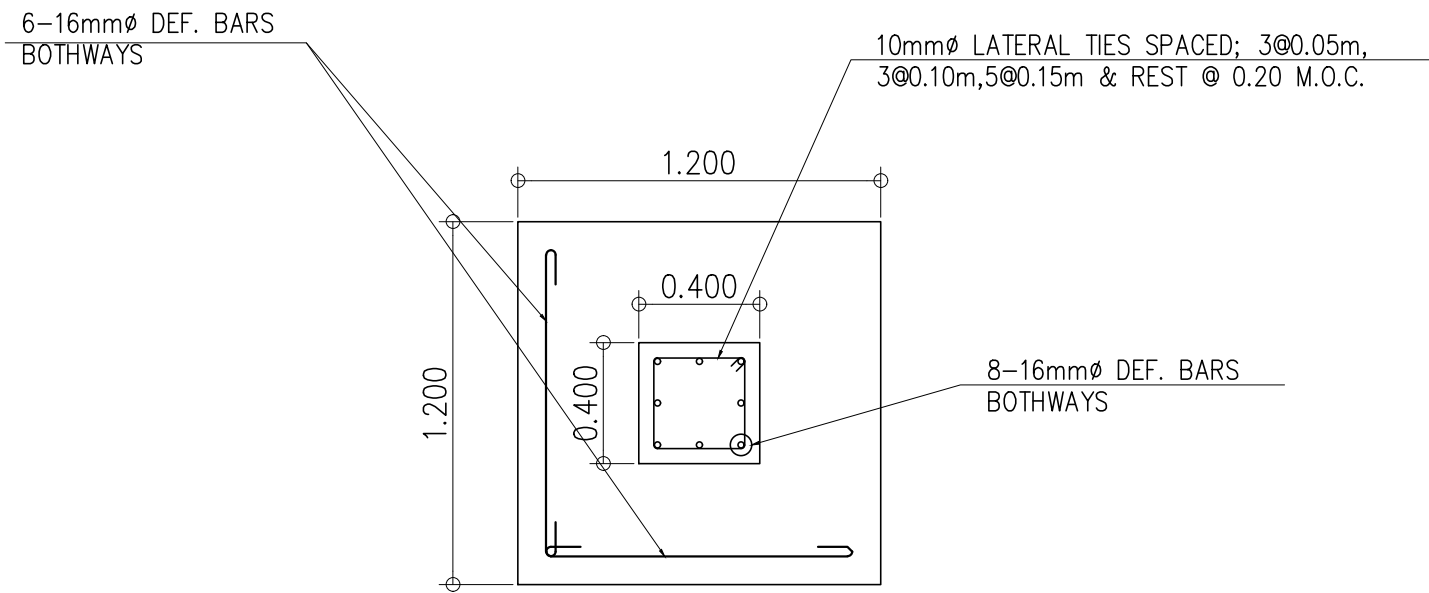
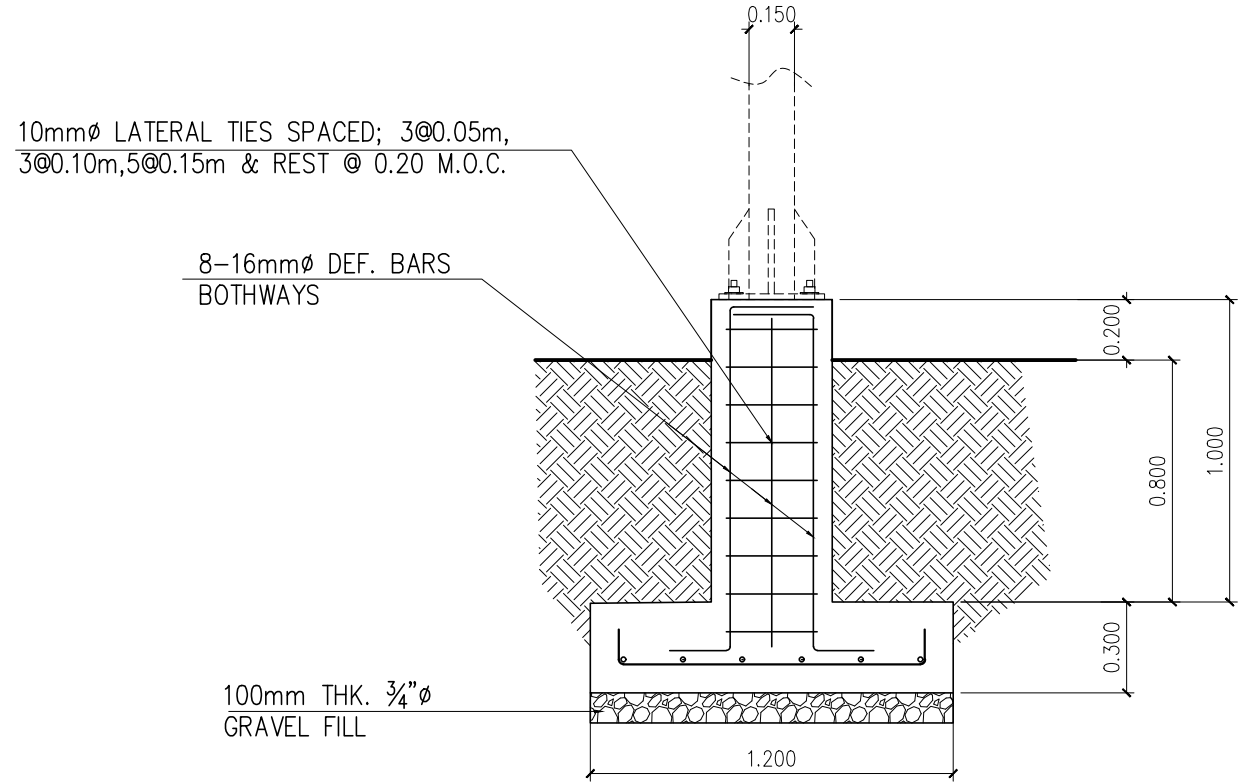




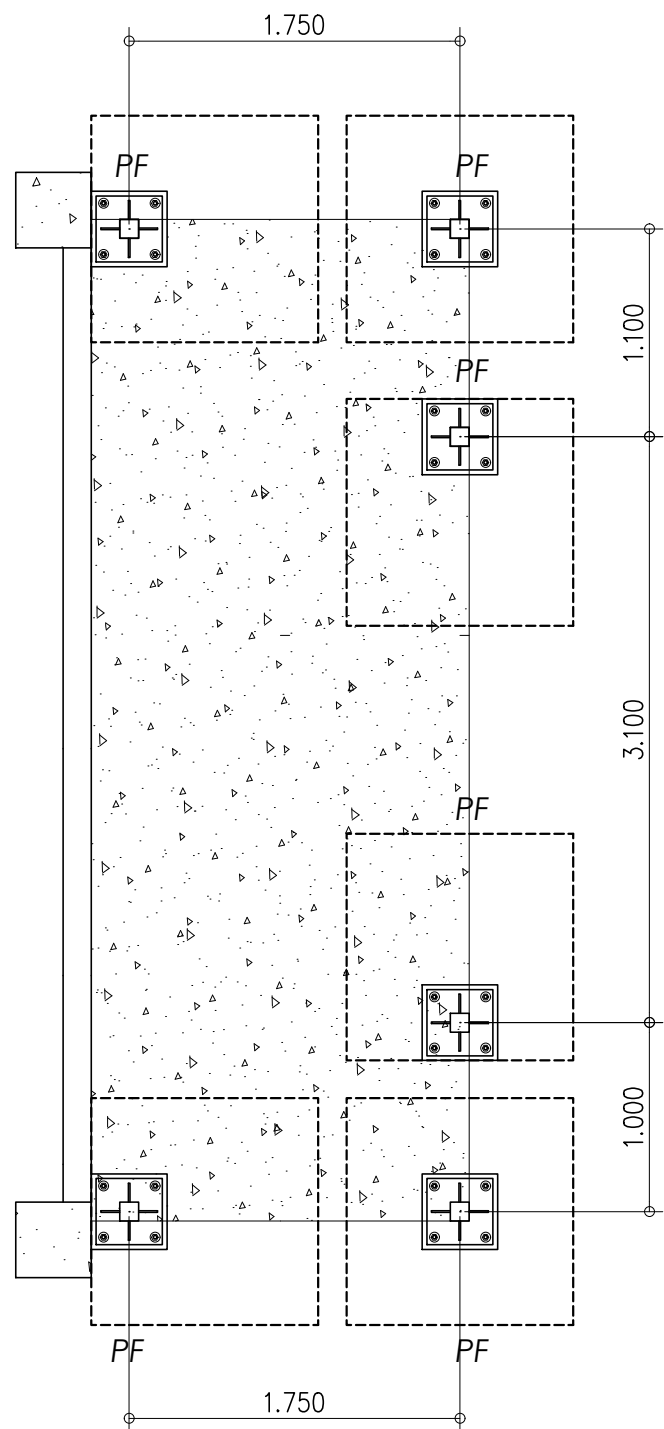
PLAN VIEW

NOTE : CONCRETE = 3000 psi
STL. REINFORCEMENT = GRADE 40



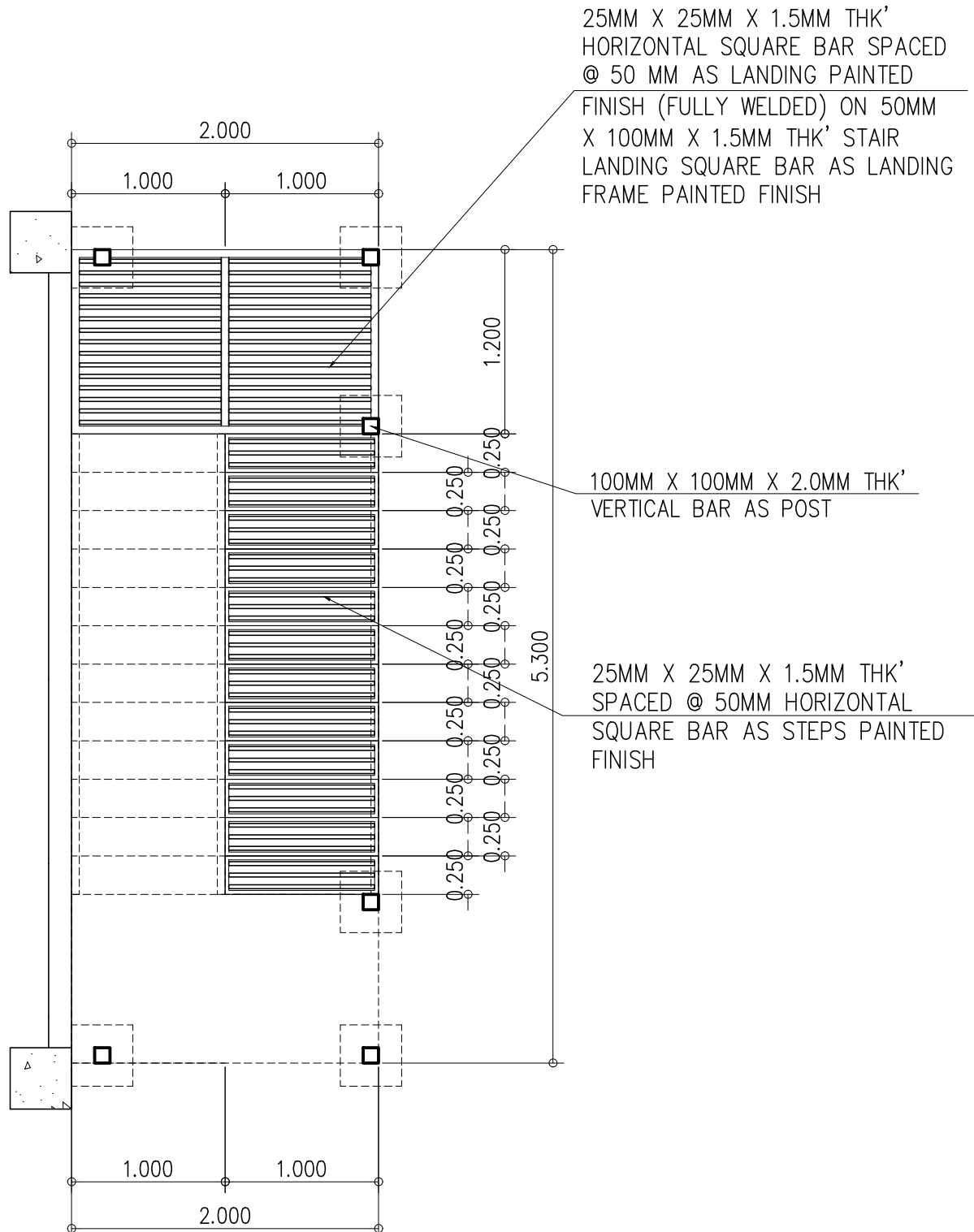
SECTION

1
S-09
FIRE EXIT STAIR (PF)
PEDESTAL & FOOTING DETAILS
SCALE 1 : 25 MTS.



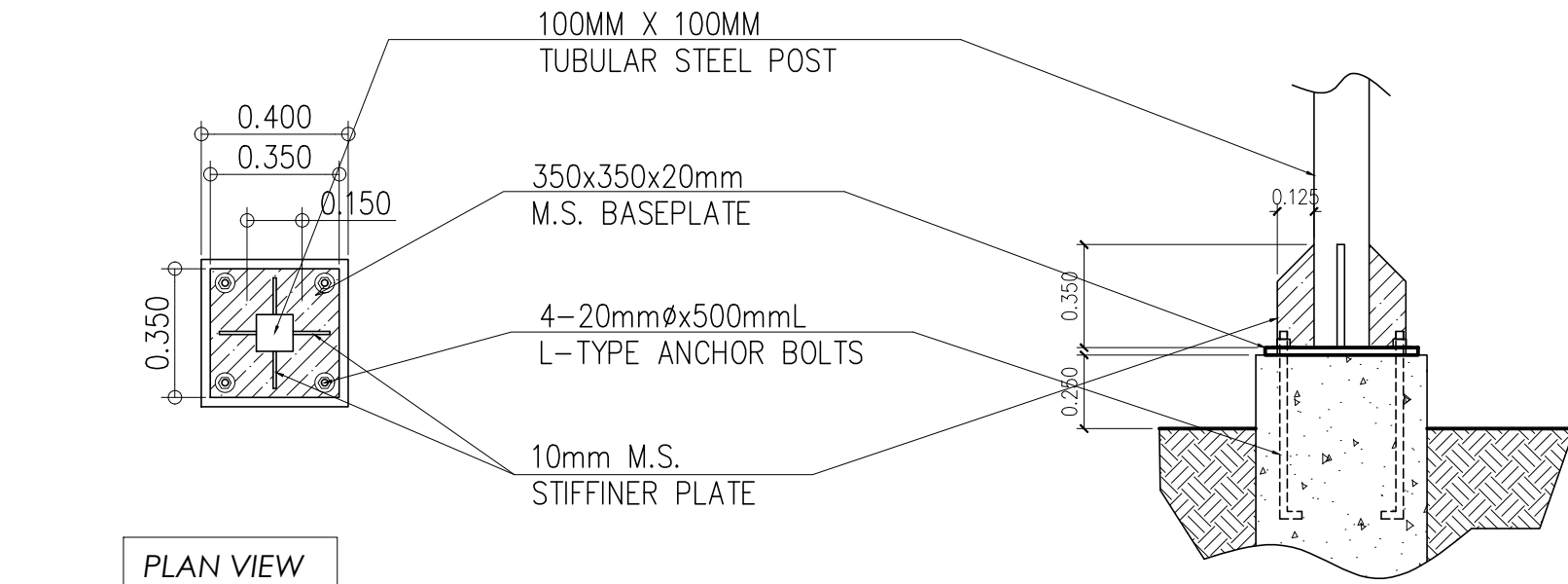
RIGHT SIDE
FIRE EXIT STAIR
FOUNDATION PLAN

3
S-09
SCALE 1:40 MTS.



RIGHT SIDE
FIRE EXIT STAIR FIRST
LANDING FRAMING PLAN

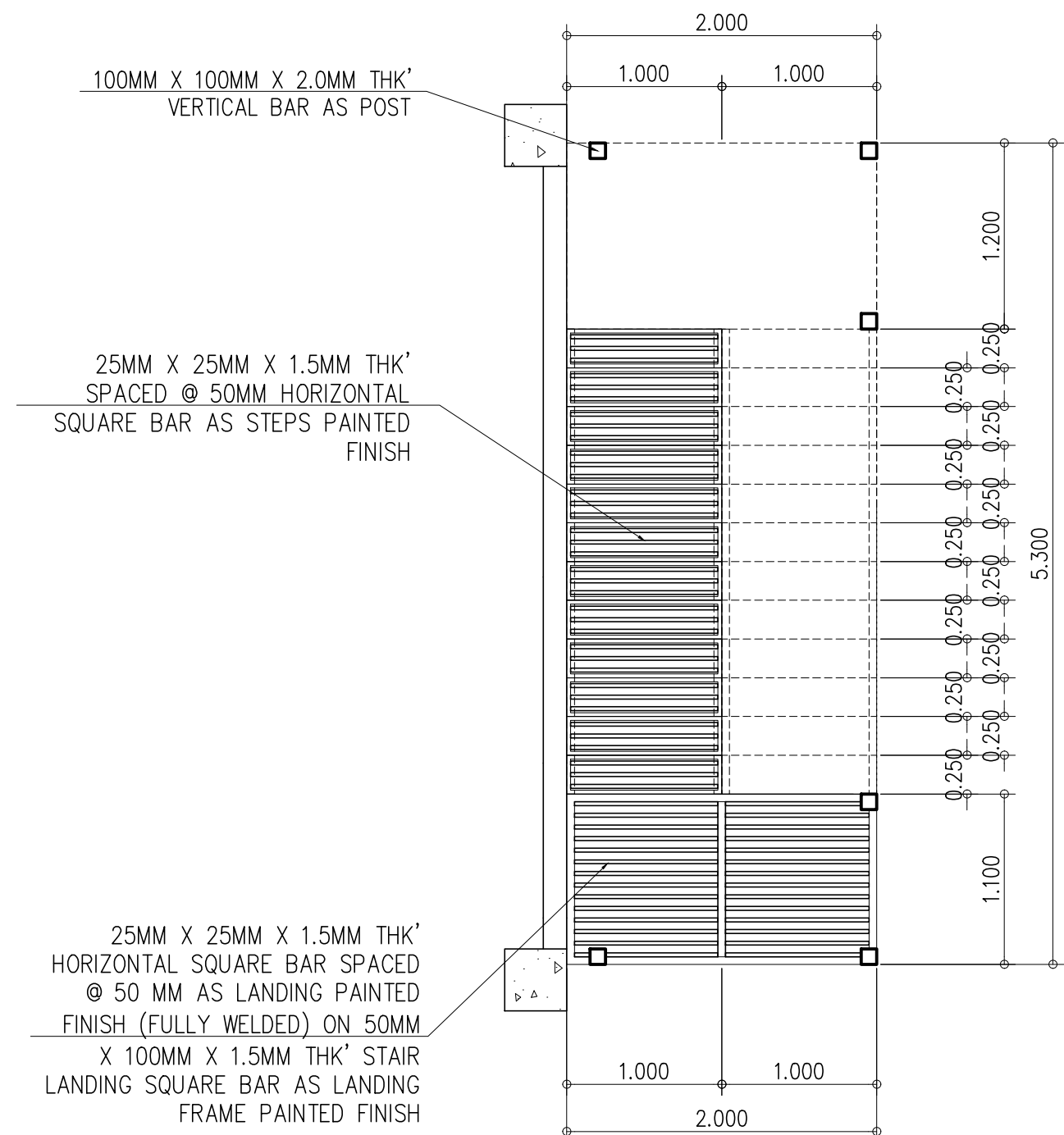
4
S-09
SCALE 1:40 MTS.



PLAN VIEW

SECTION

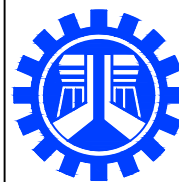
2
S-09
R.C. COLUMN TO STL. POST
CONNECTION DETAILS
SCALE 1 : 20 MTS.



RIGHT SIDE
FIRE EXIT STAIR 2ND FLR.
LANDING FRAMING PLAN

5
S-09
SCALE 1:40 MTS.

CHECKED, SIGNED & SEALED BY :	
CIVIL/STRUCTURAL ENGINEER	
PRC No. :	PTR No. :
Validity :	Place Issued :
Date Signed :	Date Issued :



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. IV-A
BATANGAS 2ND DISTRICT ENGINEERING OFFICE
KUMINTANG ILAYA, BATANGAS CITY

PROJECT TITLE / LOCATION :
CY 2025 PROJECT
CONVERGENCE AND SPECIAL SUPPORT PROGRAM,
BASIC INFRASTRUCTURE PROGRAM (BIP),
MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES,
CONSTRUCTION/IMPROVEMENT OF MULTI-PURPOSE BUILDINGS
(LIVING QUARTERS) OF PHILIPPINE COAST GUARD SOUTHERN TAGALOG,
BARANGAY STA. CLARA, BATANGAS CITY

CAD BY:

MA. JESSA ANN M. CABALLES
ARCHITECT I (JO)
DATE :

PREPARED BY :

MYLEN M. MANALO
ENGINEER II
DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF
PLANNING & DESIGN SECTION
DATE :

RECOMMENDED :

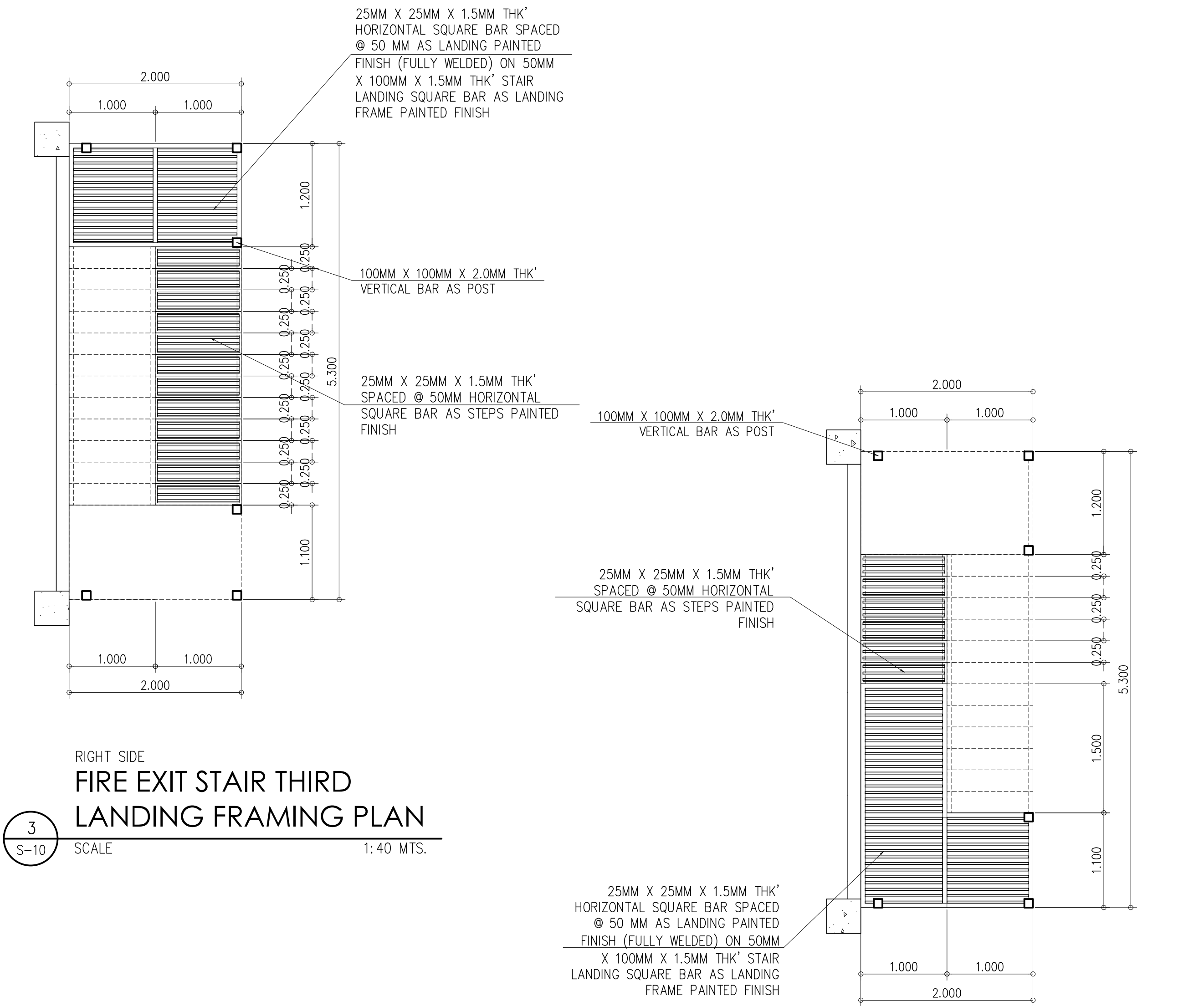
ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER
DATE :

APPROVED :

SONIA D. PAGLICAUAN
DISTRICT ENGINEER
DATE :

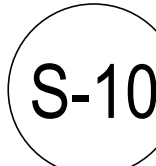
SHEET CONTENT :
FIRE EXIT STAIR (PF) PEDESTAL &
FOOTING DETAILS
R.C. COLUMN TO STL. POST
CONNECTION DETAILS
FIRE EXIT STAIR FOUNDATION PLAN
1ST LANDING FRAMING PLAN (FES)
2ND FLR. LANDING FRAMING PLAN (FES)

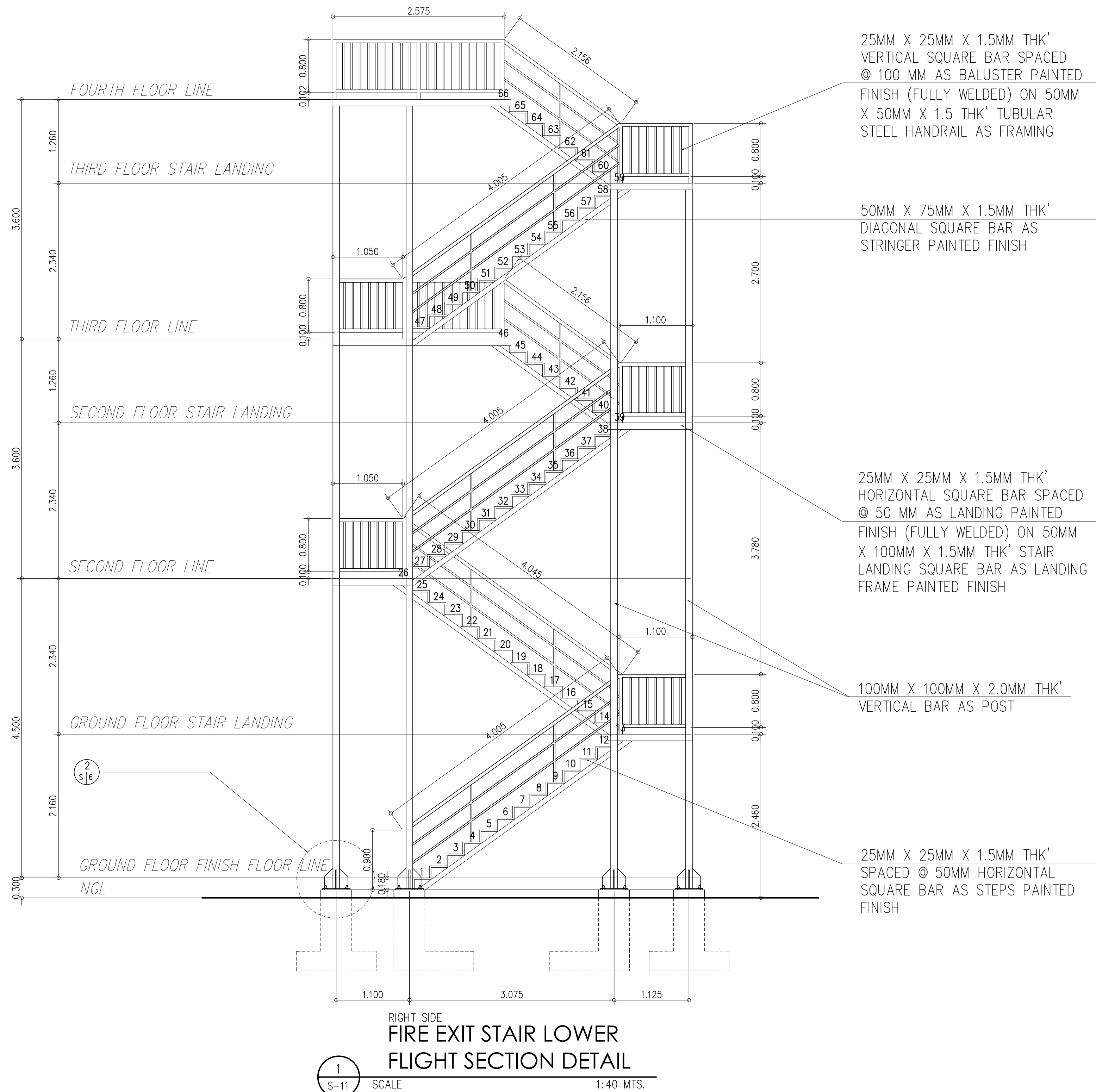
S-09



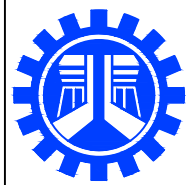
RIGHT SIDE
FIRE EXIT STAIR 4TH FLR.
LANDING FRAMING PLAN

SCALE 1:40 MTS.

CHECKED, SIGNED & SEALED BY :	
CIVIL/STRUCTURAL ENGINEER	
PRC No. :	PTR No. :
Validity :	Place Issued :
Date Signed :	Date Issued :
SHEET CONTENT :	
SHEET NO.:	
2ND LANDING FRAMING PLAN (FES) 3RD FLR. LANDING FRAMING PLAN (FES) 3RD LANDING FRAMING PLAN (FES) 4TH FLR. LANDING FRAMING PLAN (FES)	



CHECKED, SIGNED & SEALED BY :	
CIVIL/STRUCTURAL ENGINEER	
PRC No. :	PTR No. :
Validity :	Place Issued :
Date Signed :	Date Issued :
SHEET CONTENT :	
FIRE EXIT STAIR LOWER FLIGHT SECTION DETAIL	
SHEET NO.:	
S-11	



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CAD BY:

MA. JESSA ANN M. CABALLES

ARCHITECT I (JO)

DATE :

PREPARED BY :

MYLEN M. MANALO

ENGINEER II

DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN

CHIEF
PLANNING & DESIGN SECTION

DATE :

RECOMMENDED :

ARIEL V. ARMEDILLA

ASSISTANT DISTRICT ENGINEER

DATE :

APPROVED :

SONIA D. PAGLICAUAN

DISTRICT ENGINEER

DATE :

GENERAL NOTES:

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE NATIONAL PLUMBING CODE, THE NATIONAL BUILDING CODE.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 0.5% AND FOR SEWER SHALL MAINTAIN 1.0% UNLESS OTHERWISE SPECIFIED.
6. ALL WATER FIXTURE SHALL HAVE AN AIR CHAMBER INSTALLED.
7. SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
8. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATE THE WORKS WITH THE SEWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT, UNLESS OTHERWISE SPECIFIED.
9. ALL PIPE SIZES ARE IN MILLIMETERS AND ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED. ALL PIPE SIZES USE INSIDE DIAMETER.

MATERIAL SPECIFICATIONS:

COLD WATER LINE	WHEN BURIED UNDERGROUND, TAPPING WATER LINES FROM WATER MAIN TO BUILDING TOILET /OR SUPPLY LINE SHALL BE PVC BLUE CLASS 150. THE FITTINGS SHALL BE CCI OR MECHANICAL GROOVED COUPLER SIMILAR TO "VICTAULIC" BRAND OR APPROVED EQUAL.
	ALL RISER LINES AND ROUGHING-IN OF TOILETS SHALL BE HIGH DENSITY PPRC (POLYPROPYLENE-RANDOM COPOLYMER) CLASS PN-20 POLYPROPYLENE PIPE MATERIALS. FITTINGS SHALL BE FUSION WELD TYPE, IMPORTED CONFORMING TO GERMAN TECHNOLOGY DIN 8077-8078 AND ISO 15874-2 SIMILAR TO "THERMOVAR", "REHAU", "GEORGE FISHER", "ATLANTA PPR" BRAND OR APPROVED EQUAL.
VENT PIPES	SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 600 BY "NELTEX", ATLANTA" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564.
SEWER LINES	SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000 BY, "NELTEX", ATLANTA" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564.
DOWNSPOUT	SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000 BY, "NELTEX", ATLANTA" BRAND OR APPROVED EQUAL. FITTINGS SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564.
CHECK VALVES	"CRANE", "KITS", OR APPROVED EQUAL.
GATE VALVES	"CRANE", "KITS", OR APPROVED EQUAL.
WATER METER	"ARAD", "ASAHI", "SYNERGY", BRAND OR APPROVED EQUAL.

LEGEND:

WATER DISTRIBUTION SYSTEM

	CWR	COLD WATER RISER
	CWL	COLD WATER LINE
	DN.	COLD WATER LINE (DOWN)
	GV	GATE VALVE
	CV	CHECK VALVE
	WM	WATER METER

SEWER, WASTE & VENT SYSTEM

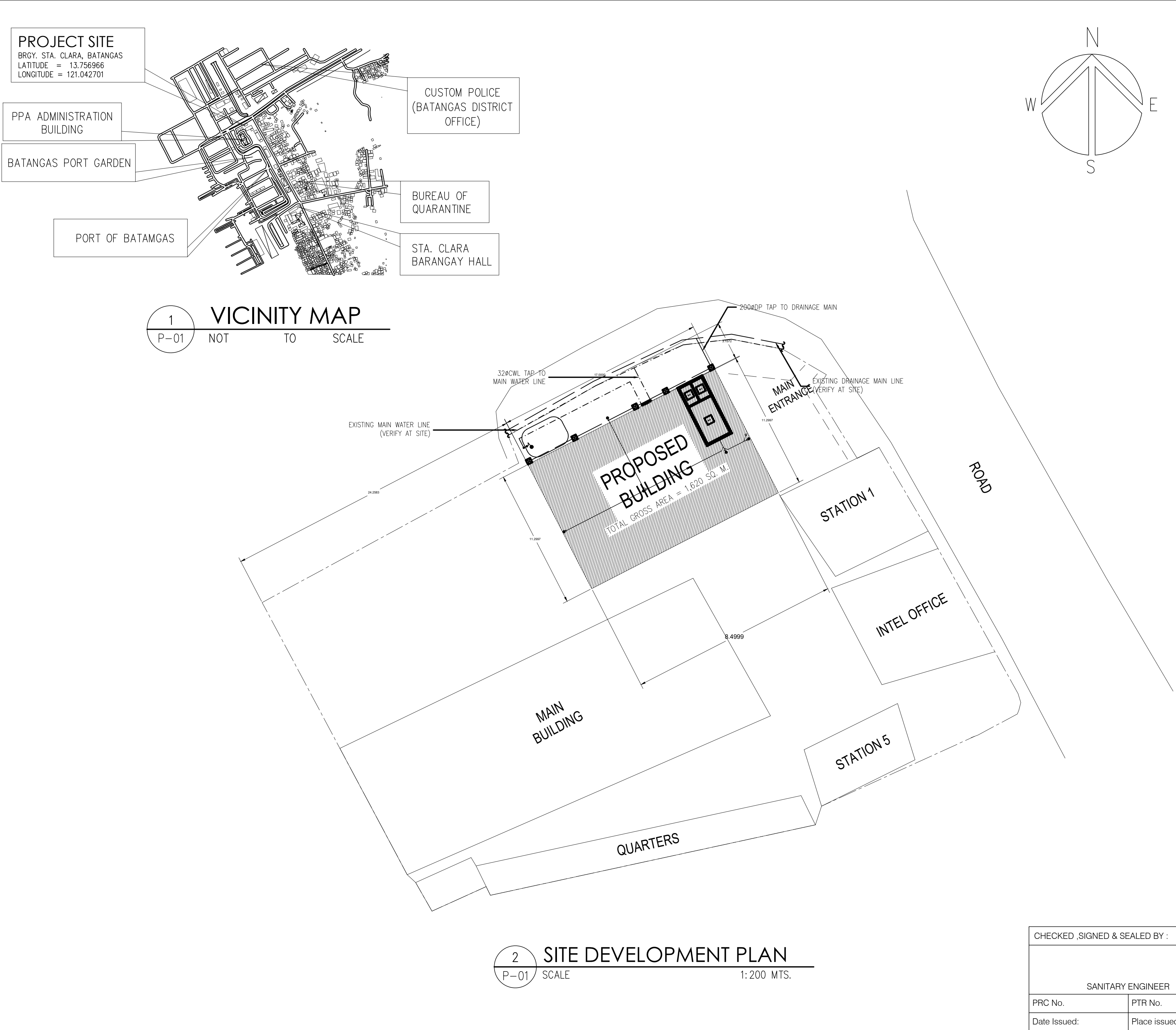
	SP	SOIL PIPE
	SS	SOIL STACK
	VP/VAC	VENT PIPE/VENT ACROSS CEILING
	VS	VENT STACK
	VSTR	VENT STACK THRU ROOF
	VSTW	VENT STACK THRU WALL
	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN
	GT	GREASE TRAP

DRAINAGE SYSTEM

	DP	DRAIN PIPE
	CB/AD	CATCH BASIN/AREA DRAIN
	DS	DOWNSPOUT
	GD	GUTTER DRAIN
	DD	DECK DRAIN

STACK DRIECTIONS

F/A	FROM ABOVE
T/A	TO ABOVE
F/B	FROM BELOW
T/B	TO BELOW



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CONSTRUCTION OF MULTI-PURPOSE BUILDINGS,
BARANGAY MANGHINAO PROPER, BAUAN, BATANGAS

CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
ENGINEER II (JO)

DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
ENGINEER II

DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF, PLANNING & DESIGN SECTION

DATE :

RECOMMENDED :

ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER

DATE :

APPROVED :

SONIA D. PAGLICAUAN
DISTRICT ENGINEER

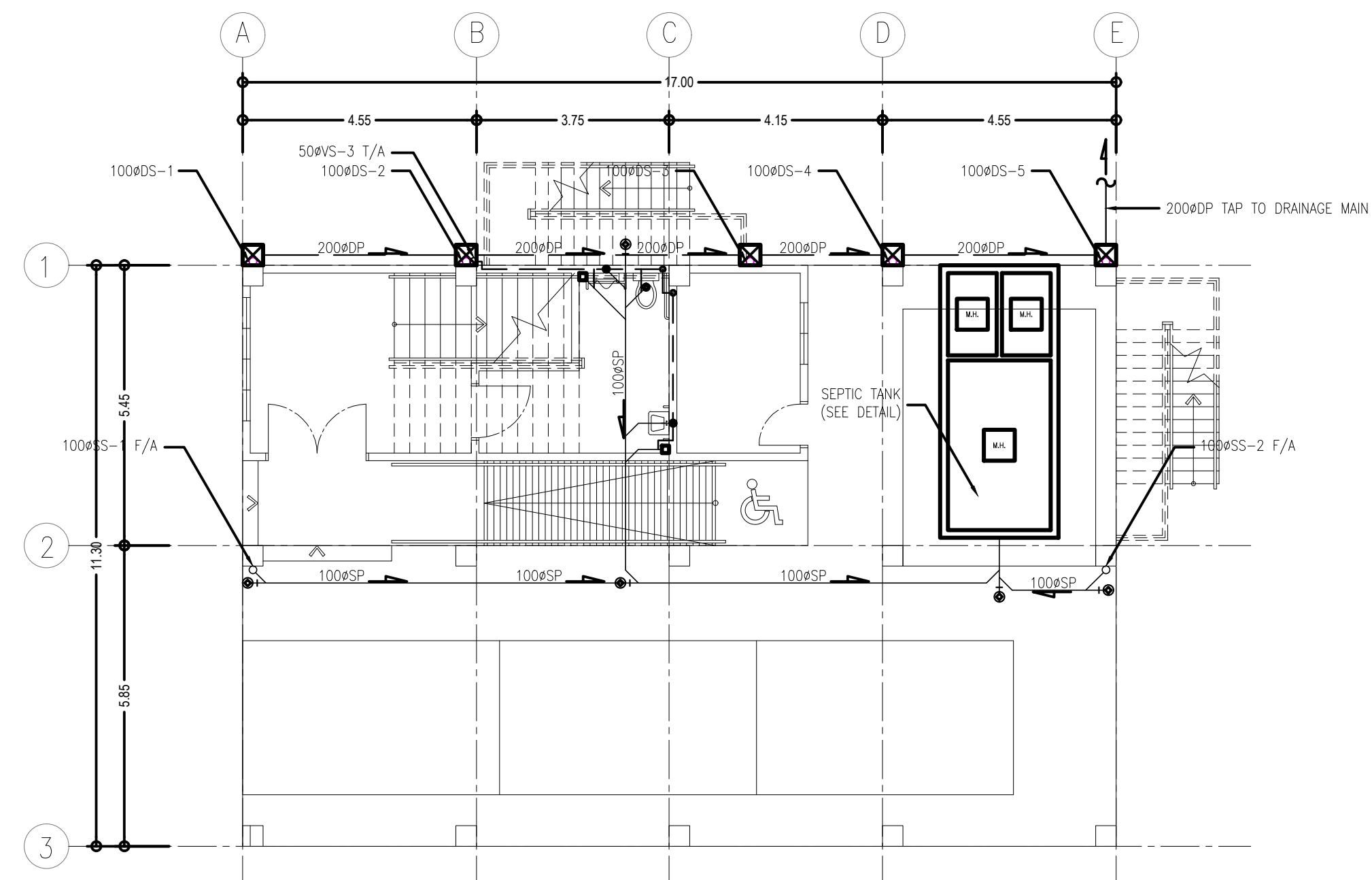
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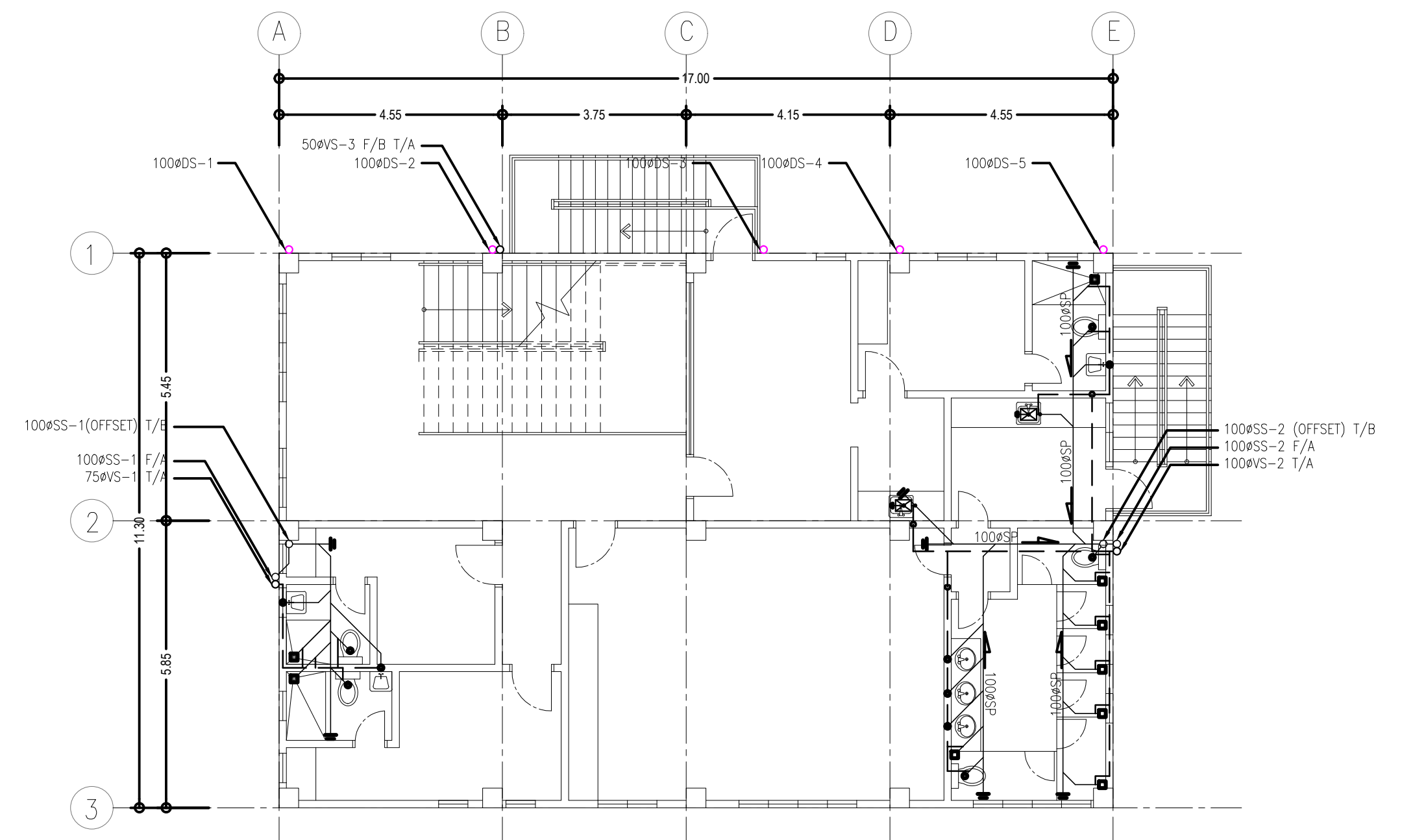
PLUMBING GENERAL NOTES
MATERIAL SPECIFICATIONS
LEGEND
VICINITY MAP
SITE DEVELOPMENT PLAN

SHEET NO.:

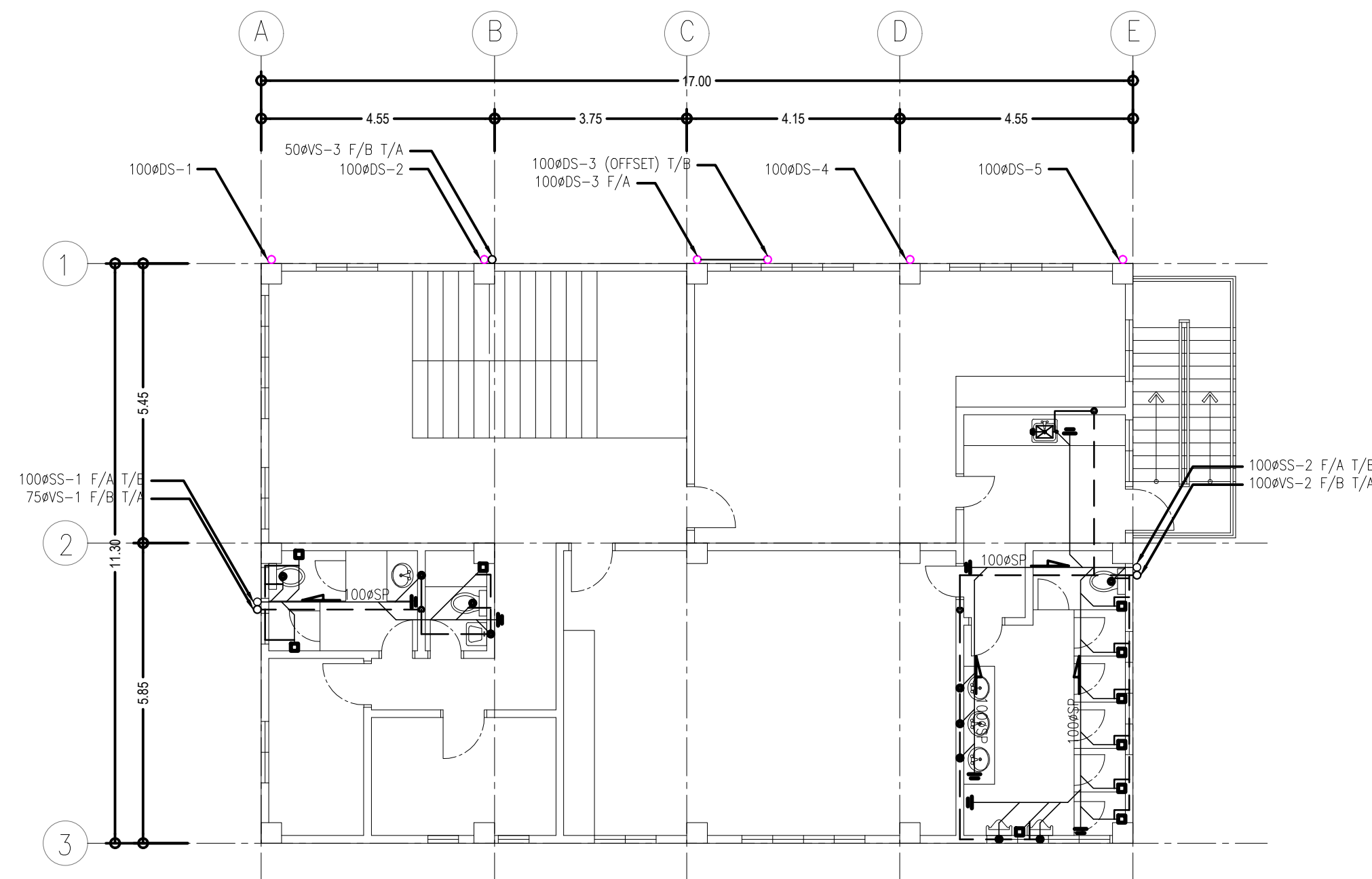
P-01



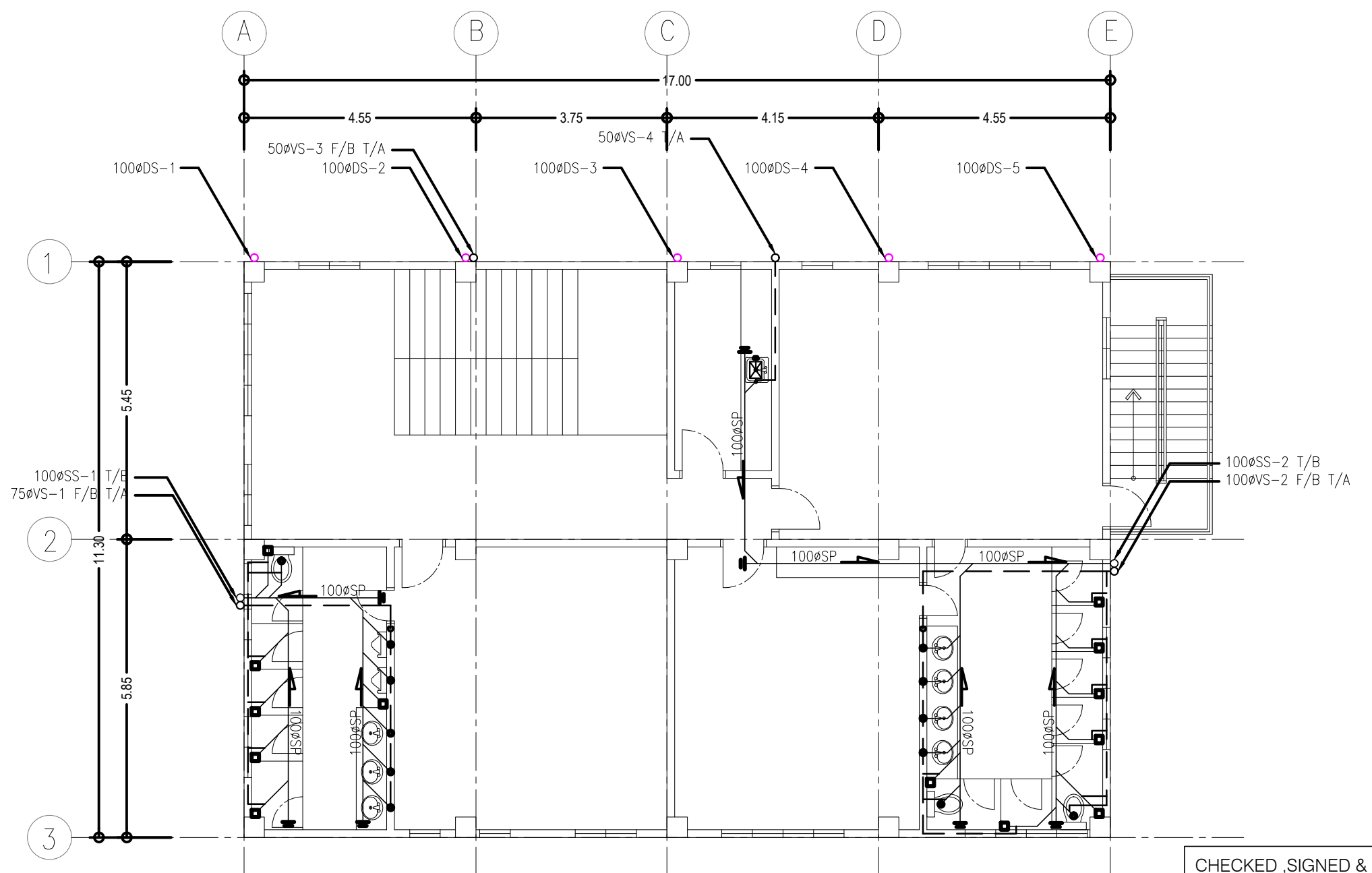
SEWER, VENT & STORM DRAINAGE LINE LAYOUT OF
GROUND FLOOR PLAN
 1
 P-02 SCALE 1:100 MTS.



SEWER, VENT & STORM DRAINAGE LINE LAYOUT OF
SECOND FLOOR PLAN
 2
 P-02 SCALE 1:100 MTS.



SEWER, VENT & STORM DRAINAGE LINE LAYOUT OF
THIRD FLOOR PLAN
 3
 P-02 SCALE 1:100 MTS.



SEWER, VENT & STORM DRAINAGE LINE LAYOUT OF
FOURTH FLOOR PLAN
 4
 P-02 SCALE 1:100 MTS.

CHECKED, SIGNED & SEALED BY :

SANITARY ENGINEER

PRC No.

PTR No.

Date Issued:

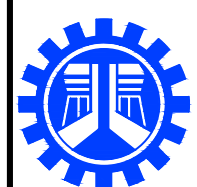
Place issued:

SHEET CONTENT :

SEWER LINE LAYOUT PLAN
 VENT LINE LAYOUT PLAN
 STORM DRAINAGE LINE LAYOUT PLAN

SHEET NO.:

P-02



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 MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES,
 CONSTRUCTION OF MULTI-PURPOSE BUILDINGS,
 BARANGAY MANGHINAO PROPER, BAUAN, BATANGAS

CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
 ENGINEER II (JO)

DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
 ENGINEER II

DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
 CHIEF, PLANNING & DESIGN SECTION

DATE :

RECOMMENDED :

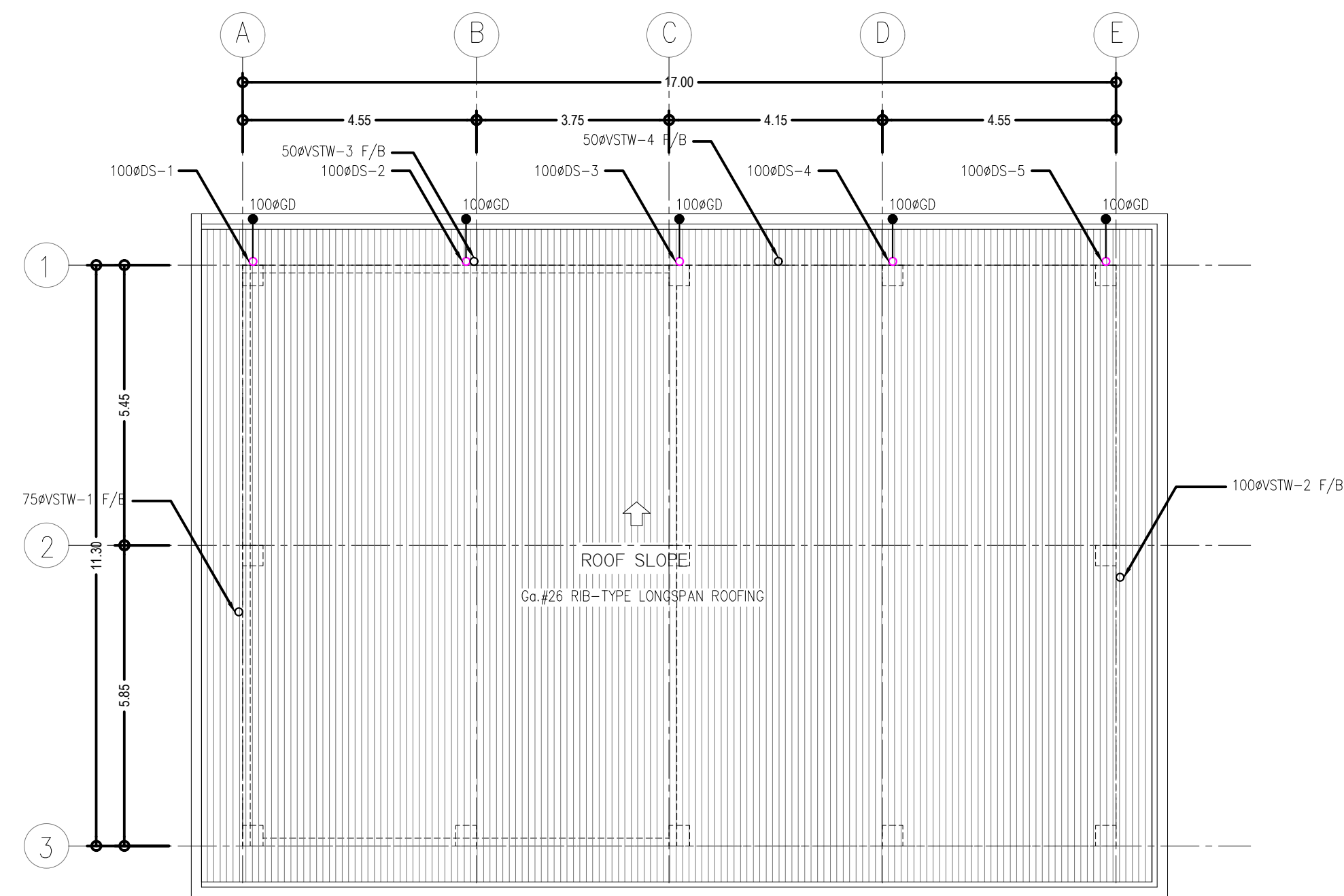
ARIEL V. ARMEDILLA
 ASSISTANT DISTRICT ENGINEER

DATE :

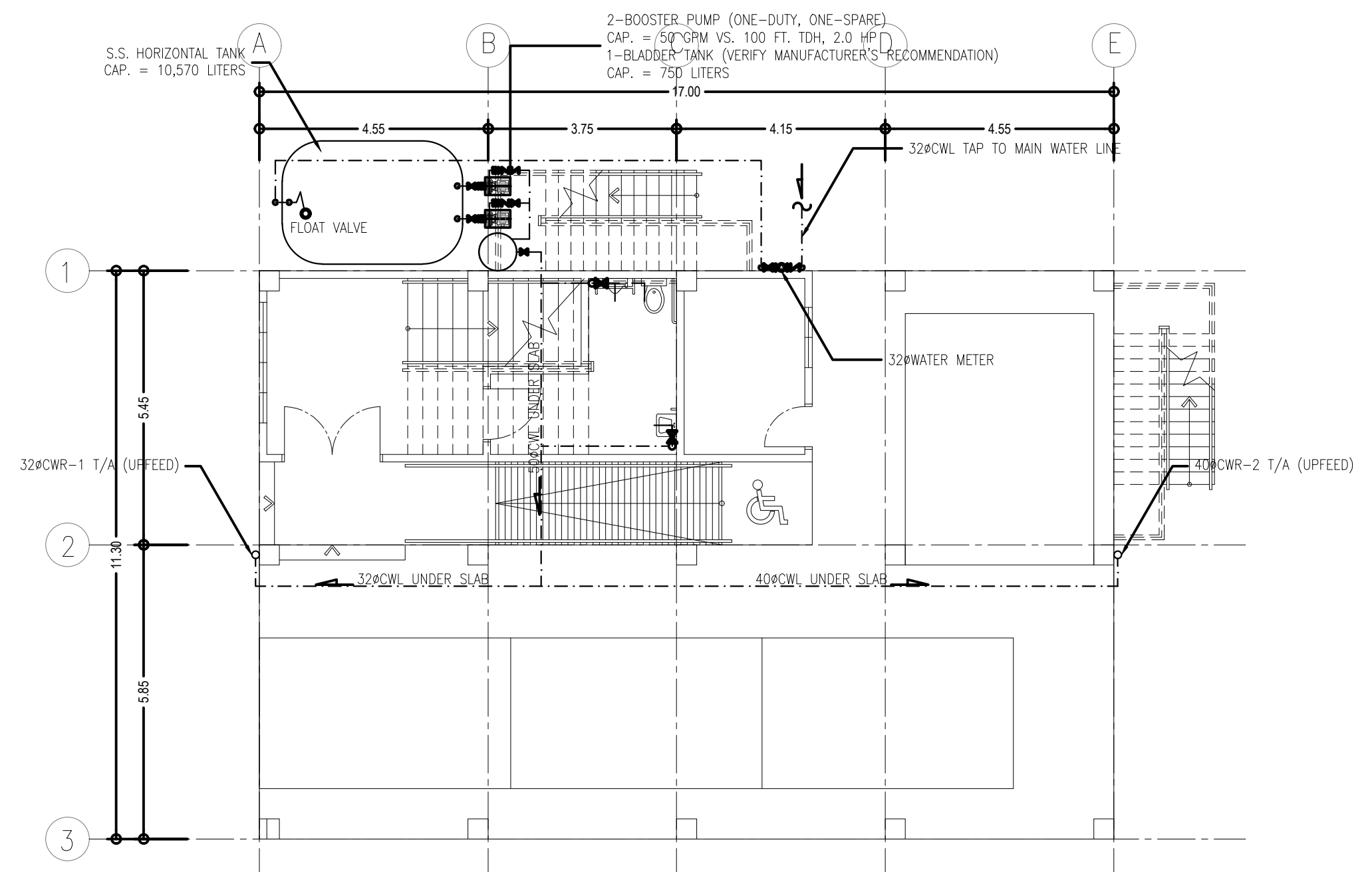
APPROVED :

SONIA D. PAGLICAUAN
 DISTRICT ENGINEER

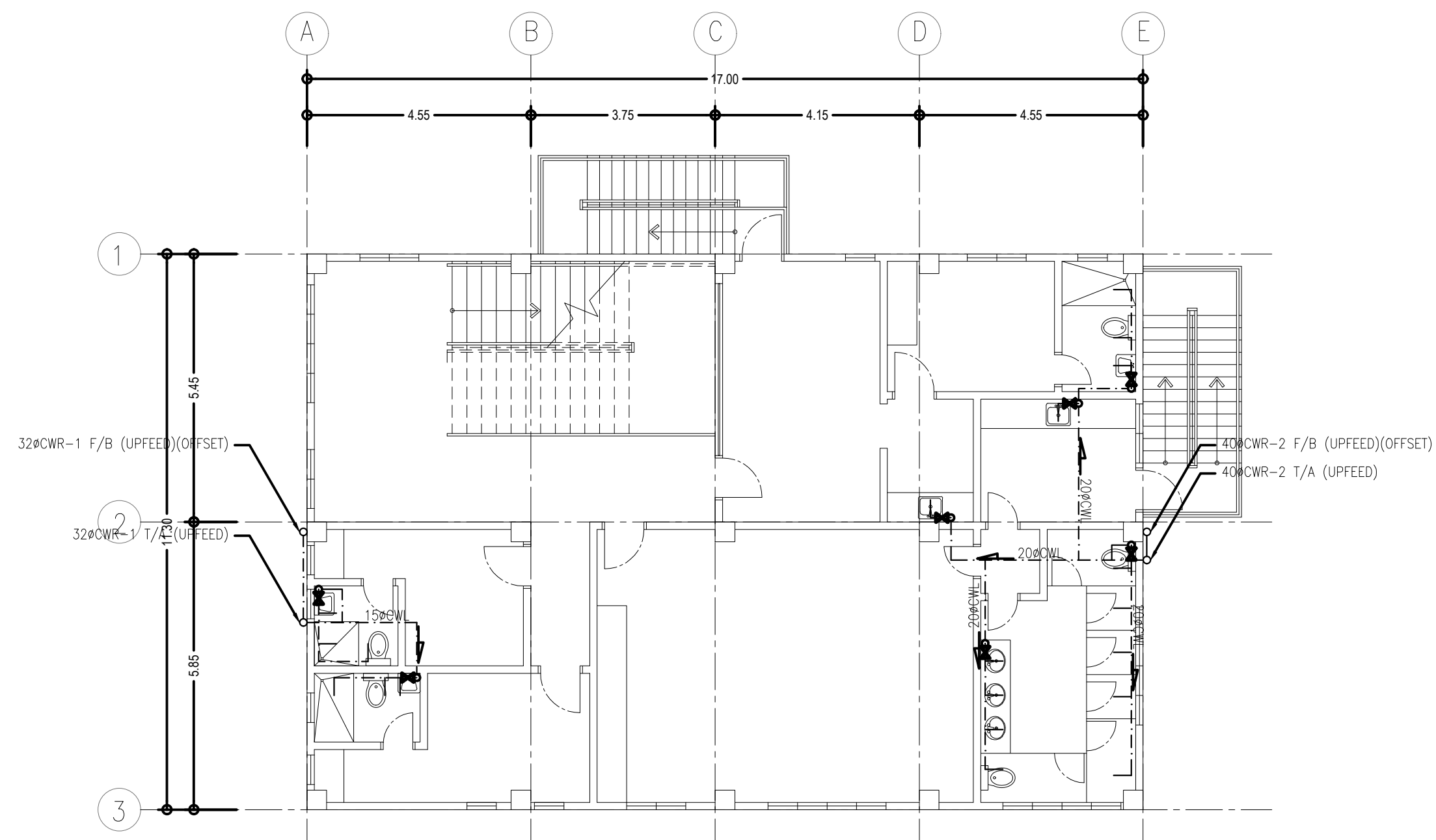
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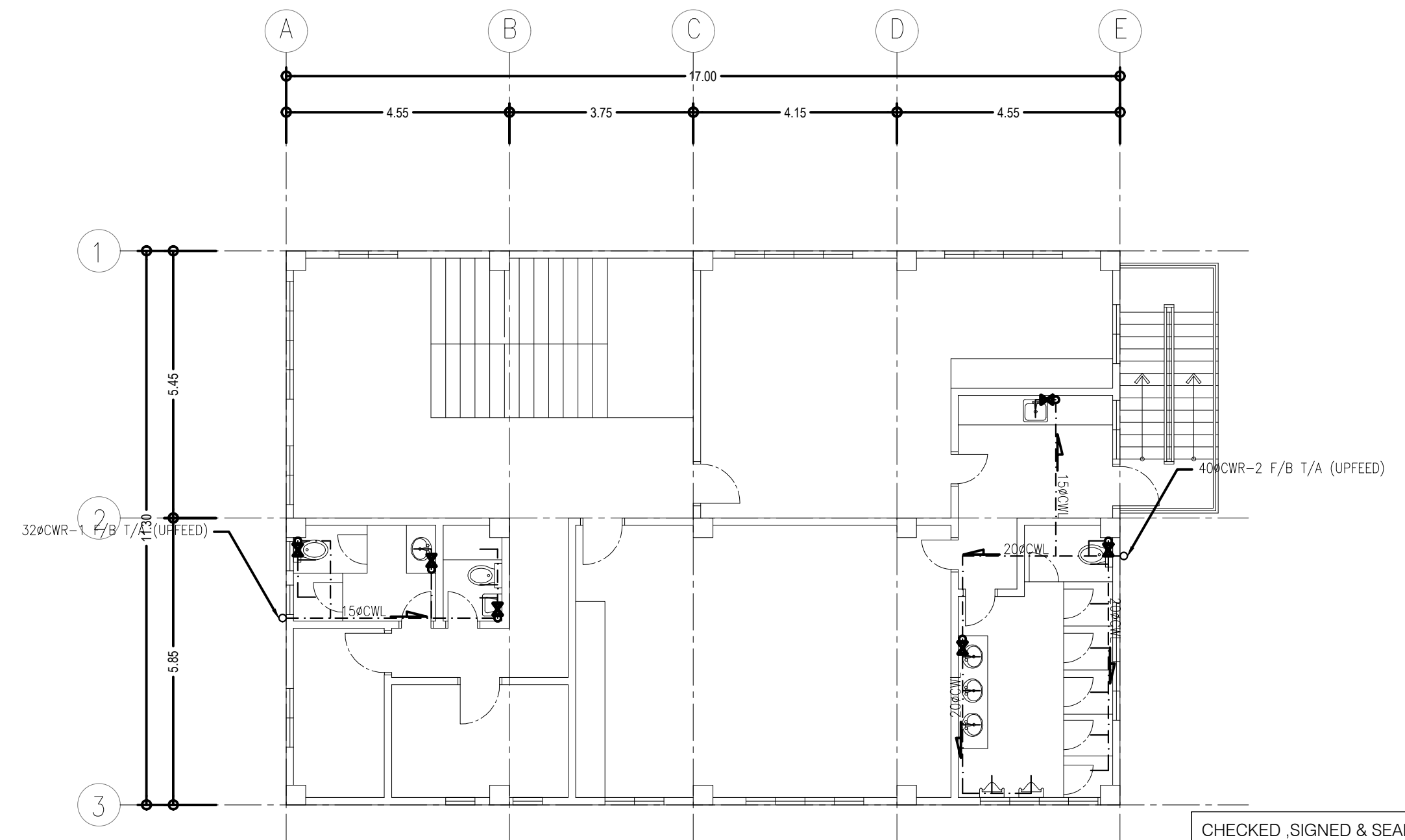
1
P-03
SCALE 1:100 MTS.
VENT & STORM DRAINAGE LINE LAYOUT OF
ROOF DECK & ROOF PLAN



2
P-03
SCALE 1:100 MTS.
COLD WATER LINE LAYOUT OF
GROUND FLOOR PLAN



3
P-03
SCALE 1:100 MTS.
COLD WATER LINE LAYOUT OF
SECOND FLOOR PLAN



4
P-03
SCALE 1:100 MTS.
COLD WATER LINE LAYOUT OF
THIRD FLOOR PLAN

CHECKED, SIGNED & SEALED BY :

SANITARY ENGINEER

PRC No.

PTR No.

Date Issued:

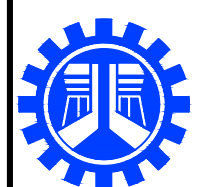
Place issued:

SHEET CONTENT :

SHEET NO.:

SEWER LINE LAYOUT PLAN
VENT LINE LAYOUT PLAN
STORM DRAINAGE LINE LAYOUT PLAN
COLD WATER LINE LAYOUT PLAN

P-03



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BARANGAY MANGHINAO PROPER, BAUAN, BATANGAS

CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
ENGINEER II (JO)

DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
ENGINEER II

DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF, PLANNING & DESIGN SECTION

DATE :

RECOMMENDED :

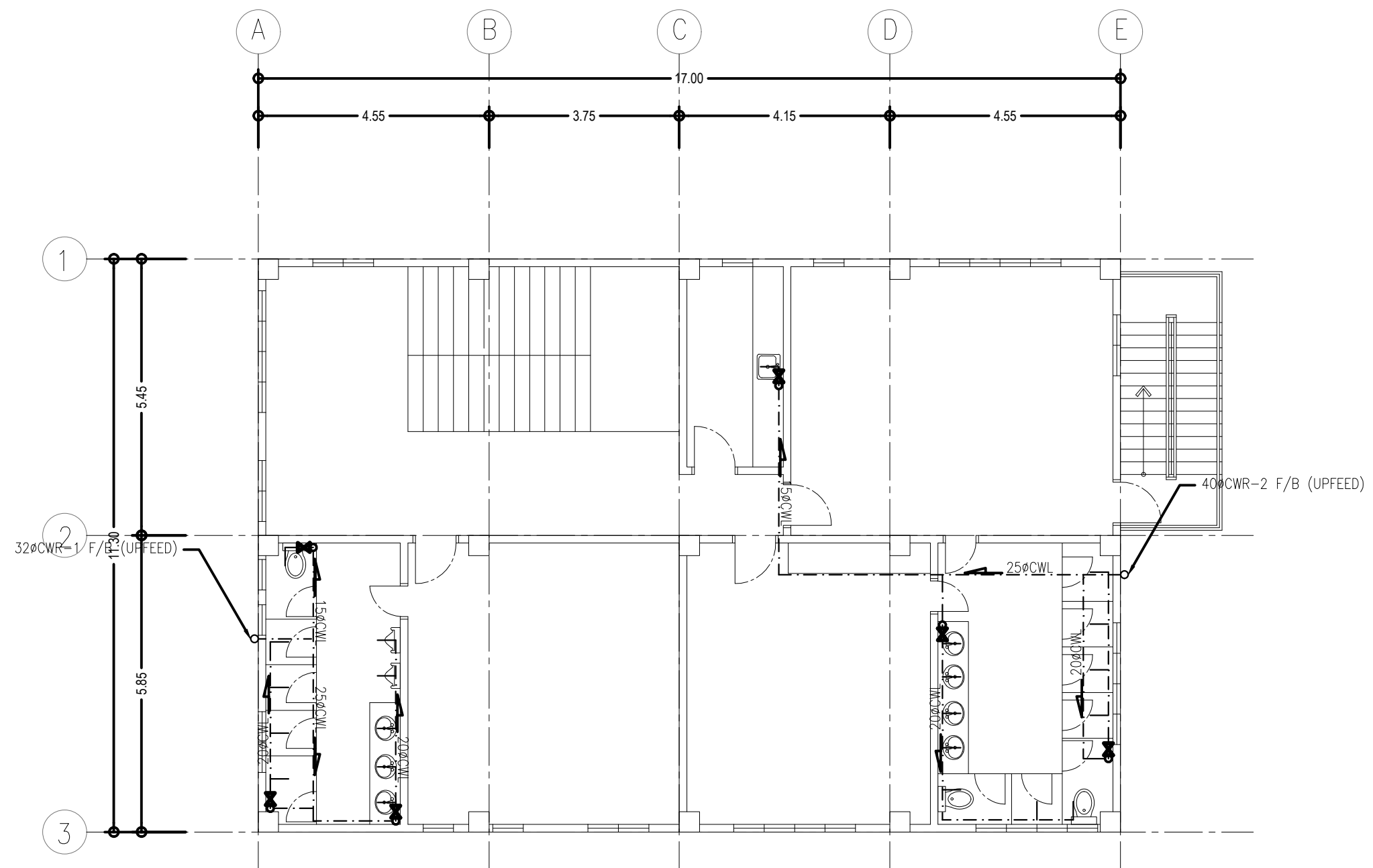
ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER

DATE :

APPROVED :

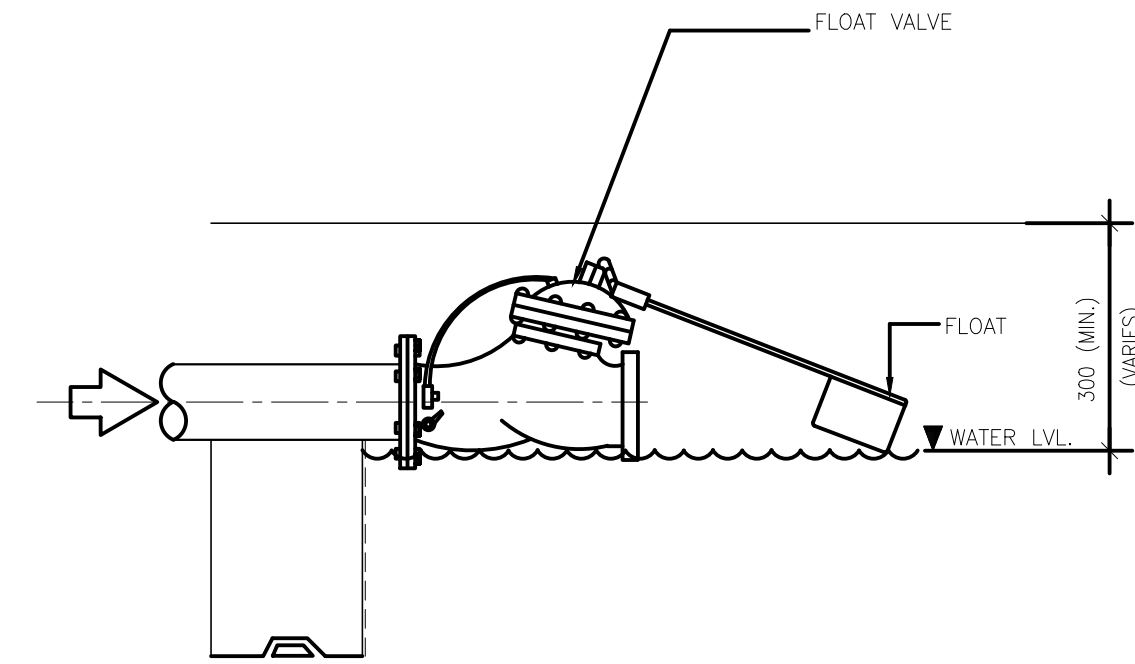
SONIA D. PAGLICAUAN
DISTRICT ENGINEER

DATE :



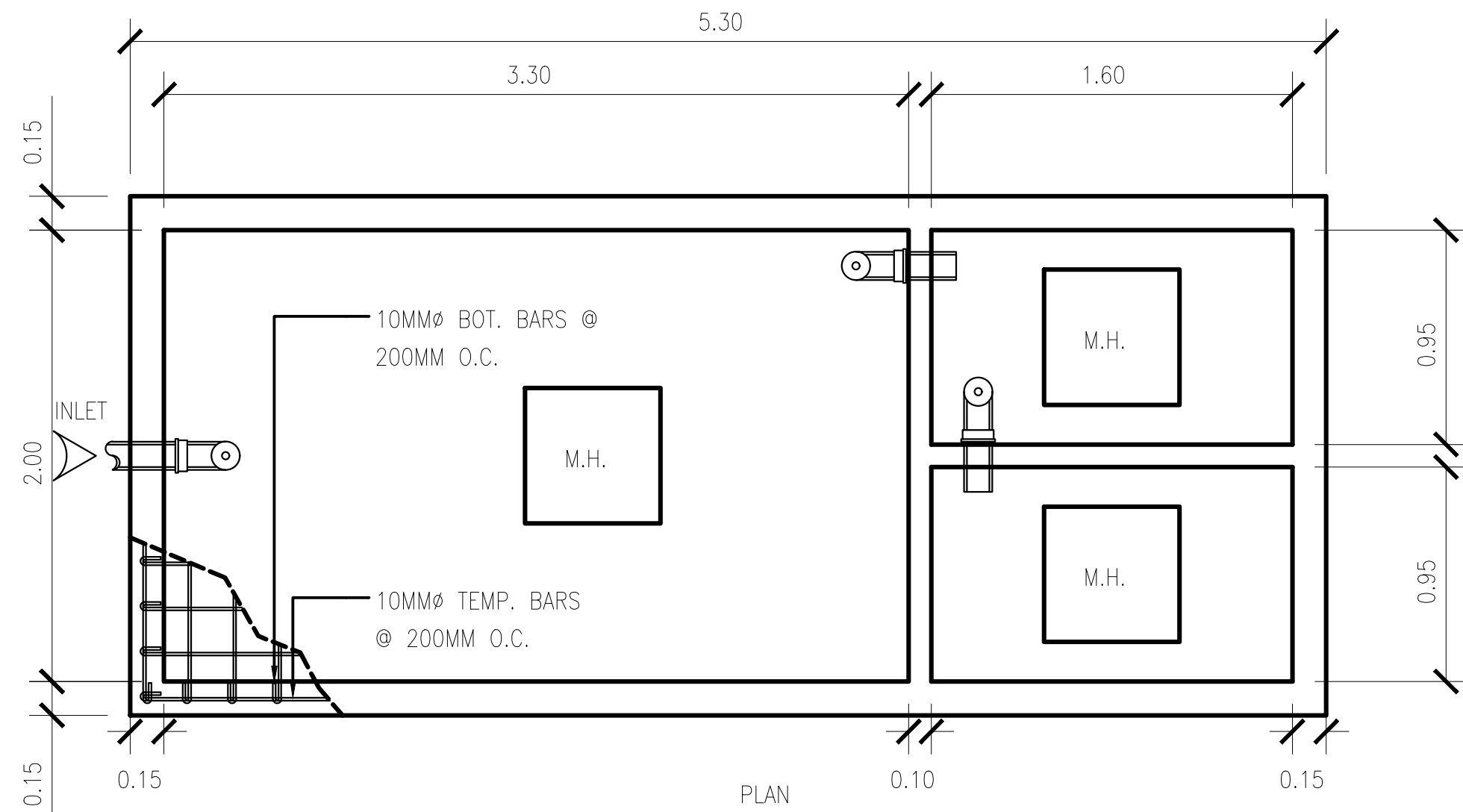
2
P-04 SCALE 1:100 MTS.

COLD WATER LINE LAYOUT OF
FOURTH FLOOR PLAN



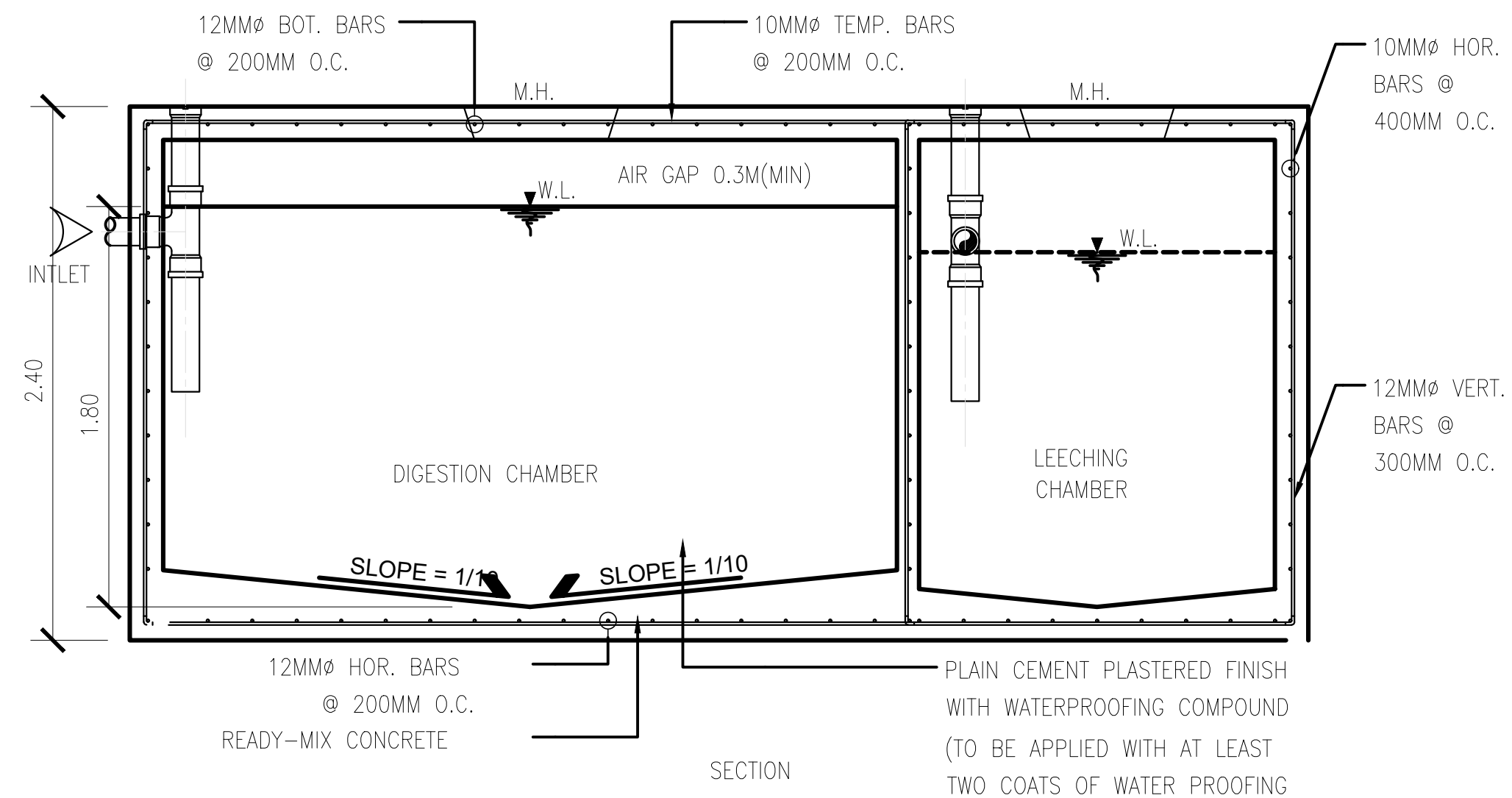
2
P-04 SCALE NTS

FLOAT VALVE DETAIL

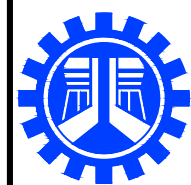


3
P-04 SCALE 1:25 MTS.

SEPTIC TANK DETAIL



CHECKED, SIGNED & SEALED BY :	
SANITARY ENGINEER	
PRC No.	PTR No.
Date Issued:	Place issued:



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CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
ENGINEER II (JO)
DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
ENGINEER II
DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF, PLANNING & DESIGN SECTION
DATE :

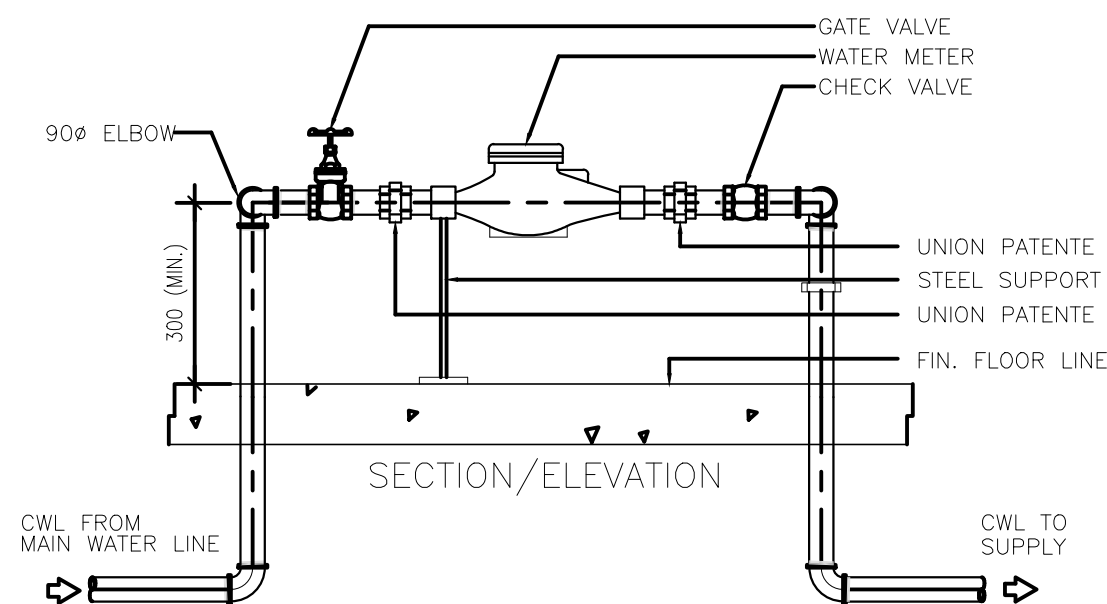
RECOMMENDED :

ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER
DATE :

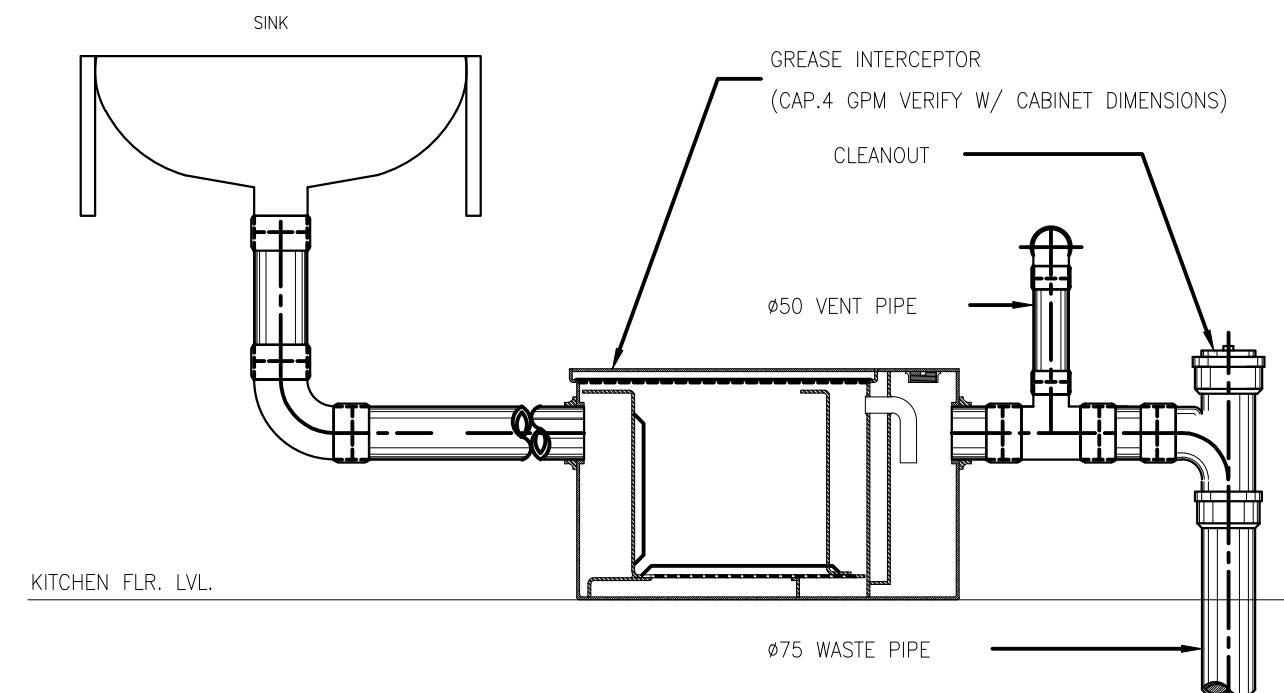
APPROVED :

SONIA D. PAGLICAUAN
DISTRICT ENGINEER
DATE :

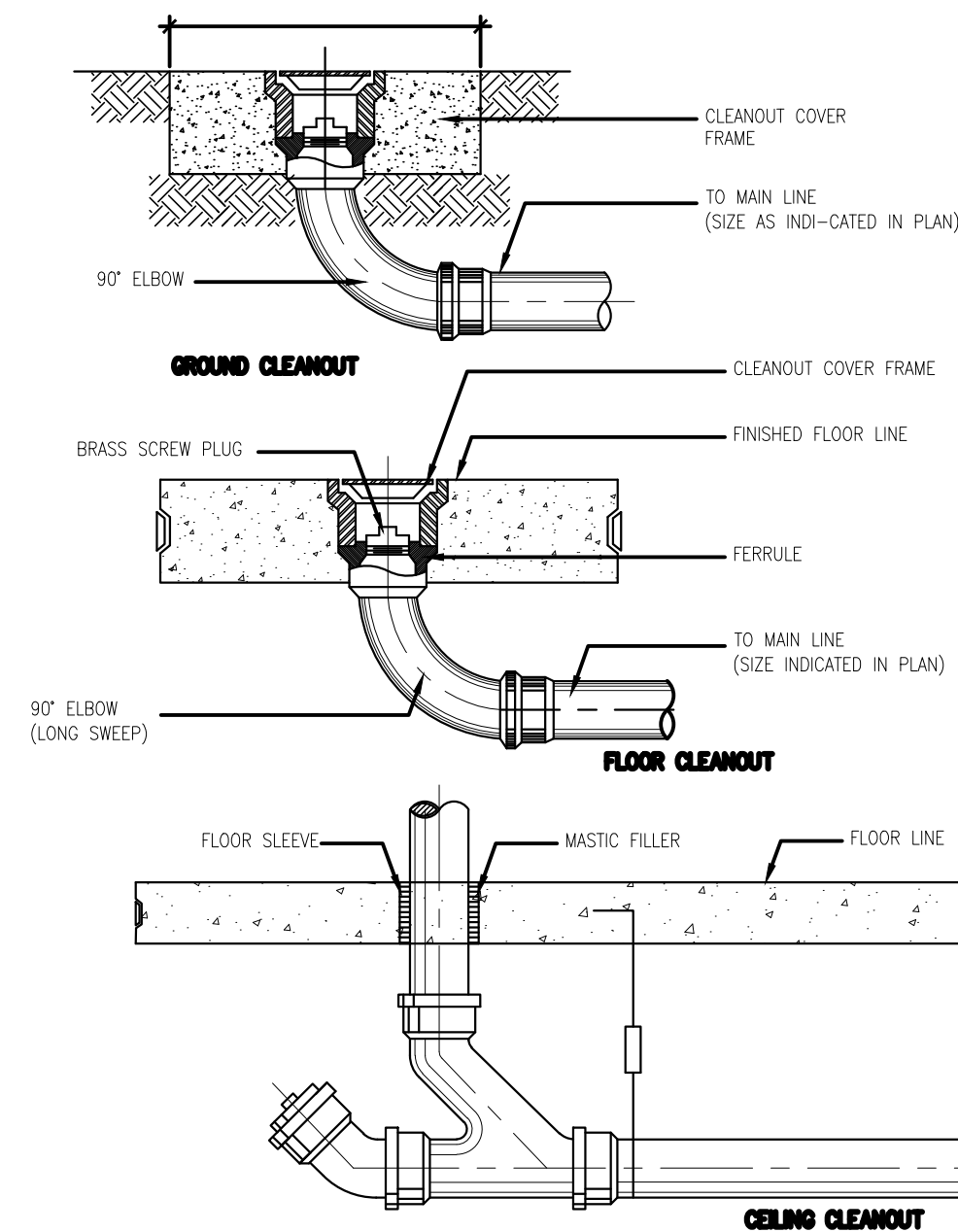
SHEET CONTENT :
COLD WATER LINE LAYOUT PLAN
SEPTIC TANK DETAIL
SHEET NO.:
P-04



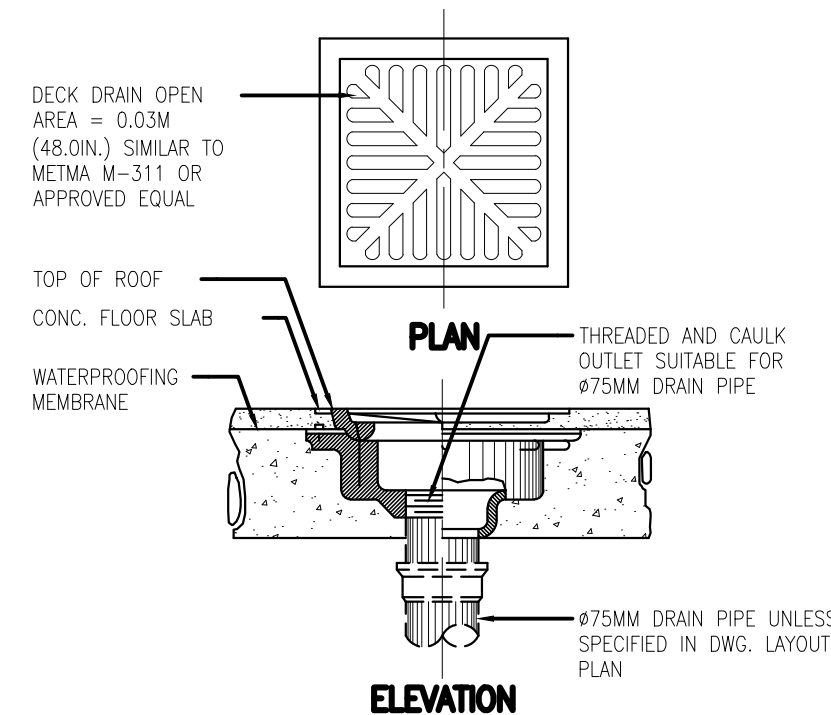
1 WATER METER DETAIL
P-05 SCALE NTS



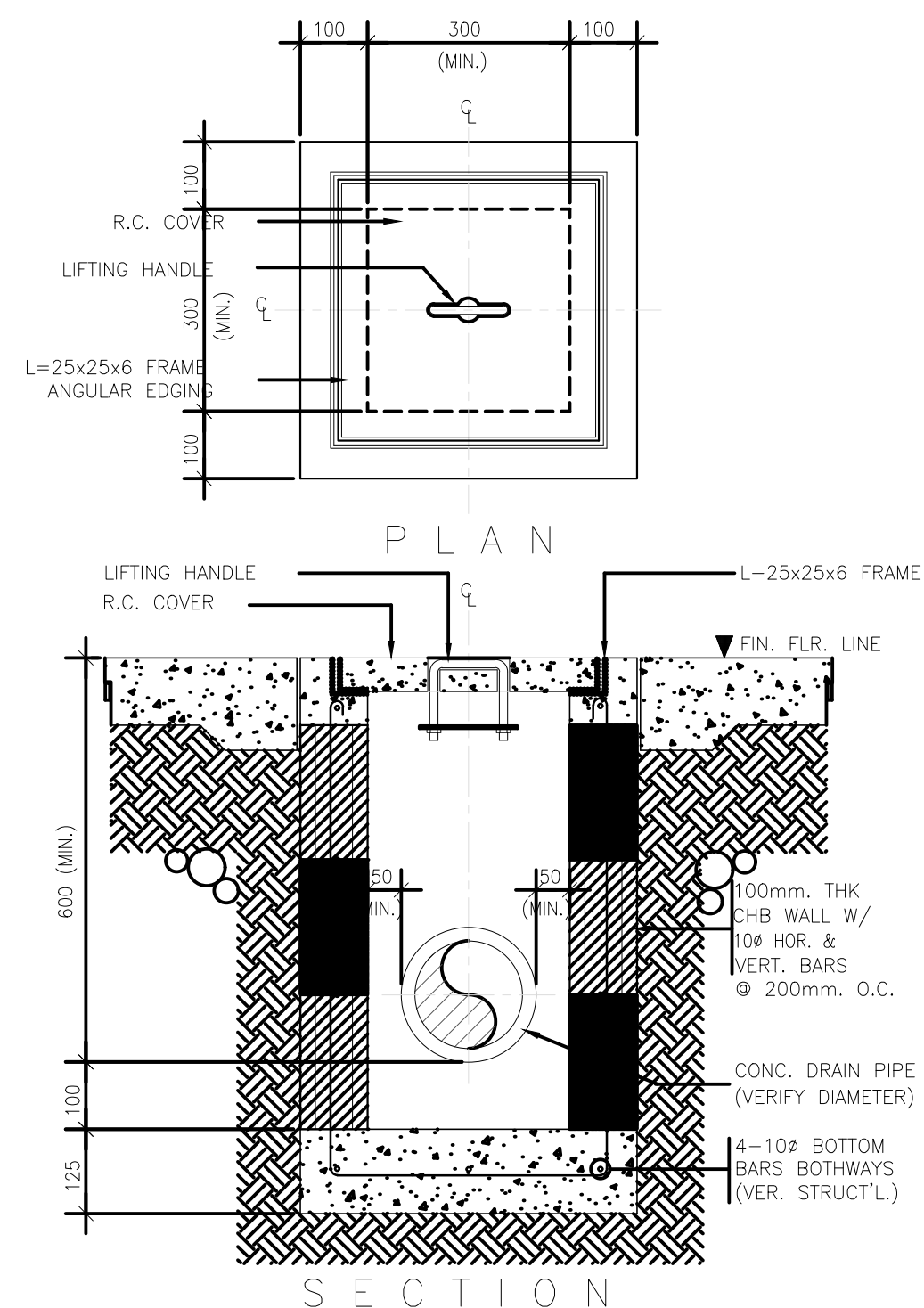
2 GREASE TRAP DETAIL
P-05 SCALE NTS



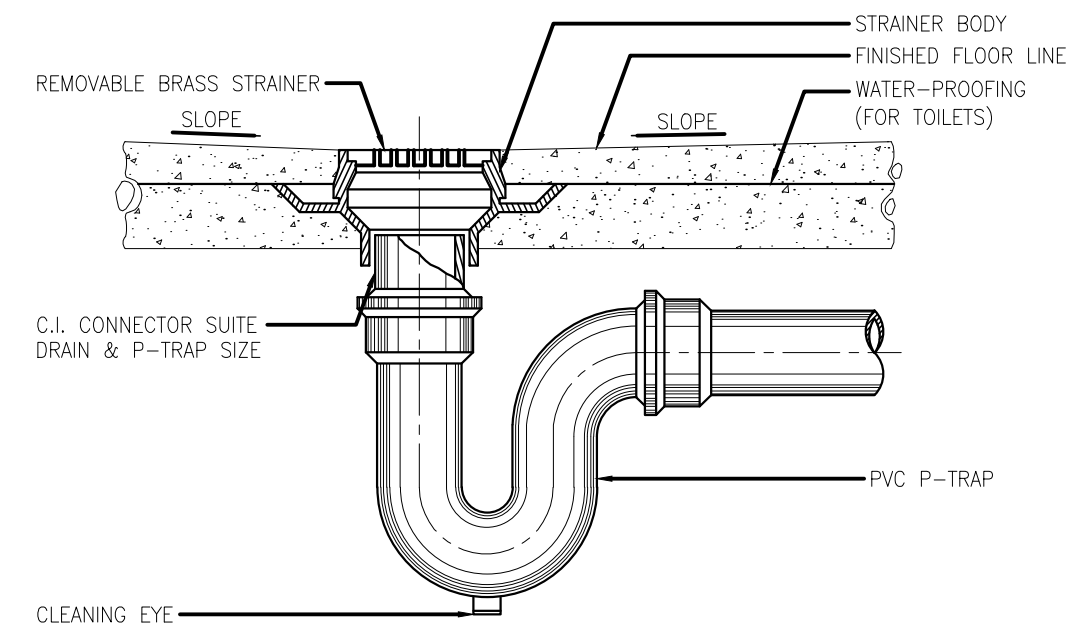
5 CLEAN-OUT DETAIL
P-05 SCALE NTS



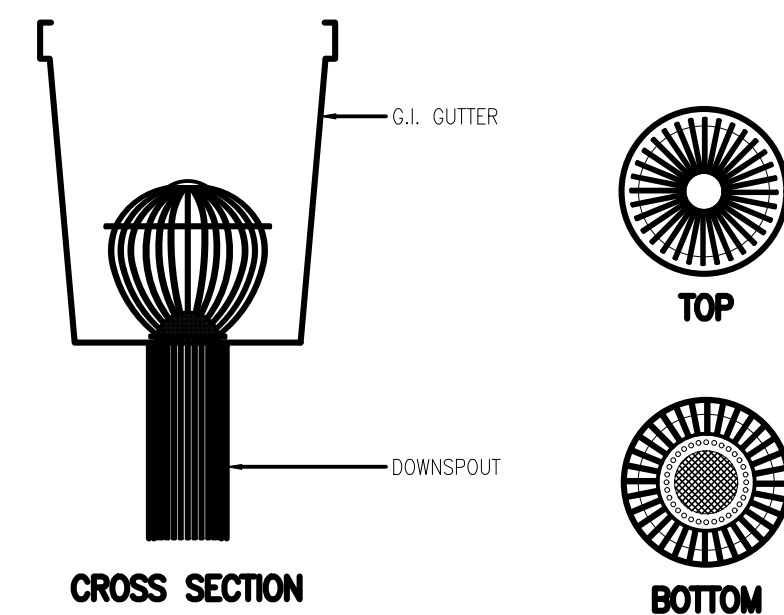
6 DECK DRAIN DETAIL
P-05 SCALE NTS



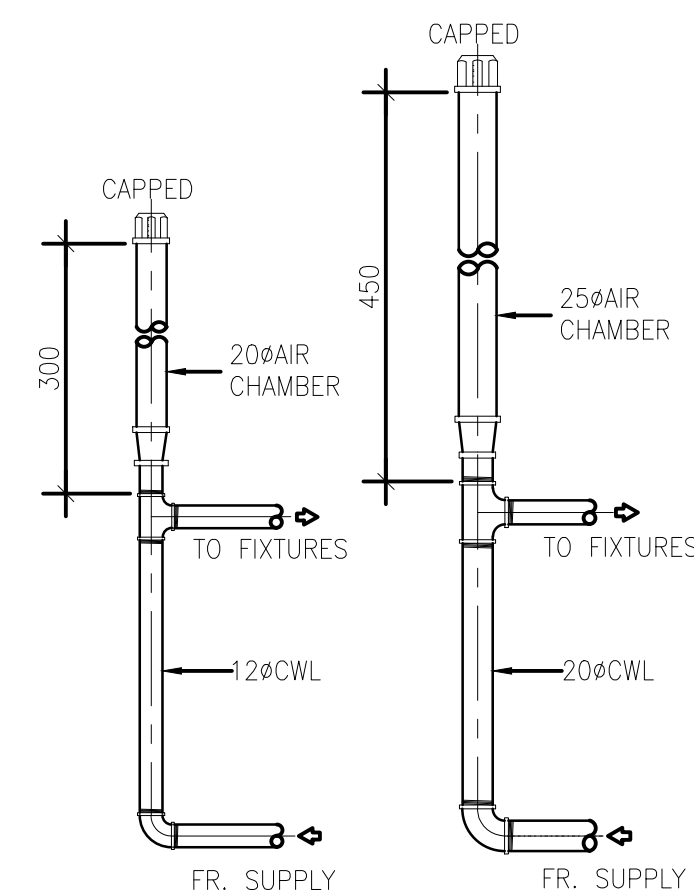
3 CATCH BASIN DETAIL
P-05 SCALE NTS



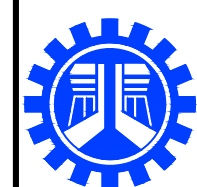
7 FLOOR/SHOWER DRAIN DETAIL
P-05 SCALE NTS



4 GUTTER DRAIN DETAIL
P-05 SCALE NTS



8 AIR CHAMBER DETAIL
P-05 SCALE NTS



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BARANGAY MANGHINAO PROPER, BAJAN, BATANGAS

CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
ENGINEER II (JO)
DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
ENGINEER II
DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF, PLANNING & DESIGN SECTION
DATE :

RECOMMENDED :

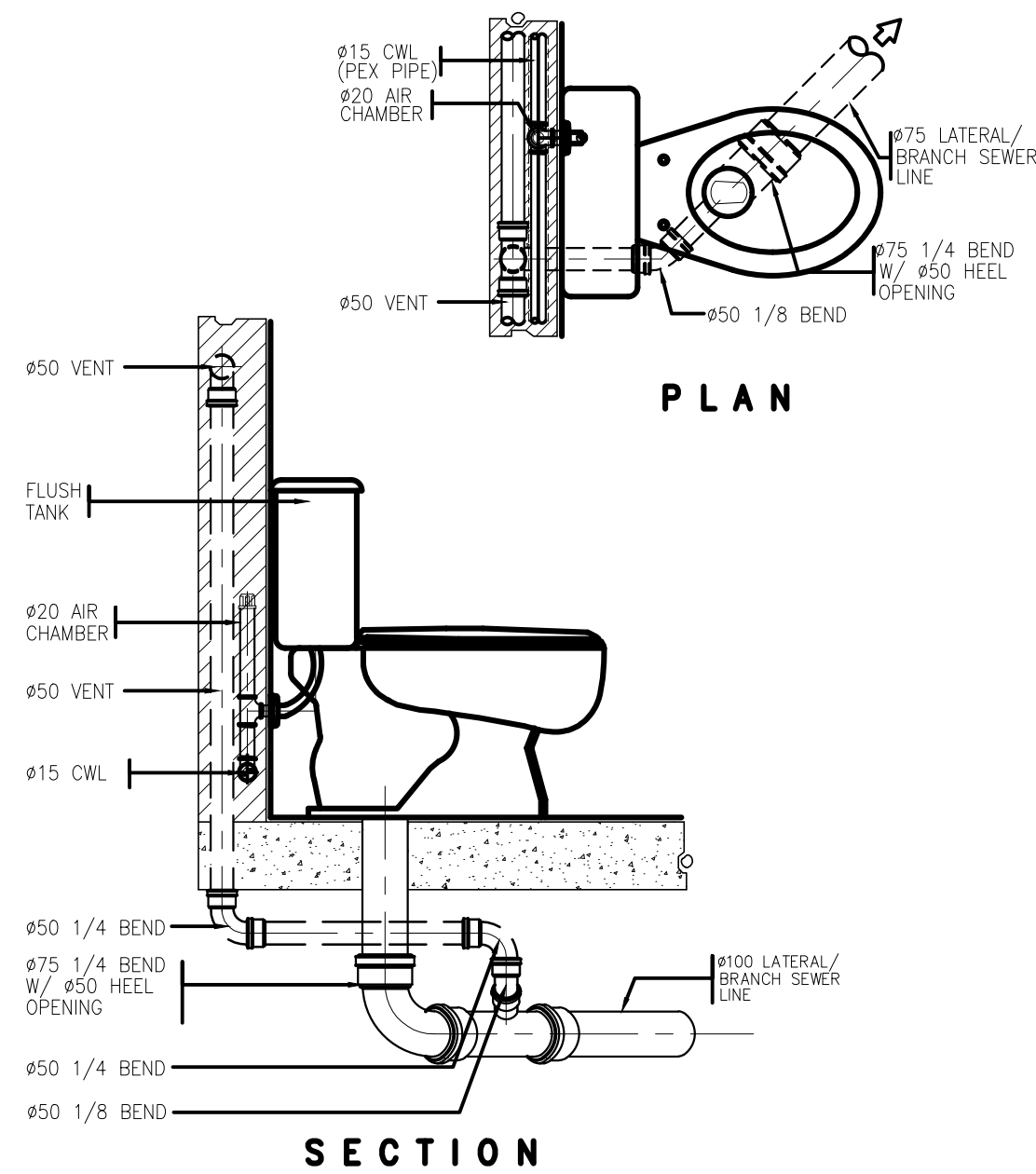
ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER
DATE :

APPROVED :

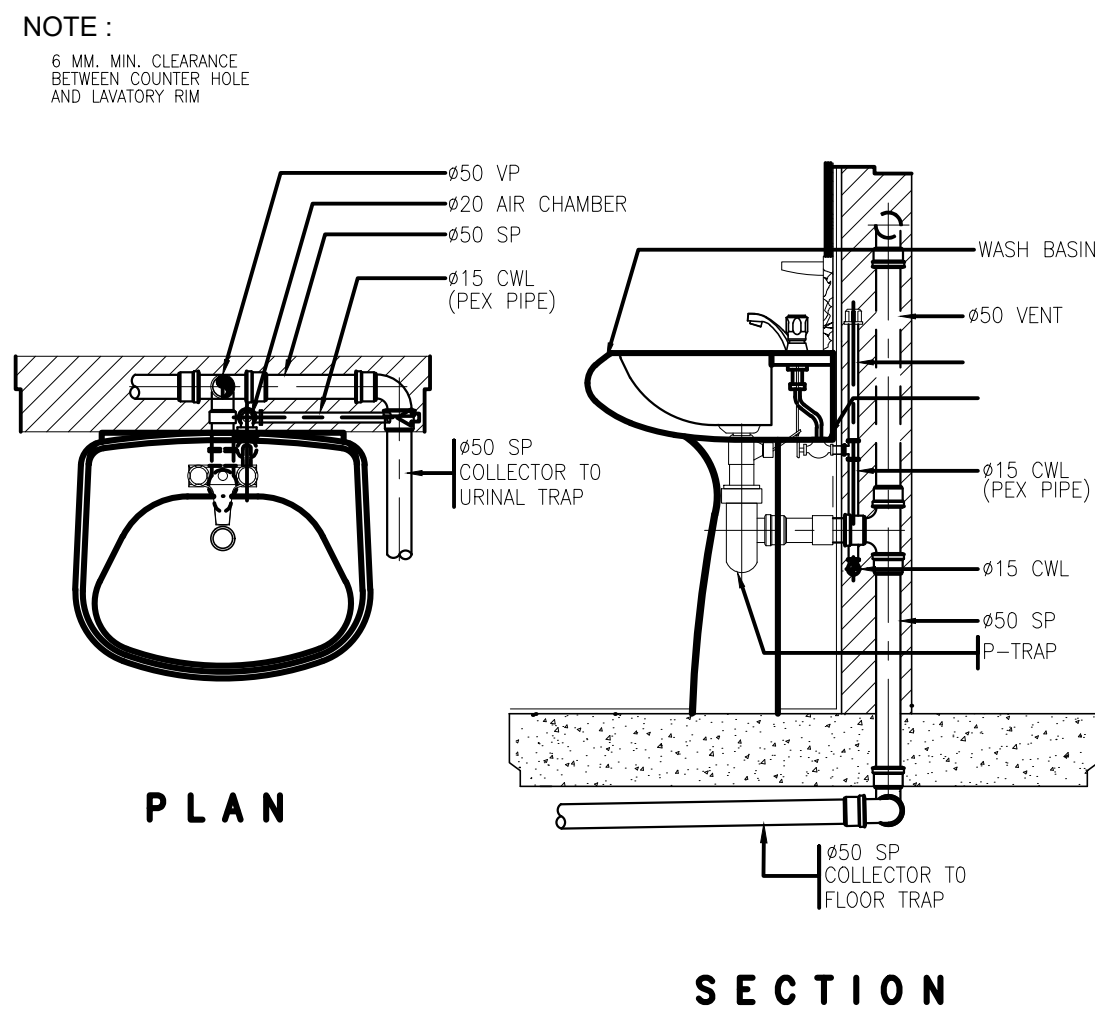
SONIA D. PAGLICAUAN
DISTRICT ENGINEER
DATE :

CHECKED, SIGNED & SEALED BY :	
SANITARY ENGINEER	
PRC No.	PTR No.
Date Issued:	Place issued:

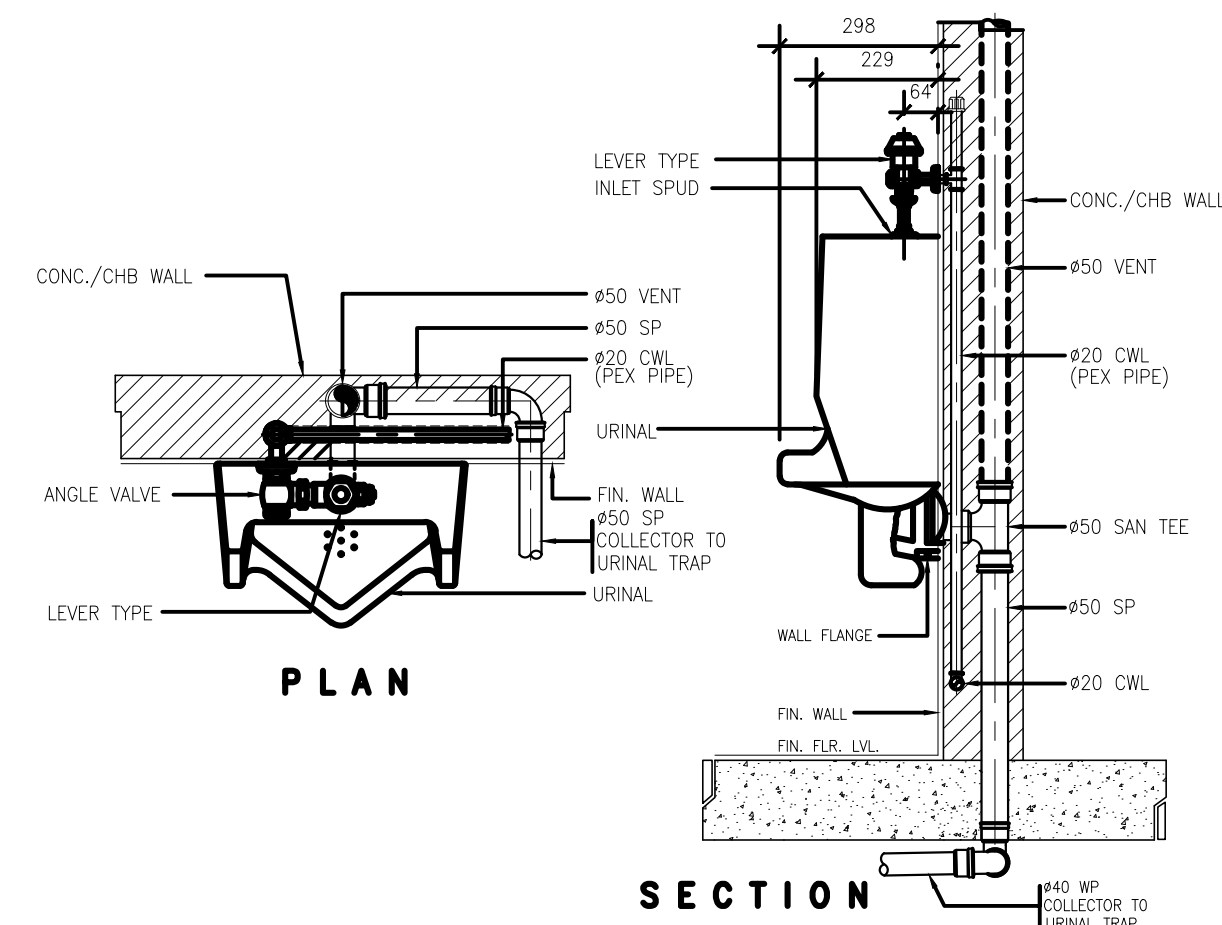
SHEET CONTENT :	SHEET NO.:
MISCELLANEOUS DETAILS	P-05



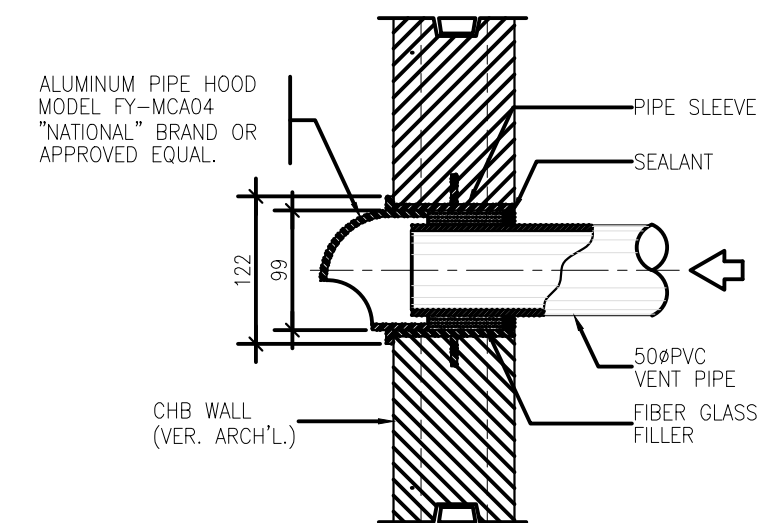
1 WATER CLOSET DETAIL
P-06 SCALE NTS



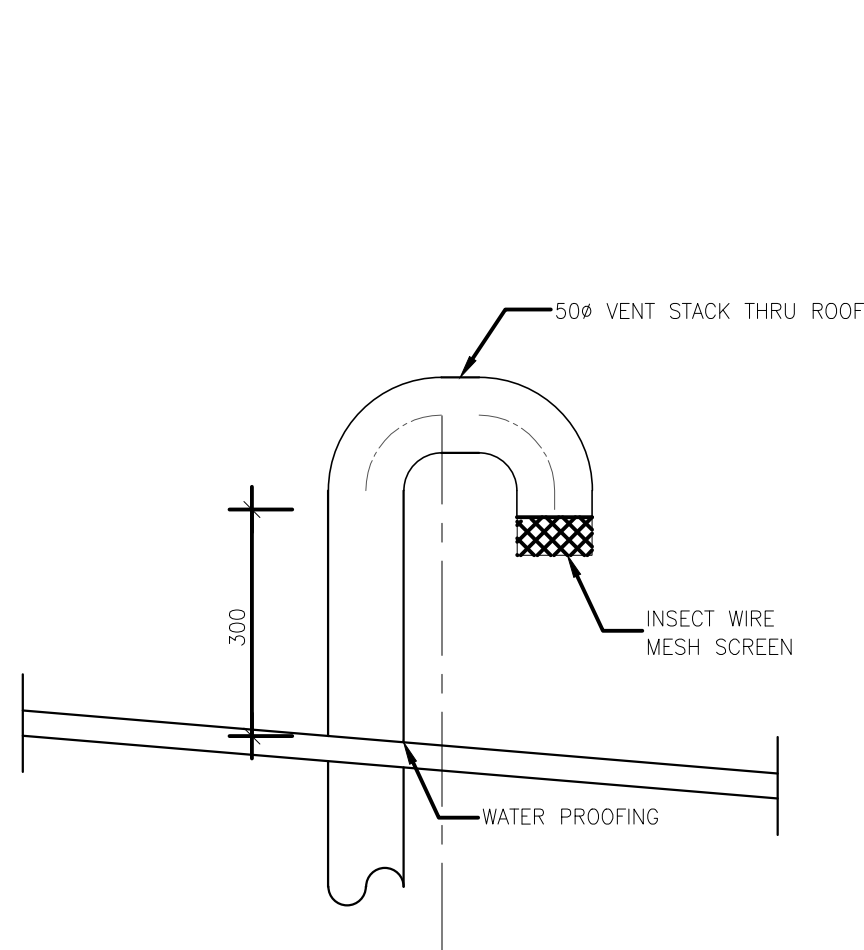
2 LAVATORY DETAIL
P-06 SCALE NTS



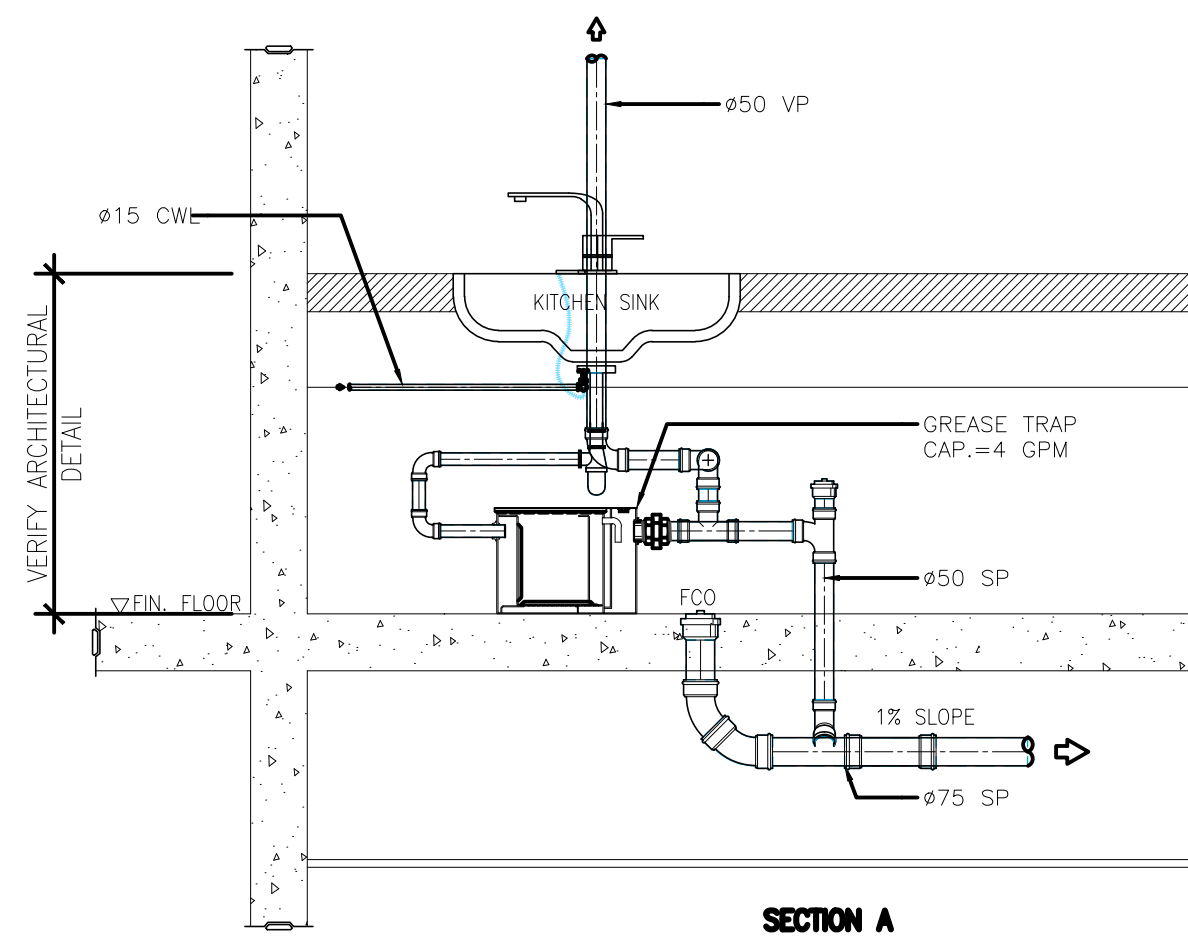
3 URINAL DETAIL
P-06 SCALE NTS



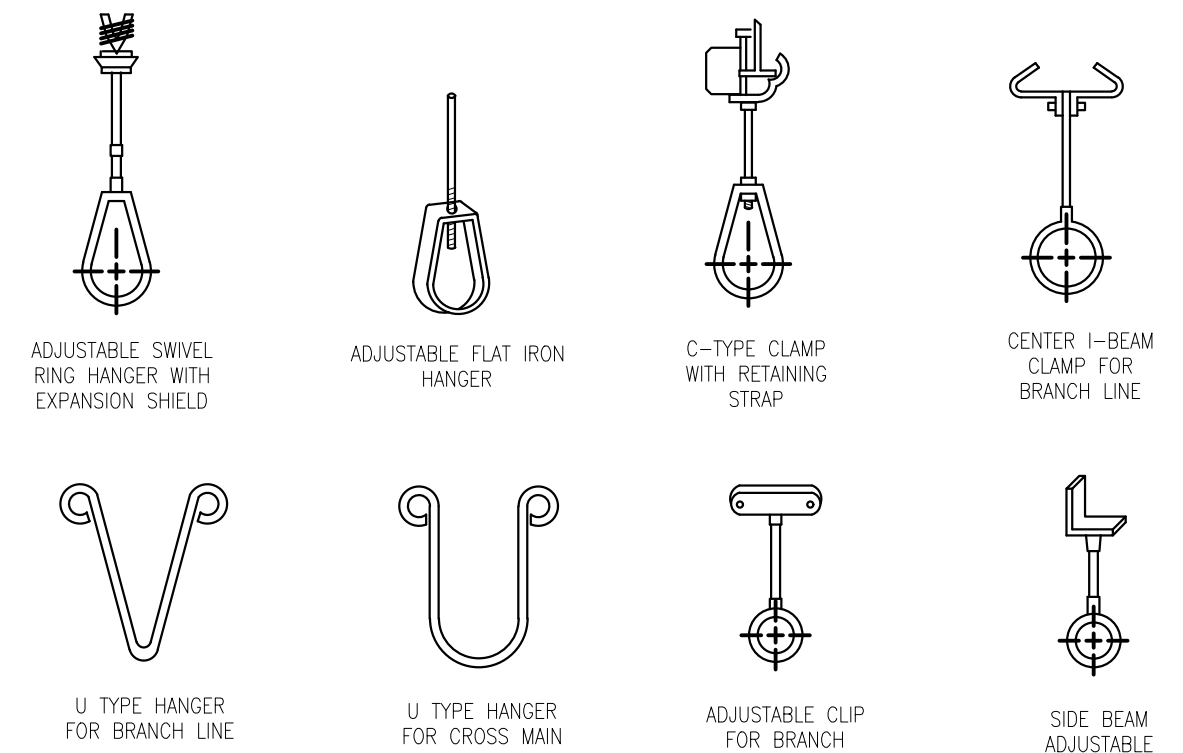
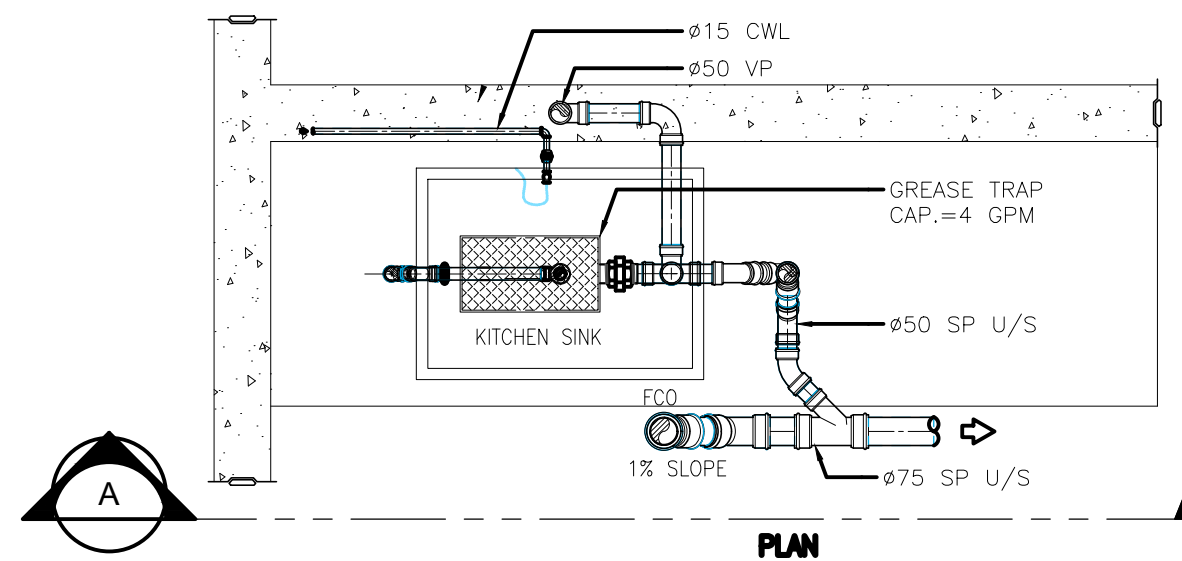
4 VENT STACK THRU WALL DETAIL
P-06 SCALE NTS



5 VENT STACK THRU ROOF DETAIL
P-06 SCALE NTS

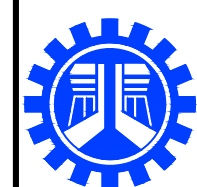


6 KITCHEN SINK DETAIL
P-06 SCALE NTS



7 PIPE HANGER DETAIL
P-06 SCALE NTS

CHECKED, SIGNED & SEALED BY :	
SANITARY ENGINEER	
PRC No.	PTR No.
Date Issued:	Place issued:



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. IV-A
BATANGAS 2ND DISTRICT ENGINEERING OFFICE
KUMINTANG ILAYA, BATANGAS CITY

PROJECT TITLE / LOCATION :
CY 2025 PROJECT
CONVERGENCE AND SPECIAL SUPPORT PROGRAM,
BASIC INFRASTRUCTURE PROGRAM (BIP),
MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES,
CONSTRUCTION OF MULTI-PURPOSE BUILDINGS,
BARANGAY MANGHINAO PROPER, BAUAN, BATANGAS

CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
ENGINEER II (JO)
DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
ENGINEER II
DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF, PLANNING & DESIGN SECTION
DATE :

RECOMMENDED :

ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER
DATE :

APPROVED :

SONIA D. PAGLICAUAN
DISTRICT ENGINEER
DATE :

SHEET CONTENT :
COLD WATER LINE LAYOUT PLAN
SHEET NO.:
P-06

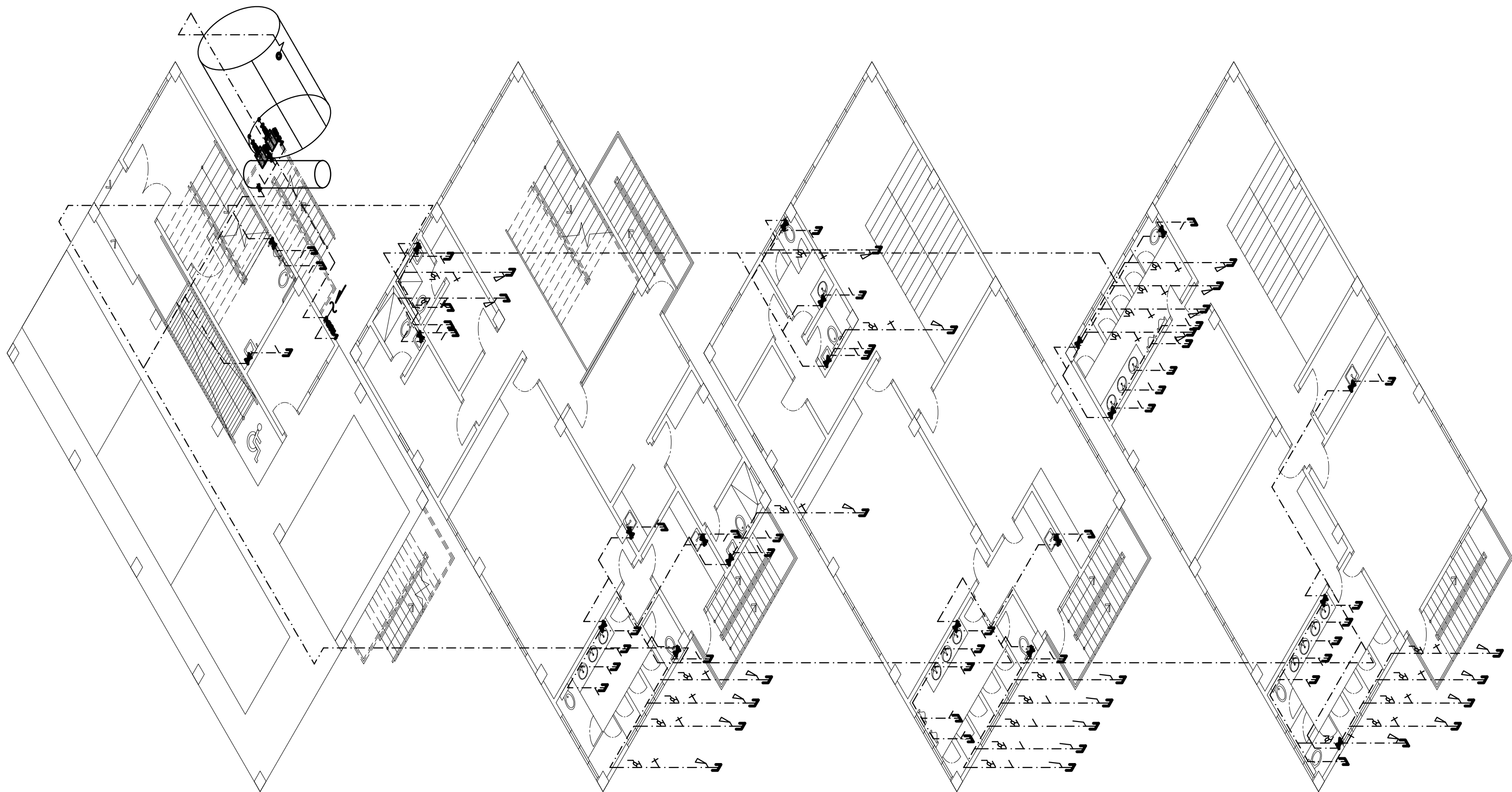
1

P-07

SCALE

COLD WATER LINE ISOMETRIC PLAN

NTS



CHECKED ,SIGNED & SEALED BY :	
SANITARY ENGINEER	
PRC No.	PTR No.
Date Issued:	Place issued:

	PROJECT TITLE / LOCATION : CY 2025 PROJECT CONVERGENCE AND SPECIAL SUPPORT PROGRAM, BASIC INFRASTRUCTURE PROGRAM (BIP), MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES, CONSTRUCTION OF MULTI-PURPOSE BUILDINGS, BARANGAY MANGHINAO PROPER, BAUAN, BATANGAS	CAD AND DESIGNED BY: PAUL BRIAN C. HORNILLA ENGINEER II (JO) DATE :	CHECKED BY: KIM BRYAN B. BAGOS ENGINEER II DATE :	REVIEWED & SUBMITTED : GEMMA L. OLAN CHIEF, PLANNING & DESIGN SECTION DATE :	RECOMMENDED : ARIEL V. ARMEDILLA ASSISTANT DISTRICT ENGINEER DATE :	APPROVED : SONIA D. PAGLICAUAN DISTRICT ENGINEER DATE :	SHEET CONTENT :	SHEET NO.:
							COLD WATER LINE ISOMETRIC PLAN	P-07

GENERAL NOTES :

1. ALL PORTABLE FIRE EXTINGUISHER (PFE) SHALL BE "ABC" TYPE DRY CHEMICAL UNLESS OTHERWISE SPECIFIED (INSIDE FIRE HOSE CABINETS & COMMON AREAS.)
2. ALL ELECTRICAL, MECHANICAL, AHU ROOMS TO BE PROVIDED WITH 10 LBS. CO2 TYPE PORTABLE FIRE EXTINGUISHER.

MATERIAL SPECIFICATIONS :

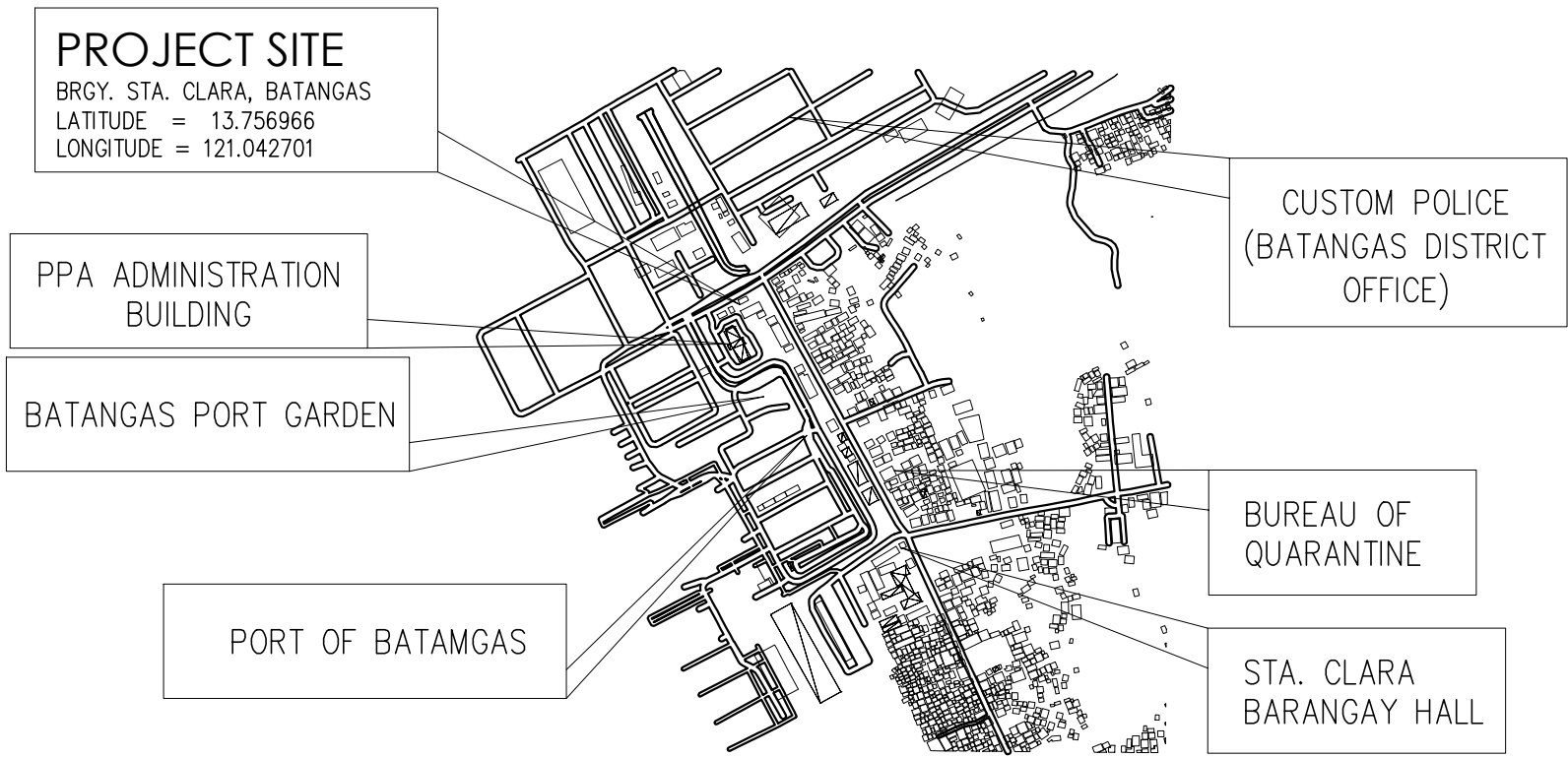
- FIRE LINES

SHALL BE BLACK IRON (B.I.) PIPES
SCHEDULE 40 "STANDARD" CONFORMING TO ASTM
A-120-1980 "SUPREME, SUPERIOR RNW" BRAND
OR APPROVED EQUIVALENT.
- GATE VALVES

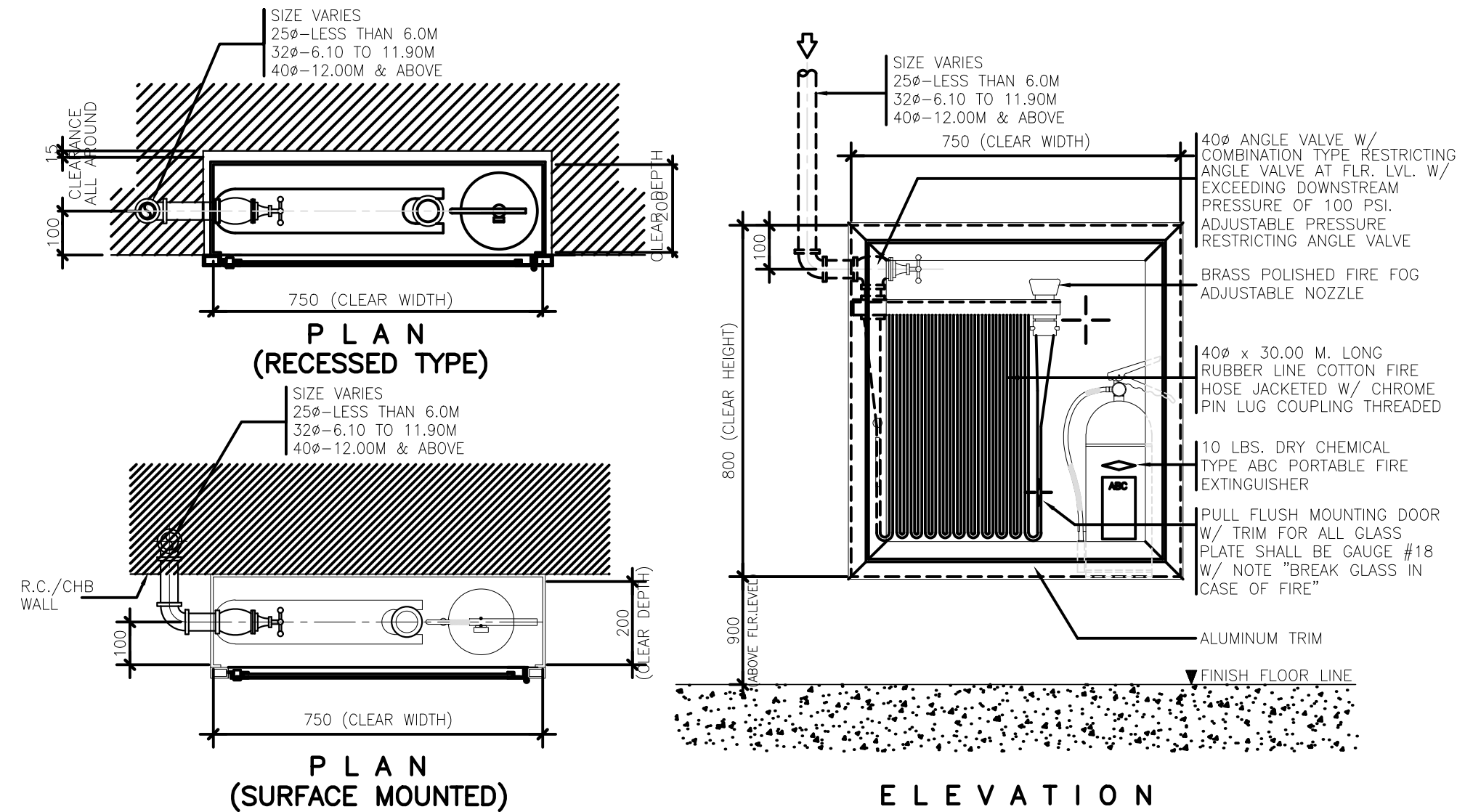
GATE VALVES SHALL BE OUTSIDE SCREW AND YOKE (OS & Y)
TO ASTM B-62 CHECK AND GLOBE VALVES TO ASTM B-62.

LEGEND :

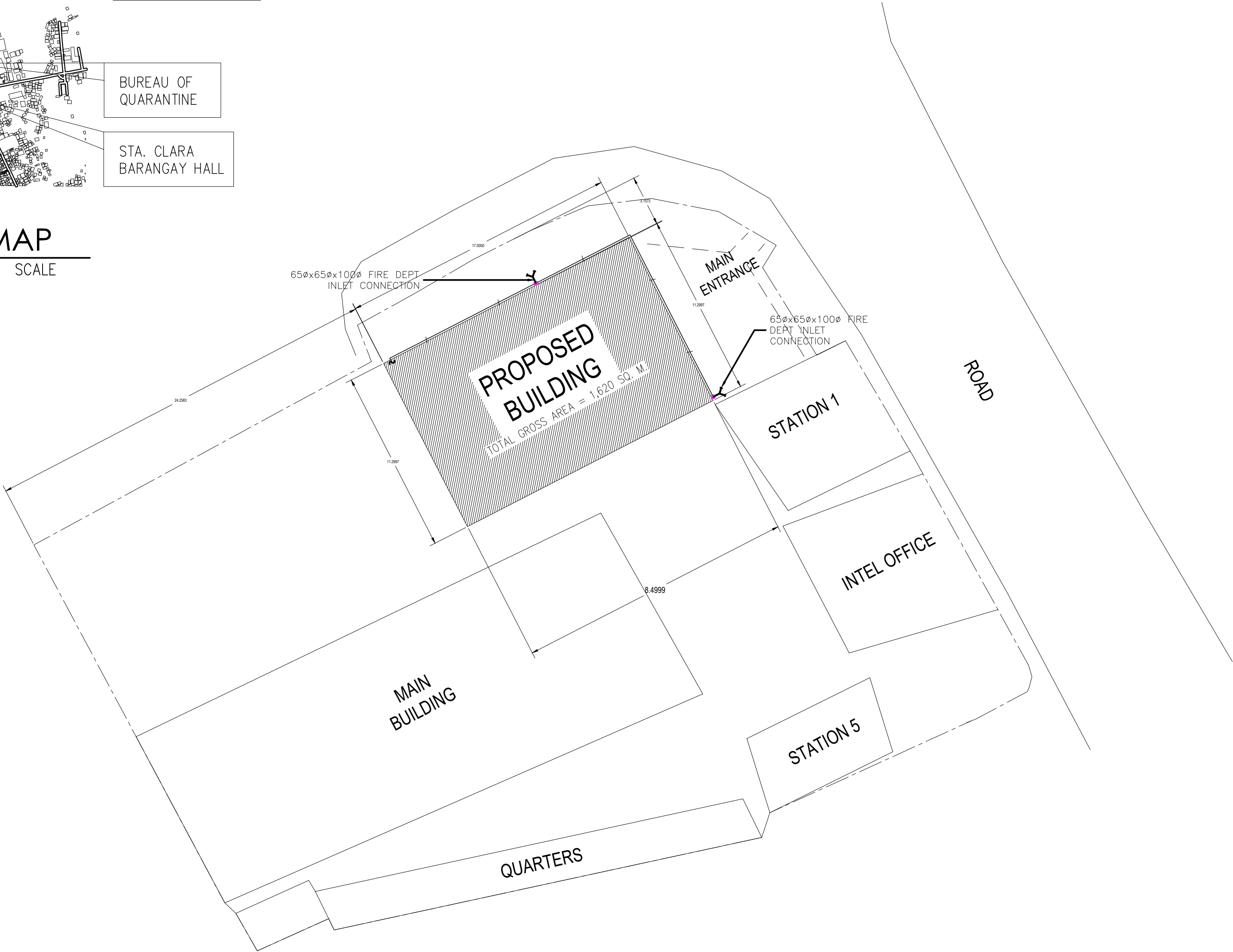
- DRY STANDPIPE RISER
- FIRE HOSE CABINET
- (10 LBS) FE-36 PORTABLE FIRE EXTINGUISHER
- 2-WAY SIAMESE TWIN ROOF OUTLET
- 2-WAY SIAMESE TWIN FDC INLET



2 VICINITY MAP
F-01 NOT TO SCALE



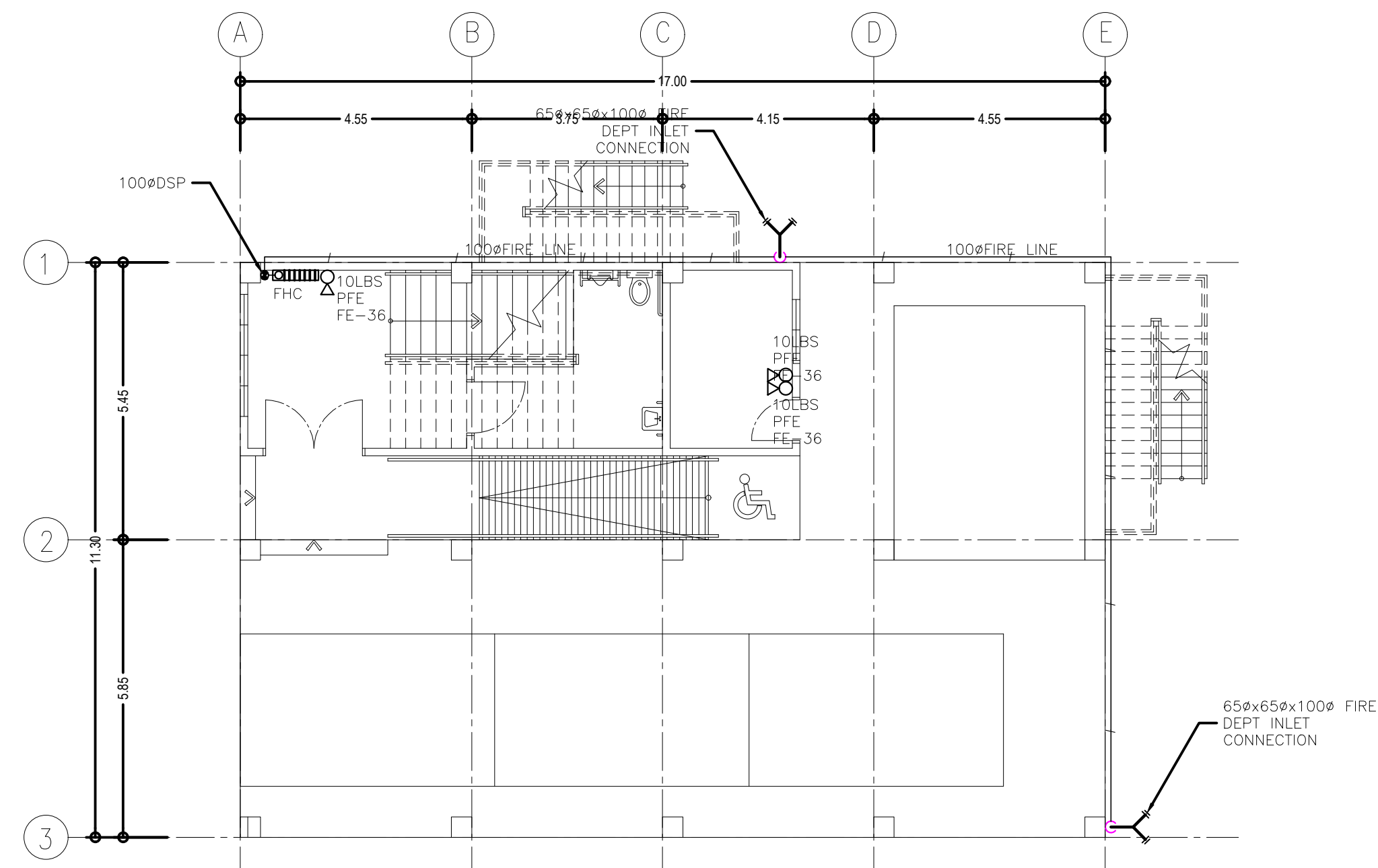
1 FIRE HOSE CABINET DETAIL
F-01 SCALE NTS



2 SITE DEVELOPMENT PLAN
F-01 SCALE 1:200 MTS.

CHECKED, SIGNED & SEALED BY :	
PROFESSIONAL MECHANICAL ENGINEER	
PRC No.	PTR No.
Date Issued:	Place issued:

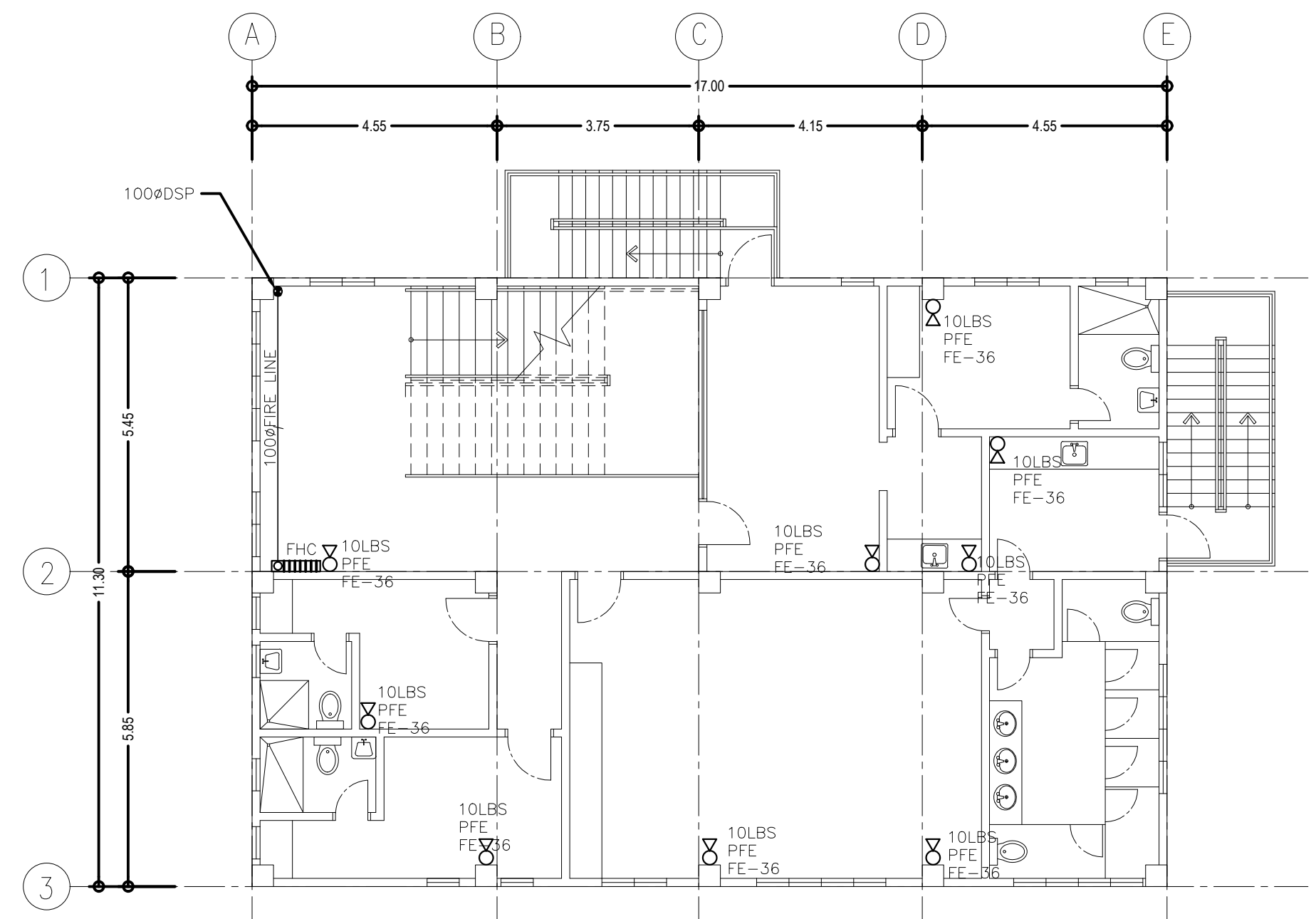
	PROJECT TITLE / LOCATION :	CAD AND DESIGNED BY:	CHECKED BY:	REVIEWED & SUBMITTED :	RECOMMENDED :	APPROVED :	SHEET CONTENT :	SHEET NO.:
	CY 2025 PROJECT CONVERGENCE AND SPECIAL SUPPORT PROGRAM, BASIC INFRASTRUCTURE PROGRAM (BIP), MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES, CONSTRUCTION/IMPROVEMENT OF MULTI-PURPOSE BUILDINGS (LIVING QUARTERS) OF PHILIPPINE COAST GUARD SOUTHERN TAGALOG, BARANGAY STA. CLARA, BATANGAS CITY	PAUL BRIAN C. HORNILLA ENGINEER II (JO)	KIM BRYAN B. BAGOS ENGINEER II	GEMMA L. OLAN CHIEF, PLANNING & DESIGN SECTION	ARIEL V. ARMEDILLA ASSISTANT DISTRICT ENGINEER	SONIA D. PAGLICAUAN DISTRICT ENGINEER	FIRE PROTECTION GENERAL NOTES MATERIAL SPECIFICATIONS LEGEND VICINITY MAP SITE DEVELOPMENT PLAN MISCELLANEOUS DETAILS	F-01
	DATE :	DATE :	DATE :	DATE :	DATE :	DATE :		



1
F-02

FIRE PROTECTION LAYOUT OF
GROUND FLOOR PLAN

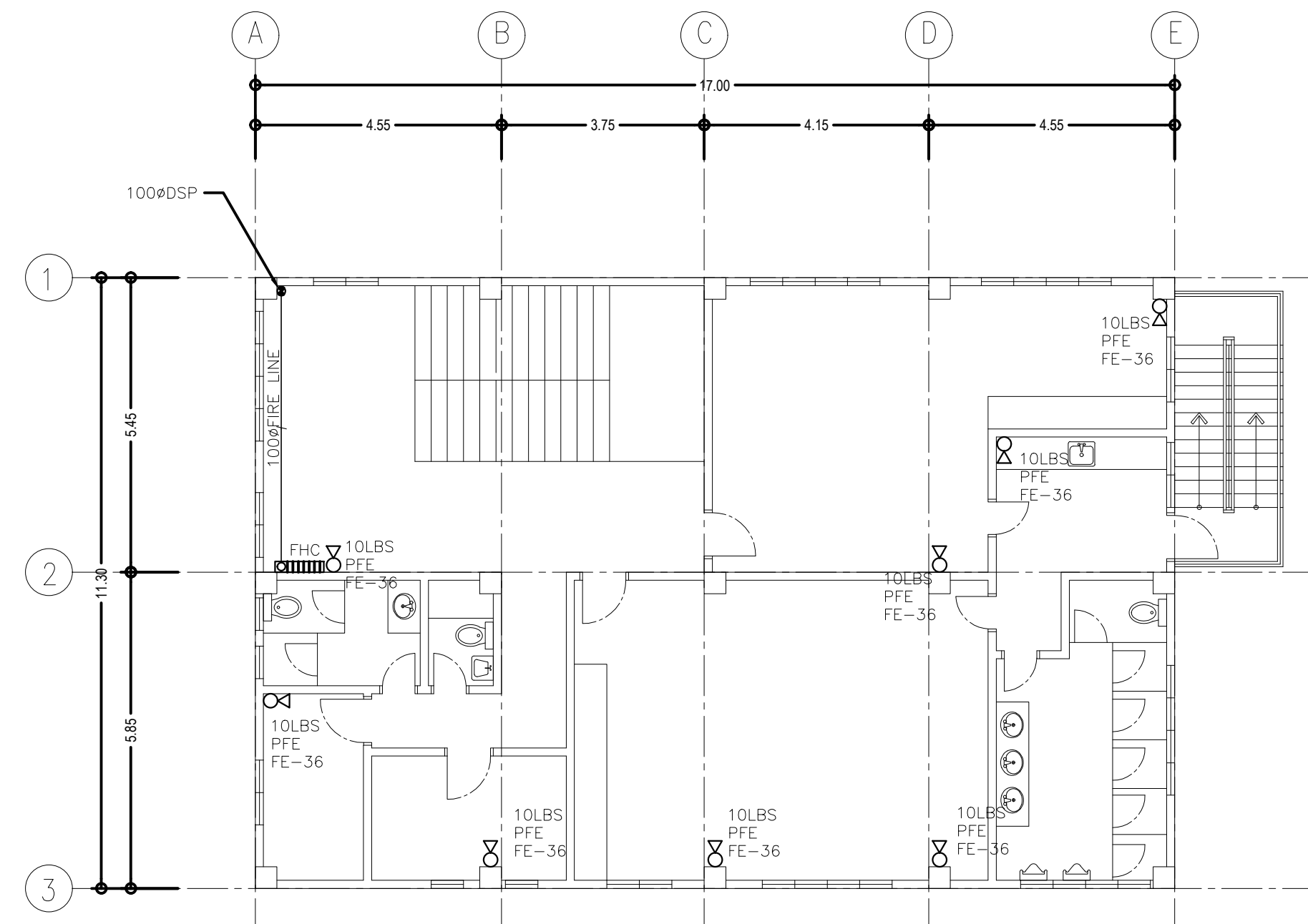
SCALE 1:100 MTS.



2
F-02

FIRE PROTECTION LAYOUT OF
SECOND FLOOR PLAN

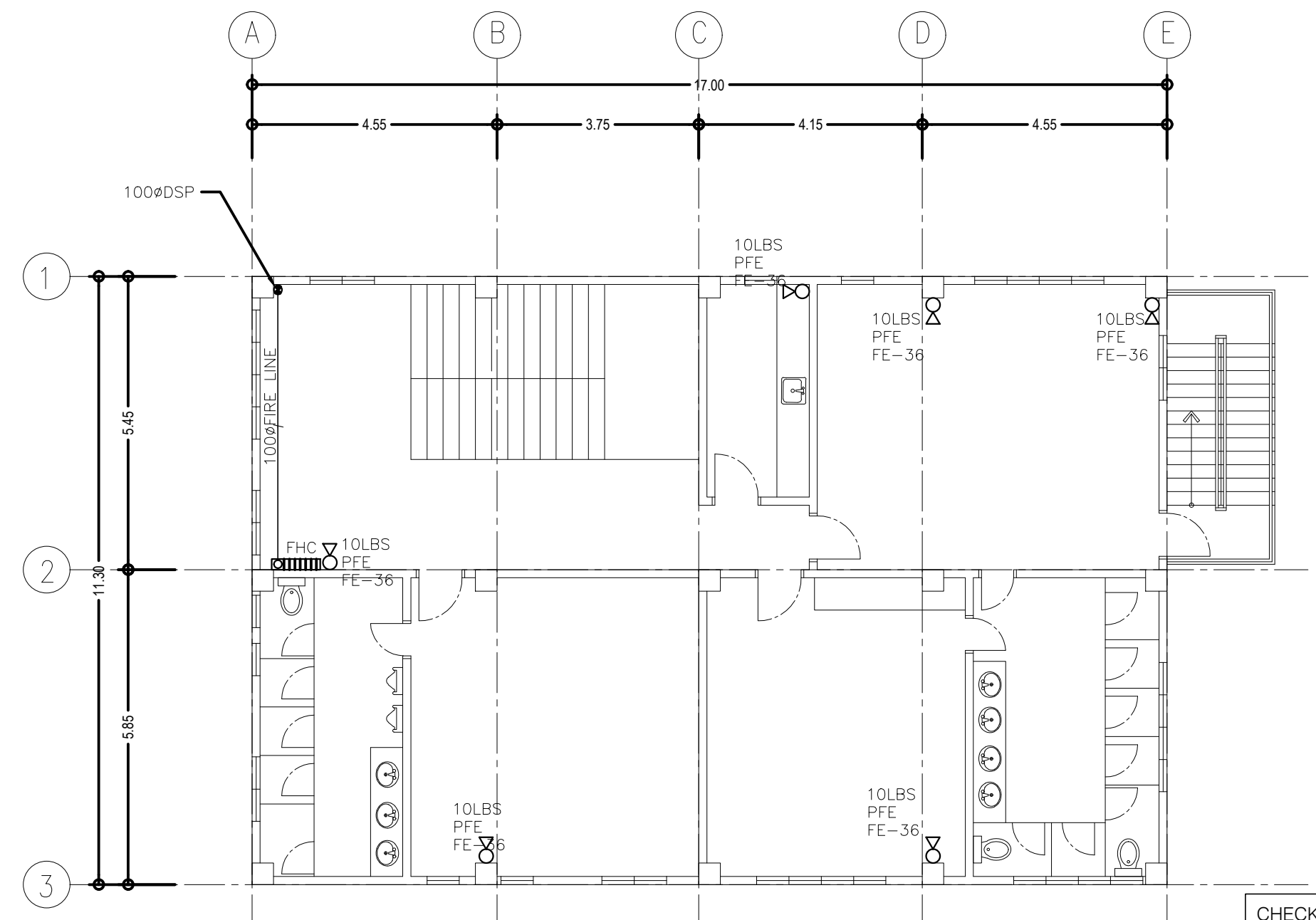
SCALE 1:100 MTS.



3
F-02

FIRE PROTECTION LAYOUT OF
THIRD FLOOR PLAN

SCALE 1:100 MTS.



4
F-02

FIRE PROTECTION LAYOUT OF
FOURTH FLOOR PLAN

SCALE 1:100 MTS.

CHECKED, SIGNED & SEALED BY :

PROFESSIONAL MECHANICAL ENGINEER

PRC No.

PTR No.

Date Issued:

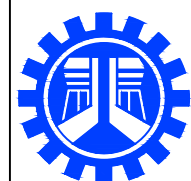
Place issued:

SHEET CONTENT :

FIRE PROTECTION LAYOUT PLAN

SHEET NO.:

F-02



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. IV-A
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BASIC INFRASTRUCTURE PROGRAM (BIP),
MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES,
CONSTRUCTION/IMPROVEMENT OF MULTI-PURPOSE BUILDINGS
(LIVING QUARTERS) OF PHILIPPINE COAST GUARD SOUTHERN TAGALOG,
BARANGAY STA. CLARA, BATANGAS CITY

CAD AND DESIGNED BY:

PAUL BRIAN C. HORNILLA
ENGINEER II (JO)

DATE :

CHECKED BY:

KIM BRYAN B. BAGOS
ENGINEER II

DATE :

REVIEWED & SUBMITTED :

GEMMA L. OLAN
CHIEF, PLANNING & DESIGN SECTION

DATE :

RECOMMENDED :

ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER

DATE :

APPROVED :

SONIA D. PAGLICAUAN
DISTRICT ENGINEER

DATE :



PIPE SIZE "D" (MM)	ROD DIA. "R" (MM)	B	C	A MAX.	W x T	K x L
50	9.65	111.12	143	69.30	25 x 3	M10 x 85
75	12.7	105.0	165.1	30.23	40 x 6	M12 x 115
100	15.9	133.35	40	33.27	40 x 6	M12 x 130
150	19.1	176.12	267	50.00	40 x 6	M16 x 190



SCALE	NTS
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2. MINIMUM CLEARANCE BETWEEN PIPE AND SLEEVES SHALL NOT BE LESS THAN 25MM FOR PIPE 25MM THROUGH 75MM & 40MM FOR PIPE SIZE 100MM AND LARGER FLOOR SLEEVES SHALL BE EXTENDED AT LEAST 75MM ABOVE THE TOP OF THE WEARING SURFACE.



SIAMESE TWIN DETAIL

PROJECT TITLE / LOCATION :
CY 2025 PROJECT CONVERGENCE AND SPECIAL SUPPORT PROGRAM, BASIC INFRASTRUCTURE PROGRAM (BIP), MULTI-PURPOSE BUILDINGS/FACILITIES TO SUPPORT SOCIAL SERVICES CONSTRUCTION OF MULTI-PURPOSE BUILDINGS, BARANGAY MANGHINAO PROPER, BAUAN, BATANGAS

CHECKED BY:

KIM BRYAN B. BAGOS

ENGINEER II

DATE :

RECOMMENDED :

ARIEL V. ARMEDILLA
ASSISTANT DISTRICT ENGINEER

DATE :

CHECKED ,SIGNED & SEALED BY :	
PROFESSIONAL MECHANICAL ENGINEER	
PRC No.	PTR No.
Date Issued:	Place issued:

SHEET CONTENT :	SHEET NO.:
FIRE PROTECTION LAYOUT PLAN MISCELLANEOUS DETAILS	

-03)