

**SUPPLEMENTAL / BID BULLETIN NO. 1**

**TITLE :** Rehabilitation of the Regional Rehabilitation Center for the Youth (RRCY) Complex  
**ITB NO. :** ITB 2023-DSWD-CAR-23  
**DATE :** 14 August 2023

This Supplemental/Bid Bulletin is issued to all prospective bidders announcing the following:

Description/ Concerns	From	To															
Section III. Bid Data Sheet	<p><b>Clause 5. 2</b></p> <p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <ul style="list-style-type: none"> <li>• <b>Construction or Retrofitting of Buildings</b></li> </ul>	<p><b>Clause 5. 2</b></p> <p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <ul style="list-style-type: none"> <li>• <b><u>Rehabilitation or construction of vertical or horizontal structures.</u></b></li> </ul>															
	<p><b>Clause 10. 4</b></p> <table border="1" data-bbox="454 1142 901 1993"> <thead> <tr> <th>Personnel</th> <th>Relevant Experience</th> </tr> </thead> <tbody> <tr> <td>Project Manager</td> <td>at least 5 years of relevant experience in overseeing building construction</td> </tr> <tr> <td>Site Architect</td> <td>at least 2 years of relevant experience in supervision of Architectural Works in building construction</td> </tr> <tr> <td>Site Civil Engineer</td> <td>at least 2 years of relevant experience in supervision of structural retrofit works</td> </tr> </tbody> </table>	Personnel	Relevant Experience	Project Manager	at least 5 years of relevant experience in overseeing building construction	Site Architect	at least 2 years of relevant experience in supervision of Architectural Works in building construction	Site Civil Engineer	at least 2 years of relevant experience in supervision of structural retrofit works	<p><b>Clause 10. 4</b></p> <table border="1" data-bbox="933 1142 1380 1993"> <thead> <tr> <th>Personnel</th> <th>Relevant Experience</th> </tr> </thead> <tbody> <tr> <td>Project Manager</td> <td>at least 5 years of relevant experience in overseeing <b><u>horizontal or vertical construction</u></b></td> </tr> <tr> <td>Site Architect</td> <td>at least 2 years of relevant experience in supervision of Architectural Works in <b><u>horizontal or vertical construction</u></b></td> </tr> <tr> <td>Site Civil Engineer</td> <td>at least 2 years of relevant experience in supervision of <b><u>horizontal or</u></b></td> </tr> </tbody> </table>	Personnel	Relevant Experience	Project Manager	at least 5 years of relevant experience in overseeing <b><u>horizontal or vertical construction</u></b>	Site Architect	at least 2 years of relevant experience in supervision of Architectural Works in <b><u>horizontal or vertical construction</u></b>	Site Civil Engineer
Personnel	Relevant Experience																
Project Manager	at least 5 years of relevant experience in overseeing building construction																
Site Architect	at least 2 years of relevant experience in supervision of Architectural Works in building construction																
Site Civil Engineer	at least 2 years of relevant experience in supervision of structural retrofit works																
Personnel	Relevant Experience																
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Site Civil Engineer	at least 2 years of relevant experience in supervision of <b><u>horizontal or</u></b>																

Description/ Concerns	From		To	
<b>Section III. Bid Data Sheet</b>				<b><u>vertical construction</u></b>
	Site Electrical Engineer	at least 2 years of relevant experience in supervision of Electrical Works of building construction	Site Electrical Engineer	at least 2 years of relevant experience in supervision of Electrical Works of <b><u>horizontal or vertical construction</u></b>
	Site Sanitary Engineer	at least 2 years of relevant experience in supervision of sanitary works of building construction	Site Sanitary Engineer	at least 2 years of relevant experience in supervision of sanitary works of <b><u>horizontal or vertical construction</u></b>
	Safety Officer	at least 2 years experience as Safety Officer II in building construction	Safety Officer	at least 2 years experience as Safety Officer II in <b><u>horizontal or vertical construction</u></b>
	Project Foreman	at least 2 years of experience in building construction	Project Foreman	at least 2 years of experience in <b><u>horizontal or vertical construction</u></b>
	Electrician	At least 2 years of relevant experience in building construction & must be TESDA Accredited	Electrician	At least 2 years of relevant experience in <b><u>horizontal or vertical construction</u></b> & must be TESDA Accredited
	Carpenter	At least 2 years of relevant experience in carpentry in building construction & must be TESDA Accredited	Carpenter	At least 2 years of relevant experience in carpentry in <b><u>horizontal or vertical construction</u></b> & must be TESDA Accredited

Description/ Concerns	From			To		
<b>Section III. Bid Data Sheet</b>	Mason	At least 2 years of relevant experience in masonry in building construction & must be TESDA Accredited	Mason	At least 2 years of relevant experience in masonry in <b><u>horizontal or vertical construction</u></b> & must be TESDA Accredited		
	Tile Setter	At least 2 years of relevant experience in tile setting in building construction & must be TESDA Accredited	Tile Setter	At least 2 years of relevant experience in tile setting in <b><u>horizontal or vertical construction</u></b> & must be TESDA Accredited		
	Steel man	at least 2 years of relevant experience in steel works in building construction & must be TESDA Accredited	Steel man	at least 2 years of relevant experience in steel works in <b><u>horizontal or vertical construction</u></b> & must be TESDA Accredited		
	Welder	at least 2 years of experience in welding/hot works & must be TESDA Accredited	Welder	at least 2 years of experience in welding/hot works & must be TESDA Accredited		
	<b>Clause 10.5</b>			<b>Clause 10. 5</b>		
	<b>Equipment</b>	<b>Capacity</b>	<b>Number of Units</b>	<b>Equipment</b>	<b>Capacity</b>	<b>Number of Units</b>
	Mini Dump Truck	at least 2.5 cubic meters	at least one (1)	Mini Dump Truck	at least 2.5 cubic meters	at least one (1)
	Speed Cutter	at least 14 inches	at least two (2)	Speed Cutter	at least 14 inches	at least two (2)
	Acetylene & Oxygen Tank	at least 24 kgs	at least two (2)	Welding Machine	at least 300 amps	at least one (1)

Description/ Concerns	From			To		
		Welding Machine	at least 300 amps	at least three (3)	Drilling Machine	at least 450 watts
	Drilling Machine	at least 450 watts	at least two (2)	Concrete Vibrator	at least 3 Hp	at least one (1)
	Concrete Vibrator	at least 3 Hp	at least one (1)	Compactor	At least 3 HP	at least one (1)
	Compactor	At least 3 HP	at least one (1)			
	Jet Grouting Machine	At least 4000 psi	at least one (1)			
	Heavy Duty Chain Block	At least 3 tons	at least three (3)			
	Floor Grinding Machine	at least 450 rpm	at least one (1)			
<b>Section VI. Specifications</b>	General Conditions and Requirements not attached.			Please see attached General Conditions and Requirements.		
<b>Section VII. Drawings</b>	With inconsistencies as to pagination.			Please see attached drawings.		

Changes indicated in the Bid Bulletin shall form part of the bidding documents.

Please be guided accordingly.

  
**ENRIQUE H. GASCON JR.**  
 Chairperson, Bids and Awards Committee

<b>GENERAL CONDITION AND REQUIREMENTS</b>	
1.	<b>Contractor's Qualification(s)</b>
	a. Contractor shall be competent and experienced in the field of Construction with a minimum of three (3) years prior experience.
2.	<b>Contractor's Working Hours</b>
	a. All normal work for this contract shall be performed during normal daylight hours. Any exceptions or changes should be approved by the HOPE, it may only be coordinated to the Officer/BGMS Project Engineer, but still subject for approval of the Regional Director.
	b. If work is required overnight, the Contractor will be requires to furnish safe, proper and sufficient lighting arrangement if necessary.
3.	<b>Contractor's Responsibilities</b>
	a. Contractor/Service provider shall assign Engineers/Architects from the start until completion stage;
	b. Contractor/Service provider shall coordinate to the BGMS all the execution of works;
	c. Contractor/Service provider shall provide warning signages, project log book;
	d. Contractor/Service provider shall submit Statement of works accomplished and progress photos as requirement of the billing request ;
	e. Contractor shall submit Construction Safety and Health Program approved by DOLE;
	f. All assigned key personnel shall be physically present at the site throughout the duration of the project or working hours;
	g. A Certificate of Site Inspection shall be secured by the contractor from the BGMS.
4.	<b>Other Requirements</b>
	a. All dimensions/level etc. indicated in the drawing plans are to be verified on the site;
	b. All materials is subjected for the approval of the End user/ BGMS Project Engineer/Architect;
	c. Any discrepancies, either between written dimensios and site dimensions shall be brought to the BGMS office before executing the works.

Prepared by:

Recommending Approval:

  
**ENGR. COLLIN JONES C. TUNGOL**

Engineer II, BGMS

  
**ENRIQUE H. GASCON JR.**

Director III, Assistant Regional Director for Administration

Conformed by:

Approved by:

  
**RONILO R. FLORES**

OIC - Admin Division Chief

  
**LEO L. QUINTILLA**

Regional Director

---

# "PROPOSED REHABILITATION OF REGIONAL REHABILITATION CENTER FOR YOUTH (RRCY) COMPLEX"

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*PROJECT TITLE*

**DSWD-CAR - Regional Rehabilitation Center for Youth, Payda, Bayabas, Sablan, Benguet**

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*PROJECT LOCATION*

**PROJECT DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - 30 JUNE 2023**









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



**ADMINISTRATIVE DIVISION**  
 FIELD OFFICE CAR  
 DSWD-AS-GF-057 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**IMPROVEMENT OF SLOPE PROTECTION AND PERIMETER FENCE OF RRCY**

APPROVED BY  
**LEO I. QUINTILLA**  
 Regional Director

CONFORMED BY  
**ENRIQUE H. GASCON, Jr.**  
 Director, Assistant Regional Director for Administration

CHECKED BY  
**RONILO R. FLORES**  
 Administrative Officer V  
 OIC - Chief, Administrative Division

PREPARED/DESIGNED BY  
**AR. GLEYXTER N. RUDIO**  
 Architect I, BGMS

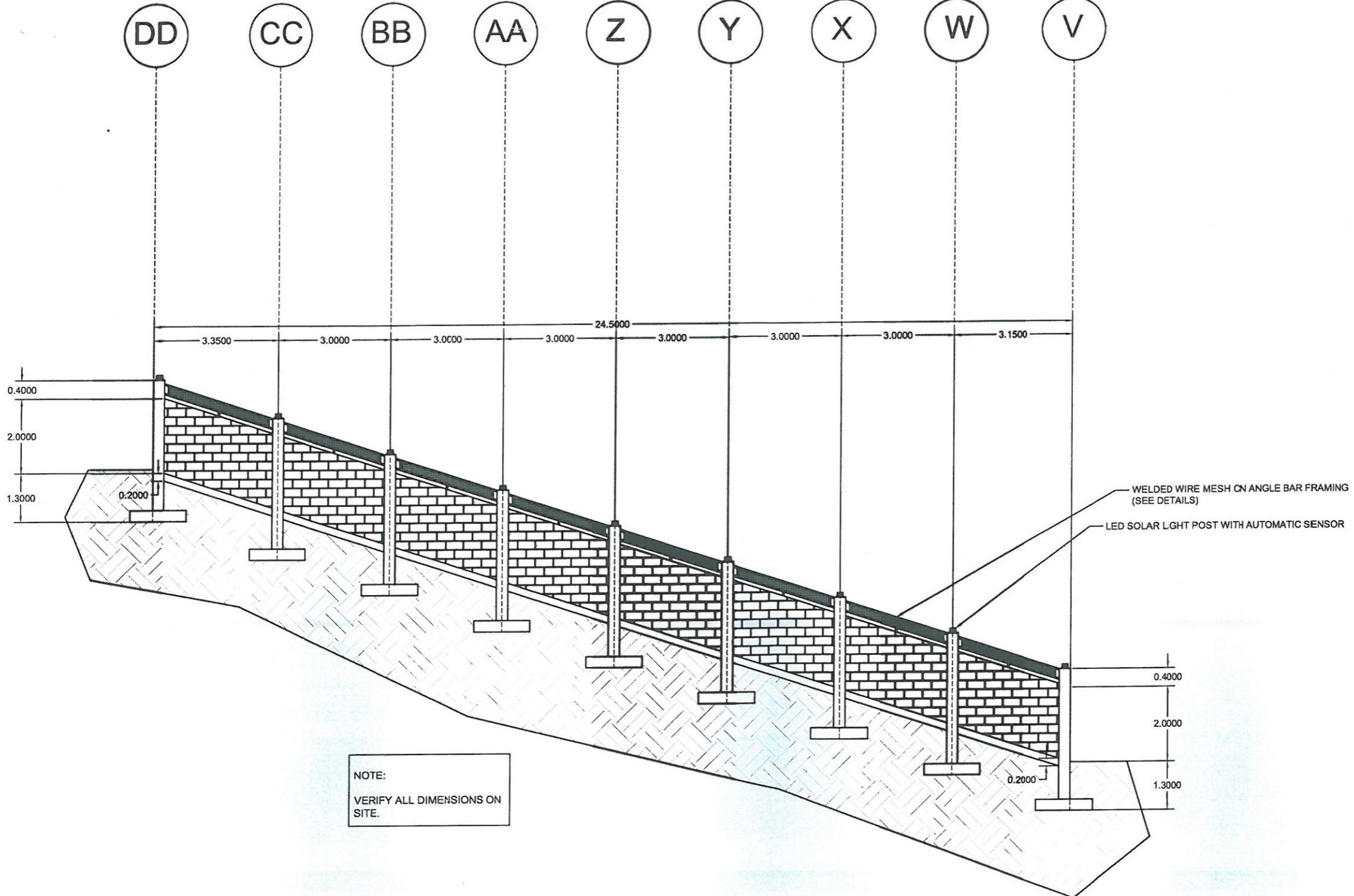
PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-2021S-S**

DATE SUBMITTED:  
**5 JULY 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **A** SHEET NUMBER: **4/6** PAPER SIZE: **A3**

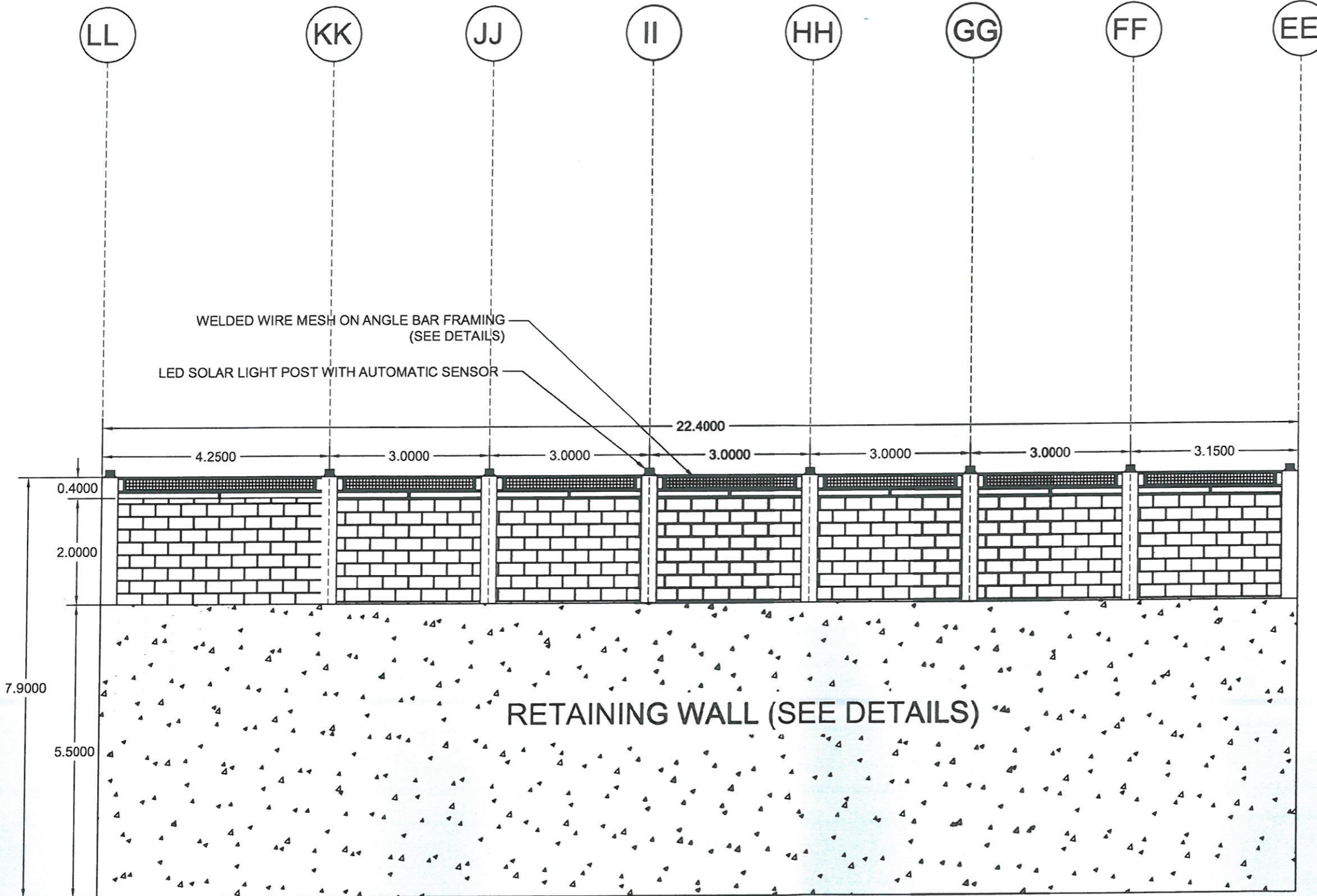


ARCHITECTURAL DOCUMENTS  
 ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023

**1**  
**A 4** SCALE: **FENCE 3 FRONT ELEVATION** NTS



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



NOTE:  
VERIFY ALL DIMENSIONS ON SITE.



**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-CF-057 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**IMPROVEMENT OF SLOPE PROTECTION AND PERIMETER FENCE OF RRCY**

APPROVED BY

*Leo L. Quintilla*  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY

*Enrique H. Gascon, Jr.*  
**ENRIQUE H. GASCON, Jr.**  
Director III, Assistant Regional Director for Administration

CHECKED BY

*Ronilo R. Flores*  
**RONILO R. FLORES**  
Administrative Officer V  
OIC - Chief, Administrative Division

PREPARED/DESIGNED BY

*Ar. Glyxter N. Rudio*  
**AR. GLYXTER N. RUDIO**  
Architect I, BGMS

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED: **5 JULY 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>A</b>	<b>5/6</b>	<b>A3</b>

1 A 5 SCALE NTS  
**FENCE 4 FRONT ELEVATION**

ARCHITECTURAL DOCUMENTS  
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**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-GF-057 | REV 02 | 07 OCT 2022

PROJECT NAME:

**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:

**REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:

**IMPROVEMENT OF SLOPE PROTECTION AND PERIMETER FENCE OF RRCY**

APPROVED BY

**LEO I. QUINTILLA**  
Regional Director

CONFORMED BY

**ENRIQUE H. GASCON, Jr.**  
Director III, Assistant Regional Director for Administration

CHECKED BY

**RONILO I. FLORES**  
Administrative Officer V  
OIC - Chief, Administrative Division

PREPARED/DESIGNED BY

**AR. GLYSTER N. RUBIO**  
Architect I, BSMS

PROJECT/TA No:

**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:

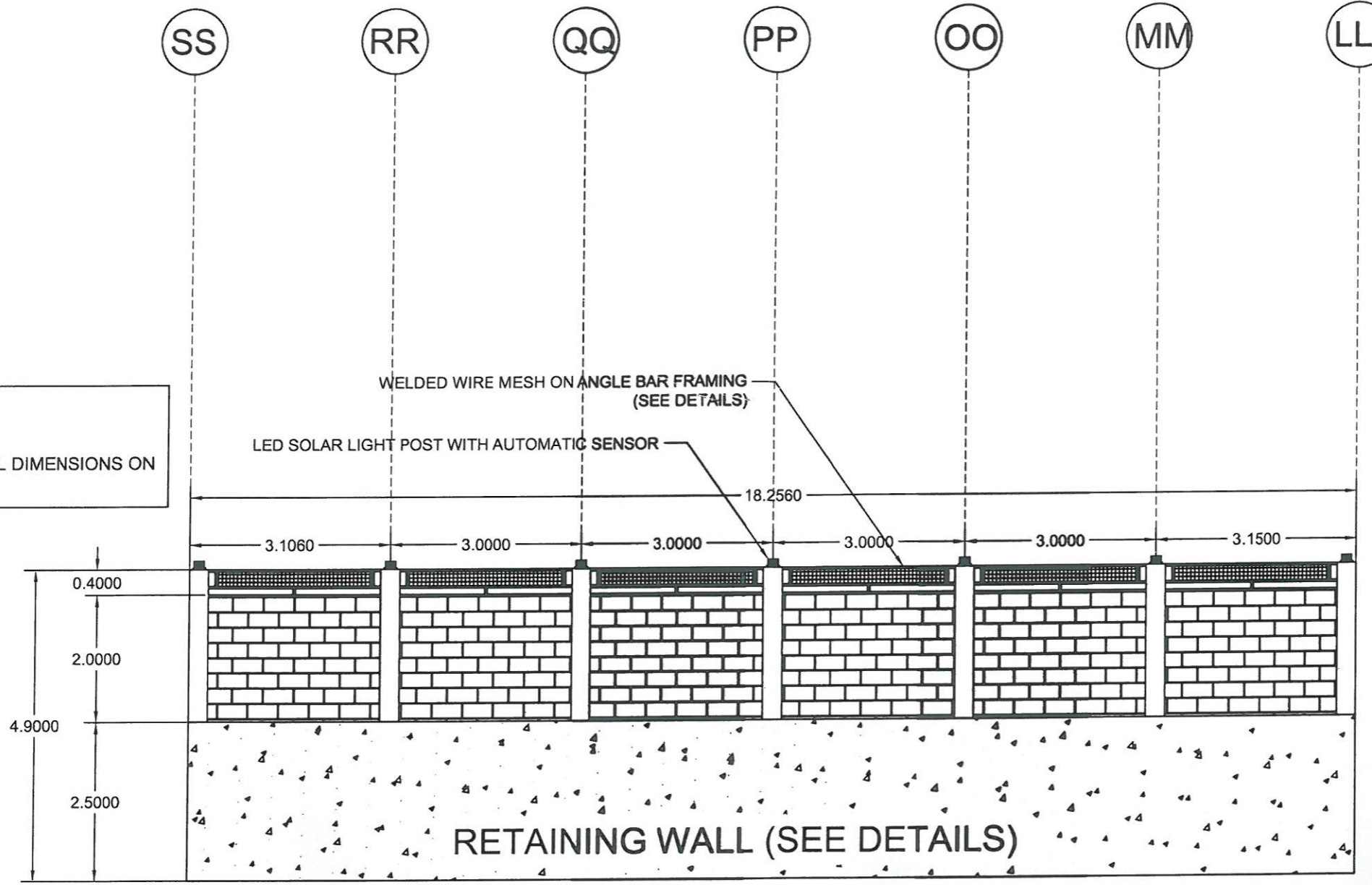
**5 JULY 2022**

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DATE	DESCRIPTION/REMARKS	BY

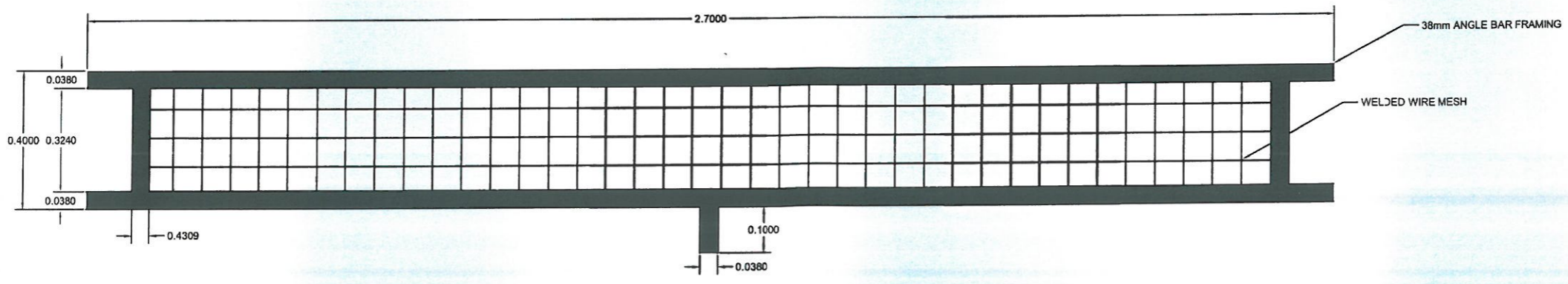
PLAN CATEGORY SHEET NUMBER PAPER SIZE

**A 6/6 A3**



NOTE:  
VERIFY ALL DIMENSIONS ON SITE.

**1**  
FENCE 5 FRONT ELEVATION  
SCALE NTS



**2**  
WELDED WIRE MESH WITH ANGULAR BAR FRAMING DETAILS  
SCALE NTS

ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023



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PROPOSED REHABILITATION OF RRCY COMPLEX

**LOCATION:**  
REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET

**SHEET CONTENT:**  
IMPROVEMENT OF SLOPE PROTECTION AND PERIMETER FENCE OF RRCY

**APPROVED BY**  
LEO L. QUINTILLA  
Regional Director

**CONFORMED BY**  
ENRIQUE H. GASCON, Jr.  
Director for Administration

**CHECKED BY**  
RONILO R. FLORES  
Administrative Officer  
OIC - Chief, Administrative Division

**PREPARED/DESIGNED BY**  
ENGR. COLLIN JONES C. TUNGOL  
Engineer II, BGMS

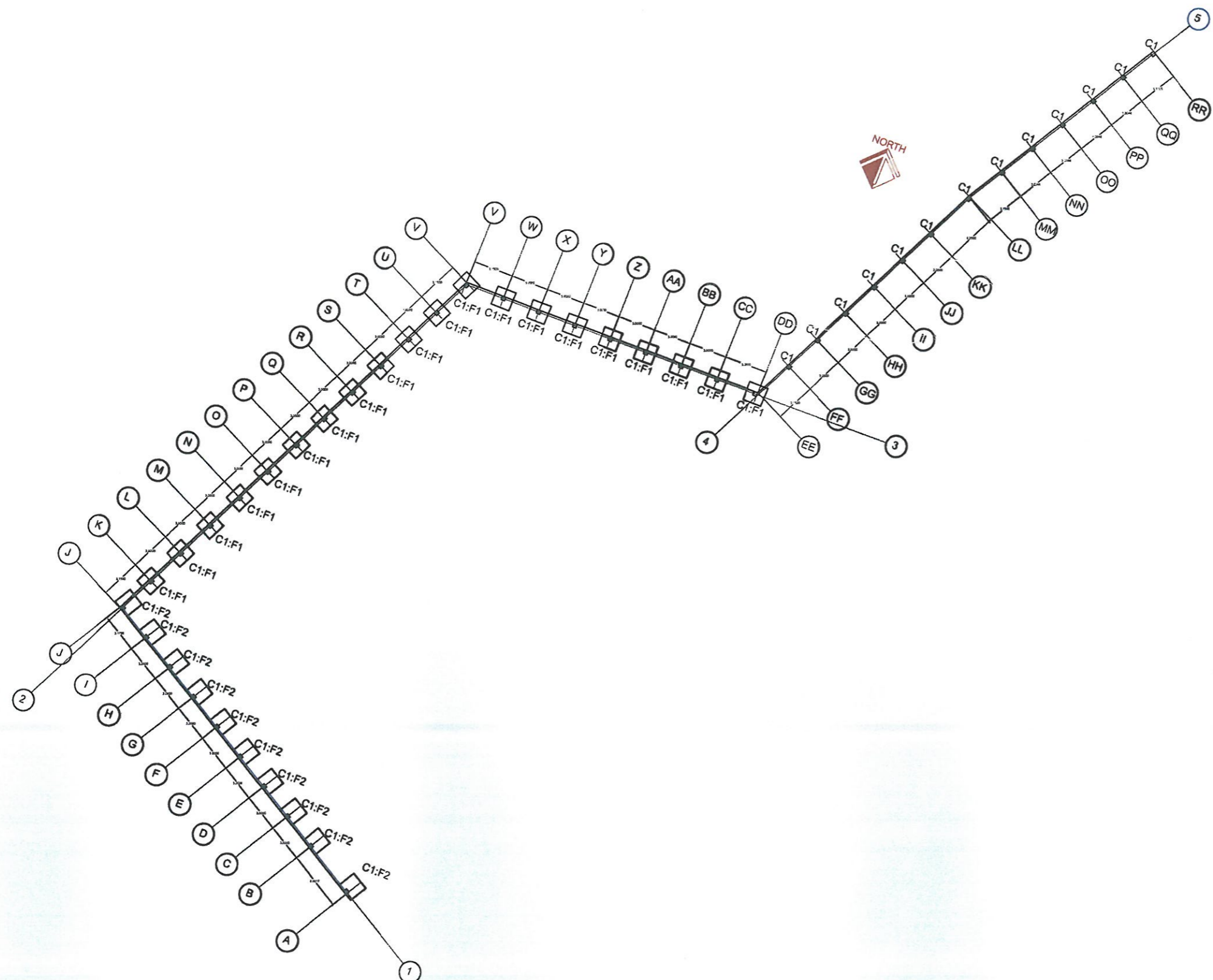
**PROJECT/TA No:**  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

**DATE SUBMITTED:** 5 JULY 2022

**DRAWING STATUS**

DATE	DESCRIPTION/REMARKS	BY

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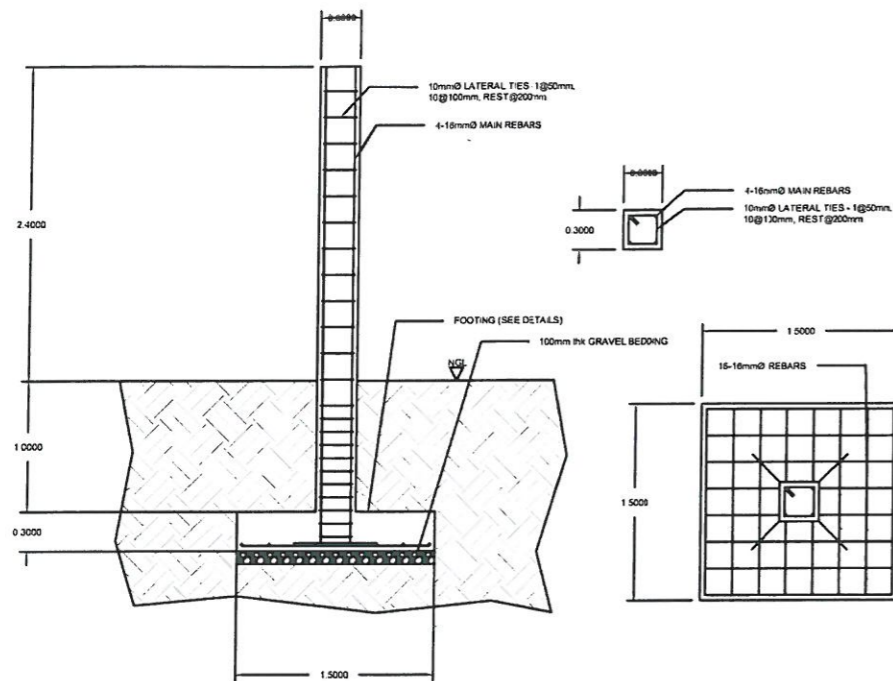


STRUCTURAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023

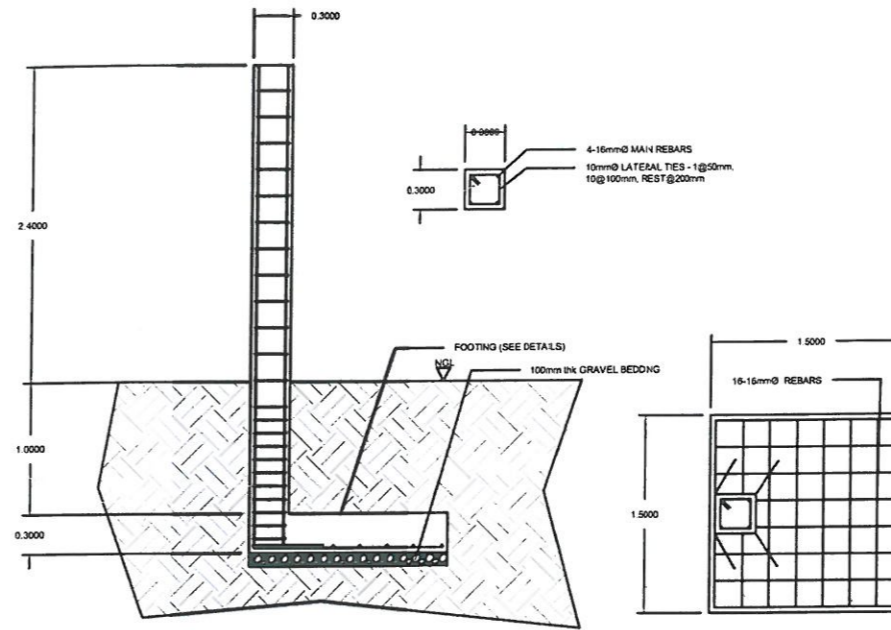
**FOUNDATION PLAN**  
SCALE 1/8" = 1'-0" NTS



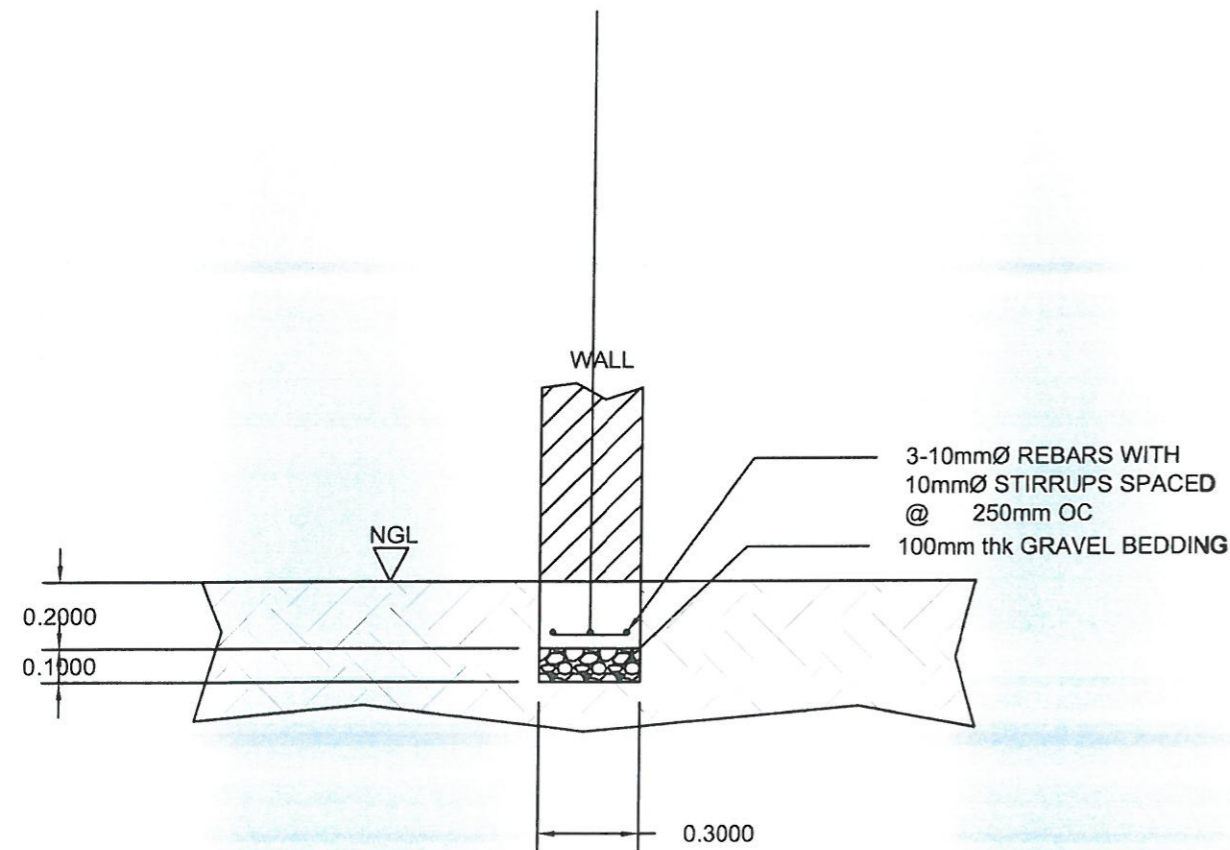
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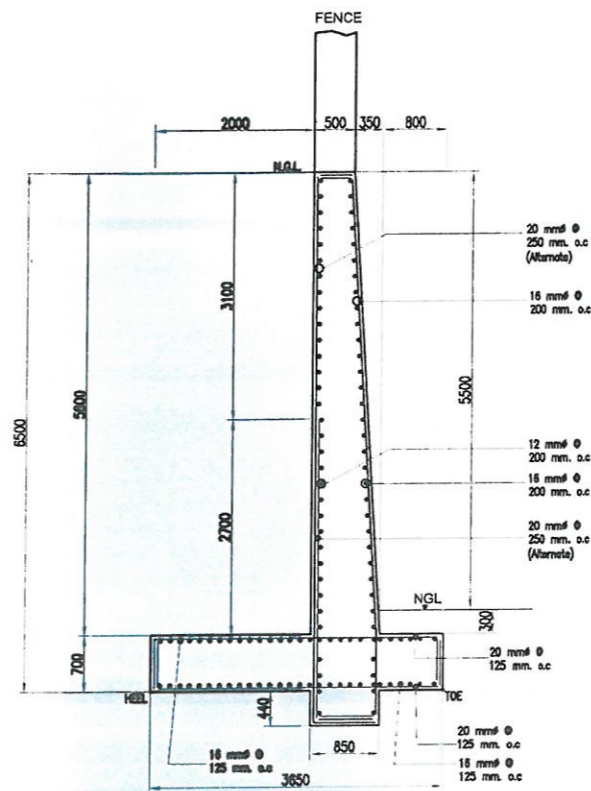
1 A 1 TYPICAL COLUMN 1 - FOOTING 1 DETAILS SCALE NTS



2 A 1 TYPICAL COLUMN 1 - FOOTING 2 DETAILS SCALE NTS



3 A 1 TYPICAL WALL FOOTING DETAILS SCALE NTS



4 A 1 TYPICAL RETAINING WALL DETAILS SCALE NTS

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**IMPROVEMENT OF SLOPE PROTECTION AND PERIMETER FENCE OF RRCY**

APPROVED BY

**LEO L. QUINTILLA**  
 Regional Director

CONFORMED BY

**ENRIQUE H. BASCON, Jr.**  
 Director III, Assistant Regional Director for Administration

CHECKED BY

**RONILO R. FLORES**  
 Administrative Officer V  
 OIC - Chief, Administrative Division

PREPARED/DESIGNED BY

**ENGR. COLLIN JONES C. TUNGOL**  
 Engineer II, BGMS

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED: **5 JULY 2022**

DRAWING STATUS

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>S</b>	<b>2/2</b>	<b>A3</b>

STRUCTURAL DOCUMENTS  
 ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023





**ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR**  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME :

**PROPOSED REHABILITATION OF  
RCYC COMPLEX**

LOCATION :

**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT :  
**RENOVATION OF COMFORT ROOMS AND  
SANITARY SYSTEM OF RCYC  
-MASTER SITE DEVELOPMENT PLAN  
(MSDP)**

APPROVED BY

**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY

**ENRIQUE H. GASCON JR.**  
DIR III | ARD for Administration

CHECKED BY

**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

**AR. GLYXTER N. RUDIO**  
ARCHITECT - AD/BGMS

PROJECT/TA No:

**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:

**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

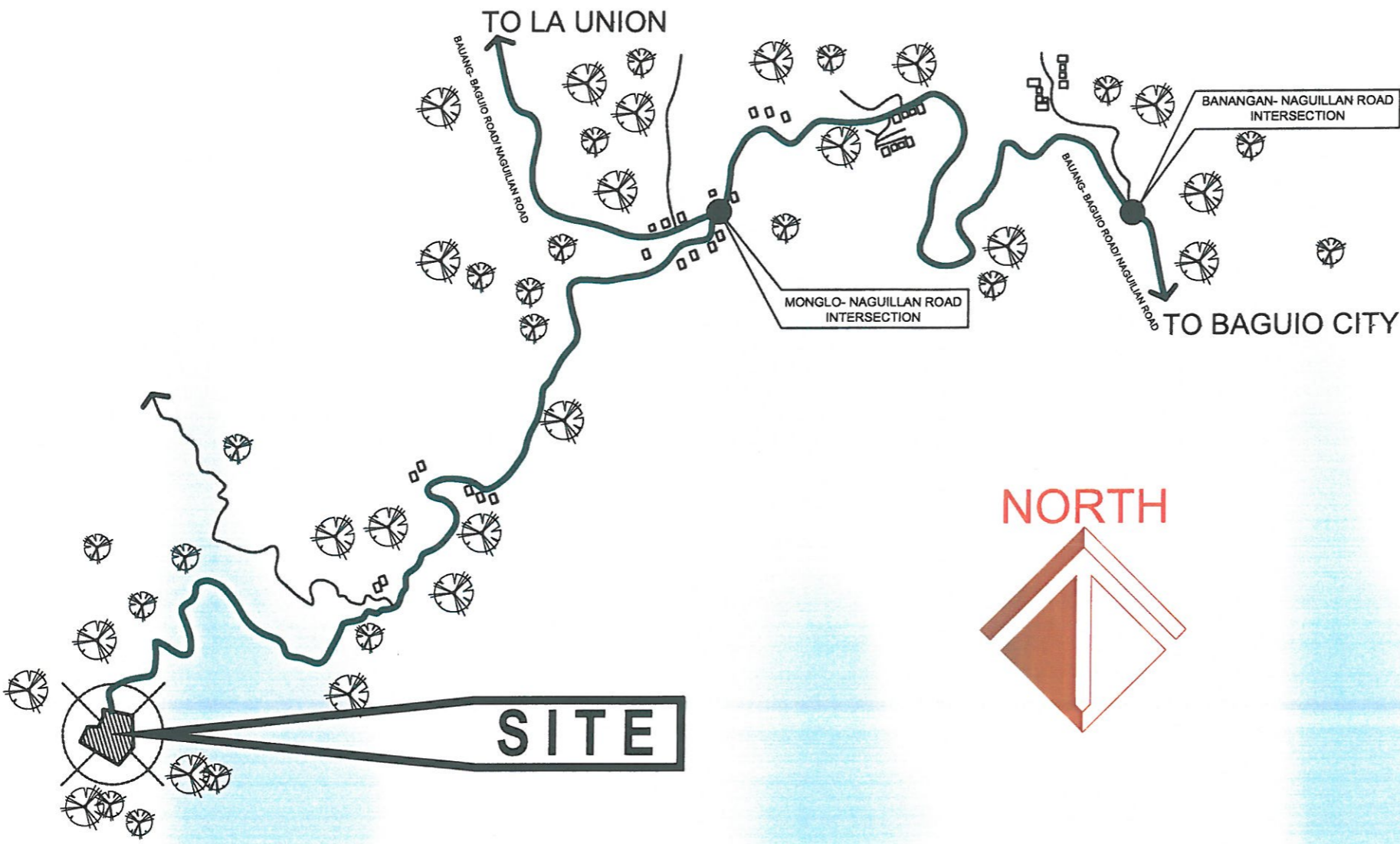
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>AR</b>	<b>01/07</b>	<b>A3</b>

- NOTES**
1. DSWD- CAR MUST BE NOTIFIED AT LEAST ONE WEEK BEFORE CONSTRUCTION ACTIVITY BEGINS. A PRE- CONSTRUCTION MEETING ON- SITE WITH DSWD- CAR IS REQUIRED BEFORE ANY CONSTRUCTION STARTS.
  2. USE OF FIRST CLASS QUALITY MATERIALS/ OR PRODUCTS FOR ALL ARCHITECTURAL WORKS APPROVED AND ACCEPTABLE TO THE DSWD-CAR. PRIOR TO EXECUTION/ INSTALLATION, SUBMIT SAMPLE FOR APPROVAL.
  3. ALL LAYOUT SHOULD BE APPROVED BY DSWD-CAR PRIOR TO EXECUTION/ INSTALLATION.
  4. VERIFY EXISTING/ ACTUAL CONDITION PRIOR TO EXECUTION AND INFORM THE DSWD-CAR IN ANY DISCREPANCIES NOTED IN THE PLANS AND ACTUAL CONDITION.
  5. EVERY DIMENSION SHALL BE ADJUSTED TO EXISTING/ACTUAL CONDITION WITH THE APPROVAL OF THE DSWD-CAR.
  6. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL/ ENGINEERING DRAWINGS, ANY DISCREPANCY NOTED SHOULD IMMEDIATELY BE BROUGHT TO THE NOTICE OF DSWD-CAR PRIOR TO EXECUTION.
  7. ALL DRAWINGS ARE IN MILLIMETERS.



**MASTER SITE DEVELOPMENT BUILDING**  
SCALE: 1/AR 01 NTS





- NOTES**
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**ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR**  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

**PROJECT NAME :**  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

**LOCATION :**  
**PAYDA BAYABAS, SABLAN, BENGUET**

**SHEET CONTENT :**  
**RENOVATION OF COMFORT ROOMS AND SANITARY SYSTEM OF RRCY -MASTER SITE DEVELOPMENT PLANT (MSDP)**

**APPROVED BY**  
*(Signature)*  
**LEO L. QUINTILLA**  
Regional Director

**CONFORMED BY**  
*(Signature)*  
**ENRIQUE H. GASCON JR.**  
DIR III/ AD for Administration

**CHECKED BY**  
*(Signature)*  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

**PREPARED/DESIGNED BY**  
*(Signature)*  
**AR. GUYTON N. RUIO**  
ARCHITECT I- AD/BGMS

**PROJECT/TA No:**  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

**DATE SUBMITTED:**  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
AR	02/07	A3

**LOCATION MAP**  
SCALE: 1:NTS

ARCHITECTURAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - BOLLINETE







PROJECT NAME:  
PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION:  
RENOVATION OF COMFORT ROOMS AND  
SANITARY SYSTEM OF RRCY  
- MASTER SITE DEVELOPMENT, BANGUET  
(MSDP)

SHEET CONTENT:

APPROVED BY  
*[Signature]*  
LEO L. QUINTILLA  
Regional Director

CONFORMED BY  
*[Signature]*  
ENRIQUE H. GASCON JR.  
DIR III - Adm for Administration

CHECKED BY  
*[Signature]*  
RONILO R. FLORES  
OIC CHIEF - ADMINISTRATIVE DIVISION

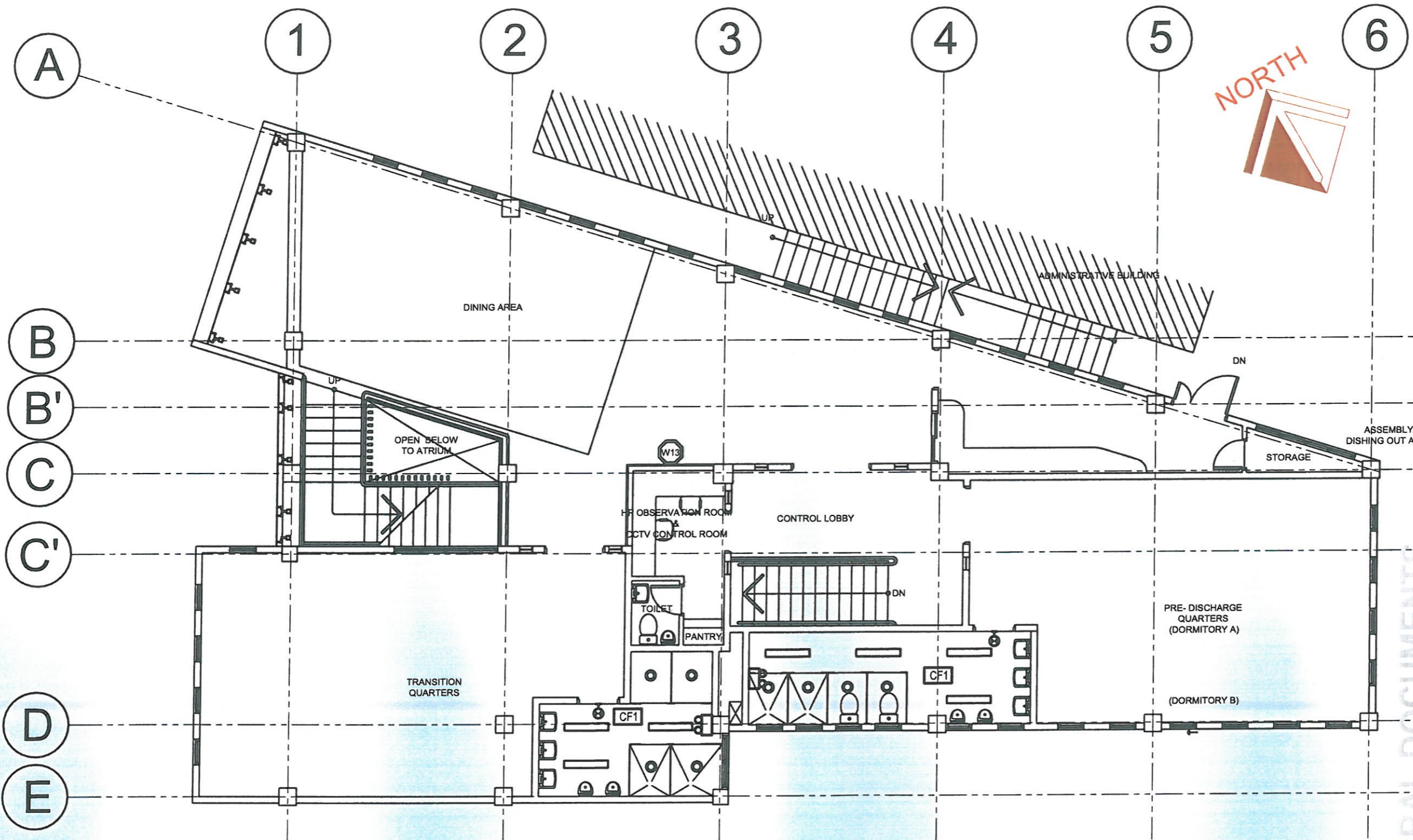
PREPARED/DESIGNED BY  
*[Signature]*  
AR. GLYXTER N. RUJO  
ARCHITECT I - AD/BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:  
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
AR	04/07	A3



# RRCY DORMITORY BUILDING

LIGHTING/OTHER FIXTURES		CEILING FINISHES
	WALL LIGHT- WALL MOUNTED (EXTERIOR)	CF1 - 200MM PVC CEILING PANELS WITH COMPLETE ACCESSORIES ON LIGHT STEEL FRAMING SYSTEM. FOLLOW CEILING PATTERN.
	PENDANT LIGHTING	CF2 - 6MM THICK FIBER CEMENT BOARD ON LIGHT STEEL FRAMING SYSTEM. PLANT MIXED ANTI-BACTERIAL ODORLESS PAINTED FINISH.
	LED FLAT LIGHTING FIXTURE	CF3 - 4.5MM THICK FIBER CEMENT BOARD ON LIGHT STEEL FRAMING SYSTEM PLAN MIXED ANTI-BACTERIAL ODORLESS PAINTED FINISH.
	COVE LIGHTING	CF4 - 600MM X 600MM FIRE RATED FIBER MINERAL ACOUSTIC BOARD WHITE FINISH TEE RUNNERS FRAMING SYSTEM.
	CLOSED CIRCUIT TELEVISION (CCTV) CAMERA (TAP TO CCTV OFFICE/ ADMINISTRATIVE OFFICE)	
	RECESSED CEILING EXHAUST FAN	
	SMOKE DETECTOR	
	EMERGENCY LIGHT	
	WALL EXIT LIGHT	

**1**  
AR 04 SCALE  
**SECOND FLOOR REFLECTED CEILING PLAN (RCP)**  
NTS



PROJECT NAME:

**PROPOSED REHABILITATION OF  
RRCY COMPLEX**

LOCATION:

**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS AND  
SANITARY SYSTEM OF RRCY  
-MASTER SITE DEVELOPMENT PLAN  
(MSDP)**

APPROVED BY

**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY

**ENRIQUE H. GASCON JR.**  
DIR III / Adm. Administration

CHECKED BY

**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

**AR. GLYXTER N. RUIO**  
ARCHITECT - AD/BGMS

PROJECT/TA No:

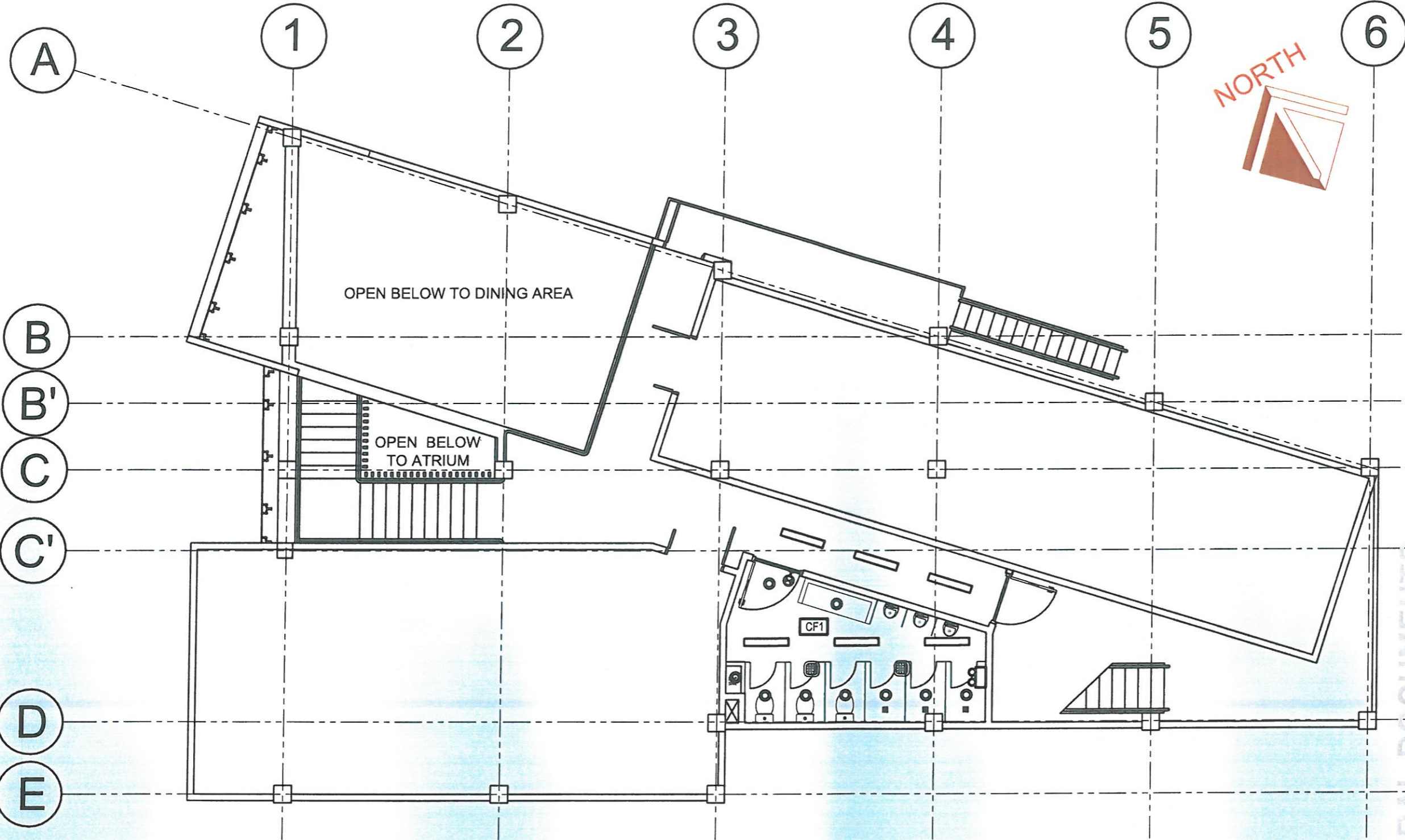
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:

**30 JUNE 2023**




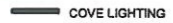





DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>AR</b>	<b>05/07</b>	<b>A3</b>



# RRCY DORMITORY BUILDING

## LIGHTING/OTHER FIXTURES

-  WALL LIGHT- WALL MOUNTED (EXTERIOR)
-  PENDANT LIGHTING
-  LED FLAT LIGHTING FIXTURE
-  COVE LIGHTING
-  CLOSED CIRCUIT TELEVISION (CCTV) CAMERA (TAP TO CCTV OFFICE/ ADMINISTRATIVE OFFICE)
-  RECESSED CEILING EXHAUST FAN
-  SMOKE DETECTOR
-  EMERGENCY LIGHT
-  WALL EXIT LIGHT

## CEILING FINISHES

- CF1 - 200MM PVC CEILING PANELS WITH COMPLETE ACCESSORIES ON LIGHT STEEL FRAMING SYSTEM. FOLLOW CEILING PATTERN.
- CF2 - 6MM THICK FIBER CEMENT BOARD ON LIGHT STEEL FRAMING SYSTEM. PLANT MIXED ANTI-BACTERIAL ODORLESS PAINTED FINISH.
- CF3 - 4.5MM THICK FIBER CEMENT BOARD ON LIGHT STEEL FRAMING SYSTEM PLAN MIXED ANTI-BACTERIAL ODORLESS PAINTED FINISH.
- CF4 - 600MM X 600MM FIRE RATED FIBER MINERAL ACOUSTIC BOARD WHITE FINISH TEE RUNNERS FRAMING SYSTEM.

**1**  
**AR/04** THIRD FLOOR REFLECTED CEILING PLAN (RCP)  
SCALE NTS

ARCHITECTURAL DOCUMENTS ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - 30 JUNE 2023

PROJECT NAME :

PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION :

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :  
RENOVATION OF COMFORT ROOMS AND  
SANITARY SYSTEM OF RRCY  
-MASTER SITE DEVELOPMENT PLANT  
(MSDP)

APPROVED BY

LEO L. QUINTILLA  
Regional Director

CONFORMED BY

ENRIQUE H. GASCON JR.  
DIR III/ ARD for Administration

CHECKED BY

RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

AR. GLYXTER N. RUIO  
ARCHITECT/ AD/BGMS

PROJECT/TA No:

CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:

30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

AR 06/07 A3

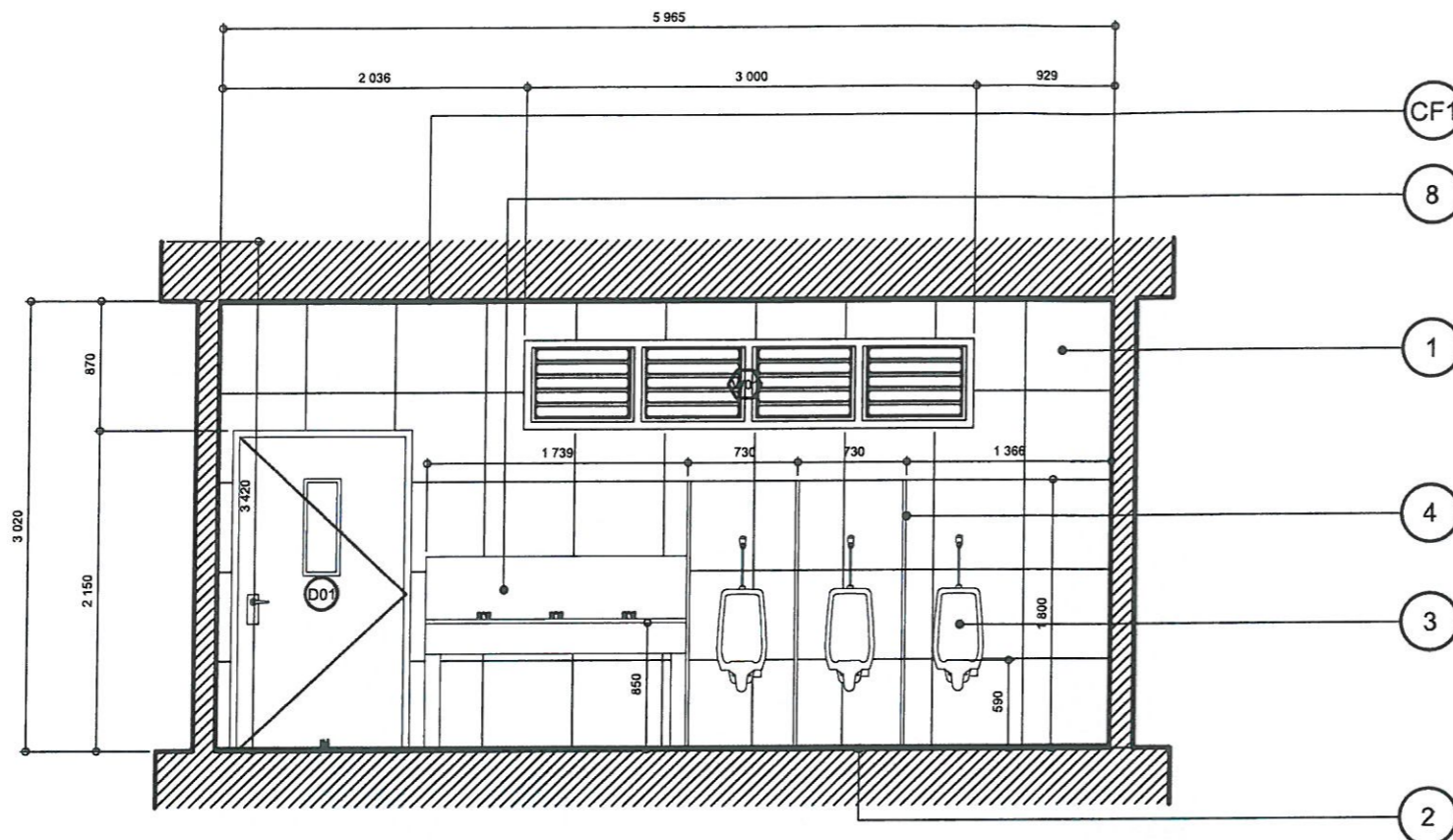
CEILING FINISHES

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- CF2 - 6MM THICK FIBER CEMENT BOARD ON LIGHT STEEL FRAMING SYSTEM. PLANT MIXED ANTI-BACTERIAL ODORLESS PAINTED FINISH.
- CF3 - 4.5MM THICK FIBER CEMENT BOARD ON LIGHT STEEL FRAMING SYSTEM PLAN MIXED ANTI-BACTERIAL ODORLESS PAINTED FINISH.
- CF4 - 600MM X 600MM FIRE RATED FIBER MINERAL ACOUSTIC BOARD WHITE FINISH TEE RUNNERS FRAMING SYSTEM.

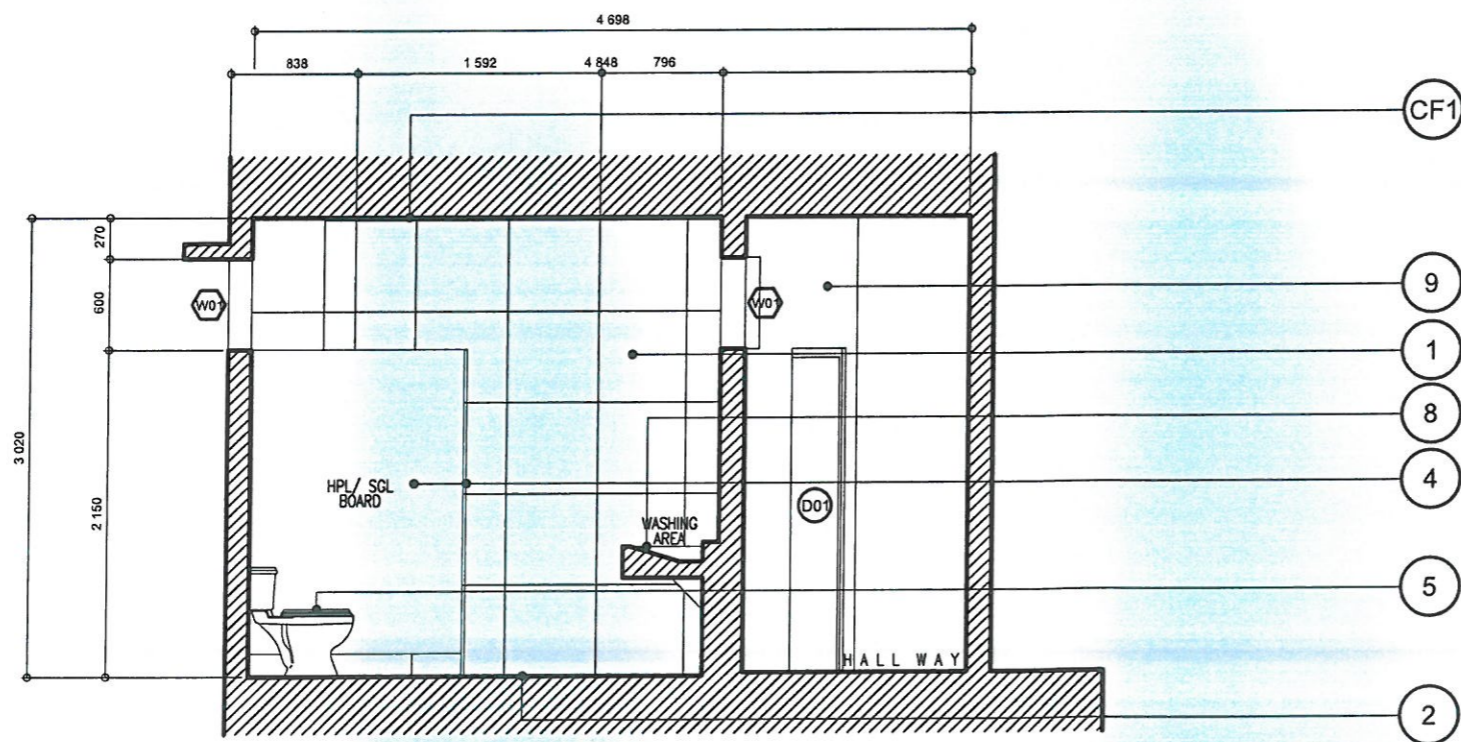
- 1 600mm X 600mm WALL CERAMIC TILES
- 2 600mm X 600mm NON SKID FLOOR CERAMIC TILES
- 3 WALL HUNG URINAL WITH COMPLETE FITTINGS AND ACCESSORIES BY APPROVED MANUFACTURER
- 4 SOLID GRADE LAMINATE (SGL) DIVIDER AND DOOR WITH COMPLETE ACCESSORIES
- 5 ROUND FRONT WATER CLOSET (PUSH-BUTTON TANK FITTINGS) WATER SAVER WITH COMPLETE FITTINGS AND ACCESSORIES BY APPROVED MANUFACTURER
- 6 BRASS FLOOR DRAIN (TYPICAL) COORDINATE WITH SANITARY/PLUMBING PLAN
- 7 ALUMINUM ANTI SLIP THRESHOLD
- 8 GRANITE SLAB (WASHING AREA)
- 9 ANTI-BACTERIAL ODORLESS PAINT FINISH FOR ALL TOILET WALLS WITHOUT WALL TILES. APPLY AS PER PRODUCT PAINT APPLICATION INSTRUCTIONS. USE FIRST CLASS PAINT PRODUCTS.

NOTES :

- DSWD- CAR MUST BE NOTIFIED AT LEAST ONE WEEK BEFORE CONSTRUCTION ACTIVITY BEGINS. A PRE- CONSTRUCTION MEETING ON- SITE WITH DSWD- CAR IS REQUIRED BEFORE ANY CONSTRUCTION STARTS.
- USE OF FIRST CLASS QUALITY MATERIALS/ OR PRODUCTS FOR ALL ARCHITECTURAL WORKS APPROVED AND ACCEPTABLE TO THE DSWD-CAR. PRIOR TO EXECUTION/ INSTALLATION, SUBMIT SAMPLE FOR APPROVAL.
- ALL LAYOUT SHOULD BE APPROVED BY DSWD-CAR PRIOR TO EXECUTION/ INSTALLATION.
- VERIFY EXISTING/ ACTUAL CONDITION PRIOR TO EXECUTION AND INFORM THE DSWD-CAR IN ANY DISCREPANCIES NOTED IN THE PLANS AND ACTUAL CONDITION. EVERY DIMENSION SHALL BE ADJUSTED TO EXISTING/ACTUAL CONDITION WITH THE APPROVAL OF THE DSWD-CAR.
- THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL/ ENGINEERING DRAWINGS, ANY DISCREPANCY NOTED SHOULD IMMEDIATELY BE BROUGHT TO THE NOTICE OF DSWD-CAR PRIOR TO EXECUTION.
- ALL DRAWINGS ARE IN MILLIMETERS.



1 LONGITUDINAL SECTION  
SCALE NTS



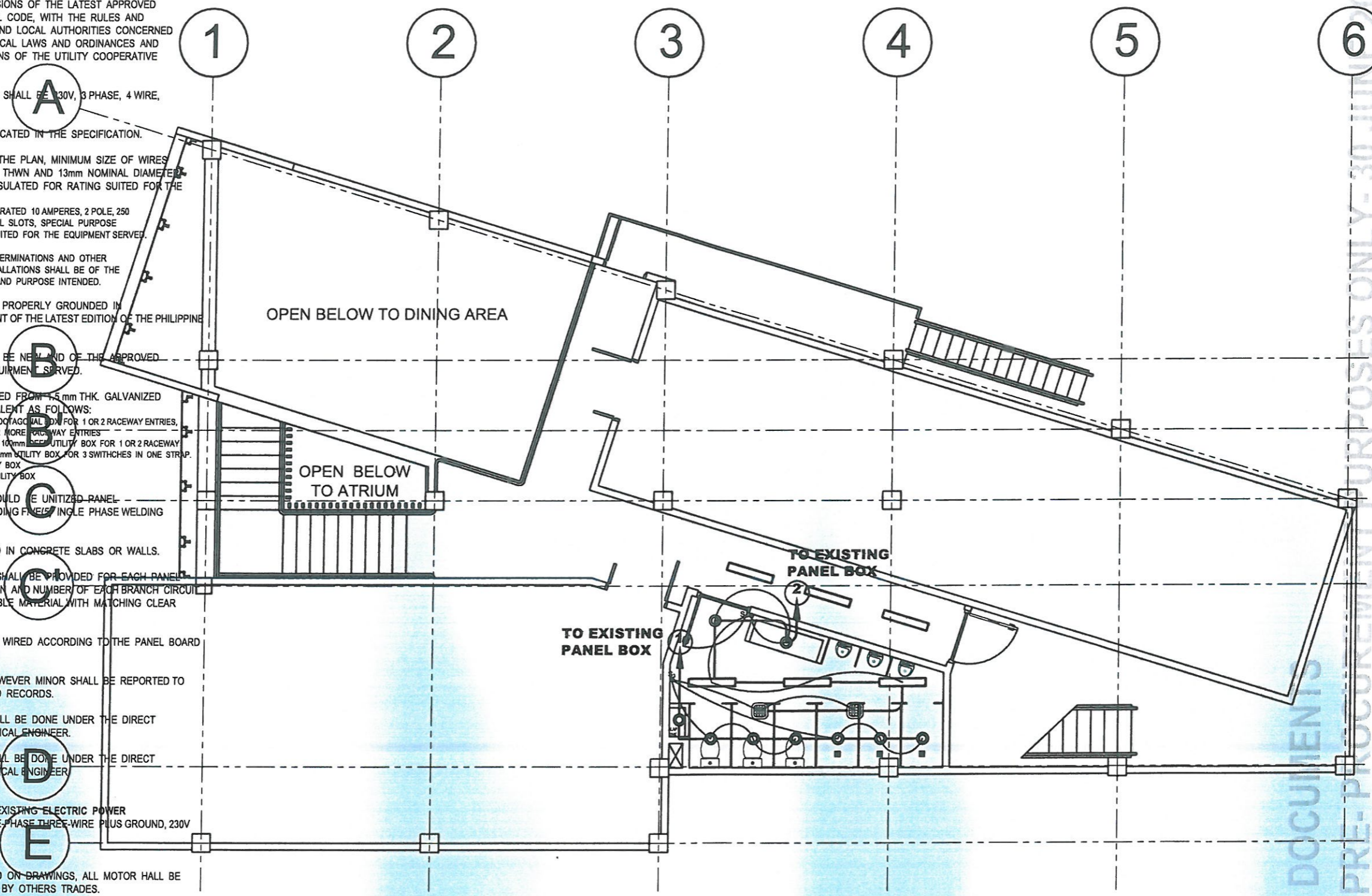
2 CROSS SECTION  
SCALE NTS

RRCY DORMITORY BUILDING



# ELECTRICAL NOTES:

- ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST APPROVED EDITION OF 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 REGULATIONS OF THE UTILITY COOPERATIVE CONCERNED.
- POWER SERVICE TO THE BUILDING SHALL BE 130V, 3 PHASE, 4 WIRE, 60 HERTZ SYSTEM.
- WIRING METHOD SHALL BE AS INDICATED IN THE SPECIFICATION.
- UNLESS OTHERWISE SPECIFIED IN THE PLAN, MINIMUM SIZE OF WIRES AND CONDUITS SHALL BE #3.5mm 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 THE TYPE RATING SUITED FOR THE EQUIPMENT SERVED.
- ALL ACCESSORIES, SPLICING DEVICES, TERMINATIONS AND OTHER APPURTENANCES FOR THE ENTIRE INSTALLATIONS SHALL BE OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
- ALL ELECTRICAL EQUIPMENT SHALL PROPERLY GROUND IN ACCORDANCE WITH THE REQUIREMENT OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
- ALL MATERIALS TO BE USED SHALL BE NEW AND OF THE APPROVED TYPE FOR BOTH LOCATION AND EQUIPMENT SERVED.
- OUTLET BOXES SHALL BE FABRICATED FROM 1.5mm THK. GALVANIZED IRON SHEET OR PVC BOXES EQUIVALENT AS FOLLOWS:
  - a. CEILING LIGHT OUTLETS - 40mm DEEP, 100mm OCTAGONAL BOX FOR 1 OR 2 RACEWAY ENTRIES, 55mm DEEP, 100mm OCTAGONAL BOX FOR 3 OR MORE RACEWAY ENTRIES
  - b. 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.
  - c. CONVENIENCE OUTLETS - 55mm DEEP UTILITY BOX
  - d. TELEPHONE AND TV OUTLETS - 55mm DEEP UTILITY BOX
- MCC - MOTOR CONTROL CENTER SHOULD BE UNITIZED PANEL FOR ALL 440 VOLTS EQUIPMENT INCLUDING SINGLE PHASE WELDING MACHINES.
- PVC CONDUITS SHALL BE EMBEDDED IN CONCRETE SLABS OR WALLS.
- A REMOVABLE CIRCUIT DIRECTORY SHALL BE PROVIDED FOR EACH PANEL BOARD FOR FIELD MARKINGS OF FUNCTION AND NUMBER OF EACH BRANCH CIRCUIT. ALL DIRECTORIES SHALL BE OF INCORRODIBLE MATERIAL WITH MATCHING CLEAR PLASTIC HOLDER OR JACKET.
- ALL ELECTRICAL CIRCUITS SHALL BE WIRED ACCORDING TO THE PANEL BOARD LOAD SCHEDULE.
- ANY ALTERATION IN THE DESIGN HOWEVER MINOR SHALL BE REPORTED TO THE DESIGN ENGINEER FOR APPROVAL AND RECORDS.
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
  - A. SERVICES: POWER SUPPLY COMING FROM THE EXISTING ELECTRIC POWER DISTRIBUTION SYSTEM SHALL BE THREE-PHASE THREE-WIRE PLUS GROUND, 230V AC, 60HZ.
  - B. POWER SYSTEMS:
    - UNLESS OTHERWISE INDICATED ON DRAWINGS, ALL MOTOR SHALL BE FURNISHED, SET UP AND SECURE IN PLACE BY OTHERS TRADES.
    - UNLESS OTHERWISE INDICATED ON DRAWINGS, THE ELECTRICAL CONTRACTOR SHALL DO ALL WIRING FOR POWER, INCLUDING THE CONNECTION UP TO THE MOTORS AND SUCH AS LINE SWITCHES, MOTOR STARTERS, SPEED REGULATORS, CIRCUIT BREAKERS, COMPENSATORS OR ANY OTHER APPLIANCES THAT MAY BE FURNISHED WITH THE MOTORS. HE SHALL ALSO HAVE THERE THE PRESENCE OF HIS REPRESENTATIVE WHEN THE MOTORS ARE FIRST STARTED BY THE TRADE FURNISHING IT IN ORDER TO DETERMINE IF CORRECTLY DONE.
  - C. POWER AND LIGHTING DISTRIBUTION SYSTEM:
    - FURNISHED AND INSTALL THE LIGHTING RECEPTACLES AND POWER PANELS AS INDICATED ON PLANS AND PANEL BOARD SCHEDULES.
    - FROM THE MAIN BREAKER, INSTALL FEEDERS TO THE VARIOUS OUTLYING PANELS, MOTORS OR EQUIPMENT AS SHOWN ON THE PLANS. FEEDERS SHALL BE UNDERGROUND IN REINFORCED CONCRETE ENCASMENT UNLESS OTHERWISE NOTED.



## LEGENDS

- 18W SQUARE TYPE LED SURFACE MOUNTED 220V LIGHT POST
- PENDANT TYPE DUST PROOF 1-T8 18W DAYLIGHT, 220V DAYLIGHT LIGHTING FIXTURE WITH DIFFUSER
- VERTICAL DOWNLIGHT SURFACE MOUNTED TYPE 150MM Ø WHITE, 220V WITH 9W LED BULB DAYLIGHT LIGHTING FIXTURE WITH DIFFUSER
- SINGLE POLE SWITCH
- DUPLEX (2 SINGLE POLE SWITCHES IN ONE SWITCH PLATE
- TRIPLEX (3 SINGLE POLE SWITCHES IN ONE SWITCH PLATE
- WEATHERPROOF OUTLET
- CIRCUIT HOMERUN
- SWITCH LINE
- LIGHTING LINE/ POWER LINE



**ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR**  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF  
RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS  
AND SANITARY SYSTEM OF RRCY  
-STRUCTURAL NOTES**

APPROVED BY  
  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
  
**ENRIQUE H. GASCON JR.**  
DIR III / AEP for Administration

CHECKED BY  
  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
  
**AR. GUYXTER N. RUIO**  
ARCHITECT- AB/BGMS

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-2021S-S**

DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>EL</b>	<b>01/04</b>	<b>A3</b>

**1**  
EL 01 **THIRD FLOOR LIGHTING LAYOUT**  
SCALE NTS



PROJECT NAME:  
**PROPOSED REHABILITATION OF  
RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

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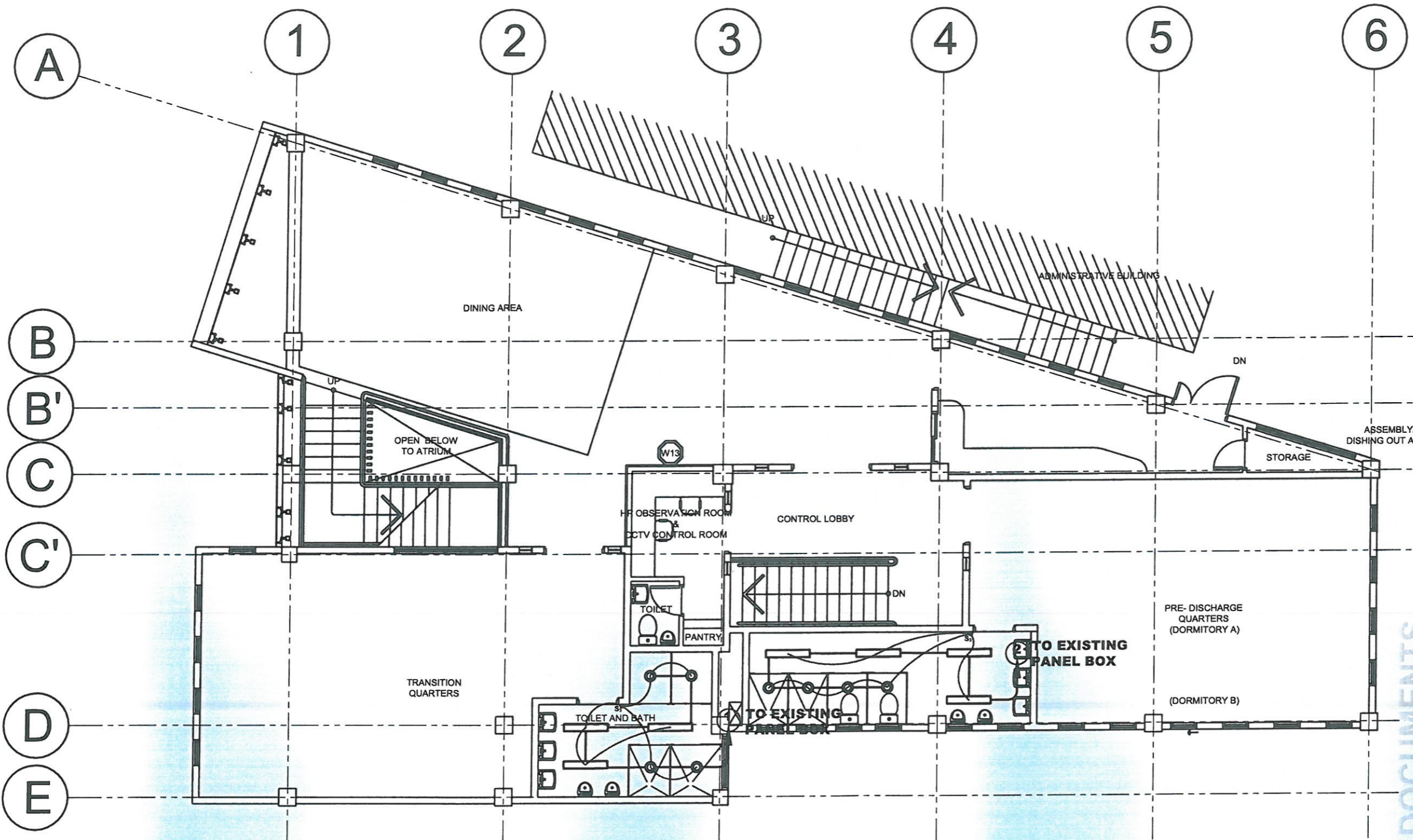
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DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **EL** SHEET NUMBER: **02/04** PAPER SIZE: **A3**

ELECTRICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - 30 JUNE 2023



**LEGENDS**

-  18W SQUARE TYPE LED SURFACE MOUNTED 220V LIGHT POST
-  PENDANT TYPE DUST PROOF 1-1.8W DAYLIGHT, 220V DAYLIGHT LIGHTING FIXTURE WITH DIFFUSER
-  VERTICAL DOWNLIGHT SURFACE MOUNTED TYPE 150MM Ø WHITE, 220V WITH 9W LED BULB DAYLIGHT LIGHTING FIXTURE WITH DIFFUSER
- S<sub>1</sub>** SINGLE POLE SWITCH
- S<sub>2</sub>** DUPLEX (2 SINGLE POLE SWITCHES IN ONE SWITCH PLATE)
- S<sub>3</sub>** TRIPLEX (3 SINGLE POLE SWITCHES IN ONE SWITCH PLATE)
-  WP WEATHERPROOF OUTLET
-  **2** CIRCUIT HOMERUN
-  SWITCH LINE
-  LIGHTING LINE/POWER LINE

# RRCY DORMITORY BUILDING

**1**  
EL 02 SCALE NTS  
SECOND FLOOR LIGHTING LAYOUT

PROJECT NAME:

**PROPOSED REHABILITATION OF  
RRCY COMPLEX**

LOCATION:

**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS  
AND SANITARY SYSTEM OF RRCY  
-STRUCTURAL NOTES**

APPROVED BY

*Leo L. Quintilla*  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY

*Enrique H. Gascon Jr.*  
**ENRIQUE H. GASCON JR.**  
DIR III / AD for Administration

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*Ronilo R. Flores*  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

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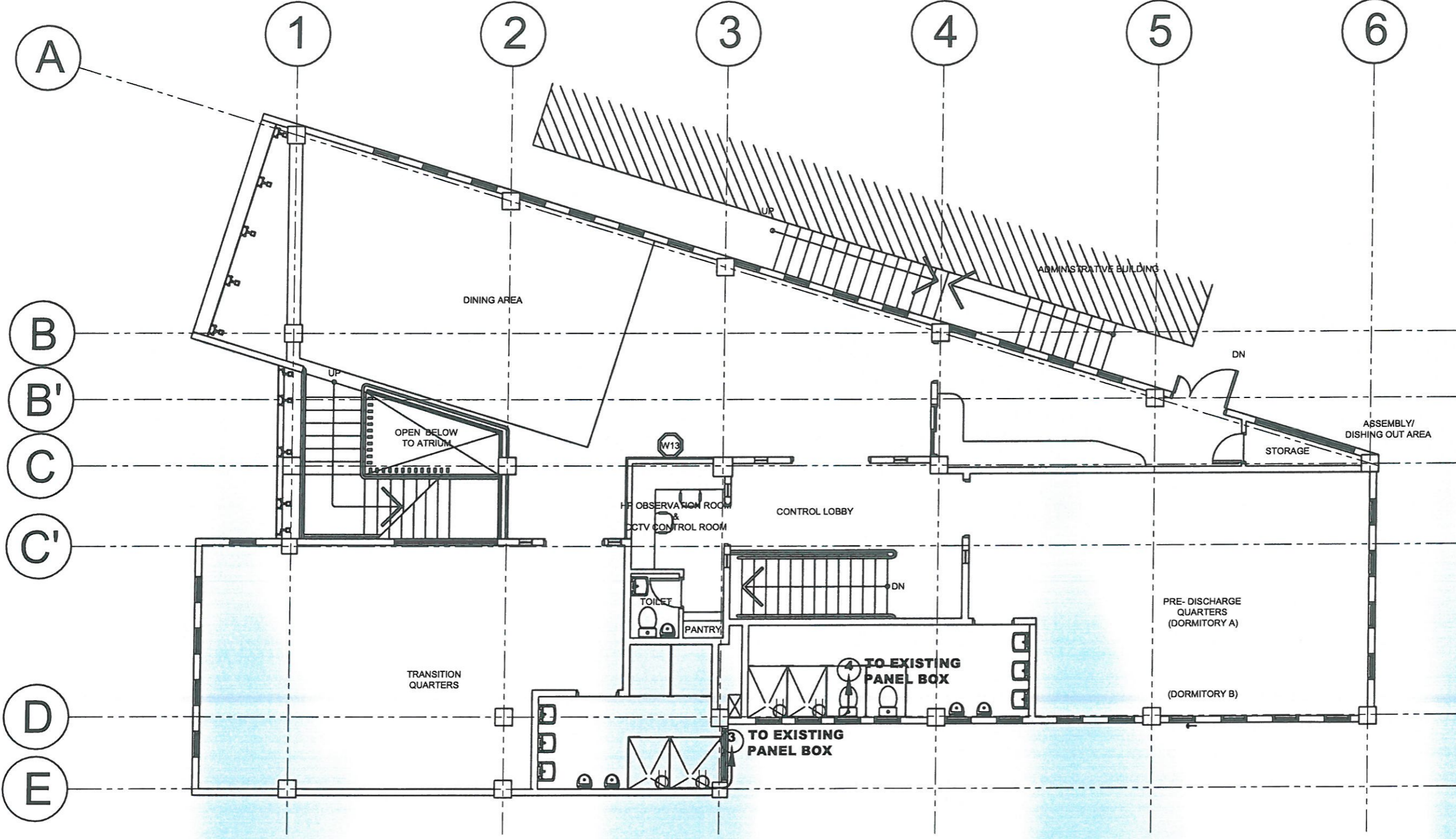
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DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>EL</b>	<b>03/04</b>	<b>A3</b>



# RRCY DORMITORY BUILDING

**1**  
EL 01 SCALE NTS  
**SECOND FLOOR POWER LAYOUT**





PROJECT NAME:  
**PROPOSED REHABILITATION OF  
RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS  
AND SANITARY SYSTEM OF RRCY  
-STRUCTURAL NOTES**

APPROVED BY  
  
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Regional Director

CONFORMED BY  
  
**ENRIQUE H. GASCON JR.**  
DIR III / AR for Administration

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OIC CHIEF - ADMINISTRATIVE DIVISION

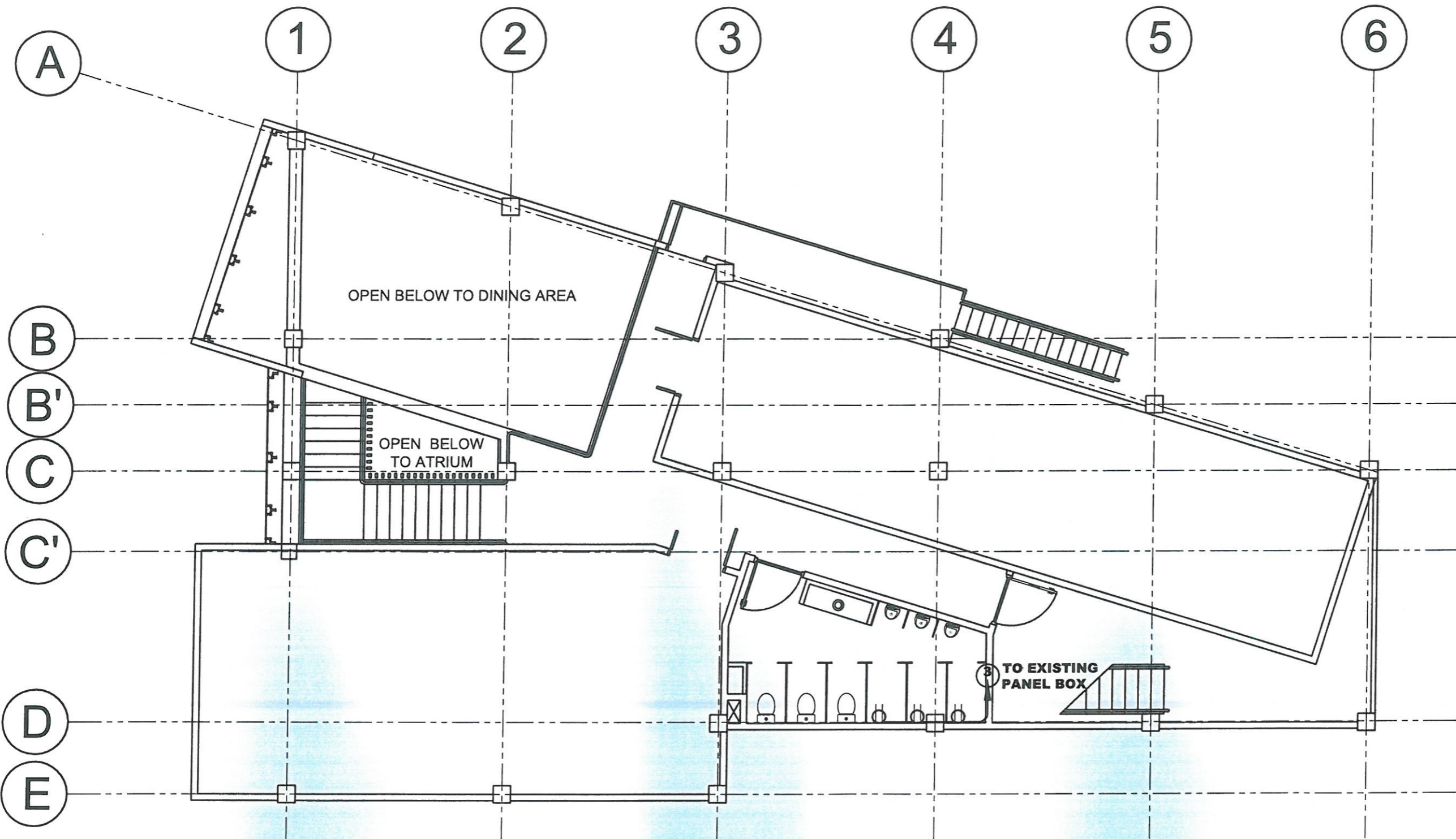
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ARCHITECT - AP/BGMS

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DATE SUBMITTED:  
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DATE	DESCRIPTION/REMARKS	BY

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<b>EL</b>	<b>04/04</b>	<b>A3</b>



# RRCY DORMITORY BUILDING

**1** THIRD FLOOR POWER LAYOUT  
SCALE: NTS

**GENERAL NOTES**

- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE TO THE REQUIREMENTS OF THE PHILIPPINE PLUMBING CODE.
- COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
- THE PLUMBING LAYOUT IS ONLY DIAGRAMMATIC. PIPES CLEANOUTS AND CHECK VALVES SHALL BE CONCEALED.
- ALL SLOPE OF HORIZONTAL BRANCHES (SEWER) MAINTAIN 1% A MINIMUM, UNLESS NOTED OTHERWISE.
- AIR CHAMBER : ALL INDIVIDUAL BRANCHES TO FIXTURE OR GROUP OF FIXTURES AND/OR EQUIPMENT SHALL BE PROVIDED WITH AIR CHAMBER OF CAPPED VERTICAL PIPE EXTENSION OF DIMENSION AS SHOWN IN THE DETAIL.
- ALL FLOOR DRAIN SHALL BE VENTED INDIVIDUALLY.
- ALL CLEANOUTS SHALL BE FLUSH-MOUNTED TO WALL. DO NOT INSTALL FLOOR CLEANOUT EXCEPT AT LINES ON GRADE & SERVICE AREAS NOT SUBJECT TO TRAFFIC.
- ALL BRANCHES OF FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE OF CAPPED VERTICAL EXTENSION PIPE.
- ALL UNDERGROUND GALVANIZED IRON (G.I.) INDIRECT CONTACT WITH SOIL SHALL BE PROVIDED WITH TWO(2) COATS OF TAR COVERING IN WRAPPED WITH JUTE CLOTH.
- ALL PVC PIPE SHALL BE OF APPROVED QUALITY AND POLYPROPYLENE PIPES FOR WATER DISTRIBUTION SHALL BE TYPE 20.
- ALL PLUMBING WORKS THEREIN, SHALL BE UNDER THE DIRECT SUPERVISION OF A REGISTERED MASTER PLUMBER AND OR A DULY LICENSED SANITARY ENGINEER.
- WATER METER SHOULD BE LOCATED OUTSIDE THE PROPERTY LINE.
- WATER SUPPLY FOR CISTERN AND SUPPLY LINE TO THE BUILDING MUST BE LOCATED ALONG PERIMETER FENCE 400m. HEIGHT ABOVE DRIVEWAY LEVEL WITH 3 LAYERS OF JUTE SACK AND BLACK COAL TAR.
- WATER LINE LAYOUT FOR WASHROOM TO SUPPLY UNITS.
- ALL WATER LINE SUPPLY FOR WASHROOMS SHALL NOT BE EMBEDDED IN SLAB, BLOCKS OUT SHALL BE PROVIDED FOR POSSIBLE DIRECTION OF PIPES.
- ALL FINAL LOCATION OF TOILET FIXTURES SHALL BE BASED ON THE MODULAR SETTING OF TILES.
- DOUBLE DRAINS FOR BATH TUBS.
- DOWEL FOR DOWNSPOUTS AND REINFORCEMENT 100mm DIA. @ 600mm STAGGERED.
- PVC CEMENT FOR JOINTS WITH EPOXY OUTSIDE BONDING.
- RISER SHOULD NOT CROSS MASTER'S BEDROOM OR OTHER MAIN AREAS.
- G.I. PIPE SHOULD BE PAINTED WITH RED LEAD OR BLACK COALTAR, IT SHOULD NOT BE EMBEDDED ON SLAB, SLEEVING OF PIPE IS REQUIRED ON BEAM. FOLLOW WATER LINE LAYOUT AS PER PLAN.

**LEGENDS:**

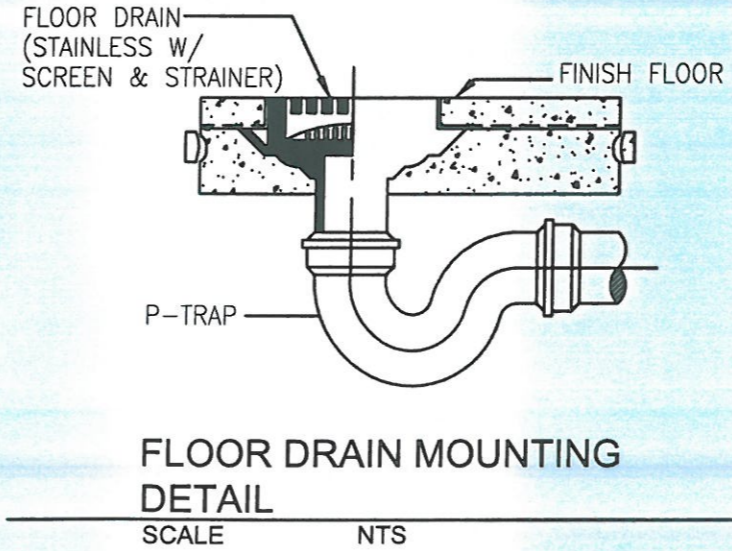
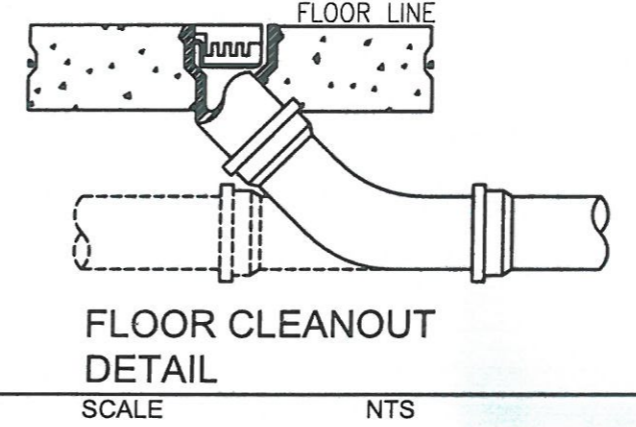
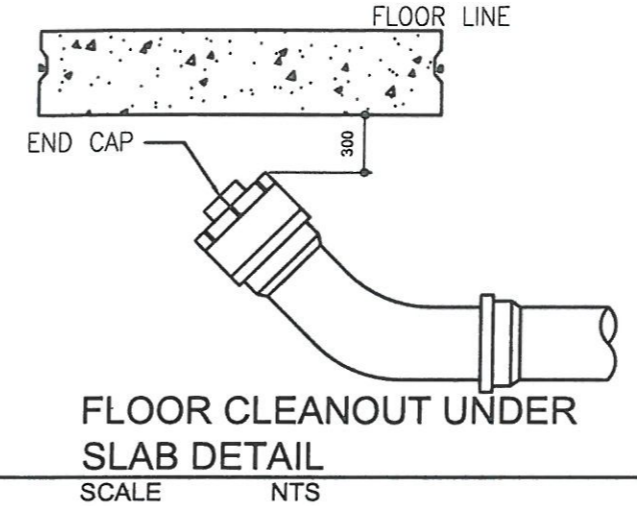
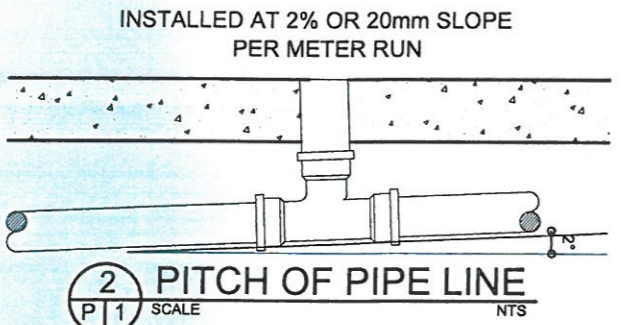
- GATE VALVE
- WATER METER
- CHECK VALVE
- WATER LINE
- WASTE PIPE
- DRAINAGE PIPE
- OI OIL INTERCEPTOR
- WP WATER PIPE
- HB HOSE BIBB
- KS KITCHEN SINK
- HVP HORIZONTAL VENT PIPE
- VTW VENT THRU WALL
- V WP VERTICAL WASTE PIPE
- VP VENT PIPE
- CO CLEAN OUT
- FD FLOOR DRAIN
- CB CATCH BASIN
- GT GREASE TRAP

**VENT & DOWNSPOUT**  
- 50 TO 150mm DIA. SHALL BE POLYVINYL CHLORIDE (PVC) PIPE

**DRAINAGE LINE**  
- 50 TO 150mm DIA. SHALL BE POLYVINYL (PVC) PIPE. SERIES 1000. MANUFACTURED ACCORDING TO ASTM 2729

**SEWER LINE**  
- 20 TO 150mm DIA. SHALL BE POLYVINYL CHLORIDE (PVC) PIPE. SDR- 35 MANUFACTURED ACCORDING TO ASTM 3034

**WATER LINE**  
- SHALL BE POLYPROPYLENE PIPES (PN20) "BOR PLUS", "UNITEC", OR "VESBO"



**RRCY DORMITORY, ADMIN & SKILLS DEVELOPMENT BUILDING**



**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS AND SANITARY SYSTEM OF RRCY -STRUCTURAL NOTES**

APPROVED BY  
  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
  
**ENRIQUE H. GASCON JR.**  
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PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

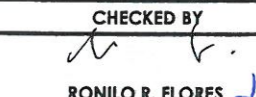

DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

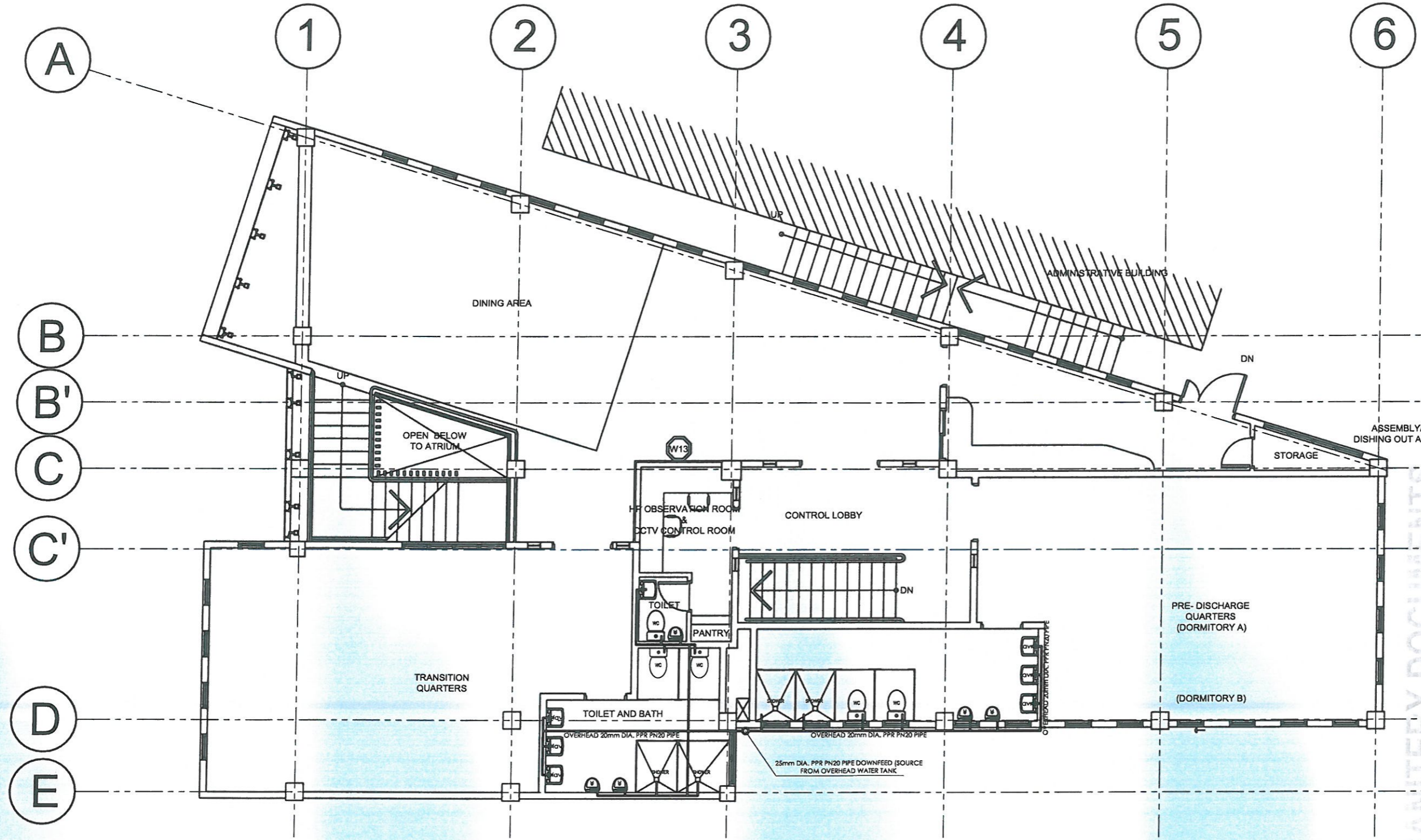
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SCALE NTS

PLAN CATEGORY: **PL** SHEET NUMBER: **01/07** PAPER SIZE: **A3**



PROJECT NAME:  
**PROPOSED REHABILITATION OF  
RRCY COMPLEX**LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS  
AND SANITARY SYSTEM OF RRCY  
-STRUCTURAL NOTES**APPROVED BY  
  
**LEO L. QUINTILLA**  
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**ENRIQUE A. GASCON JR.**  
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**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **PL** SHEET NUMBER: **02/07** PAPER SIZE: **A3**

# RRCY DORMITORY BUILDING

**1** SECOND FLOOR WATERLINE LAYOUT  
PL 01 SCALE NTS



PROJECT NAME:  
PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION:  
PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
RENOVATION OF COMFORT ROOMS  
AND SANITARY SYSTEM OF RRCY  
-STRUCTURAL NOTES

APPROVED BY

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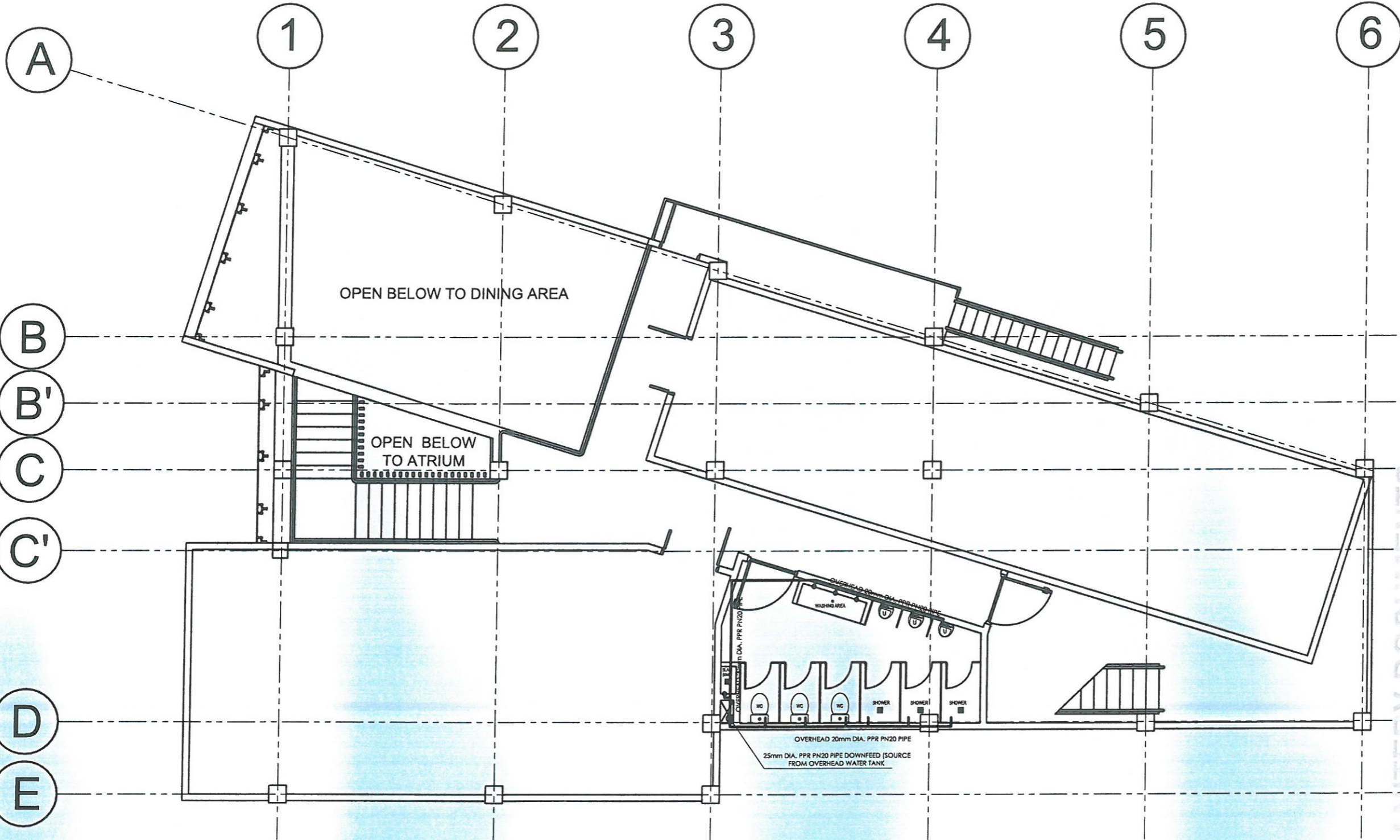
AR. GYXTER N. RUIO  
ARCHITECT - AD/BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:  
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
PL	03/07	A3



# RRCY DORMITORY BUILDING

1 PL 01 THIRD FLOOR WATERLINE LAYOUT  
SCALE NTS



**ADMINISTRATIVE DIVISION**  
 FIELD OFFICE CAR  
 DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:

PROPOSED REHABILITATION OF  
 RRCY COMPLEX

LOCATION:

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
 RENOVATION OF COMFORT ROOMS  
 AND SANITARY SYSTEM OF RRCY  
 -STRUCTURAL NOTES

APPROVED BY

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 LEO L. QUINTILLA  
 Regional Director

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 RONILLO R. FLORES  
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PREPARED/DESIGNED BY

*[Signature]*  
 AR. GLYXTER N. RUIO  
 ARCHITECT I - AD/BGMS

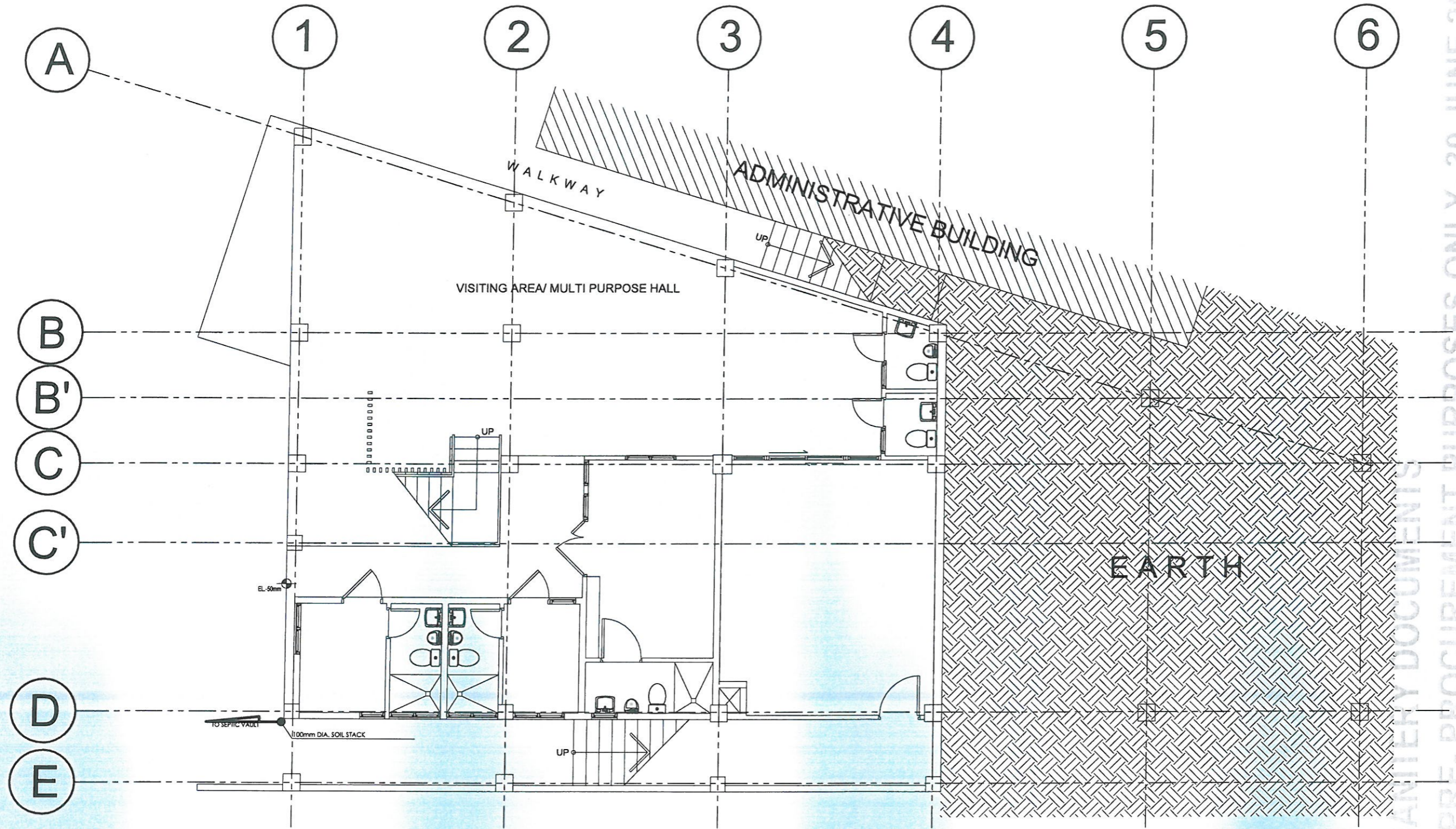
PROJECT/TA No:  
 CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:

30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>PL</b>	<b>04/07</b>	<b>A3</b>



# RRCY DORMITORY BUILDING

1 PL 01 SCALE NTS GROUND FLOOR WASTEWATER AND SEWER LINE LAYOUT





PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS AND SANITARY SYSTEM OF RRCY -STRUCTURAL NOTES**

APPROVED BY:  
  
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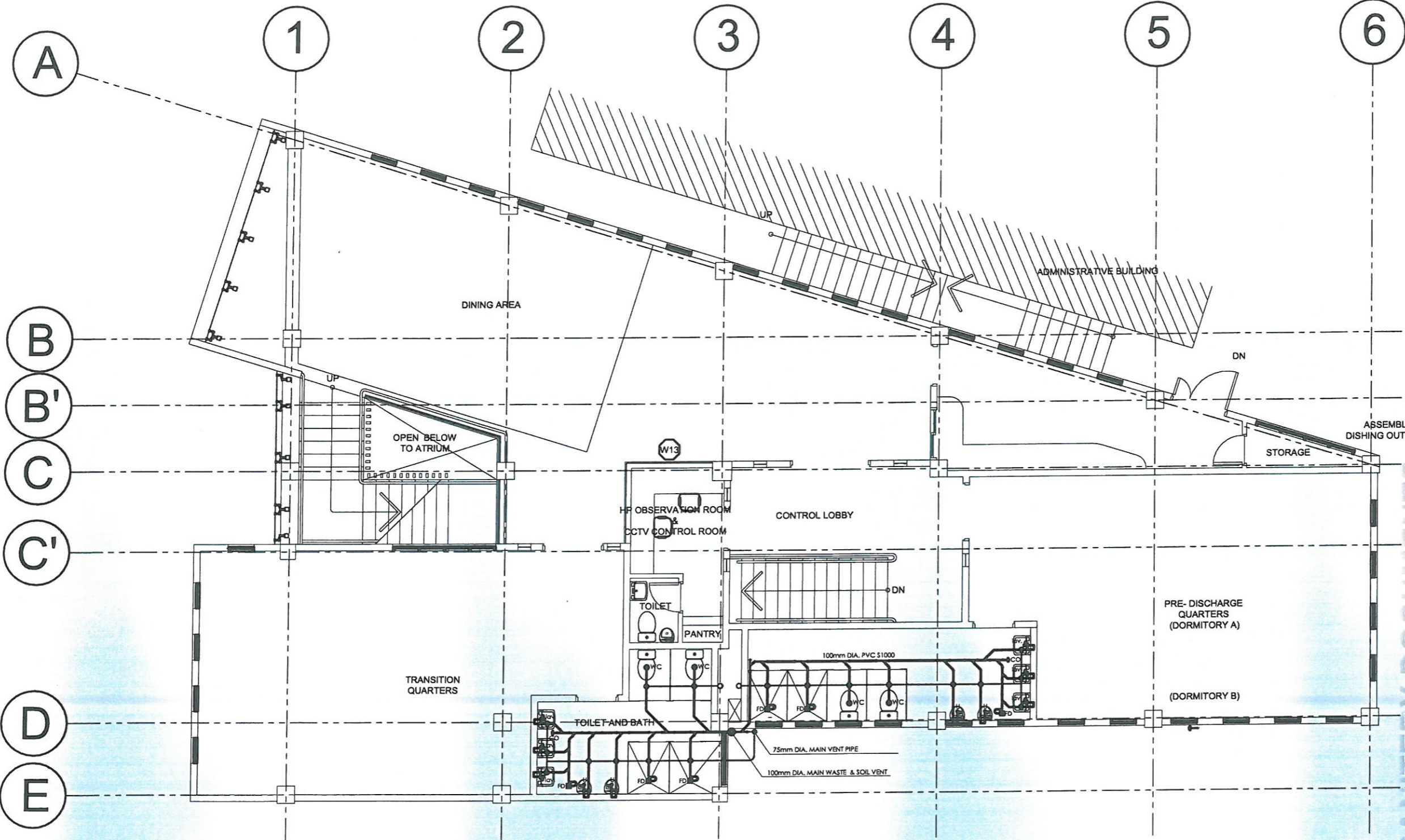
PREPARED/DESIGNED BY:  
  
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PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>PL</b>	<b>06/07</b>	<b>A3</b>



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# RRCY DORMITORY BUILDING

**1** SECOND FLOOR WASTEWATER AND SEWER LINE LAYOUT  
SCALE: NTS



PROJECT NAME:

PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION:

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
RENOVATION OF COMFORT ROOMS  
AND SANITARY SYSTEM OF RRCY  
-STRUCTURAL NOTES

APPROVED BY

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PROJECT/TA No:

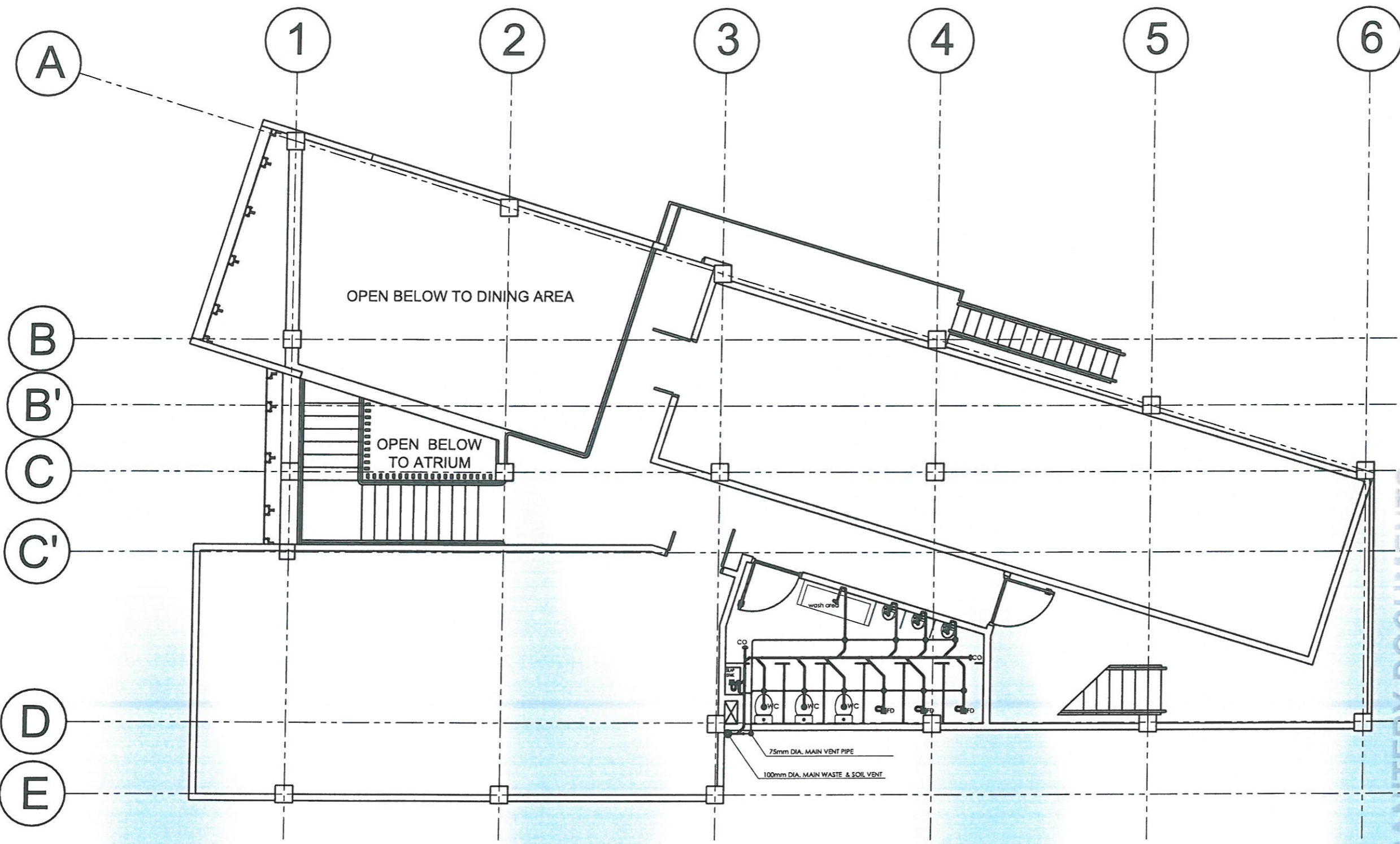
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:

30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
PL	07/07	A3



# RRCY DORMITORY BUILDING

**1** THIRD FLOOR WASTEWATER AND SEWER LINE LAYOUT  
PL 01 SCALE NTS





PROJECT NAME :

PROPOSED REHABILITATION OF  
 RRCY COMPLEX

LOCATION :

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :  
 RENOVATION OF COMFORT ROOMS  
 AND SANITARY SYSTEM OF RRCY  
 -STRUCTURAL NOTES

APPROVED BY

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CONFORMED BY

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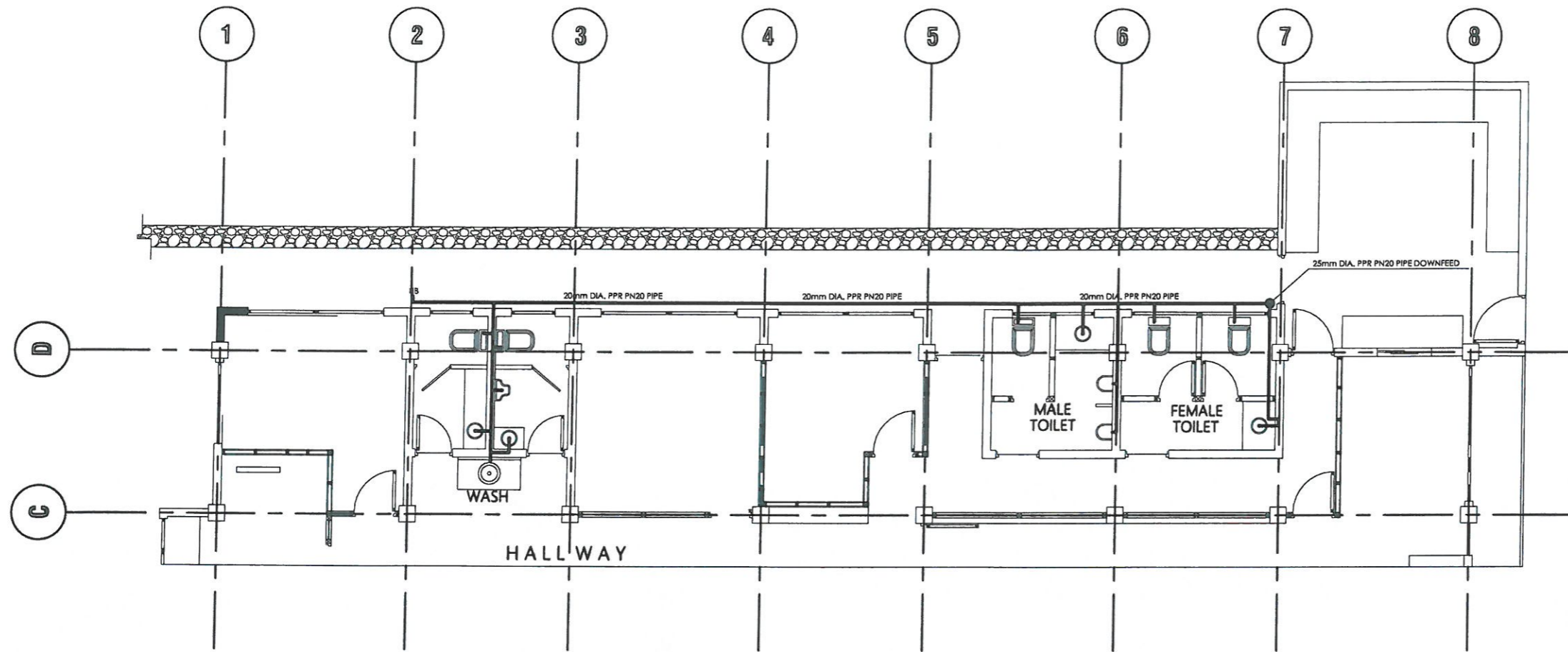
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 CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:

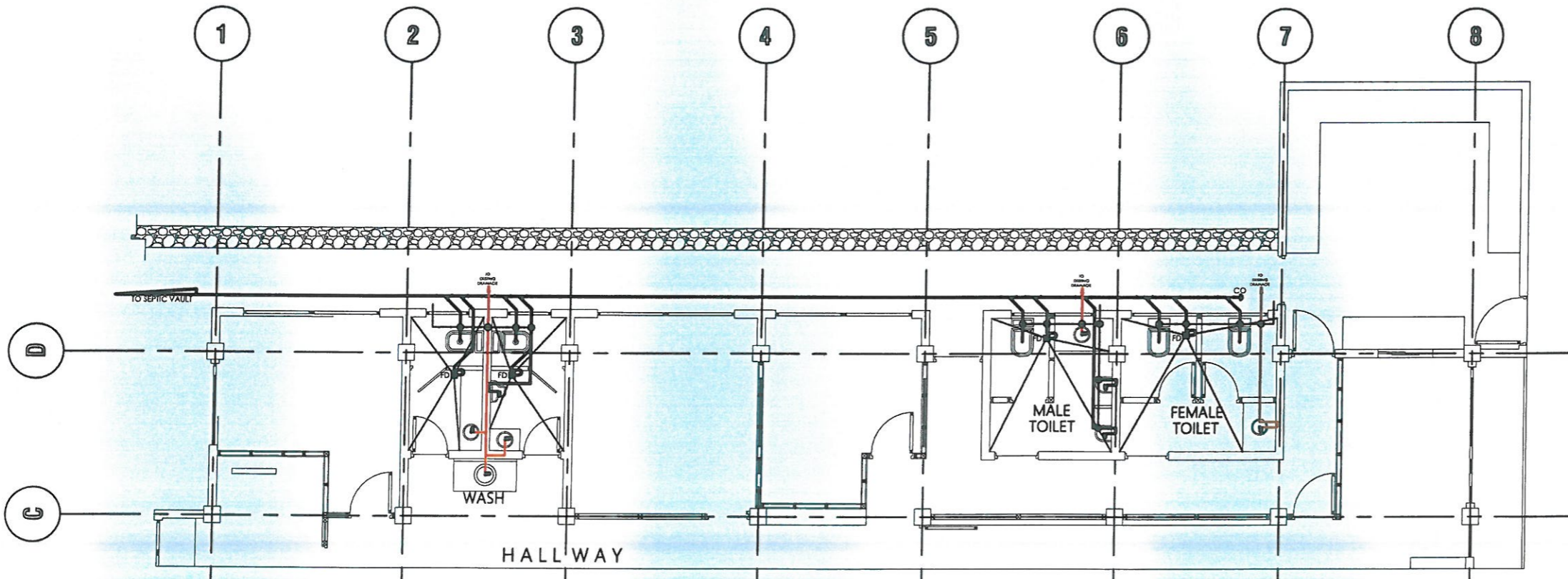
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
PL	01/01	A3



1 WATERLINE LAYOUT  
 PL 01 SCALE NTS



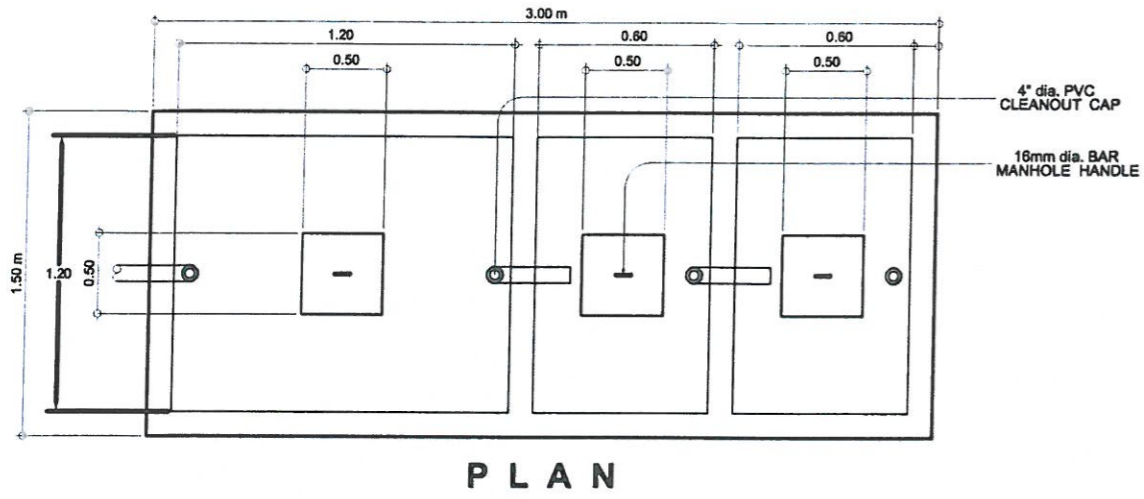
1 WASTEWATER AND SEWER LINE LAYOUT  
 PL 01 SCALE NTS

# RRCY ADMINISTRATIVE BUILDING

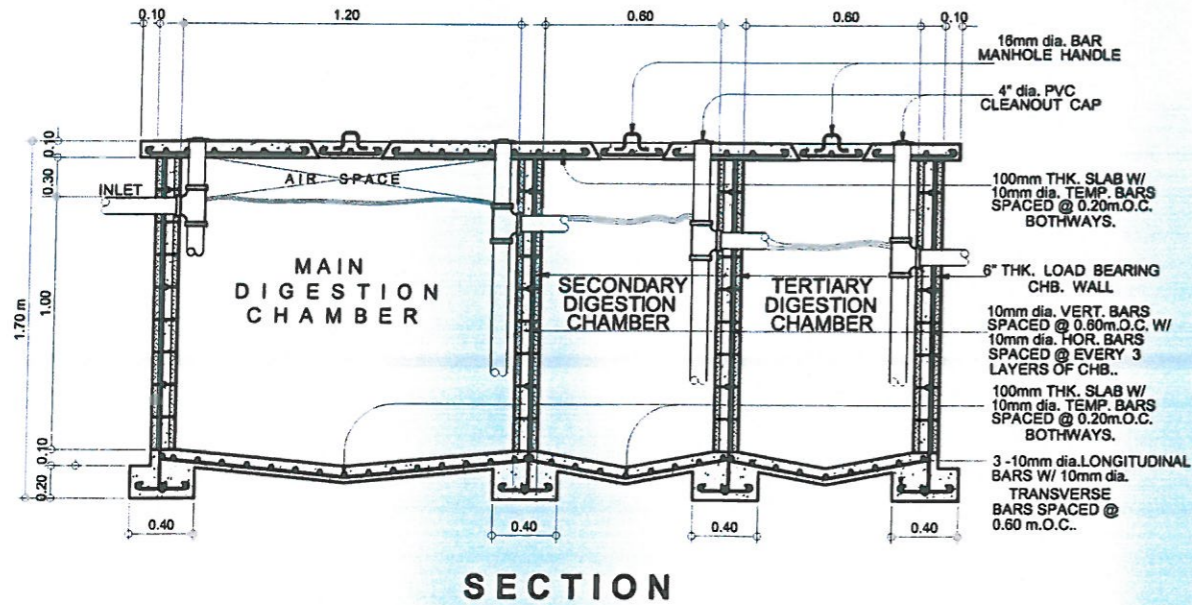
PUMPING/ SANITARY DOCUMENTS  
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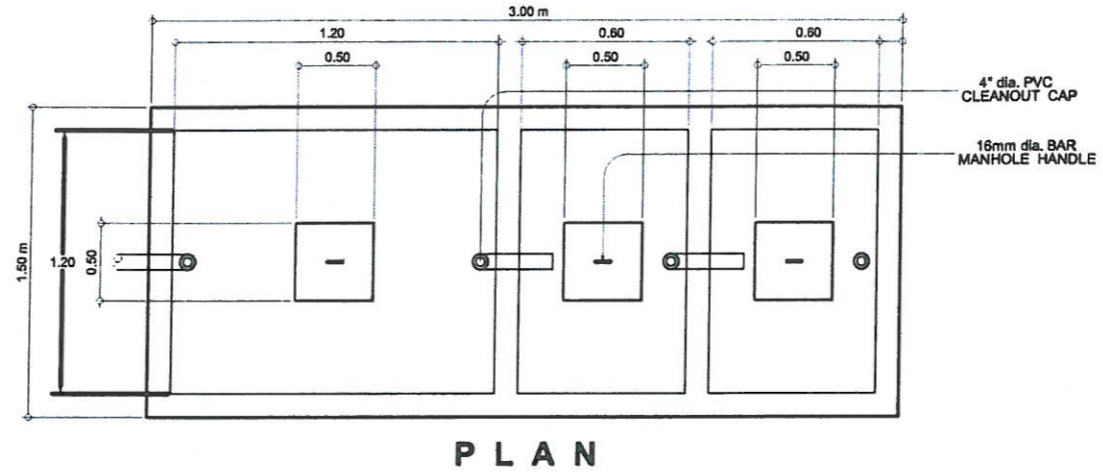
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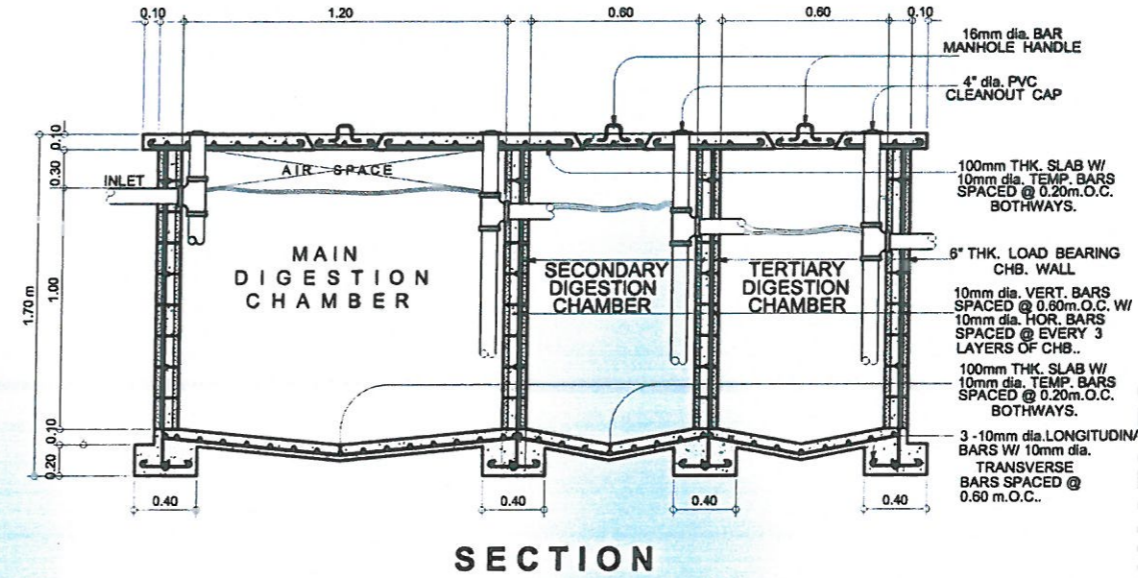
PLAN



SECTION



PLAN



SECTION



ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR  
DSWD-AS-GF-057 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**REGIONAL REHABILITATION CENTER FOR YOUTH, PAYDA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS AND SANITARY SYSTEM OF RRCY SEPTIC VAULT**

APPROVED BY  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
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Director III, Assistant Regional Director for Administration

CHECKED BY  
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OIC - Chief, Administrative Division

PREPARED/DESIGNED BY  
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Architect I, BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED: 30 JUNE 2023

DRAWING STATUS

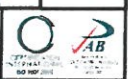
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: **P** SHEET NUMBER: **01/02** PAPER SIZE: **A3**

1 ADMINISTRATIVE BUILDING SEPTIC VAULT SCALE 1:100

2 SKILLS BUILDING SEPTIC VAULT SCALE 1:100

ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023



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**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-GF-057 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**REGIONAL REHABILITATION CENTER FOR YOUTH, PAYDA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF COMFORT ROOMS AND SANITARY SYSTEM OF RRCY SEPTIC VAULT**

APPROVED BY  
**LEO L. QUINTILLA**  
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CONFORMED BY  
**ENRIQUE M. GASCON, Jr.**  
Director III, Assistant Regional Director for Administration

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OIC - Chief, Administrative Division

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Architect I, BGMS

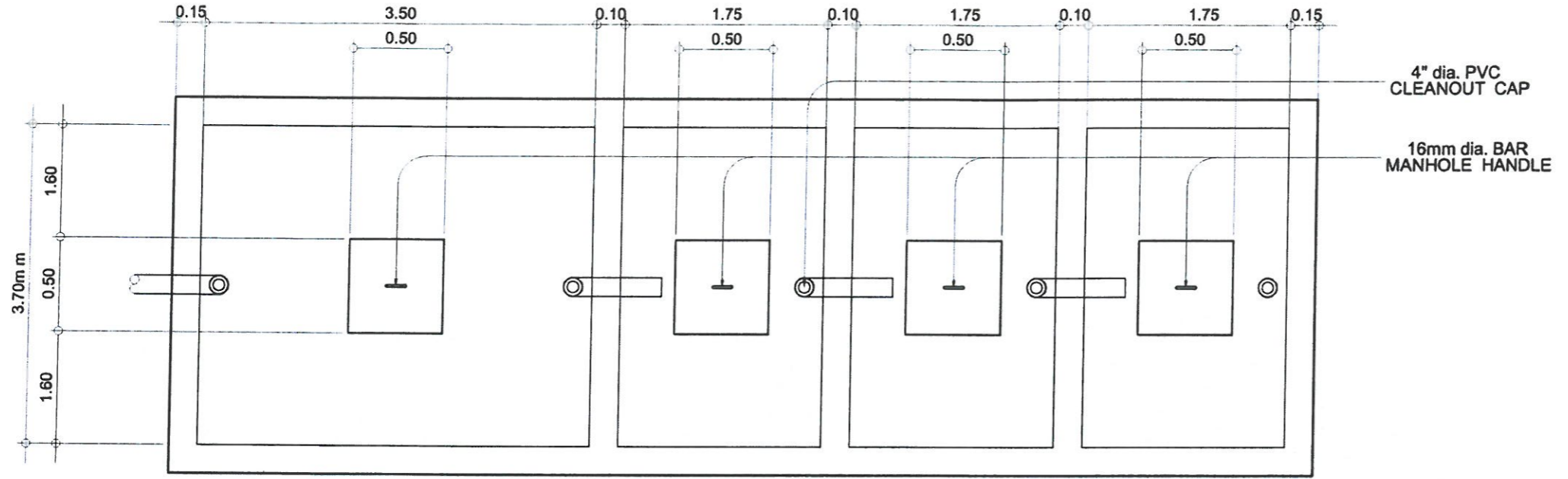
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DATE SUBMITTED: **30 JUNE 2023**

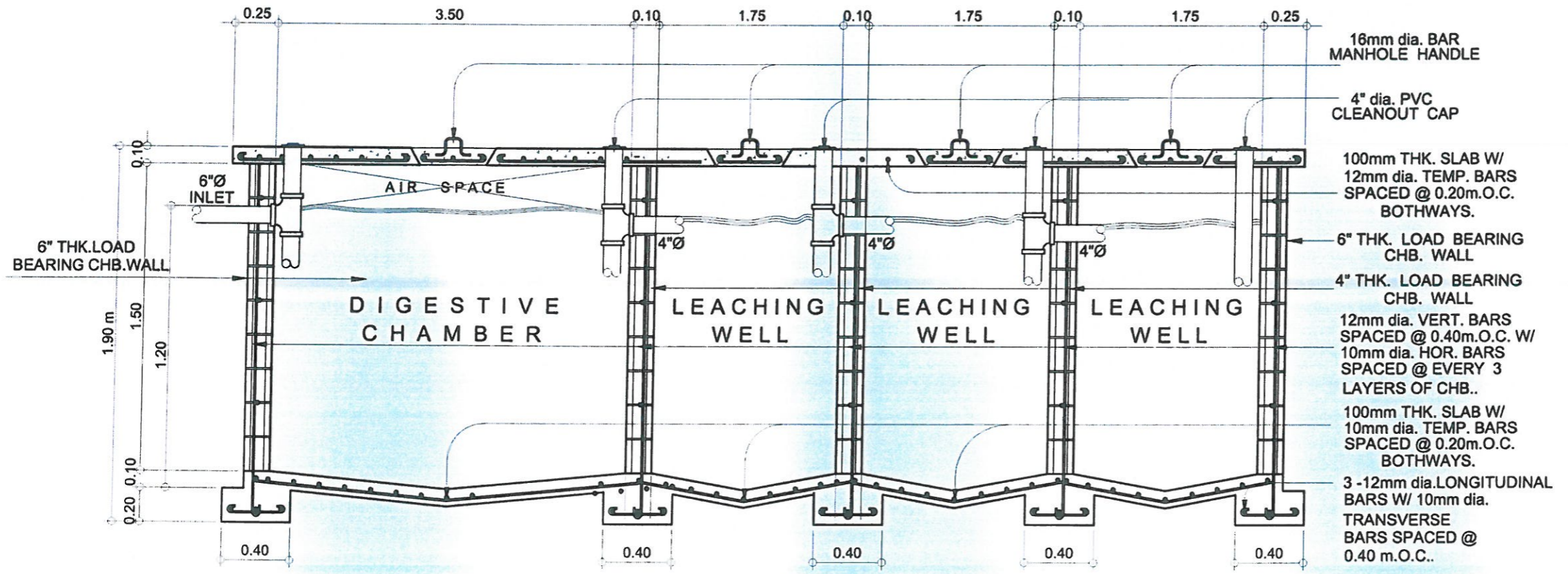
DRAWING STATUS

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PLAN CATEGORY: **P** SHEET NUMBER: **02/02** PAPER SIZE: **A3**



**PLAN**



**SECTION**

STRUCTURAL DOCUMENTS  
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**1** DORMITORY BUILDING SEPTIC VAULT  
SCALE T:100



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**ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR**  
DSWD-AS-GF-057 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**CONSTRUCTION OF DRAINAGE CANAL OF RRCY SITE DEVELOPMENT PLAN**

APPROVED BY

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**LEO L. QUINTILLA**  
Regional Director

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PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

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PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>A</b>	<b>1/1</b>	<b>A3</b>

ARCHITECTURAL DOCUMENTS  
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**1 SITE DEVELOPMENT PLAN**  
SCALE: NOT TO SCALE



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# CONSTRUCTION REQUIREMENTS



**ADMINISTRATIVE DIVISION**  
**FIELD OFFICE CAR**  
DSWD-AS-GF-057 | REV 02 | 07 OCT 2022

## ITEM 101 - REMOVAL OF STRUCTURE AND OBSTRUCTION

CONSIST OF THE REMOVAL WHOLLY OR IN PART, AND SATISFACTORY DISPOSAL OF ALL BUILDINGS, FENCES, STRUCTURES, OLD PAVEMENTS, ABANDONED PIPELINES, AND ANY OTHER OBSTRUCTIONS WHICH ARE NOT DESIGNATED OR PERMITTED TO REMAIN, EXCEPT FOR THE OBSTRUCTIONS TO BE REMOVED AND DISPOSED OFF UNDER OTHER ITEMS IN THE CONTRACT. IT SHALL ALSO INCLUDE THE SALVAGING OF DESIGNATED MATERIALS AND BACKFILLING THE RESULTING TRENCHES, HOLES, AND PITS.

### 1. REMOVAL OF EXISTING BRIDGES, CULVERTS, AND OTHER DRAINAGE STRUCTURES

IT SHALL BE IN ACCORDANCE WITH ALL THE REQUIREMENTS OF SUBSECTION 101.2.2, REMOVAL OF EXISTING BRIDGES, CULVERTS, AND OTHER DRAINAGE STRUCTURES.

### 2. REMOVAL OF PIPES OTHER THAN PIPE CULVERTS

UNLESS OTHERWISE PROVIDED, ALL PIPES SHALL BE CAREFULLY REMOVED AND EVERY PRECAUTION TAKEN TO AVOID BREAKAGE OR DAMAGE. PIPES TO BE RELAID SHALL BE REMOVED AND STORED WHEN NECESSARY SO THAT THERE WILL BE NO LOSS OR DAMAGE BEFORE RE-LAYING. THE CONTRACTOR SHALL REPLACE SECTIONS LOST FROM STORAGE OR DAMAGE BY NEGLIGENCE, AT HIS OWN EXPENSE.

### 3. REMOVAL OF EXISTING PAVEMENT, SIDEWALKS, CURBS, ETC.

ALL CONCRETE PAVEMENT, BASE COURSE, SIDEWALKS, CURBS, GUTTERS, ETC., DESIGNATED FOR REMOVAL, SHALL BE:

- (1) BROKEN INTO PIECES AND USED FOR RIPRAP ON THE PROJECT, OR
- (2) BROKEN INTO PIECES, THE SIZE OF WHICH SHALL NOT EXCEED 300MM (12 INCHES) IN ANY DIMENSION AND STOCKPILED AT DESIGNATED LOCATIONS ON THE PROJECT FOR USE BY THE GOVERNMENT, OR
- (3) OTHERWISE DEMOLISHED AND DISPOSED OFF AS DIRECTED BY THE ENGINEER. WHEN SPECIFIED, BALLAST, GRAVEL, BITUMINOUS MATERIALS OR OTHER SURFACING OR PAVEMENT MATERIALS SHALL BE REMOVED AND STOCKPILED AS REQUIRED IN SUBSECTION 101.2.1, OTHERWISE SUCH MATERIALS SHALL BE DISPOSED OFF AS DIRECTED.

## ITEM 103 - STRUCTURE EXCAVATION

### 1. EXCAVATION

1.1 THE CONTRACTOR SHALL NOTIFY THE ENGINEER SUFFICIENTLY IN ADVANCE OF THE BEGINNING OF ANY EXCAVATION OF ALL STRUCTURES, SO THAT CROSS-SECTIONAL ELEVATIONS AND MEASUREMENT MAY BE TAKEN ON THE UNDISTURBED GROUND. THE NATURAL GROUND ADJACENT TO THE STRUCTURES SHALL NOT BE DISTURBED WITHOUT PERMISSION OF THE ENGINEER.

- PIPE CULVERTS: THE WIDTH OF THE PIPE TRENCH SHALL BE SUFFICIENT TO PERMIT SATISFACTORY JOINTING OF THE PIPE AND THROUGH TAMPING OF THE BEDDING MATERIAL UNDER AND AROUND THE PIPE.
- WIDTH OF EXCAVATION SHALL BE AT LEAST 300MM. (12 INCHES) GREATER THAN THE HORIZONTAL OUTSIDE DIAMETER OF THE PIPE.
- THE EXCAVATION BELOW GRADE SHALL BE BACKFILLED WITH SELECTED FINE COMPRESSIBLE MATERIAL, E.G. SILTY CLAY OR LOAM, AND LIGHTLY COMPACTED IN LAYERS NOT OVER 150MM. (6 INCHES).

### 1.2 UTILIZATION OF EXCAVATED MATERIALS

- ALL EXCAVATED MATERIALS, SO FAR AS SUITABLE WILL BE UTILIZED AS BACKFILL OR EMBANKMENT.
- SURPLUS MATERIALS SHALL BE DISPOSED OFF AS DESIGNATED BY THE ENGINEER.
- NO EXCAVATED MATERIALS SHALL BE DEPOSITED AT ANY TIME TO ENDANGER THE PARTLY FINISHED STRUCTURE.

### 1.3 BACKFILL AND EMBANKMENT FOR STRUCTURES OTHER THAN PIPE CULVERTS

- EMBANKMENT AND BACKFILLING SHALL BE LAYER BY LAYER NOT OVER 150MM. (6 INCHES) IN THICKNESS UP TO THE LEVEL OF ORIGINAL GROUND.

## ITEM 105 - SUBGRADE PREPARATION

### 1. SUBGRADE IN COMMON EXCAVATION

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS BELOW SUBGRADE LEVEL IN EARTH CUTS TO A DEPTH 150MM OR OTHER DEPTH SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE EXCAVATED.

### 2. SUBGRADE IN ROCK EXCAVATION

SURFACE IRREGULARITIES UNDER THE SUBGRADE LEVEL REMAINING AFTER TRIMMING OF THE ROCK EXCAVATION SHALL BE LEVELED BY PLACING SPECIFIED MATERIAL AND COMPACTED TO THE REQUIREMENTS OF SUBSECTION 104.3.3.

### 3. SUBGRADE ON EMBANKMENT

- IT SHALL BE IN ACCORDANCE WITH SUBSECTION 105.3.5 SUBGRADE ON EMBANKMENT.

### 4. SUBGRADE ON EXISTING PAVEMENT

- IT SHALL BE IN ACCORDANCE WITH SUBSECTION 105.3.6 SUBGRADE ON EXISTING PAVEMENT.

## ITEM 200 - AGGREGATE SUB - BASE COURSE

### 1. MATERIAL REQUIREMENTS

AGGREGATE FOR SUB-BASE COURSE SHALL CONSIST OF HARD, DURABLE PARTICLES OR FRAGMENTS OF CRUSHED STONE, CRUSHED SLAG OR NATURAL GRAVEL AND FILLER OF NATURAL OR CRUSHED SAND OR OTHER FINELY DIVIDED MINERAL MATTER. THE COMPOSITE MATERIAL SHALL BE FREE FROM VEGETABLE MATTER AND LUMPS OR BALLS OF CLAY, AND SHALL BE OF SUCH NATURE THAT IT CAN BE COMPACTED READILY TO FORM A FIRM, STABLE BASE.

### 2. PREPARATION OF EXISTING SURFACE

THE EXISTING SURFACE SHALL BE GRADED AND FINISHED AS PROVIDED UNDER ITEM 105, SUBGRADE PREPARATION, BEFORE PLACING THE BASE MATERIAL.

### 3. PLACING

IT SHALL BE IN ACCORDANCE WITH ALL THE REQUIREMENTS OF SUBSECTION 201.3.2, PLACING.

### 4. SPREADING AND COMPACTING

IT SHALL BE IN ACCORDANCE WITH ALL THE REQUIREMENTS OF SUBSECTION 201.3.3, SPREADING AND COMPACTING.

### 5. PROTECTION OF COMPLETED WORK

THE CONTRACTOR SHALL BE REQUIRED TO PROTECT AND MAINTAIN AT HIS OWN EXPENSE OF THE ENTIRE WORK WITHIN THE LIMITS OF HIS CONTRACT IN GOOD CONDITION SATISFACTORY TO THE ENGINEER FROM TIME TO TIME UNTIL ALL WORK SHALL BE COMPLETED.

## ITEM 311 - PORTLAND CEMENT CONCRETE PAVEMENT

### MATERIALS

#### 1.1 PORTLAND CEMENT

- USE TYPE 1 PORTLAND CEMENT, 40KGS.; IF CEMENT IS USED IN BULK, THE ENGINEER SHALL BE INFORMED.
- MIXING PROPORTION: USE CLASS "A", 364 KGS./CU.M. OF CONCRETE OR 9.10 BAGS /CU.M.

#### 1.2 FINE AGGREGATE

- REFER TO TABLE 311.1 - GRADING REQUIREMENTS IN DPWH STANDARD SPECIFICATION 2004 EDITION.

#### 1.3 COARSE AGGREGATE

- REFER TO TABLE 311.2 - GRADING REQUIREMENTS IN DPWH STANDARD SPECIFICATION 2004 EDITION.

#### 1.4 WATER

- IF DRINKABLE WATER IS USED, NO TEST IS REQUIRED.
- IF NOT DRINKABLE WATER, TEST IS REQUIRED.

## ITEM 404 - REINFORCING STEEL BARS

### 1. DESCRIPTION

THIS ITEM SHALL CONSIST OF FURNISHING, BENDING, FABRICATING AND PLACING OF STEEL REINFORCEMENT OF THE TYPE, SIZE, SHAPE AND GRADE REQUIRED IN ACCORDANCE WITH THIS SPECIFICATION AND IN CONFORMITY WITH THE REQUIREMENTS SHOWN ON THE PLANS OR AS AS DIRECTED BY THE ENGINEER.

### 2. MATERIAL REQUIREMENTS

REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ITEM 710, REINFORCING STEEL AND WIRE ROPE.

## ITEM 405 - STRUCTURAL CONCRETE

THIS ITEM SHALL CONSIST OF FURNISHING, BENDING, PLACING AND FINISHING CONCRETE IN ALL STRUCTURES EXCEPT PAVEMENTS IN ACCORDANCE WITH THIS SPECIFICATION AND CONFORMING TO THE LINES, GRADES, AND DIMENSIONS SHOWN ON THE PLANS. CONCRETE SHALL CONSIST OF A MIXTURE OF PORTLAND CEMENT, FINE AGGREGATE, COARSE AGGREGATE, ADMIXTURE WHEN SPECIFIED, AND WATER MIXED IN THE PROPORTIONS SPECIFIED OR APPROVED BY THE ENGINEER.

THE CLASSES OF CONCRETE WILL GENERALLY BE USED AS FOLLOWS:

CLASS A - ALL SUPERSTRUCTURES AND HEAVILY REINFORCED SUBSTRUCTURES. THE IMPORTANT PARTS OF THE STRUCTURE INCLUDED ARE SLABS, BEAMS, GIRDERS, COLUMNS, ARCH RIBS, BOX CULVERTS, REINFORCED ABUTMENTS, RETAINING WALLS, AND REINFORCED FOOTINGS.

CLASS B - FOOTINGS, PEDESTALS, MASSIVE PIER SHAFTS, PIPE BEDDING, AND GRAVITY WALLS, UNREINFORCED OR WITH ONLY A SMALL AMOUNT OF REINFORCEMENT.

CLASS C - THIN REINFORCED SECTIONS, RAILINGS, PRECAST R.C. PILES AND CRIBBING AND FOR FILLER IN STEEL GRID FLOORS.

CLASS P - PRESTRESSED CONCRETE STRUCTURES AND MEMBERS.  
SEAL - CONCRETE DEPOSITED IN WATER.

### MATERIAL REQUIREMENTS

#### PORTLAND CEMENT

IT SHALL CONFORM TO ALL THE REQUIREMENTS OF SUBSECTION 311.2.1.

#### FINE AGGREGATE

IT SHALL CONFORM TO ALL THE REQUIREMENTS OF SUBSECTION 311.2.2.

#### COARSE AGGREGATE

IT SHALL CONFORM ALL THE REQUIREMENTS OF SUBSECTION 311.2.3 EXCEPT THAT GRADATION SHALL CONFORM TO TABLE 405.1.

**STRUCTURAL NOTES**  
1 SCALE NOT TO SCALE

STRUCTURAL DOCUMENTS ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023

<b>PROJECT NAME:</b>		
PROPOSED REHABILITATION OF RRCY COMPLEX		
<b>LOCATION:</b>		
REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET		
<b>SHEET CONTENT:</b>		
CONSTRUCTION OF DRAINAGE CANAL OF RRCY		
STRUCTURAL NOTES		
<b>APPROVED BY</b>		
LEO L. QUINTILLA Regional Director		
<b>CONFORMED BY</b>		
ENRIQUE H. GASCON, Jr. Director III/ Assistant Regional Director for Administration		
<b>CHECKED BY</b>		
RONILO R. FLORES Administrative Officer V OIC - Chief, Administrative Division		
<b>PREPARED/DESIGNED BY</b>		
ENGR. COLLIN JONES C. TUNGOL Engineer II, BGMS		
<b>PROJECT/TA No:</b>		
CAR-FO-AD-BGMS-A-PR-23-06-2021S-S		
<b>DATE SUBMITTED:</b>		
July 5, 2023		
<b>DATE</b>	<b>DESCRIPTION/REMARKS</b>	<b>BY</b>
<b>PLAN CATEGORY</b>	<b>SHEET NUMBER</b>	<b>PAPER SIZE</b>
S	1/3	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-057 | REV 02 | 07 OCT 2022

PROJECT NAME:

**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:

**REGIONAL REHABILITATION CENTER FOR YOUTH, PA'DA, BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**CONSTRUCTION OF DRAINAGE CANAL OF RRCY**

STEEL GRATINGS DETAILS

APPROVED BY

**LEO L. QUINTILLA**  
*Regional Director*

CONFORMED BY

**ENRIQUE H. GASCON, Jr.**  
*Director III/Assistant Regional Director for Administration*

CHECKED BY

**RONILO R. FLORES**  
*Administrative Officer V  
OIC - Chief, Administrative Division*

PREPARED/DESIGNED BY

**ENGR. COLLIN JONES C. TUNGOL**  
*Engineer II, BGMS*

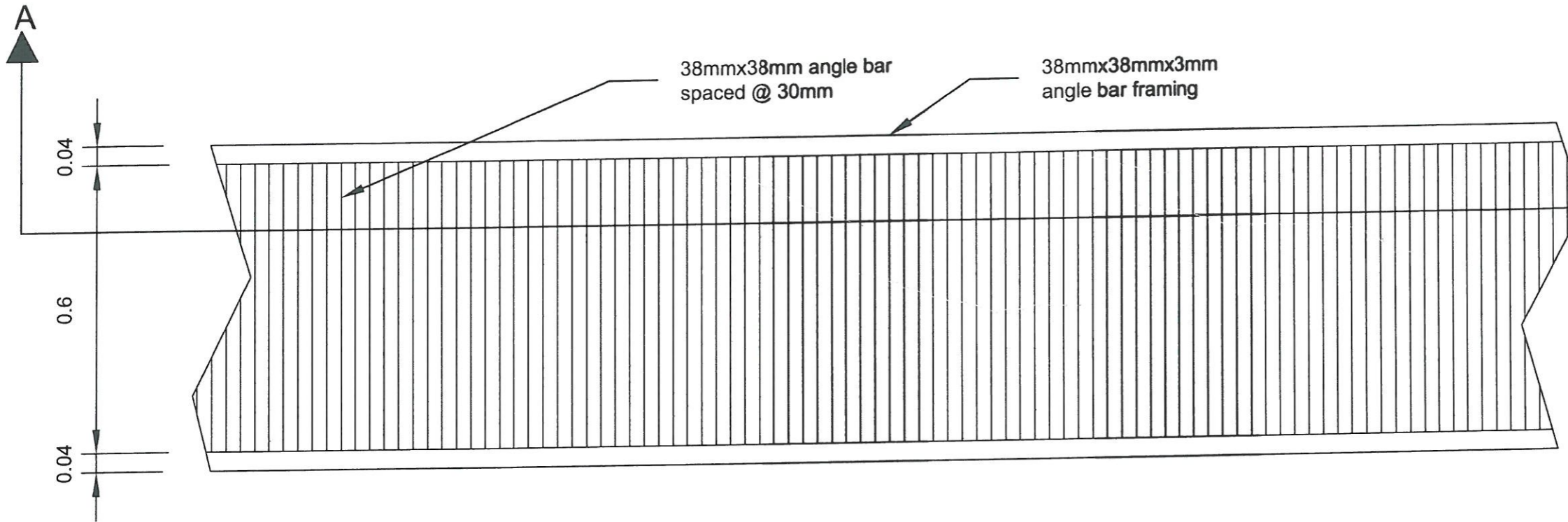
PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:

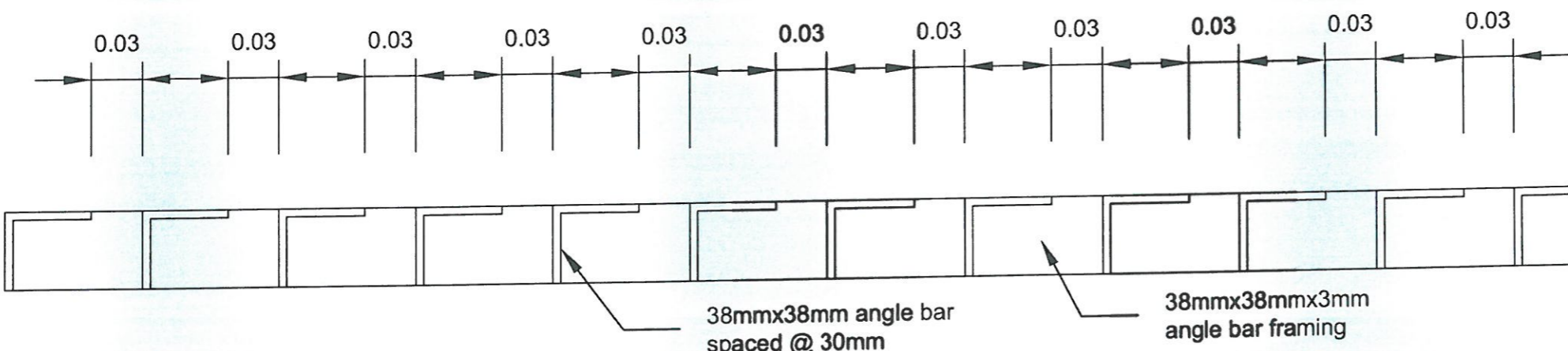
July 5, 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>S</b>	<b>2/3</b>	<b>A3</b>



**1**  
A 01  
SCALE  
**STEEL GRATINGS DETAILS**  
NOT TO SCALE



**1**  
A 01  
SCALE  
**SECTION THRU A-A'**  
NOT TO SCALE

STRUCTURAL DOCUMENTS ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - ISSUED ON JULY 5, 2023



PROJECT NAME :

PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION :

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :

RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-WATER WASTE LINE LAYOUT

APPROVED BY

LEO L. QUINTILLA  
Regional Director

CONFORMED BY

ENRIQUE H. GASCON JR.  
DIR III / ARD for Administration

CHECKED BY

RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

AR. GYAXER N. RUDJO  
ARCHITECT I - AD/BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

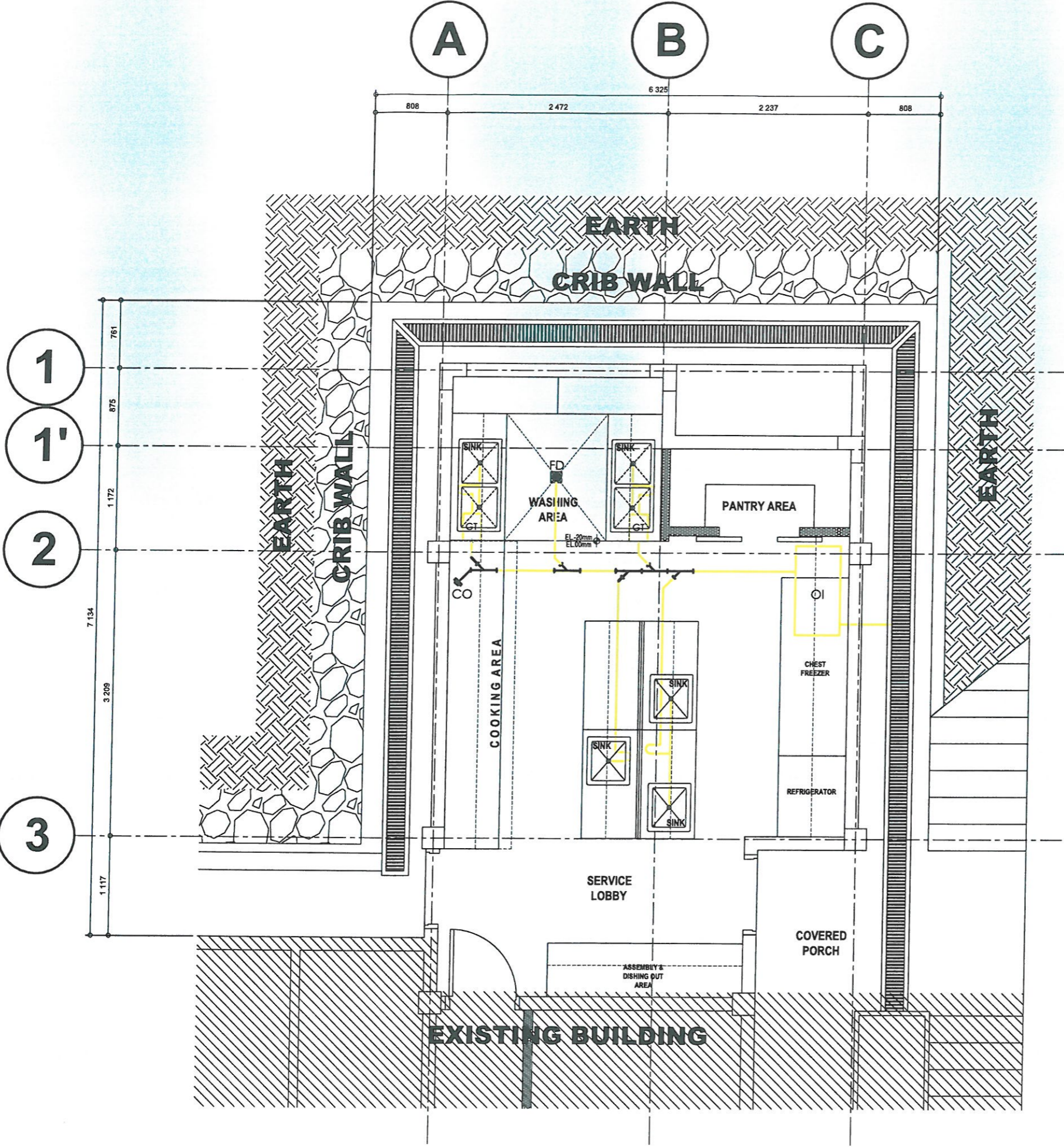
DATE SUBMITTED:

30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
PL	03/03	A3

PLUMBING/ SANITARY DOCUMENTS  
ISSUED FOR PRE- PROCUREMENT PURPOSES ONLY- 30 JUNE 2023



1 WASTE WATER LINE LAYOUT  
PL 02 SCALE 1:50 METERS



PROJECT NAME:

**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:

**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:

**RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN - PLUMBING DETAILS**

APPROVED BY

**LEO L. QUINTILLA**  
 Regional Director

CONFORMED BY

**ENRIQUE H. GASCON JR.**  
 DIR III / AD for Administration

CHECKED BY

**RONILO R. FLORES**  
 OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

**AR. GLYSTER N. BUDJO**  
 ARCHITECT - AD/BGMS

PROJECT/TA No:  
 CAR-FO-AD-BGMS-A-PR-23-06-20215-S

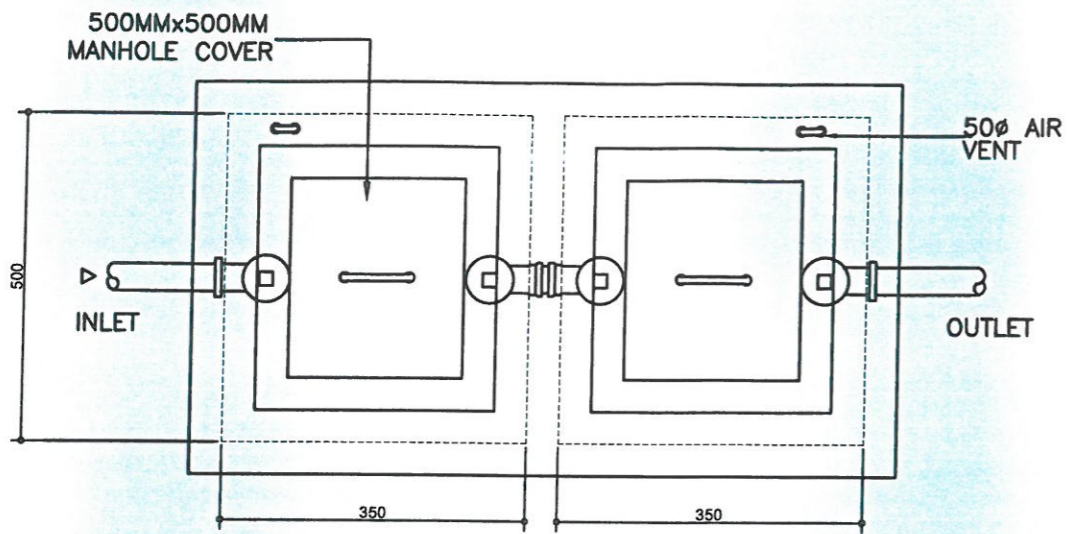
DATE SUBMITTED:

**30 JUNE 2023**

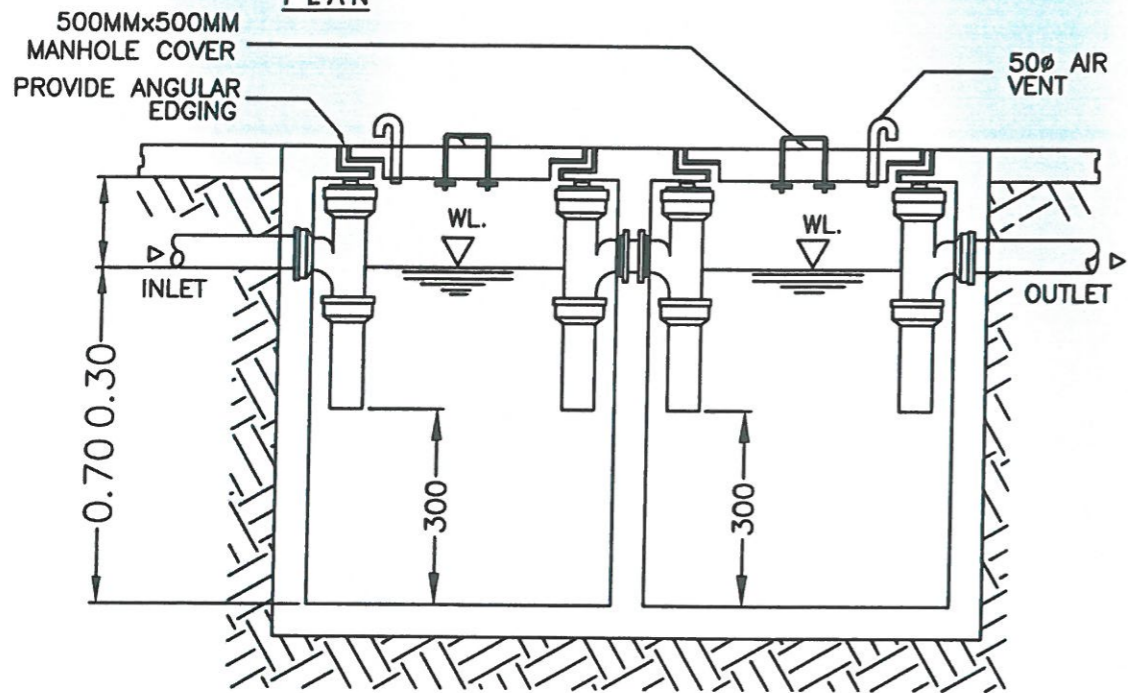
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>PL</b>	<b>03/03</b>	<b>A3</b>

PLUMBING/ SANITARY DOCUMENTS  
 ISSUED FOR PRE- PROCUREMENT PURPOSES ONLY- 30 JUNE 2023

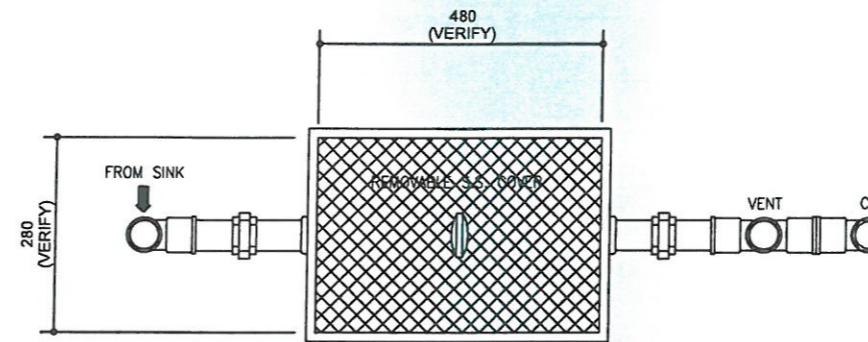


PLAN

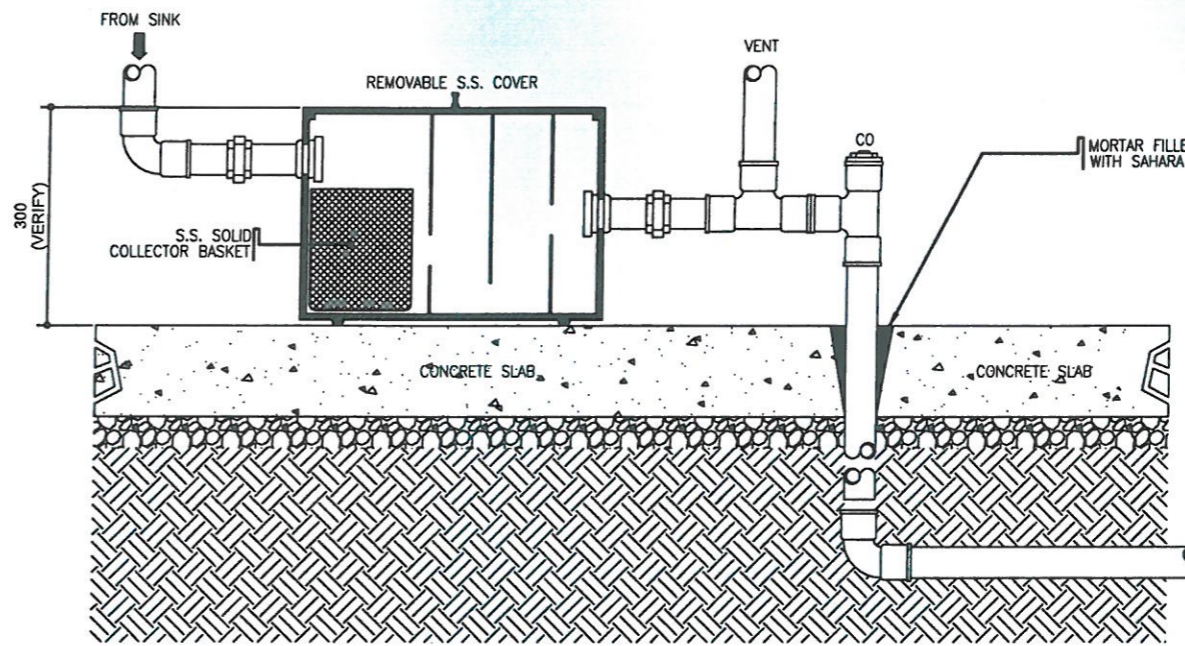


SECTION

**1 OIL INTERCEPTOR DETAIL**  
 PL-03 SCALE NTS

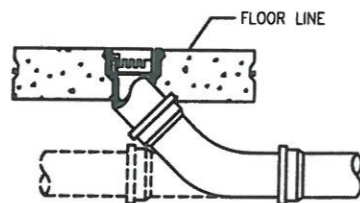


PLAN

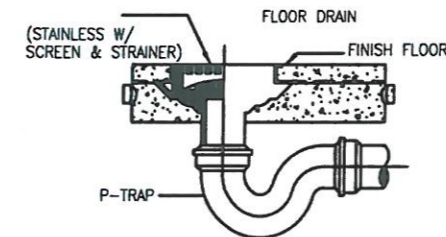


SECTION

**2 GREASE TRAP DETAIL**  
 (MINIMUM OF 10 GPM OR UP)  
 PL-03 SCALE NTS



**3 FLOOR CLEANOUT DETAIL**  
 PL-03 SCALE NTS



**4 FLOOR DRAIN MOUNTING DETAIL**  
 PL-03 SCALE NTS



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



**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-CF-057 | REV 02 | 07 OCT 2022

PROJECT NAME :

PROPOSED REHABILITATION OF RRCY COMPLEX

LOCATION :

REGIONAL REHABILITATION CENTER FOR YOUTH, PA'YA, BAYABAS, SABLAN, BENGUET

SHEET CONTENT :

CONSTRUCTION OF DRAINAGE CANAL OF RRCY  
CATCH BASIN DETAILS  
TRENCH CANAL DETAILS  
CONCRETE BOX CULVERT DETAILS

APPROVED BY

LEO L. QUINTILLA  
Regional Director

CONFORMED BY

ENRIQUE H. GASCON, Jr.  
Director III, Assistant Regional Director for Administration

CHECKED BY

RONILO R. FLORES  
Administrative Officer V  
OIC - Chief, Administrative Division

PREPARED/DESIGNED BY

ENGR. COLLIN JONES C. TUNGOL  
Engineer II, BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

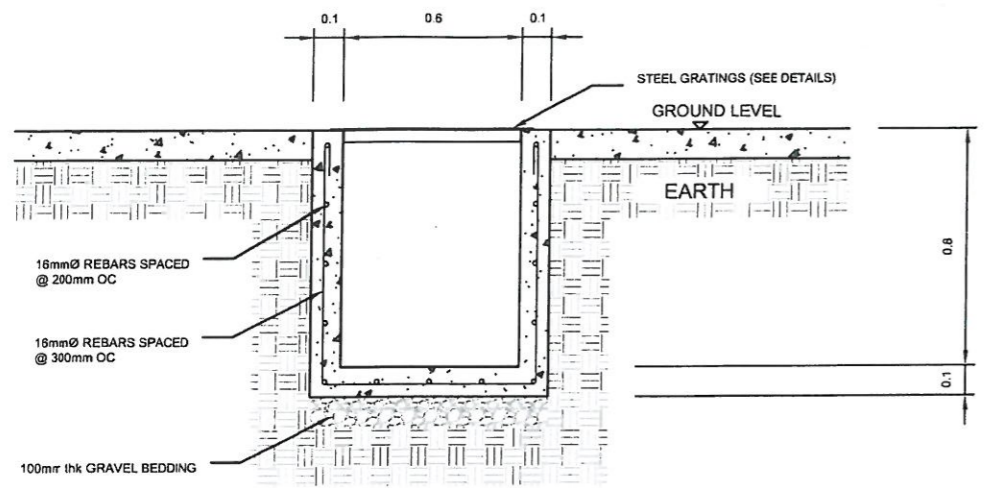
DATE SUBMITTED:

July 5, 2023

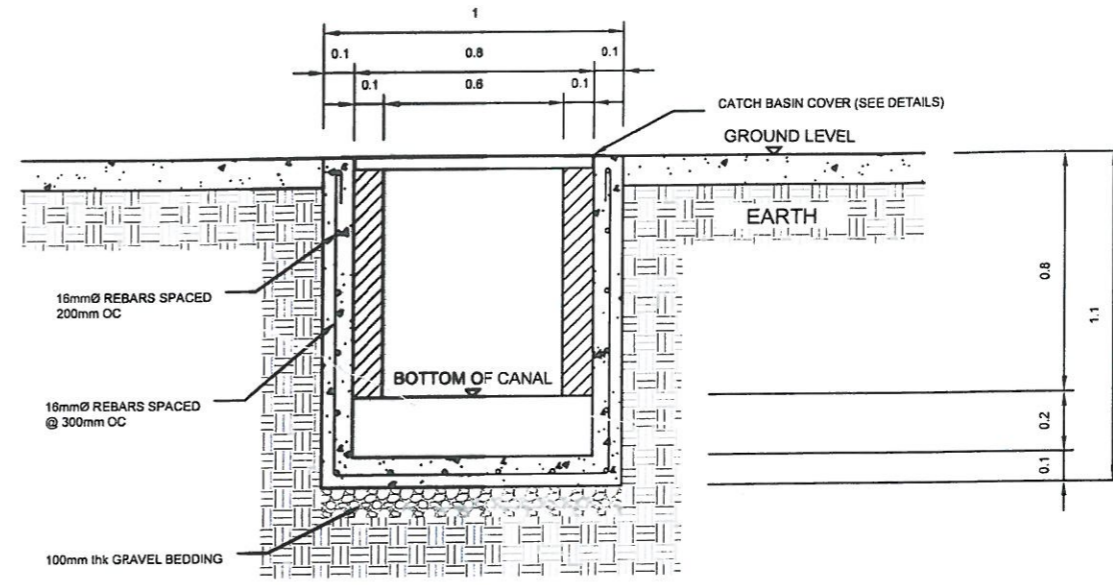
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
S	3/3	A3

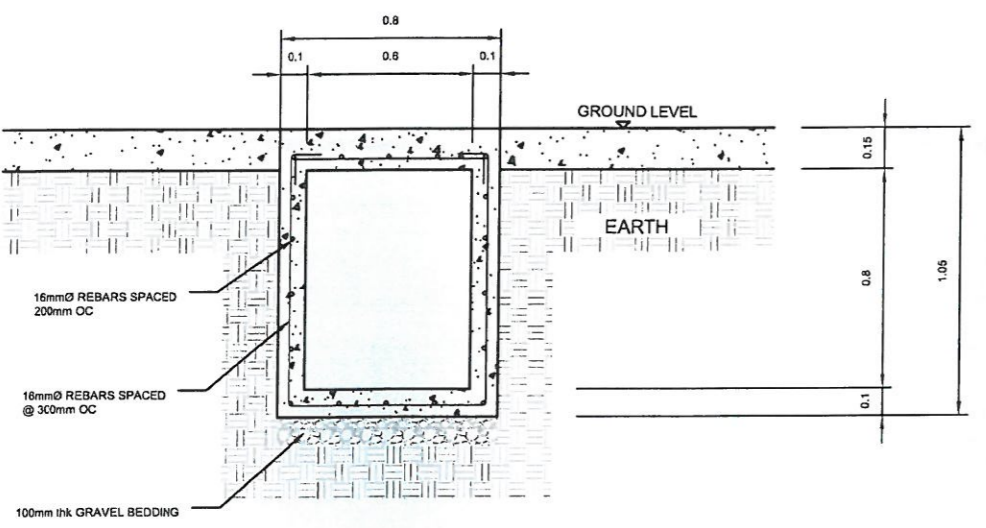
STRUCTURAL DOCUMENTS  
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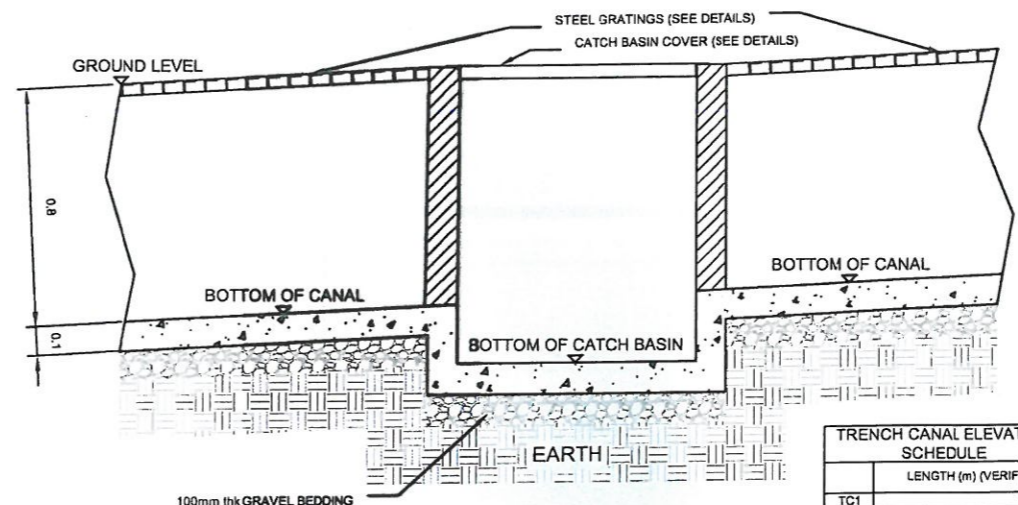
1  
A 01 SCALE NOT TO SCALE  
TRENCH CANAL 1-5 DETAILS



1  
A 01 SCALE NOT TO SCALE  
CATCH BASIN 1-7 DETAILS



1  
A 01 SCALE NOT TO SCALE  
CONCRETE BOX CULVERT 6-7 DETAILS



1  
A 01 SCALE NOT TO SCALE  
CATCH BASIN - TRENCH CANAL CONNECTION DETAILS

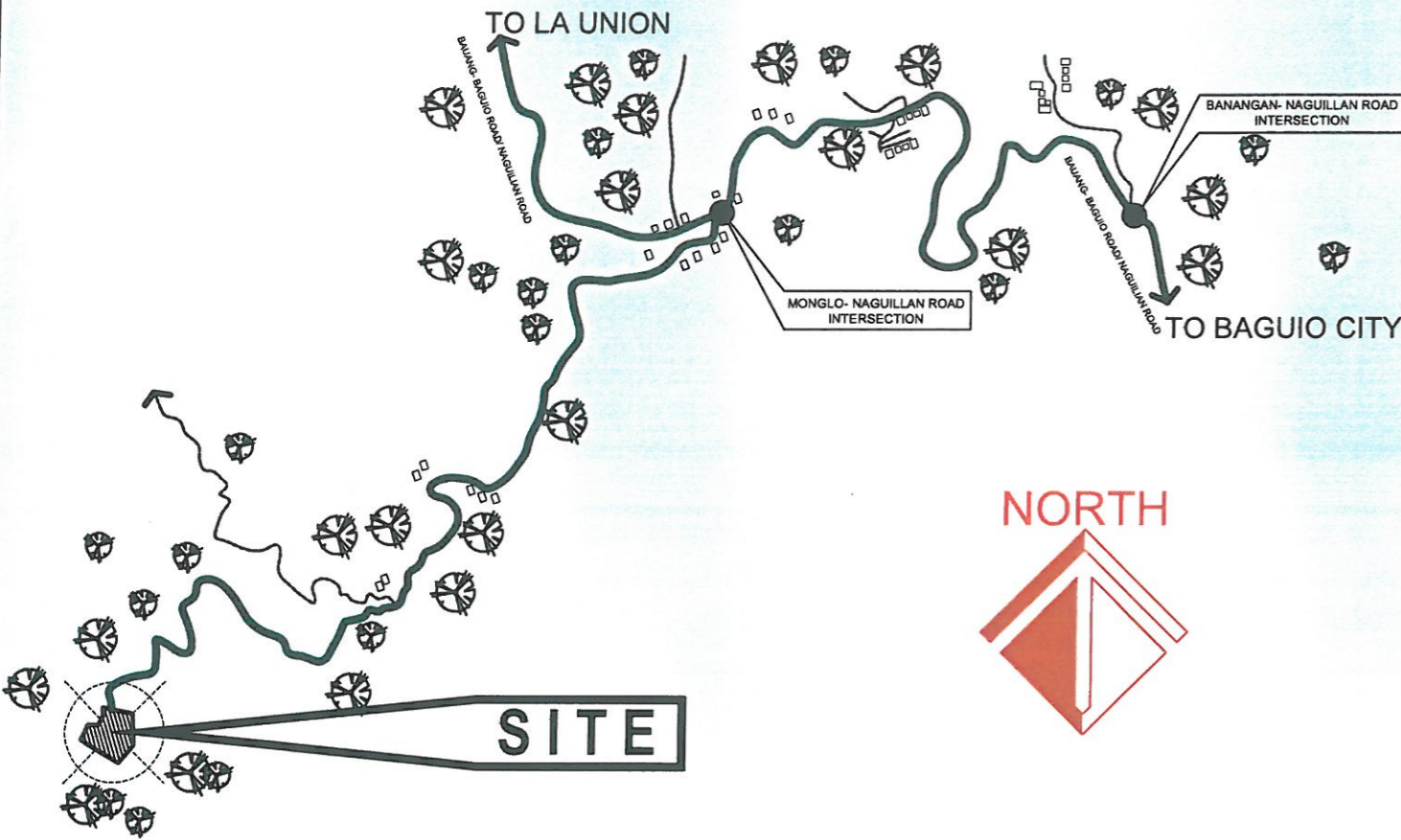
TRENCH CANAL ELEVATION SCHEDULE	
	LENGTH (m) (VERIFY)
TC1	18.5500
TC2	8.9500
TC3	16.9500
TC4	22.5000
TC5	4.5000
TC6	20.0500
TC7	12.1000

CATCH BASIN ELEVATION SCHEDULE	
	ELEVATION FROM EL. 0.00 (m) (VERIFY)
CB1	-0.4000
CB2	-0.6000
CB3	-0.9500
CB4	-1.4000
CB5	-5.5000
CB6	-6.0000
CB7	-6.2500



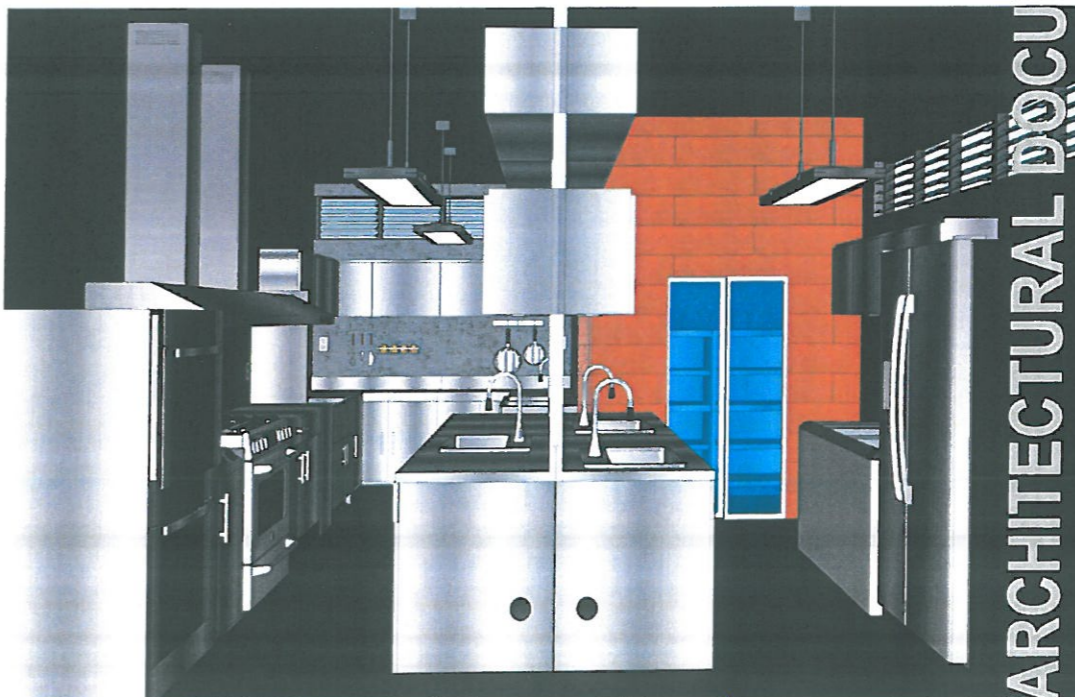




1 LOCATION MAP  
AR-02 SCALE NTS

**NOTES**

1. DSWD- CAR MUST BE NOTIFIED AT LEAST ONE WEEK BEFORE CONSTRUCTION ACTIVITY BEGINS. A PRE- CONSTRUCTION MEETING ON- SITE WITH DSWD- CAR IS REQUIRED BEFORE ANY CONSTRUCTION STARTS.
2. USE OF FIRST CLASS QUALITY MATERIALS/ OR PRODUCTS FOR ALL ARCHITECTURAL WORKS APPROVED AND ACCEPTABLE TO THE DSWD-CAR. PRIOR TO EXECUTION/ INSTALLATION, SUBMIT SAMPLE FOR APPROVAL.
3. ALL LAYOUT SHOULD BE APPROVED BY DSWD-CAR PRIOR TO EXECUTION/ INSTALLATION.
4. VERIFY EXISTING/ ACTUAL CONDITION PRIOR TO EXECUTION AND INFORM THE DSWD-CAR IN ANY DISCREPANCIES NOTED IN THE PLANS AND ACTUAL CONDITION.
5. EVERY DIMENSION SHALL BE ADJUSTED TO EXISTING/ACTUAL CONDITION WITH THE APPROVAL OF THE DSWD-CAR.
6. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL/ ENGINEERING DRAWINGS, ANY DISCREPANCY NOTED SHOULD IMMEDIATELY BE BROUGHT TO THE NOTICE OF DSWD-CAR PRIOR TO EXECUTION.
7. ALL DRAWINGS ARE IN MILLIMETERS.



1 INTERIOR PERSPECTIVE (BY: DEXTER JOHN L. NICER)  
AR 02 SCALE NTS



ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME :  
PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION :  
PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :  
RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-MASTER SITE DEVELOPMENT PLAN  
(MSDP)

APPROVED BY  
  
LEO L. QUINTILLA  
Regional Director

CONFORMED BY  
  
ENRIQUE H. GASCON JR.  
Dir III / ARD for Administration

CHECKED BY  
  
RONILLO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
  
AR. CRYSTIAN N. RUDJO  
ARCHITECT I- AD/BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:  
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
AR	02/07	A3

ARCHITECTURAL DOCUMENTS ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - 30 JUNE 2023











PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN**  
-CROSS SECTION

APPROVED BY  
*Leo L. Quintilla*  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
*Enrique H. Gascon Jr.*  
**ENRIQUE H. GASCON JR.**  
DIR III / ARD for Administration

CHECKED BY  
*Ronilo R. Flores*  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
*Ar. Glyxter N. Rudio*  
**AR. GLYXTER N. RUDIO**  
ARCHITECT I - AD/BGMS

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

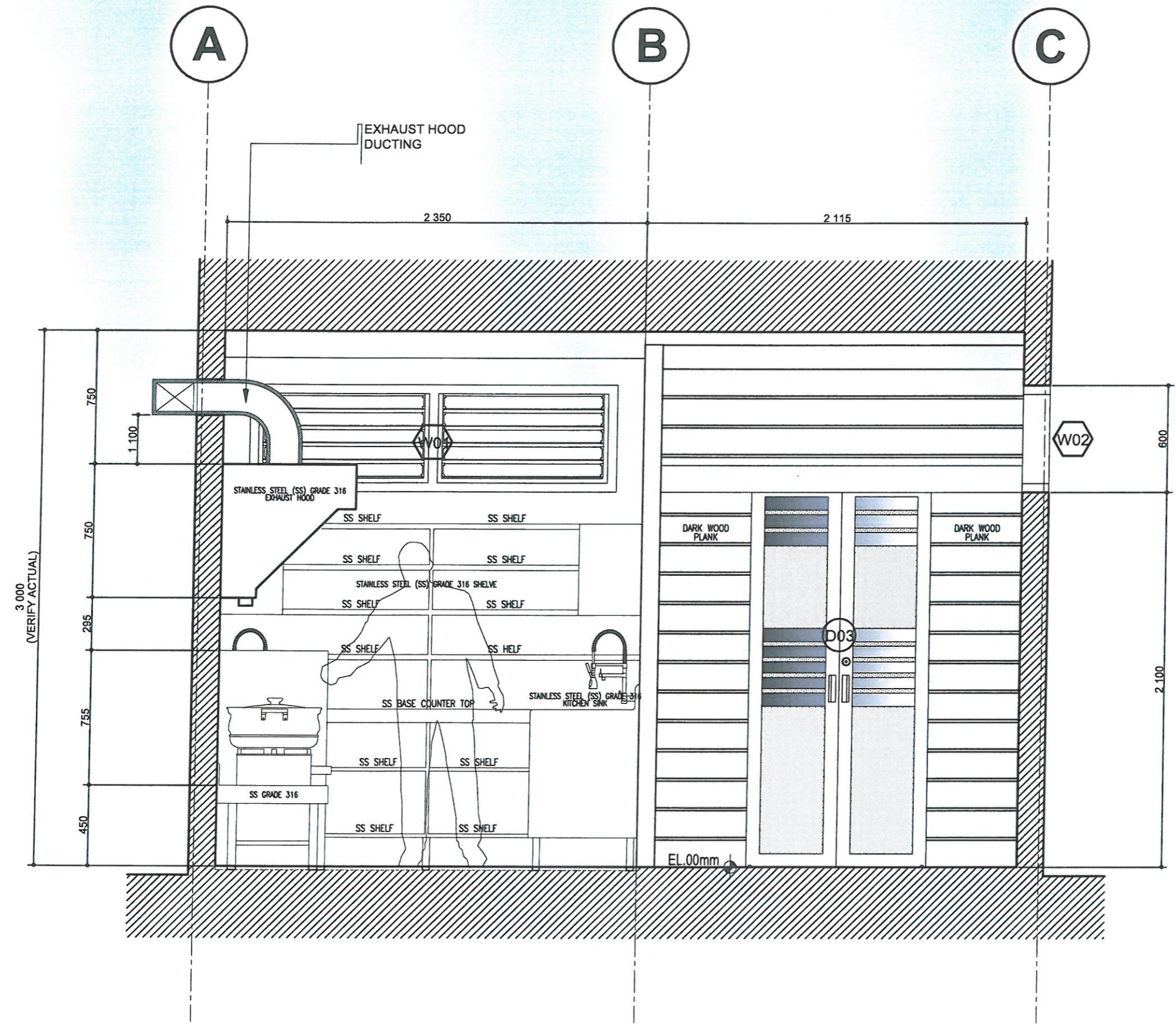
DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>AR</b>	<b>05/07</b>	<b>A3</b>

**NOTES**

1. DSWD- CAR MUST BE NOTIFIED AT LEAST ONE WEEK BEFORE CONSTRUCTION ACTIVITY BEGINS. A PRE- CONSTRUCTION MEETING ON- SITE WITH DSWD- CAR IS REQUIRED BEFORE ANY CONSTRUCTION STARTS.
2. USE OF FIRST CLASS QUALITY MATERIALS/ OR PRODUCTS FOR ALL ARCHITECTURAL WORKS APPROVED AND ACCEPTABLE TO THE DSWD-CAR. PRIOR TO EXECUTION/ INSTALLATION, SUBMIT SAMPLE FOR APPROVAL.
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7. ALL DRAWINGS ARE IN MILLIMETERS.



**CROSS SECTION**  
SCALE: **1:25 METERS**

ARCHITECTURAL DOCUMENTS  
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NOTES

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN**  
 -LONGITUDINAL SECTION

APPROVED BY  
  
**LEO L. QUINTILLA**  
*Regional Director*

CONFORMED BY  
  
**ENRIQUE H. GASCON JR.**  
*DIR III / AD for Administration*

CHECKED BY  
  
**RONILO R. FLORES**  
*OIC CHIEF- ADMINISTRATIVE DIVISION*

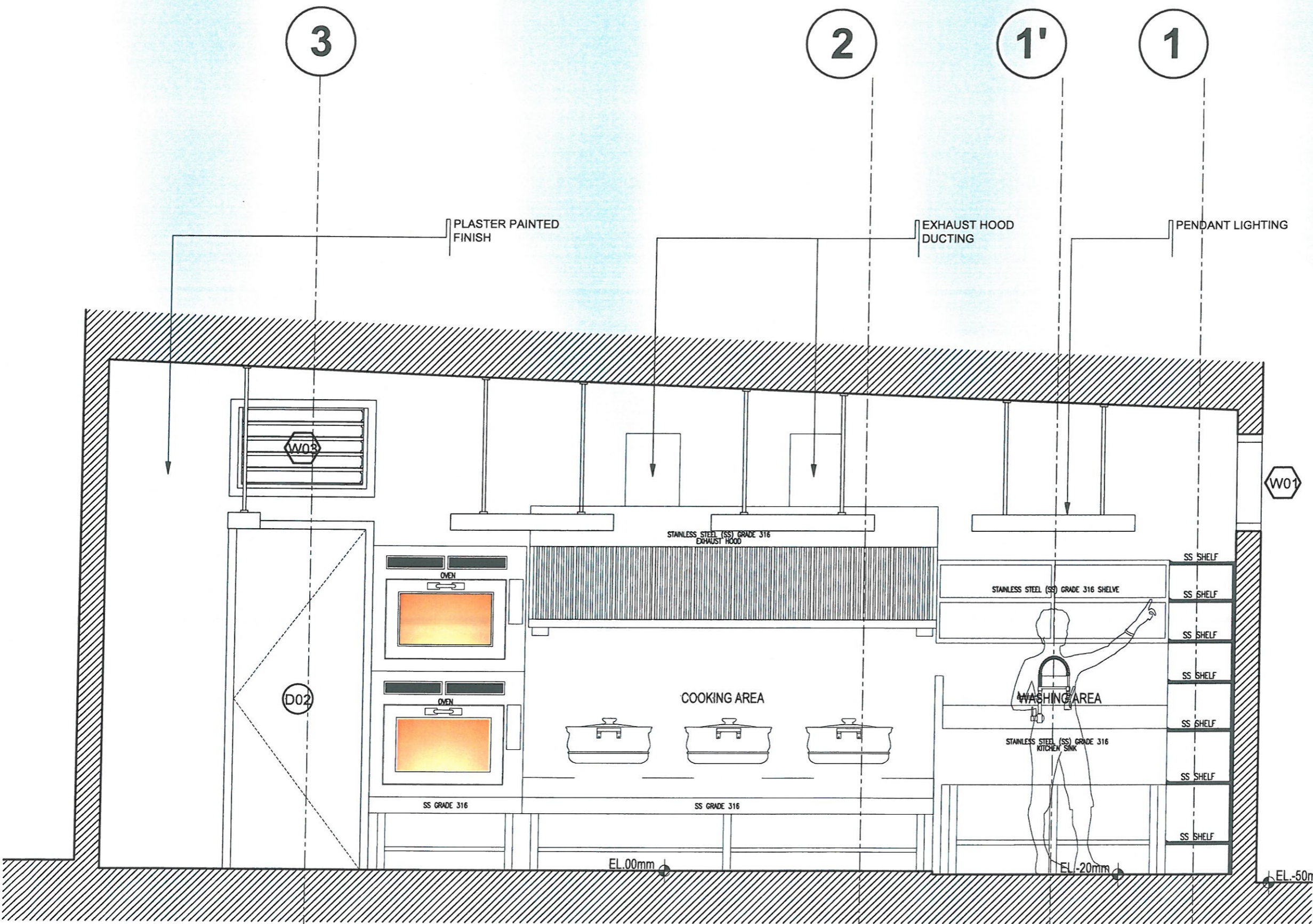
PREPARED/DESIGNED BY  
  
**AR. GLYXTER N. BUDJO**  
*ARCHITECT I - AD/BGMS*

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
AR	06/07	A3



ARCHITECTURAL DOCUMENTS  
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LONGITUDINAL SECTION  
 SCALE 1:25 METERS



**PROJECT NAME:**  
 PROPOSED REHABILITATION OF RRCY COMPLEX

**LOCATION:**  
 PAYDA BAYABAS, SABLAN, BENGUET

**SHEET CONTENT:**  
 RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN  
 -DOORS AND WINDOW SCHEDULE

**APPROVED BY**  
  
**LEO L. QUINTILLA**  
 Regional Director

**CONFORMED BY**  
  
**ENRIQUE H. GASCON JR.**  
 Dir. III/ ARD for Administration

**CHECKED BY**  
  
**RONILO R. FLORES**  
 OIC CHIEF- ADMINISTRATIVE DIVISION

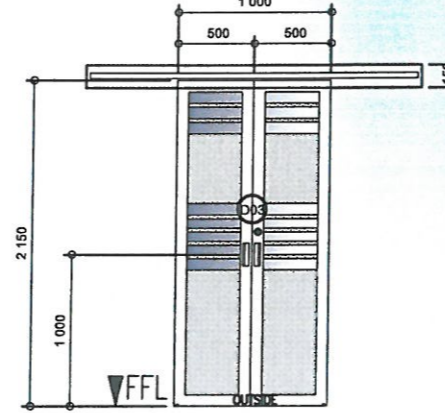
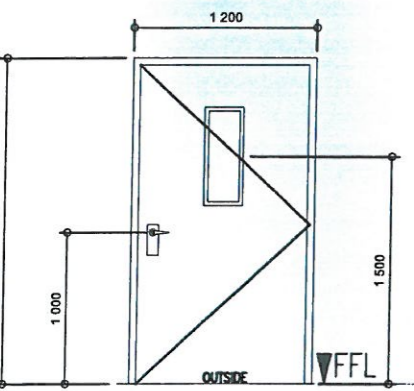
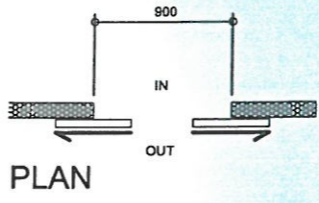
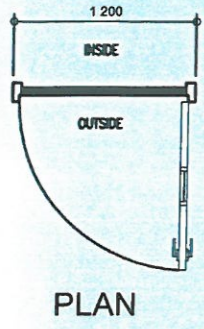
**PREPARED/DESIGNED BY**  
  
**AR. GLYSTER N. RUBIO**  
 ARCHITECT- AD/BGMS

**PROJECT/TA No:**  
 CAR-FO-AD-BGMS-A-PR-23-06-20215-S

**DATE SUBMITTED:**  
 30 JUNE 2023

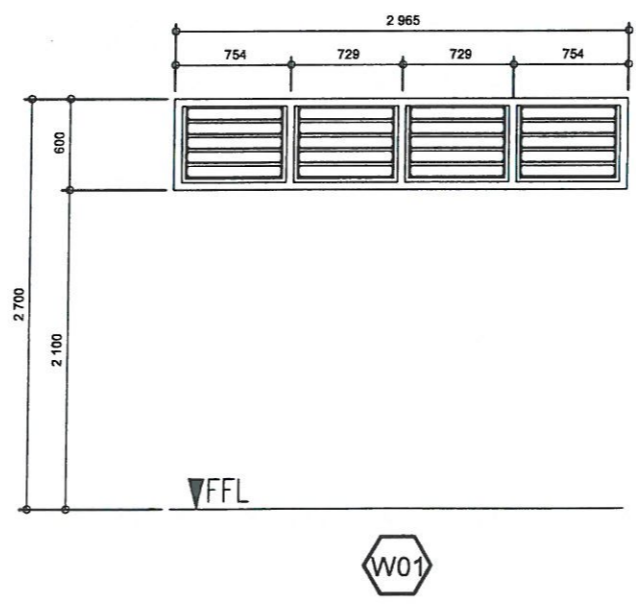
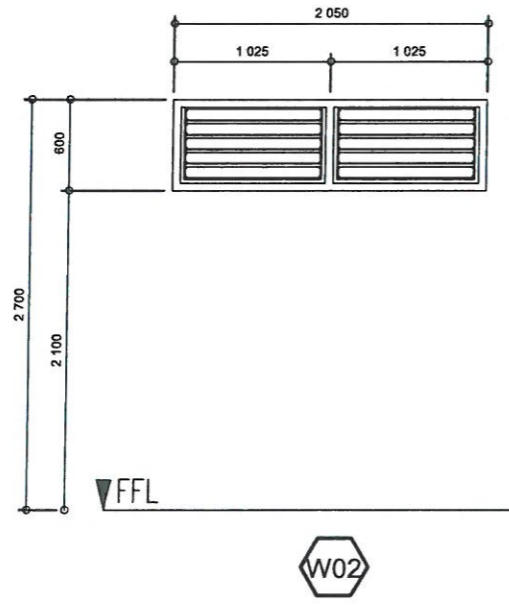
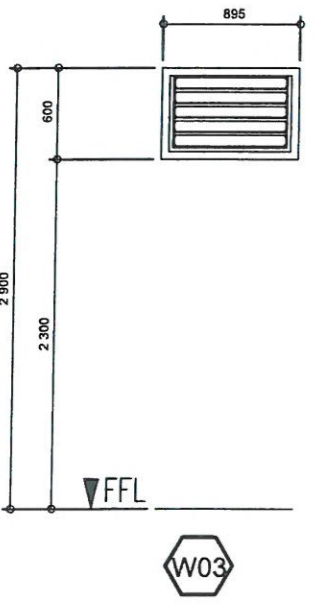
DATE	DESCRIPTION/REMARKS	BY

**PLAN CATEGORY** AR   **SHEET NUMBER** 07/07   **PAPER SIZE** A3



<b>D01</b>	
DOOR TYPE	SINGLE SWING STEEL DOOR ON STEEL DOOR JAMB
DOOR SIZE	1200mm X 2150mm
DOOR SHUTTER THICKNESS	46 mm
DOOR FRAME	125mm X 60mm/ SINGLE REBATED
HINGE	4-PCS FIRST CLASS HEAVY DUTY STAINLESS STEEL BUTT HINGES (BY APPROVED MANUFACTURER)
DOOR CLOSER	FIRST CLASS HEAVY DUTY OVERHEAD DOOR CLOSER (BY APPROVED MANUFACTURER)
PANIC BAR	
DOOR HANDLE	FIRST CLASS HEAVY DUTY LEVER TYPE WITH LOCK
VISION PANEL	200mm X 300mm 2HRS FIRE RATED SAFETY GLASS
LOCATION	KITCHEN
REQUIRED SET	2 SETS

<b>D01</b>	
DOOR TYPE	ALUMINUM POWDER COATED DOUBLE SLIDING DOOR
DOOR SIZE	1000mm X 2150mm
DOOR SHUTTER THICKNESS	46 mm
DOOR GUIDE	FIRST CLASS HEAVY DUTY TOP TRACK WITH COVER & BOTTOM GUIDE WITH COMPLETE ACCESSORIES
DOOR HANDLE	FIRST CLASS HEAVY DUTY 38MM X 150MM RECESSED HANDLE ALUMINUM BRUSHED FINISH
LOCKSET	FIRST CLASS HEAVY DUTY DEADBOLT FOR DOUBLE SLIDING DOOR
VISION PANEL	2050mm X 375mm X 8MM THICK TEMPERED GLASS W/ SMOKE FINISH FILM
LOCATION	KITCHEN PANTRY
REQUIRED SET	1 SET



<b>W01, W02, W03</b>	
WINDOW TYPE	JALOUSIE WINDOW/ LOUVER TYPE WINDOW
GLASS/ GLAZING AND WINDOW ASSEMBLY	6mm THICK ORDINARY GLASS WITH POWDER COATED ALUMINUM FRAMING SYSTEM WITH COMPLETE & REQUIRED ACCESSORIES
REQUIRED SET	W01= 1 SET W02= 1 SET W03= 2 SETS

**1 WINDOW AND DOOR SCHEDULE**  
 AR 07 SCALE 1:50 METERS

ARCHITECTURAL DOCUMENTS  
 ISSUED FOR PRE- PROCUREMENT PURPOSES ONLY - 30 JUNE 2023

**1. REINFORCED CONCRETE:**

- 1.1. THE QUALITY AND DESIGN OF ALL REINFORCED CONCRETE CONSTRUCTION SHALL CONFORM TO THE BUILDING REQUIREMENT FOR REINFORCED CONCRETE (ACI - 318 - 7) AND MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI - 315 - 615).
- 1.2. THE CONTRACTOR SHALL SUBMIT THE SCHEDULE OF CONCRETE POURING AND LOCATION OF CONSTRUCTION JOINTS TO THE ENGINEER AT LEAST THREE (3) DAYS BEFORE POURING FOR APPROVAL. THE CONTRACTOR SHALL KEEP ALL CONCRETE MOIST FOR A MINIMUM OF TWENTY FOUR (24) HOURS AFTER THE CONCRETE HAS BEEN POURED.
- 1.3. TRIAL BATCHES FOR JOB MIXED CONCRETE SHALL BE PREPARED, CURED AND TESTED AT A REPUTABLE LABORATORY BY THE CONTRACTOR FOR APPROVAL OF THE STRUCTURAL ENGINEER.
- 1.4. WHEN POURING CONCRETE, A MECHANICAL VIBRATOR SHALL BE USED TO INSURE ITS CONSISTENCY. NO CONCRETE SHALL BE POURED WITH A VERTICAL DROP OF NO MORE THAN TWO (2) METERS OTHERWISE, CHUTES MUST BE USED TO MAINTAIN QUALITY AND CONSISTENCY OF CONCRETE.

**2. REINFORCING STEEL BARS:**

- 2.1. ALL REINFORCING STEEL BARS UNLESS OTHERWISE SHOWN ON PLANS SHALL BE BILLET STEEL IN ACCORDANCE WITH ASTM SPECIFICATION DESIGNATION A - 15 WITH DEFORMATION CONFORMING TO ASTM SPECIFICATION DESIGNATION A - 305.
- 2.2. UNLESS OTHERWISE NOTED ON PLAN, BARS 12 mm AND SMALLER SHALL BE STRUCTURAL GRADE (GRADE 40), BARS 16 mm AND LARGER SHALL BE INTERMEDIATE GRADE (GRADE 40).
- 2.3. ALL SPLICES SHALL WELD TOGETHER AND LAP SPLICES SHALL HAVE A MINIMUM LENGTH OF 40 TIMES BAR DIAMETER UNLESS OTHERWISE NOTED ON PLAN, NO MORE THAN FIFTY (50) PERCENT OF THE TOTAL NUMBER OF REINFORCING BARS SHALL BE SPLICED AT ANY ONE POINT FOR BEAMS AND COLS.
- 2.4. LAP SPLICE LOCATIONS SHALL BE:
  - 2.4.1. BEAMS AND GIRDERS : TOP BARS AT MIDSPAN AND BOTTOM BARS AT SUPPORT
  - 2.4.2. COLUMNS : AT MIDDLE THIRDS
- 2.5. ALL REINFORCING BARS SHALL BE FREE FROM OIL, GREASE OR ANY OTHER SUBSTANCE BEFORE CONCRETE IS ALLOWED TO BE POURED TO INSURE PROPER BONDING OF CONCRETE AND STEEL.
- 2.6. THE MINIMUM CLEAR COVER FOR REINFORCING STEEL BARS SHALL BE AS FOLLOWS:
 

2.6.1. FOUNDATIONS	: 75mm
2.6.2. SLABS ON GARDE	: 25mm
2.6.3. SURFACE EXPOSED TO WEATHER	: 50mm FOR 20mm DIA. AND LARGER BARS
2.6.4. COLUMNS	: 40mm
2.6.5. BEAMS AND GIRDERS	: 40mm
2.6.6. SUSPENDED SLAB AND STAIRS	: 20mm
2.6.7. R.C. WALLS AND SHEAR WALLS	: 25mm
- 2.7. ARRANGEMENT OF TWO - WAY SLAB REINFORCING BARS :
  - 2.7.1. IN TWO -WAY SLAB DETAILING, THE BARS ALONG THE SHORT SPAN BE AT THE LOWER LAYER FOR BOTTOM BARS AND AT THE UPPER LAYER FOR TOP BARS SO THAT THE BARS ALONG THE SHORTER SHALL HAVE THE BIGGER EFFECTIVE DEPTH UNLESS OTHERWISE NOTED OR DETAILED DUE TO THE CONTINUITY OF BARS FROM ADJOINING SPANS.
  - 2.7.2. IF THE TOP REINFORCEMENT OVER A COMMON SUPPORT OF TWO ADJACENT SPANS ARE DIFFERENT, THE SMALLER SPACING SHALL BE FOLLOWED OR ADOPTED ON BOTH SLAB PANELS AT THAT COMMON SUPPORT.
- 2.8. UNLESS OTHERWISE SPECIFIED ON PLAN, REINFORCING BAR ARRANGEMENT SHALL BE SUCH THAT:
  - 2.8.1. WHEN A BEAM CROSSES A GIRDER, REST BEAM BARS ON TOP OF GIRDER BARS. REINFORCING BARS SHALL BE SYMMETRICAL ABOUT THE CENTERLINE WHENEVER POSSIBLE AND UPPER LAYERS SHALL BE PLACED DIRECTLY ABOVE THOSE IN THE BOTTOM LAYER.
- 2.9. REINFORCING BAR PLACEMENT, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE PROPERLY SECURED IN THEIR POSITIONS AND INSPECTED BY THE WORKS ENGINEER BEFORE ANY CONCRETING ACTIVITY IS ALLOWED.

**3. REINFORCING STEEL BARS:**

- 3.1. CELL CONTAINING REINFORCEMENTS SHALL BE SOLIDLY FILLED WITH GROUT IN LIFTS NOT EXCEEDING 1200 mm AND POURING SHALL BE STOPPED BELOW THE TOP OF THE COURSE SUCH THAT A KEY SHALL BE PROVIDED AT POURING JOINTS.
- 3.2. VERTICAL CELLS TO BE FILLED SHALL HAVE A VERTICAL ALIGNMENT TO MAINTAIN A CONTINUOUS UN-OBSTRICTED CELL AREA OF NOT LESS THAN 50 mm x 750 mm.
- 3.3. ALL VERTICAL BARS SHALL BE HELD IN POSITION BY SECURING THEM BY MEANS OF THE WIRES AT TOP AND BOTTOM OF REINFORCEMENT AND AT INTERVALS NOT TO EXCEED 192 TIMES THE BAR DIAMETER.

**4. FOUNDATION:**

- 4.1. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL.
- 4.2. UNLESS OTHERWISE SPECIFIED ON PLAN, THE MINIMUM DEPTH OF FOUNDATION SHALL BE 2000 mm REFERRED FROM THE FINISHED GRADE LINE TO THE TOP OF FOOTING.

**5. FORMWORKS:**

- 5.1. FORMS OF ADEQUATE SIZE AS TO SHAPE OF MEMBERS SHALL BE MAINTAINED AND SHORING SHALL BE IN PLACE UNTIL CONCRETE HAS ATTAINED THEIR WORKING CONDITIONS AND STRENGTH. SCHEDULE FOR THE REMOVAL OF FORMS SHALL BE AS FOLLOWS:
  - 5.1.1. BEAMS, GIRDERS, AND SUSPENDED SLABS
  - 5.1.2. COLUMNS AND BEARING WALLS
- 5.2. WHEN CONCRETE FLOOR IS TO BE POURED AT LEAST TWO (2) FLOORS SHALL BE SHORED TO SUPPORT.

**6. SIZES OF AGGREGATES TO BE USED:**

- 6.1. THE FOLLOWING SHALL BE THE MAXIMUM SIZES OF AGGREGATES TO BE USED FOR VARIOUS PURPOSES OF CONCRETE CONSTRUCTION:

MINIMUM DIMENSIONS OF SECTIONS (mm)	REINFORCED WALLS, BEAMS AND COLUMNS (mm)	UN- REINFORCED WALLS (mm)	HEAVILY REINFORCED SLAB (mm)	LIGHTLY REINF. OR UN- REINF. SLAB (mm)
63.50 - 127.00	12.50 - 19.00	19.00	19.00 - 25.40	19.00 - 38.10
152.40 - 279.40	19.00 - 38.00	38.10	28.10	38.10 - 76.20
304.80 - 736.80	13.80 - 76.20	76.20	38.10 - 76.20	76.20
762.00 - OR MORE	12.70 - 76.20	152.40	38.10 - 76.20	76.20 - 152.60

**7. STRUCTURAL STEEL SECTION:**

- 7.1. STRUCTURAL STEEL PLATES AND SHAPES SHALL CONFORM TO ASTM DESIGNATION A - 36 WITH A MINIMUM SPECIFIED YIELD STRENGTH OF 249 MPa.

COLD - FORMED STEEL SHALL CONFORM TO ASTM DESIGNATION A - 611 WITH A MINIMUM SPECIFIED YIELD STRENGTH OF 227 MPa.

- 7.2. WELDING ELECTRODES FOR MANUAL SHIELDED METAL - ARC WELDING SHALL CONFORM TO E70 XX AND TO THE AMERICAN WELDING SOCIETY (AWS) SPECIFICATION D - 1.1.
- 7.3. MINIMUM THICKNESS OF WELD SHALL BE 6.00 mm.
- 7.4. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A - 325 HIGH STRENGTH BOLTS, TYPE 1 OR TYPE 2.

**8. REFERENCE TO OTHER DRAWINGS :**

- 8.1. SEE ARCHITECTURAL DRAWINGS FOR KINDS OF FLOOR FINISH, DEPRESSIONS IN FLOOR SLABS, OPENINGS ON WALLS. SLBS. INTERIOR PARTITIONS. LOCATIONS OF DRAINS ETC

**9. DIMENSIONS :**

- 9.1. IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES OR SIZES OF STRUCTURAL MEMBERS SHALL NOT BE SCALED FOR USE IN CONSTRUCTION.

**10. DISCREPANCIES :**

- 10.1. STRUCTURAL DRAWINGS SHALL BE COMPARED WITH THE ARCHITECTURAL DRAWINGS AS TO LAYOUT, DIMENSIONS AND ELEVATIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER FOR PROPER ACTION BEFORE EXECUTION OF THE WORK INVOLVED.

**11. SHOP DRAWINGS :**

- 11.1. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR APPROVAL SHOP OR SETTINGS DRAWING, TEMPLATES, OR PATTERNS BEFORE ANY ALTERATION, VARIATIONS OR CORRECTIONS FROM THE PLAN ARE EXECUTED OR IMPLEMENTED.

**FOUNDATION:**

THE WORK INCLUDED IN THIS DIVISION COMPRISES THE FURNISHING OF ALL LABOR, MATERIALS, AND OTHER FACILITIES AND THE SATISFACTORY PERFORMANCE OF ALL WORK NECESSARY TO COMPLETE THE PREPARATION FOR FOUNDATION AND FOOTINGS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.

**CONCRETE WORKS:**

CONCRETE FOR ALL FOUNDATION ELEMENTS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3 500 Psi. DETAILS ARE SPECIFIED ON PLANS.

**CONCRETE CURING:**

AFTER FINISHING SURFACES, CURING SHALL BE DONE BY KEEPING THE CONCRETE MOIST FOR AT LEAST ONE (1) WEEK AFTER POURING. FLOOR AND VERTICAL SURFACES MAY BE SPRAYED WITH AN APPROVED PREPARATION TO RETARD EVAPORATING WATER OR MOIST PROVIDED, SPRAYING IS NOT OBJECTIONABLE BECAUSE OF SUBSEQUENT FINISH. CURING SHALL BEGIN AS SOON AS CONCRETE HAS ATTAINED ITS INITIAL SET.

**REPAIR OF CONCRETE:**

REPAIR OF CONCRETE IMPERFECTION SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS AFTER REMOVAL OF FORMS. PINE SHALL BE NEATLY REMOVED FROM EXPOSED SURFACES.

**CEMENT AND MASONRY WORKS:**

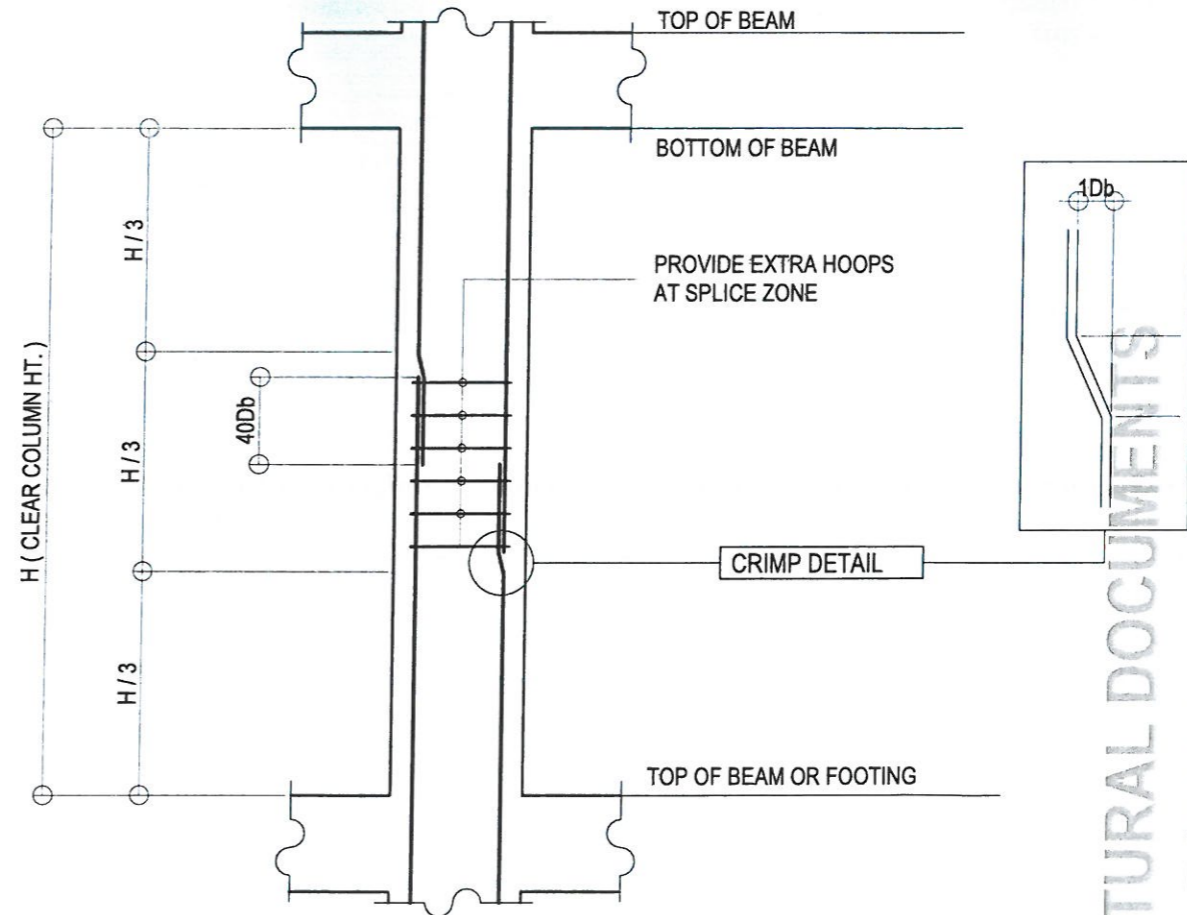
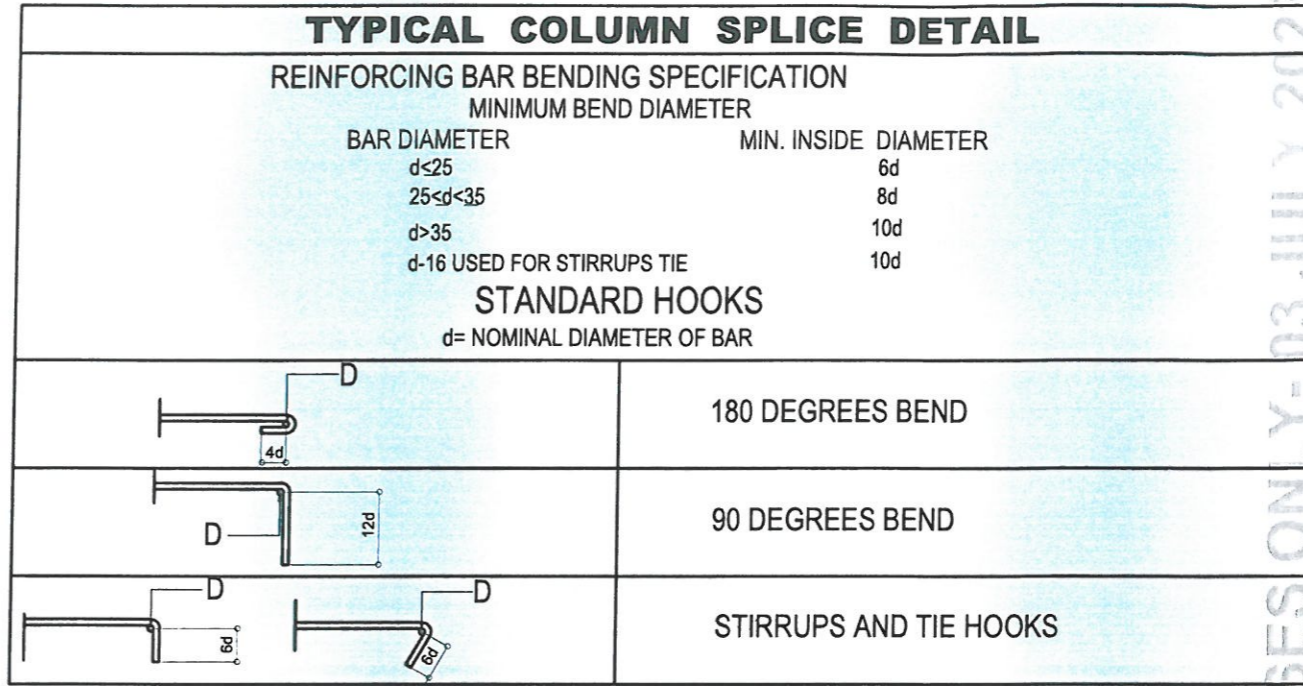
THE WORK INCLUDED IN THIS DIVISION SHALL INCLUDE LABOR, MATERIALS, EQUIPMENT AND OTHER FACILITIES FOR THE SATISFACTORY PERFORMANCE OF ALL NECESSARY ACTIVITIES TO COMPLETE THE CEMENT AND MASONRY WORKS, WHICH ARE GIVEN IN THE DRAWINGS ARE SPECIFIED HEREIN.

**MORTAR:**

CEMENT MORTAR SHALL BE ONE (1) PART OF PORTYLAND CEMENT AND TWO (2) PARTS OF SAND BY VOLUME BUT NOT MORE THAN ONE (1) PART PORTLAND CEMENT AND THREE (3) PARTS OF SAND BY VOLUME MATERIAL.

**REINFORCED CONCRETE:**

THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS TO COMPLETE CONCRETE WORKS INDICATED AS SPECIFIED HEREIN, OR BOTH. COOPERATE WITH OTHER TRADES REGARDING THE INSTALLATION OF EMBEDDED ITEMS. PORTLAND CEMENT SHALL BE USED AND SHALL CONFORM TO THE "SPECIFICATIONS FOR PORTLAND CEMENT" (ASTM C1 50 LATEST REVISION) FOR TYPE 1 PORTLAND CEMENT.



**TYPICAL COLUMN SPLICE DETAIL**

**1 STR 01 STRUCTURAL NOTES**

SCALE

1:50 METERS

PROJECT NAME :  
  
RENOVATION OF RRCY  
ADMINISTRATIVE BUILDING KITCHEN

LOCATION :  
  
PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :  
RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-STRUCTURAL NOTES

APPROVED BY  
  
LEO L. QUINTILLA  
Regional Director

CONFORMED BY  
  
ENRIQUE H. GASCON  
DIR III / ARD for Administration

CHECKED BY  
  
RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
  
ENGR. COLLIN JONES C. TUNGOL  
ENGINEER II- AD/BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

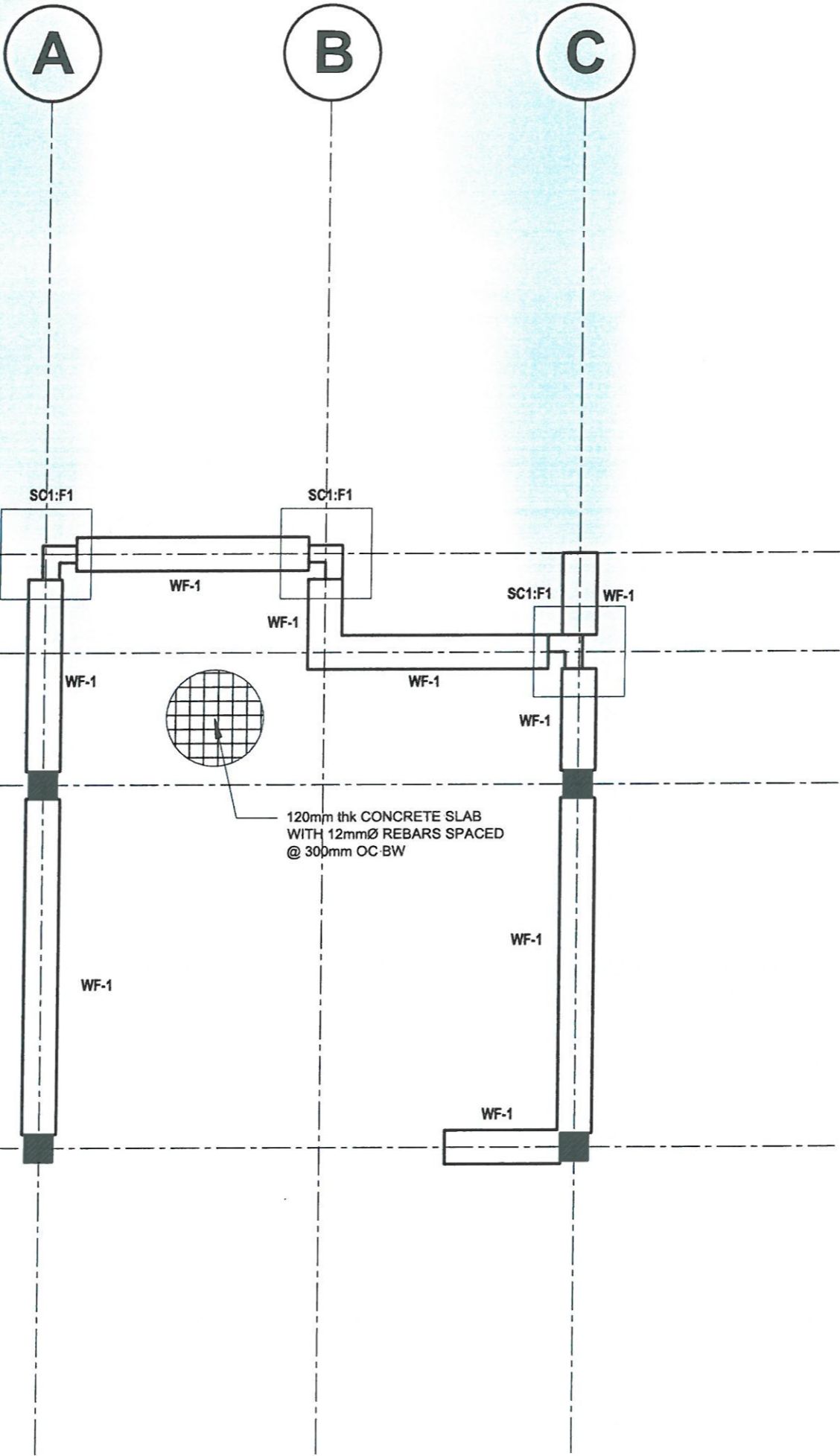
DATE SUBMITTED:  
  
03 JULY 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
STR	01/03	A3



- 1
- 1'
- 2
- 3



1  
STR 02

**FLOOR FRAMING PLAN**  
SCALE 1:50 METERS



ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**RENOVATION OF RRCY  
ADMINISTRATIVE BUILDING KITCHEN**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-FLOOR FRAMING PLAN**

APPROVED BY  
  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
  
**ENRIQUE H. GASCON**  
DIR III/ AD for Administration

CHECKED BY  
  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

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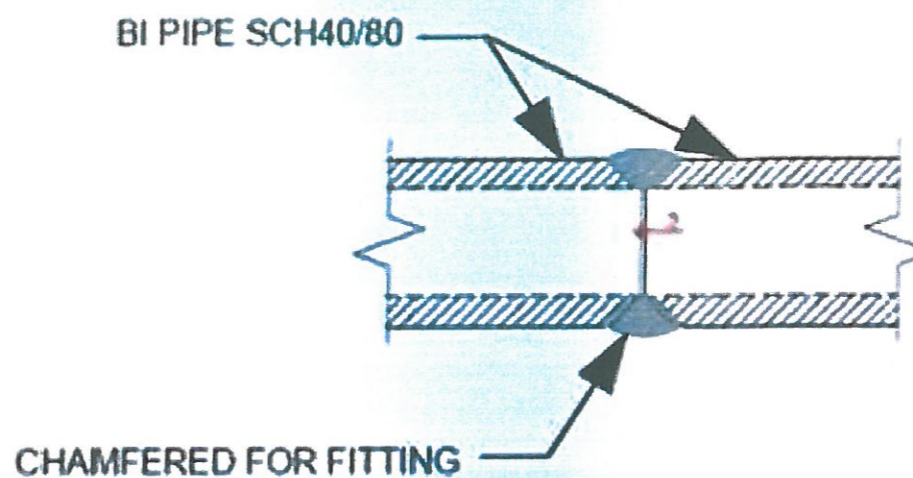
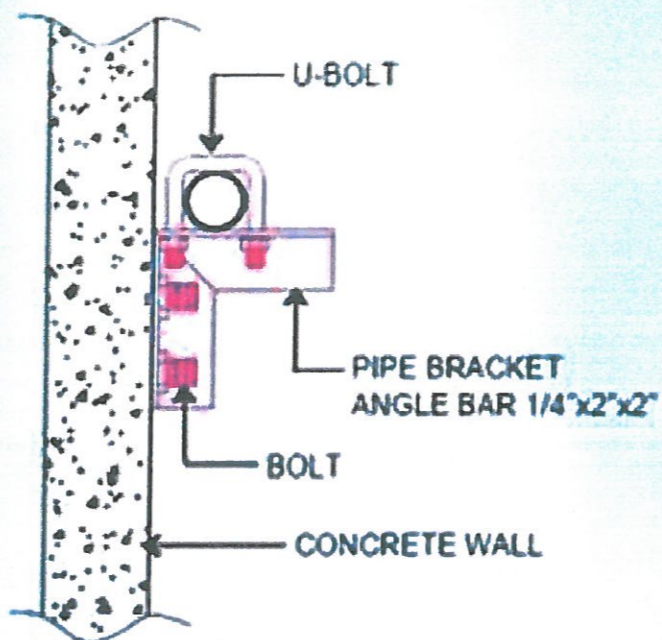
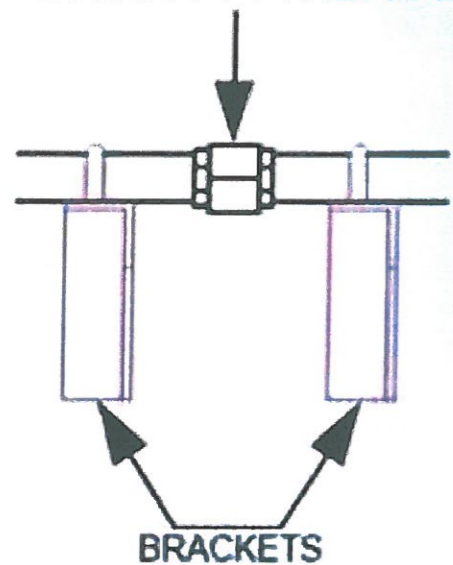
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**03 JULY 2023**

DATE	DESCRIPTION/REMARKS	BY

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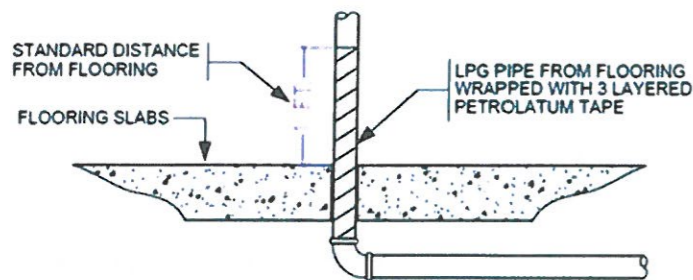
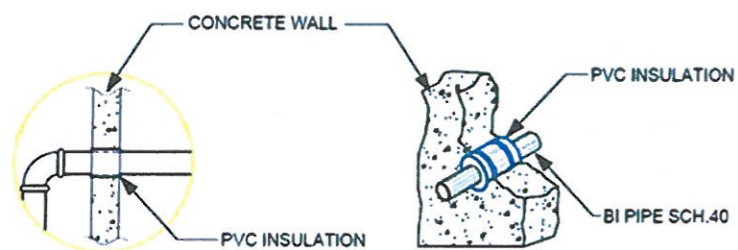


UNION PATENTE



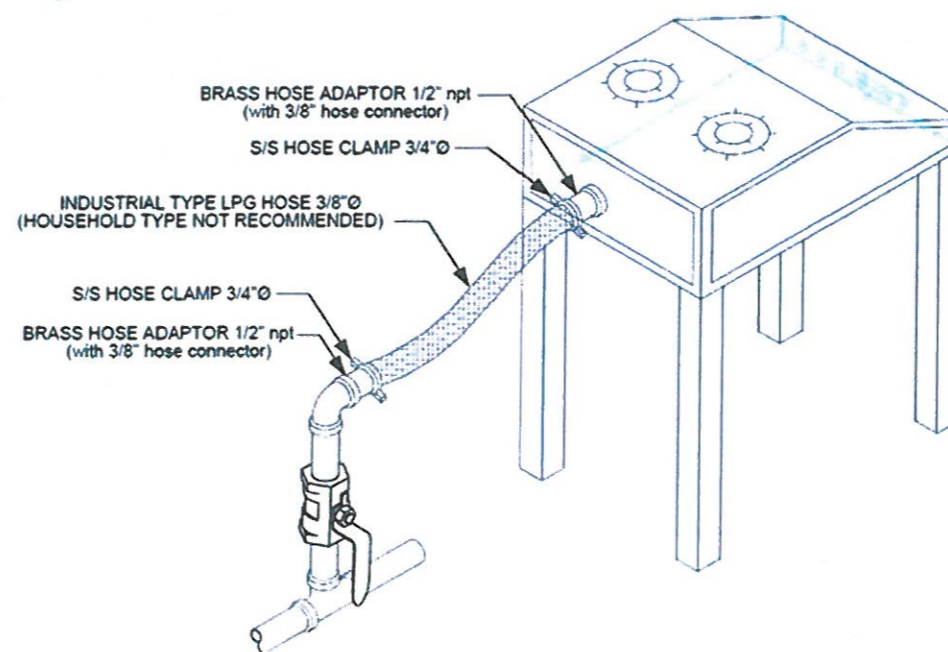
UNION PATENTE BRACKET & PIPE CONNECTION WELD DETAILS

1 ME-05 SCALE NTS



2 PIPE THRU WALL DETAILS

ME-05 SCALE NTS



3 TYPICAL LPG HOSE CONNECTION ASSEMBLY

ME-05 SCALE NTS

1 LPG GAS EQUIPMENT DETAILS

ME-05 SCALE 1:50 METERS



**ADMINISTRATIVE DIVISION**  
**FIELD OFFICE CAR**  
 DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
 PROPOSED REHABILITATION OF  
 RRCY COMPLEX

LOCATION:  
 PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
 RENOVATION OF RRCY ADMINISTRATIVE  
 BUILDING KITCHEN  
 -LPG GAS EQUIPMENT DETAILS

APPROVED BY  
  
 LEO L. QUINTILLA  
 Regional Director

CONFORMED BY  
  
 ENRIQUE H. GASCON JR.  
 DIR III - AD for Administration

CHECKED BY  
  
 RONILO R. FLORES  
 OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
  
 AR. GLYXTER N. RUDIO  
 ARCHITECT- AD/BGMS

PROJECT/TA No:  
 CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:  
 30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY: ME SHEET NUMBER: 05/08 PAPER SIZE: A3

MECHANICAL DOCUMENTS  
 ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY-30 JUNE 2023





ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME :

PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION :

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :  
RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-AUTOMATIC KITCHEN FIRE SUPPRESSIONS  
SYSTEM (AKFSS) LAYOUT

APPROVED BY

LEO L. QUINTILLA  
Regional Director

CONFORMED BY

ENRIQUE H. GASCON JR.  
DIR for Administration

CHECKED BY

RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

AR. GLYSTER N. BUDIO  
ARCHITECT- AD/BGMS

PROJECT/TA No:

CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:

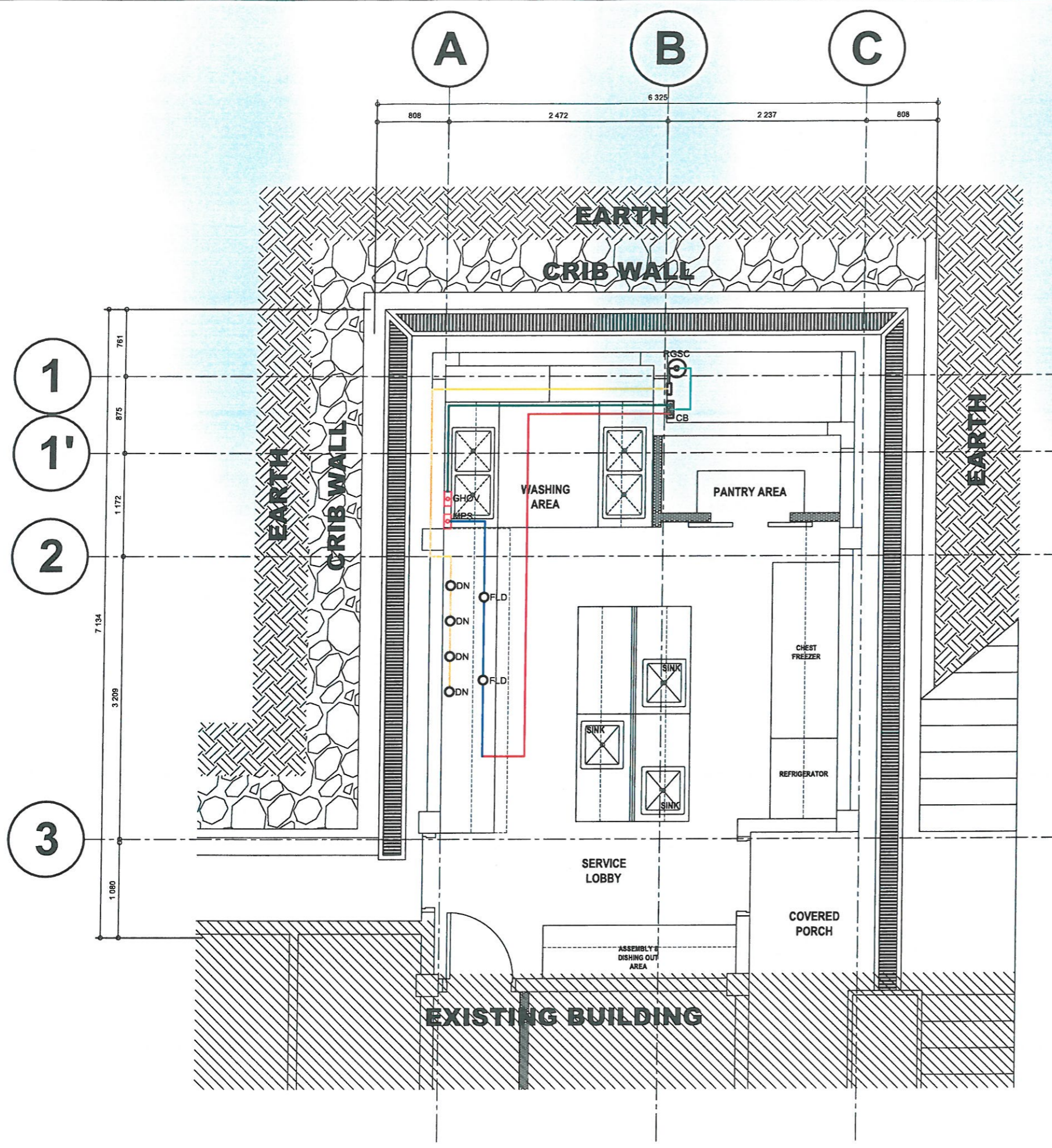
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
ME	06/08	A3

NOTE:

- PROVIDE SUFFICIENT KFSS NOZZLES FOR EACH COOKING RANGE POSITIONED MINIMUM 45° IN ANGLE AND DIRECTED TOWARDS COOKING RANGE.
- PROVIDE KFSS NOZZLE ON KITCHEN HOOD EXHAUST PLENUM.



1 AUTOMATIC KITCHEN FIRE SUPPRESSION SYSTEM (AKFSS) LAYOUT  
ME 06 SCALE 1:50 METERS

MECHANICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY 30 JUNE 2023





ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME :

PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION :

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT :  
RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-AUTOMATIC KITCHEN FIRE SUPPRESSIONS  
SYSTEM (AKFSS) LAYOUT

APPROVED BY

LEO L. QUINTILLA  
*Regional Director*

CONFORMED BY

ENRIQUE H. GASCON JR.  
*DIR III / AFD for Administration*

CHECKED BY

RONILO R. FLORES  
*OIC CHIEF - ADMINISTRATIVE DIVISION*

PREPARED/DESIGNED BY

AR. GLYXTER N. RUDIO  
*ARCHITECT - AD/BGMS*

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

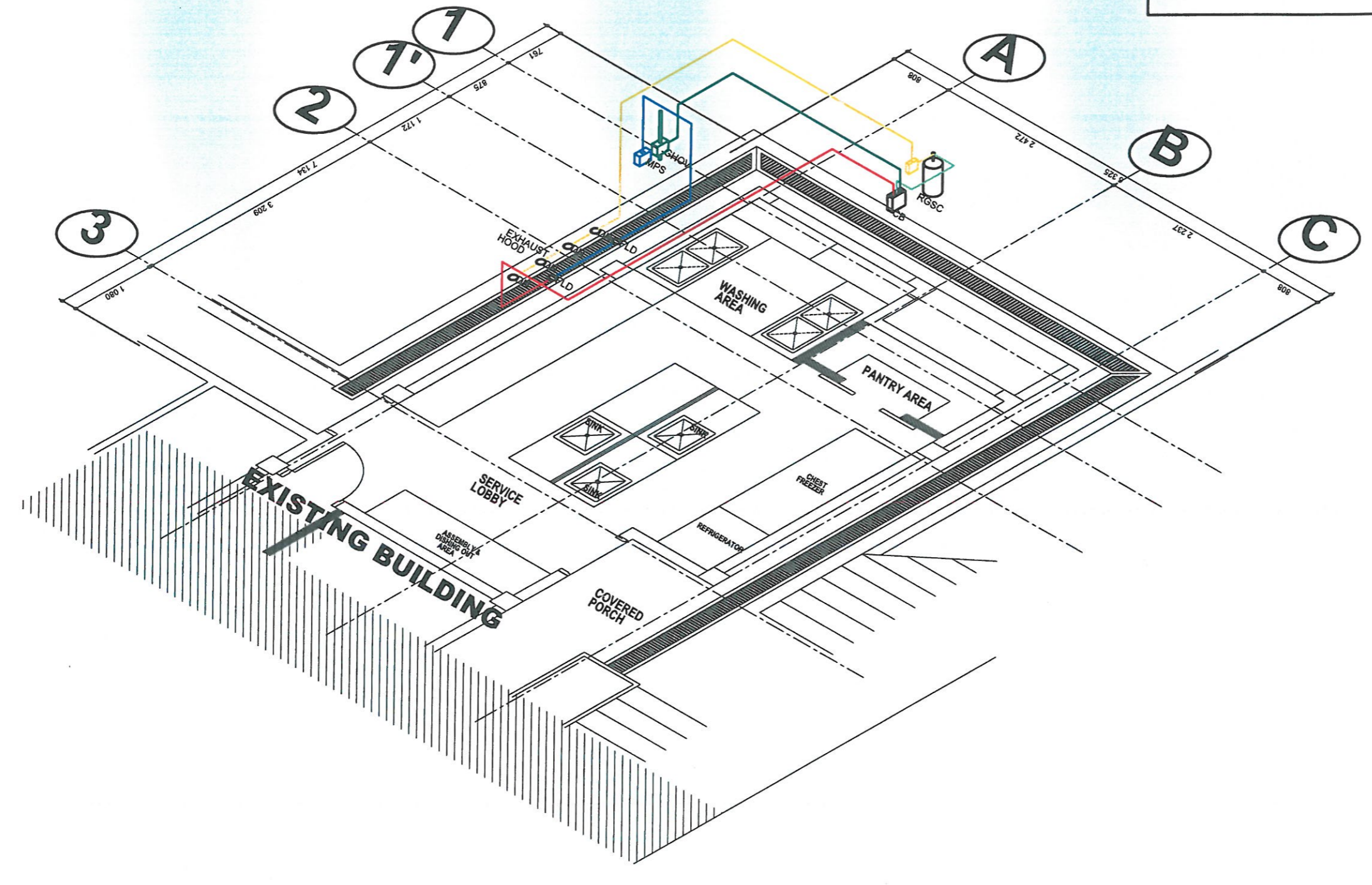
DATE SUBMITTED:

30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
ME	07/08	A3

- NOTE:
- PROVIDE SUFFICIENT KFSS NOZZLES FOR EACH COOKING RANGE POSITIONED MINIMUM 45° IN ANGLE AND DIRECTED TOWARDS COOKING RANGE.
  - PROVIDE KFSS NOZZLE ON KITCHEN HOOD EXHAUST PLENUM.



MECHANICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY 30 JUNE 2023

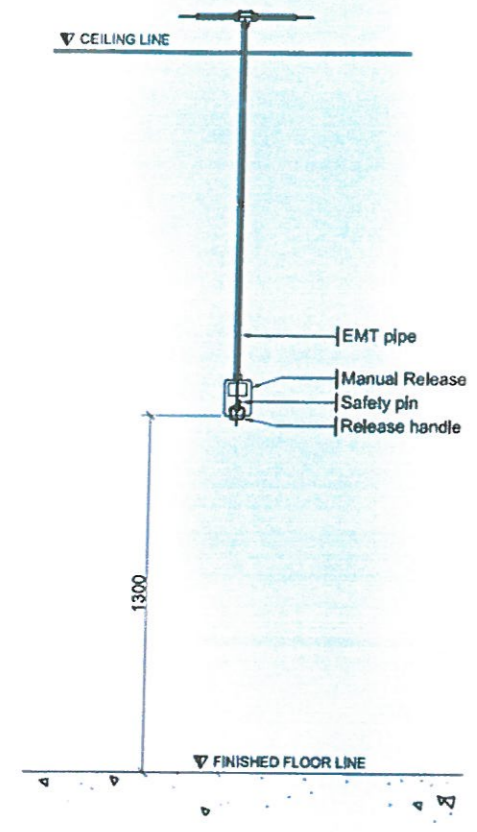
1  
ME 07  
SCALE

**AUTOMATIC KITCHEN FIRE SUPPRESSION SYSTEM (AKFSS) ISOMETRIC DRAWING**

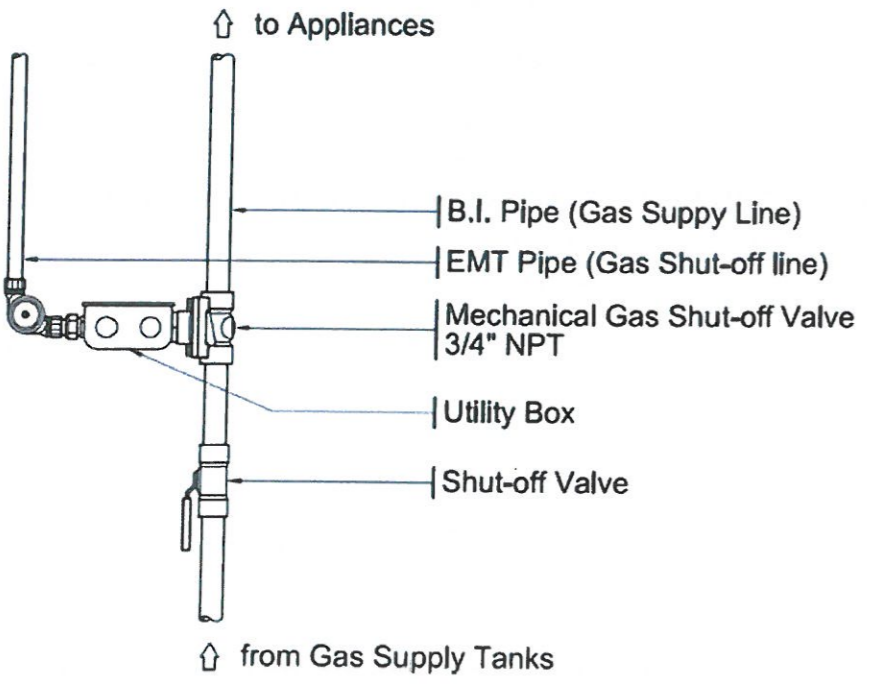
NTS



DATE	DESCRIPTION/REMARKS	BY



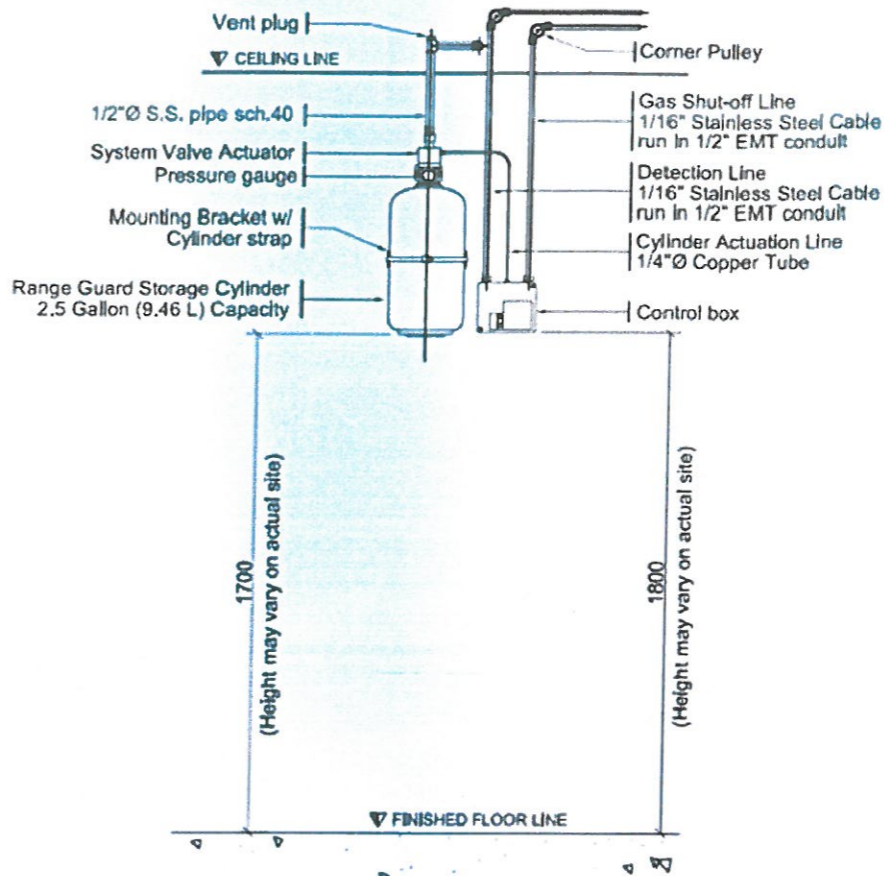
**3** MANUAL PULL STATION  
FP-02 SCALE NTS



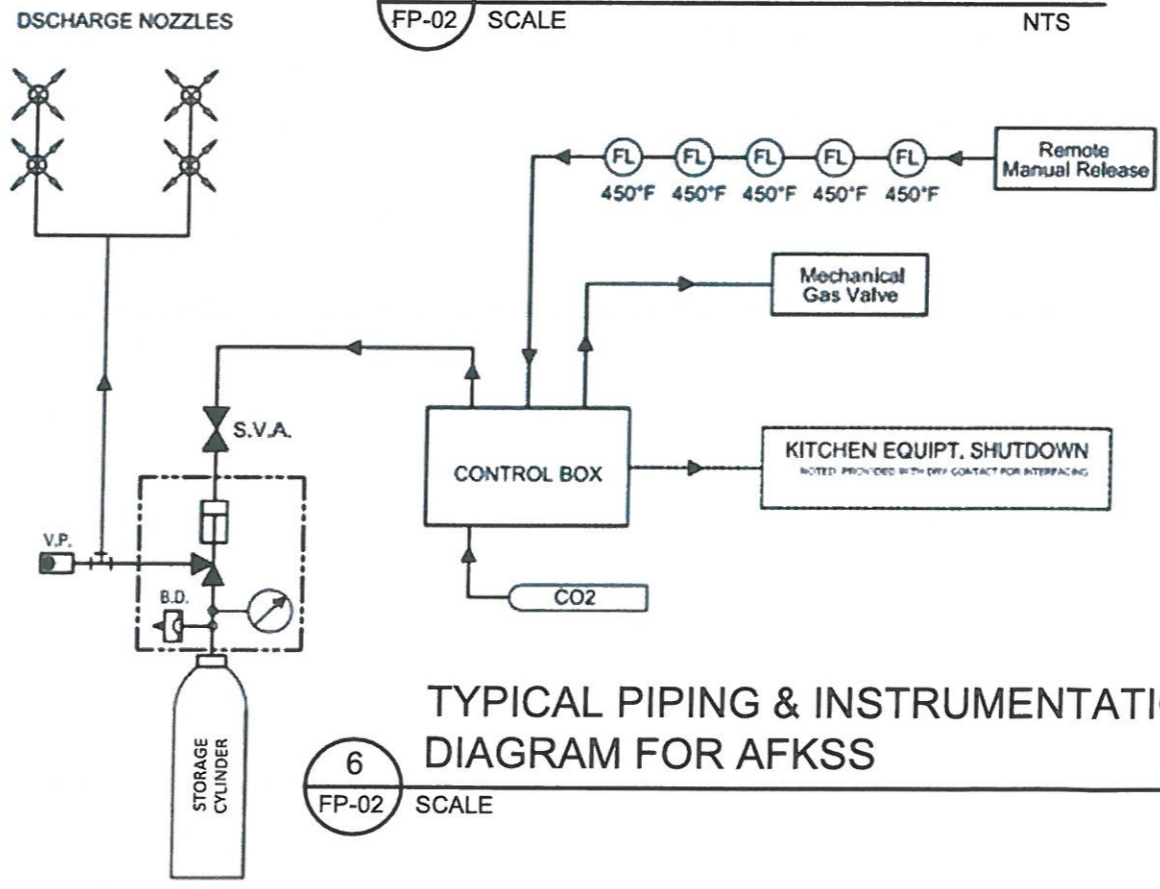
**4** GAS VALVE MOUNTING DETAIL  
FP-02 SCALE NTS

**NOTE:**

- PROVIDE SUFFICIENT KFSS NOZZLES FOR EACH COOKING RANGE POSITIONED MINIMUM 45° IN ANGLE AND DIRECTED TOWARDS COOKING RANGE.
- PROVIDE KFSS NOZZLE ON KITCHEN HOOD EXHAUST PLENUM.



**5** TYPICAL MOUNTING DETAIL  
FP-02 SCALE NTS



**6** TYPICAL PIPING & INSTRUMENTATION DIAGRAM FOR AKFSS  
FP-02 SCALE NTS

MECHANICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY-30 JUNE 2023



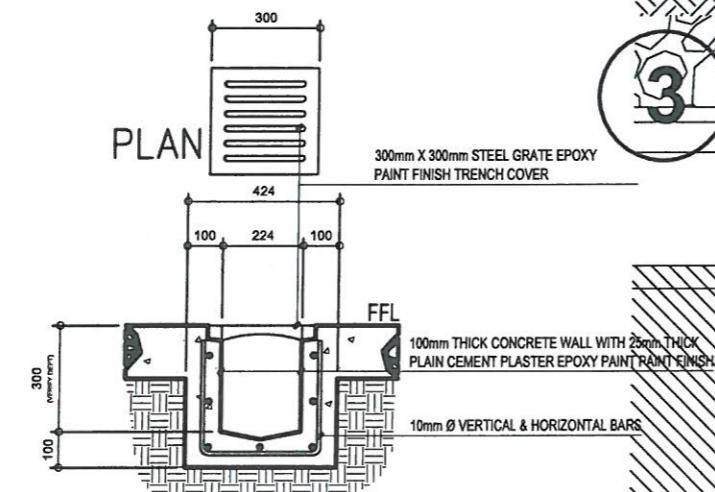
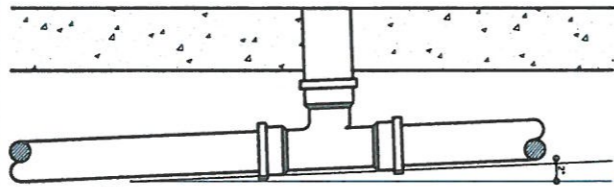
# GENERAL NOTES

- 1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE TO THE REQUIREMENTS OF THE PHILIPPINE PLUMBING CODE.
- 2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
- 3. THE PLUMBING LAYOUT IS ONLY DIAGRAMMATIC. PIPES CLEANOUTS AND CHECK VALVES SHALL BE CONCEALED.
- 4. ALL SLOPE OF HORIZONTAL BRANCHES (SEWER) MAINTAIN 1% A MINIMUM, UNLESS NOTED OTHERWISE.
- 5. AIR CHAMBER : ALL INDIVIDUAL BRANCHES TO FIXTURE OR GROUP OF FIXTURES AND/OR EQUIPMENT SHALL BE PROVIDED WITH AIR CHAMBER OF CAPPED VERTICAL PIPE EXTENSION OF DIMENSION AS SHOWN IN THE DETAIL.
- 6. ALL FLOOR DRAIN SHALL BE VENTED INDIVIDUALLY.
- 7. ALL CLEANOUTS SHALL BE FLUSH-MOUNTED TO WALL. DO NOT INSTALL FLOOR CLEANOUT EXCEPT AT LINES ON GRADE & SERVICE AREAS NOT SUBJECTED TO TRAFFIC.
- 8. ALL BRANCHES OF FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE OF CAPPED VERTICAL EXTENSION PIPE.
- 9. ALL UNDERGROUND GALVANIZED IRON (G.I.) INDIRECT CONTACT WITH SOIL SHALL BE PROVIDED WITH TWO(2) COATS OF TAR COVERING IN WRAPPED WITH JUTE CLOTH.
- 10. ALL PVC PIPE SHALL BE OF APPROVED QUALITY AND POLYPROPYLENE PIPES FOR WATER DISTRIBUTION SHALL BE TYPE 20.
- 11. ALL PLUMBING WORKS THEREIN, SHALL BE UNDER THE DIRECT SUPERVISION OF A REGISTERED MASTER PLUMBER AND OR A DULY LICENSED SANITARY ENGINEER.
- 12. WATER METER SHOULD BE LOCATED OUTSIDE THE PROPERTY LINE.
- 13. WATER SUPPLY FOR CISTERN AND SUPPLY LINE TO THE BUILDING MUST BE LOCATED ALONG PERIMETER FENCE 400m. HEIGHT ABOVE DRIVEWAY LEVEL WITH 3 LAYERS OF JUTE SACK AND BLACK COAL TAR.
- 14. WATER LINE LAYOUT FOR WASHROOM TO SUPPLY UNITS.
- 15. ALL WATER LINE SUPPLY FOR WASHROOMS SHALL NOT BE EMBEDDED IN SLAB, BLOCKS OUT SHALL BE PROVIDED FOR POSSIBLE DIRECTION OF PIPES.
- 16. ALL FINAL LOCATION OF TOILET FIXTURES SHALL BE BASED ON THE MODULAR SETTING OF TILES.
- 17. DOUBLE DRAINS FOR BATH TUBS.
- 18. DOWEL FOR DOWNSPOUTS AND REINFORCEMENT 100mm DIA. @ 600mm STAGGERED.
- 19. PVC CEMENT FOR JOINTS WITH EPOXY OUTSIDE BONDING.
- 20. RISER SHOULD NOT CROSS MASTER'S BEDROOM OR OTHER MAIN AREAS.
- 21. G.I. PIPE SHOULD BE PAINTED WITH RED LEAD OR BLACK COALTAR, IT SHOULD NOT BE EMBEDDED ON SLAB, SLEEVING OF PIPE IS REQUIRED ON BEAM. FOLLOW WATER LINE LAYOUT AS PER PLAN.

# LEGENDS:

- GV GATE VALVE
- ⊕ WATER METER
- ∇ CHECK VALVE
- WATER LINE
- WASTE PIPE
- === DRAINAGE PIPE
- OI OIL INTERCEPTOR
- WP WATER PIPE
- HB HOSE BIBB
- KS KITCHEN SINK
- HVP HORIZONTAL VENT PIPE
- VTW VENT THRU WALL
- VWP VERTICAL WASTE PIPE
- VP VENT PIPE
- CO CLEAN OUT
- FD FLOOR DRAIN
- CB CATCH BASIN
- GT GREASE TRAP

INSTALLED AT 2% OR 20mm SLOPE PER METER RUN



8 TRENCH DETAIL

**VENT & DOWNSPOUT**  
- 50 TO 150mm DIA. SHALL BE POLYVINYL CHLORIDE (PVC) PIPE

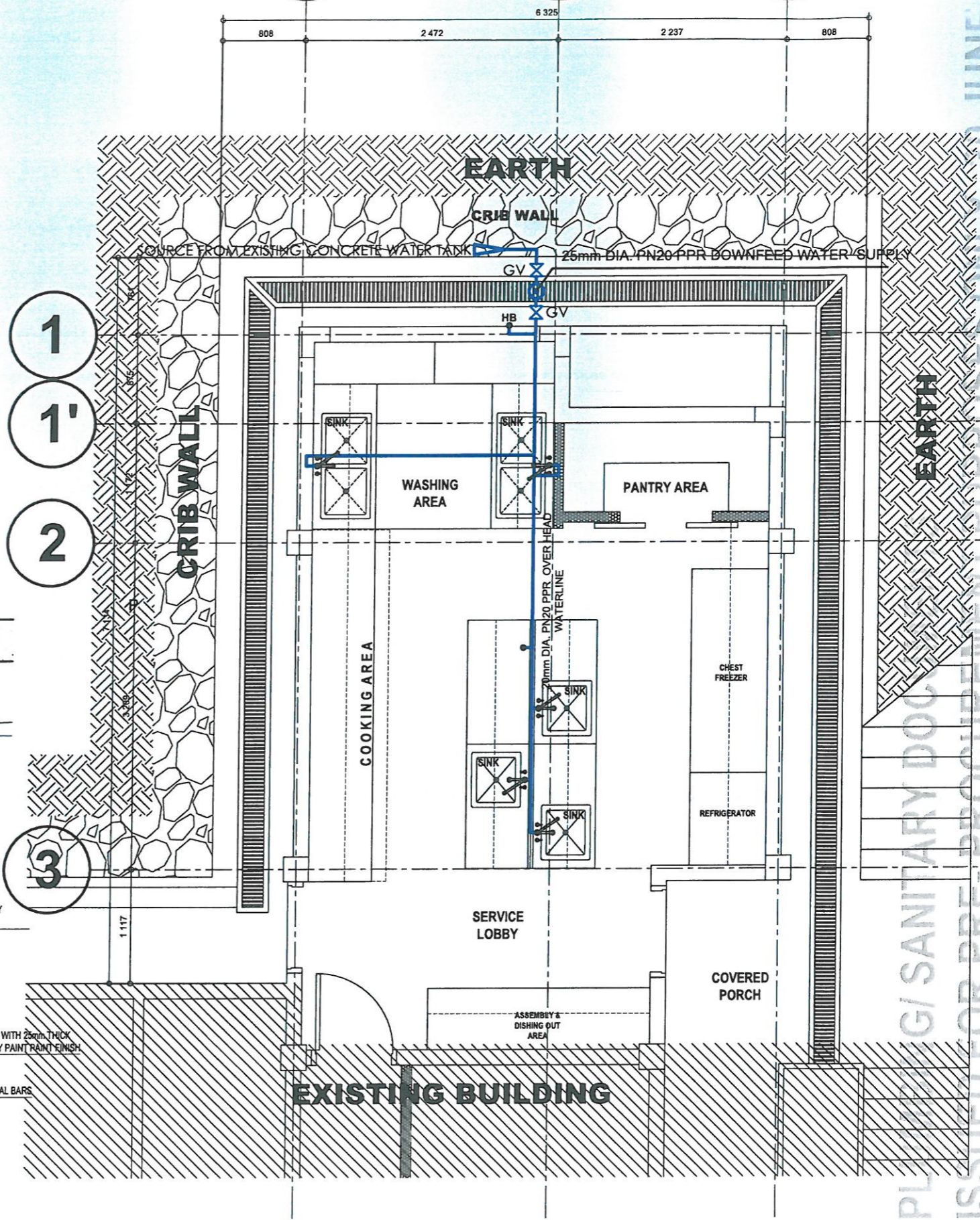
**DRAINAGE LINE**  
- 50 TO 150mm DIA. SHALL BE POLYVINYL (PVC) PIPE. SERIES 1000. MANUFACTURED ACCORDING TO ASTM 2729

**SEWER LINE**  
- 20 TO 150mm DIA. SHALL BE POLYVINYL CHLORIDE (PVC) PIPE. SDR- 35 MANUFACTURED ACCORDING TO ASTM 3034

**WATER LINE**  
- SHALL BE POLYPROPYLENE PIPES (PN20) "BOR PLUS", "UNITEC", OR "VESBO"

PIPE DIAMETER - ALL PIPE DIAMETERS INDICATED IN THE DRAWINGS ARE INSIDE DIAMETERS.

A B C  
808 2472 6325 2237 808



1 WATERLINE LAYOUT  
SCALE 1:50 METERS

**DSWD**  
Department of Social Welfare and Development  
**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
PROPOSED REHABILITATION OF RRCY COMPLEX

LOCATION:  
PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN - WATER LINE LAYOUT

APPROVED BY  
 LEO L. QUINTILLA  
Regional Director

CONFORMED BY  
 ENRIQUE H. GASCON JR.  
DIR III/ ARD for Administration

CHECKED BY  
 RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
 AR. GLYCER N. RUDIO  
ARCHITECT I- AD/BGMS

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:  
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE  
**PL 01/03 A3**

PROJECT NAME:

PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION:

PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-AIR AND KITCHEN EXHAUST FAN UNITS  
AND DUCTING LAYOUT (OUT)

APPROVED BY

LEO L. QUINTILLA  
*Regional Director*

CONFORMED BY

ENRIQUE H. GASCON JR.  
*DIR III / ARD for Administration*

CHECKED BY

RONILO R. FLORES  
*OIC CHIEF- ADMINISTRATIVE DIVISION*

PREPARED/DESIGNED BY

AR. GLYXER N. RUDIO  
*ARCHITECT I- AD/BGMS*

PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:

30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY SHEET NUMBER PAPER SIZE

ME 01/08 A3



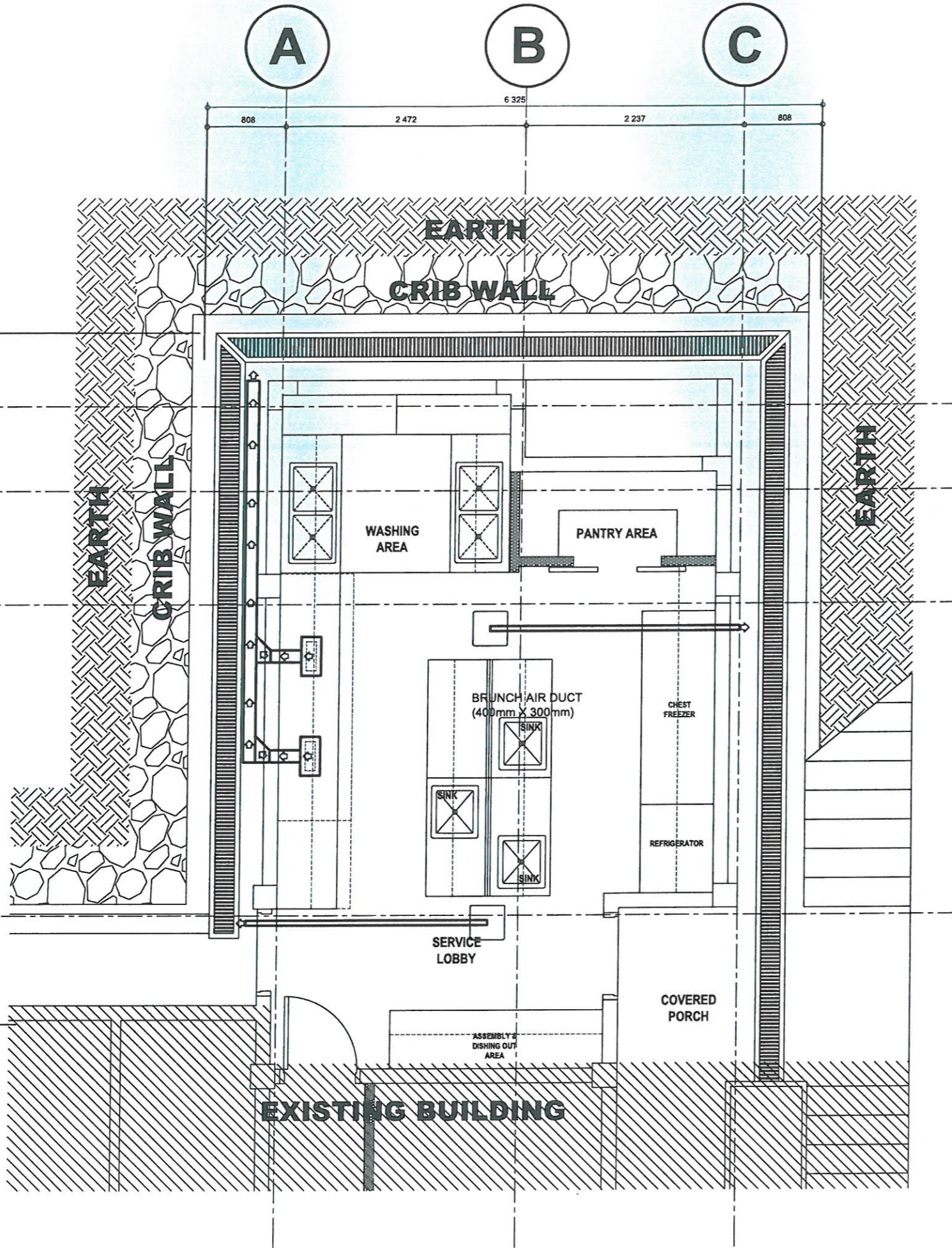
A B C

1

1'

2

3



MECHANICAL DOCUMENTS  
ISSUED FOR PRE- PROCUREMENT PURPOSES ONLY-30 JUNE 2023

1 ME D1 AIR AND KITCHEN EXHAUST FAN UNITS & DUCTING LAYOUT (OUT) SCALE 1:50 METERS

PROJECT NAME:  
PROPOSED REHABILITATION OF  
RRCY COMPLEX

LOCATION:  
PAYDA BAYABAS, SABLAN, BENGUET

SHEET CONTENT:  
RENOVATION OF RRCY ADMINISTRATIVE  
BUILDING KITCHEN  
-EXHAUST DETAILS

APPROVED BY

LEO L. QUINTILLA  
Regional Director

CONFORMED BY

ENRIQUE H. GASCON JR.  
DIR III / ARD for Administration

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RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

AR. GLYXTER M. BUDIO  
ARCHITECT I AD/BGMS

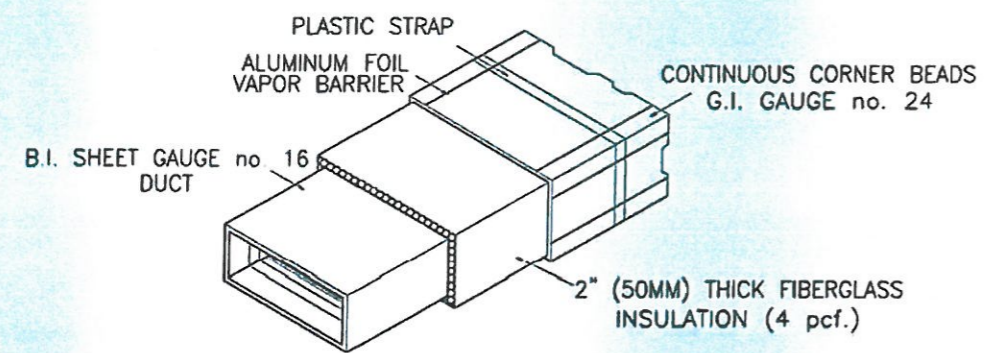
PROJECT/TA No:  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

DATE SUBMITTED:  
30 JUNE 2023

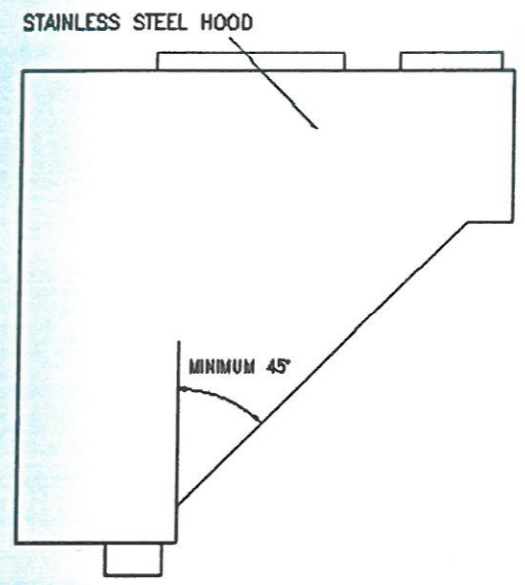
DATE	DESCRIPTION/REMARKS	BY

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
ME	02/08	A3

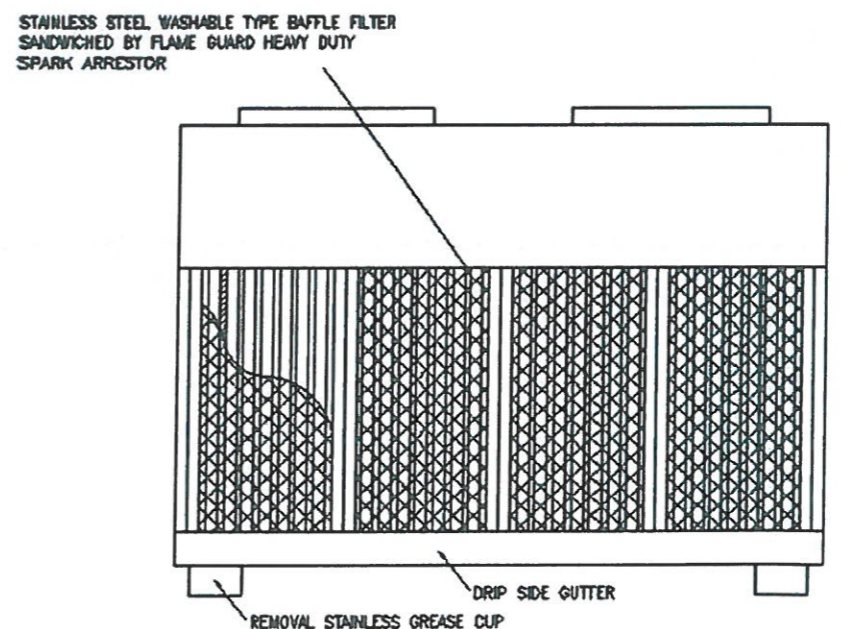
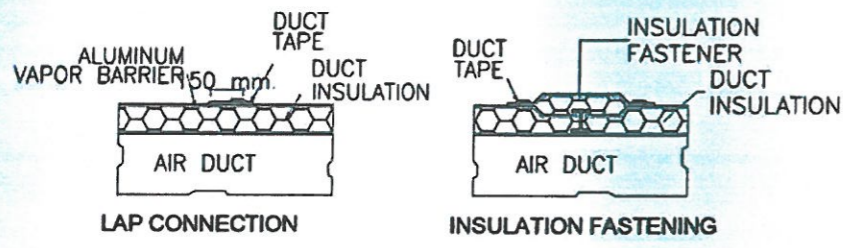
MECHANICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY-30 JUNE 2023



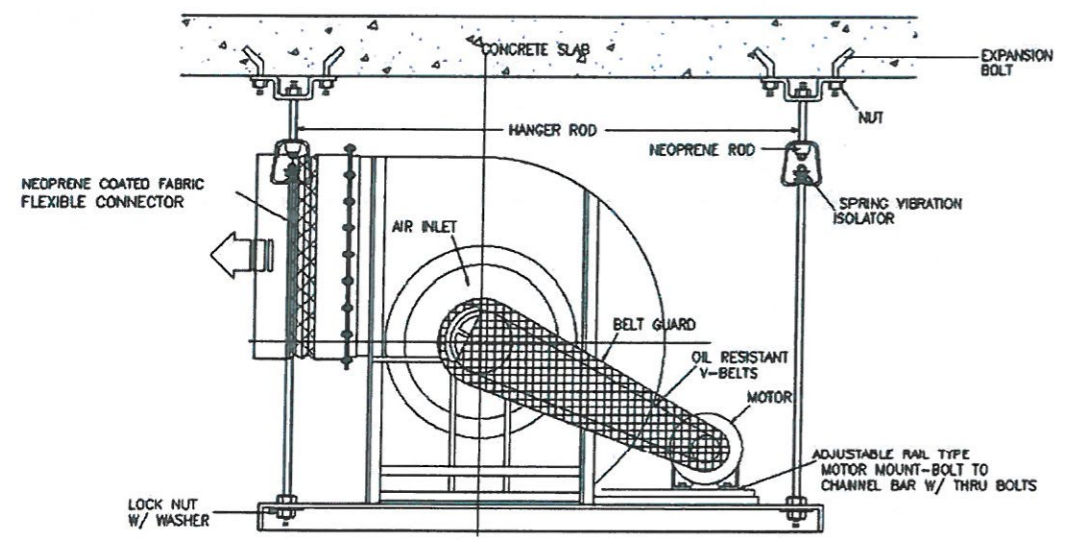
1 KITCHEN EXHAUST DUCT DETAILS  
ME-02 SCALE NTS



3 KITCHEN EXHAUST HOOD DETAILS  
(SIDE ELEVATION)  
ME-02 SCALE NTS



4 KITCHEN EXHAUST HOOD DETAILS  
(FRONT ELEVATION)  
ME-02 SCALE NTS



2 KITCHEN EXHAUST BLOWER DETAILS  
ME-02 SCALE NTS

1 EXHAUST DETAILS  
ME-02 SCALE 1:50 METERS

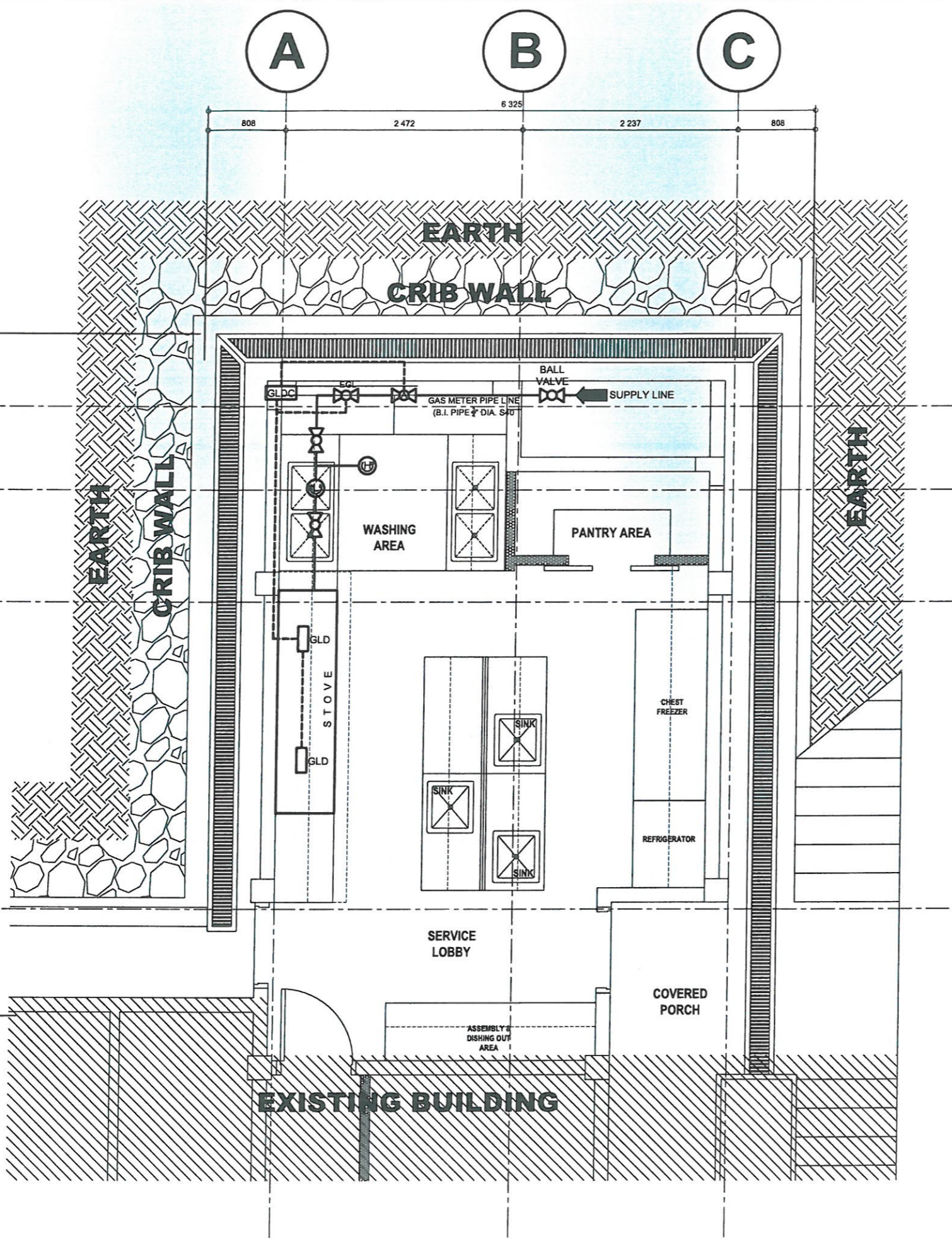


1  
1'  
2  
3

761  
875  
1172  
7134  
3209  
1080

A B C

808 2472 6325 2237 808



LEGENDS	
SYMBOL	DESCRIPTION
	HIGH PRESSURE REGULATOR
	LOW PRESSURE REGULATOR
	BALL VALVE
	BALL VALVE WITH ACTUATOR FOR GAS LEAK AUTO SHUT-OFF SYSTEM
	SOLENOID VALVE ELECTRONIC TYPE GAS LEAK DETT SYSTEM (AUTO SHUT-OFF)
	GAS LEAK DETECTOR
	GAS LEAK DETECTOR CONTROL (OPTIONAL)



ADMINISTRATIVE DIVISION  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**PROPOSED REHABILITATION OF RRCY COMPLEX**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN  
-LPG GAS EQUIPMENT LAYOUT**

APPROVED BY  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
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DIR III / ARD for Administration

CHECKED BY  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
**AR. GLYXTER N. RUDIO**  
ARCHITECT I- AD/BGMS

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:  
**30 JUNE 2023**

DATE	DESCRIPTION/REMARKS	BY

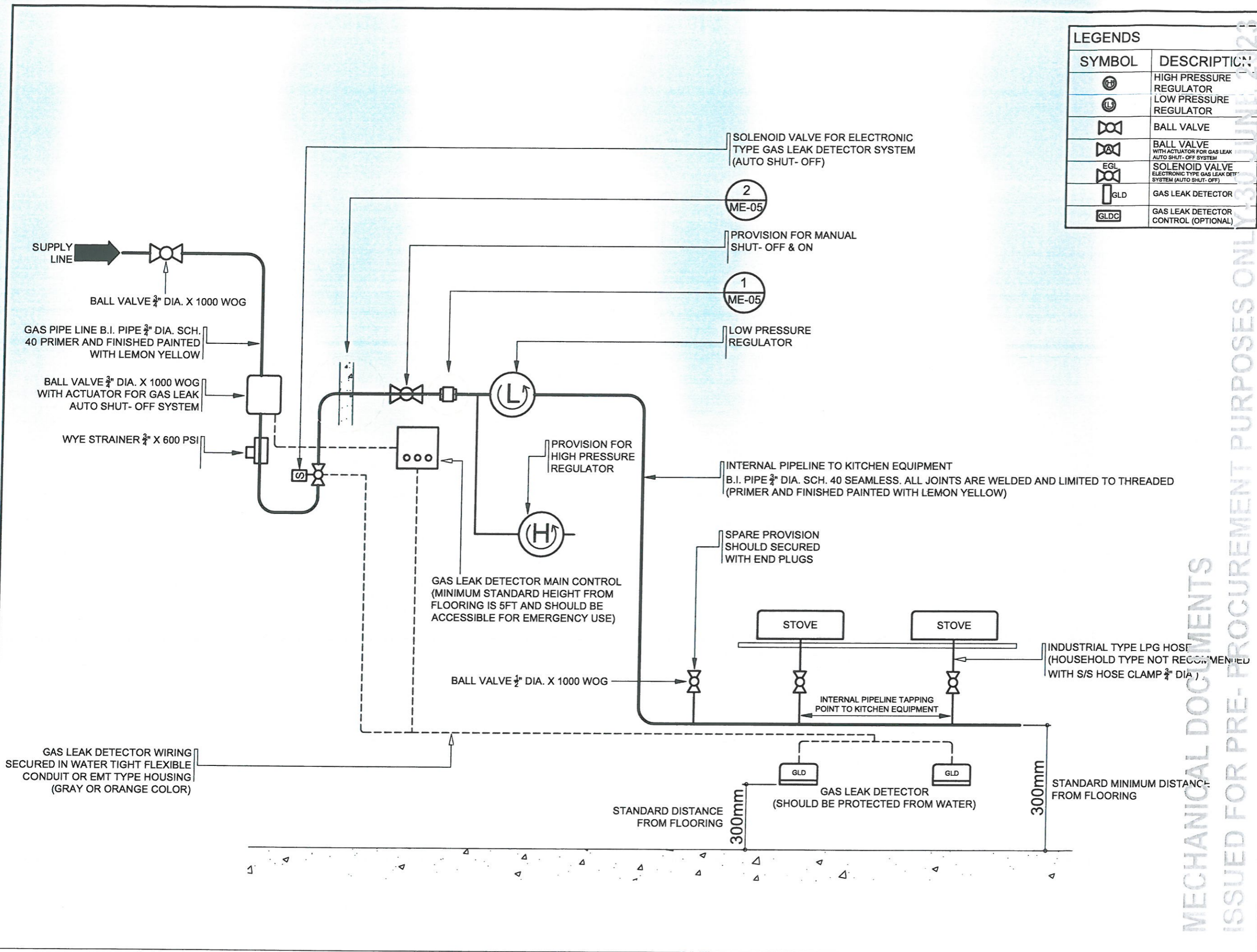
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>ME</b>	<b>03/08</b>	<b>A3</b>

**1**  
ME 03  
SCALE

**LPG GAS EQUIPMENT LAYOUT**

1:50 METERS

MECHANICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY 30 JUNE 2023



LEGENDS	
SYMBOL	DESCRIPTION
(H)	HIGH PRESSURE REGULATOR
(L)	LOW PRESSURE REGULATOR
(BV)	BALL VALVE
(BV-A)	BALL VALVE WITH ACTUATOR FOR GAS LEAK AUTO SHUT-OFF SYSTEM
(EGL)	SOLENOID VALVE ELECTRONIC TYPE GAS LEAK DET SYSTEM (AUTO SHUT-OFF)
(GLD)	GAS LEAK DETECTOR
(GLDC)	GAS LEAK DETECTOR CONTROL (OPTIONAL)

**DSWD**  
Department of Social Welfare and Development  
**ADMINISTRATIVE DIVISION**  
**FIELD OFFICE CAR**  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

**PROJECT NAME:**  
PROPOSED REHABILITATION OF RRCY COMPLEX

**LOCATION:**  
PAYDA BAYABAS, SABLAN, BENGUET

**SHEET CONTENT:**  
RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN - TYPICAL GAS INSTALLATION

**APPROVED BY**  
LEO L. QUINTILLA  
Regional Director

**CONFORMED BY**  
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**CHECKED BY**  
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**PREPARED/DESIGNED BY**  
AR. GLYXTER N. RUDIO  
ARCHITECT I - AD/BGMS

**PROJECT/TA No:**  
CAR-FO-AD-BGMS-A-PR-23-06-20215-S

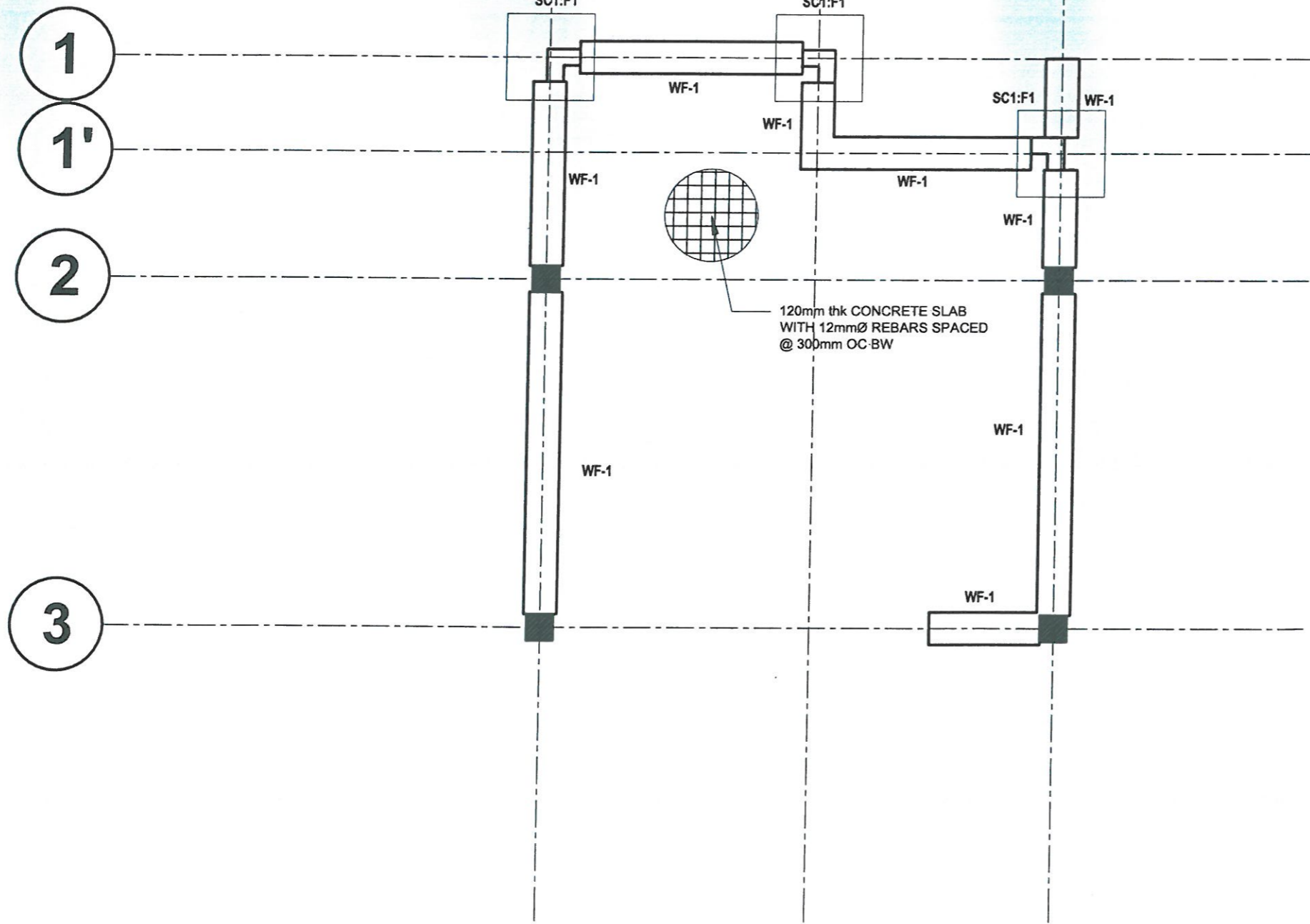
**DATE SUBMITTED:**  
30 JUNE 2023

DATE	DESCRIPTION/REMARKS	BY

**1**  
ME D4 SCALE  
**TYPICAL GAS INSTALLATION**  
1:50 METERS

MECHANICAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY-30 JUNE 2023





STRUCTURAL DOCUMENTS  
ISSUED FOR PRE-PROCUREMENT PURPOSES ONLY - 30 JUNE 2023



**ADMINISTRATIVE DIVISION**  
FIELD OFFICE CAR  
DSWD-AS-GF-058 | REV 02 | 07 OCT 2022

PROJECT NAME:  
**RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN**

LOCATION:  
**PAYDA BAYABAS, SABLAN, BENGUET**

SHEET CONTENT:  
**RENOVATION OF RRCY ADMINISTRATIVE BUILDING KITCHEN**  
-FLOOR FRAMING PLAN

APPROVED BY  
  
**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY  
  
**ENRIQUE H. GASCON**  
DIR III/ ARD for Administration

CHECKED BY  
  
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY  
  
**ENGR. COLLIN JONES C. TUNGOL**  
ENGINEER II- AD/BGMS

PROJECT/TA No:  
**CAR-FO-AD-BGMS-A-PR-23-06-20215-S**

DATE SUBMITTED:  
**03 JULY 2023**

DATE	DESCRIPTION/REMARKS	BY

**1 FLOOR FRAMING PLAN**  
SCALE: 1:50 METERS

PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>STR</b>	<b>02/03</b>	<b>A3</b>



APPROVED BY

**LEO L. QUINTILLA**  
Regional Director

CONFORMED BY

**ENRIQUE H. GASCON**  
DIR III/ ARB for Administration

CHECKED BY

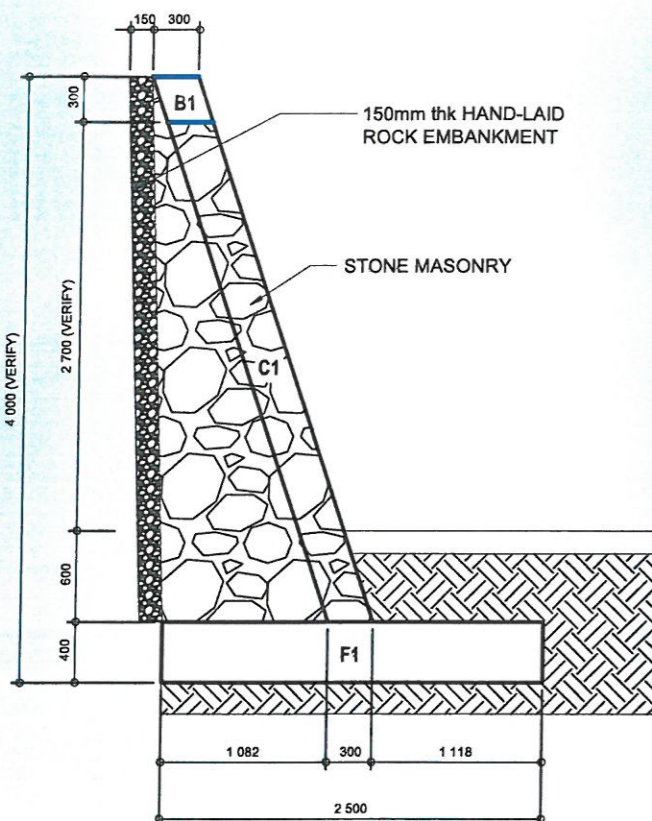
**RONILO R. FLORES**  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

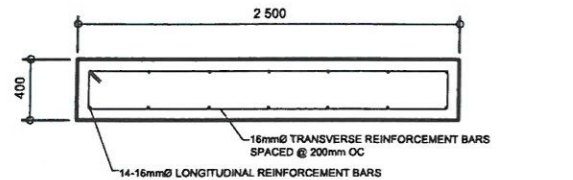
**ENGR. COLLIN JONES C. TUNGOL**  
ENGINEER II- AD/BGMS

DATE	DESCRIPTION/REMARKS	BY

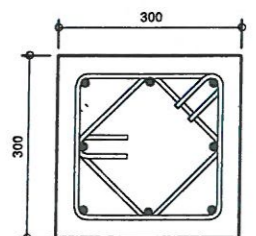
PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
<b>STR</b>	<b>03/03</b>	<b>A3</b>



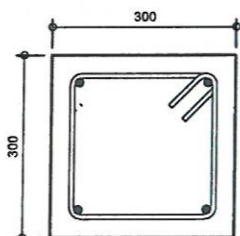
**CRIB WALL SECTION**



**FOOTING 1 SECTION DETAILS**

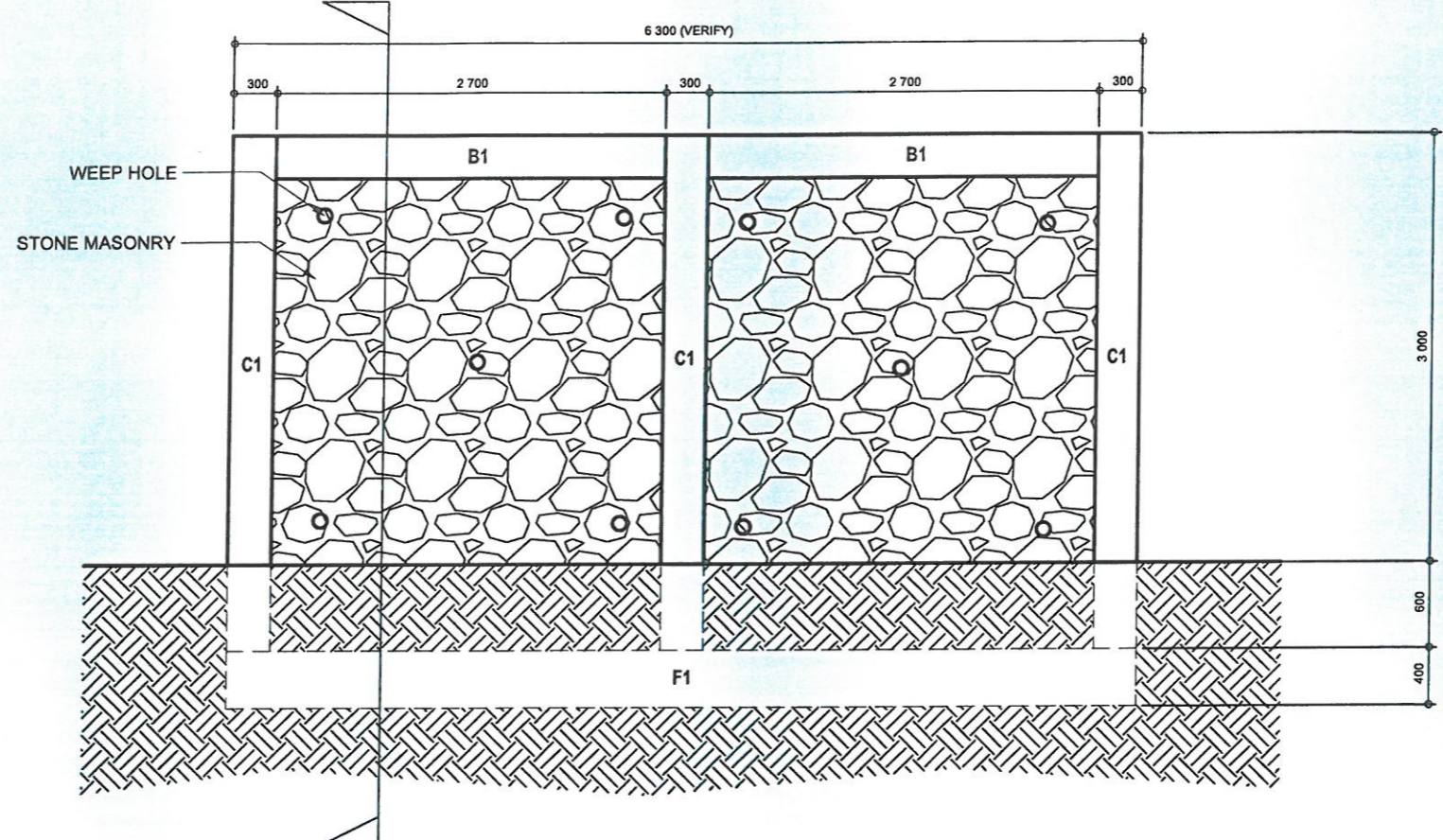


**COLUMN 1 (C1)**  
8pcs -16mm Ø Main Bars with 10mm Ø Lateral Outer/ Inner ties



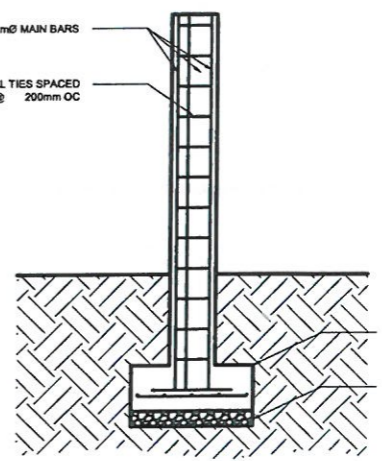
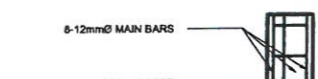
**BEAM SECTION**  
8pcs -16mm Ø Main Bars with 10mm Ø Lateral Outer ties

**CRIB WALL FOOTING, COLUMN AND BEAM DETAILS**

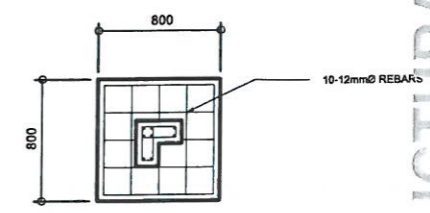


**TYPICAL CRIB WALL ELEVATION**

**NOTE:**  
- FOOTING CONCRETE COVER 75mm  
- COLUMN CONCRETE COVER 40mm



**STIFFENER FOOTING AND COLUMN DETAILS**



STRUCTURAL DOCUMENTS

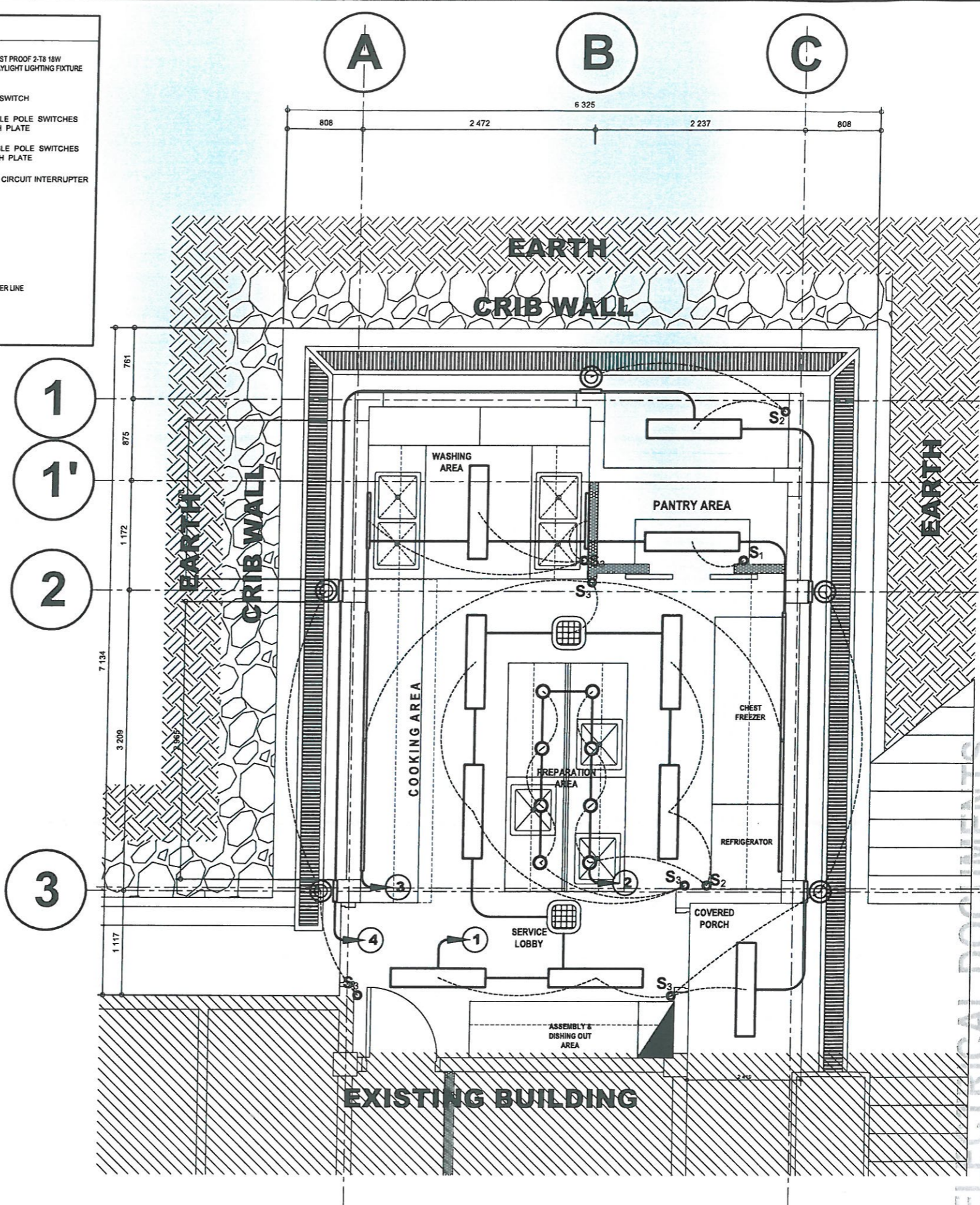
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# ELECTRICAL NOTES:

1. ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST APPROVED EDITION OF 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 REGULATIONS OF THE UTILITY COOPERATIVE CONCERNED.
  2. POWER SERVICE TO THE BUILDING SHALL BE 230V, 3 PHASE, 4 WIRE, 60 HERTZ SYSTEM.
  3. WIRING METHOD SHALL BE AS INDICATED IN THE SPECIFICATION.
  4. UNLESS OTHERWISE SPECIFIED IN THE PLAN, MINIMUM SIZE OF WIRES AND CONDUITS SHALL BE #3.5 mm THWN AND 13mm NOMINAL DIAMETER RESPECTIVELY. WIRES SHALL BE INSULATED FOR RATING SUITED FOR THE EQUIPMENT SERVED.
  5. GENERAL USE RECEPTACLES SHALL BE RATED 10 AMPERES, 2 POLE, 250 VOLTS, GROUNDING TYPE WITH PARALLEL SLOTS, SPECIAL PURPOSE OUTLET SHALL BE THE TYPE RATING SUITED FOR THE EQUIPMENT SERVED.
  6. ALL ACCESSORIES, SPLICING DEVICES, TERMINATIONS AND OTHER APPURTENANCES FOR THE ENTIRE INSTALLATIONS SHALL BE OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
  7. ALL ELECTRICAL EQUIPMENT SHALL PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
  8. ALL MATERIALS TO BE USED SHALL BE NEW AND OF THE APPROVED TYPE FOR BOTH LOCATION AND EQUIPMENT SERVED.
  9. OUTLET BOXES SHALL BE FABRICATED FROM 1.5 mm THK. GALVANIZED IRON SHEET OR PVC BOXES EQUIVALENT AS FOLLOWS:
    - a. CEILING LIGHT OUTLETS 40mm DEEP, 100mm OCTAGONAL BOX FOR 1 OR 2 RACEWAY ENTRIES, 55mm DEEP, 100mm OCTAGONAL BOX FOR 3 OR MORE RACEWAY ENTRIES
    - b. 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.
    - c. CONVENIENCE OUTLETS - 55mm DEEP UTILITY BOX
    - d. TELEPHONE AND TV OUTLETS - 55mm DEEP UTILITY BOX
  10. MCC - MOTOR CONTROL CENTER SHOULD BE UNITIZED PANEL FOR ALL 440 VOLTS EQUIPMENT INCLUDING FIVE(S) INGLE PHASE WELDING MACHINES.
  11. PVC CONDUITS SHALL BE EMBEDDED IN CONCRETE SLABS OR WALLS.
  12. 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 INCORRODIBLE MATERIAL WITH MATCHING CLEAR PLASTIC HOLDER OR JACKET.
  13. ALL ELECTRICAL CIRCUITS SHALL BE WIRED ACCORDING TO THE PANEL BOARD LOAD SCHEDULE.
  14. ANY ALTERATION IN THE DESIGN HOWEVER MINOR SHALL BE REPORTED TO THE DESIGN ENGINEER FOR APPROVAL AND RECORDS.
  15. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
  16. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- A. SERVICES:**  
POWER SUPPLY COMING FROM THE EXISTING ELECTRIC POWER DISTRIBUTION SYSTEM SHALL BE THREE-PHASE, THREE-WIRE PLUS GROUND, 230V AC, 60HZ.
- B. POWER SYSTEMS:**  
1. UNLESS OTHERWISE INDICATED ON DRAWINGS, ALL MOTOR SHALL BE FURNISHED, SET UP AND SECURE IN PLACE BY OTHERS TRADES.  
2. UNLESS OTHERWISE INDICATED ON DRAWINGS, THE ELECTRICAL CONTRACTOR SHALL DO ALL WIRING FOR POWER, INCLUDING THE CONNECTION UP TO THE MOTORS AND SUCH AS LINE SWITCHES, MOTOR STARTERS, SPEED REGULATORS, CIRCUIT BREAKERS, COMPENSATORS OR ANY OTHER APPLIANCES THAT MAY BE FURNISHED WITH THE MOTORS. HE SHALL ALSO HAVE THERE THE PRESENCE OF HIS REPRESENTATIVE WHEN THE MOTORS ARE FIRST STARTED BY THE TRADE FURNISHING IT IN ORDER TO DETERMINE IF CORRECTLY DONE.
- C. POWER AND LIGHTING DISTRIBUTION SYSTEM:**  
1. FURNISHED AND INSTALL THE LIGHTING RECEPTACLES AND POWER PANELS AS INDICATED ON PLANS AND PANEL BOARD SCHEDULES.  
2. FROM THE MAIN BREAKER, INSTALL FEEDERS TO THE VARIOUS OUTLYING PANELS, MOTORS OR EQUIPMENT AS SHOWN ON THE PLANS. FEEDERS SHALL BE UNDERGROUND IN REINFORCED CONCRETE ENCASMENT UNLESS OTHERWISE NOTED.

## LEGENDS

- PENDANT TYPE DUST PROOF 2-T8 18W DAYLIGHT, 220V DAYLIGHT LIGHTING FIXTURE WITH DIFFUSER
- S1 SINGLE POLE SWITCH
- S2 DUPLEX (2 SINGLE POLE SWITCHES IN ONE SWITCH PLATE
- S3 TRIPLEX (3 SINGLE POLE SWITCHES IN ONE SWITCH PLATE
- GFCI GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) OUTLET
- 7 CIRCUIT HOMERUN
- SWITCH LINE
- LIGHTING LINE/ POWER LINE
- PANEL BOX



**1**  
**EL 01**  
**LIGHTING LAYOUT**  
SCALE 1:50 METERS

PROJECT NAME:

PROPOSED REHABILITATION OF  
RCYC COMPLEX

LOCATION:

PAYDA BAYBAS, SABLAN, BENGUET

SHEET CONTENT:  
RENOVATION OF RCYC ADMINISTRATIVE BUILDING KITCHEN  
-LIGHTING LAYOUT

APPROVED BY

LEO L. QUINTILLA  
Regional Director

CONFORMED BY

ENRIQUE H. GASCON JR.  
DIR III / ARD for Administration

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RONILO R. FLORES  
OIC CHIEF- ADMINISTRATIVE DIVISION

PREPARED/DESIGNED BY

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PROJECT/TA No:  
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DATE SUBMITTED:

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PLAN CATEGORY	SHEET NUMBER	PAPER SIZE
EL	01/03	A3













