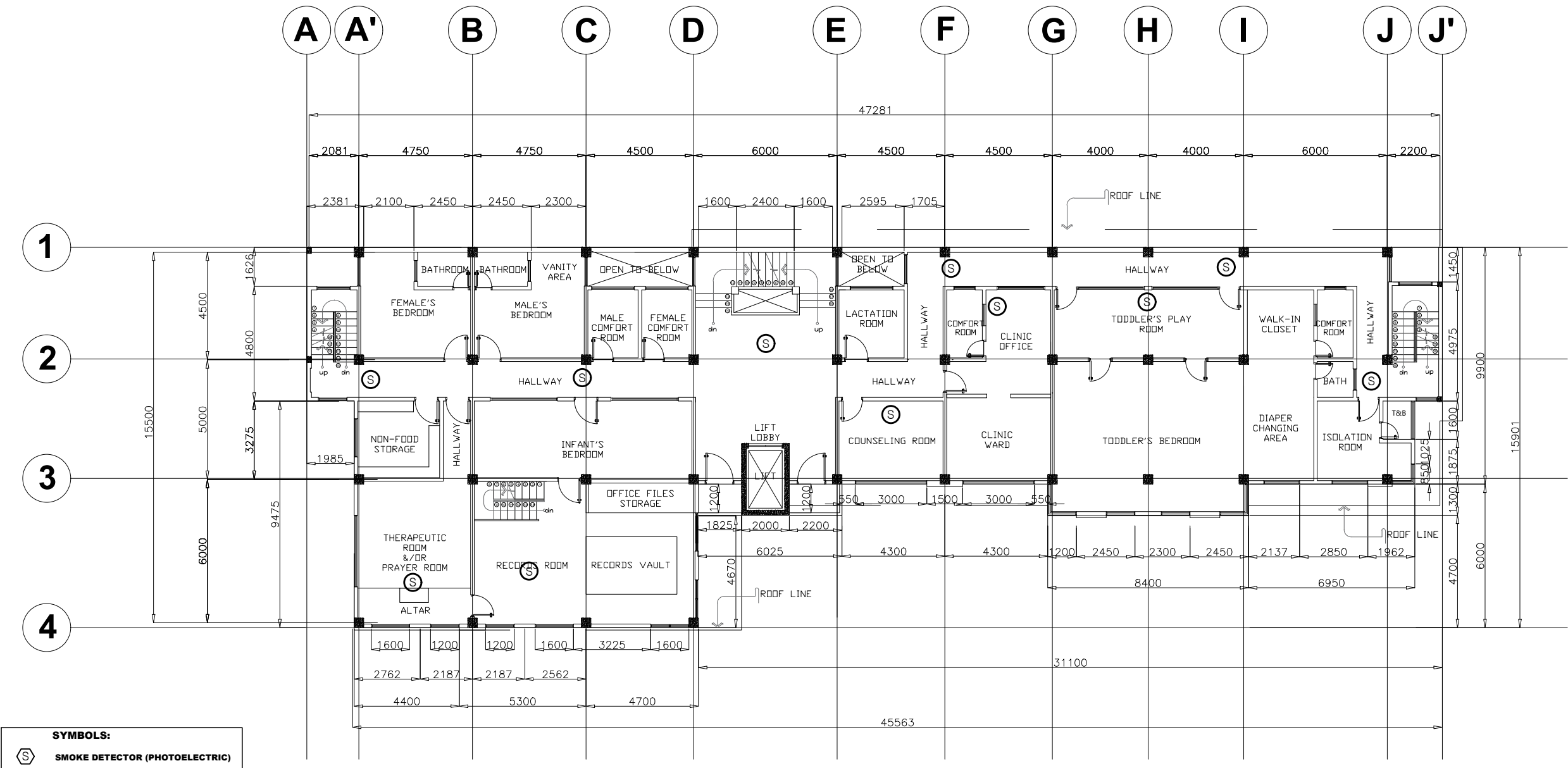
PROJECT/TA No.:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-6	A3



- SYMBOLS:**
- SMOKE DETECTOR (PHOTOELECTRIC)
 - CCTV CAMERA
 - FIRE ALARM MANUAL STATION
 - FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
 - FIRE ALARM CIRCUIT RUN CONDUIT
 - SOUND SPEAKER
 - TELEPHONE
 - VOICE/DATA CABLE

SECOND FLOOR SOUND SYSTEM DEMARICATION LAYOUT
SCALE: 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
 DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
SOUND SPEAKER SYSTEM LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
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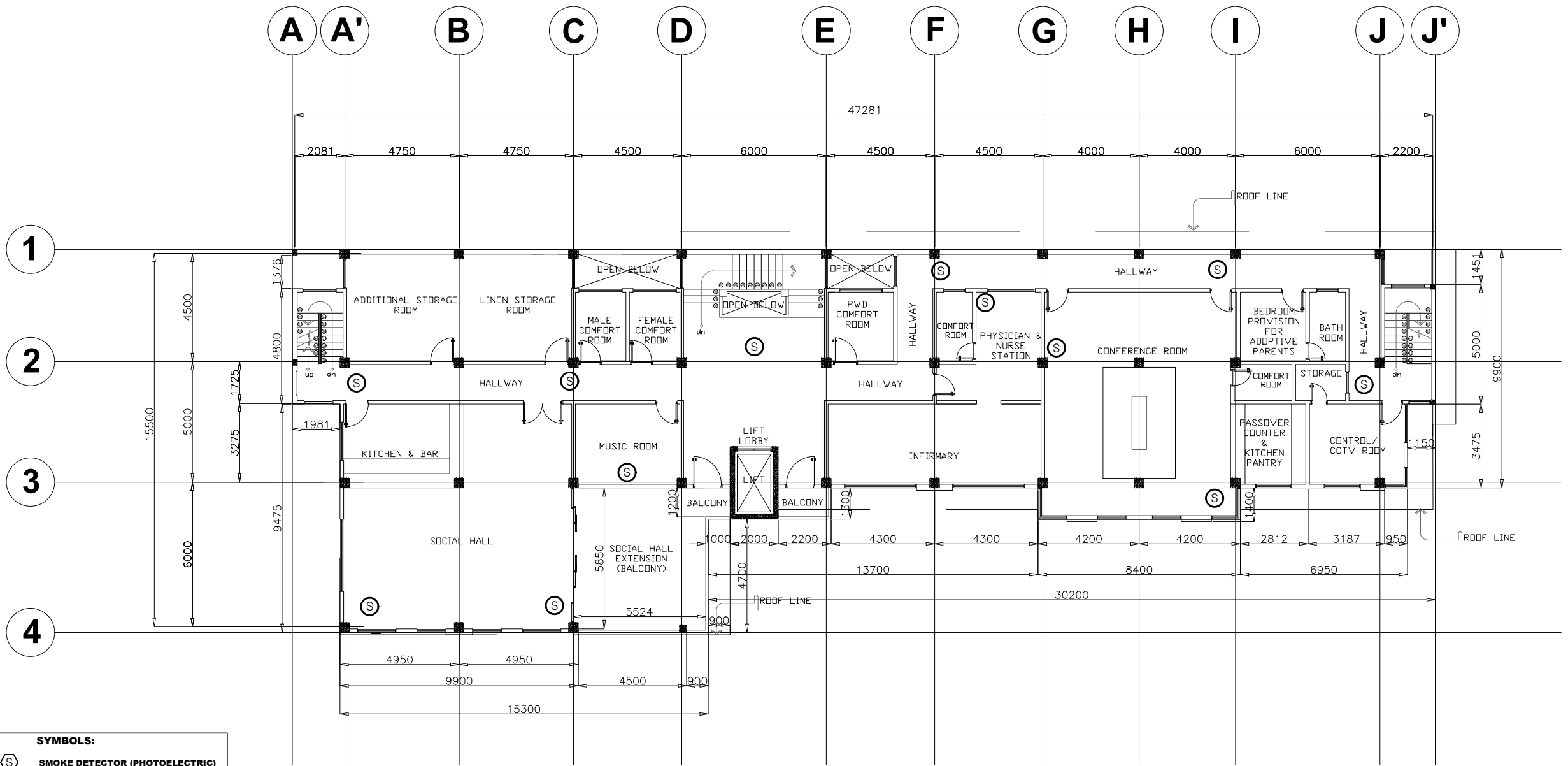
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-7	A3



SYMBOLS:

- SMOKE DETECTOR (PHOTOELECTRIC)**
- CCTV CAMERA**
- FIRE ALARM MANUAL STATION**
- FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER**
- FIRE ALARM CIRCUIT RUN CONDUIT**
- SOUND SPEAKER**
- TELEPHONE**
- VOICE/DATA CABLE**

1 EC 7 **THIRD FLOOR SOUND SYSTEM DEMARICATION LAYOUT** SCALE **1:200M**

DSWD Field Office Cordillera Administrative Region, 40 North Drive, 2600 Baguio City, Philippines
 Email: focar@dswd.gov.ph Tel. Nos.: (6374) 446-5961/662-0430 | (6302) 396-6580
 Mobile Nos.: (63917) 871-9893/872-0256 | (63919) 065-5365 to 68 Website: www.car.dswd.gov.ph

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
SOUND SPEAKER SYSTEM LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

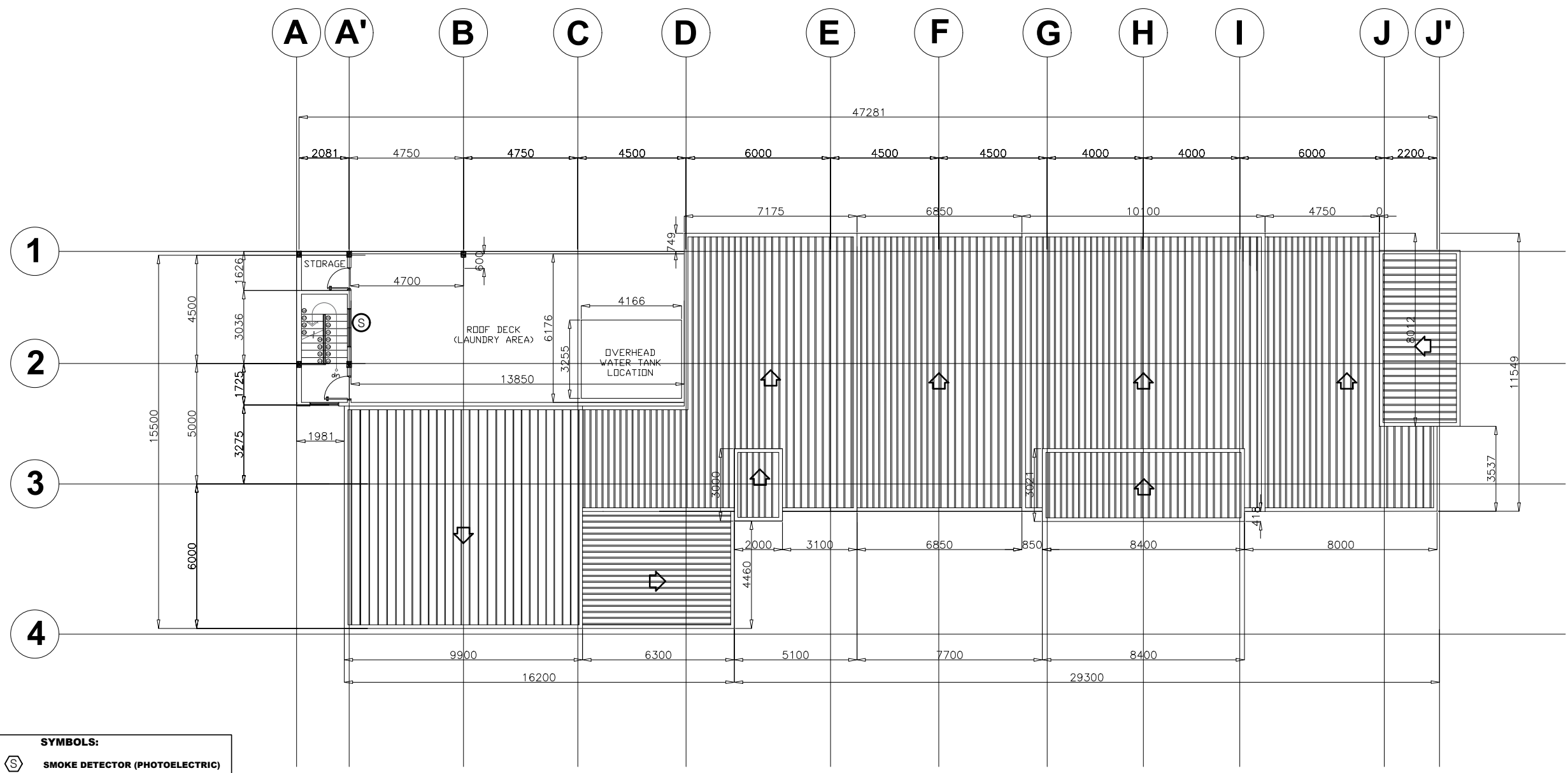
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-8	A3



SYMBOLS:

	SMOKE DETECTOR (PHOTOELECTRIC)
	CCTV CAMERA
	FIRE ALARM MANUAL STATION
	FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
	FIRE ALARM CIRCUIT RUN CONDUIT
	SOUND SPEAKER
	TELEPHONE
	VOICE/DATA CABLE

1 ROUND FLOOR SOUND SYSTEM DEMARCATION LAYOUT
SCALE 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
INTERCOMMUNICATION LAYOUT

APPROVED BY

LEO L. QUINTILLA
Regional Director

CONFORMED BY

AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:

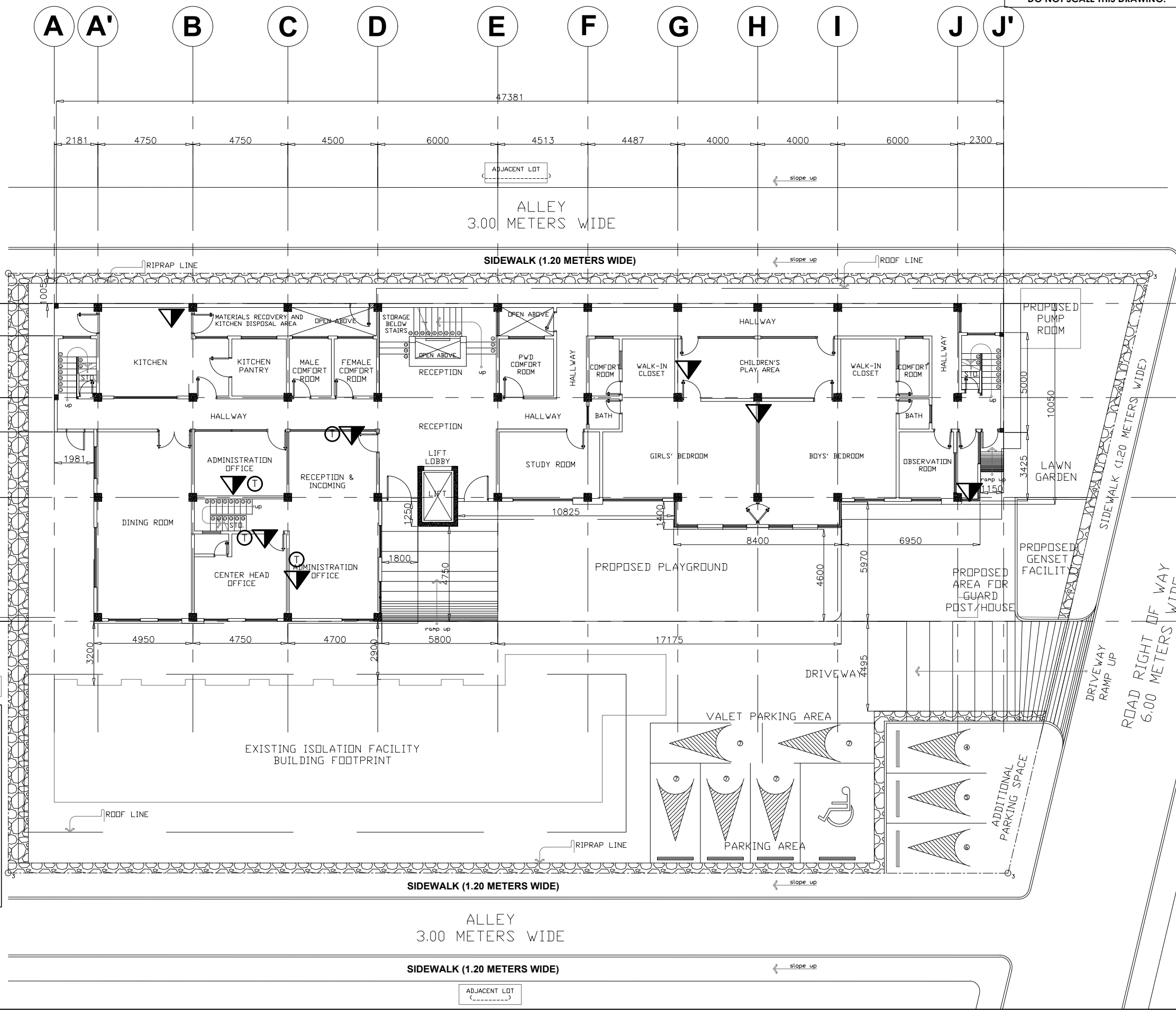
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

EC EC-9 A3



SYMBOLS:

- S SMOKE DETECTOR (PHOTOELECTRIC)
- CCTV CCTV CAMERA
- FAS FIRE ALARM MANUAL STATION
- FACP FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER
- FIRE ALARM CIRCUIT RUN CONDUIT
- S SOUND SPEAKER
- T TELEPHONE
- VOICE/DATA CABLE

GROUND FLOOR INTERCOMMUNICATION LAYOUT
SCALE: 1:200M

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR. DO NOT SCALE THIS DRAWING.



ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
INTERCOMMUNICATION LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

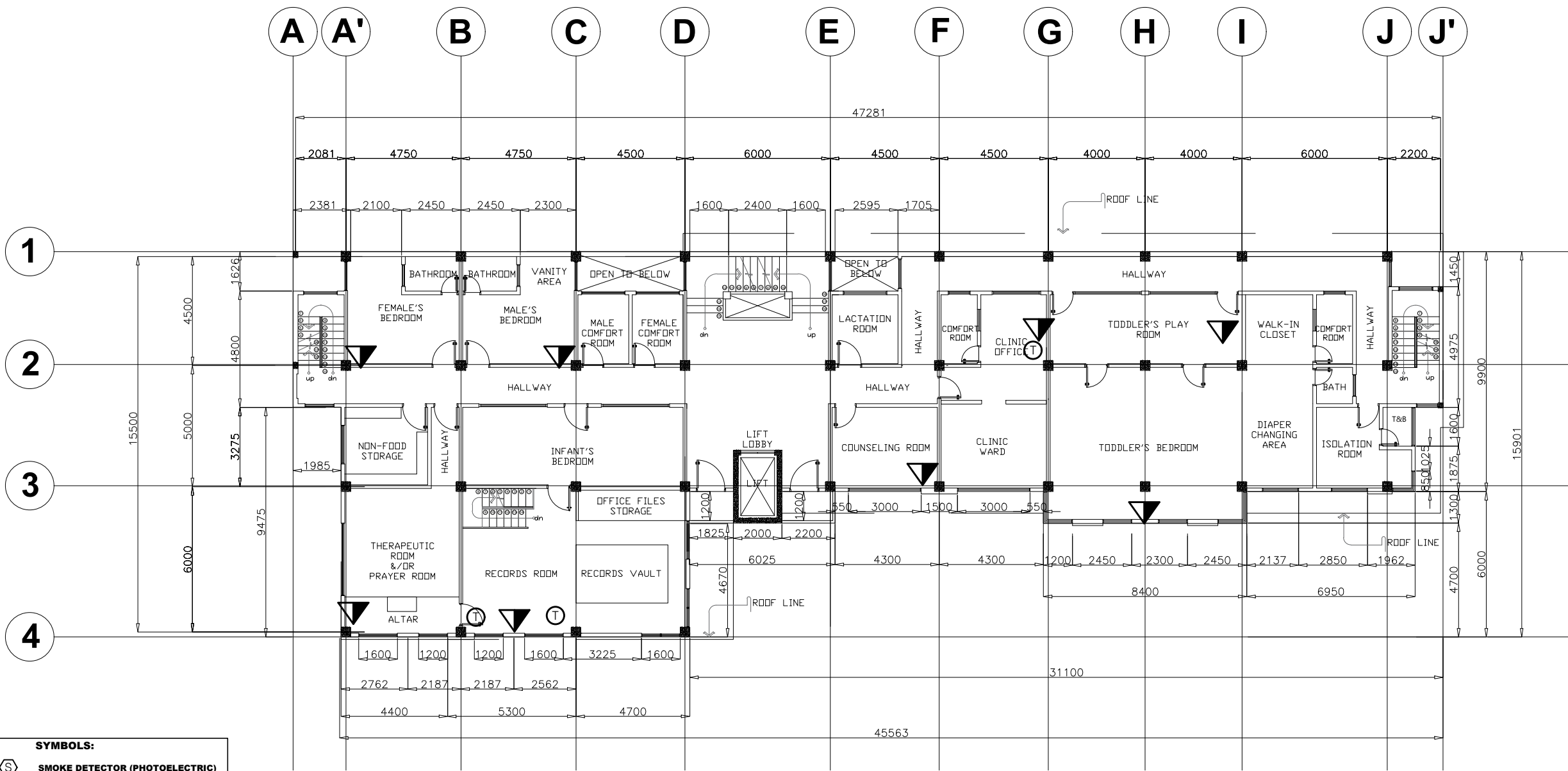
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OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No:
DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY



SYMBOLS:

- SMOKE DETECTOR (PHOTOELECTRIC)**
- CCTV CAMERA**
- FIRE ALARM MANUAL STATION**
- FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER**
- FIRE ALARM CIRCUIT RUN CONDUIT**
- SOUND SPEAKER**
- TELEPHONE**
- VOICE/DATA CABLE**

1 EC 10 **SECOND FLOOR INTERCOMMUNICATION LAYOUT** SCALE 1:200M

PLAN CATEGORY **EC** SHEET NUMBER **EC-10** PAPER SIZE **A3**

NOTE: ALL DIMENSIONS MUST BE VERIFIED ON SITE BY THE CONTRACTOR.
DO NOT SCALE THIS DRAWING.



**ADMINISTRATIVE DIVISION
FIELD OFFICE CAR
DSWD-AS-GF-058 | REV 01 | 22 DEC 2021**

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
INTERCOMMUNICATION LAYOUT

APPROVED BY
LEO L. QUINTILLA
Regional Director

CONFORMED BY
AMELYN P. CABRERA
OIC-ARD for Operations

CHECKED BY
RICHARD A. REAMICO
Administrative Officer I, BGMS Head

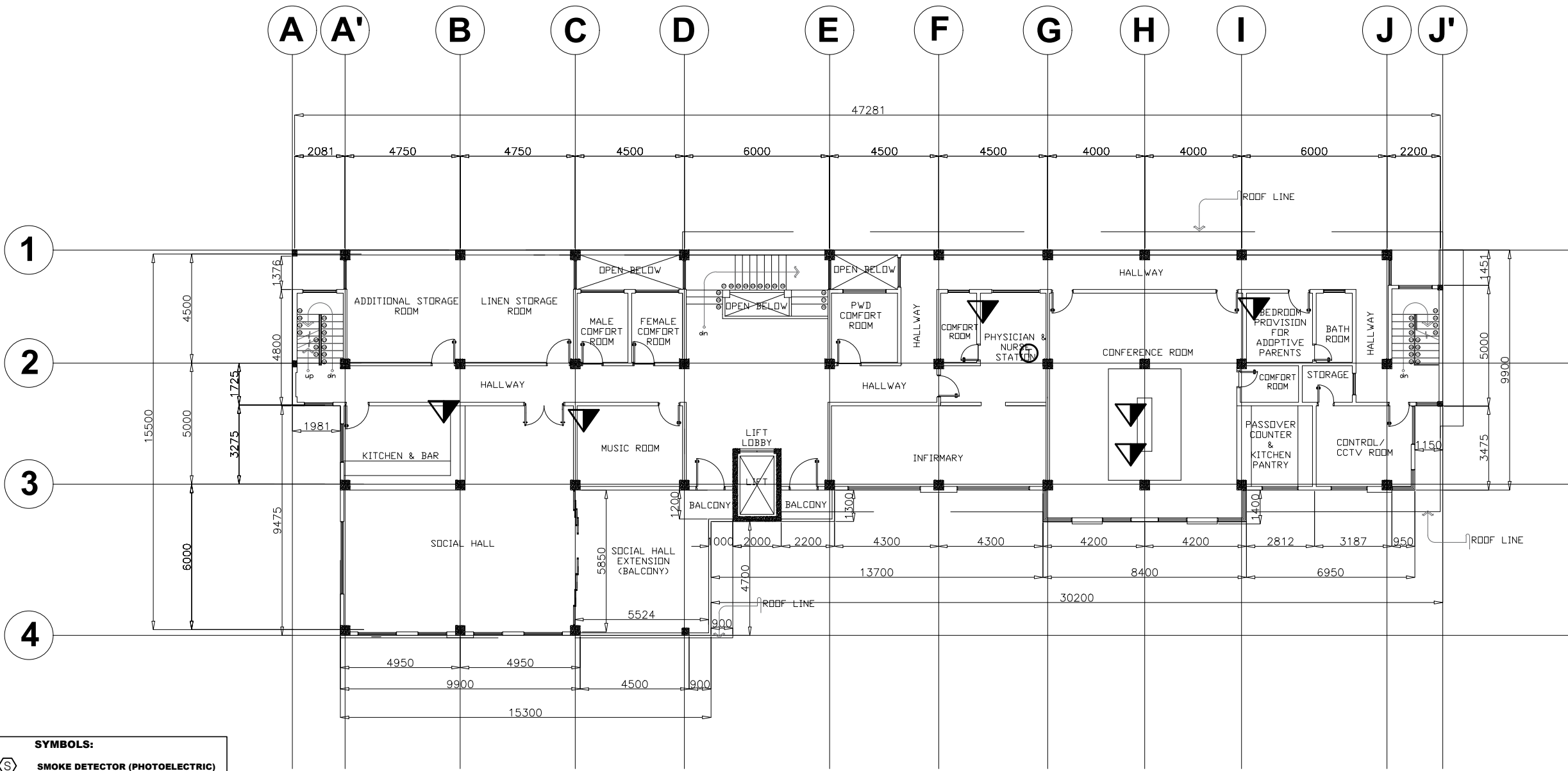
PREPARED/DESIGNED BY
JIMMY M. MAYORES
Architect I, BGMS

PROJECT/TA No: _____

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS		
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EC	EC-11	A3



SYMBOLS:

- SMOKE DETECTOR (PHOTOELECTRIC)**
- CCTV CAMERA**
- FIRE ALARM MANUAL STATION**
- FIRE ALARM CONTROL PANEL WITH BATTERY BACK UP POWER**
- FIRE ALARM CIRCUIT RUN CONDUIT**
- SOUND SPEAKER**
- TELEPHONE**
- VOICE/DATA CABLE**

1
EC 11
THIRD FLOOR INTERCOMMUNICATION LAYOUT
SCALE: 1:200M

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GENERATOR SET HOUSING DETAILS
AT RSCC

PERSPECTIVE
FLOOR PLAN
ROOF PLAN
LEFT ELEVATION

APPROVED BY

LEO L. QUINTILLA
 REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
 OIC- ASSISTANT REGIONAL DIRECTOR FOR
 OPERATIONS

CHECKED BY

RICHARD A. REAMICO
 AO I, AD-BGMS

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
 ENGINEER II - BGMS

PROJECT/TA No:

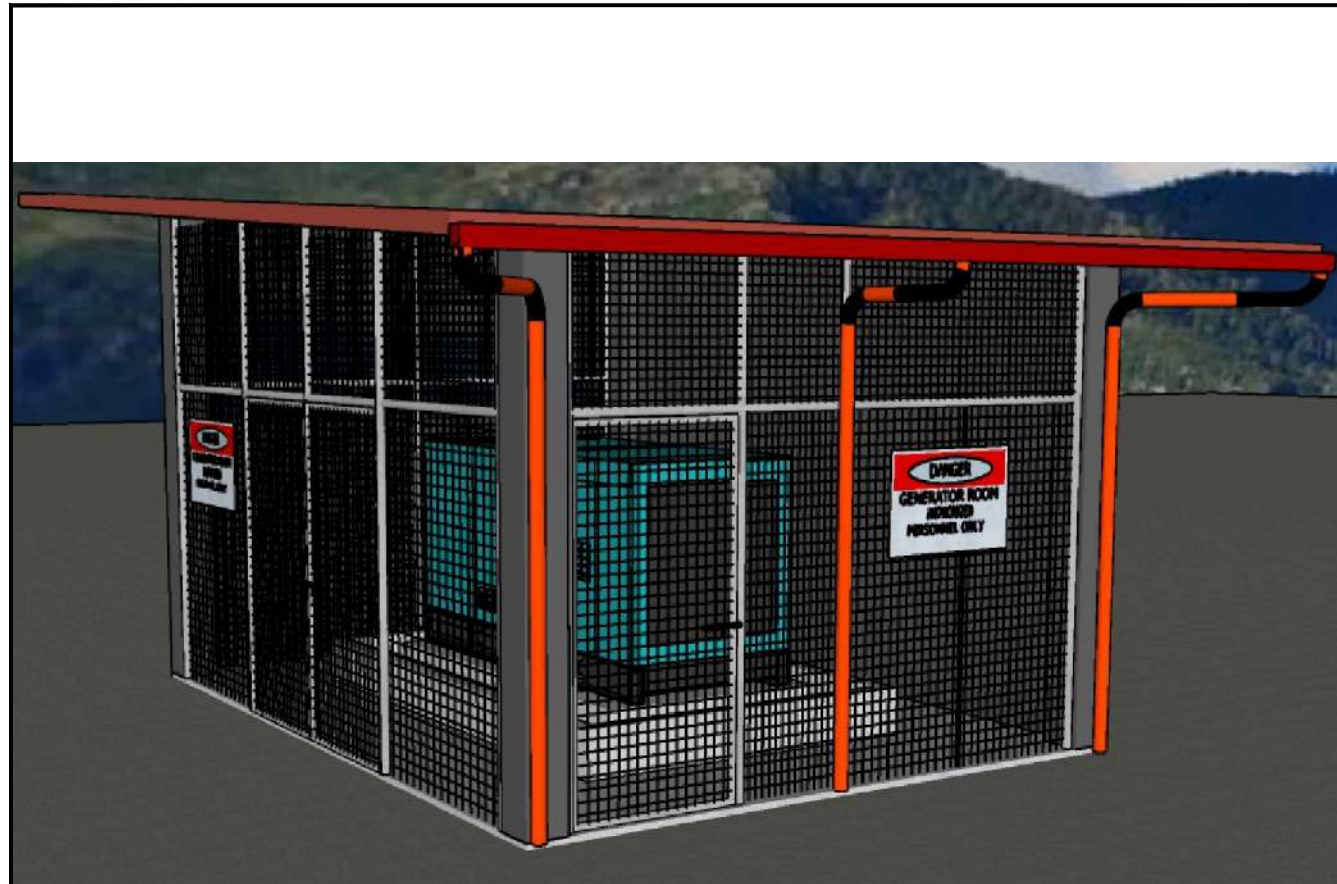
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DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

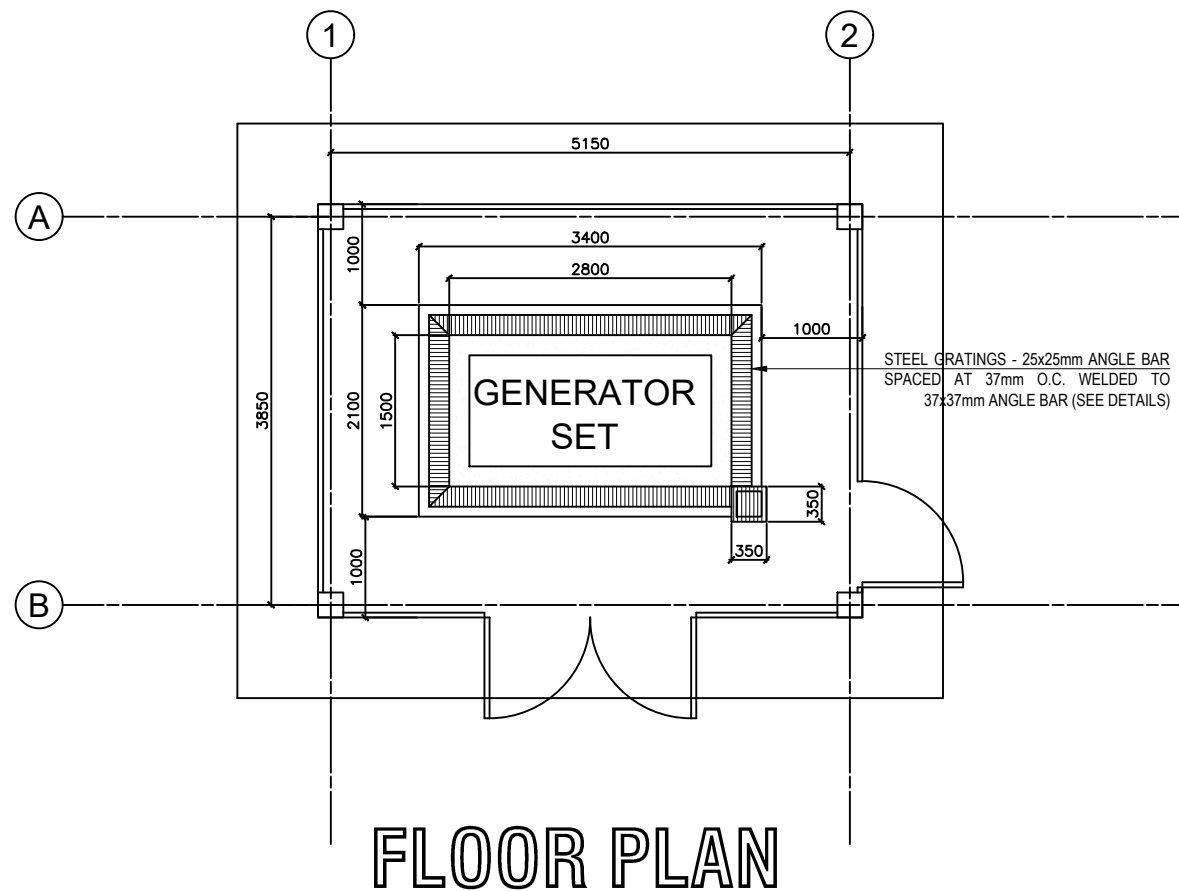
PLAN CATEGORY SHEET NUMBER PAPER SIZE

A 1 / 2 A3
 SIZE



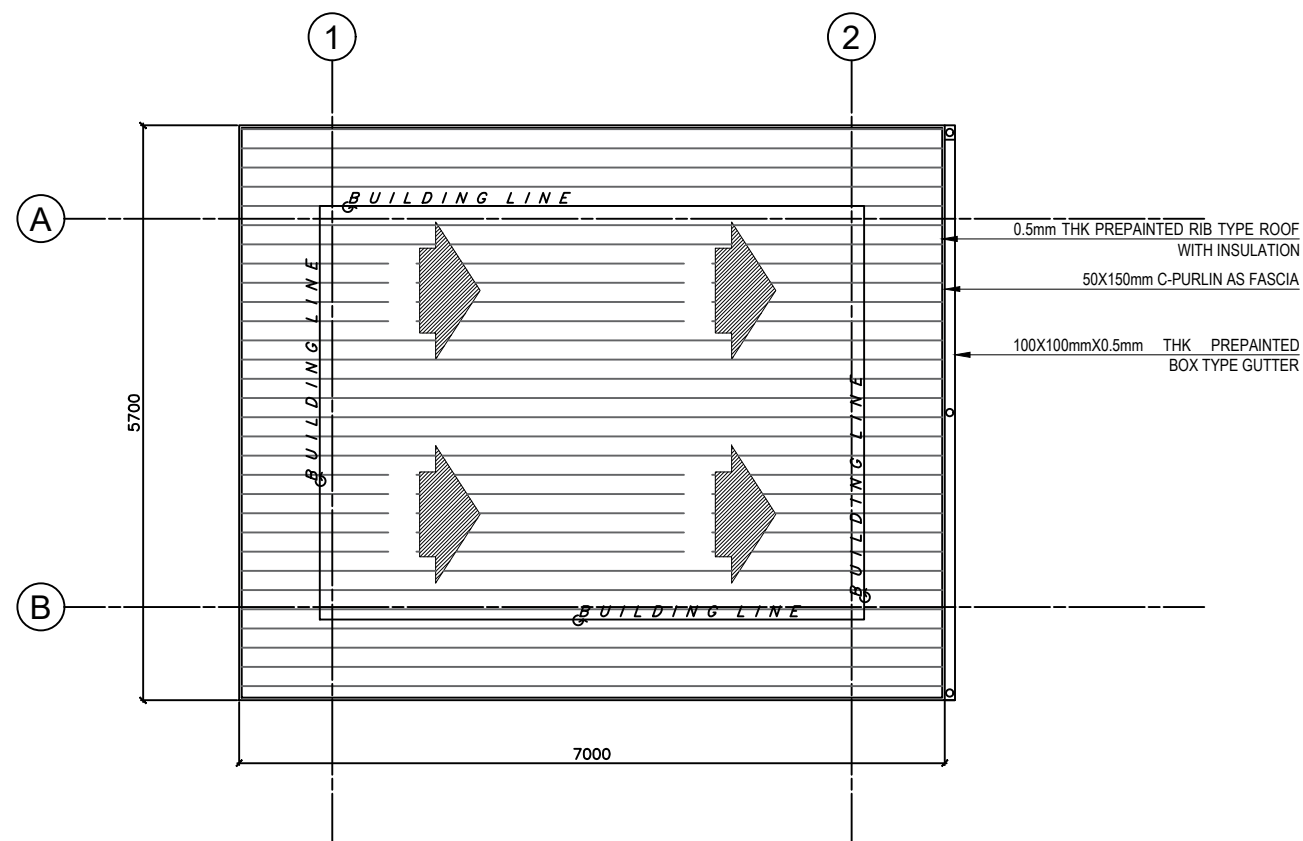
PERSPECTIVE

SCALE ---- NTS



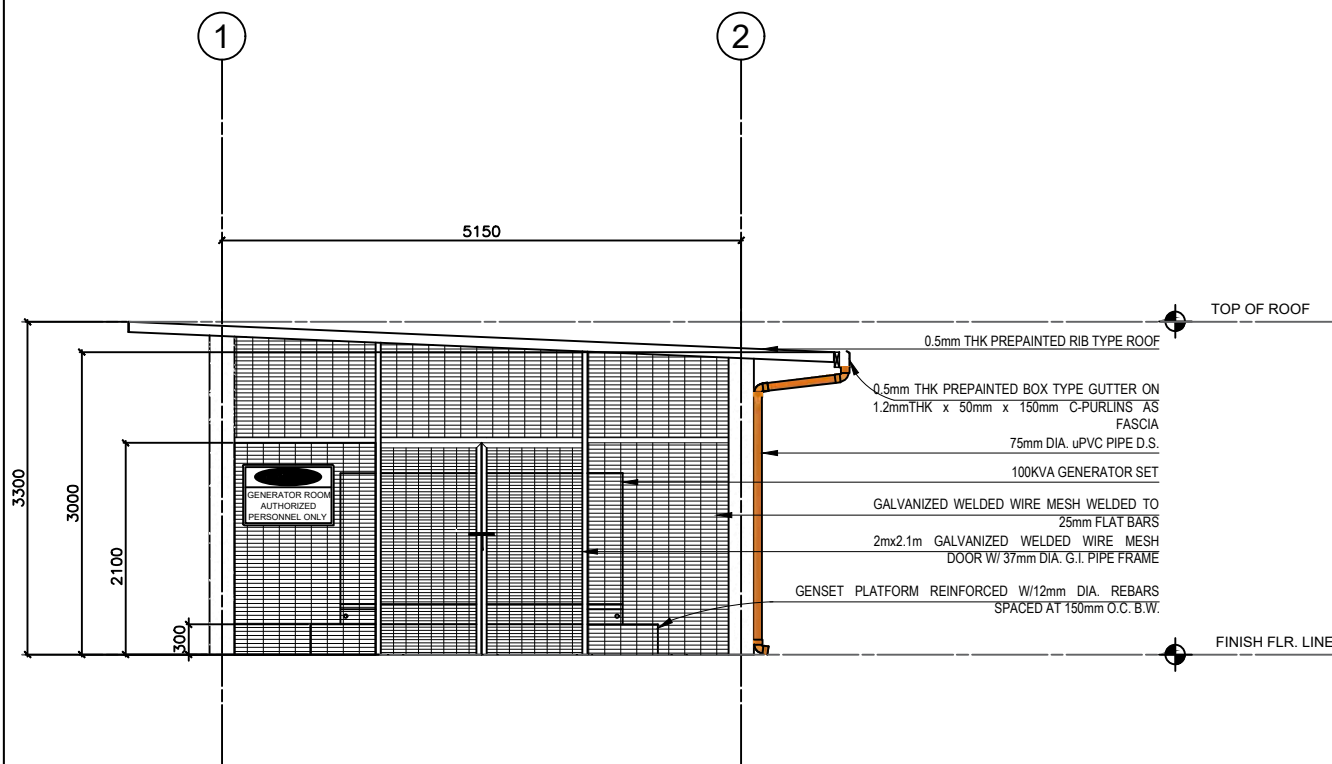
FLOOR PLAN

SCALE ---- 1:75m



ROOF PLAN

SCALE ---- 1:75m



LEFT ELEVATION

SCALE ---- 1:75m

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GENERATOR SET HOUSING DETAILS
AT RSCC
FRONT ELEVATION
RIGHT ELEVATION
REAR ELEVATION

APPROVED BY

LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
AO I, AD-BGMS

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
ENGINEER II - BGMS

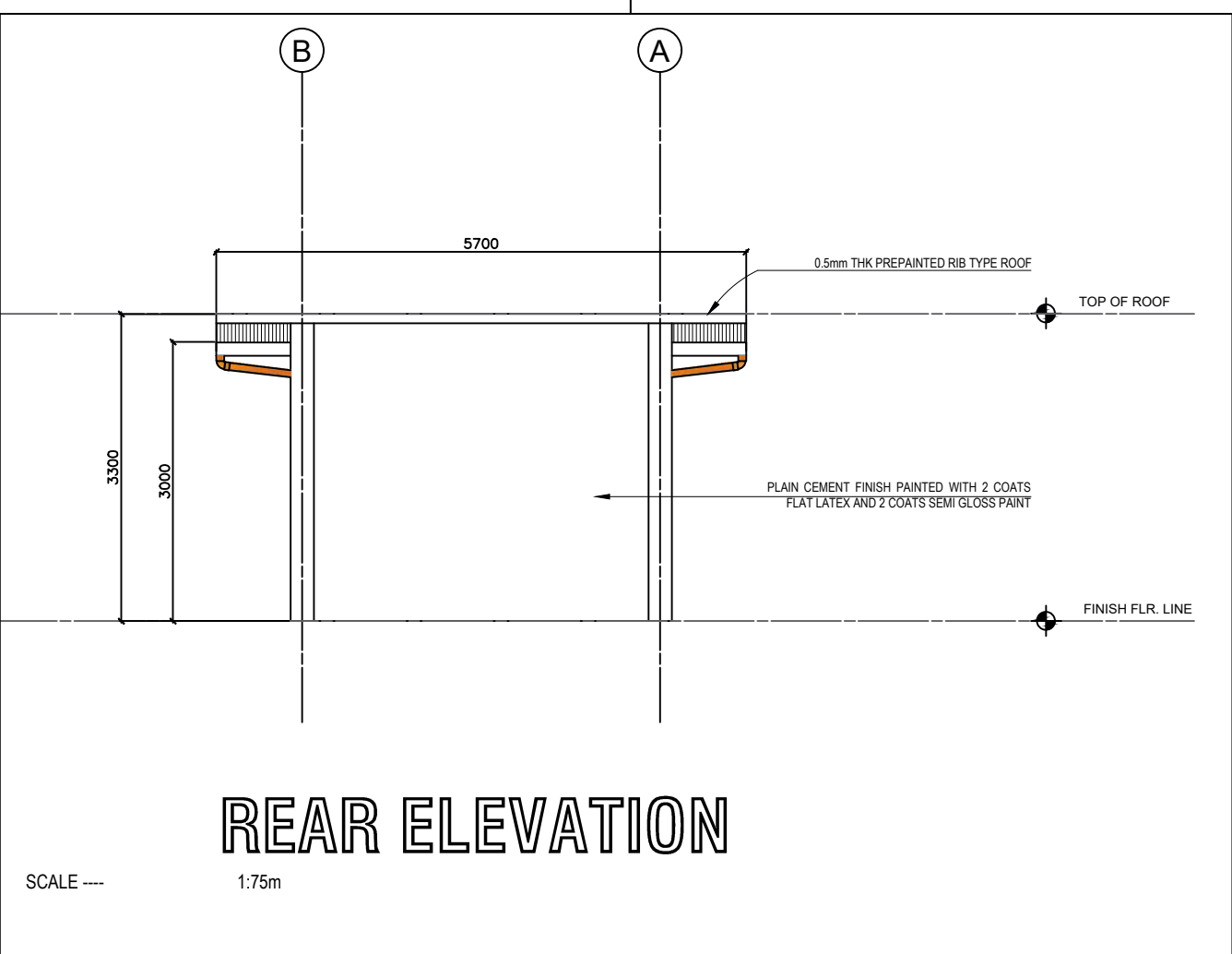
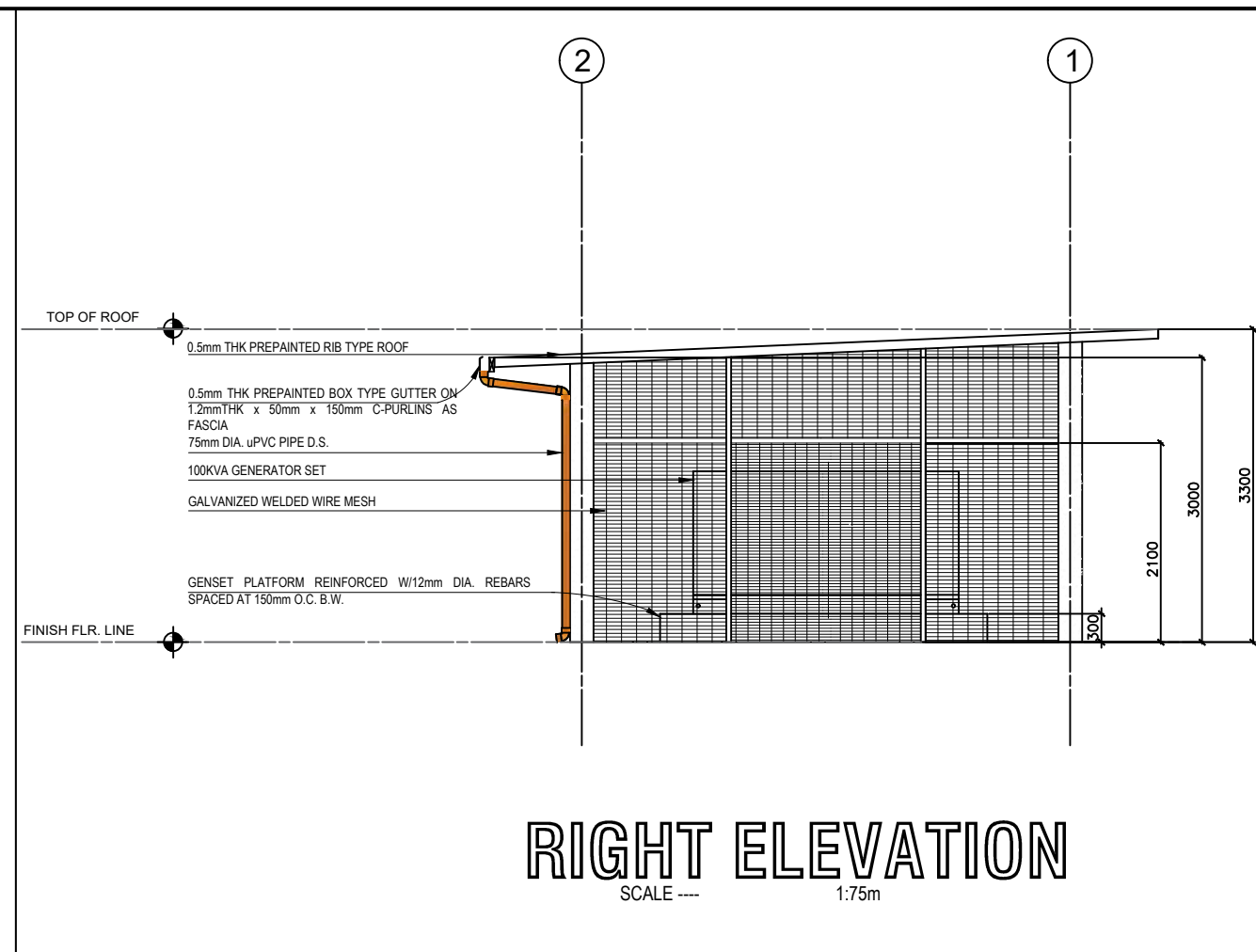
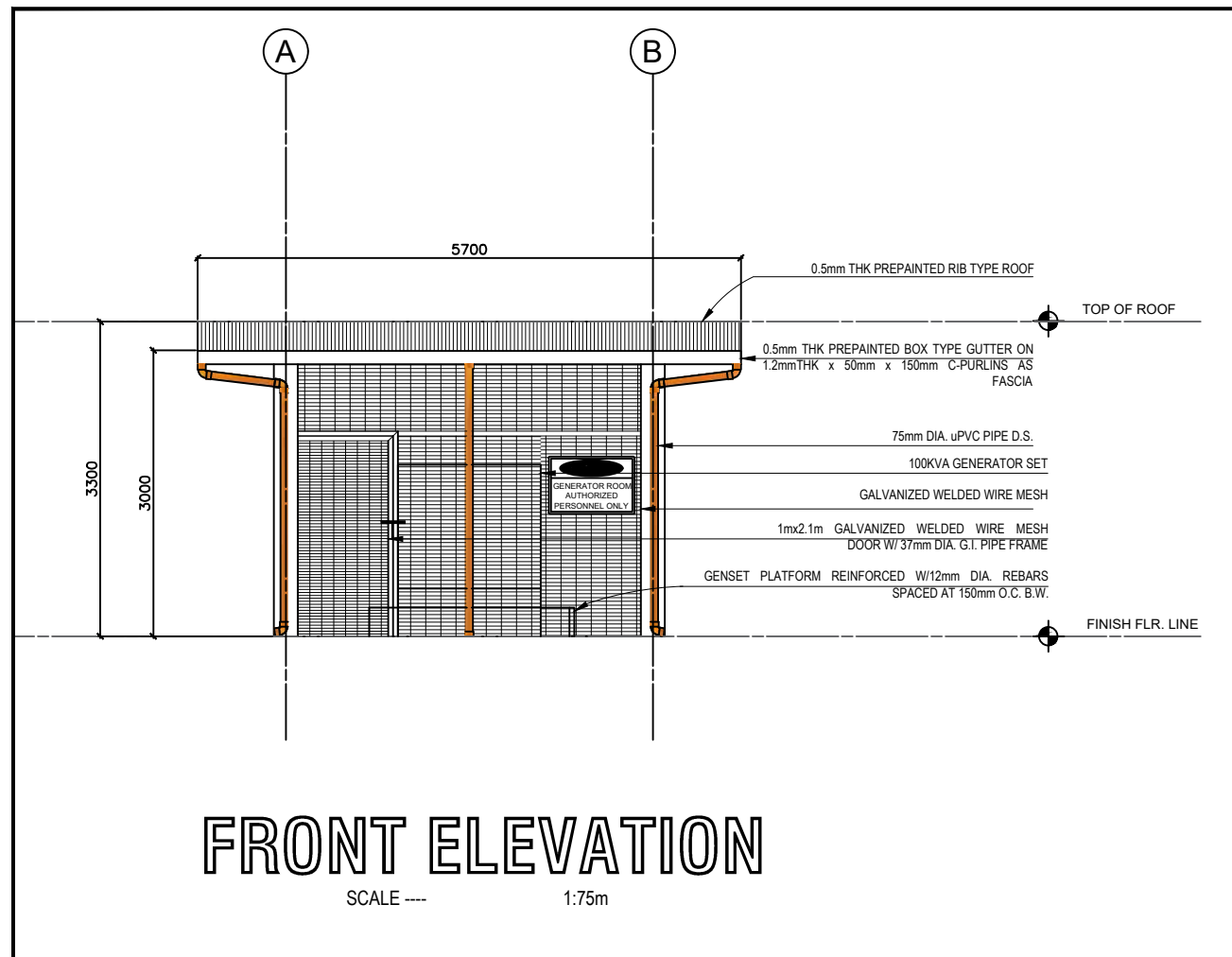
PROJECT/TA No:

DATE SUBMITTED: SEPTEMBER 12, 2022

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	2 / 2	A3 SIZE



PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**GENERATOR SET HOUSING DETAILS
AT RSCC**

**FOUNDATION & FRAMING PLAN
ROOF BEAM FRAMING PLAN
BEAM, FIG. -COL. SCHEDULE
GENSET PAD ISO**

APPROVED BY

LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
AO I, AD-BGMS

PREPARED/DESIGNED BY

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ENGINEER II - BGMS

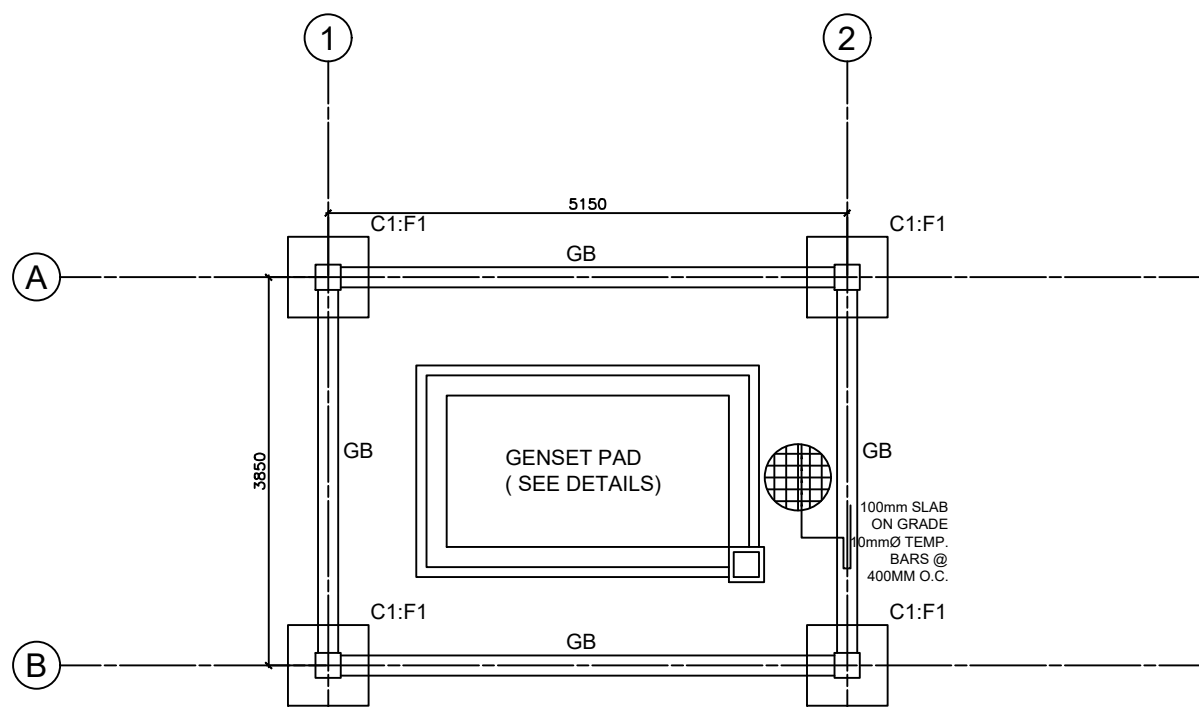
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

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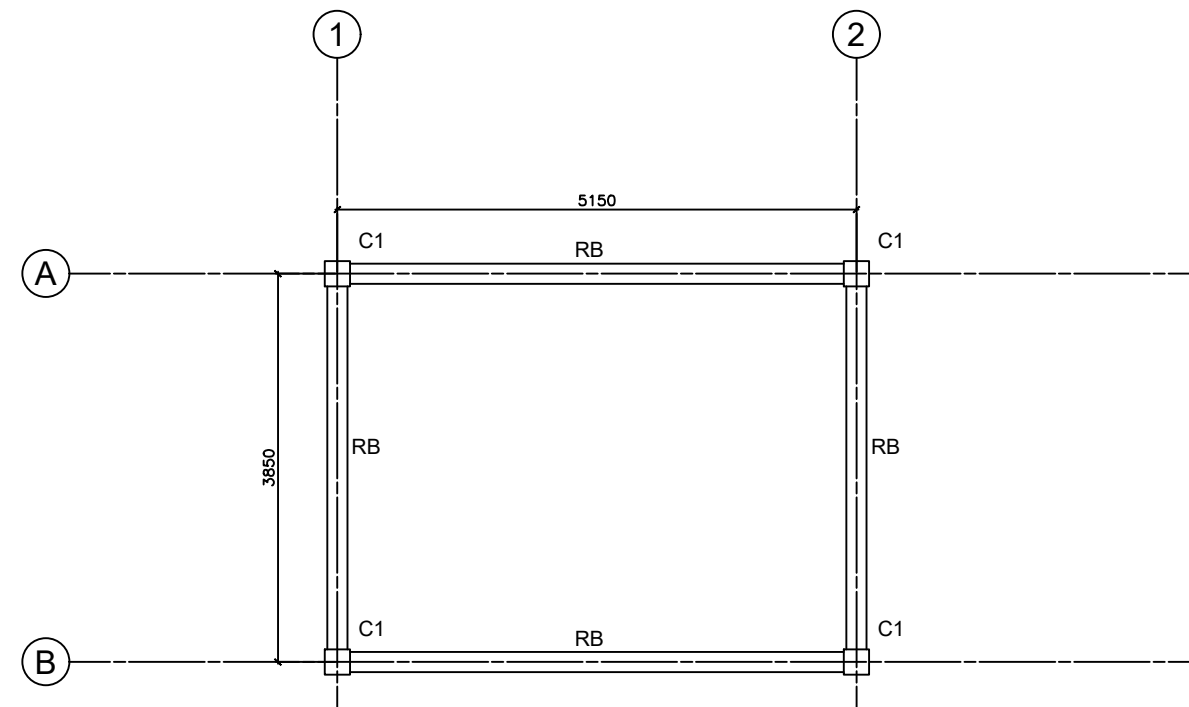
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
S	1 / 2	A3 SIZE



FOUNDATION & FRAMING PLAN

SCALE --- 1:75m

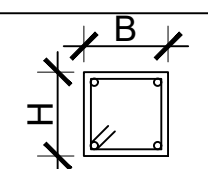


ROOF BEAM FRAMING PLAN

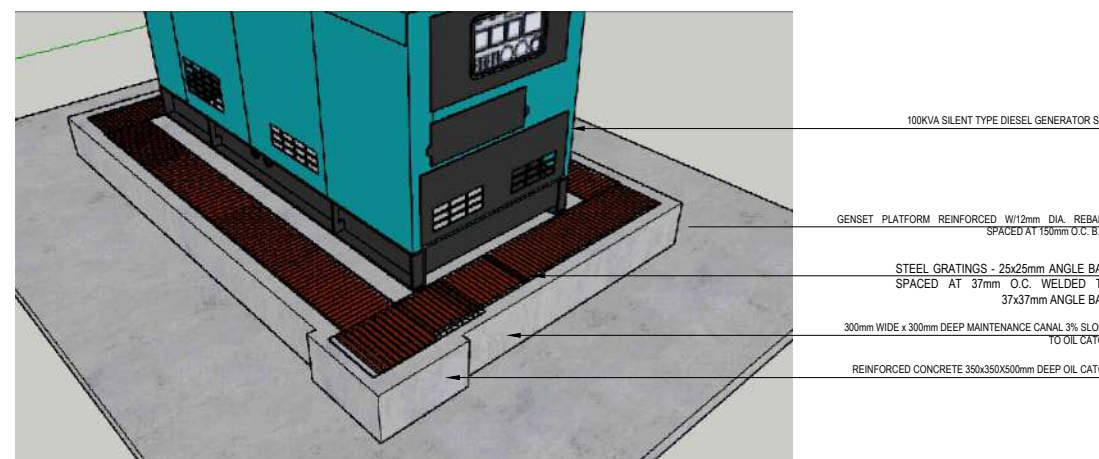
SCALE --- 1:75m

SCHEDULE OF BEAMS								
MARK	SIZE (MM) (b x d)	REINFORCEMENT						10ϕ STIRRUPS
		SUPPORT		MID-SPAN		CANTILEVER		
		TOP	BOT	TOP	BOT	TOP	BOT	
RB	200 X 300	SEE BEAM DETAILS						2 @ 50, 2 @ 100, REST @ 200
GB	200 X 300	SEE BEAM DETAILS						

SCHEDULE OF COLUMN FOOTINGS					
MARK	SIZE (MM) (L x W x T)	DEPTH (MM) (D)	REINFORCEMENT		
			TRANSVERSE	LONGITUDINAL	
F-1	800 X 800 X 300	1200 MIN.	6-16ϕ	6-16ϕ	

SCHEDULE OF COLUMNS					
LEVEL	MARK	SIZE (MM) (B x H)	REINFORCEMENT		SECTION
			VERT BARS	10ϕ TIES	
GROUND TO ROOF BEAM	C-1	250 X 250	4-16ϕ	Spaced at 2 @50; 2 @100 REST AT 200mm OC UP to Mid Height	

SCALE --- NTS



GENSET PAD DETAILS ISO

SCALE --- NTS

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
GENERATOR SET HOUSING DETAILS
AT RSCC

BEAM DETAILS
FTG.-COL. DETAILS
ROOF FRAMING
RAFTER DETAILS

APPROVED BY

LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
AO I, AD-BGMS

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
ENGINEER II - BGMS

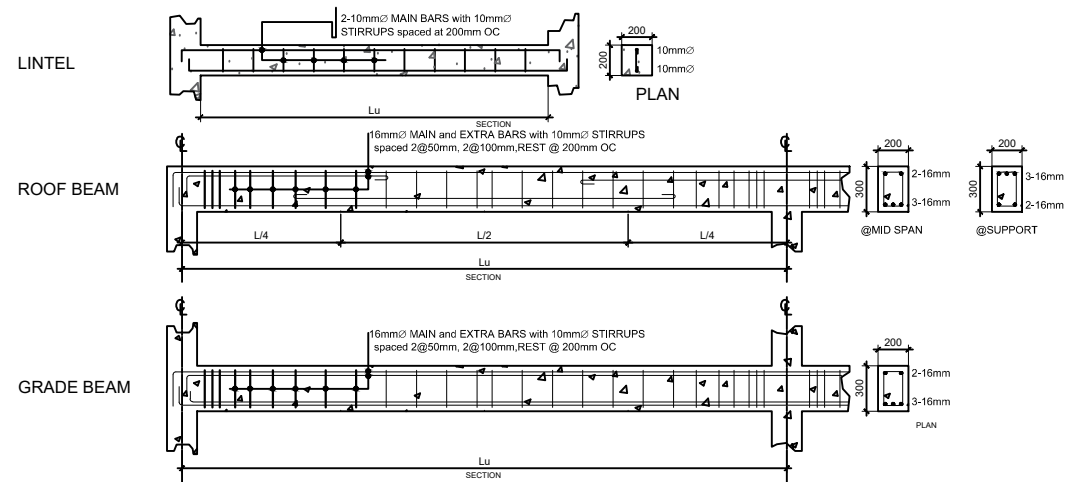
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

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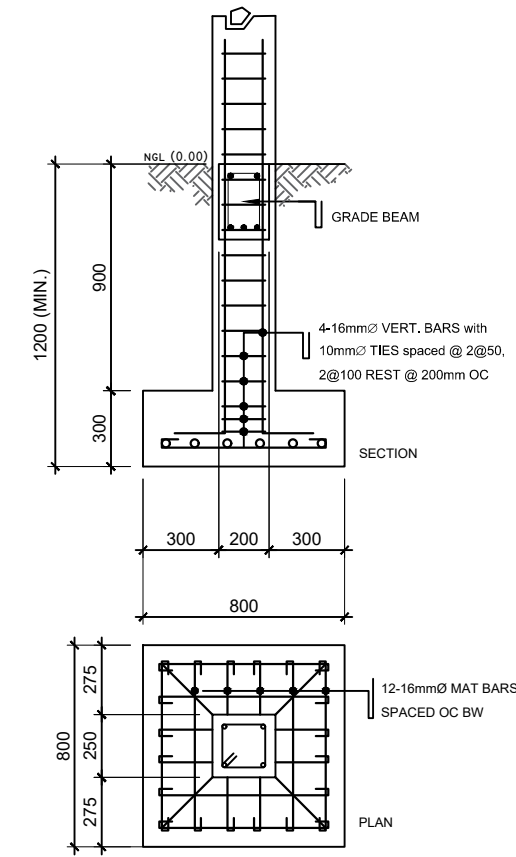
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S	2 / 2	A3 SIZE



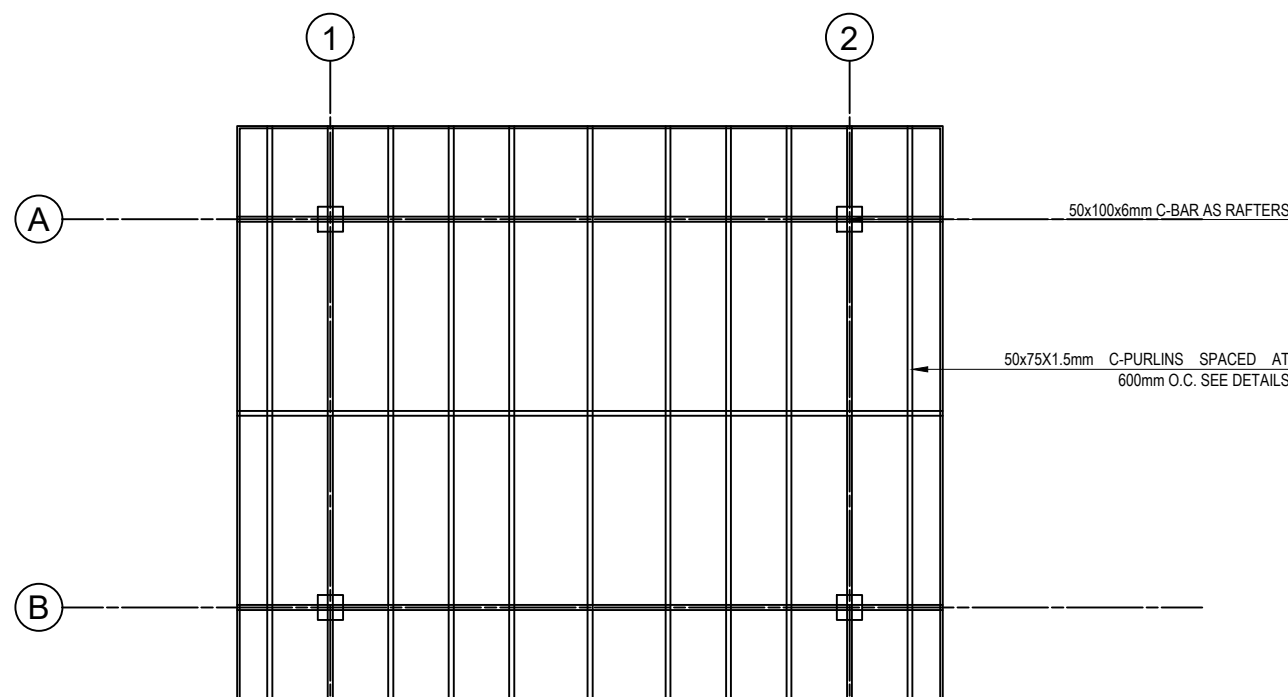
TYPICAL BEAM DETAILS

SCALE --- NTS



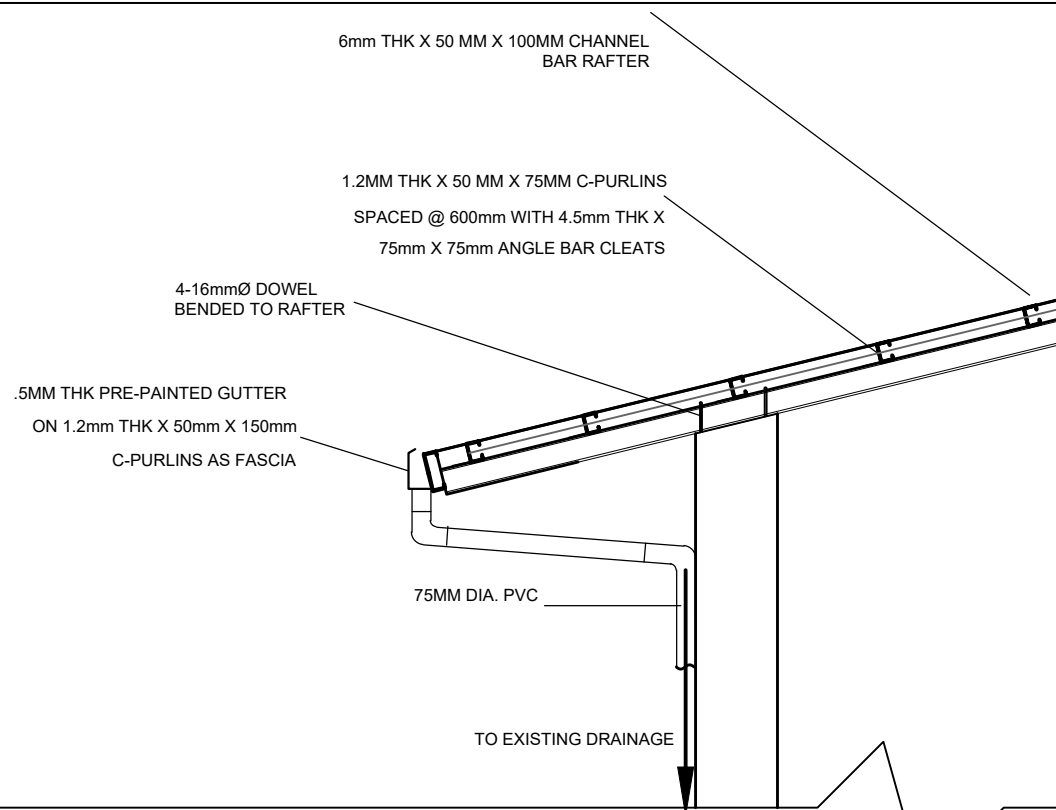
FTG. - COL. DETAILS

SCALE --- NTS



ROOF FRAMING PLAN

SCALE --- 1:75m



RAFTER DETAILS

SCALE --- NTS

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**GENERATOR SET HOUSING DETAILS
AT RSCC**
**FOUNDATION & FRAMING PLAN
ROOF BEAM FRAMING PLAN
BEAM, FIG. - COL. SCHEDULE
GENSET PAD ISO**

APPROVED BY
LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
AO I, AD-BGMS

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
ENGINEER II - BGMS

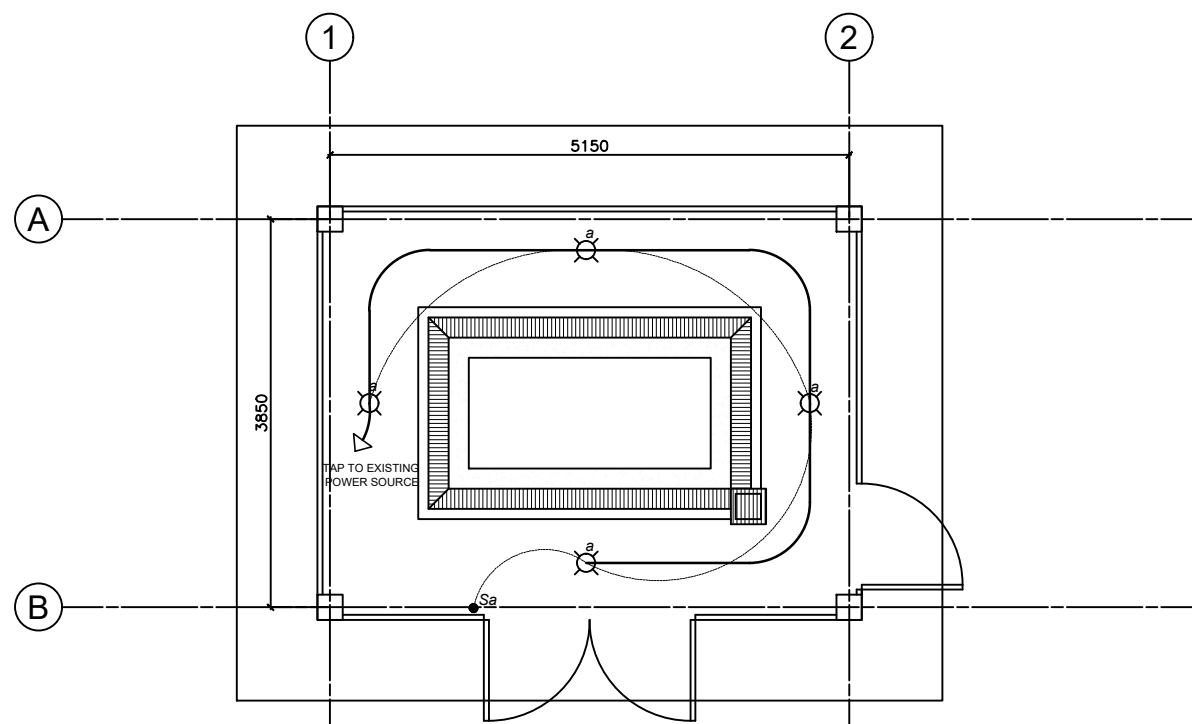
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

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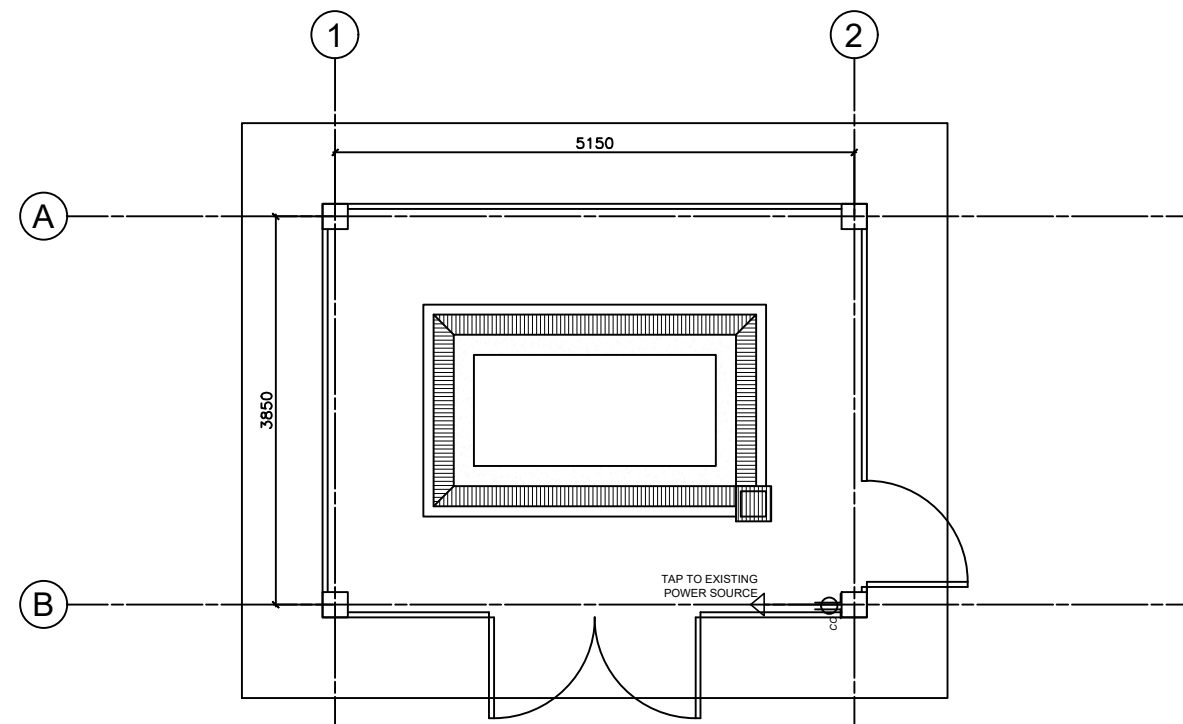
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	1 / 1	A3 S I Z E



LIGHTING LAYOUT

SCALE --- 1:75m



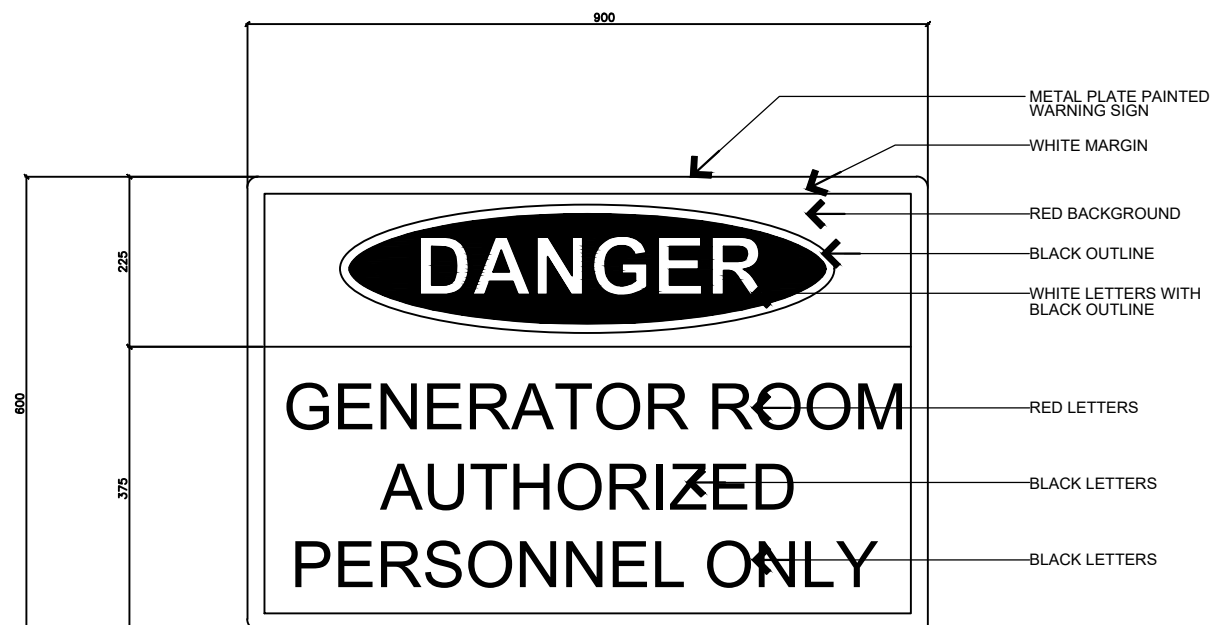
POWER LAYOUT

SCALE --- 1:75m

LEGEND:

	LED LIGHT BULB, 18W
	DOUBLE CONVENIENCE OUTLET

SCALE --- NTS



QUANTITY: 2 PCS
LOCATION: 2 PCS FOR GENERATOR ROOM

SIGNAGE DETAILS

PROJECT NAME :
COMPLETION OF THREE (3) STOREY DSWD-CAR RECEPTION AND STUDY CENTER FOR CHILDREN (RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY CENTER FOR CHILDREN, PUGUIS, LA TRINIDAD, BENGUET

SHEET CONTENT :
FIRE PUMP ROOM & CONCRETE TANK DETAILS

FLOOR PLAN
 ROOF PLAN
 FRONT ELEVATION
 LEFT ELEVATION

APPROVED BY

LEO L. QUINTILLA
 REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
 OIC- ASSISTANT REGIONAL DIRECTOR FOR OPERATIONS

CHECKED BY

RICHARD A. REAMICO
 Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
 Engineer II, BGMS

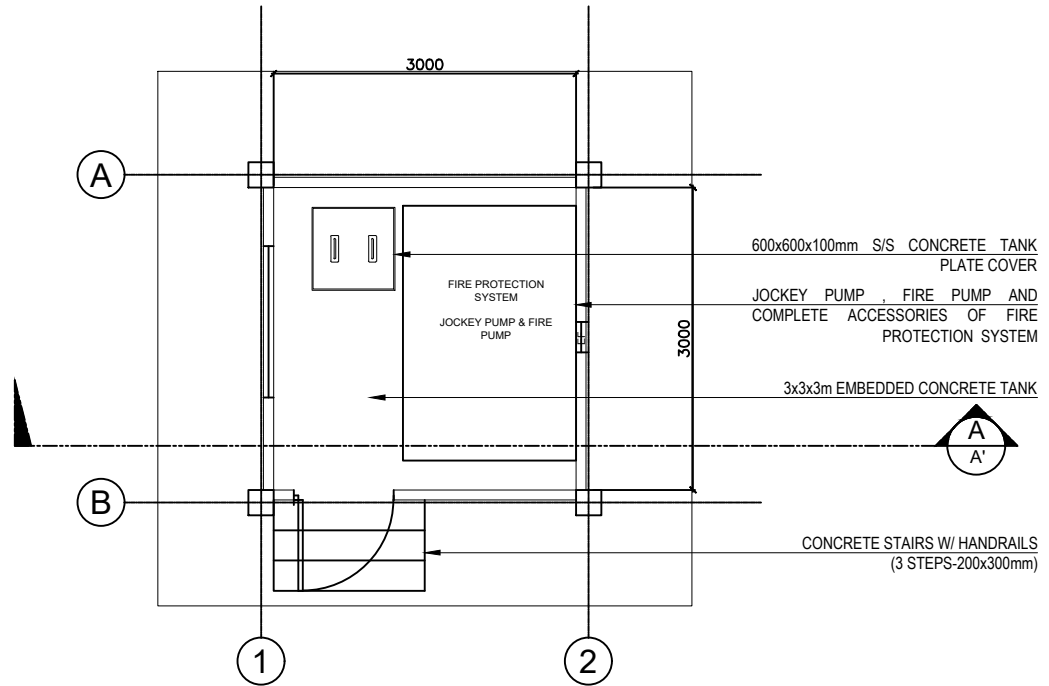
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

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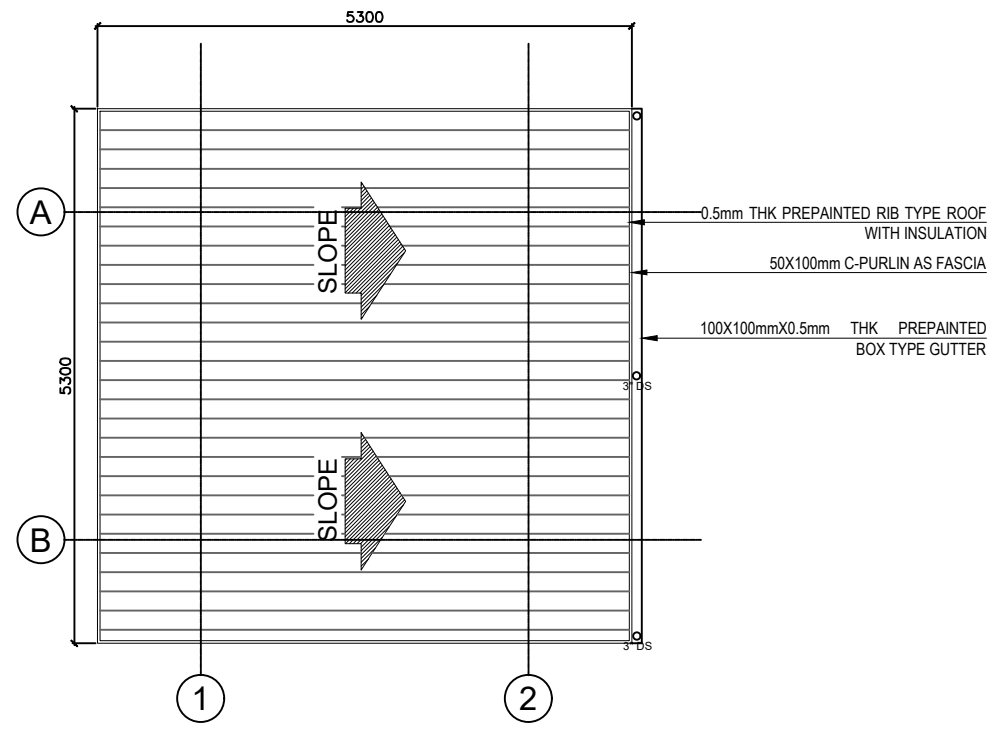
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	1 / 2	A3 SIZE



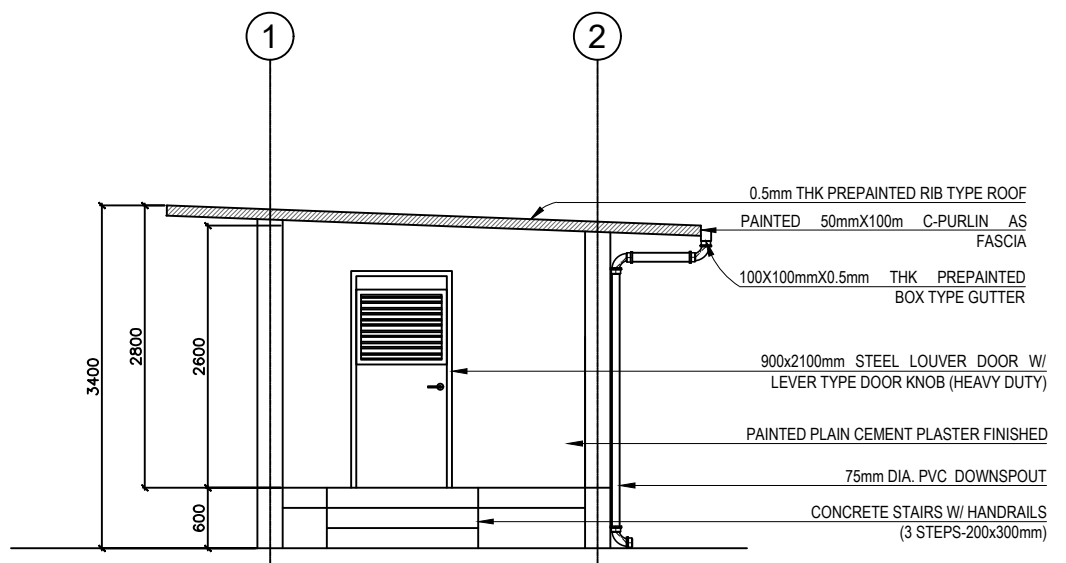
FLOOR PLAN

SCALE ---- NTS



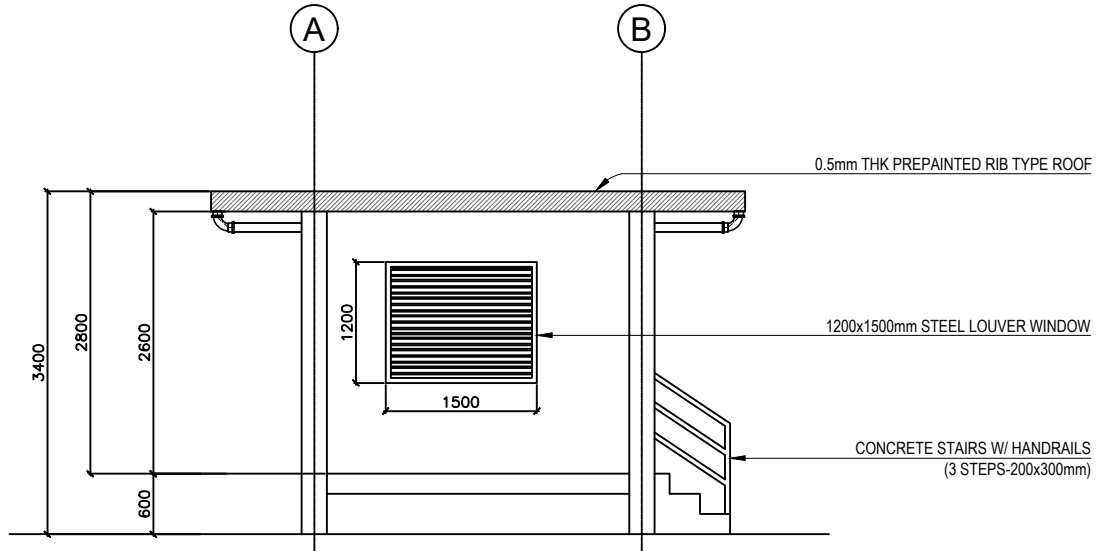
ROOF PLAN

SCALE ---- 1:75m



FRONT ELEVATION

SCALE ---- 1:75m



LEFT ELEVATION

SCALE ---- 1:75m



PROJECT NAME :
 COMPLETION OF THREE (3) STOREY
 DSWD-CAR RECEPTION AND
 STUDY CENTER FOR CHILDREN
 (RSCC) BUILDING

LOCATION :
 DSWD - RECEPTION AND STUDY
 CENTER FOR CHILDREN, PUGUIS, LA
 TRINIDAD, BENGUET

SHEET CONTENT :
**FIRE PUMP ROOM & CONCRETE
 TANK DETAILS**

 RIGHT ELEVATION
 REAR ELEVATION
 SECTION THRU A-A'

APPROVED BY

LEO L. QUINTILLA
 REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
 OIC - ASSISTANT REGIONAL DIRECTOR FOR
 OPERATIONS

CHECKED BY

RICHARD A. REAMICO
 Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
 Engineer II, BGMS

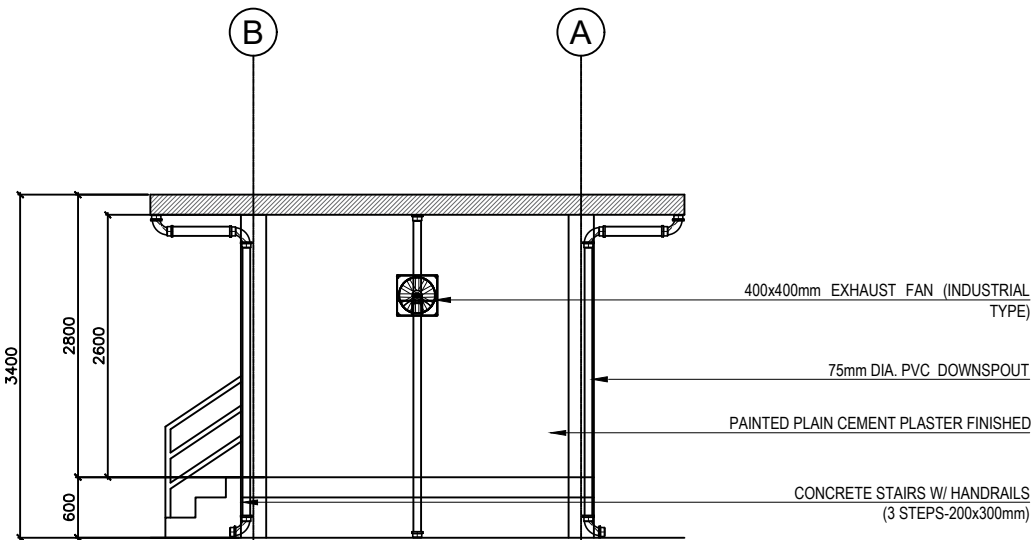
PROJECT/TA No:

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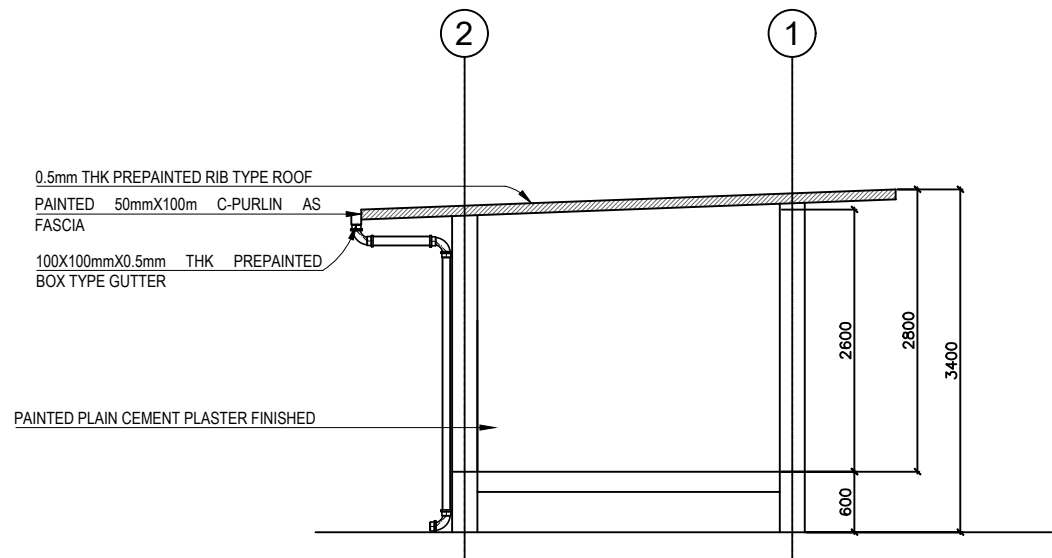
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PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
A	2 / 2	A3 SIZE



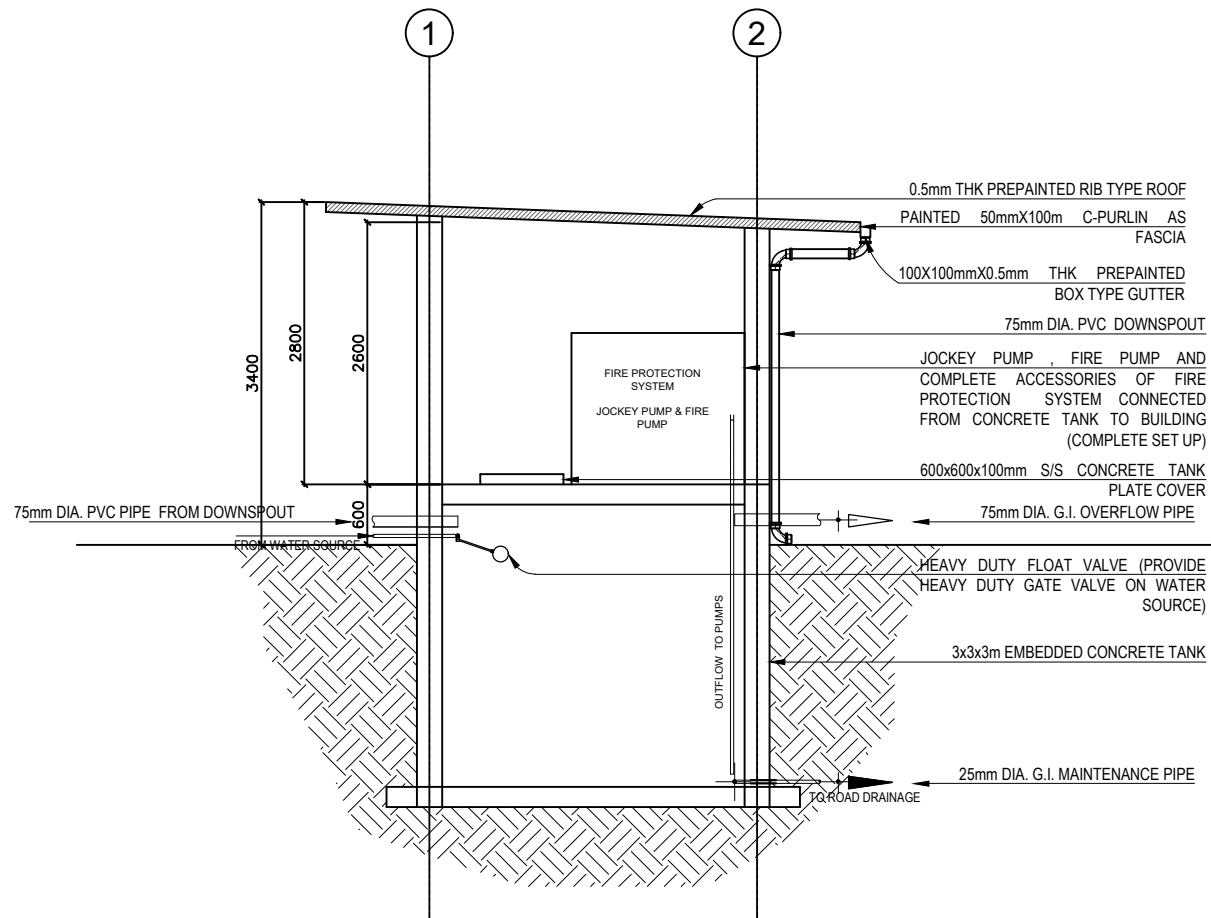
RIGHT ELEVATION

SCALE --- 1:75m



REAR ELEVATION

SCALE --- 1:75m



SECTION THRU A-A'

SCALE --- 1:75m



PROJECT NAME :

COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :

DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
FIRE PUMP ROOM & CONCRETE
TANK DETAILS

FOUNDATION PLAN
GROUND FLOOR FRAMING PLAN
ROOF BEAM FRAMING PLAN
ROOF FRAMING PLAN

APPROVED BY

LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

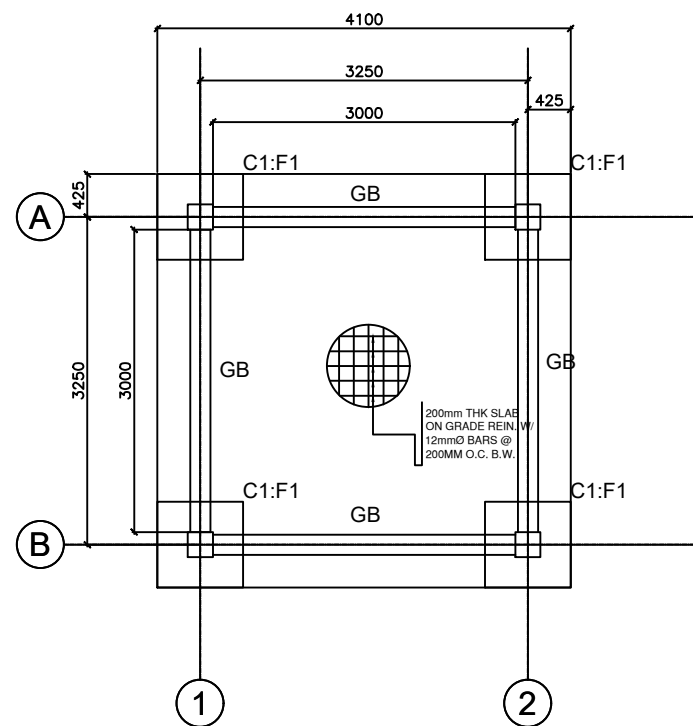
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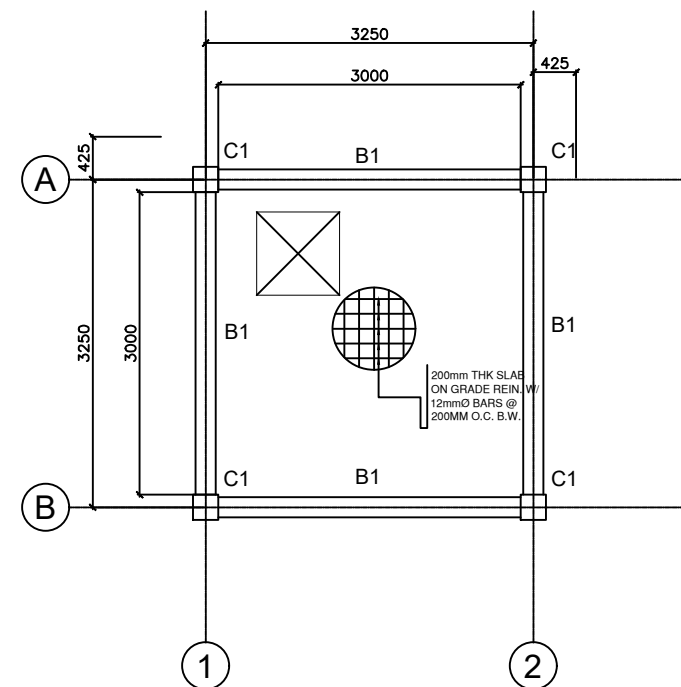
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PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
S	1 / 3	A3 SIZE



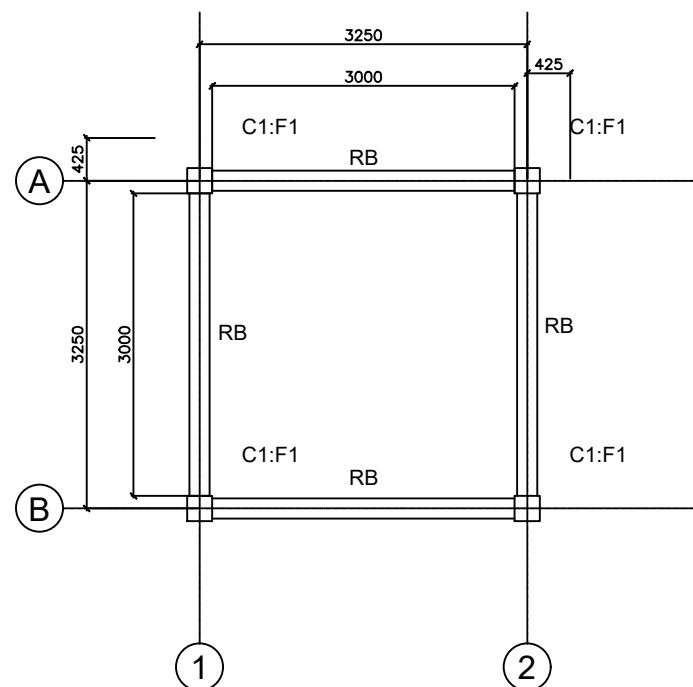
FOUNDATION PLAN

SCALE --- 1:75m



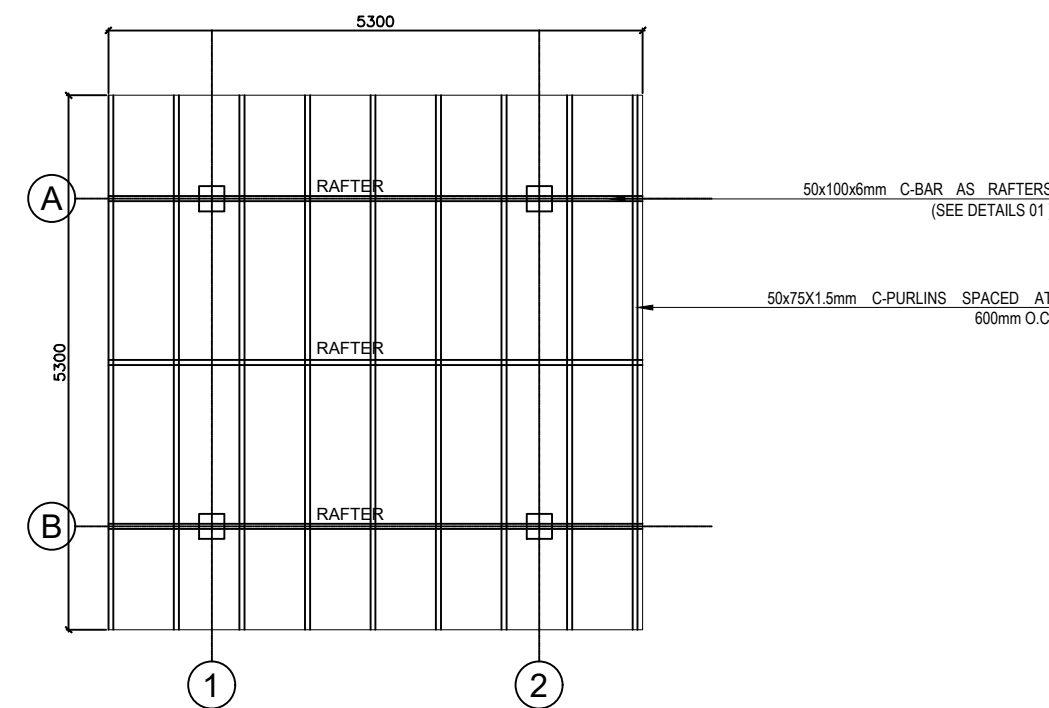
GROUND FLOOR FRAMING PLAN

SCALE --- 1:75m



ROOF BEAM FRAMING PLAN

SCALE --- NTS



ROOF FRAMING PLAN

SCALE --- NTS

PROJECT NAME :
COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING

LOCATION :
DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET

SHEET CONTENT :
FIRE PUMP ROOM & CONCRETE
TANK DETAILS
RAFTER DETAILS
SCH. OF BEAMS, COL. & FTGS.
SECTION THRU A-A'

APPROVED BY

ARNEO C. GONZALES
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

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Administrative Officer I, BGMS Head

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Engineer II, BGMS

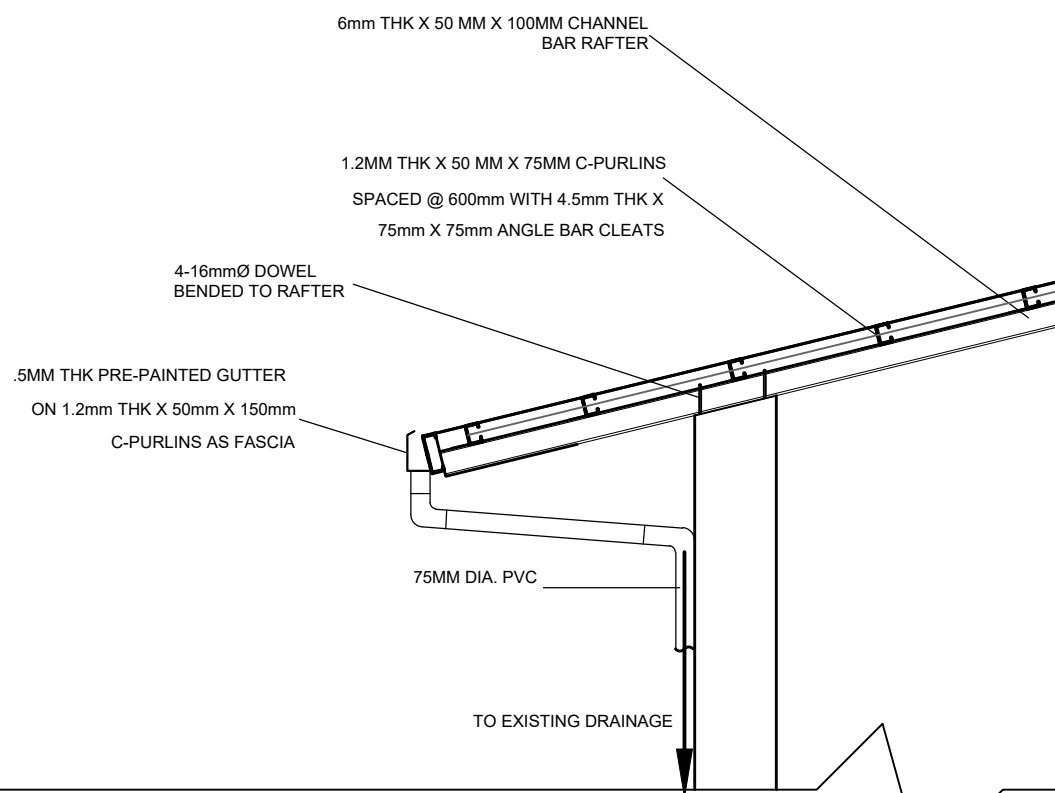
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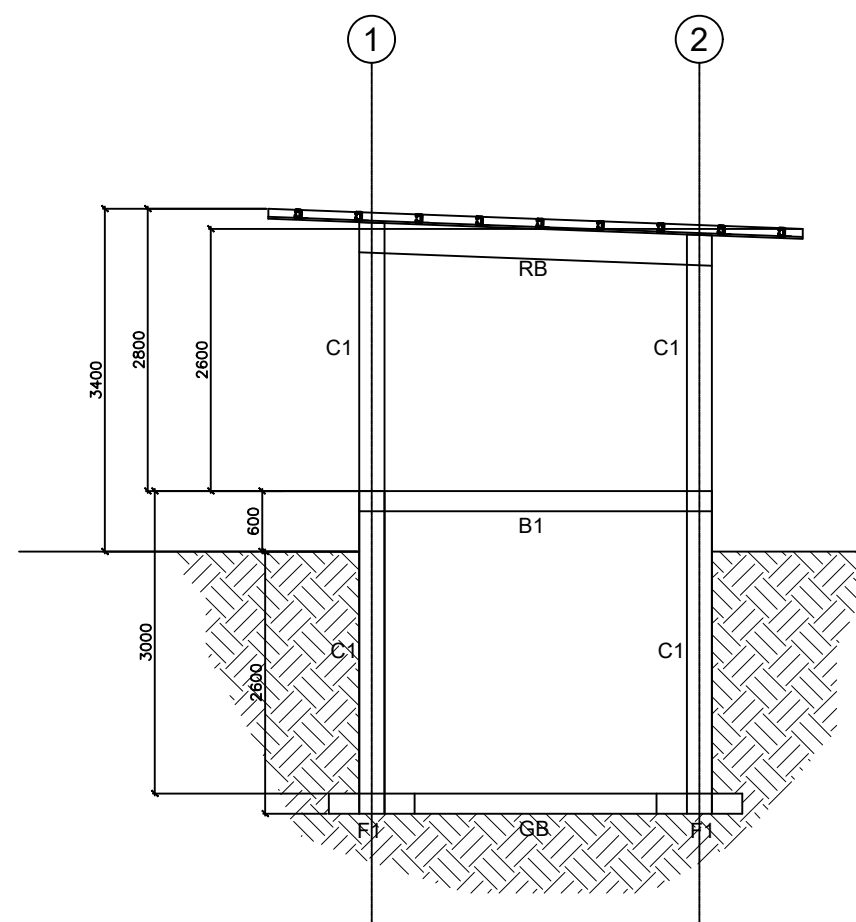
DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
S	2 / 3	A3 SIZE



RAFTER DETAILS
SCALE --- NTS



SECTION THRU A-A'
SCALE --- NTS

SCHEDULE OF BEAMS								
MARK	SIZE (MM) (b x d)	REINFORCEMENT						10Ø STIRRUPS
		SUPPORT		MID-SPAN		CANTILEVER		
		TOP	BOT	TOP	BOT	TOP	BOT	
RB	200 X 300	SEE BEAM DETAILS						2 @ 50, 2 @ 100, REST @ 200
GB	200 X 300	SEE BEAM DETAILS						
GB	200 X 300	SEE BEAM DETAILS						

SCHEDULE OF COLUMN FOOTINGS					
MARK	SIZE (MM) (L x W x T)	DEPTH (MM) (D)	REINFORCEMENT		SECTION
			TRANSVERSE	LONGITUDINAL	
F-1	800 X 800 X 300	3000 MIN.	12-16Ø	12-16Ø	

SCHEDULE OF COLUMNS					
LEVEL	MARK	SIZE (MM) (B x H)	REINFORCEMENT		SECTION
			VERT BARS	10Ø TIES	
FOUNDATION TO ROOF BEAM	C-1	250 X 250	6-16Ø	Spaced at 2 @ 50; 2 @ 100 REST AT 200mm OC UP to Mid Height	

SCALE --- 1:75m

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**FIRE PUMP ROOM & CONCRETE
TANK DETAILS**
TYPICAL BEAM DETAILS
FTG.-COL. DETAILS
TANK SECTION DETAILS

APPROVED BY

LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

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Engineer II, BGMS

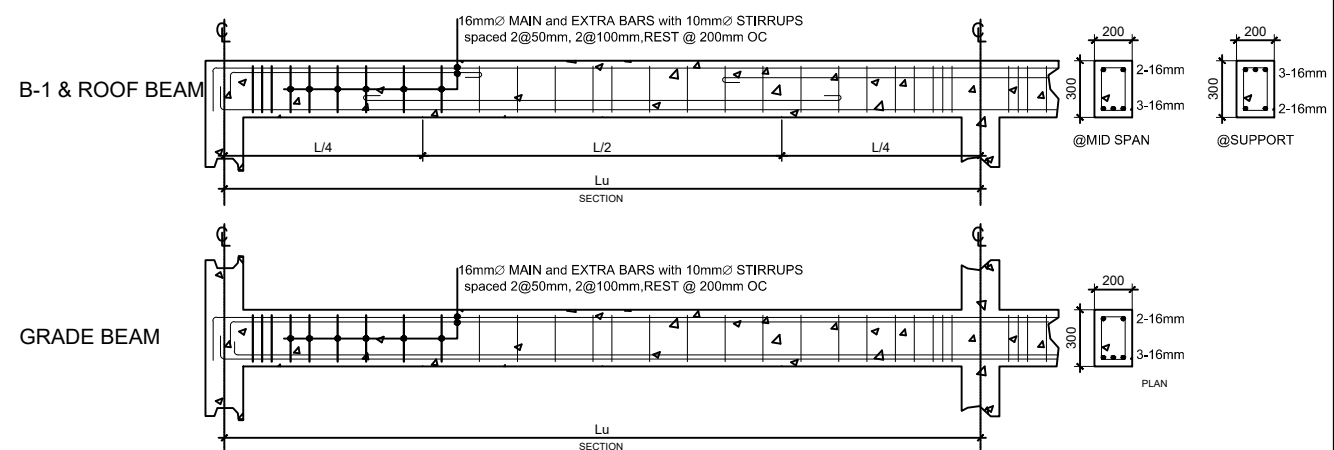
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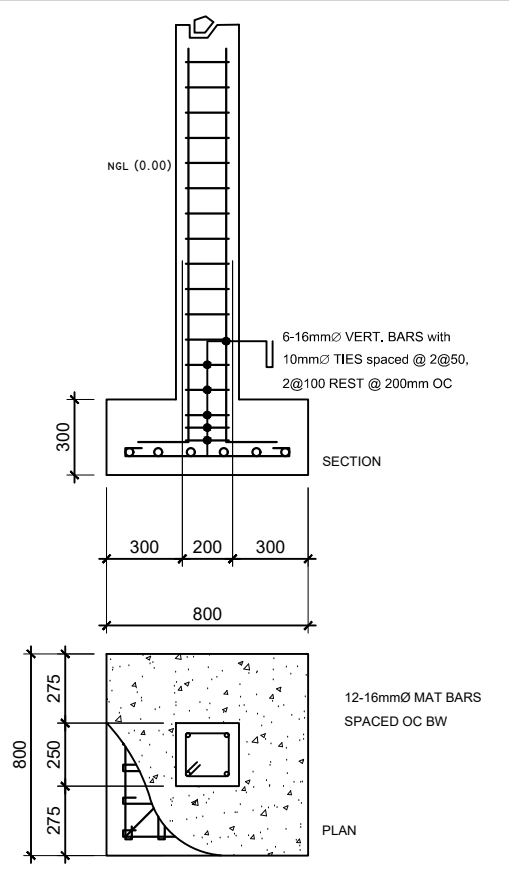
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PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
S	3 / 3	A3 SIZE



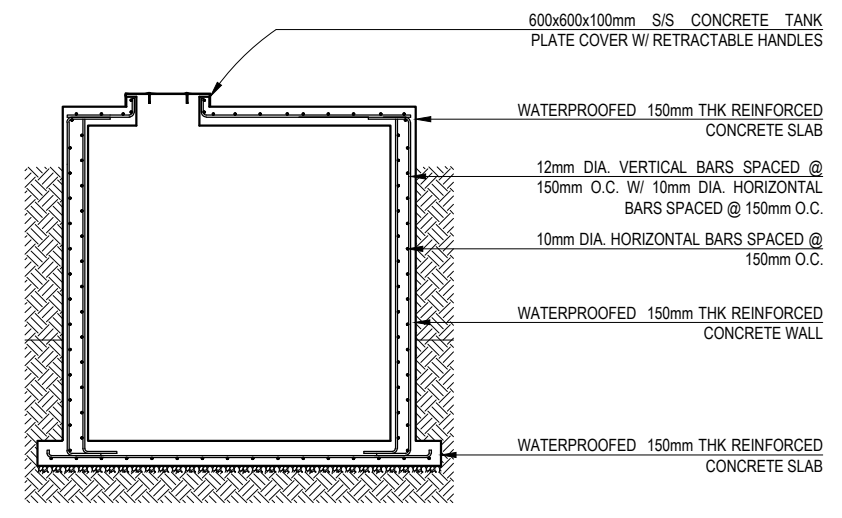
TYPICAL BEAM DETAILS

SCALE --- 1:75m



FTG. - COL. DETAILS

SCALE --- 1:75m



TANK SECTION DETAILS

SCALE --- 1:75

PROJECT NAME :
**COMPLETION OF THREE (3) STOREY
DSWD-CAR RECEPTION AND
STUDY CENTER FOR CHILDREN
(RSCC) BUILDING**

LOCATION :
**DSWD - RECEPTION AND STUDY
CENTER FOR CHILDREN, PUGUIS, LA
TRINIDAD, BENGUET**

SHEET CONTENT :
**FIRE PUMP ROOM &
CONCRETE TANK DETAILS**

**LIGHTING LAYOUT
POWER LAYOUT
LEGEND**

APPROVED BY

LEO L. QUINTILLA
REGIONAL DIRECTOR

CONFORMED BY

AMELYN P. CABRERA
OIC- ASSISTANT REGIONAL DIRECTOR FOR
OPERATIONS

CHECKED BY

RICHARD A. REAMICO
Administrative Officer I, BGMS Head

PREPARED/DESIGNED BY

BERNARD L. ANGAYON
Engineer II, BGMS

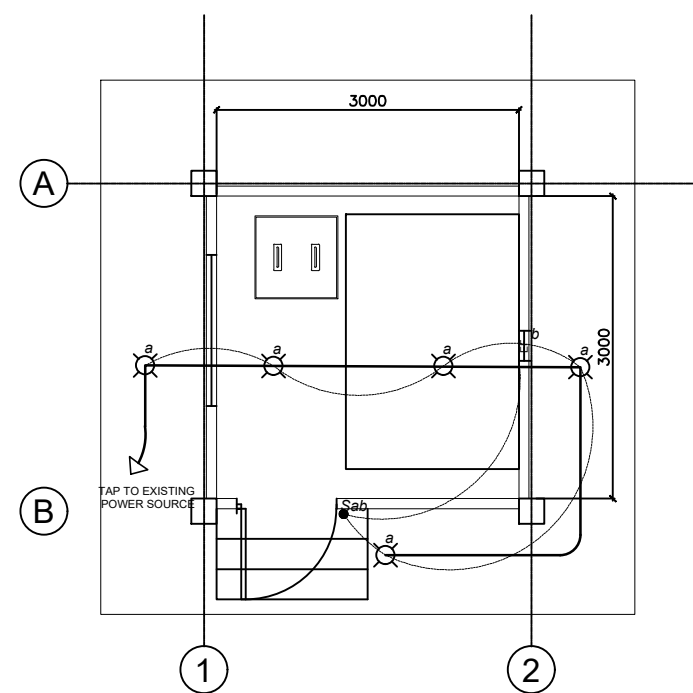
PROJECT/TA No:

DATE SUBMITTED: **SEPTEMBER 12, 2022**

DRAWING STATUS

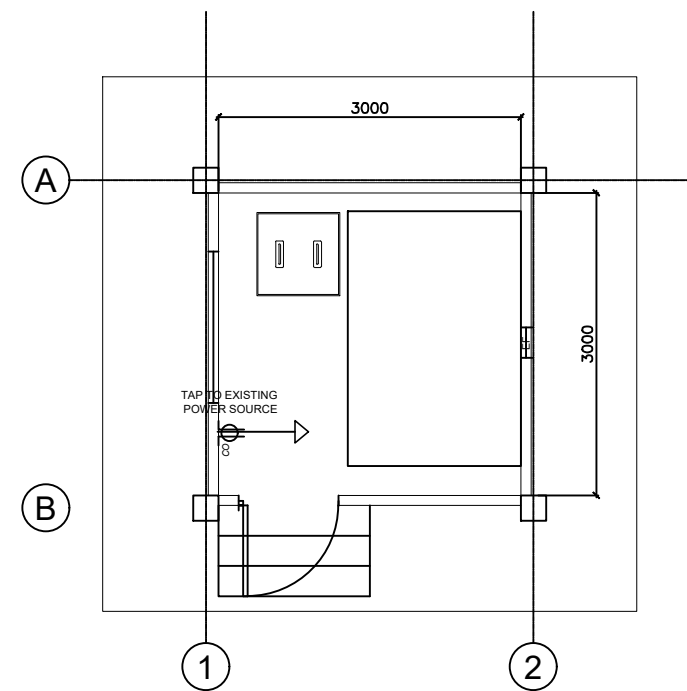
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
E	1 / 1	A3 SIZE



LIGHTING LAYOUT

SCALE --- 1:75m



POWER LAYOUT

SCALE --- 1:75m

LEGEND:

	LED LIGHT BULB, 18W
	DOUBLE CONVENIENCE OUTLET
	400x400mm EXHAUST FAN (INDUSTRIAL TYPE)

SCALE --- NTS

REPUBLIC OF THE PHILIPPINES
CORDILLERA ADMINISTRATIVE REGION

Contract Reference Number: _____

Name of Project: **Completion of Three (3) Storey DSWD-CAR RSCC Building**

Location of the Project: **RSCC, Puguis, La Trinidad Benguet**

Standard Form Number SF-INFR-55

Revised on: August 11, 2004

BILL OF QUANTITIES

Columns 1, 2, 3, & 4 are to be filled up by the Procuring Entity				Columns 5 & 6 are to be filled by the bidders	
ITEM NO.	ITEM DESCRIPTION 2	UNIT 3	QTY. 4	UNIT PRICE (PESOS) 5	AMOUNT (PESOS) 6
1	GENERAL REQUIREMENTS				
1.1	Permits and Clearances	1.00	lot		
1.2	Project Billboard / Signboard	2.00	pcs		
1.3	Mobilization / Demobilization	1.00	lot		
1.4	Temporary Board Up	1.00	lot		
2	SCAFFOLDINGS				
2.1	Installation and Removal	1.00	lot		
3	ARCHITECTURAL WORKS				
3.1	CARPENTRY & JOINERY	1.00	lot		
	Ground Floor				
	Second Floor				
	Third Floor				
	Roof Deck				
3.2	FLOOR FINISHES	1.00	lot		
	Ground Floor				
	Second Floor				
	Third Floor				
	Roof Deck				
3.3	WALL FINISHES	1.00	lot		
3.4	CEILING FINISHES	1.00	lot		
	Ground Floor				
	Second Floor				
	Third Floor				
3.5	PAINTING WORKS	1.00	lot		
3.6	STEEL WORKS	1.00	lot		
3.7	MASONRY WORKS	1.00	lot		
3.8	DOORS AND WINDOWS	1.00	lot		
	Doors				
	Windows				
3.9	EXTERIOR FINISHES	1.00	lot		
3.10	ROOFING WORKS	1.00	lot		

Columns 1, 2, 3, & 4 are to be filled up by the Procuring Entity				Columns 5 & 6 are to be filled by the bidders	
ITEM NO.	ITEM DESCRIPTION 2	UNIT 3	QTY. 4	UNIT PRICE (PESOS) 5	AMOUNT (PESOS) 6
3.11	SPECIALIZED ITEMS				
	Fabrication, Supply and Installation of 2 sets DSWD Logo signages	1.00	lot		
	2 Sets Flag poles (Includes Reinforced Concrete Pedestal, Steel Pole, Pulley, Halyard, Cleat, Philippine Flag, complete accessories)	1.00	lot		
4	MECHANICAL WORKS				
	Design, Supply, Delivery, Installation and Commissioning of Fire Detection Alarm System and Fire Protection System including Inspection, Testing & Maintenance/ Preventive Maintenance for 1 year				
	Fire Detection Alarm System and Fire Protection System/ Fire Hose Reel System				
4.1	Fire Detection And Alarm System (FDAS)	1.00	lot		
4.2	Fire Protection System/Fire Hose Reel System	1.00	lot		
4.3	Testing & Maintenance/ Preventive Maintenance for 1 year	1.00	lot		
4.4	Design, Supply, Delivery, Installation of Stainless steel overhead water tank	1.00	lot		
4.5	Elevator System	1.00	lot		
5	ELECTRICAL				
5.1	Wires and Cables	1.00	lot		
5.2	Conduits	1.00	lot		
5.3	Lighting Fixtures and Switches	1.00	lot		
5.4	Device, Plates, and Utility	1.00	lot		
5.5	Panel Boards	1.00	lot		
5.6	Generator Set (Backup power system), 175 KVA, 3 Phase, 230 Volts, 60 Hz - Diesel operated with ATS and Accessories and Complete Electrical Connections	1.00	lot		
5.7	Auxilliary System	1.00	lot		
	Design, Supply, Delivery, Installation and Commissioning of Telephone System				
5.8	Network Cabling System	1.00	lot		
	Supply, Delivery, Installation and Commissioning of Data System Includes internet connections, LAN connection to computers, Wi-Fi connections, Routers, and complete accessories.				
5.9	CCTV System	1.00	lot		
5.10	Public Address System	1.00	lot		
5.11	Three Phase Power Connection	1.00	lot		
5.12	Others	1.00	lot		
	Rectifications of existing Electrical Works including replacement of damaged electrical wirings and materials Rectifications of existing Electrical Works including replacement of damaged electrical wirings and materials, supply and installation of exhaust fans w/ ducting				
6	SANITARY/PLUMBING WORKS				

Columns 1, 2, 3, & 4 are to be filled up by the Procuring Entity				Columns 5 & 6 are to be filled by the bidders	
ITEM NO.	ITEM DESCRIPTION 2	UNIT 3	QTY. 4	UNIT PRICE (PESOS) 5	AMOUNT (PESOS) 6
6.1	Cold Water lines	1.00	lot		
6.2	Sewer, Waste and Vent Pipes	1.00	lot		
6.3	Fixtures	1.00	lot		
7	CHILDREN'S PLAYGROUND				
7.1	Playground Equipment	1.00	lot		
7.2	Sand Bedding	1.00	lot		
8	PUMP ROOM & CONCRETE TANK				
8.1	Civil Works	1.00	lot		
8.2	Architectural Works	1.00	lot		
8.3	Plumbing Works	1.00	lot		
8.4	Electrical Works	1.00	lot		
9	GENERATOR SET ROOM				
9.1	Civil Works	1.00	lot		
9.2	Steel Works	1.00	lot		
9.3	Tinsmithry	1.00	lot		
9.4	Architectural Works	1.00	lot		
10	CONSTRUCTION SAFETY & HEALTH	1.00	lot		
TOTAL BID PRICE:					
TOTAL AMT. IN WORDS: (in words)					

GENERAL SPECIFICATIONS

“COMPLETION OF THREE (3) STOREY RSCC BUILDING”

PROJECT TITLE

PUGUIS, LA TRINIDAD, BENGUET

PROJECT LOCATION

Written and Prepared by:

ARCH. JIMMY M. MAYORES, UAP
ARCHITECT 1, AD/BGMS
PRC REG. NO.: **0049778**



GENERAL SPECIFICATIONS

DIVISION 1 - "GENERAL PARAGRAPHS"

06 DECEMBER 2022

JMM/ REV. 02

Revision	Date	Description



DIVISION 1 - GENERAL PARAGRAPHS

PART 1. GENERAL

1.1. DESCRIPTION

1.1.1. The work specified herein is the **COMPLETION OF THREE (3) STOREY RSCC BUILDING, Puguis, La Trinidad, Benguet.**

1.2. PROJECT INFORMATION

1.2.1. The work shall confirm the following contract drawings, details and maps, all of which form part of these specifications.

1.2.2. Omissions from the drawings or specifications or the misdescription of details of work which are manifestly necessary to carry out the intent of the drawings and specifications, or which are customary performed, shall not relieve the Contractor from performing as if fully and correctly set forth and described in the drawings and specifications.

1.2.3. The Contractor shall check all drawings and furnish it immediately upon receipt and shall promptly notify the Project Engineer/Architect of any discrepancies. Figures marked on drawings shall be followed in preference to scale measurements. Large scale drawings shall govern small scale drawings. The contractor shall compare all drawings and verify the figures before laying out the work and will be responsible for any errors which might have been avoided thereby.

1.2.4. All drawings issued for construction to General Contractor/s, Sub-contractor shall be furnished solely by the architect.

1.2.5. Physical Data: The physical conditions indicated on the drawings and in the specifications are the results of site investigations by survey and soil investigations conducted. However, it is expressly understood that the Architect/Designer will not be responsible for any interpretations or conclusions drawn therefrom.

1.3. EXISTING WORK

1.3.1. The disassembling, disconnecting, cutting, removal, or altering of existing work in any way shall be carried on in such a manner as to prevent damage on all portions of existing work, whether they are to remain in place, reused in the new work, or salvaged and stored.

1.3.2. All portions of existing work which have been cut, damaged or altered in any way during construction operations shall be repaired or replaced with a kind which matches the existing or adjoining work. All work of this nature shall, at the completion of all operations, be left in a condition which is as good as what existed before the new work started.

PART 2 SUBMITTALS

2.1. PROPOSED MATERIAL SUBMITTALS, CATALOGUE DATA AND SAMPLES

2.1.1. Proposed material submittals required of the Contractor shall be submitted within 30 calendar days after Notice to Proceed to allow sufficient time for processing, review, approval and procurement before the Contractor is ready to use the material. **No material shall be used prior to written approval.**



2.1.2. The Contractor shall furnish the name and address of the manufacturer of each item of material and equipment. Each submittal shall be accompanied by a cover letter signed by the Contractor.

2.1.3. The Contractor shall furnish three (3) copies for approval, giving full information, such as identifying description, catalogue numbers, catalogue cuts, and data sheets as may be required for all material and equipment designated in the technical sections of this specification. Clearly mark each item proposed to be the item number of the contract and identify in the submittals, with cross references to the item number of the Contract drawings and specifications so as to clearly identify the use for which it is intended. Data submitted in a bound volume in the same numerical sequence as specification section paragraphs.

2.1.4. The Contractor shall certify on all submittals that the material being proposed conforms to the contract requirements. In the event of any variance, the Contractor shall state specifically which portions vary, and request approval of a substitute. Incomplete submittals and submittals with inadequate data will be rejected.

2.2. SHOP DRAWINGS

2.2.1. Before starting the fabrication or installation of any of this work, the Contractor shall submit drawings as may be required and designated in the technical sections of this specification.

2.2.2. In addition to the drawings designated in the technical sections, the Contractor shall submit drawings as may be required and designated in the technical sections of this specification.

2.2.3. The Contractor shall prepare at his own expense and submit with such promptness as to cause no delay in his work or in that of any other Contractor doing work on the same building, three (3) blueprint copies in 30" x 20" or A1 size of all shop drawings, as well as schedules, required corrections, including all necessary corrections to artistic effect. The Contractor shall make any corrections required by the Architect, file with him two (2) corrected copies and furnish such other copies as may be needed.

2.2.4. Shop drawings are to be submitted within 30 calendar days after the issuance of Notice to Proceed.

2.3. The Contractor shall not be relieved of responsibility for any deviation from the requirement of the Contract Documents by the Architect's approval of Shop Drawings, Product Data or samples unless the Contractor has specifically informed the Architect in writing such deviation at the time of submission and the Architect has given written approval to the specific deviation.

2.4. The Contractor shall not be relieved from the responsibility for errors or omissions in the Shop Drawings, Product Data or samples by the Architect's approval thereof.

2.5. No portion of work requiring submission of Shop Drawings, Product Data or sample shall be commenced until the submittal has been approved by the Architect. All such portions of the work shall be in accordance with approved submittals.

2.6. Manufacturer's Certificates of Conformance: Before delivery, manufacturer's certifications shall be furnished by the Contractor as required by the technical specifications. The original of all manufacturers' certification shall name the appropriate item of equipment or material, specification, standard, or other documents specified as controlling the quality of that item and shall have attached thereto certified copies of test data upon which the certifications are based.

2.7. Laboratory Reports: An independent testing agency will be selected to conduct specified test, inspection services and prepare laboratory reports. Reports shall cite the contract requirements, the test or analysis procedures used, the actual test results, and state that the item tested or analyzed conforms



to fails to conform to the specification requirement. All test reports shall be signed by a representative of the testing laboratory authorized to sign certified test reports. In case test results fail to meet specified requirements, additional tests shall be conducted until such requirement is achieved. Cost incurred by retesting shall be borne by the Contractor.

2.8. MOCK-UP:

2.8.1. *GENERAL*: As soon as practicable, provide a complete installation of mock-up test panels as required by the Contract Documents, Modifications deemed necessary shall be made in mock-up for evaluation, and re-tested until specified results are obtained.

2.8.2. Tests shall be conducted at Contractor's expense; Modifications for the mock-up as required from the result shall be obtained.

2.8.3. Coordinate mock-up test conditions and procedure with the Architect prior to the test.

2.9. Architect's Review of Submittals: The Architect shall review Shop Drawings, Product Data, and Samples with reasonable promptness upon Architect's receipt and will apply Architect's stamp thereto. Notations by the Architect which would increase contract cost or time of completion shall be brought to the Architect's attention before proceeding with the Work. Each submittal will be stamped indicating appropriate action as follows:

2.9.1. **"A" Action:** Means that fabrication, manufacture, or construction may proceed providing submittal which complies with the Architect's notations and Contract Documents. If, for any reason, the Contractor cannot comply with notations, Contractor shall make revisions and resubmit as described for submittals stamped "C" action.

2.9.2. **"B" Action:** Means that fabrication, manufacture, or construction may proceed, provided with submittal which complies with the Architect's notations and Contract Documents. If, for any reason, Contractor cannot comply with notations, Contractor shall make revisions and resubmit as described for submittals stamped "C" action.

2.9.3. **"B" Action-resubmit:** Means that fabrication, manufacture, construction may proceed; however, if the submittal did not fully demonstrate the full extent of all conditions, details, or coordination with other surrounding work, and, therefore, requires additional information and rework as noted. These shop drawings shall be submitted for final "A" and "B" action. Specific areas requiring additional information shall not be fabricated, manufactured or constructed prior to resubmission.

2.9.4. **"C" Action:** Means that submittal does not comply with design intent of Contract Documents. Submittals stamped "C" Action are not to be used. Contractor shall make revisions and resubmit.

2.10. IMPLEMENTING AGENCY (DSWD) REQUIREMENTS FOR APPROVAL, TESTING AND COMMISSIONING OF THE FOLLOWING:

2.10.1. For Architectural Systems:

The contractor shall submit all required certifications pertaining to the relevant floor, walls and ceiling systems as part of the conformance of the Buildings and Ground Management Section's requisitions.



2.10.2. For Electrical System:

Conduct Electrical Insulation Resistance Test, balancing of load, current reading during lean & peak loads and voltage reading along with a submission of Certificate of Calibration for kW-Hr meter if required, and all Certificate of Commissioning for all electrical works.

2.10.3. For Plumbing/Sanitary System:

Conduct Water Pressure Testing, 24-hour flood testing of waterproofing prior to floor topping, hydrostatic leak test of piping works with a submission of Certificate of Flood Testing to the area waterproofed and all Certificate of Commissioning for all plumbing works along with a provision of water meter with a Certificate of Calibration from the pertinent local water district or such other water concessionaire.

2.10.4. For Ventilation System:

Ventilation Testing & Commissioning to conduct a light test of ductworks along with submission of Certificate of Commissioning for all ventilation works.

2.10.5. For Fire Sprinkler System

Conduct hydrostatic leak testing at 150psi for two (2) hours. Contractor shall submit Certificate of hydrostatic test for sprinkler pipe and all Certificate of commissioning for the fire sprinkler system.

***** END OF SECTION *****

MATERIALS SPECIFICATIONS

“COMPLETION OF THREE (3) STOREY RSCC BUILDING”

PROJECT TITLE

PUGUIS, LA TRINIDAD, BENGUET

PROJECT LOCATION

Written and Prepared by:

ARCH. JIMMY M. MAYORES, UAP
ARCHITECT I, AD/BGMS
PRC REG. NO.: **0049778**

ENGR. BERNARD L. ANGAYON
ENGR. II, AD/BGMS

ENGR. COLLIN JONES C. TUNGOL
PROJECT DEVELOPMENT OFFICER II, AD/BGMS



MATERIALS SPECIFICATIONS

06 DECEMBER 2022

JMM/BLA/CJCT REV. 02

Revision	Date	Description



PROJECT REQUIREMENTS

ALL SCOPE OF WORKS INDICATED IN THESE DOCUMENTS ARE TO CONVEY DESIGN INTENT ONLY. THE CONTRACTOR IS TO DETAIL ALL SCOPE OF WORKS TO ACHIEVE THE DESIGN INTENT.

THE ITEMS BELOW SHALL BE INCLUDED IN THE DETAILED ESTIMATES OF THE CONTRACTOR BUT NOT LIMITED TO THE FOLLOWING:

1. GENERAL REQUIREMENTS

1.1. PERMITS AND CLEARANCES

-includes provision of signed and sealed plans by professionals, complete plans/design of structural, sanitary/plumbing, electrical, mechanical (fire protection system, elevator system, generator system, etc.), electronics (Auxiliary/Telephone/Intercommunication System, Network Cabling System, CCTV System, Public Address System) and other necessary plans, to include processing of necessary permits (Building permits, occupancy, etc.) and necessary clearances

1.2. PROJECT BILLBOARD / SIGNBOARD

-use standard billboard design and placement

1.2. MOBILIZATION / DEMOBILIZATION

- see general specifications for more details
- includes demolition works necessary for the execution of plans and specifications.

1.4. TEMPORARY BOARD UP

-standard temporary coverings shall be install along the perimeter of the building.

2. SCAFFOLDINGS

-includes Installation and Removal

3. ARCHITECTURAL WORKS

3.1 CARPENTRY & JOINERY

- includes all cabinetries works and accessories. The following spaces shall have the specified carpentry works (see general specifications for more details):

3.1.1. Ground Floor

- Kitchen Pantry Storage
- Walk-in Closets
- Study Room Cabinets
- Children's Play Area Storages

Second Floor

- Non-Food Storage
- Female's Bedroom
- Male's Bedroom
- Lactation Room
- Infant's Bedroom
- Prayer Room
- Walk-in Closet
- Isolation Room

**Third Floor**

- Storage Rooms
- Bedroom
- Kitchen & Pantry

Roof Deck

- Laundry Area
- Bedroom

3.2 FLOOR FINISHES

- includes all materials for floor finishes including tile works (see plans and/or general specifications for more details):

3.2.1. Ground Floor

- Natural Stone Finish Homogenous Non-skid Ceramic Tiles (600mm x 600mm)
- Light Gray Colored Office Carpet
- Gray Non-Skid Homogenous Ceramic Bathroom Tiles (600mm x 600mm)
- Rubberized Vinyl Tiles for Play Areas
- White Colored Homogenous Porcelain Tiles (600mmx600mm)
- Gray Colored Homogenous Porcelain Tiles (600mmx600mm)
- Wood Finish Homogenous Non-skid Porcelain Bedroom Tiles (200mmx1200mm)
- Polished Concrete Flooring
- Brown Stone Homogenous Non-skid Porcelain Tiles (600mmx600mm)
- White Stone Homogenous Non-skid Ceramic Stair Tiles (600mmx600mm)

Second Floor

- Natural Stone Finish Homogenous Non-skid Ceramic Tiles (600mm x 600mm)
- Light Gray Colored Office Carpet
- Gray Non-Skid Homogenous Ceramic Bathroom Tiles (600mm x 600mm)
- Rubberized Vinyl Tiles for Play Areas
- White Colored Homogenous Porcelain Tiles (600mmx600mm)
- Gray Colored Homogenous Porcelain Tiles (600mmx600mm)
- Wood Finish Homogenous Non-skid Porcelain Bedroom Tiles (200mmx1200mm)
- Brown Stone Homogenous Non-skid Porcelain Tiles (600mmx600mm)
- White Stone Homogenous Non-skid Ceramic Stair Tiles (600mmx600mm)

Third Floor

- Natural Stone Finish Homogenous Non-skid Ceramic Tiles (600mm x 600mm)
- Light Gray Colored Office Carpet
- Gray Non-Skid Homogenous Ceramic Bathroom Tiles (600mm x 600mm)
- White Colored Homogenous Porcelain Tiles (600mmx600mm)
- Gray Colored Homogenous Porcelain Tiles (600mmx600mm)
- Wood Finish Homogenous Non-skid Porcelain Bedroom Tiles (200mmx1200mm)
- Polished Concrete Flooring
- Brown Stone Homogenous Porcelain Tiles (600mmx600mm) Non-Skid Type
- White Stone Homogenous Non-skid Ceramic Stair Tiles (600mmx600mm)

Roof Deck

- White Stone Homogenous Non-skid Ceramic Stair Tiles (600mmx600mm)
- Polished Concrete Flooring
- Natural Stone Finish Homogenous Non-skid Ceramic Tiles (600mm x 600mm)



3.3 WALL FINISHES

- includes all other materials for all wall finishes (see plans and/or general specifications for more details):

- 3.3.1. Tile Works**
 - Wall Cladding
 - Glass Wall Installation
 - Padded Walls
 - Acoustic-Treated Walls
 - Gypsum Board Drywall

3.4 CEILING FINISHES

- includes all other materials for all ceiling finishes (see plans and/or general specifications for more details):

- 3.4.1. Ground Floor**
 - Fire-Rated Gypsum Board Ceiling
 - Suspended Office Acoustic Ceiling Tiles
 - Painting Works
- Second Floor**
 - Fire-Rated Gypsum Board Ceiling
 - Suspended Office Acoustic Ceiling Tiles
 - Painting Works
- Third Floor**
 - Fire-Rated Gypsum Board Ceiling
 - Suspended Office Acoustic Ceiling Tiles
 - Floating Screen Ceiling
 - Wood Planks Decorative Ceiling
 - Painting Works

3.5 PAINTING WORKS

- includes all other materials for painting works (see plans and/or general specifications for more details):

- 3.5.1. Ground Floor Interior**
- Second Floor Interior**
- Third Floor Interior**
- Roof Deck Walls**

3.6 STEEL WORKS

- includes all other materials for steel works (see plans and/or general specifications for more details):

- 3.6.1. Stair Railings (Tubular Steel, Flat bar Railing and Wooden Top rails)**
- Fire Exit Railings (Tubular Steel, Flat bar Railing and Tubular Top rails)**

3.7 MASONRY WORKS

- includes all other materials for masonry works (see plans and/or general specifications for more details):

- 3.7.1. Second Floor Interior**



Third Floor Interior Rectification of existing walls

3.8 DOORS AND WINDOWS

- includes all other materials for doors and windows with complete accessories (see plans and general specifications for more details):

3.8.1. DOORS:

D1A, Main Door A
D1B, Main Door B
D2, Dining Glass Door
D3, Kitchen Half Lite Door
D4A, Half Lite Door, LH Swing
D4B, Half Lite Door, RH Swing
D5A, Observation Door
D5B, Observation Door
D5C, Bedroom Door, RH Swing
D5D, Bedroom Door, LH Swing
D6, PWD Bathroom Door
D7A, Bathroom Door
D7B, Bathroom Door, LH Swing
D7C, Bathroom Door, RH Swing
D8, Kitchen Pantry Door
D9A, Fire Exit Door, RH Swing
D9B, Fire Exit Door, LH Swing
D10A, Office Glass Door, RH Swing
D10B, Office Glass Door, LH Swing
D11A, Panel Door
D11B, Panel Door
D12, Padded Door
D13A, Storage Door, RH Swing
D13B, Storage Door, LH Swing
D14, Sliding Door
D15A, Conference Room Door, LH Swing
D15B, Conference Room Door, RH Swing
D16, Access Door, RH Swing

WINDOWS:

W01, Fixed Glass Window
W02, Sliding Glass Window
W03, Sliding Glass Window
W04, Sliding Glass Window
W05, Awning w/ Fixed Glass Window
W06, Awning Glass Window
W07, Sliding and Awning Glass Window
W08, Fixed Corner Glass Window
W09, Awning w/ Fixed Glass Window
W10, Fixed Corner Glass Window
W11, Fixed Corner Glass Window
W12, Awning Glass Window
W13, Sliding Glass Window
W14, Awning Glass Window
W15, Sliding Glass Window
W16, Fixed Glass Window
W17, Sliding w/ Fixed Glass Window
W18, Awning w/ Fixed Glass Window
W19, Sliding Glass Window
W20, Awning Glass Window
W21, Wooden Window Frame (Open Through)
W22, Awning Glass Window
W23, Fixed Glass Window
W24, Fixed Glass Window
W25, Fixed Glass Window
W26, Fixed One Way Acrylic Observation Window

3.9 EXTERIOR FINISHES

- includes all other materials for exterior finishes (see plans and/or general specifications for more details):

3.9.1.

Horizontal Exterior Wood Cladding
Decorative Stone Panel Cladding
Vertical Exterior Wood Cladding
Light Gray Paint
Dark Gray Paint

White Paint
Black Paint for Exterior Window Framing
Brown Paint
Wood Finish Exterior Ceiling Soffit



3.10 ROOFING WORKS

- includes all other materials for roofing works (see plans and/or general specifications for more details):

3.10.1. Installation of Parapet Walls Replacement, Addition and Improvement of Roofing

3.11 SPECIALIZED ITEMS

- includes all other materials for Fabrication, Supply and Installation of DSWD Logo signages and flagpole with flag (see plans and/or general specifications for more details):

3.11.1. Fabrication, Supply and Installation of 2 sets DSWD Logo signages

- 2 Sets Flag poles (Includes Reinforced Concrete Pedestal, Steel Pole, Pulley, Halyard, Cleat, Philippine Flag, complete accessories)
- Flagpole Length (exposed height): 25'
- Flag size: 4'x6'
- Diameter: Base=6", Top=3.5"

4. MECHANICAL WORKS

Fire Detection Alarm System and Fire Protection System/ Fire Hose Reel System

- includes the Design, Supply, Delivery, Installation and Commissioning of Fire Detection Alarm System and Fire Protection System including Inspection, Testing & Maintenance/ Preventive Maintenance for 1 year) (see general specifications for more details):

4.1. Fire Detection and Alarm System (FDAS):

- FDAS components
- FDAS Conduits and Pipes
- Fire Alarm Control Panel
- Optical Smoke Detector
- Heat Detector
- Detector Bases
- Manual Pull Station/Call Point
- Fire Alarm Bell
- FDAS Cables and Wires
- Complete electrical connections

4.2. Fire Protection System/Fire Hose Reel System:

- Firehose Cabinets
- Complete Pippings
- Fire Pump and Jockey Pump
- Fire Extinguishers
- Sprinkler Heads

4.3. Testing & Maintenance/ Preventive Maintenance for 1 year

4.4. Design, Supply, Delivery, Installation of Stainless steel overhead water tank

4.5. Elevator System

- see plans and/or general specifications for more details. Includes the Supply, Installation, Testing and Commissioning of Passenger Elevator with complete electrical



connections. Passenger elevator w/ 400kgs minimum. Capacity, 3 stops includes Testing & Maintenance/ Preventive Maintenance for 1 year.

5. ELECTRICAL WORKS

- includes Design, Supply, Delivery, Installation and Testing & Maintenance of electrical system of the building and shall be three phase power.

5.1 Wires and Cables

5.2 Conduits

5.3 Lighting Fixtures and Switches

- 30 sets High Quality Emergency Lights
 - Automatic switched on when power outage. Overcharge and over-discharge protection circuit
 - Battery -packed lighting device
 - Can Rotate UP or DOWN, Twin Head
 - Commercial Use

- 14 sets Luminous Exit Signs
 - Automatic switched on when power outage. Battery -packed lighting device
 - Dimension: 355 x 25 x 145mm min.
- One Gang Switches
- Two Gang Switches
- Three Gang Switches
- 76 sets Troffer Lights
 - 2 x 20W / 2 x 18W Recessed / Flush Type Aluminum Reflector 60cm x 60cm / 24 x 24 inches / 600 mm x 600 mm
 - Daylight
- 56 sets Drop Lights (decorative)
 - Warm lighting
- 32 sets Valance Lights (decorative)
 - Bar Counter Drop Light, Long Strip Pendant Lamp
 - Warm Light
- 281 sets Pin Lights (6W)
 - Round
 - White
- 95 sets Pin Lights (18W)
 - Round
 - White
- 23 sets Surface Mounted Downlights
 - 9" Beehive Housing, Recessed, IP40, with 18watts LED Bulb
 - Black Housing
 - Warm Light
- 82 sets Directional Downlights
 - Die-cast Aluminum
 - With 6W LED Light
 - Black Housing
- 4 sets Track Lights
- Exhaust Fans



5.4 Device, Plates, and Utility

- Convenience Outlets
- Utility Boxes
- Junction Boxes
- Pull Boxes
- Service Poles

5.5 Panel Boards

- At least NEMA 1 Class
- Provide proper name-tagging in Dymo Tape
- Circuit Breakers should be bolt-on type, 3-phase

5.6 Generator Set (Backup power system)

- Supply, Delivery, Installation and Commissioning of Generator Set including Inspection, Testing & Maintenance/ Preventive Maintenance for 1 year
 - 175 KVA, 3 Phase, 230 Volts, 60 Hz - Diesel operated with ATS and Accessories and Complete Electrical Connections
 - Main Distribution Panel with breakers
 - Automatic Transfer Switch

5.7 Auxiliary System

- Design, Supply, Delivery, Installation and Commissioning of Telephone System
- 8 sets high quality Telephones with complete system
- Telephone System
- Public Address: The voice alarm system shall be the integrated solution for BGM (Background Music) and EVAC (Emergency Voice Alarm). The voice alarm system shall be designed for public address and emergency evacuation. Communication System shall provide clear announcements during public addressing and one-way voice communication during and emergency and can provide BGM where required. Consider using approved brand, with Integrated Security. The system shall be capable of fulfilling the following requirements:
 - i. Clear, un-distorted announcements to selected areas during public addressing;
 - ii. Clear, un-distorted paging to all zones; either individually or collectively. Selection of groups of zones shall be programmable from time to time; and
 - iii. Background music to selected areas when the other functions are not selected.

5.8 Network Cabling System

- Supply, Delivery, Installation and Commissioning of Data System Includes internet connections, LAN connection to computers, Wi-Fi connections, Routers, and complete accessories.
- Structured Cabling System with Integrated Data Cabinet
- The bidder must conduct ocular site inspection for proper measurement and deployment of proposed equipment
- The project is to establish a 40 nodes Structured Cabling System with Integrated Data Cabinet



5.9 CCTV System

- Includes high quality CCTV cameras (30 units), Network Video Recorder, Hard Drives, Grounding System, Cabinets, Cables, Wiring Accessories, Smart Android TVs (4 units 50" min.), and complete accessories (Supply, Delivery, Installation and Commissioning)
- Supply, Installation, Integration, Testing and Commissioning of CCTV Camera (Security) System
 - 2units 4 TB Western Digital AV
 - 2units power adapter: 18 CH (30 ampere) PSU
 - Camera Features (2 units):
 - 3.0 MP
 - IR distance 20m
 - true day/night
 - OSD menu, DNR, smart IR
 - EXIR technology
 - IP66 weather proof
 - TVR Features (2 units):
 - 8CH-MP up to 5MP
 - H.264+ & Dual-stream video compression
 - 4 in 1 support HD-TV/analog/AHD/IP camera
 - full channel @ 5MP resolution non real-time recording- EXIR technology
 - HDMI output at up to 4K while VGA output at up to 1920x1080P resolution
 - long transmission distance over coax cab
 - Support up to 8ch synchronous playback
 - two-way Audio: 1-ch, RCA (2.0 Vp-p, 1K) (using audio input)
 - Interface Type: 1 SATA
 - Capacity: Up to 8 TB capacity for each disk
 - Dimensions: 315 x 242 x 45 mm
 - 12.4 x 9.5 x 1.8 inch
 - weight: ≤ 1.5 kg (3.3lb)

5.10 Public Address System

- Includes Supply, Delivery and Installation of high quality Built-in speakers (100 units) including complete wiring connections and control system including amplifier
 - PA System Processor
 - May be a single or multiple equipment
 - With Ethernet port for transmission of audio and control signals.
 - Rack-Mounted
 - PA System Network Switch
 - Rack Mounted
 - Power Amplifier (the number of amplifiers, channels, power rating, etc. shall be determined based on the "Amplifier Load Schedule Section designed by the contractor).
 - Network Amplifier Type
 - Rack Mounted
 - With Uninterruptible Power Supply that is able to provide back-up power for at least five (5) minutes (back-up time shall be tested prior to project acceptance; it is the responsibility of the CONTRACTOR to provide additional units in case the required back-up time is not met).
 - All amplifiers shall belong to the same brand and model line
 - Paging Microphone
 - Push to Talk Button



- The paging microphone shall belong to the same brand and shall be compatible with the offered PA System processor

Wall/Ceiling Mounted Speaker

- Rated Power: 10 Watts (minimum)
- Minimum Woofer Diameter: 4 inches (minimum)
- Selectable wattage with minimum of 3 tapping points
- Speaker Type: Two (2) Way or Full-Range
- Color: Depends on the location

Conduits, wires, fittings and connectors (these shall be checked during project implementation, Contractor shall submit actual samples for approval prior to installation)

- Junction Boxes, Locknut, Bushing, Coupling, Full Threaded Rod, Conduit Clamp, Riser, Hangers and Accessories shall be of approved type.
- Equipment Rack
- With enough number of power outlets to supply all the equipment inside the rack.
- Rack height shall depend on the number of equipment to be installed.
- With service light installed at the back of the rack.
- Flexibility The system shall be configurable to changes deemed necessary

5.11 Three Phase Power Connection

- Includes Supply, Delivery, Installation and Commissioning of Three-Phase Power Supply Connection with complete accessories
- includes processing of three phase power supply in coordination with the Benguet Electric Cooperative (BENECO)
 - 3 pcs. Transformers
 - Protective Devices
 - Lightning Arresters
 - Fuse Cut-Outs
 - Fuse Links
 - Line Hardware
 - Connector Stirrups
 - Conductor Bare Wires
 - Clamp Hot Lines
 - Metering Requirements
 - Connector Compressions
 - CT
 - CT Box
 - Electrical Tapes
 - Meter Box, 3 Phase kwhm
 - RSC Pipes
 - Rubber Tapes
 - Straight Connectors
 - Test Blocks
 - Assorted Wires
 - KWH Meter
 - Multi function electronic KWHM
- Supply, Delivery, Installation of Power Cables complete with accessories and connections
- Design and construction of Transformer Pad
- Rectifications of existing Electrical Works including replacement of damaged electrical wirings and materials

5.12 Others

- Rectifications of existing Electrical Works including replacement of damaged electrical wirings and materials



6. SANITARY/PLUMBING WORKS

- includes Design, Supply, Delivery, Installation and Testing (Testing and adjustments, Hydrostatic Pressure Test) of Sanitary/Plumbing works

6.1 Cold Water lines

- 25mm PPR Pipe
- 20mm PPR Pipe
- 50mm PPR Pipe
- Fittings, elbows, tees, couplings adapter, unions, reducers, flanges
- 25mm Brass Gate Valve
- 20mm Brass Hose Bib
- Pipe Hangers, Support and Sway Braces
- Testing and adjustments, Hydrostatic Pressure Test
- Stainless Steel Gooseneck Faucet with lever type handle
- Stainless Steel Overhead Cold Water Tank, 15 drums
- 1"x1" Water Pump, 2 HP

6.2 Sewer, Waste and Vent Pipes

- 50mm PVC Pipe
- 100mm PVC Pipe
- 150mm PVC Pipe
- Fittings, elbows, tees, couplings adapter, unions, reducers, flanges
- Stainless Floor Drain
- 50mm Floor/Ground PVC Cleanouts
- 100mm Floor/Ground PVC Cleanout
- 150mm Floor/Ground PVC Cleanout
- Pipe Hangers, Support and Sway Braces
- Testing and adjustments, Hydrostatic Pressure Test

6.3 Fixtures

- Water Closet w/ complete accessories
- Under Counter Lavatory
- Stainless steel shower set (head, valve, & faucet)
- Water Heater
- Stainless steel grease trap
- Stainless Steel Kitchen Sink w/ stainless steel bottle trap
- Ceramic Urinal
- Tissue Holder
- Ceramic Soap Holder
- Stainless Steel Bidet
- Valves, flexible hose, and fittings
- Stainless Steel Grab Bars
- Hand Dryer



7. CHILDREN'S PLAYGROUND

- includes Supply, Delivery and Installation of Playground Equipment

7.1 Playground Equipment

- Kids Seesaw, outdoor
 - Resistant to sunlight and temperature changes
 - Min. dimensions: 55.75 x 19.5 x 20.75 inches
 - durable weather-resistant metal with rubber-padded rockers, comfy seats and sturdy handlebars
 - Can carry up to 200kgs
 - Suitable for children from 3 years old
 - Ergonomically shaped seats with non-slip handles
- Kids Slide, outdoor
 - Min. Dimensions LxWxH 137 x 46 x 91.5 Centimeters
 - Made of durable and non-toxic PE material
 - Suitable for children from 3 years old
- Kids Monkey Bar, outdoor
 - Steel Tube Material, durable
 - 3124mm*1162mm*2285mm min. dimensions
- Kids Double Swing, outdoor
 - Complete swing 280x140x179 cm made of stainless steel and resistant PVC or equivalent
 - Seesaw min. dimensions 280x140x179 cm for 2 children
 - Suitable for children from 3 years old

6.2 Sand Bedding

- 6" Thick Sand Bedding, Play Sand
- Concrete Enclosure for Sand Bedding w/ paddings

8. PUMP ROOM & CONCRETE TANK

- construction of pump room and concrete tank for fire protection system (see plans and/or general specifications for more details):

8.1 Civil Works

8.2 Architectural Works

8.3 Plumbing Works

8.4 Electrical Works

9. GENERATOR SET ROOM

- construction of generator set room (see plans and/or general specifications for more details):

8.1 Civil Works

8.2 Steel Works

8.3 Tinsmithry

8.4 Architectural Works



10. CONSTRUCTION SAFETY & HEALTH

- includes acquisition of DOLE approved CSHP
- see general specifications for more details
- provide at least 5 sets approved hard hats, safety shoes and reflectorized vests for the DSWD representatives