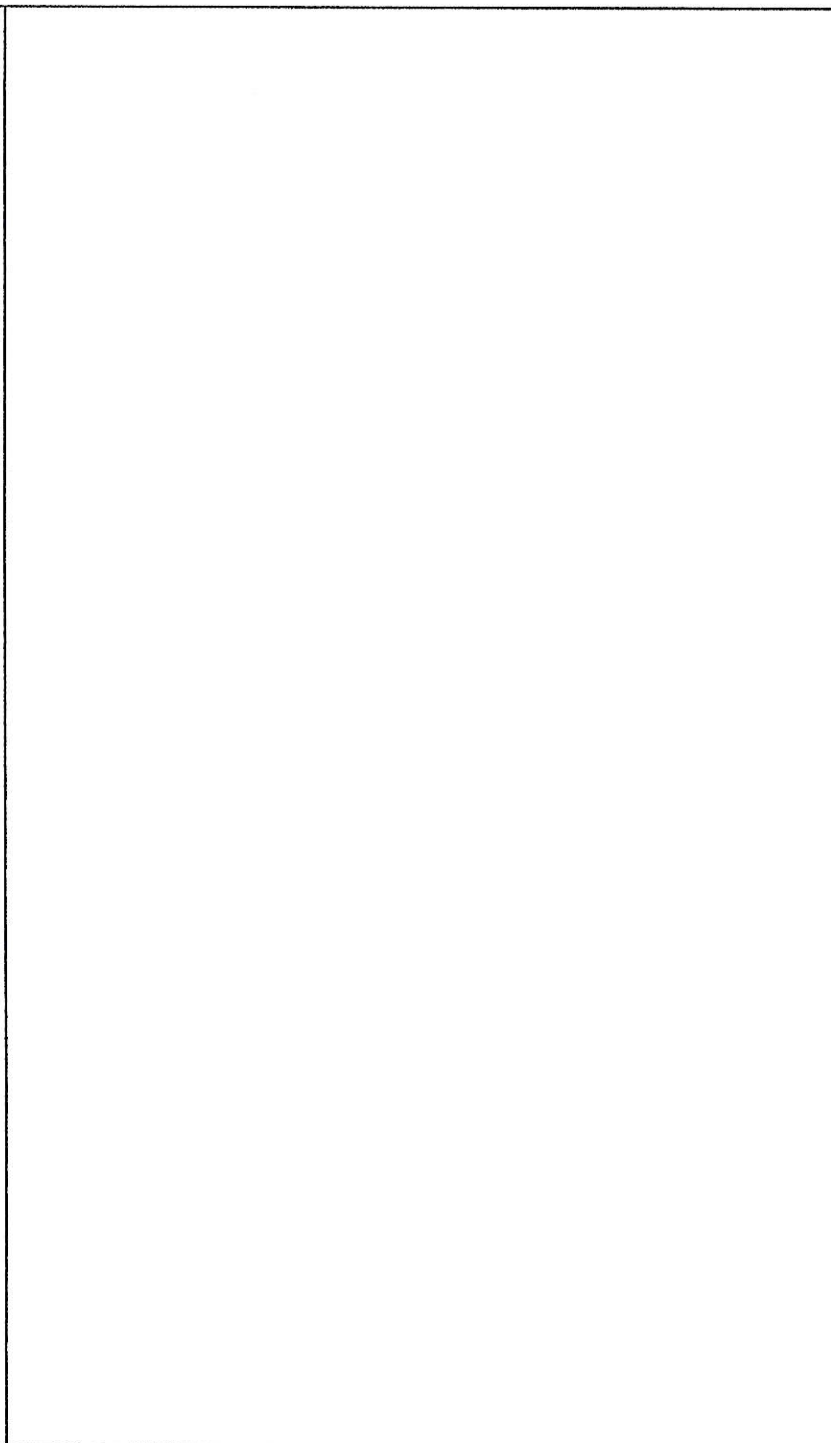




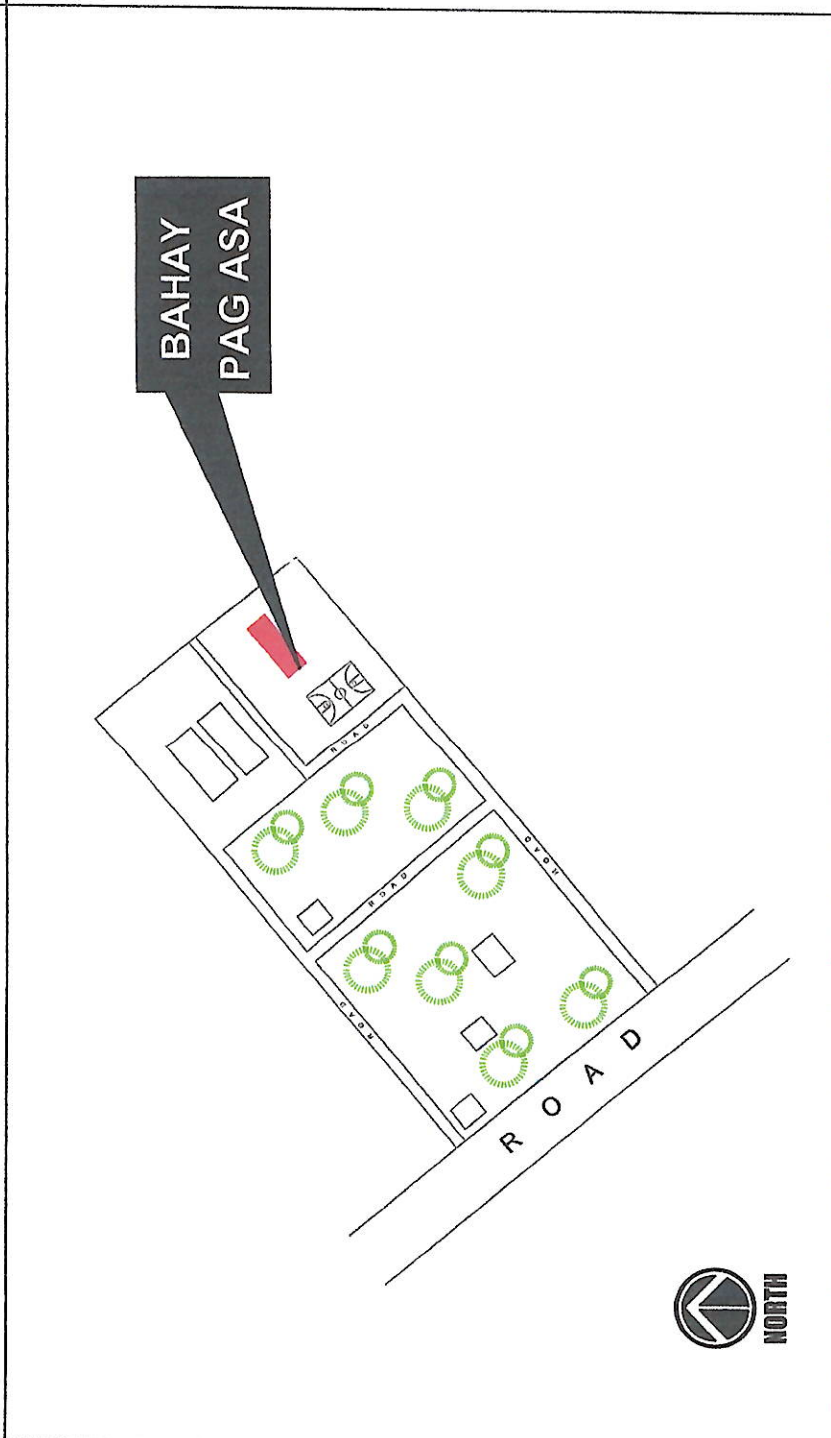
**LOCATION PLAN**  
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**VICINITY MAP**  
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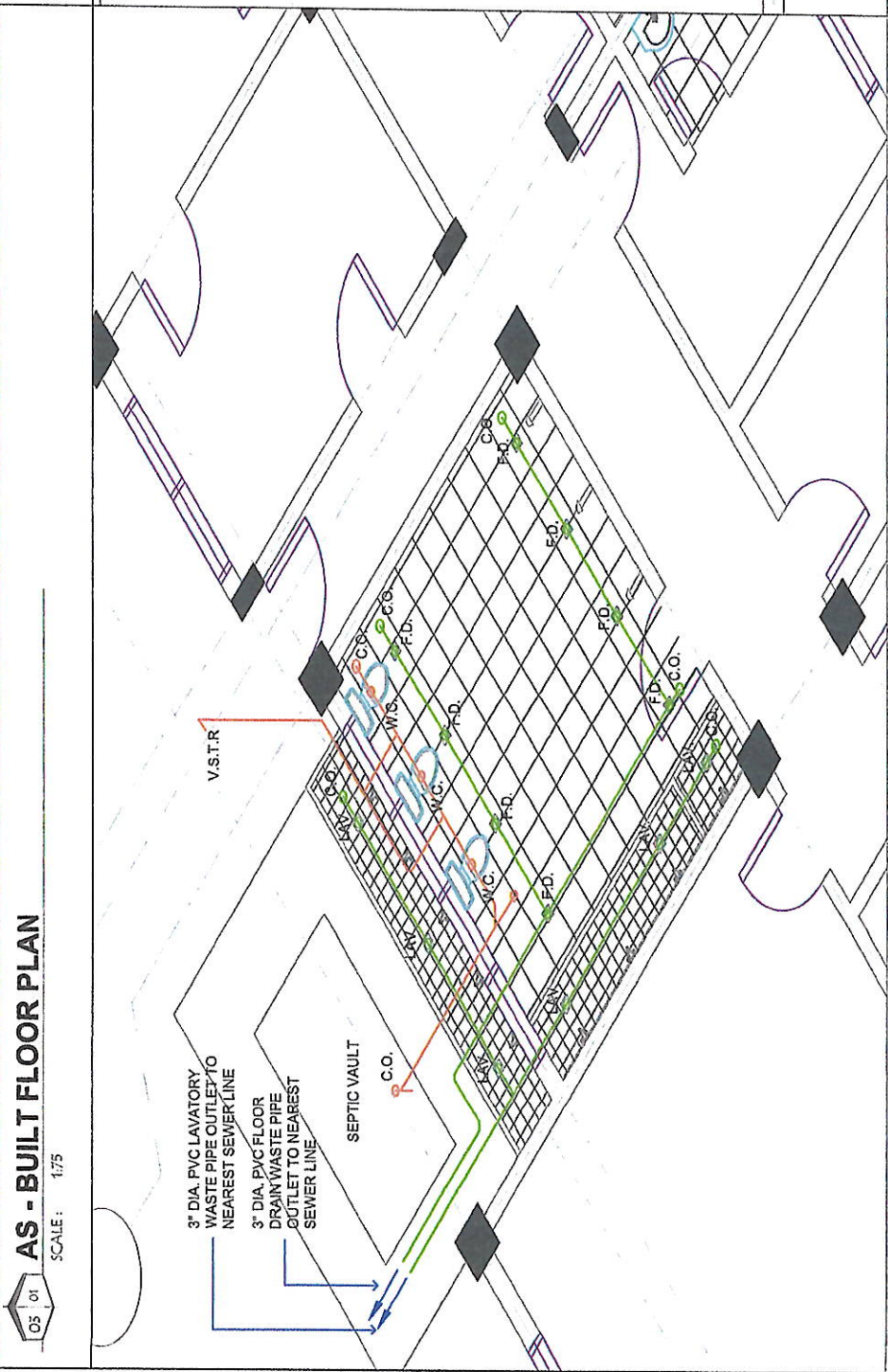
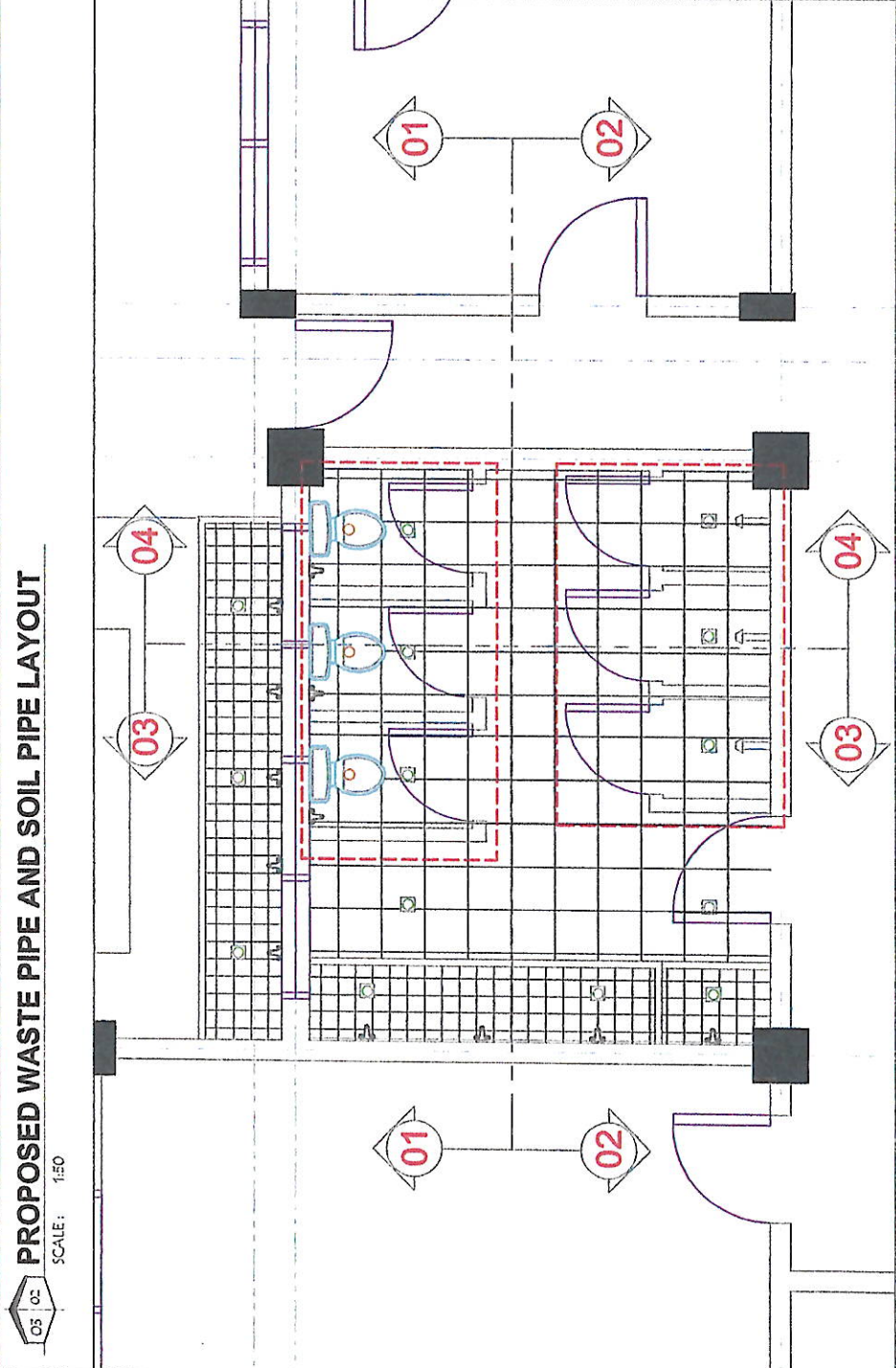
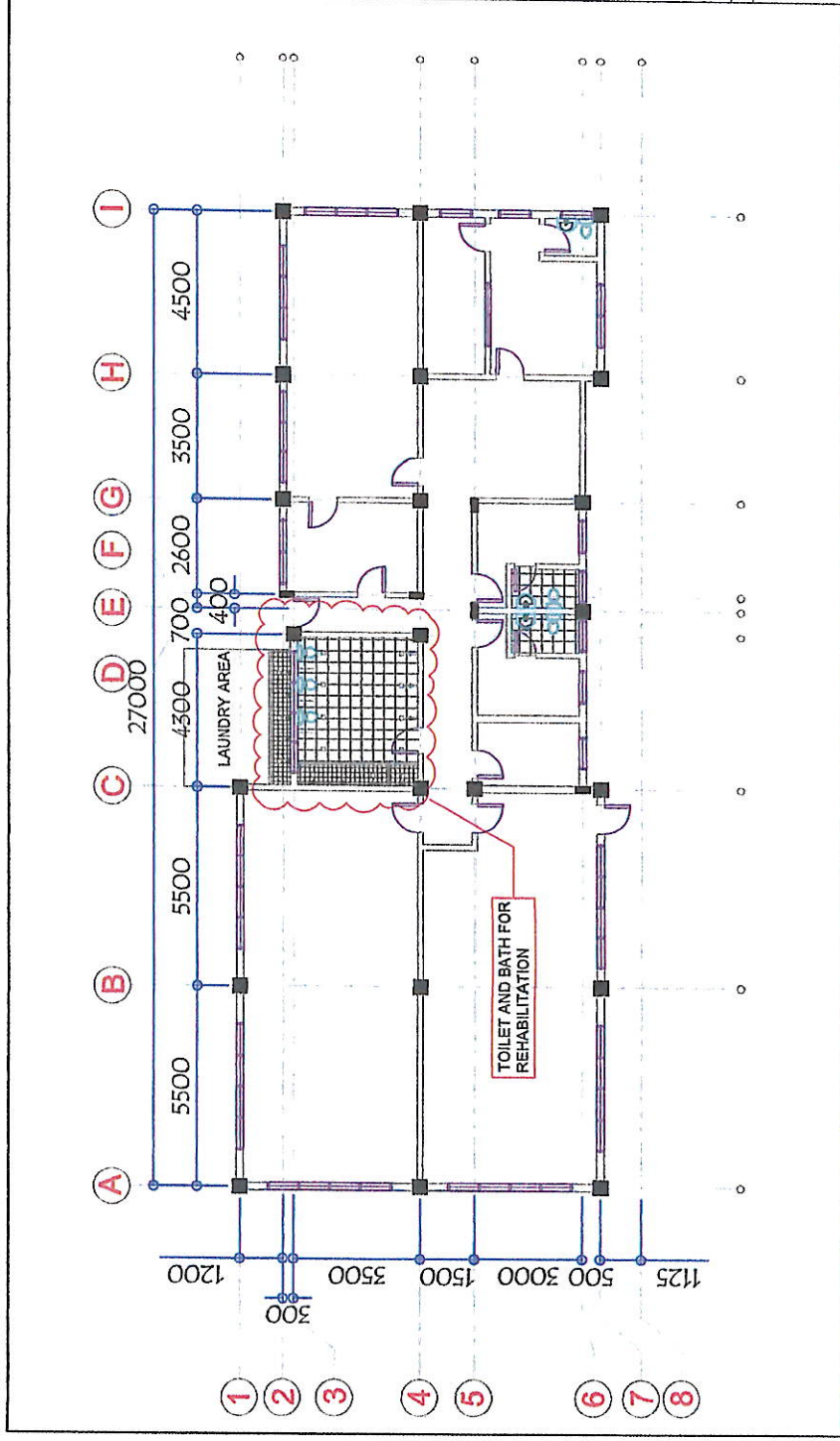
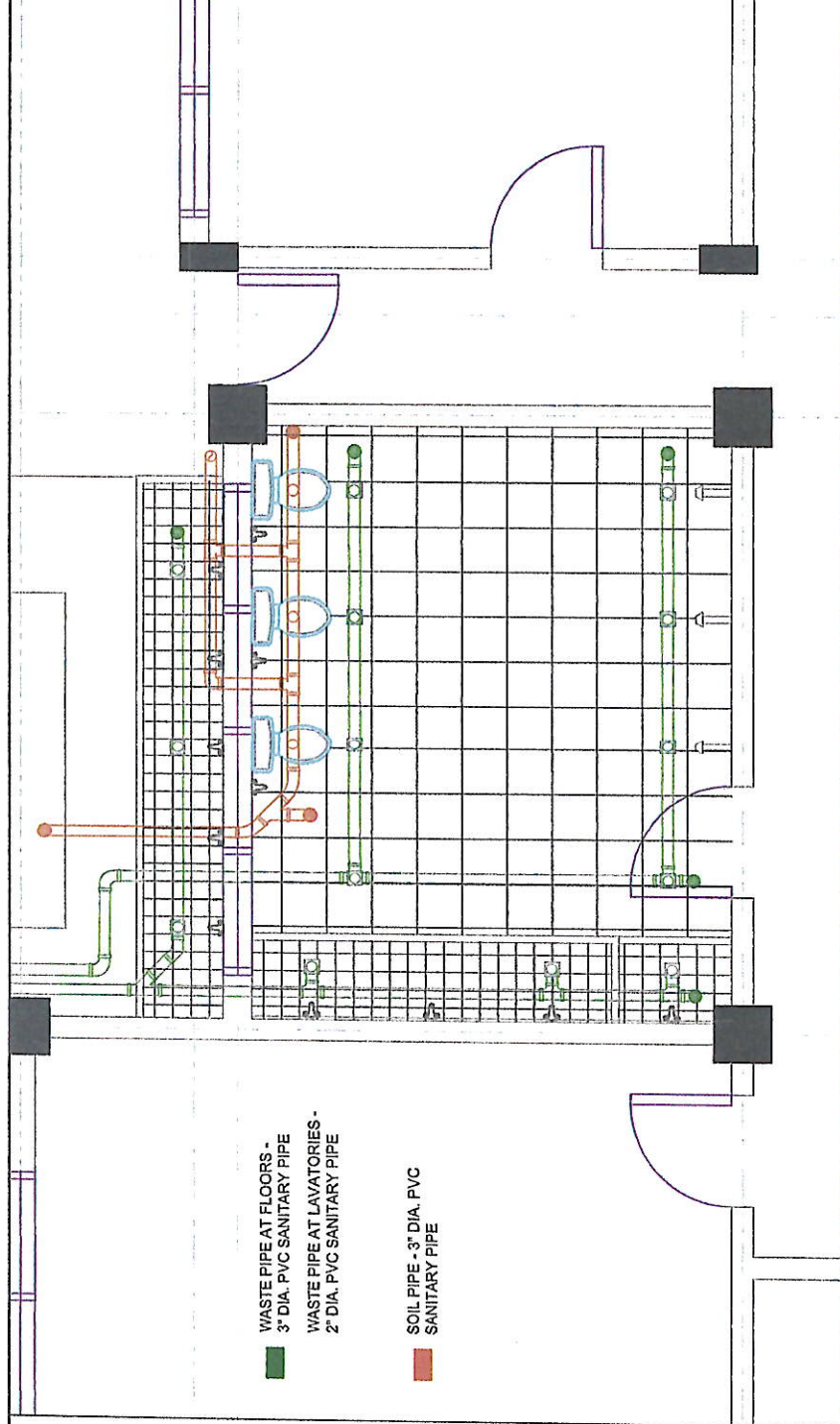
**SITE DEVELOPMENT PLAN**  
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**SITE DEVELOPMENT PLAN**  
SCALE: NOT TO SCALE

<p>PROJECT TITLE: REHABILITATION OF RESIDENTIAL FACILITY (BAHAY PAG ASA) AT BGY. SINAWAL GENERAL SANTOS CITY</p>	<p>CHECKED BY: <i>[Signature]</i> ENGR. DANICO M. HORLADOR, JR. PDD - PROJECT PLANNING AND DEVELOPMENT OFFICER A</p>	<p>RECOMMENDED FOR APPROVAL BY: <i>[Signature]</i> ENGR. ROGELIO A. BESANA, JR. AGM - OPERATIONS AND TECHNICAL SERVICES</p>	<p>APPROVED BY: <i>[Signature]</i> ENGR. ARN B. GELLANGARIN GENERAL MANAGER A</p>	<p>SHEET CONTENTS: AS SHOWN</p>	<p>DATE: DEC. 15, 2022</p>	<p>REV. NO. 00</p>	<p>SHEET NO.: A</p>
<p><b>GENERAL SANTOS CITY WATER DISTRICT</b> E. FERNANDEZ STREET, BRGY. LAGAO, GEN. SANTOS CITY PLANNING AND DESIGN DIVISION TEL. NO.: (083) 552-3824</p>							





**GENERAL SANTOS CITY WATER DISTRICT**  
 E. FERNANDEZ STREET, BRGY. LAGAO, GEN. SANTOS CITY  
 ENGINEERING & CONSTRUCTION DEPARTMENT  
 PLANNING AND DESIGN DIVISION  
 TEL. NO.: (083) 552-3824

**PROJECT TITLE:**  
 REHABILITATION OF RESIDENTIAL FACILITY  
 (BAHAY PAG ASA) AT BGY. SINAWAL  
 GENERAL SANTOS CITY

**LOCATION:** BGY. SINAWAL, GENERAL SANTOS CITY

**REVIEWED BY:** *[Signature]*  
 ENGR. MARILYN M. HORLADOR, JR. PDD - OFFICER IN CHARGE

**CHECKED BY:** *[Signature]*  
 ENGR. DANILLO M. HORLADOR, JR. PDD - PROJECT PLANNING AND DEVELOPMENT OFFICER

**RECOMMENDED FOR APPROVAL BY:** *[Signature]*  
 ENGR. ROGELIO A. BESANA, JR. AGM - OPERATIONS AND TECHNICAL SERVICES

**APPROVED BY:** *[Signature]*  
 ENGR. ARN B. GELANGARIN GENERAL MANAGER A

**SHEET CONTENTS:** AS SHOWN

**DATE:** DEC. 15, 2022

**REV. NO. 00**

**SHEET NO.:** 01

**SCALE:** 1:50

**TOILET AND SHOWER ROOM PLAN**



## PLUMBING GENERAL NOTES:

1. ALL WORKS SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES AND LOCAL CODE REQUIREMENTS.
2. THE PLUMBING LAYOUT IS ONLY DIAGRAMMATIC PIPES, CLEANOUTS AND CHECK VALVES SHALL BE CONCEALED AS MUCH AS POSSIBLE.
3. PIPES SHALL BE EMBEDDED IN STRUCTURAL MEMBERS UNLESS OTHERWISE SPECIFIED AND/OR ALLOWED.
4. RUN ALL HORIZONTAL PIPING IN PERFECT ALIGNMENT AND AT UNIFORM GRADE OF NOT LESS THAN SLOPE OF 1:50 FOR SEWER LINES AND 1:100 FOR DRAINAGE LINES.
5. ALL FLOOR DRAINS SHALL BE VENTED INDIVIDUALLY.
6. ALL CLEANOUTS SHALL BE FLUSHED MOUNTED TO WALL AND PROVIDED WITH COVER CAPS, DO NOT INSTALL FLOOR CLEANOUTS EXCEPT AT LINES ON GRADE AND SERVICE AREAS NOT SERVICE TO TRAFFIC.
7. ALL SANITARY SEWER PIPES AND FITTINGS SHALL BE POLYVINYL CHLORIDE (PVC) PIPES. WATER DISTRIBUTION SHALL BE GALVANIZED IRON (GI) PIPES SCHEDULE 40
8. PROVIDE VENT PIPES AND VENT STACK THRU ROOF AS REQUIRED.
9. PROVIDE GATE VALVES ON ALL WATER SUPPLY LINES TO FIXTURES.
10. ALL INDIVIDUAL BRANCHES TO FIXTURES OR GROUPS OF FIXTURES AND/OR EQUIPMENTS SHALL BE PROVIDED WITH AIR CHAMBERS OR CAPPED-UP WITH VERTICAL PIPE EXTENSION.
11. ALL PLUMBING WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A LICENSED SANITARY ENGINEER OR DULY REGISTERED MASTER PLUMBER

## SPECIFICATIONS:

ALL PLUMBING WORKS AND INSTALLATION SHALL CONFORM WITH THE LATEST EDITION OF NATIONAL PLUMBING CODE RULES AND REGULATION OF THE ENFORCING AUTHORITY CONCERNED AND CITY

ALL HORIZONTAL PIPINGS SHALL RUN IN PRACTICAL ALIGNMENT AND SHALL BE PROVIDED WITH SLOPE OF NOT LESS THAN 1% SLOPE AND SUPPORTED OF ANCHORED EVERY 3.00m INTERVALS

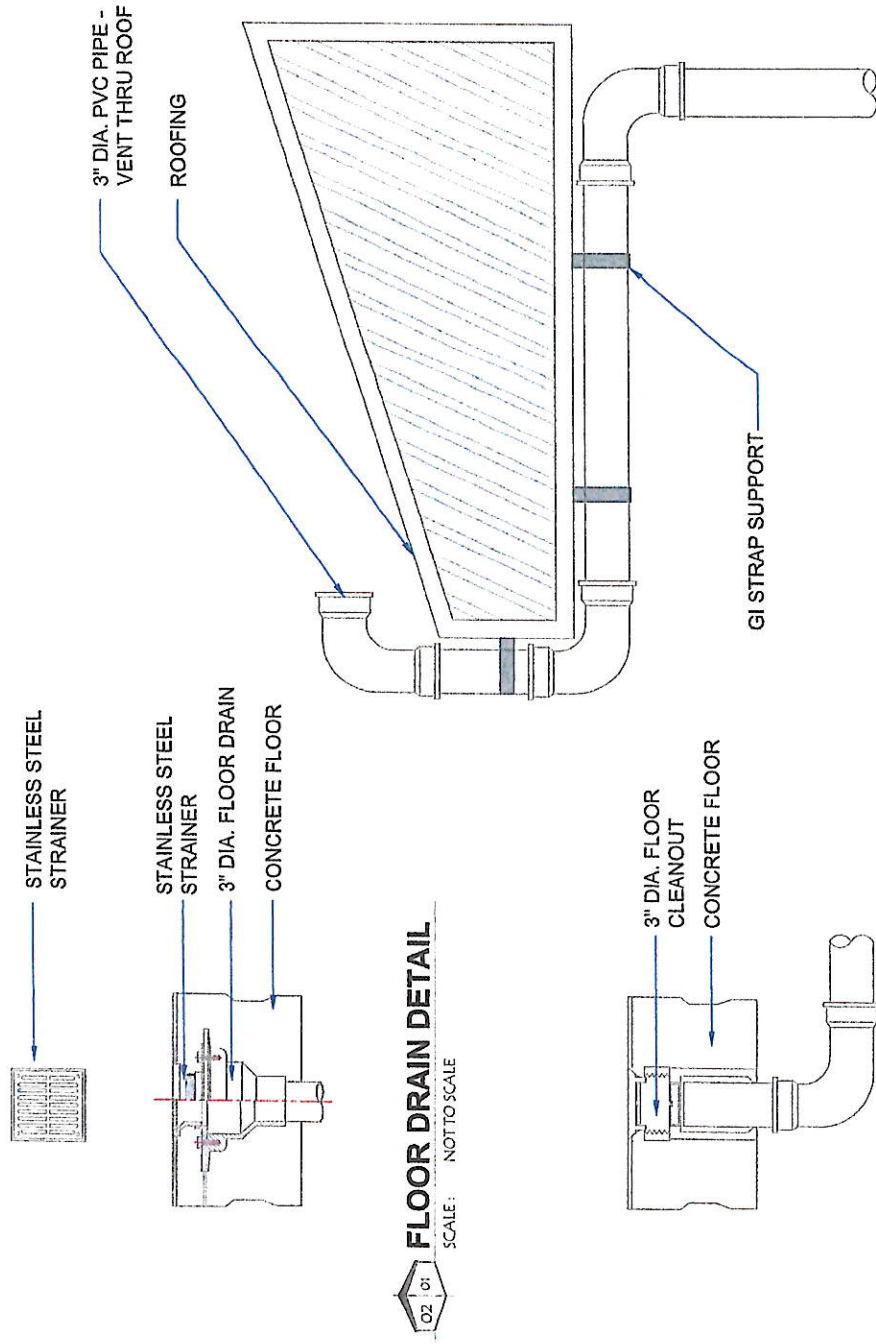
ALL MATERIALS SHALL BE NEW AND APPROVED TYPES:

- a. FOR SANITARY LINES:
  - 2"Ø PVC PIPES FOR LAVATORY DRAIN WASTE PIPES
  - 3"Ø PVC PIPES FOR FLOOR DRAIN WASTE PIPES AND SOIL PIPES
- b. FOR WATER LINES:
  - ½"Ø G.I. PIPE FOR FIXTURES
  - ¾"Ø G.I. PIPE FOR BRANCHES
  - 1"Ø G.I. PIPE FOR MAINLINE SUPPLY

ALL PLUMBING WORKS AND INSTALLATION SHALL BE STRICTLY SUPERVISED BY A DULY REGISTERED MASTER PLUMBER

## LEGEND:

CO	CLEAN OUT	PVCWP	POLYVINYL CHLORIDE WASTE PIPE	UR	URINAL
CV	CHECK VALVE	PVCSP	POLYVINYL CHLORIDE SOIL PIPE	WC	WATER CLOSET
F	FAUCET	PVCVP	POLYVINYL CHLORIDE VENT PIPE		
FD	FLOOR DRAIN	PVCVS	POLYVINYL CHLORIDE VENT STACK		
LAV	LAVATORY	PVCVTR	POLYVINYL CHLORIDE VENT THROUGH ROOF		
MH	MANHOLE	PVCWP	POLYVINYL CHLORIDE WASTE PIPE		

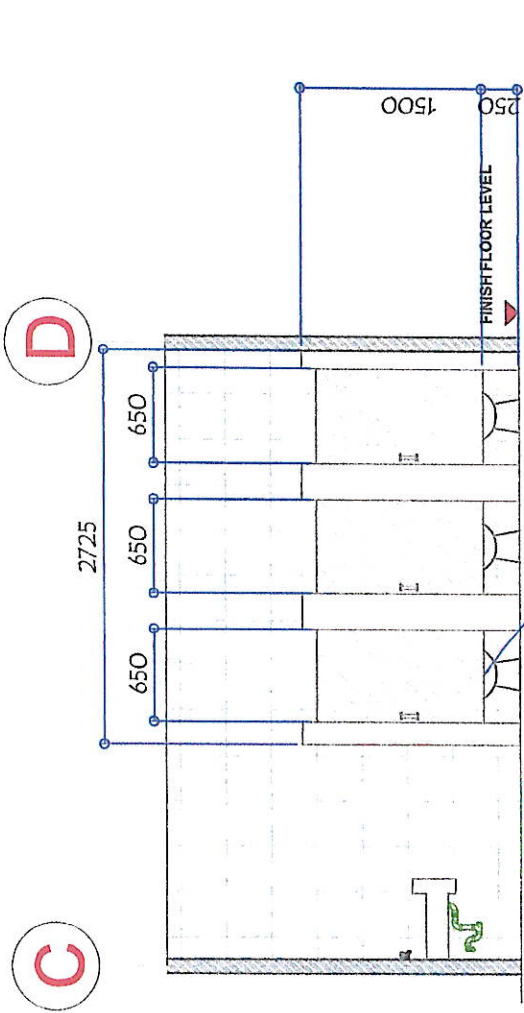


**FLOOR DRAIN DETAIL**  
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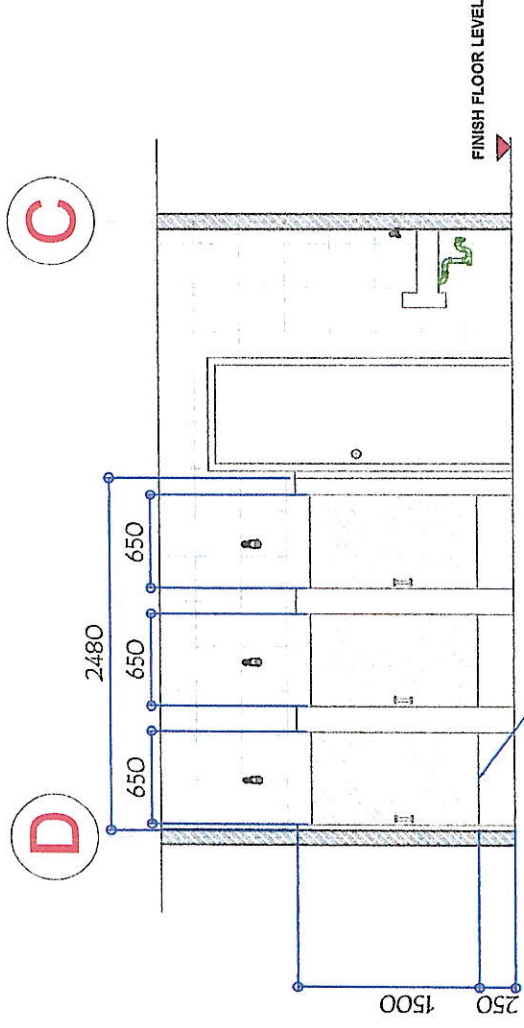
**FLOOR CLEANOUT DETAIL**  
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**VENT THRU ROOF DETAIL**  
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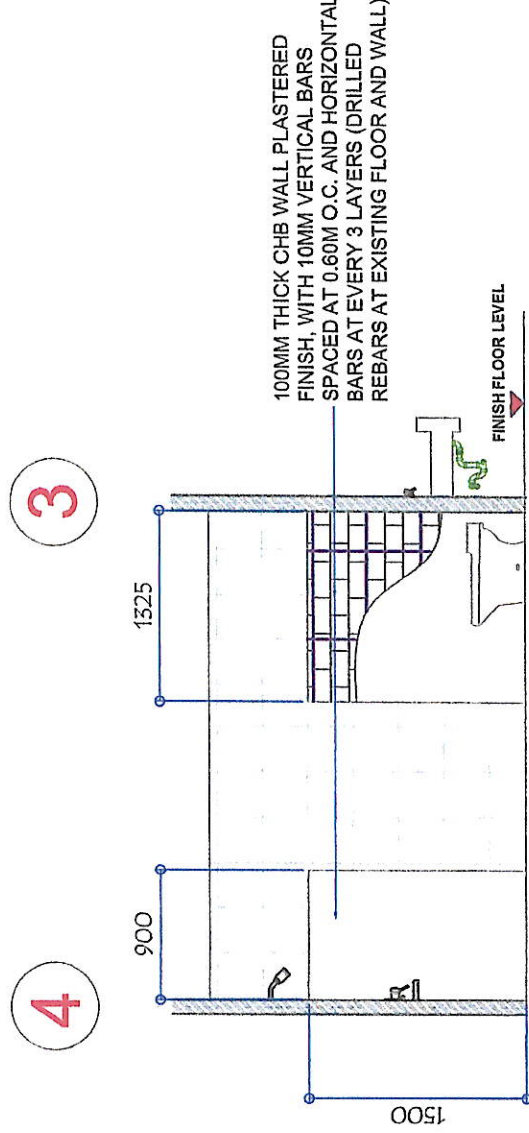




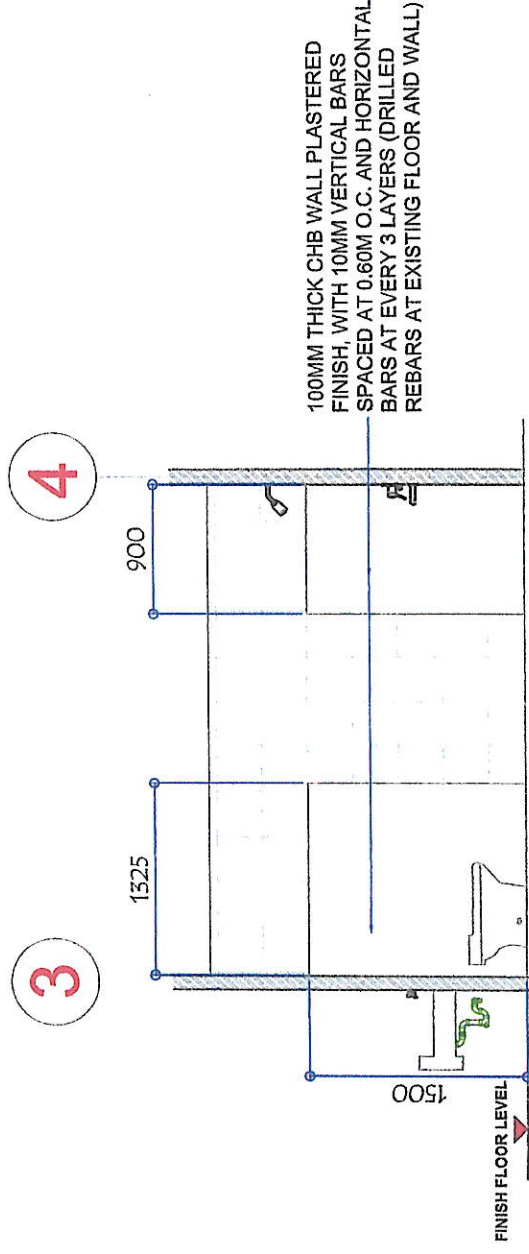
**SECTION THRU - 1**  
SCALE: 1:50



**SECTION THRU - 2**  
SCALE: 1:50



**SECTION THRU - 3**  
SCALE: 1:50



**SECTION THRU - 4**  
SCALE: 1:50