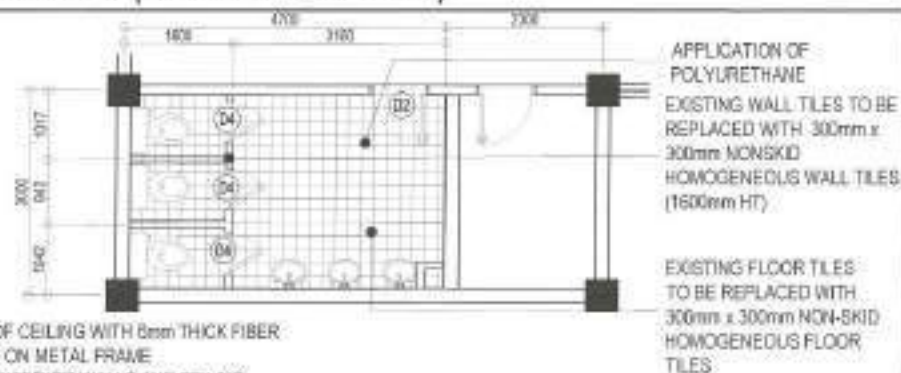


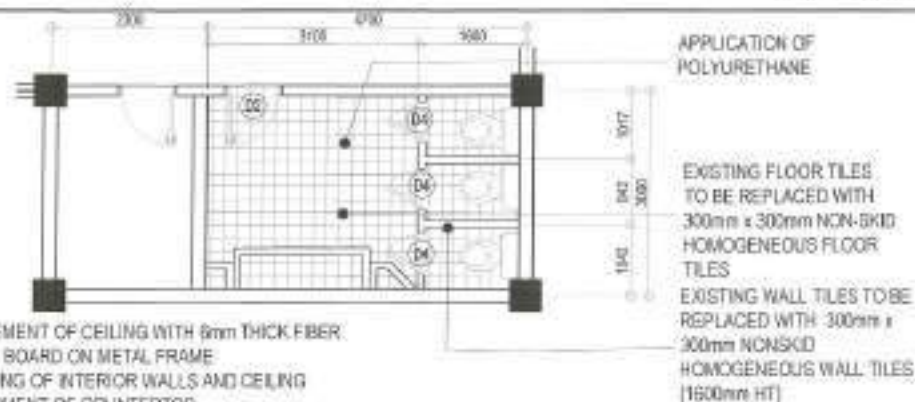
1 CARIÑO BUILDING (SECOND FLOOR PLAN)

SCALE : 1:125 METERS



NOTE:

- REPLACEMENT OF CEILING WITH 8mm THICK FIBER CEMENT BOARD ON METAL FRAME
- REPAINTING OF INTERIOR WALLS AND CEILING
- REPLACEMENT OF COUNTERTOP



NOTE:

- REPLACEMENT OF CEILING WITH 8mm THICK FIBER CEMENT BOARD ON METAL FRAME
- REPAINTING OF INTERIOR WALLS AND CEILING
- REPLACEMENT OF COUNTERTOP

2 CARIÑO BUILDING (SECOND FLOOR MALE COMFORT ROOM PLAN)

SCALE : 1:80 METERS

3 CARIÑO BUILDING (SECOND FLOOR FEMALE COMFORT ROOM PLAN)

SCALE : 1:80 METERS



Republic of the Philippines
Department of Engineering
Quezon City

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

DATE: November 11, 2023

DESIGNED BY:

DRAWN BY:

REVISIONS:

SUBMITTED BY:

CHECKED BY:

DATE:

REVISIONS:

ENGR. FREDISWILDA DL DE GUZMAN

REG. PLUMBING ENGINEER

RECOMMENDING APPROVAL:

APPROVED BY:

DATE:

REVISIONS:

ATTY. MARK DALE DIAMOND P. PERRAL

REG. ATTORNEY

APPROVED BY:

DATE:

REVISIONS:

HON. MA. JOSEFINA G. BELMONTE

LET. ARCHITECT

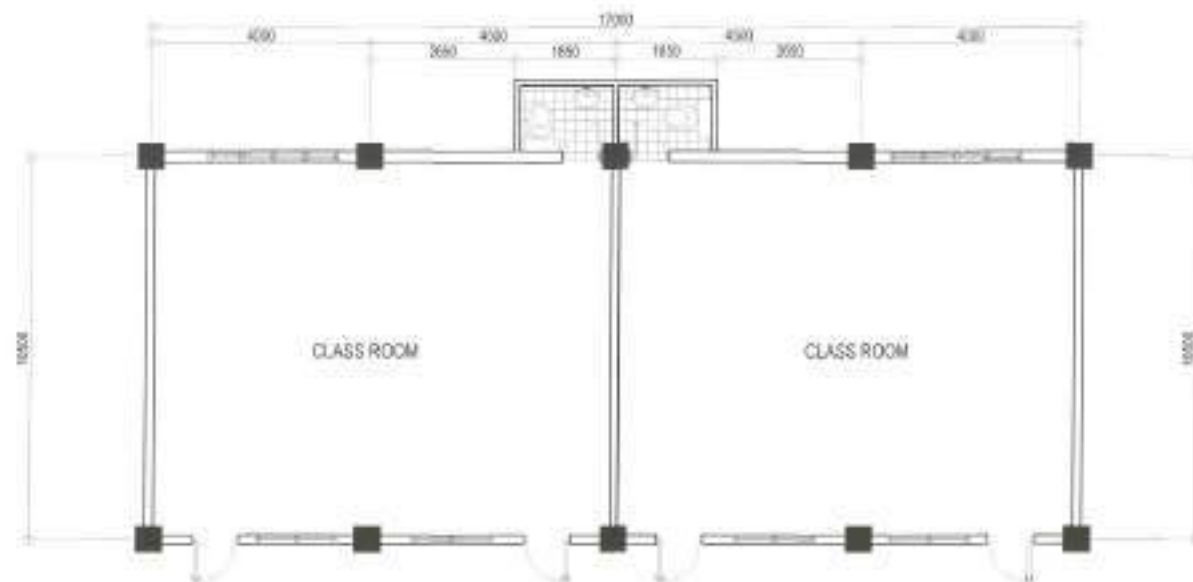
SHEET CONTENT:

SHEET NO.:

DATE:

REVISIONS:

CARIÑO BUILDING
SECOND FLOOR MALE
COMFORT ROOM PLAN
SECOND FLOOR
FEMALE COMFORT
ROOM PLANAR-16
1654

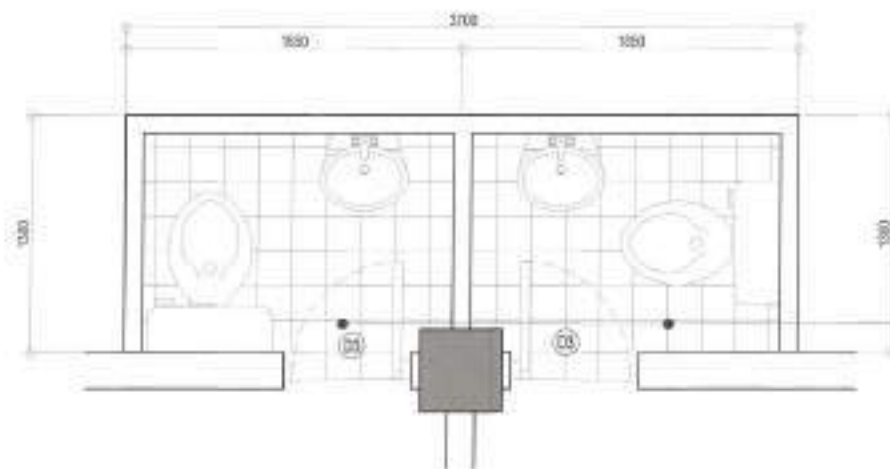


NOTE:

- EXISTING FLOOR TILES AND WALL TILES TO BE REPLACED WITH 300mm x 300mm NON-SKID HOMOGENEOUS FLOOR TILES

1 ANNE CURTIS BUILDING (GROUND FLOOR PLAN)

SCALE: 1:100 METERS

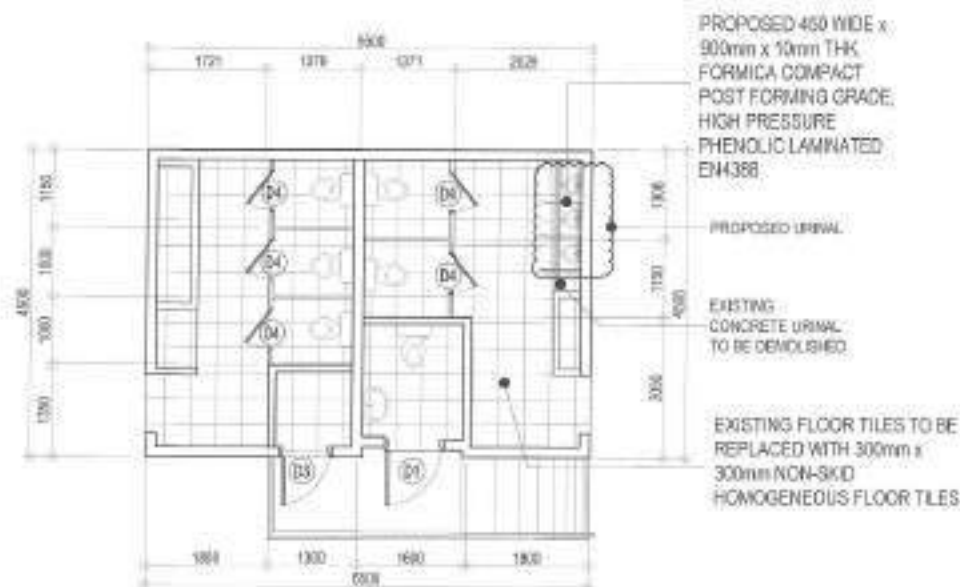


EXISTING FLOOR TILES TO BE REPLACED WITH 300mm x 300mm NON-SKID HOMOGENEOUS FLOOR TILES

2 ANNE CURTIS BUILDING (BLOW-UP DETAIL)

SCALE: 1:50 METERS

 <p>Republic of the Philippines Department of Engineering Quezon City</p>	PROJECT TITLE:	DATE: November 11, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	SHEET NO.:
	<p>PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN</p> <p>LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY</p>	<p>DESIGNED BY: ENR. FREDISWINDA D. DE GUZMAN</p> <p>CHECKED BY: [Signature]</p> <p>REVISIONS:</p>	<p>ENR. FREDISWINDA D. DE GUZMAN</p> <p>MR. FREDISWINDA D. DE GUZMAN</p>	<p>ATTY. MARK DALE DIAMOND P. PERRAL</p> <p>MR. MARK DALE DIAMOND P. PERRAL</p>	<p>HON. MA. JOSEFINA G. BELMONTE</p> <p>MR. MARK DALE DIAMOND P. PERRAL</p>	<p>ANNE CURTIS BUILDING (GROUND FLOOR PLAN) BLOW-UP DETAIL</p>	<p>AR-17 1754</p>



NOTE:

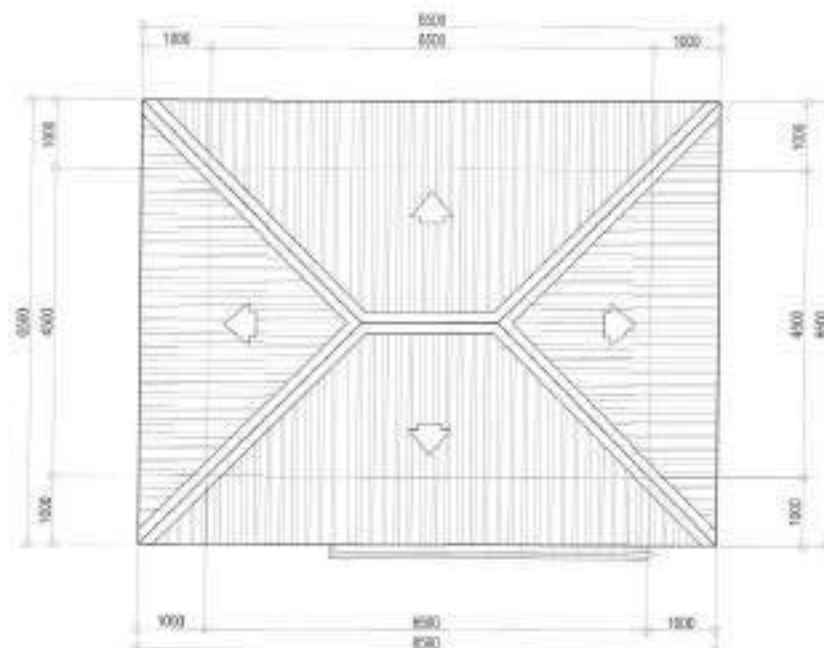
- REPLACEMENT OF CEILING WITH 6mm THICK FIBER CEMENT BOARD ON METAL FRAME
- REPAINTING OF INTERIOR WALLS AND CEILING
- REPLACEMENT OF COUNTERTOP

1 COMMON CR 1 (GROUND FLOOR PLAN)

SCALE : 1:80 METERS

2 COMMON CR 1 (ROOF PLAN)

SCALE : 1:80 METERS



NOTE:

- EXISTING ROOF TO BE REPLACED



Republic of the Philippines
City of Quezon City
DEPARTMENT OF ENGINEERING
City Engineer's Office, City Engineer's Office
Quezon City, Philippines
Quezon City, Philippines

PROJECT TITLE :
PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN

LOCATION :
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE : November 11, 2023

DESIGNED BY :
CHECKED BY :
REVIEWED BY :

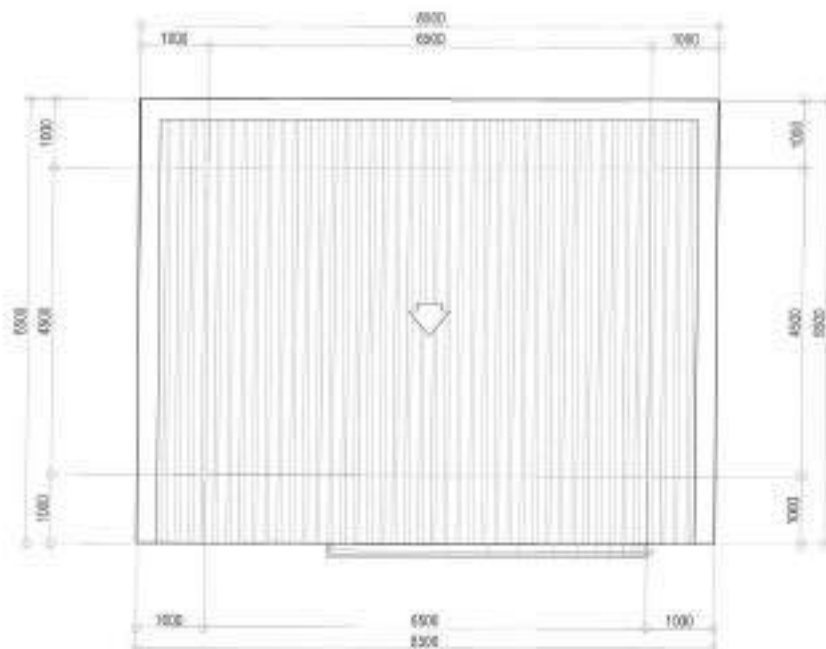
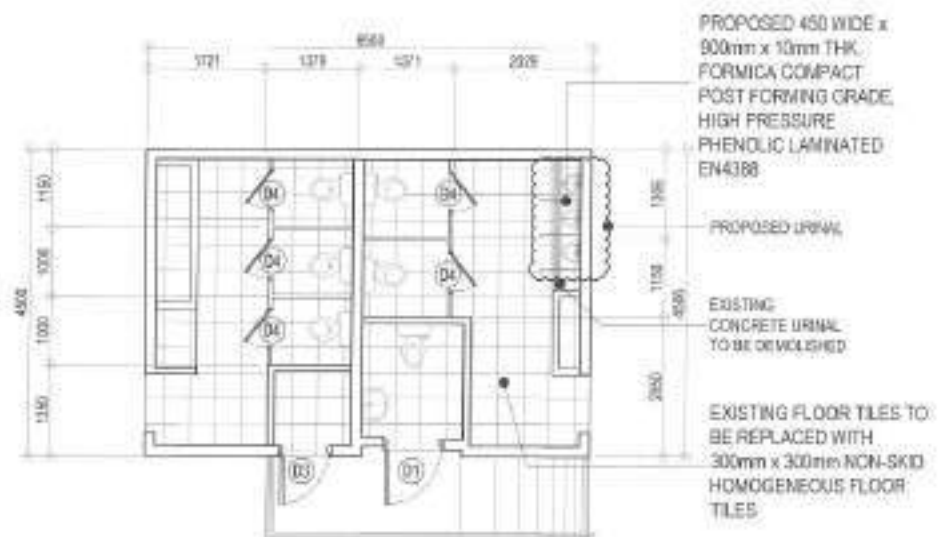
SUBMITTED BY :
ENGR. FREDSWINDA L. DE GUZMAN
HOLD: PLANNING & DESIGNER

RECOMMENDING APPROVAL :
ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY :
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT :
COMMON CR 1 (GROUND FLOOR PLAN)
COMMON CR 1 (ROOF PLAN)

SHEET NO. :
AR-18
1854



NOTE:

- REPLACEMENT OF CEILING WITH 6mm THICK FIBER CEMENT BOARD ON METAL FRAME
- REPAINTING OF INTERIOR WALLS AND CEILING
- REPLACEMENT OF COUNTERTOP

NOTE:

- EXISTING ROOF TO BE REPLACED (SEE TRUSS DETAIL @ ST-01)

1 COMMON CR 2 (GROUND FLOOR PLAN)

SCALE : 1:80 METERS

2 COMMON CR 2 (PROPOSED ROOF PLAN)

SCALE : 1:80 METERS



Republic of the Philippines
Department of Engineering
Quezon City
Office Address: Engineering Department, Quezon City

PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2023

DESIGNED BY:
ENR. FREDISWILMA D. DE GUZMAN

CHECKED BY:
ENR. FREDISWILMA D. DE GUZMAN

REVISION NO.:

SUBMITTED BY:

ENGR. FREDISWILMA D. DE GUZMAN
ENR. FREDISWILMA D. DE GUZMAN

RECOMMENDING APPROVAL:

ATTY. MARK DALE DIAMOND P. PERRAL
ATTY. MARK DALE DIAMOND P. PERRAL

APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
HON. MA. JOSEFINA G. BELMONTE

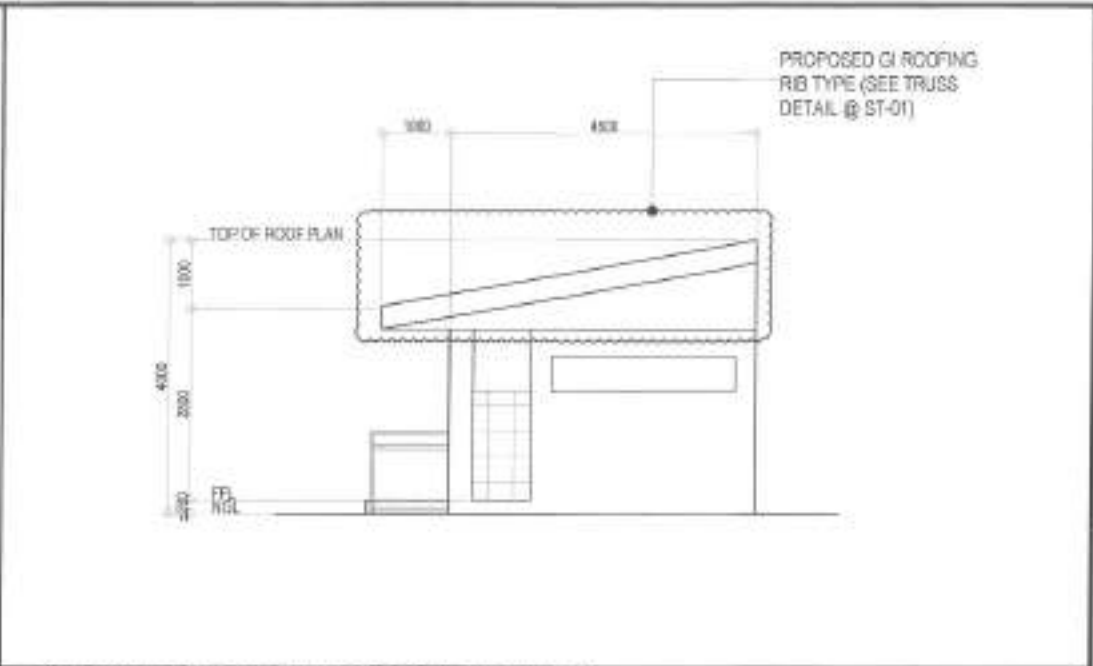
SHEET CONTENT:

COMMON CR 2
GROUND FLOOR PLAN
COMMON CR 2
PROPOSED ROOF PLAN

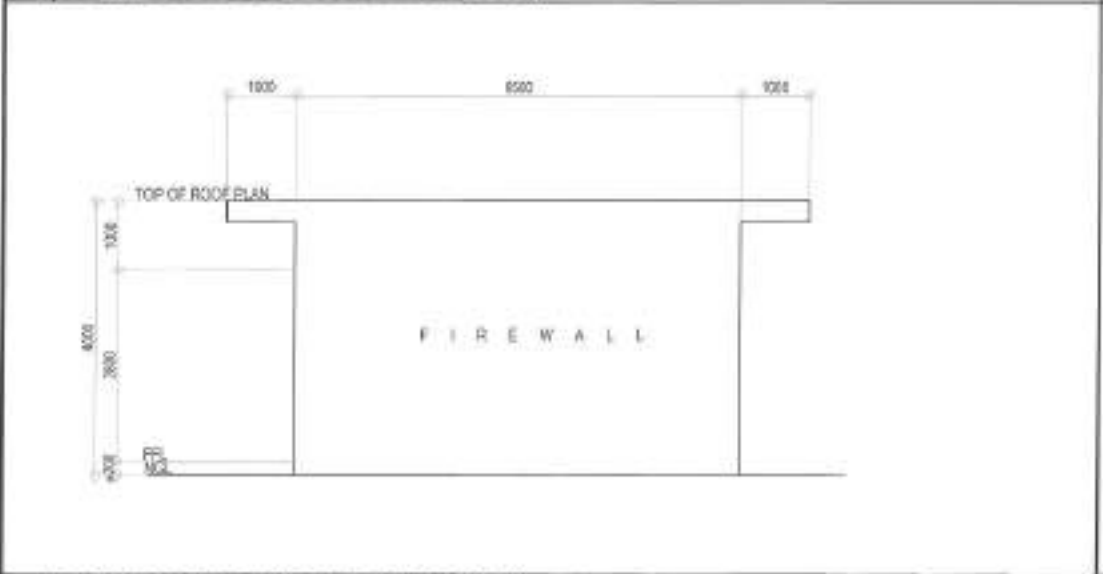
SHEET NO.:

**AR-19
1954**

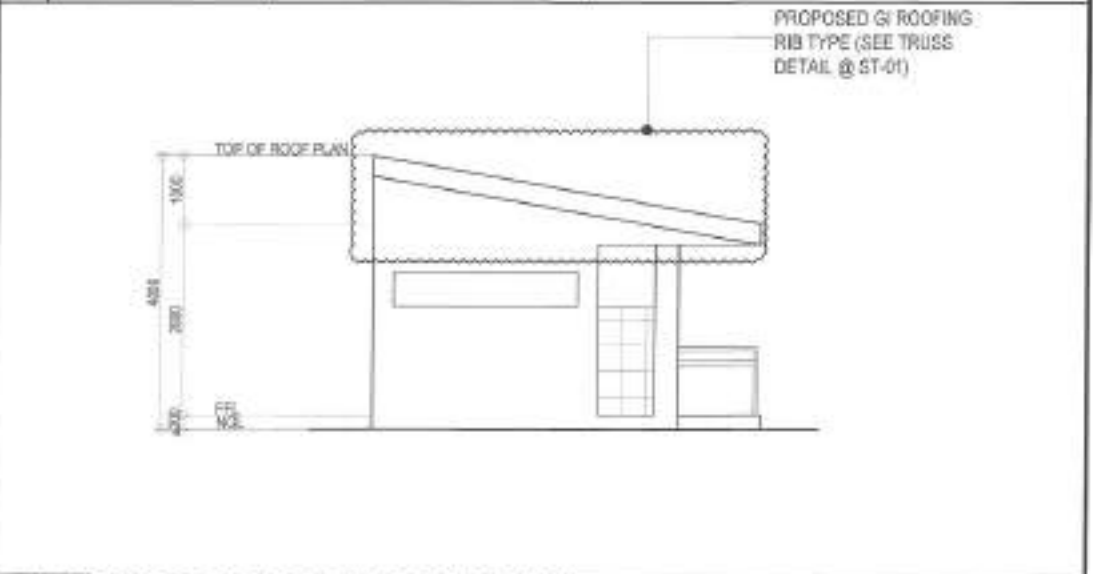
SCALE: 1:60 METERS



SCALE: 1:60 METERS



SCALE : 1:80 METERS



SCALE : 1:30 METERS



DEPARTMENT OF ENGINEERING
 1000 University Ave., Room 1000, University of Toronto
 Toronto, Ontario M5S 1A5
 Tel: (416) 978-2000
 Fax: (416) 978-2000
 E-mail: engineering@utoronto.ca

PROJECT TITLE:

PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN

LOCATION: BARANGAY KATIPLINAW, DISTRICT 1, QUEZON CITY

DATE: November 11, 2009

DESIGNED BY:
CIVIL ENGINEER

REVISIONO

SUBMITTED BY:

ENGR. FREDERICKA D. DE GUZMAN
HARD PLASTERING CONTRACTOR

RECOMMENDING APPROVAL

ATTY. MARK DALE DIAMOND P. PERRAL,
ATTORNEYS

APPENDIX

HON. MA. JOSEFINA G. BELMONTE
CITY CLERK, GREEN CITY

SHEET CONTENT

FRONT ELEVATION
RIGHT SIDE ELEVATION
REAR ELEVATION
LEFT SIDE ELEVATION

SHEET NO.

AR-20
2054

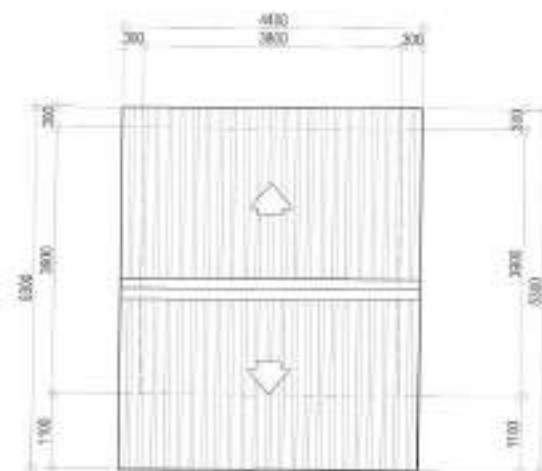


EXISTING FLOOR TILES
TO BE REPLACED WITH
300mm x 300mm NON-SKID
HOMOGENEOUS FLOOR
TILES

NOTE:

- REPLACEMENT OF CEILING WITH 6mm THICK FIBER CEMENT BOARD ON METAL FRAME
- REPAINTING OF INTERIOR WALLS AND CEILING
- REPLACEMENT OF COUNTERTOP

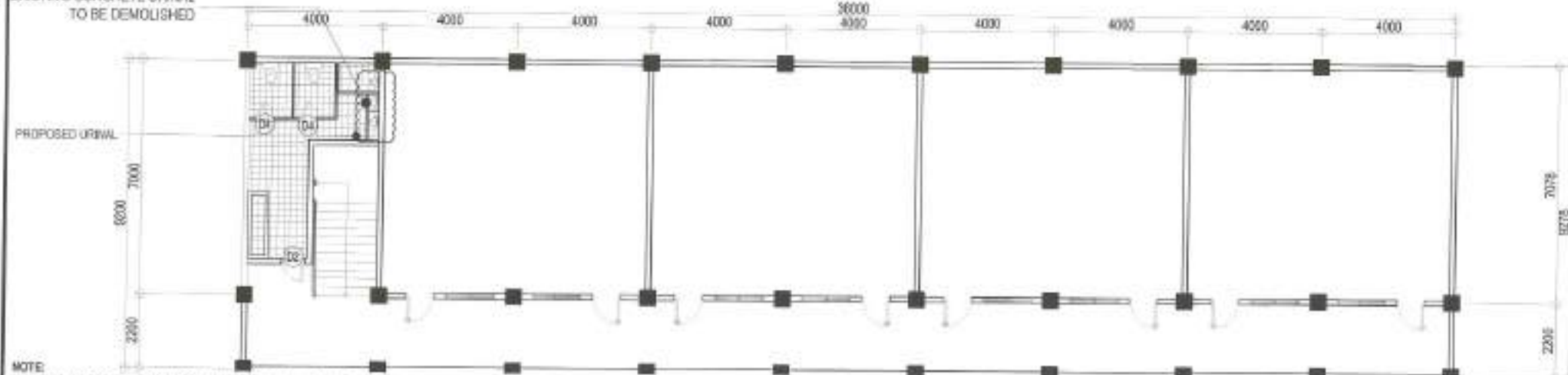
1 COMMON CR 3 (GROUND FLOOR PLAN)



2 COMMON CR 3 (ROOF PLAN)

SCALE : 1:80 METERS

EXISTING CONCRETE URINAL
TO BE DEMOLISHED



NOTE:

- EXISTING FLOOR TILES AND WALL TILES TO BE REPLACED WITH 300mm x 300mm NON-SKID HOMOGENEOUS FLOOR TILES
- REPLACEMENT OF CEILING WITH 6mm THICK FIBER CEMENT BOARD ON METAL FRAME
- REPAINTING OF INTERIOR WALLS AND CEILING
- REPLACEMENT OF COUNTERTOP

4 SPED CALALAY BUILDING (GROUND FLOOR PLAN)

SCALE : 1:50 METERS



Republic of the Philippines
Department of Engineering
City of Quezon City
Office of the City Engineer
Office of the City Engineer
Office of the City Engineer

PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 7, 2023

DESIGNED BY:

DRAWN BY:

CHECKED BY:

REVISION:

SUBMITTED BY:

DESIGNED BY:

DRAWN BY:

CHECKED BY:

REVISION:

ENGR. FREDISWILDA D. DE GUZMAN
REG. PLUMBING & REHABILITATION

RECOMMENDING APPROVAL:

DESIGNED BY:

DRAWN BY:

CHECKED BY:

REVISION:

ATTY. MARK DALE D. AMON P. PERRAL
CITY ENGINEER

APPROVED BY:

DESIGNED BY:

DRAWN BY:

CHECKED BY:

REVISION:

HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT

DESIGNED BY:

DRAWN BY:

CHECKED BY:

REVISION:

COMMON CR 3
(GROUND FLOOR PLAN)
COMMON CR 3 (ROOF PLAN)
SPED CALALAY
BUILDING (GROUND FLOOR PLAN)

SHEET NO.

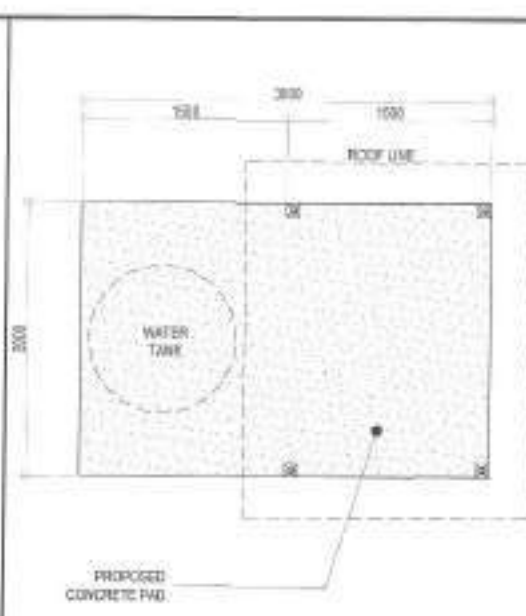
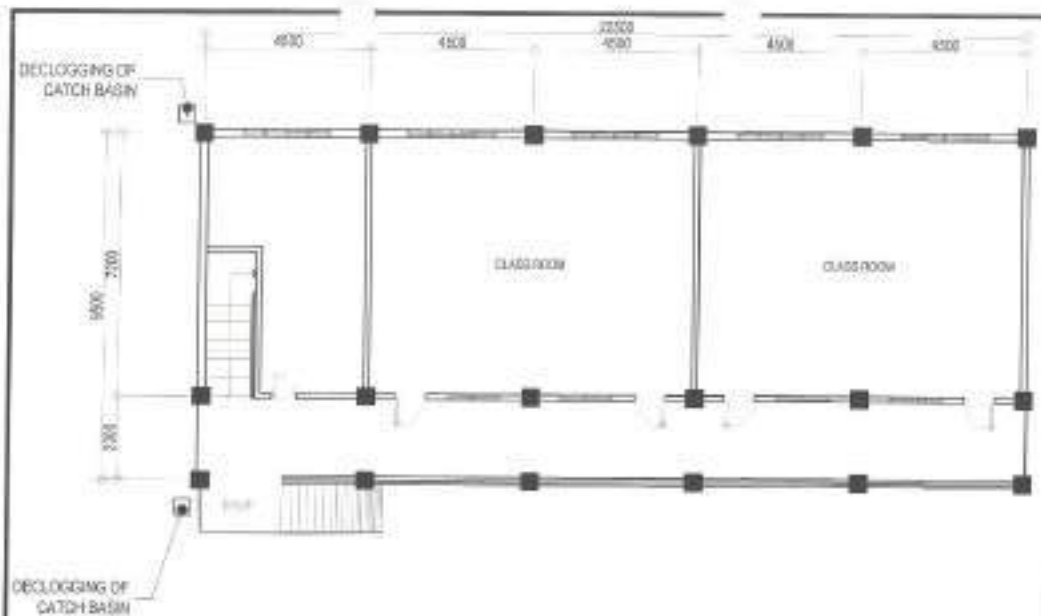
DESIGNED BY:

DRAWN BY:

CHECKED BY:

REVISION:

AR-21
2154



1 GROUND FLOOR PLAN (DPWH 1 BUILDING)

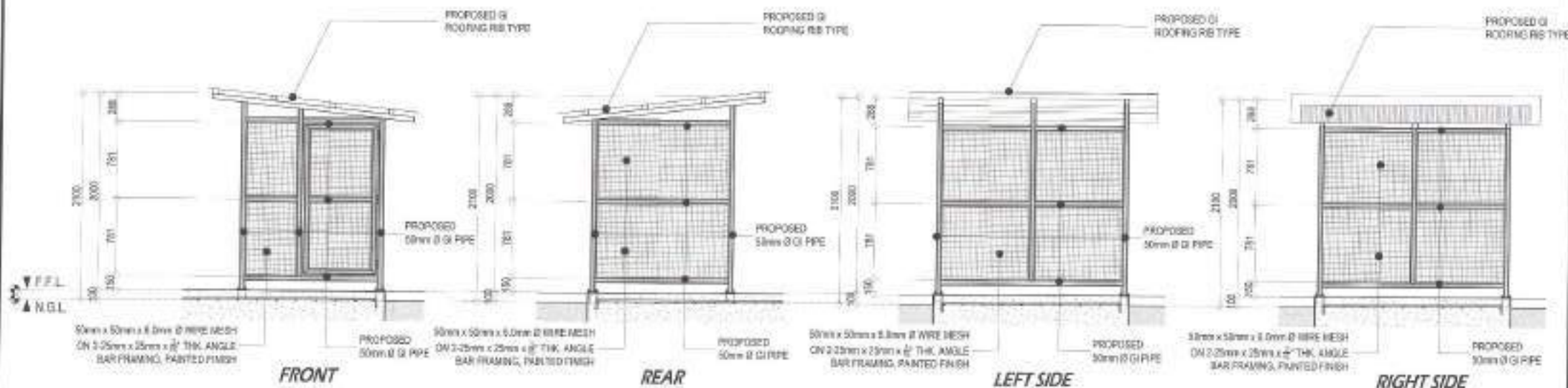
SCALE: 1:100 METERS

2 CONCRETE PAD PLAN NEAR DPWH 4 BUILDING

SCALE: 1:40 METERS

3 CONCRETE PAD ROOFING NEAR DPWH 4 BUILDING

SCALE: 1:40 METERS



4 ELEVATION

SCALE: 1:40 METERS



Republic of the Philippines
 Department of Engineering
 Quezon City

PROJECT TITLE:
 PROPOSED UPGRADING OF PLUMBING
 SYSTEM AND REHABILITATION OF COMFORT
 ROOMS AT SAN ANTONIO ELEMENTARY
 SCHOOL IN BARANGAY KATIPUNAN

LOCATION:
 BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 1, 2021

DESIGNED BY:
 CIVIL ENGINEER
 [Signature]

DRAWN BY:
 CIVIL ENGINEER
 [Signature]

REVISIONS:

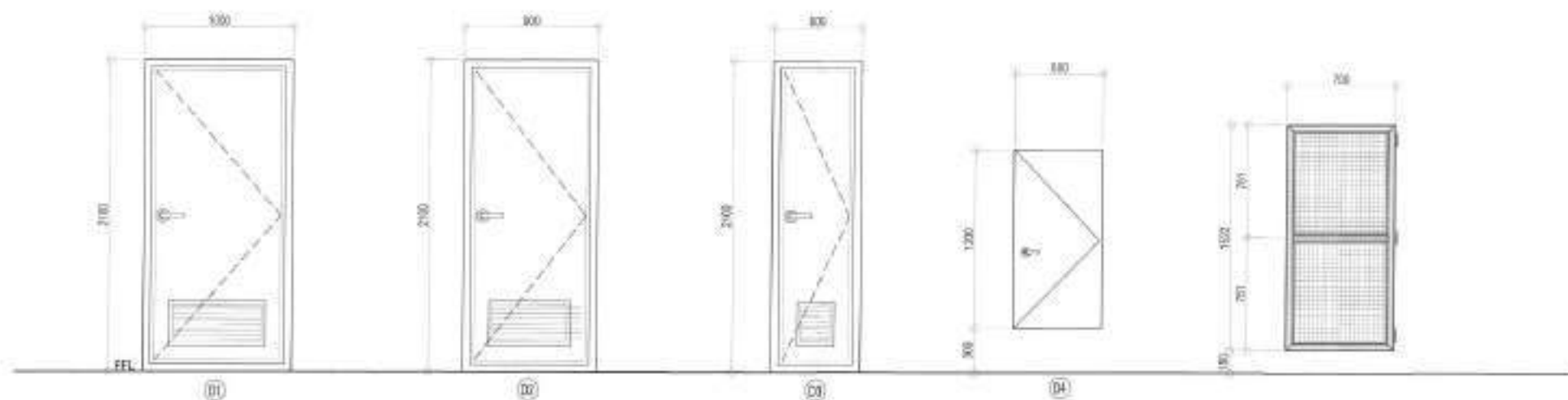
SUBMITTED BY:
 ENGR. FREDERICKA D. DE GUZMAN
 HEAD, PLUMBING DIVISION

RECOMMENDING APPROVAL:
 ATTY. MARK DALE DIAMOND P. PERRAL
 CIVIL ENGINEER

APPROVED BY:
 HON. MA. JOSEFINA G. BELMONTTE
 DIVISION ENGINEER

SHEET CONTENT:
 PROPOSED UPGRADING
 OF PLUMBING SYSTEM
 AND REHABILITATION
 OF COMFORT ROOMS
 AT SAN ANTONIO
 ELEMENTARY SCHOOL
 IN BARANGAY
 KATIPUNAN

SHEET NO.
 AR-22
 2254

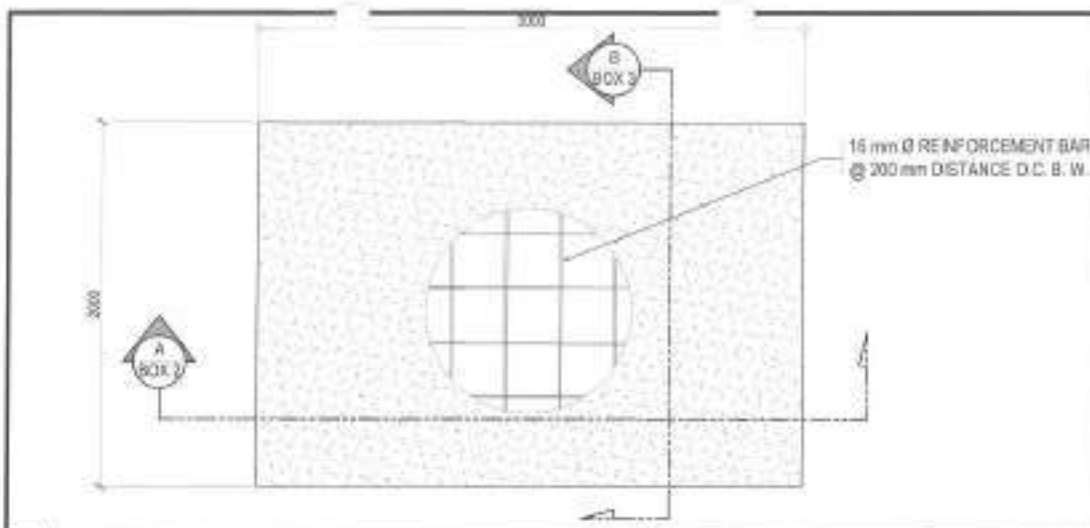


NAME	D1	D2	D3	D4
SUBMITTER	FLUSH DOOR WITH LOCKER	FLUSH DOOR WITH LOCKER	FLUSH DOOR WITH LOCKER	FLUSH DOOR
LOCATION	COMFORT ROOM	COMFORT ROOM	COMFORT ROOM	COMFORT ROOM
REMARKS	TO BE REPLACED	TO BE REPLACED	TO BE REPLACED	TO BE REPLACED

1 SCHEDULE OF DOORS

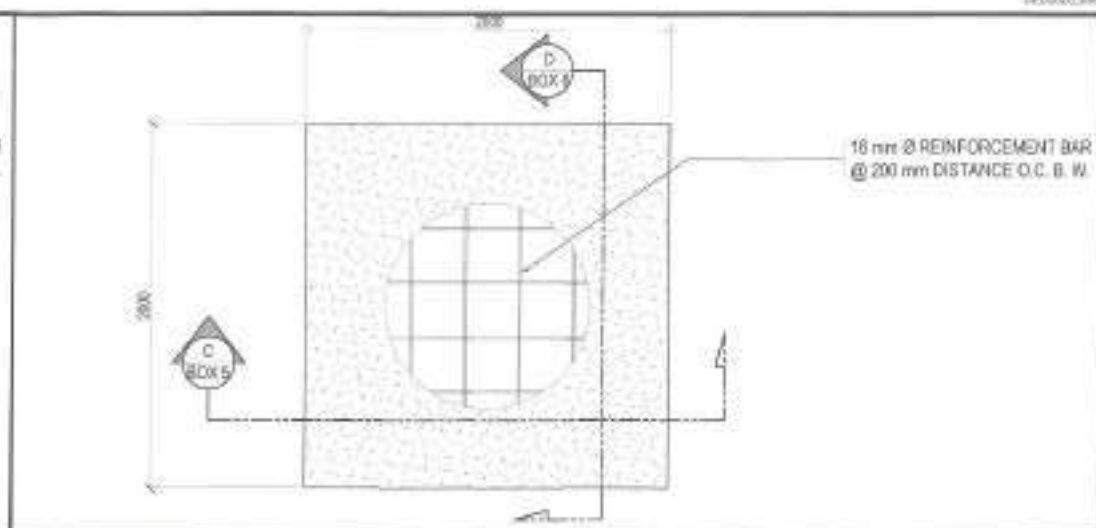
SCALE: 1:125 METERS

<p>Republic of the Philippines Department of Engineering Quezon City</p>	PROJECT TITLE:		DATE: November 11, 2020	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	SHEET NO.:
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN		DESIGNED BY:	 ENGR. FREDWIN D. DE GUZMAN <small>REG. PLUMBING & SANITARY ENGINEER</small>	 ATTY. MARK DALE DIAMOND P. PERRAL <small>ATTORNEY</small>	 HON. MA. JOSEFINA G. BELMONTE <small>OFFICIAL SECRETARY</small>	SCHEDULE OF DOORS	AR-23 2354
	LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY		 <small>DESIGNER</small>					



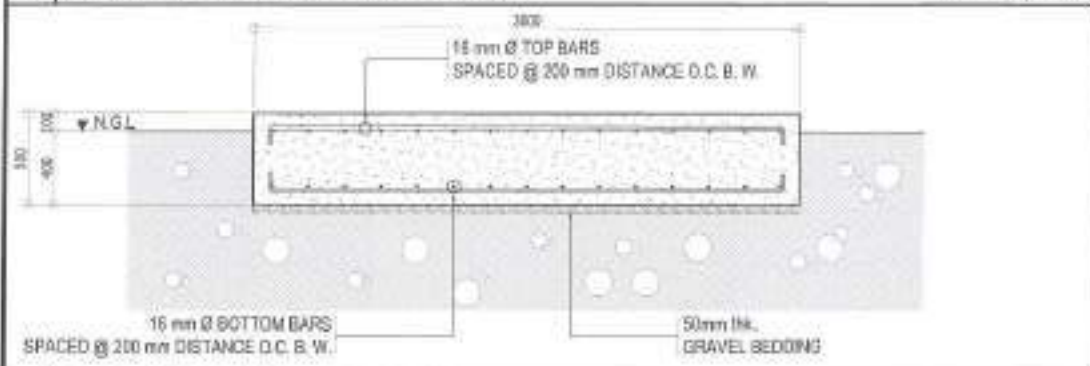
1 CONCRETE PAD FOUNDATION PLAN

SCALE: 1:30 METERS



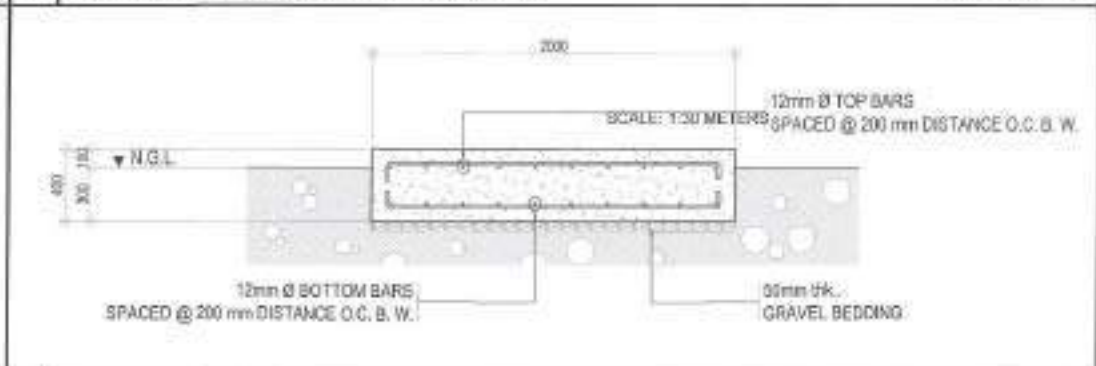
4 CONCRETE PAD FOUNDATION PLAN

SCALE: 1:30 METERS



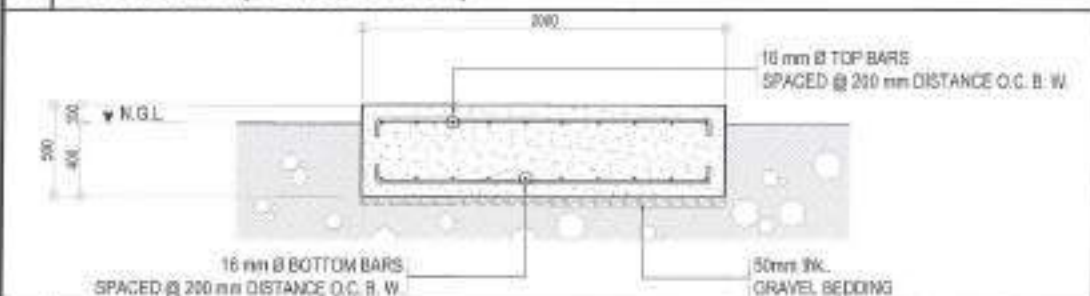
2 SECTION "A" (CONCRETE PAD)

SCALE: 1:30 METERS



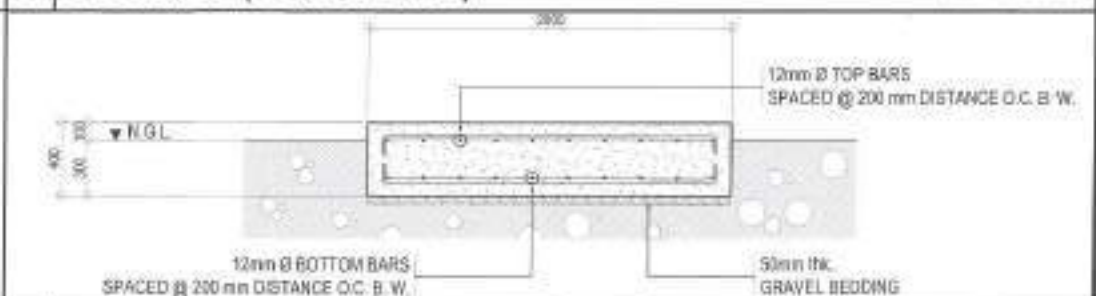
5 SECTION "C" (CONCRETE PAD)

SCALE: 1:30 METERS



3 SECTION "B" (CONCRETE PAD)

SCALE: 1:30 METERS

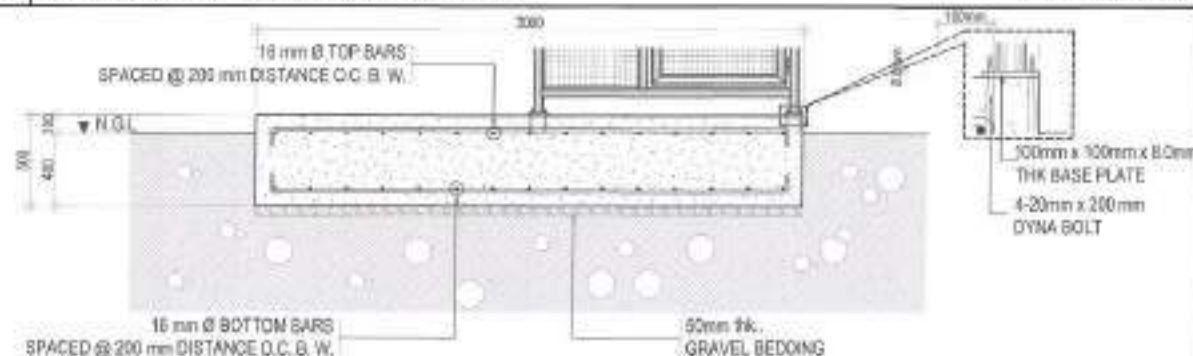


6 SECTION "D" (CONCRETE PAD)

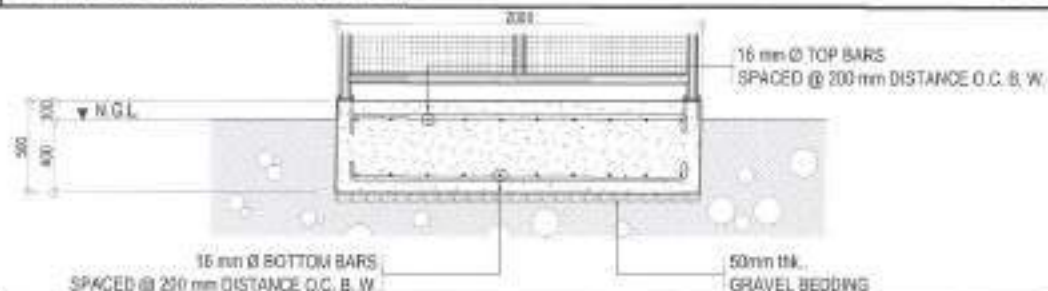
SCALE: 1:30 METERS

<p>Quezon City Department of Engineering City Center Building 8, City Hall Compound, Quezon City Telephone: (02) 8611-1111 E-mail: deeng@qcd.gov.ph</p>	PROJECT TITLE:	DATE: November 9, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.	
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DESIGNED BY: CIVIL ENGINEER 	DRAWN BY: CIVIL ENGINEER 	ENGR. FREDWIN D. DE GUZMAN HND: PLUMBING ENGINEER	ATTY. MARK DALE D. AMONDO P. PERRAL CITY ENGINEER	HON. MA. JOSEFINA G. BELMONTE CITY MAYOR, QUEZON CITY	CONCRETE PAD FOUNDATION PLAN SECTION "A" CONCRETE PAD FOUNDATION PLAN SECTION "B" CONCRETE PAD FOUNDATION PLAN SECTION "C" CONCRETE PAD FOUNDATION PLAN SECTION "D"	ST-02 2554
	LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY	REVISION NO.						

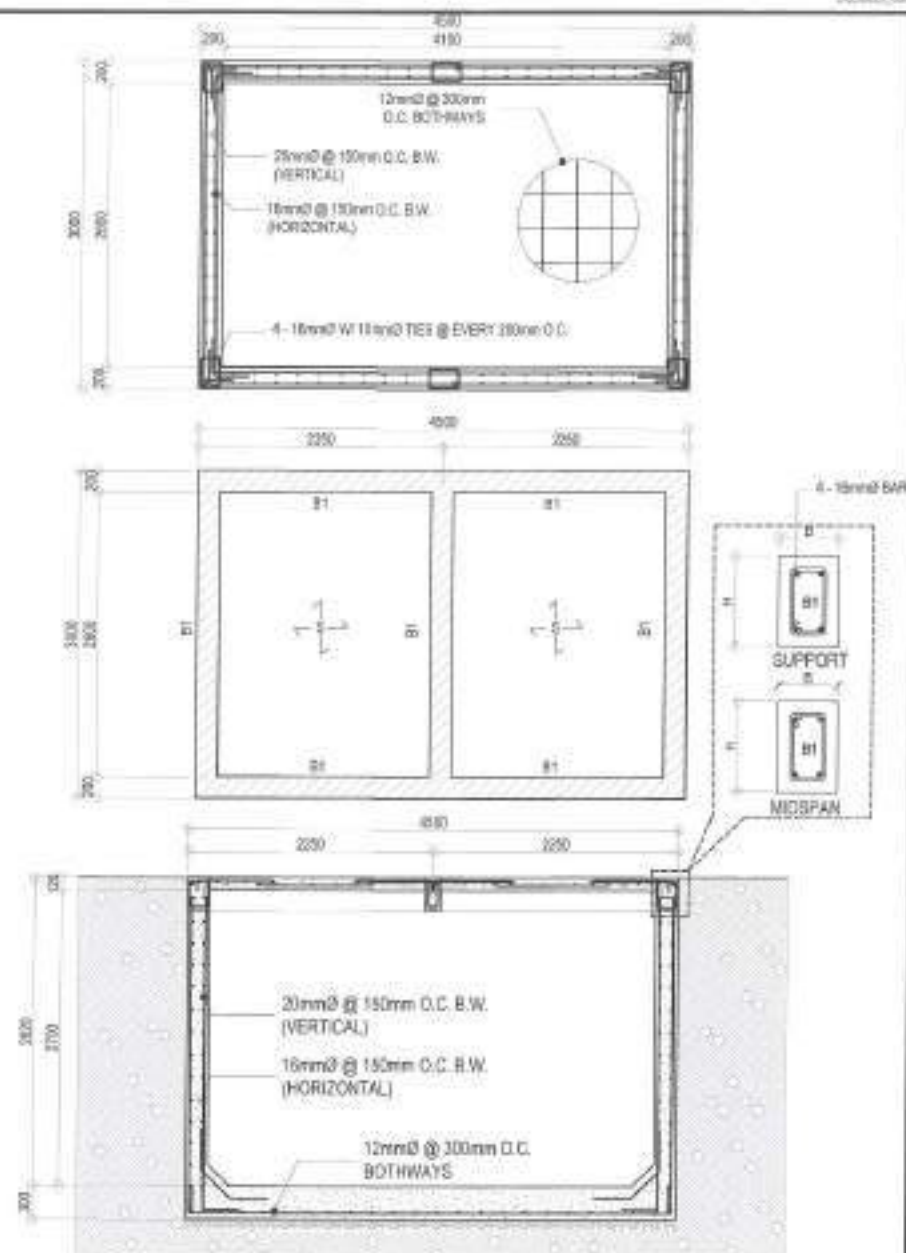
SCALE: 1:30 METERS



SCALE 1:30 METERS

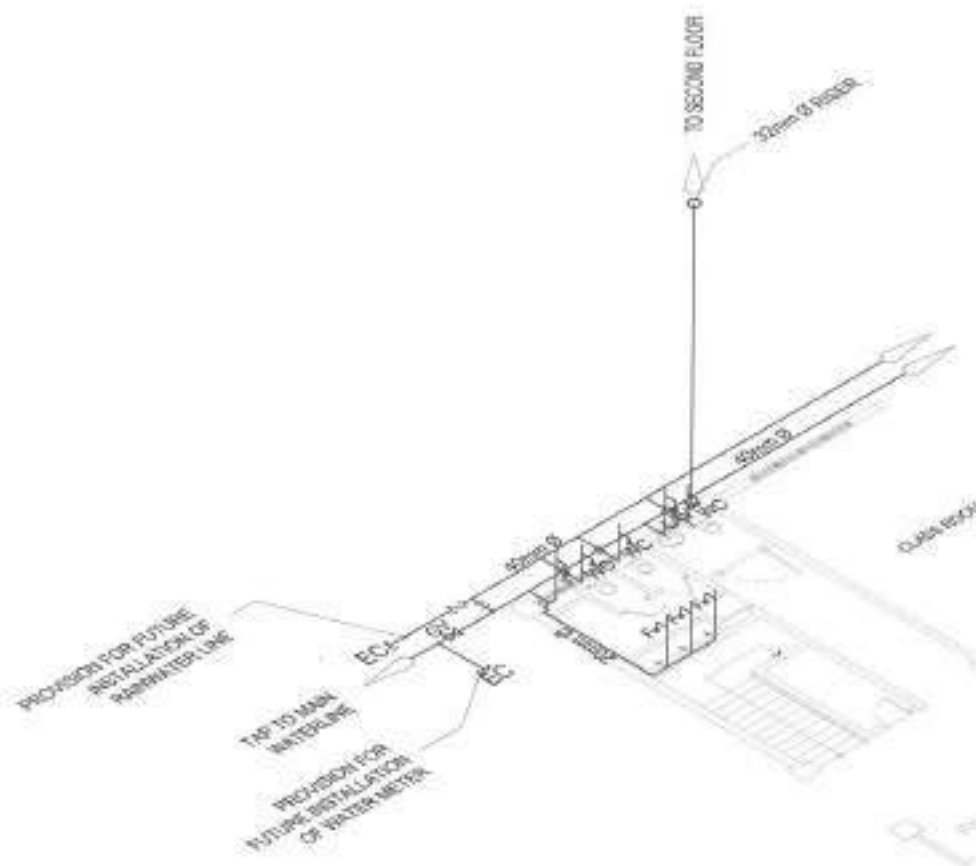


SCALE: 1:30 METERS



SCALE: 1:50 METERS

 <p>Republic of the Philippines Department of Engineering Office of the Department Engineer 1000, 1000, 1000 1000, 1000, 1000</p>	PROJECT TITLE :	DATE : November 15, 2021	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET CONTENT :	SHEET NO. :
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DESIGNED BY : DANIELA D. DE GUZMAN DANIELA D. DE GUZMAN	ENGR. FREDISWILDA D. DE GUZMAN HEAD, PLUMBING DESIGN DIVISION	ATTY. MARK DALE D. PERRAL ATTY. GENERAL	HON. MA. JOSEFINA G. BELMONTE ATTY. GENERAL	CONCRETE, PAINT, PLASTER, ROOFING, ETC. CONCRETE, PAINT, PLASTER, ROOFING, ETC. CONCRETE, PAINT, PLASTER, ROOFING, ETC.	ST-03 2654
	LOCATION : BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY	REVISIONS :					



NOT TO SCALE

NOT TO SCALE

 <p> Pangkalahatang Pabalang Pangkalahatang Lungsod ng Quezon DEPARTMENT OF ENGINEERING Quezon City Engineering Office, Quezon City, Philippines Address: P.O. Box 119, Quezon City Telephone: +63 (0)2 8552-4222 E-mail: qce@qce-engineering.com, qce@qce.gov.ph </p>	PROJECT TITLE:	DATE: November 11, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DESIGNER:  RECOMMENDING ENGINEER:  CHECKED BY:  NOTED BY: 	 ENGR. FREDISMAR D. DE GUZMAN HEAD, PLANNING & DESIGN DIVISION	 ATTY. MARK DALE D. MOND P. PERRA CITY ENGINEER	 HON. MA. JOSEFINA G. BELMONTE CITY MAJOR, SECOND CITY	"DESIGNED BY: [Signature] APPROVED BY: [Signature] CHECKED BY: [Signature] NOTED BY: [Signature]"	PL-02 2854

NOTE
• EXISTING PLUMBING FIXTURES TO BE REPLACED

1 DPWH BUILDING 2 (TYPICAL SECOND FLOOR TO FOURTH FLOOR WATERLINE LAYOUT)

SCALE: 1:125 METERS

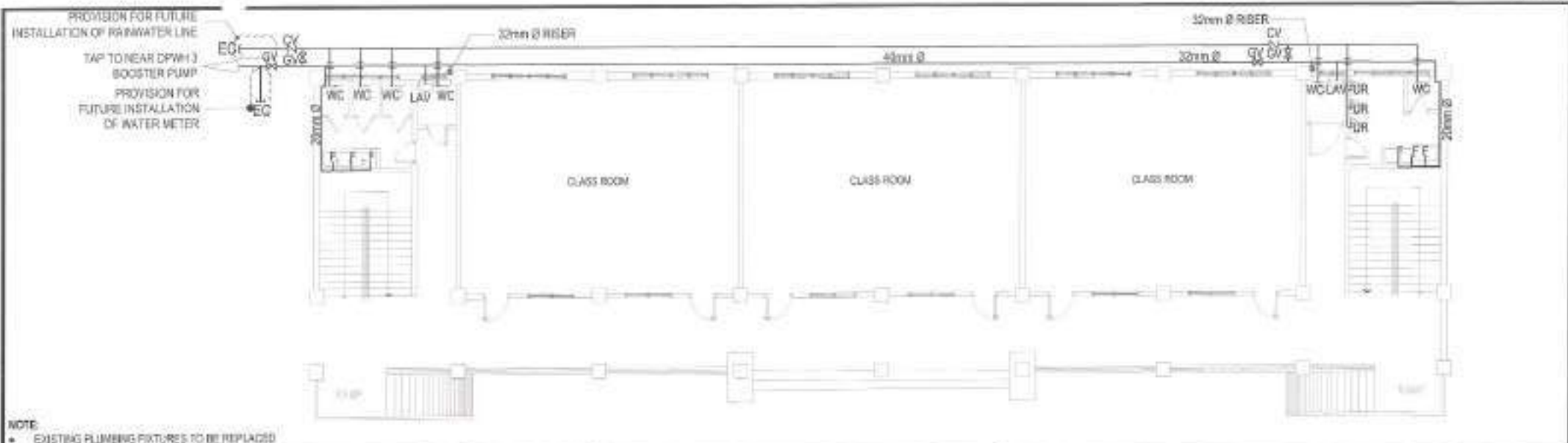


NOTE:
* EXISTING PLUMBING FIXTURES TO BE REPLACED

2 DPW/H BUILDING 2 (TYPICAL SECOND FLOOR TO FOURTH FLOOR SANITARY LAYOUT)

SCALE 1:125 METERS

[illegible]

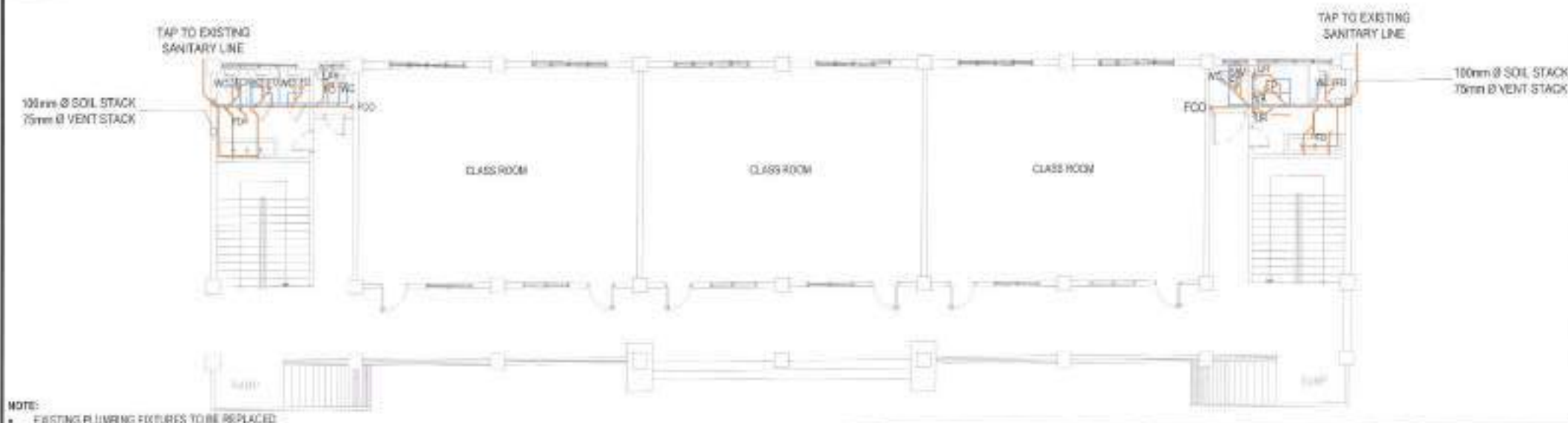


NOTE

• EXISTING PLUMBING FIXTURES TO BE REPLACED

1 DPWH BUILDING 3 (GROUND FLOOR WATERLINE LAYOUT)

SCALE 1:125 METERS

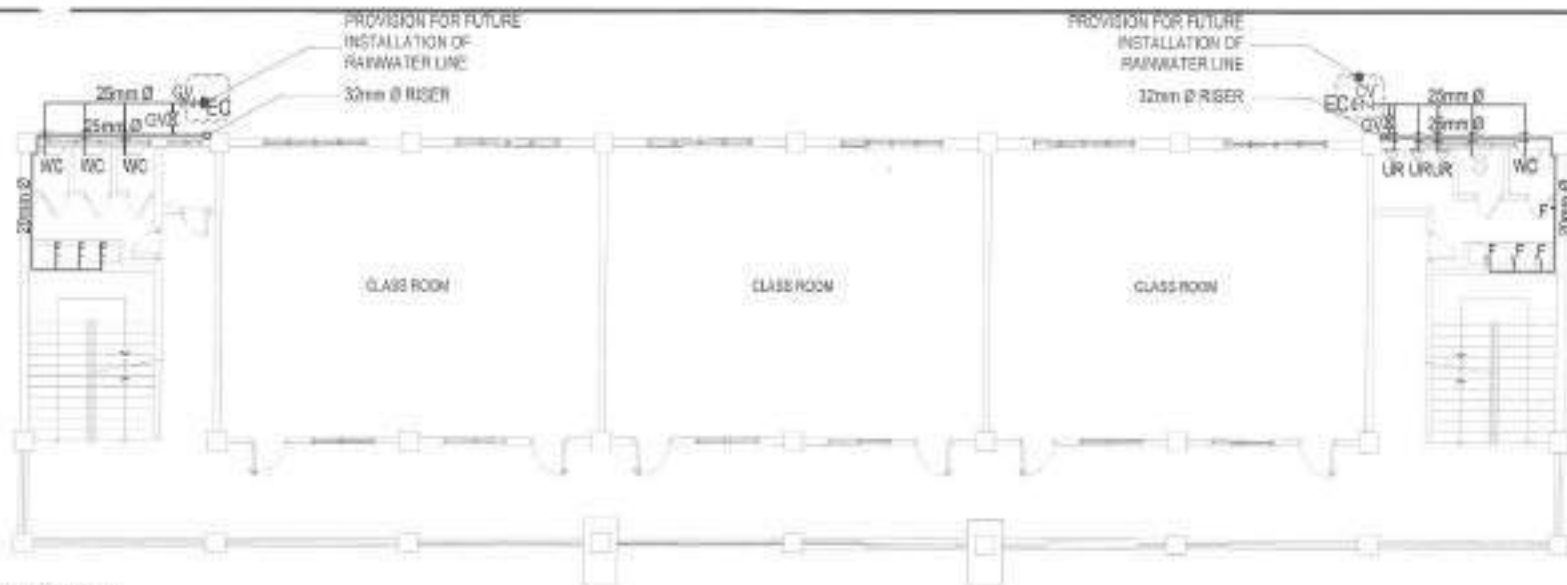


NOTE:

EXISTING PLUMBING FIXTURES TO BE REPLACED:

2 DPWH BUILDING 3 (GROUND FLOOR SANITARY LAYOUT)

 <p>Responsible Engineer Licensed by the Board of Engineers DEPARTMENT OF ENGINEERING Office of the City Engineer Quezon City, Philippines 1105 Telephone: (632) 8554-1000 Email: deo@cityengr.gov.ph</p>	PROJECT TITLE: PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DATE: November 11, 2023 DESIGNED BY: REVIEWED BY:	SUBMITTED BY:  ENGR. FREDSWINE D. DE GUZMAN (P.L. No. 0000-01000)	RECOMMENDING APPROVAL:  ATTY. MARK DALE DIAMOND P. PERRALTA (C.T. No. 0000-01000)	APPROVED BY:  HON. MA. JOSEFINA G. BELMONTE (B.T. No. 0000-01000)	SHEET CONTENT: CIVIL BUILDING COMFORT FLOOR REHABILITATION LAYOUT CIVIL BUILDING COMFORT FLOOR REHABILITATION LAYOUT	SHEET NO. <div style="border: 1px solid black; padding: 5px; text-align: center;"> PL-05 3154 </div>
	LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY	REVISION NO.:					

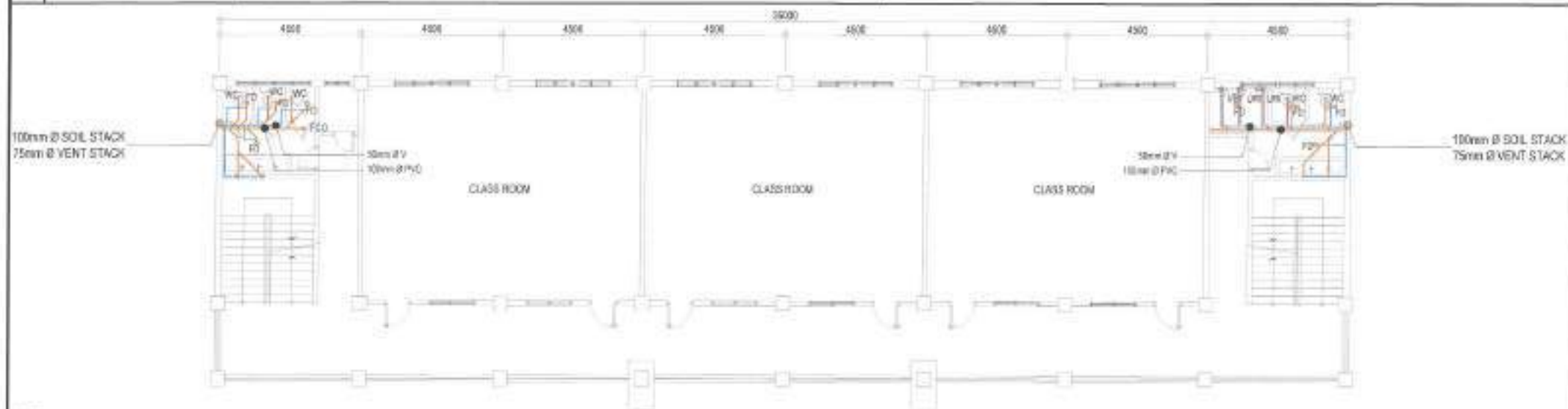


NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 DPWH BUILDING 3 (TYPICAL SECOND FLOOR TO FOURTH FLOOR WATERLINE LAYOUT)

SCALE : 1:125 METERS



NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

2 DPWH BUILDING 3 (TYPICAL SECOND FLOOR TO FOURTH FLOOR SANITARY LAYOUT)

SCALE : 1:50 METERS



Republic of the Philippines
Department of Engineering
Quezon City
Office: Engineering Division
Room: 101
Telephone: (02) 8888-8888
Fax: (02) 8888-8888
Email: engdiv@dpwh.gov.ph

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2020

DESIGNED BY:
REVISOR:

REVISIONS:

CHECKED BY:
DRAWN BY:

SUBMITTED BY:

ENGR. FREDISWICKA M. DE GUZMAN
HAS PLUMBING & MECHANICAL

RECOMMENDING APPROVAL:

ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY:

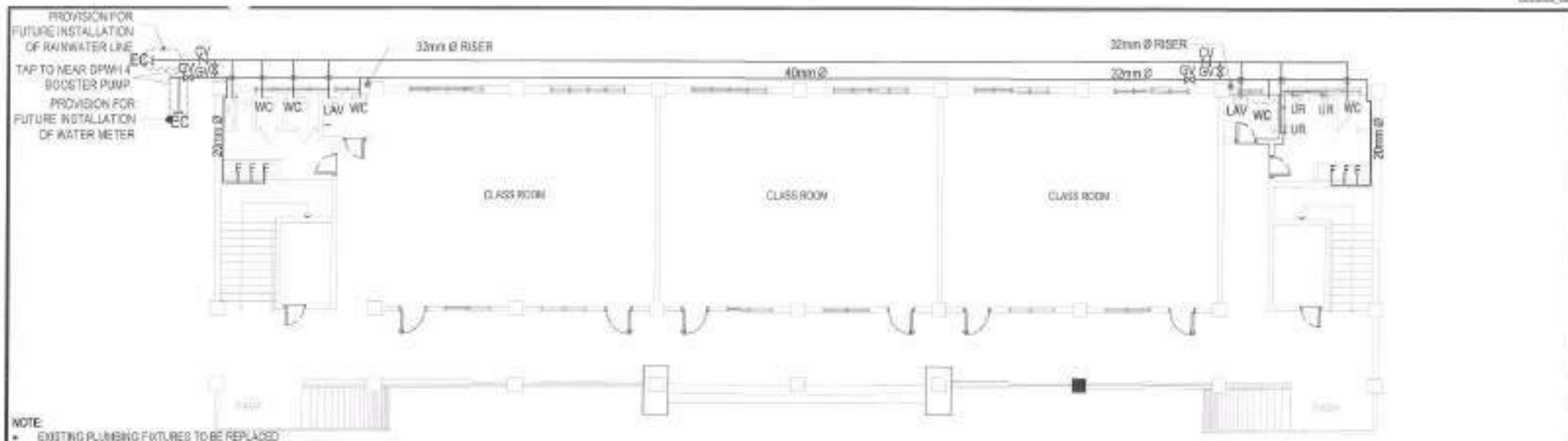
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT:

DPWH BUILDING 3
(TYPICAL SECOND FLOOR
TO FOURTH FLOOR
WATERLINE LAYOUT
(TYPICAL SECOND FLOOR
TO FOURTH FLOOR
SANITARY LAYOUT)

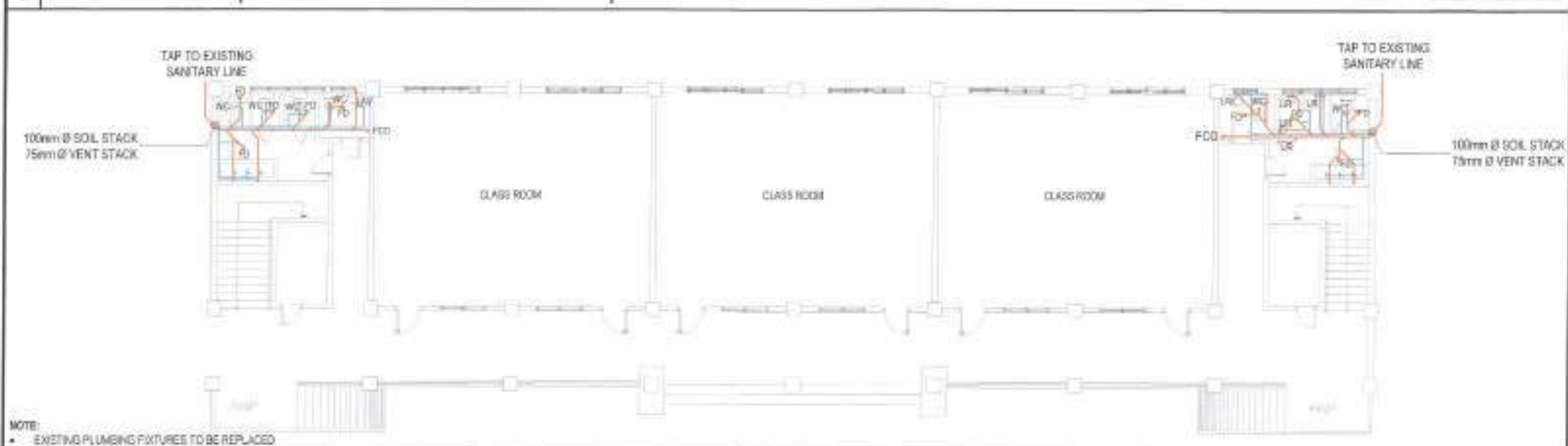
SHEET NO.

PL-06
3254



1 DPWH BUILDING 4 (GROUND FLOOR WATERLINE LAYOUT)

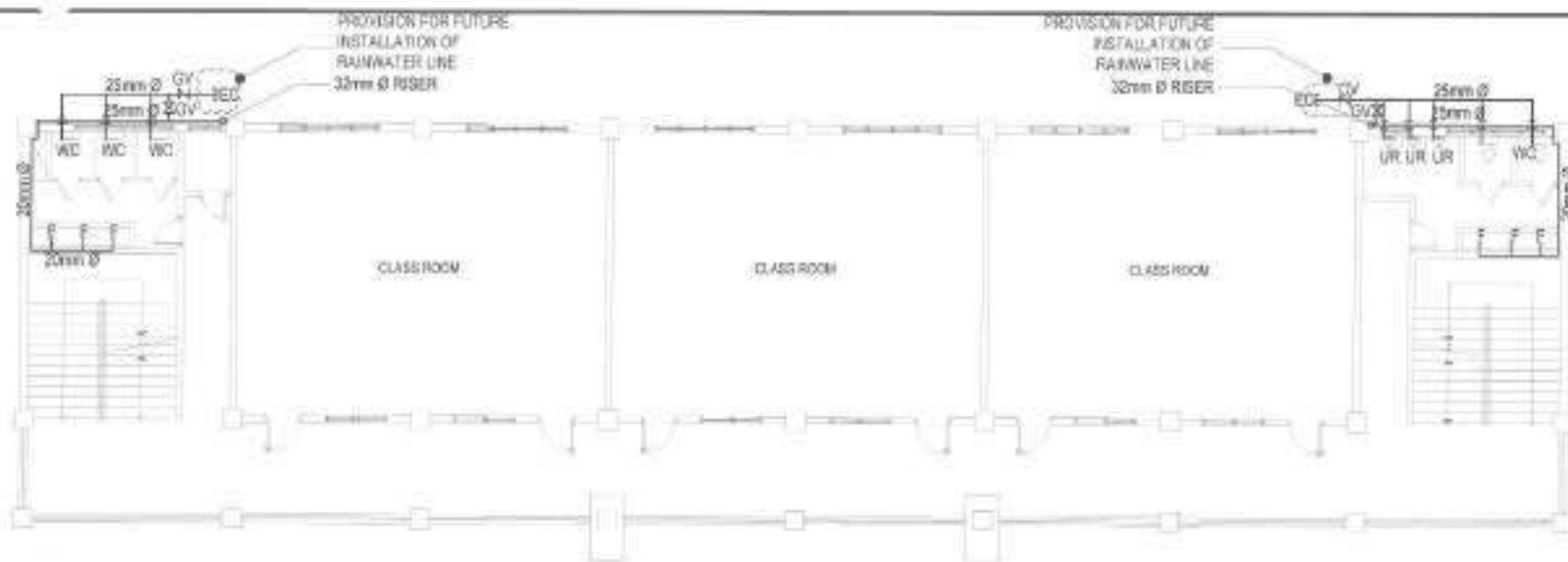
SCALE : 1:125 METERS



2 DPWH BUILDING 4 (GROUND FLOOR SANITARY LAYOUT)

SCALE : 1:125 METERS

 <p>Republic of the Philippines Department of Engineering Civil Engineering Division Office San Antonio Elementary School Barangay Katipunan, District 1, Quezon City</p>	PROJECT TITLE:	DATE: November 11, 2022	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	<p>PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN</p> <p>LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY</p>	<p>DESIGNED BY: <i>[Signature]</i></p> <p>CHECKED BY: <i>[Signature]</i></p> <p>REVISIONS:</p>	<p>ENGR. FREDERICKA D. DE GUZMAN</p> <p>REG. PROFESSIONAL ENGINEER</p>	<p>ATTY. MARK DALE DIAMOND P. PERRA</p> <p>OF COUNSEL</p>	<p>HON. MA. JOSEFINA G. BELMONTE</p> <p>OF BARANGAY KATIPUNAN</p>	<p>DPWH RAS-D0004 (GROUND FLOOR WATERLINE LAYOUT)</p> <p>DPWH RAS-D0004 (GROUND FLOOR SANITARY LAYOUT)</p>	<p>PL-07 3354</p>



NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 DPWH BUILDING 4 (TYPICAL SECOND FLOOR TO FOURTH FLOOR WATERLINE LAYOUT)

SCALE : 1:120 METERS




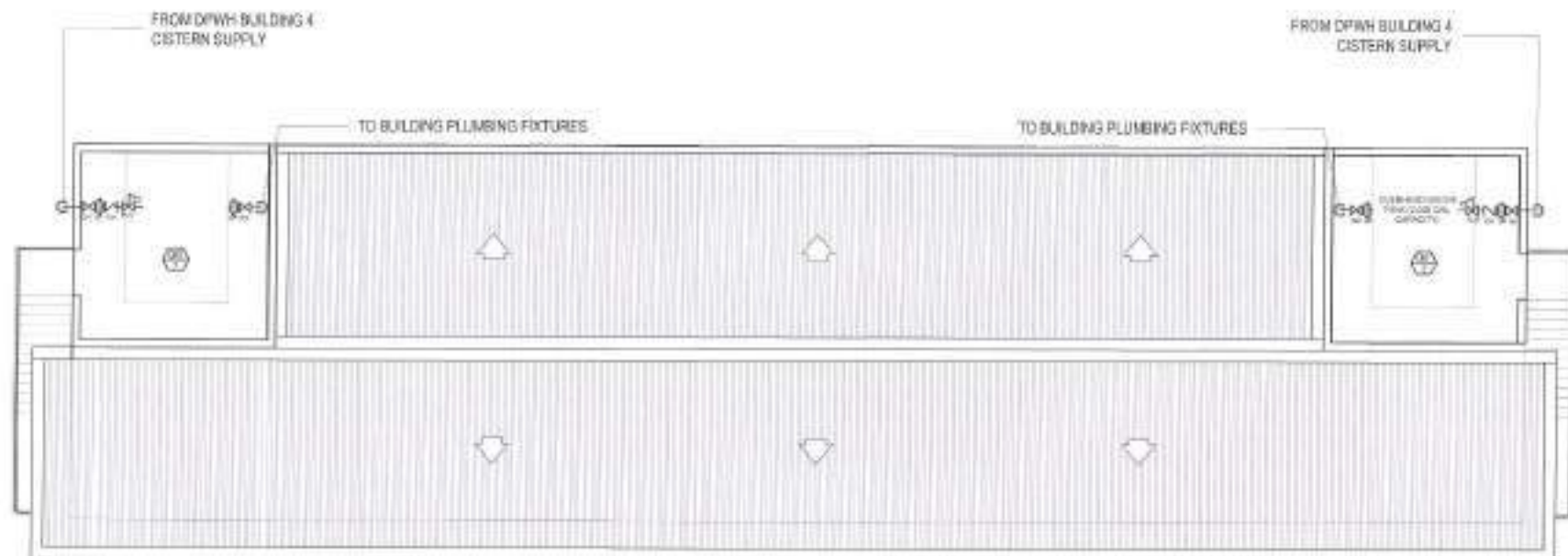
NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

2 DPWH BUILDING 4 (TYPICAL SECOND FLOOR TO FOURTH FLOOR SANITARY LAYOUT)

SCALE : 1:120 METERS

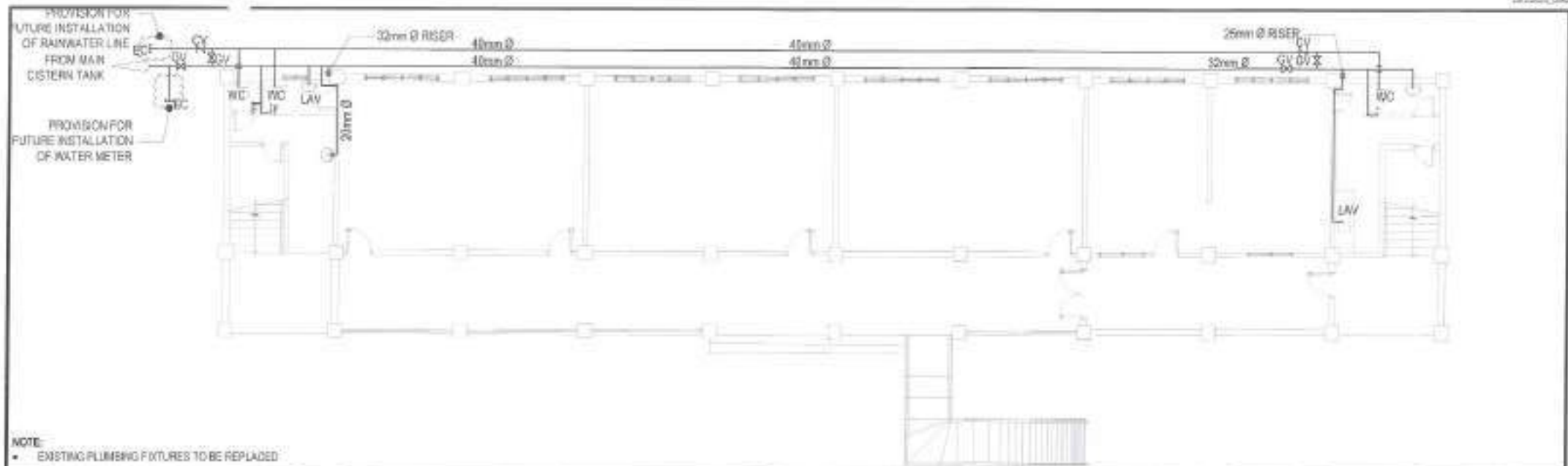
 <p>Republic of the Philippines Department of Engineering San Antonio Elementary School Barangay Katipunan, District 1, Quezon City</p>	PROJECT TITLE:	DATE: November 11, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DESIGNED BY:  CHECKED BY:  REVISION NO.:	ENGR. FREDWIN D. DE GUZMAN Engr. R. de Guzman	ATTY. MARK DALE DIAMOND P. FERRAL Atty. Mark D. Ferral	HON. MA. JOSEFINA G. BELMONTE Hon. Ma. Josefina G. Belmonte	DPWH BUILDING 4 (TYPICAL SECOND FLOOR WATERLINE LAYOUT) DPWH BUILDING 4 (TYPICAL SECOND FLOOR SANITARY LAYOUT)	PL-08 3454



1 DPWH BUILDING 4 (UPPER DECK WATERLINE LAYOUT)

SCALE: 1:125 METERS

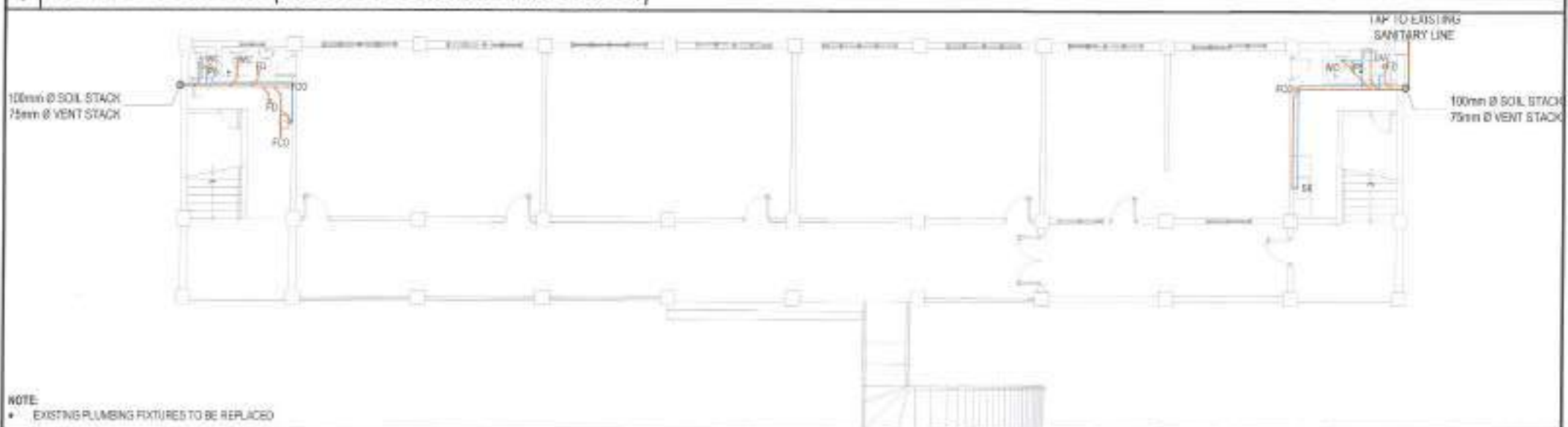
 <p>Barotili Engineering (Private) Luzon Inc. Quezon City DEPARTMENT OF ENGINEERING Barotili Engineering (Private) Quezon City, Luzon Inc. Quezon City, Luzon Inc. 1100-000 Luzon Inc. Engineering (Private) Quezon City</p>	PROJECT TITLE:	DATE: November 11, 2017	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY	DESIGNED BY: NEGANDA DRAWN BY: NEGANDA CHECKED BY: NEGANDA	ENGR. FREDISWYLLA D. DE GUZMAN LGE, RANGLA & ASSOCIATES	ATTY. MARK DALE DIAMOND P. PERRALTA LGE, RANGLA & ASSOCIATES	HON. MA. JOSEFINA G. BELMONTE CITY ENGINEER	UPPER DECK WATERLINE LAYOUT (SEE WATERLINE LAYOUT)	PL-09 3554



NOTE:
• EXISTING PLUMBING FIXTURES TO BE REPLACED

1 AGUINALDO BUILDING (GROUND FLOOR WATERLINE LAYOUT)

SCALE : 1:125 METERS

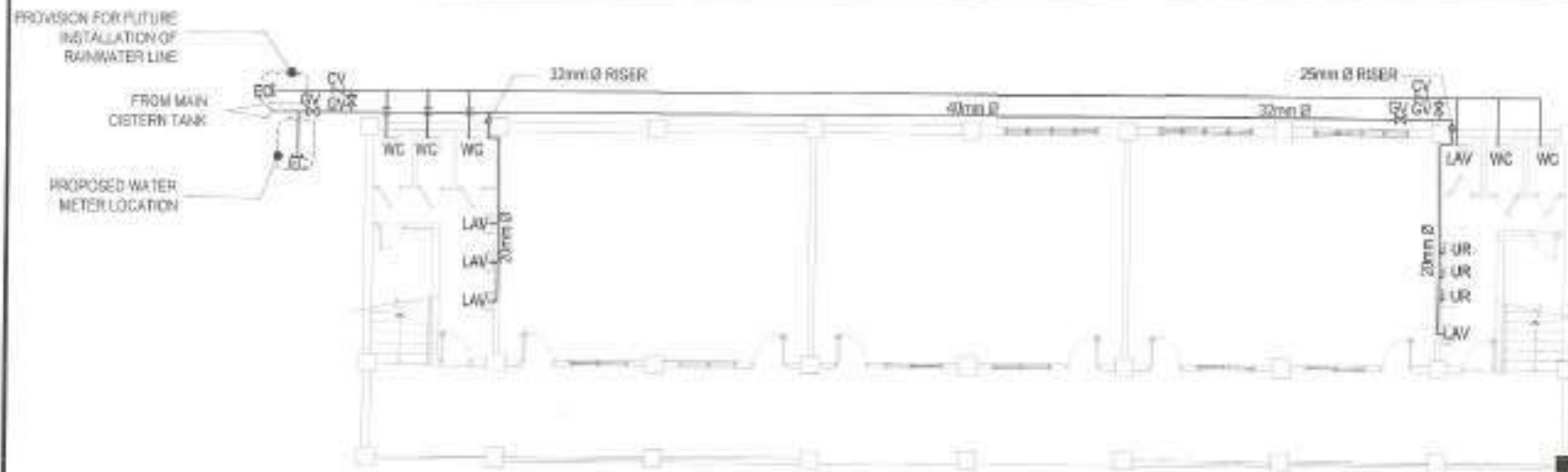


NOTE:
• EXISTING PLUMBING FIXTURES TO BE REPLACED

2 AGUINALDO BUILDING (GROUND FLOOR SANITARY LAYOUT)

SCALE : 1:125 METERS

 <p>Republic of the Philippines Department of Engineering San Antonio Elementary School Barangay Katipunan, District 1, Quezon City Telephone: 091-2222-1111 Email: de@de.doe.gov.ph</p>	PROJECT TITLE:	DATE: November 11, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DESIGNED BY: 	ENGR. FREDISWIND A. DE GUZMAN	ATTY. MARK DALE DIAMOND P. PERRAL	HON. MA. JOSEFINA G. BELMONTE	AGUINALDO BUILDING (GROUND FLOOR WATERLINE LAYOUT)	PL-10
	LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY	REVIEWED BY: 	REVIEWED BY: 	REVIEWED BY: 	REVIEWED BY: 	AGUINALDO BUILDING (GROUND FLOOR SANITARY LAYOUT)	3654

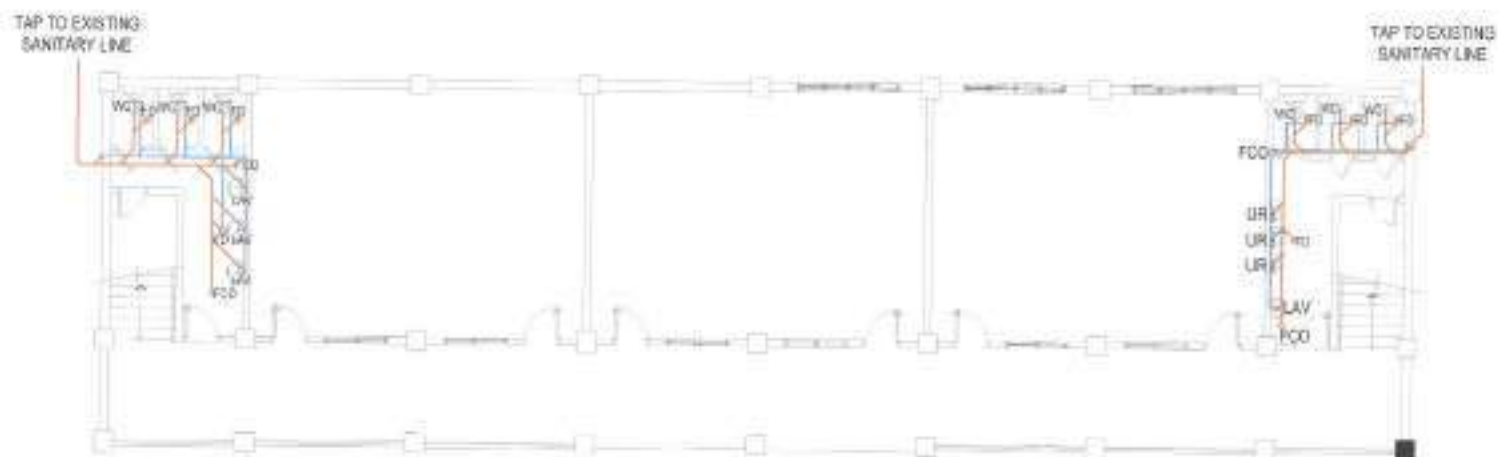


NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 MAGSAYSAY BUILDING (GROUND FLOOR WATERLINE LAYOUT)

SCALE : 1:125 METERS



NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 MAGSAYSAY BUILDING (GROUND FLOOR SANITARY LAYOUT)

SCALE : 1:125 METERS



Republic of the Philippines
Department of Engineering
San Antonio Elementary School
Barangay Katipunan, District 1, Quezon City

PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

SITE: Quezon City, 2020
DESIGNED BY:
CHECKED BY:
REVIEWED BY:

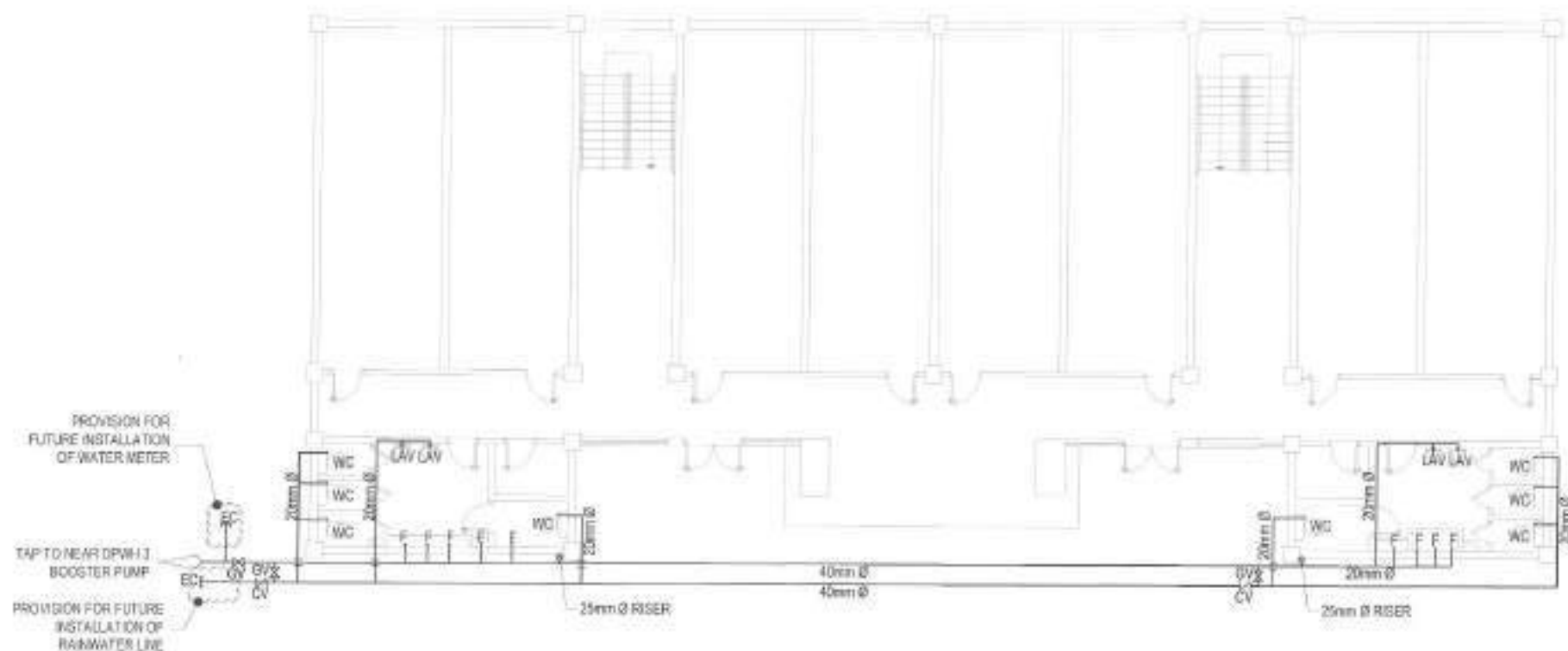
SUBMITTED BY:
ENGR. FREDSWIN O. DE GUZMAN
M.Sc. PLUMBING ENGINEER

RECOMMENDING APPROVAL:
ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY:
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT:
MAGSAYSAY (GROUND FLOOR
WATERLINE LAYOUT)
MAGSAYSAY (GROUND FLOOR
SANITARY LAYOUT)

SHEET NO.:
PL-11
37/54



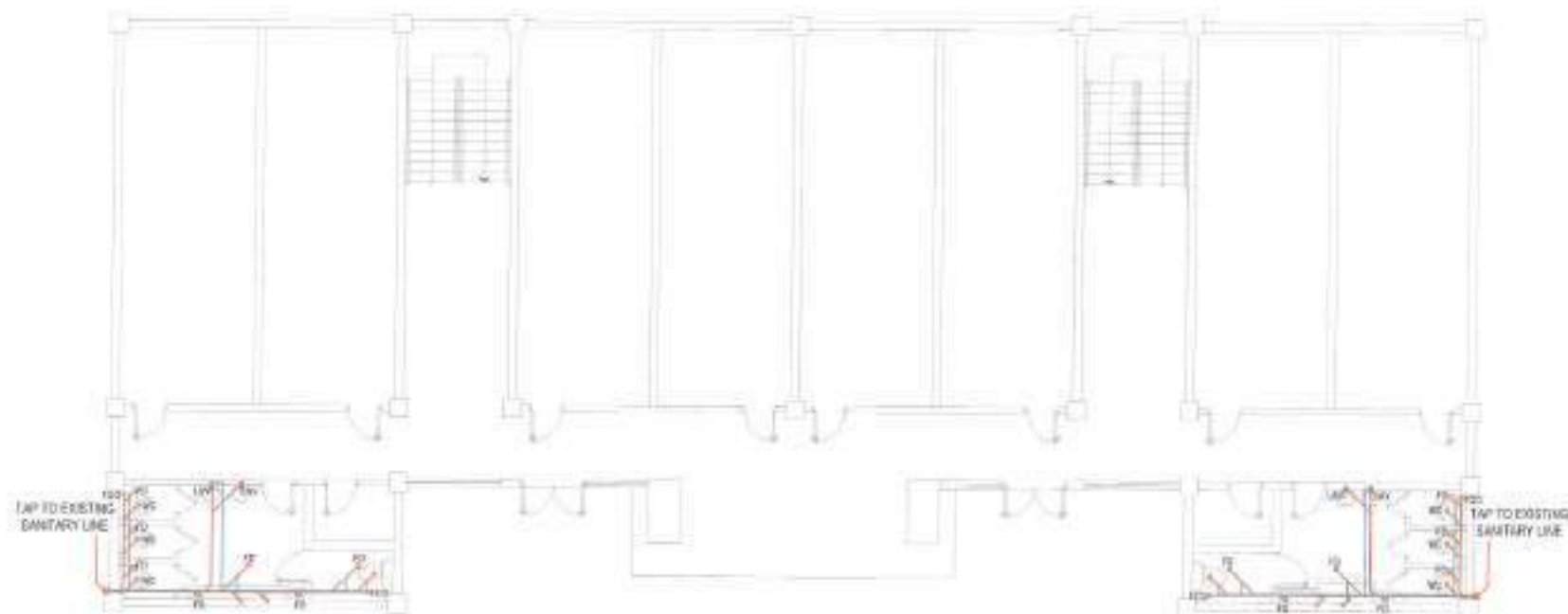
NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 | CARIÑO BUILDING (GROUND FLOOR WATERLINE LAYOUT)

SCALE: 1:125 METERS

 <p>Republic of the Philippines Department of Engineering Quezon City, Philippines Telephone: (02) 8866-0000 Fax: (02) 8866-0000</p>	PROJECT TITLE:	DATE: November 11, 2021	SUBMITTED BY:		RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN	DESIGNED BY: 	DRAWN BY: 	ENGR. FREDWIN D. DE GUZMAN RME, R.A. 9246, License No. 0000000000	ATTY. MARK DALE DIAMOND P. PERRAL OF THE BAR	HON. MA. JOSEFINA G. BELMONTE OF THE BAR	CARIÑO BUILDING GROUND FLOOR WATERLINE LAYOUT	
	LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY	REVISION NO.:						



NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 | CARIÑO BUILDING (GROUND FLOOR SANITARY LAYOUT)

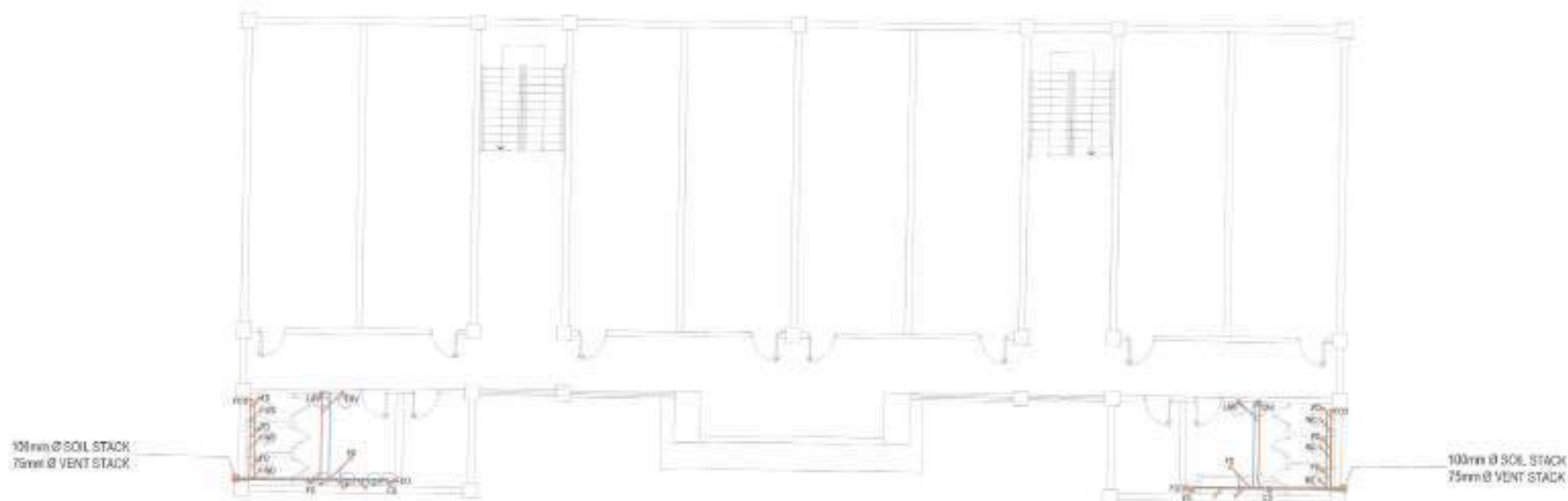
SCALE: 1:125 METERS

 <p>Republic of the Philippines Department of Engineering Sanitary Engineering Division Sanitary Engineering Section Sanitary Engineering Unit Sanitary Engineering Sub-Unit Sanitary Engineering Sub-Sub-Unit</p>	PROJECT TITLE:	DATE: December 11, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	<p>PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN</p> <p>LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY</p>	<p>DESIGNED BY: <i>[Signature]</i></p> <p>CHECKED BY: <i>[Signature]</i></p> <p>REVISION NO.:</p>	<p>ENGR. FREDERICKA D. DE GUZMAN</p> <p>MR. FREDERICKA D. DE GUZMAN</p>	<p>ATTY. MARK DALE DIAMOND P. PERRAL</p> <p>MR. MARK DALE DIAMOND P. PERRAL</p>	<p>HON. MA. JOSEFINA G. BELMONTE</p> <p>MR. MA. JOSEFINA G. BELMONTE</p>	<p>CARIÑO BUILDING (GROUND FLOOR SANITARY LAYOUT)</p>	<p>PL-13</p> <p>39/54</p>

- EXISTING PLUMBING FIXTURES TO BE REPLACED

SCALE: 1:125 METERS

 <p>Quezon City Department of Engineering Engineering Division Office 1000 P. O. Box 1000 Quezon City, Philippines Tel. (02) 8631-1000 Fax (02) 8631-1000 Email: engdiv@qcdeng.gov.ph</p>	PROJECT TITLE :	DATE : November 11, 2020	SUBMITTED BY:	RECOMMENDING APPROVAL :	APPROVED BY:	SHEET CONTENT	SHEET NO.
	<p>PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN</p> <p>LOCATION : BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY</p>	<p>DESIGNED BY: HONORABLE ENGINEER</p> <p>CHECKED BY: HONORABLE ENGINEER</p>	<p>ENGR. FREDISWINDA D. DE GUZMAN</p> <p>DATE: 11/11/2020</p>	<p>ATTY. MARK DALE DIAMOND P. PERRAL</p> <p>DATE: 11/11/2020</p>	<p>HON. MA. JOSEFINA G. BELMONTE</p> <p>DATE: 11/11/2020</p>	<p>CHIEF PLUMBING DIVISION (PLUMBING DIVISION)</p>	<p>PL-14 40/54</p>



NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 | CARINO BUILDING (SECOND FLOOR SANITARY LAYOUT)

SCALE: 1:125 METERS

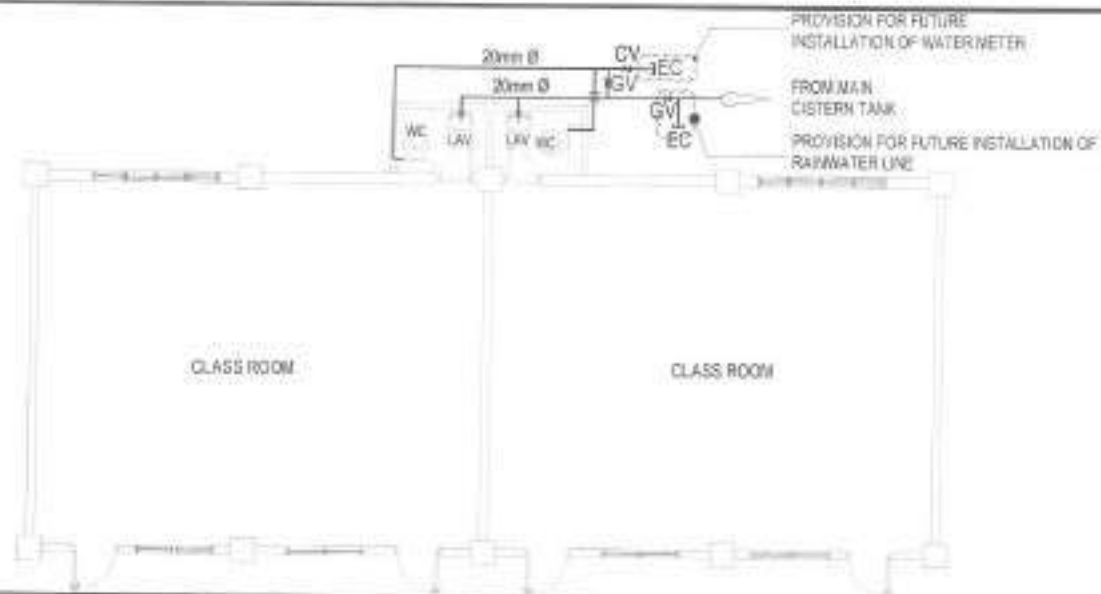
 <p>Republic of the Philippines Department of Engineering Quezon City</p>	PROJECT TITLE:	DATE: November 1, 2023	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	<p>PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL IN BARANGAY KATIPUNAN</p> <p>LOCATION: BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY</p>	<p>DESIGNED BY: MED ARMA G. GABRER</p> <p>DRAWN BY: [Signature]</p> <p>REVISION NO. 1</p>	<p>ENGR. FREDERICKA D. DE GUZMAN</p> <p>ENCL. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000</p>	<p>ATTY. MARK DAVID DIAMOND P. PERRAL</p>	<p>HON. MA. JOSEFINA G. BELMONTE</p>	<p>CARINO BUILDING SECOND FLOOR SANITARY LAYOUT</p>	<p>PL-15 4154</p>

NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 ANNE CURTIS BUILDING (GROUND FLOOR WATERLINE LAYOUT)

SCALE: 1:100 METERS

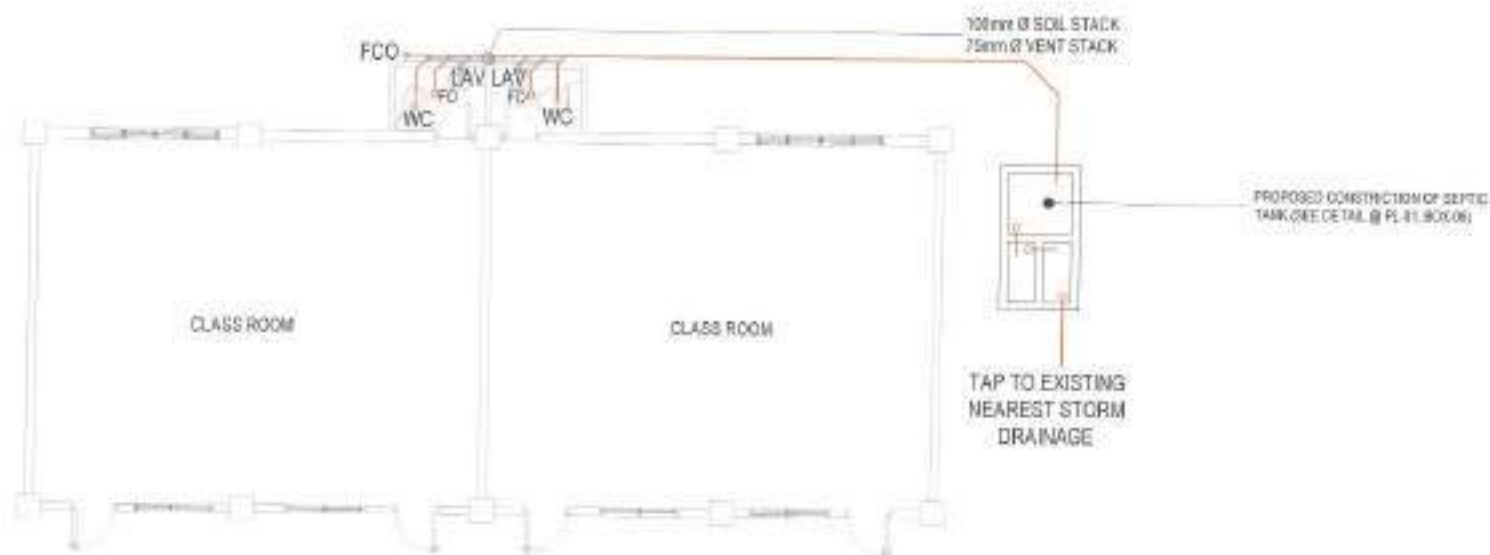


NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

2 ANNE CURTIS BUILDING (GROUND FLOOR SANITARY LAYOUT)

SCALE: 1:100 METERS



Republic of the Philippines
Department of Engineering
Office of the Engineer in Charge
1000 Quezon City
1000 Quezon City
1000 Quezon City

PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 2, 2023
DESIGNED BY:
DRAWN BY:
CHECKED BY:
REVIEWED BY:

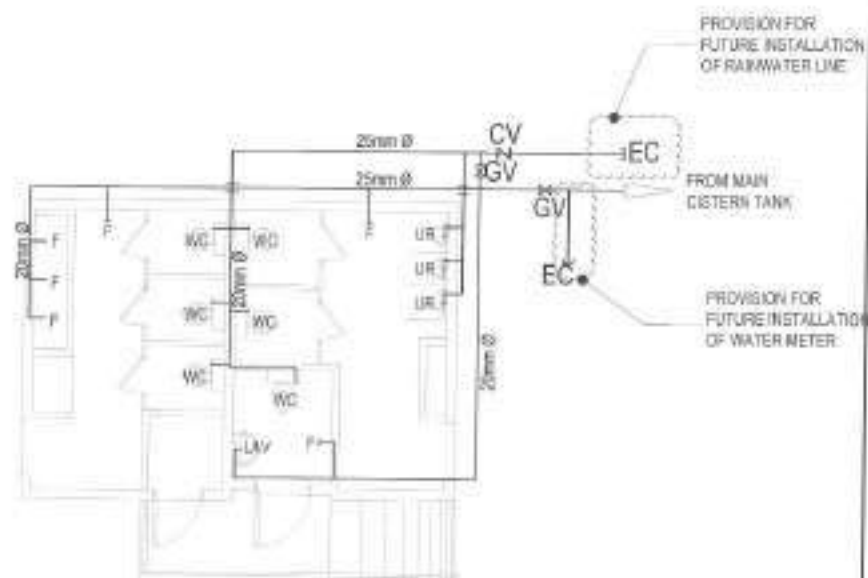
SUBMITTED BY:
ENGR. FREDISWEN D. DE GUZMAN
1000 Quezon City

RECOMMENDING APPROVAL:
ATTY. MARK DALE DIAMOND P. PERRAL
1000 Quezon City

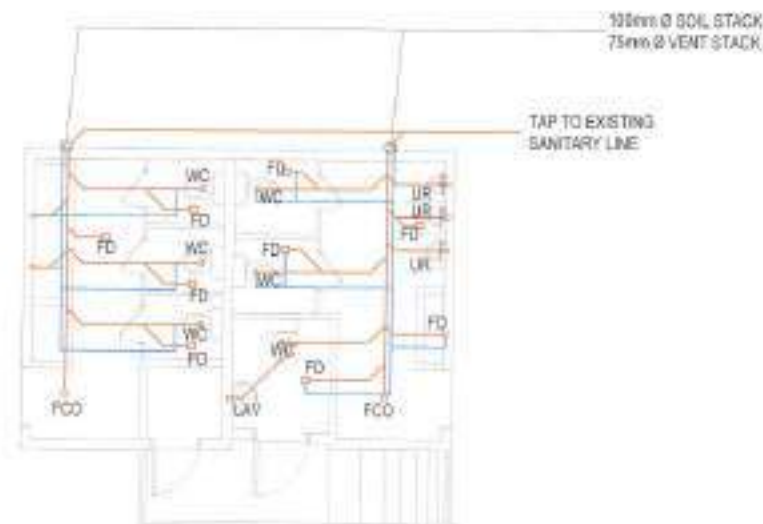
APPROVED BY:
HON. MA. JOSEFINA G. BELMONTE
1000 Quezon City

SHEET CONTENT:
ANNE CURTIS BUILDING
GROUND FLOOR
WATERLINE LAYOUT
AND SANITARY LAYOUT
GROUND FLOOR
SANITARY LAYOUT

SHEET NO.:
PL-16
4254



NOTE:
• EXISTING PLUMBING FIXTURES TO BE REPLACED



NOTE:
• EXISTING PLUMBING FIXTURES TO BE REPLACED

1 COMMON CR 1 (GROUND FLOOR WATERLINE LAYOUT)

SCALE: 1:80 METERS

2 COMMON CR 1 (GROUND FLOOR SANITARY LAYOUT)

SCALE: 1:80 METERS



Republic of the Philippines
Department of Engineering
Professional Engineering & Technical Education
San Antonio Elementary School
Barangay Katipunan, District 1, Quezon City

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2023

RECORD BY:
[Signature]

DESIGNED BY:
[Signature]

SUBMITTED BY:
[Signature]

ENGR. FREDIN VALA DE GUZMAN
HOD, PLUMBING & SANITARY

RECOMMENDING APPROVAL:
[Signature]

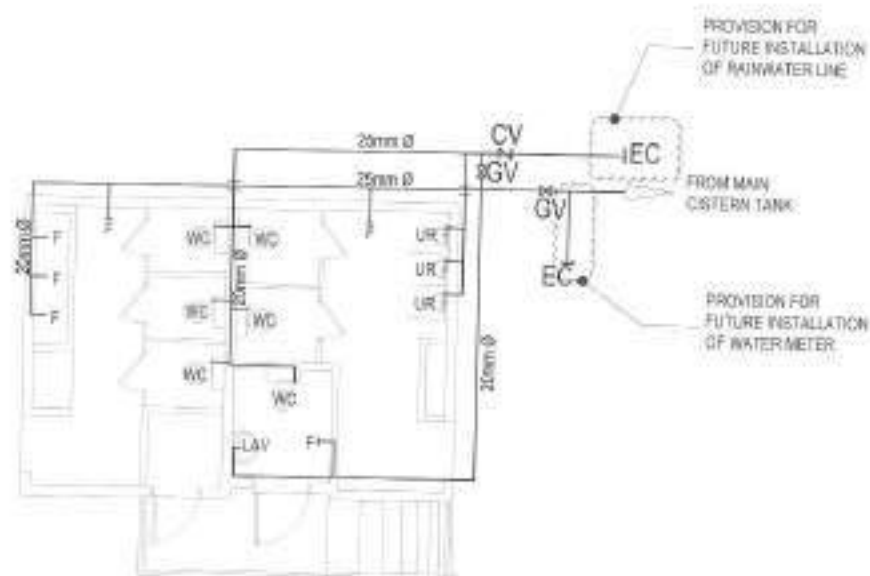
ATTY. MARK DAVID DIAMOND P. PERRAL
ATTORNEY

APPROVED BY:
[Signature]

HON. MA. JOSEFINA G. BELMONTE
SCHOOL PRINCIPAL

SHEET CONTENT:
COMMON CR 1 (GROUND
FLOOR WATERLINE
LAYOUT)
COMMON CR 1 (GROUND
FLOOR SANITARY LAYOUT)

SHEET NO.
**PL-17
43/54**

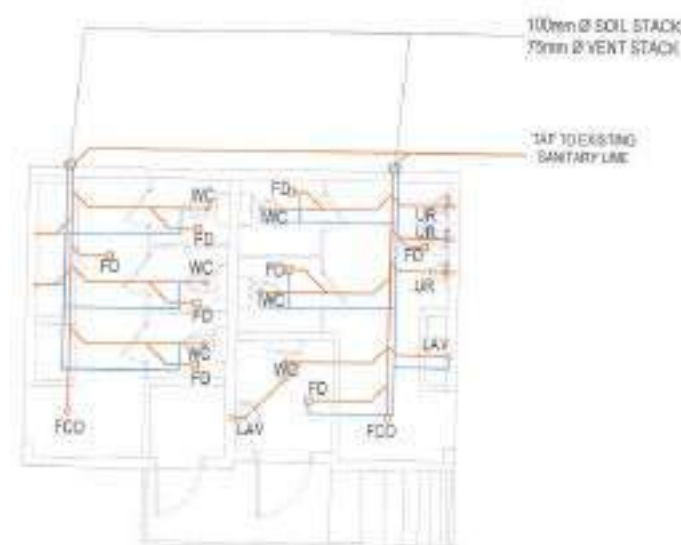


NOTE:

EXISTING PLUMBING FIXTURES TO BE REPLACED

1 COMMON CR 2 (GROUND FLOOR WATERLINE LAYOUT)

SCALE: 1:80 METERS



NOTE:

EXISTING PLUMBING FIXTURES TO BE REPLACED

2 COMMON CR 2 (GROUND FLOOR SANITARY LAYOUT)

SCALE: 1:80 METERS



Engineering Program
Licensed by the
DEPARTMENT OF ENGINEERING
Quezon City, Philippines
Division Office - Engineering
Quezon City, Philippines

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2019

DESIGNED BY:
MEDIANE REYES

DRAWN BY:
MEDIANE REYES

CHECKED BY:
MEDIANE REYES

SUBMITTED BY:

ENGR. FREDISWICKA D. DE GUZMAN
HEAD PLUMBER/ENGINEER

RECOMMENDING APPROVAL:

ATTY. MARK DALE DIAMOND P. PERRAL
COUNSELOR

APPROVED BY:

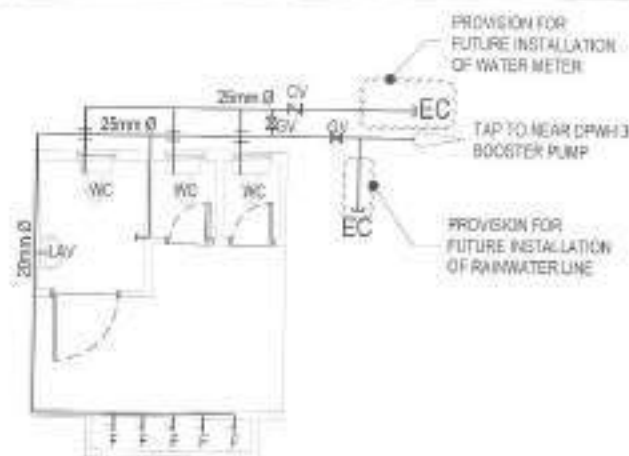
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT

COMMON CR 2 (GROUND
FLOOR WATERLINE
LAYOUT)
COMMON CR 2 (GROUND
FLOOR SANITARY LAYOUT)

SHEET NO.

PL-18
4454

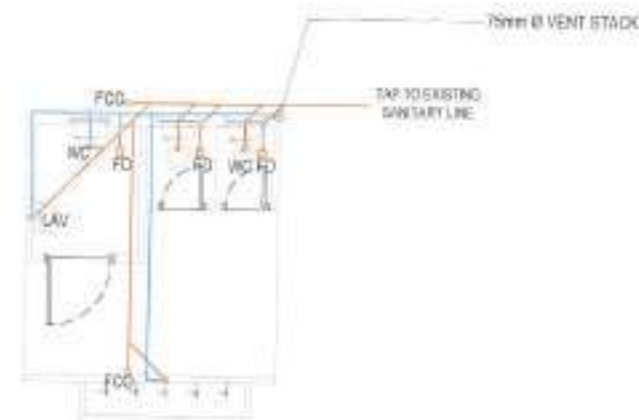


NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 COMMON CR 3 (GROUND FLOOR WATERLINE LAYOUT)

SCALE: 1:50 METERS

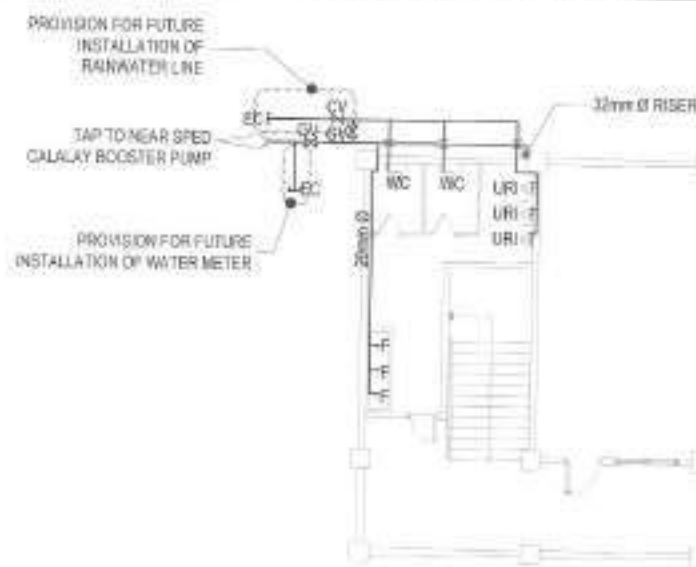


NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

2 COMMON CR 3 (GROUND FLOOR SANITARY LAYOUT)

SCALE: 1:50 METERS



NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

3 SPED CALALAY BUILDING (GROUND FLOOR WATERLINE LAYOUT)



Republic of the Philippines
Department of Engineering
Office of the Engineer in Charge
Office of the Engineer in Charge
Office of the Engineer in Charge

PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: January 1, 2023
DESIGNED BY:
CHECKED BY:
REVISIONS:
REVISIONS:

SUBMITTED BY:
ENGR. FREDISWINE B. DE GUZMAN
HEAD PLUMBING & DESIGN DIVISION

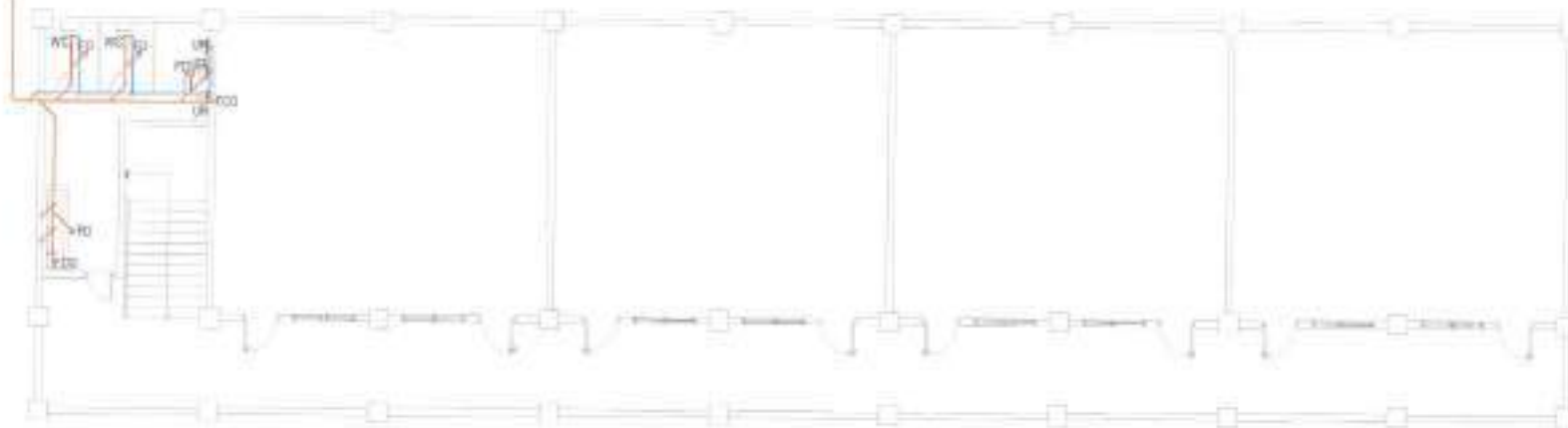
RECOMMENDING APPROVAL:
ATTY. MARK DALE DIAMOND P. FERRAL
CITY ENGINEER

APPROVED BY:
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER, BARANGAY

SHEET CONTENT:
COMMON CR 3 GROUND
FLOOR WATERLINE
LAYOUT
COMMON CR 3 GROUND
FLOOR SANITARY LAYOUT
SPED CALALAY BUILDING
GROUND FLOOR
WATERLINE LAYOUT

SHEET NO.
PL-19
4554

TAP TO EXISTING
SANITARY LINE

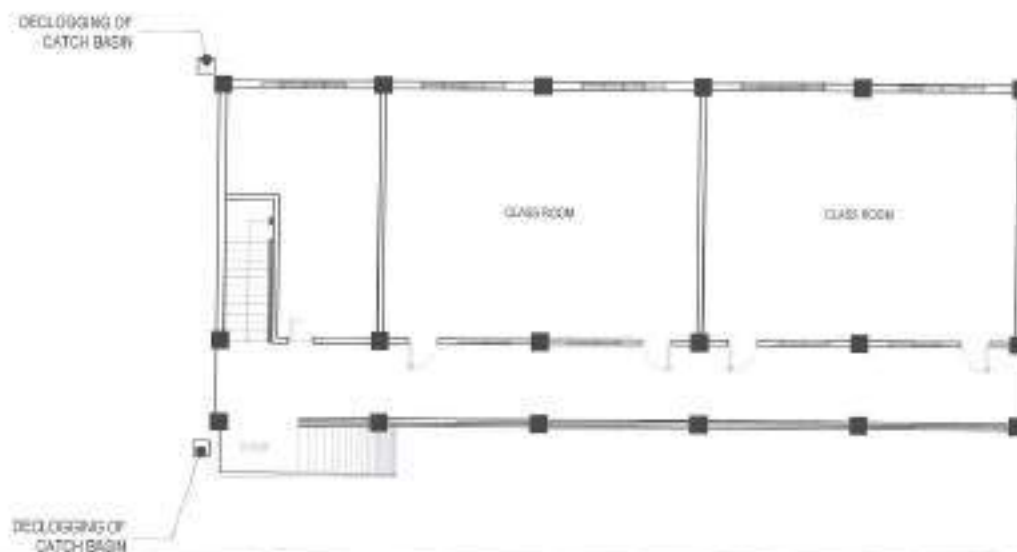


NOTE:

- EXISTING PLUMBING FIXTURES TO BE REPLACED

1 SPED CALALAY BUILDING (GROUND FLOOR SANITARY LAYOUT)

SCALE: 1:125 METERS



2 DPWH BUILDING 1 (GROUND FLOOR STORM DRAIN LAYOUT)

SCALE: 1:125 METERS



Republic of the Philippines
Department of Engineering
Office of the Director General
Office of the Director General
Office of the Director General
Office of the Director General

PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2021
DESIGNED BY:
MECHANICAL ENGINEER
CHECKED BY:
REVISION NO.:

SUBMITTED BY:
ENGR. FREDISWILDA D. DE GUZMAN
MECH. PLUMBING & ELECTRICAL

RECOMMENDING APPROVAL:
ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY:
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT
SPED CALALAY BUILDING
(GROUND FLOOR)
SANITARY (FLOOR)
DPWH BUILDING 1
(GROUND FLOOR)
STORM DRAIN LAYOUT

SHEET NO.
PL-20
4654

Accepted: 2003



Republic of Philippines
 Longosod to Queens
DEPARTMENT OF ENGINEERING
 1000 University Road, St. Mary's University, 1000 University Road
 St. Mary's University, 1000 University Road
 St. Mary's University, 1000 University Road
 St. Mary's University, 1000 University Road

DATE: November 11, 2020	
DESIGNED BY: ELECTRICAL ENGINEER	DRAWN BY:  CHECKED BY: 
REVISED BY: _____	

RECOMMENDING APPROVAL:

ATTY. MARK DALE DIAMOND P. PERRAL

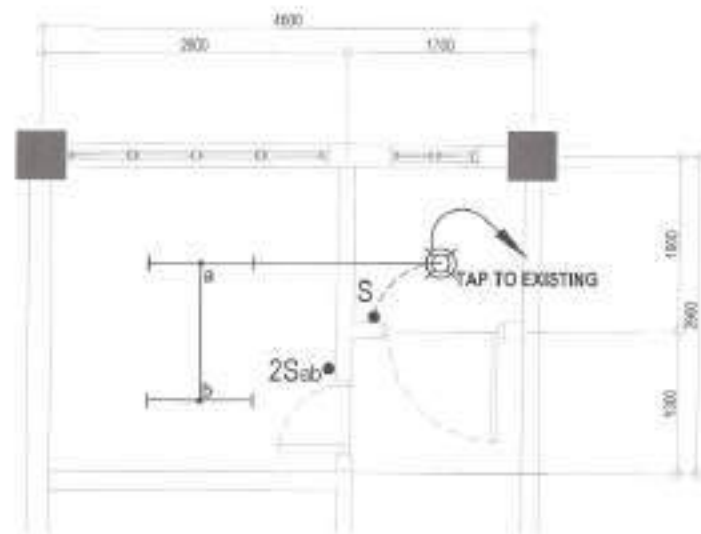
APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
CITY NAAS, SUZUKI CITY

SHEET CONTENT
WATER PUMP PUMP DETAIL

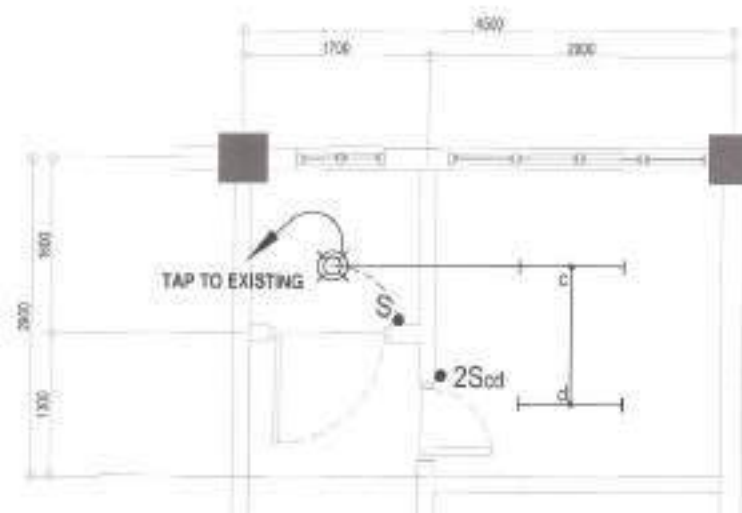
SHEET NO.

EL-02
4854



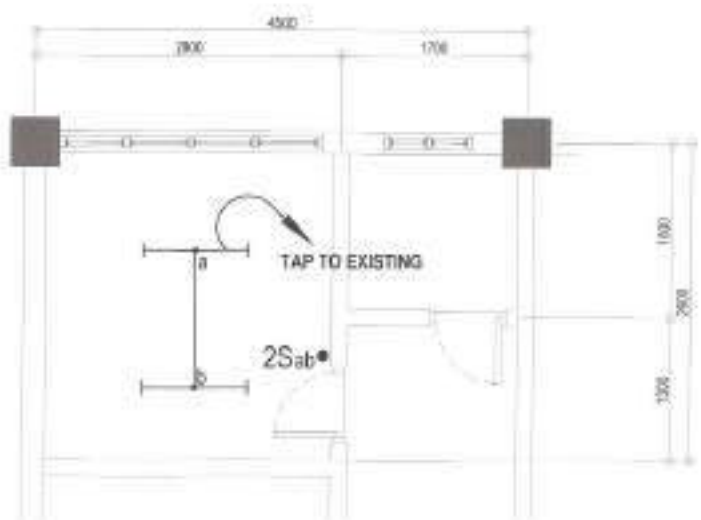
1 DPWH BUILDING 2 (GROUND FLOOR FEMALE LIGHTING LAYOUT)

SCALE : 1:50 METERS



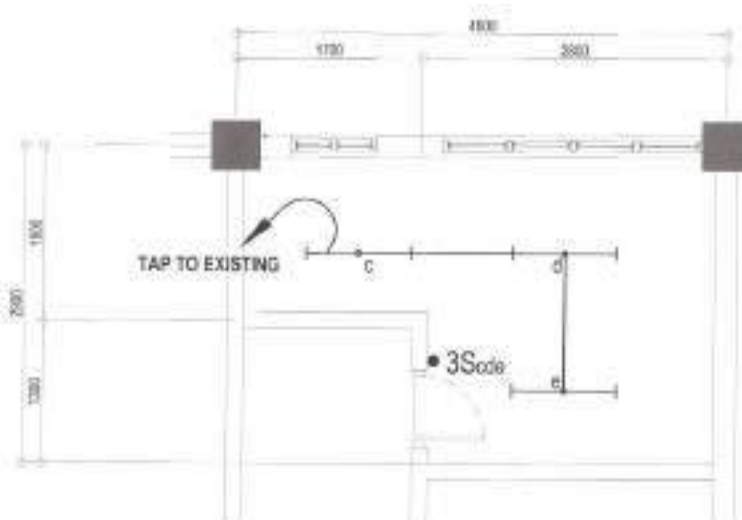
2 DPWH BUILDING 2 (GROUND FLOOR MALE LIGHTING LAYOUT)

SCALE : 1:50 METERS



3 DPWH BUILDING 2 (TYP. 2nd FLOOR TO 4th FLOOR FEMALE LIGHTING LAYOUT)

SCALE : 1:50 METERS



4 DPWH BUILDING 2 (TYP. 2nd FLOOR TO 4th FLOOR MALE LIGHTING LAYOUT)

SCALE : 1:125 METERS



Republic of the Philippines
Department of Engineering
Office of the Director, Department of Engineering
Room 401, 4th Floor, Department of Engineering
401, 4th Floor, Department of Engineering

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 15, 2023

DESIGNED BY:
ELECTRICAL ENGINEER

DESIGNED BY:
ELECTRICAL ENGINEER

REVISIONS:

SUBMITTED BY:

ENGR. FREDISWINDA OL DE GUZMAN
ENR. FREDISWINDA OL DE GUZMAN

RECOMMENDING APPROVAL:

ATTY. MARK DAVID DIAMOND P. PERRAL
ATTY. MARK DAVID DIAMOND P. PERRAL

APPROVED BY:

HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

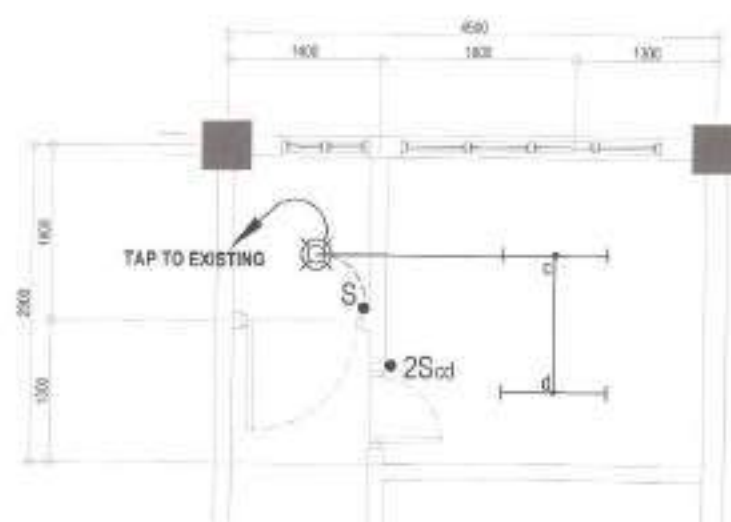
SHEET CONTENT

PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
DISTRICT 1, QUEZON CITY

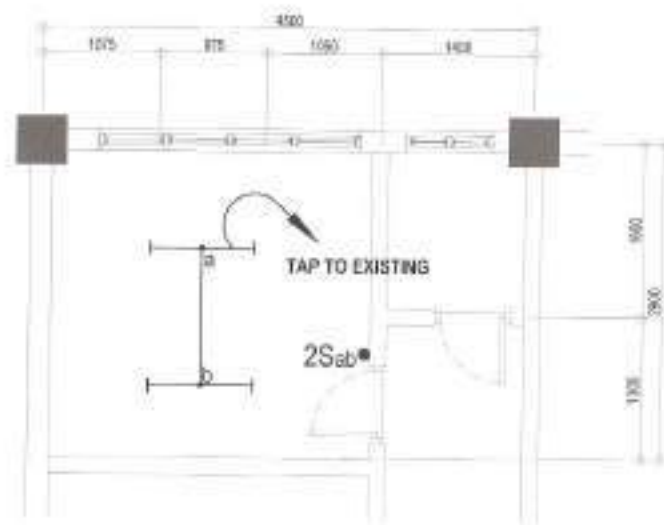
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EL-03
49/54

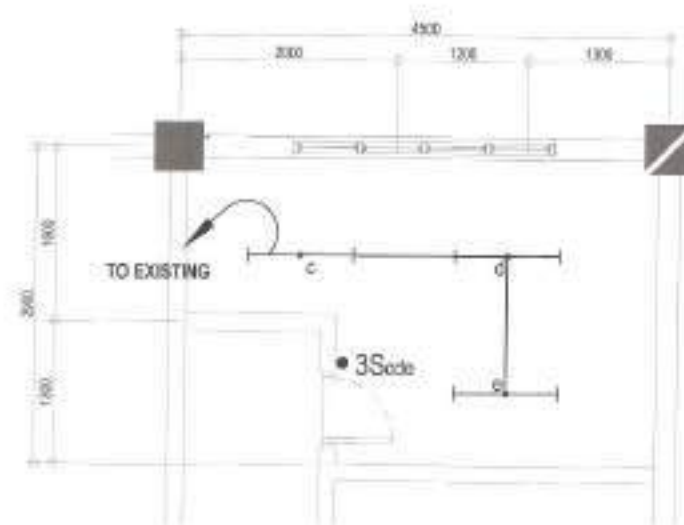
SCALE : 1:50 METERS



SCALE: 1:50 METERS



SCALE: 1:50 METERS



SCALE: 1:50 METERS



DEPARTMENT OF ENGINEERING

PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATULUNAN

ADDRESS:

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WED. 11/25/1998

[illegible]

CITY CENTER

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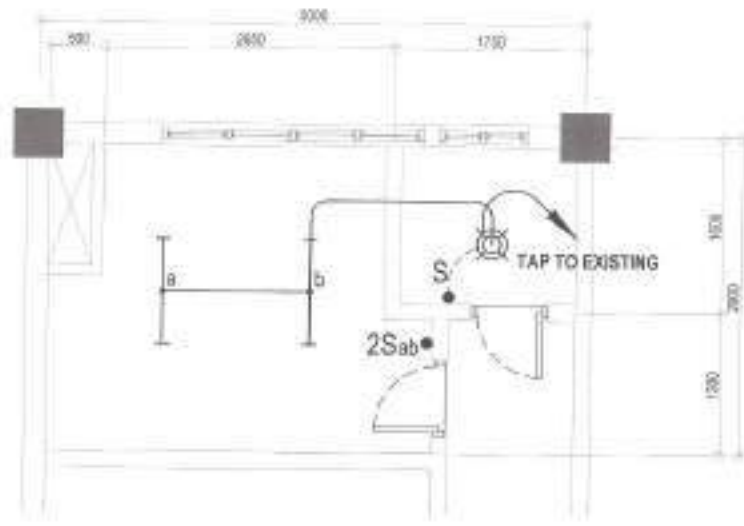
CITY AND COUNTY OF LOS ANGELES

SPRINGER-VERLAG GERMANY
FRIEDRICH MAYER, KATZ-FRANK L.A.
SPRINGER-VERLAG GERMANY
KATZ-FRANK L.A.

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Journal of Internal Medicine 258: 105–112

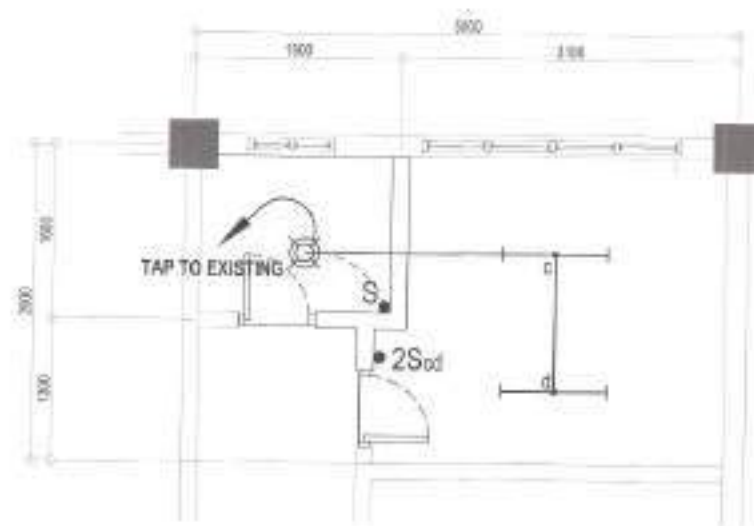
EL M

3034



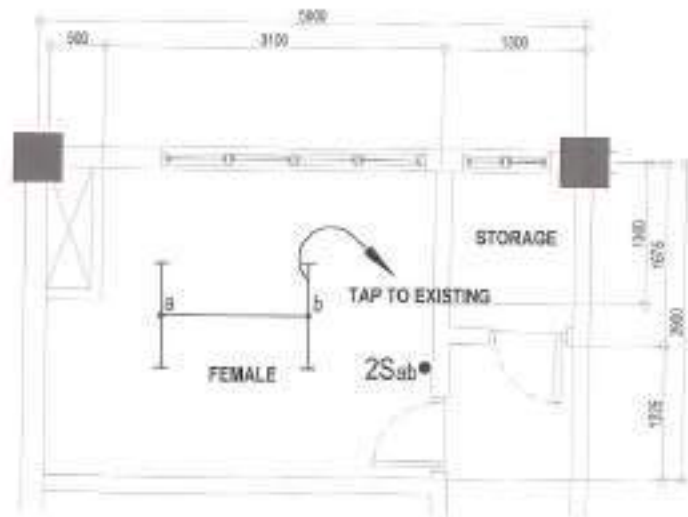
1 DPWH BUILDING 4 (GROUND FLOOR FEMALE LIGHTING LAYOUT)

SCALE : 1:50 METERS



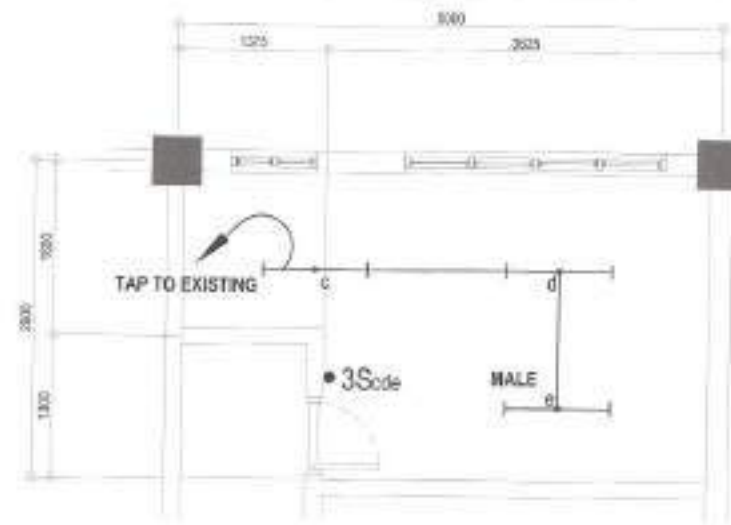
2 DPWH BUILDING 4 (GROUND FLOOR MALE LIGHTING LAYOUT)

SCALE : 1:50 METERS



3 TYP. 2nd FLOOR TO 4th FLOOR FEMALE LIGHTING LAYOUT(DPWH 4 BUILDING)

SCALE : 1:50 METERS



4 DPWH BUILDING 4 (TYP. 2nd FLOOR TO 4th FLOOR MALE LIGHTING LAYOUT)

SCALE : 1:50 METERS



PROJECT TITLE:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

SITE: Number 11, 200
DESIGNED BY:
ELECTRICAL ENGINEER
REVIEWED BY:

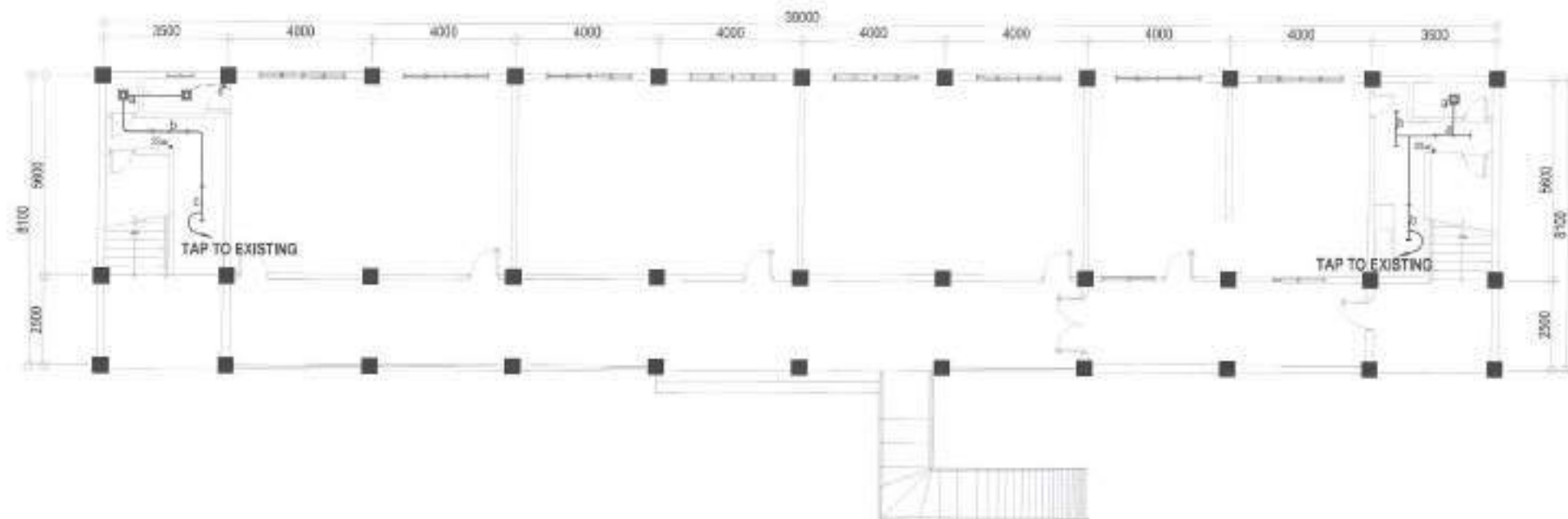
SUBMITTED BY:
ENGR. FREDERICKA DI. DE GUZMAN
M.Sc. in Electrical Engineering

RECOMMENDING APPROVAL:
ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY:
HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

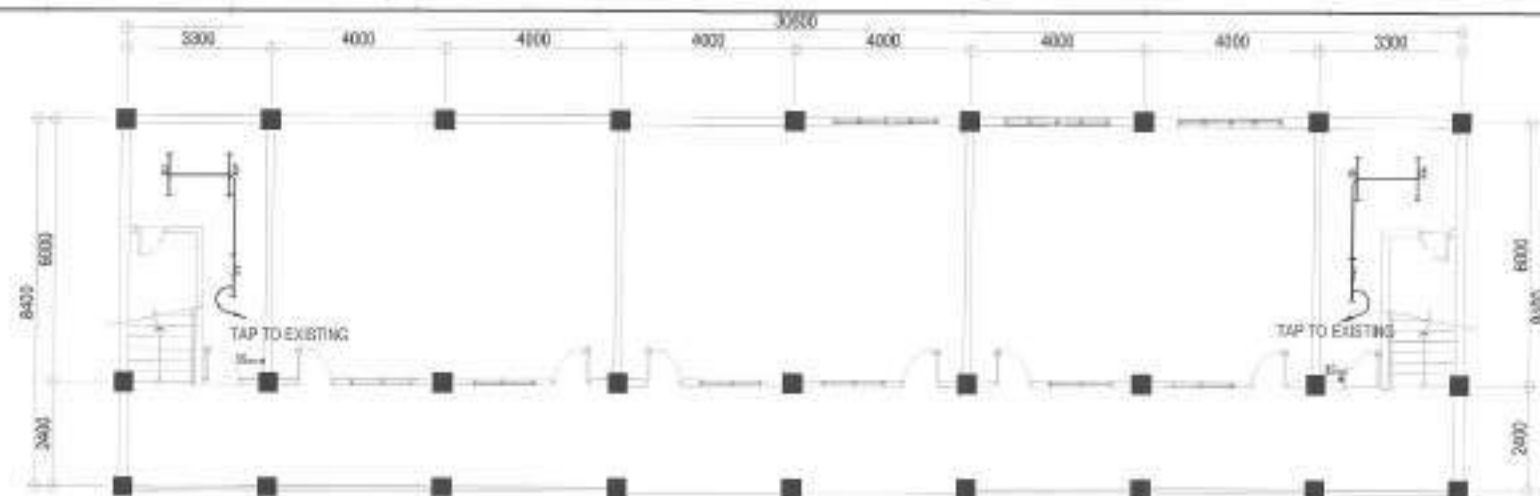
SHEET CONTENT:
PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN
DISTRICT 1, QUEZON CITY

SHEET NO.
EL-05
5154



1 MAGSAYSAY BUILDING (GROUND FLOOR LIGHTING LAYOUT)

SCALE: 1:125 METERS



2 AGUINALDO BUILDING (GROUND FLOOR LIGHTING LAYOUT)

SCALE: 1:125 METERS



Republic of the Philippines
Department of Engineering
Quezon City
Office: 1100 Quezon City
Tel: (02) 1194-420
E-mail: engineering@quezoncity.gov.ph

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2020

DESIGNED BY:
ELECTRICAL ENGINEERDRAWN BY:
CIVIL ENGINEER

REVISION NO.:

SUBMITTED BY:

ENGR. FREDISWILDA D. DE GUZMAN
HEAD, PLUMBING DIVISION

RECOMMENDING APPROVAL:

ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY:

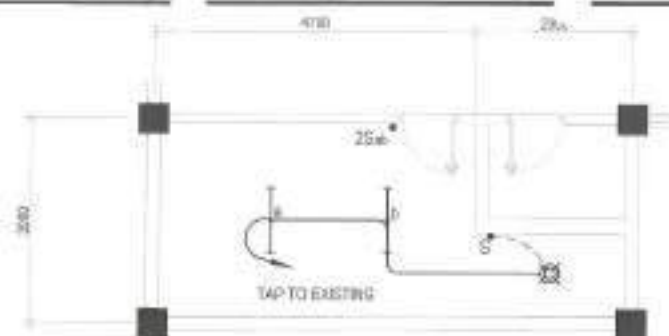
HON. MA. JOSEFINA G. BELMONTE
CITY MAYOR, QUEZON CITY

SHEET CONTENT

MAGSAYSAY BUILDING
(GROUND FLOOR
LIGHTING LAYOUT)
AGUINALDO BUILDING
(GROUND FLOOR
LIGHTING LAYOUT)

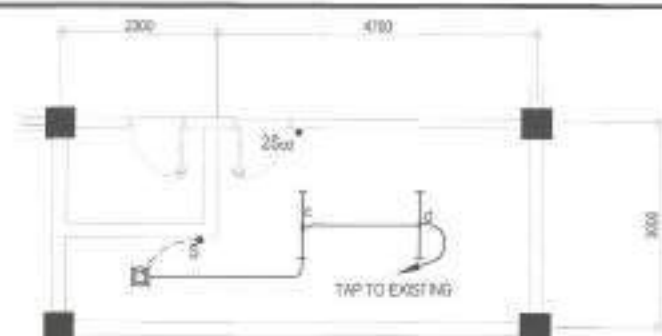
SHEET NO.

EL-06
5254



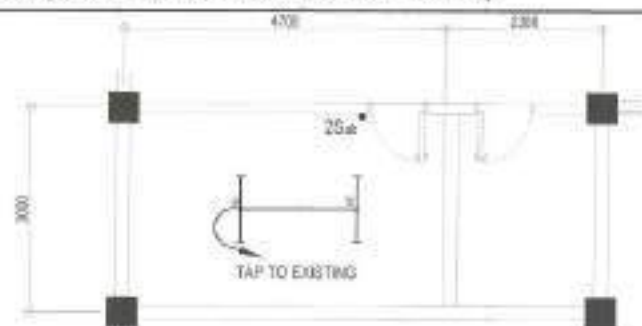
1 CARINO BUILDING (GROUND FLOOR FEMALE LIGHTING LAYOUT)

SCALE : 1:80 METERS



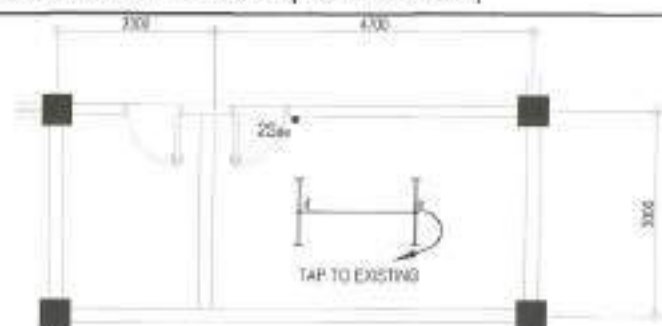
2 GROUND FLOOR MALE LIGHTING LAYOUT (CARINO BUILDING)

SCALE : 1:1,125 METERS



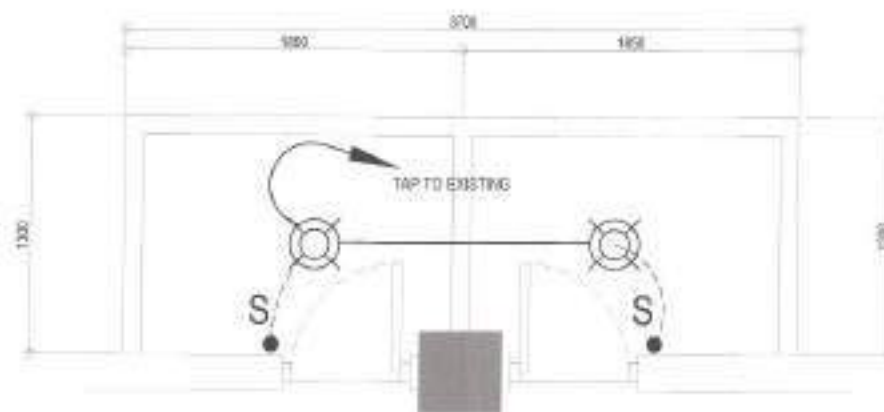
3 CARINO BUILDING (SECOND FLOOR FEMALE LIGHTING LAYOUT)

SCALE : 1:80 METERS



4 CARINO BUILDING (SECOND FLOOR MALE LIGHTING LAYOUT)

SCALE : 1:80 METERS



5 ANNE CURTIS BUILDING (GROUND FLOOR LIGHTING LAYOUT)

SCALE : 1:30 METERS



Republic of the Philippines
University of the Philippines
DEPARTMENT OF ENGINEERING
401 TROPEA DRIVE, TROPEA, QUEZON CITY
TEL: (02) 8634-1000
WWW.UPLD.EDU

PROJECT TITLE:
**PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN**

LOCATION:
BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

DATE: November 11, 2023

DESIGNED BY:
ELECTRICAL ENGINEER

REVISIONS:

DRAWN BY:
ENGINEER

SUBMITTED BY:
ENGR. FREDSWIN M. DE GUZMAN
HEAD, PLUMBING & PIPING DIVISION

RECOMMENDING APPROVAL:
ATTY. MARK DALE DIAMOND P. PERRAL
CITY ENGINEER

APPROVED BY:
HON. MA. JOSEFINA G. BELMONTE
CITY ENGINEER

SHEET CONTENT:
GROUND FLOOR LIGHTING LAYOUT
FOR SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN,
DISTRICT 1, QUEZON CITY

SHEET NO.
**EL-07
53/54**

SCALE : 1:80
METERS



SCALE 100
METERS



SCALE: 1:50
METERS



SCALE - 1:100 METERS



Department of Engineering
University of Cambridge
Engineering Department
Trumpington Road, Cambridge CB2 3PQ, UK
Tel: +44 (0)1223 334374
Fax: +44 (0)1223 334375
Email: engineering@cam.ac.uk

PROPOSED UPGRADING OF PLUMBING
SYSTEM AND REHABILITATION OF COMFORT
ROOMS AT SAN ANTONIO ELEMENTARY
SCHOOL IN BARANGAY KATIPUNAN

DESIGNED BY:
ELECTRICAL ENGINEER

5

ENGR. FRED SWANER BL DE

5

ATTY. MARK DALE DIAMOND P. PERRAL

ATTY. MARK DALE DIAMOND P. PERRAL

ATTY. MARK DALE DIAMOND P. PERRAL

HON. MA. JOSEFINA G. BELMONTE

HON. MA. JOSEFINA G. BELMONTE

HON. MA. JOSEFINA G. BELMONTE

GROUND FLOOR LIGHTS
LIFTOUT JOCKHEAD ON
GROUND FLOOR LIGHTS
LIFTOUT JOCKHEAD ON
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GROUND FLOOR LIGHTS
LIFTOUT JOCKHEAD ON
GROUND FLOOR LIGHTS

EL-08
5454

Section VIII. Bill of Quantities

Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

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

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

Daywork Schedule

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

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

Provisional Sums

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

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

Signature Box

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

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

PROJECT TITLE : PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL

LOCATION : BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

PROJECT NO. : 23 - 00198

DURATION : One Hundred Fifty (150) Calendar Days

BREAKDOWN OF COST

ITEM NO.	DESCRIPTION	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
			%	VALUE			
PART I	OTHER GENERAL REQUIREMENTS						
PART II	REHABILITATION OF COMFORT ROOMS						
PART II A	REMOVAL WORKS						
PART II B	EARHTWORKS						
PART II C	CIVIL WORKS						
PART II D	FINISHING AND OTHER CIVIL WORKS						
PART II E	PLUMBING/SANITARY WORKS						
PART II F	ELECTRICAL WORKS						
	TOTAL OF PART II						
TOTAL							

TOTAL COST ₱ _____

LUMP SUM BID IN WORDS : _____

Contractor : _____

BILL OF QUANTITIES
(Building Construction/Rehabilitation Project)

PROJECT TITLE : PROPOSED UPGRADING OF PLUMBING SYSTEM AND REHABILITATION OF COMFORT ROOMS AT SAN ANTONIO ELEMENTARY SCHOOL

LOCATION : BARANGAY KATIPUNAN, DISTRICT 1, QUEZON CITY

PROJECT NO. : 23 - 00198

DURATION : One Hundred Fifty (150) Calendar Days

ITEM CODE	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UP IN %		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
PART I	OTHER GENERAL REQUIREMENTS											
B.5	Project Billboard / Sign Board	1	ea									
B.7(1)	Occupational Safety and Health	5	mo									
	TOTAL OF PART I											
PART II	REHABILITATION OF COMFORT ROOMS											
PART II A	REMOVAL WORKS											
800(1)	Clearing and Grubbing	517	m²									
801(1)	Removal of Actual Structure/Obstruction (Tiles,	2,854	m²									
801(6)	Removal of Actual Structure/Obstruction	57	m³									
	TOTAL OF PART II A											
PART II B	EARHTWORKS											
803(1)a	Structure Excavation (Common Soil)	47	m³									
	TOTAL OF PART II B											
PART II C	CIVIL WORKS											
903(2)b	Formworks and Falseworks (Scaffolding)	469	m²									
1111 (a)	Concrete Pad (with Grade 60 RSB)	7	m²									
1111 (b)	Concrete Pad (with Grade 40 RSB)	4	m²									
	TOTAL OF PART II C											
PART II D	FINISHING AND OTHER CIVIL WORKS											
D.1 Moisture Protection												
628(1)b	Membrane Type Waterproofing	57	m²									
1016(1)b	Waterproofing, Liquid	534	m²									
D.2 Masonry Works												
1021(3)a	Floor Topping, Plain	591	m²									

ITEM CODE	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UP IN %		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
D.3 Fabricated Materials and Hardwares												
1047 (1)	Structural Steel	1	l.s.									
1003(1)a1(2)	Ceiling, 6mm, Metal Frame, Fibercement	646	m²									
1002(15)	Countertop	71	l..m									
1044(2)	Comfort Room Partition (Urinal)	44	set									
1010(2)a	Doors, Swing Type Flush Hollow Core Door	158	m²									
1004 (2)	Finishing Hardware	1	set									
D.4 Finishing Works												
1018(1)	Glazed Tiles and Trims	1,482	m²									
1018(2)	Unglazed Tiles	534	m²									
1032(1)a	Painting Works, Masonry/Concrete	902	m²									
1032(1)b	Painting Works, Wood	611	m²									
1032(1)c	Painting Works, Steel	105	m²									
D.6 Roofing Works												
1014(1)b2	Prepainted Metal Sheets, above 0.427mm,	164	m²									
1038(1)	Reflective Insulation	158	m²									
1013(2)a1	Fabricated Metal Roofing Accessory,	49	m									
1013(2)a2	Fabricated Metal Roofing Accessory,	41	m									
	TOTAL OF PART II D											
PART II E	PLUMBING/SANITARY WORKS											
1001 (8)	Sewer Line Works	1	l.s.									
1001 (11)	Septic Tank	1	l.s.									
1001 (17)	Sanitary Fixtures	1	l.s.									
1002(4)	Plumbing Fixtures	1	l.s.									
1002 (24)	Cold Water Line	1	l.s.									
1002 (26)	Cistern Tank	1	l.s.									
1201	Water Pumping System	1	l.s.									
1201 (12)	Valve and Pipe Fittings	1	l.s.									
	TOTAL OF PART II E											
PART II F	ELECTRICAL WORKS											
1100 (10)	Conduits, Boxes and Fittings (Conduit	1	l.s.									
1101 (33)	Wires and Wiring Devices	1	l.s.									
1102 (1)	Panelboard with Main and Branch	1	l.s.									
1103 (1)	Lighting Fixtures and Lamps	1	l.s.									
	TOTAL OF PART II F											
	TOTAL OF PART II											
	GRAND TOTAL											

Section IX. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

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

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

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

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
and
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and
- ☐ (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- ☐ (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- ☐ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (*please see attached prescribed forms required by the QC – BAC for Infrastructure and Consultancy*); **and**
- ☐ (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules with an attached Notice of Award, Notice to Proceed, Contract and Certificate of Acceptance (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*); **and**
- ☐ (h) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- ☐ (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (j) Project Requirements, which shall include the following:
 - ☐ a. Organizational chart for the contract to be bid;
 - ☐ b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*);
 - ☐ c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment

lessor/vendor for the duration of the project, as the case may be (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*); **and**

- ☐ (k) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Additional Technical Requirements:

- ☐ • Certificate of Site Inspection or Affidavit of Site Inspection as part of Omnibus Sworn Statement
- ☐ • Affidavit of Undertaking for Key Personnel and Equipment (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*)
- ☐ • Equipment Utilization Schedule
- ☐ • Manpower Schedule
- ☐ • Construction Schedule and S-Curve
- ☐ • PERT-CMP
- ☐ • Construction Methods

Financial Documents

- ☐ (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (*please see attached prescribed form required by the QC – BAC for Infrastructure and Consultancy*).

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

- ☐ (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (q) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- ☐ (r) Cash Flow by Quarter.

Bid Form for the Procurement of Infrastructure Projects
[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : _____

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

¹ currently based on GPPB Resolution No. 09-2020

- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

BID SECURING DECLARATION **Project Identification No.: [Insert number]**

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project

Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**
11. We pledge that the project will be completed in accordance and congruency with the approved plans and programs.

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of _____ 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the "Entity") and *[name and address of Contractor]* (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called "the Works") and the Entity has accepted the Bid for *[contract price in words and figures in specified currency]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, viz.:

- a. Philippine Bidding Documents (PBDs);
 - i. Drawings/Plans;
 - ii. Specifications;
 - iii. Bill of Quantities;
 - iv. General and Special Conditions of Contract;
 - v. Supplemental or Bid Bulletins, if any;
- b. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- c. Performance Security;
 - d. Notice of Award of Contract and the Bidder's conforme thereto; and
 - e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.

4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

[Insert Name and Signature] [Insert Name and Signature]

[Insert Signatory's Legal Capacity] [Insert Signatory's Legal Capacity]

for: for:

[Insert Procuring Entity] [Insert Name of Supplier]

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]

SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO BE BID

NAME OF CONTRACTOR: _____

PROJECT TITLE: _____

PROJECT TITLE (Name of the Contract) & EXACT PROJECT LOCATION	DATE OF CONTRACT	CONTRACT DURATION	PROJECT OWNER & POSTAL ADDRESS	NATURE OF WORK	CONTRACTOR'S ROLE (SOLE CONTRACTOR, SUBCONTRACTOR, PARTNER IN A JV) and PERCENTAGE OF PARTICIPATION	TOTAL CONTRACT VALUE AT AWARD	DATE OF COMPLETION or ESTIMATED COMPLETION TIME	TOTAL CONTRACT VALUE AT COMPLETION IF APPLICABLE

PHOTOCOPY ADDITIONAL FORMS, IF NECESSARY

Page _____ of _____

LIST OF MAJOR EQUIPMENT TO BE USED FOR THE PROJECT

NAME OF CONTRACTOR: _____

PROJECT TITLE: _____

TYPE	DESCRIPTION / CAPACITY	SERIAL NO.	YEAR ACQUIRED	PRESENT LOCATION (SPECIFIC ADDRESS)	STATUS OF AVAILABILITY (OWNED/LEASED)

A. LIST OF KEY CONSTRUCTION PERSONNEL TO BE ASSIGNED TO THE PROJECT

NAME OF CONTRACTOR: _____

PROJECT TITLE: _____

NAME	POSITION	AGE	EDUCATIONAL ATTAINMENT	TYPE OF CONSTRUCTION EXPERIENCE	NO.OF YEARS WITH THE CONTRACTOR	PROFESSION	PRC NO.

COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY (NFCC)

NAME OF BIDDER: _____

CURRENT ASSETS*		PHP	_____
(LESS) CURRENT LIABILITIES*	(LESS)	PHP	_____
NETWORTH		PHP	_____
NETWORTH x 15	x 15	PHP	_____
(LESS) VALUE OF ALL OUTSTANDING ON-GOING CONTRACTS**	(LESS)	PHP	_____
(LESS) VALUE OF ALL AWARDED BUT NOT YET STARTED CONTRACTS AS OF DATE**	(LESS)	PHP	_____
NET FINANCIAL CONTRACTING CAPACITY		PHP	_____

NOTES: * CURRENT ASSETS AND LIABILITIES BASED ON AUDITED FINANCIAL STATEMENT FOR THE PRECEDING CALENDAR YEAR SUBMITTED TO B.I.R.

 ** BASED ON LIST OF ON-GOING AND AWRDED BUT NOT YET STARTED CONTRACTS SUBMITTED

REPUBLIC OF THE PHILIPPINES)

_____) S.S.

AFFIDAVIT OF UNDERTAKING

I, _____ of legal age, Filipino, _____ [OFFICER OR REPRESENTATIVE]

with office address at _____ after having been duly sworn to in accordance with law, hereby voluntary depose and state:

That I am duly authorized representative of the [Name of Bidder] to execute this undertaking as evidenced by Secretary's Certificate and Board Resolution.

That [Name of Bidder] bidding for the (Name of Project)

That relative to the aforementioned Project, the [Name of Bidder] hereby undertake that the equipment to be use and the key personnel to be assign shall exclusively be used and will only perform to the said project until its completion.

That I am executing this affidavit to attest to the truth of the foregoing and in compliance with the submission of the technical requirements for the public bidding of the said project.

IN WITNESS HEREOF, I have hereunto signed my name below this _____ day of _____ at _____.

AFFIANT FURTHER SAYETH NAUGHT.

Affiant

SUBSCRIBED AND SWORN TO BEFORE ME this _____ day of _____
in _____

affiant exhibiting to me his/her _____ issued at _____
on _____

Doc. No. ;
Page No. ;
Book No. ;
Series of 2020

Notary Public

