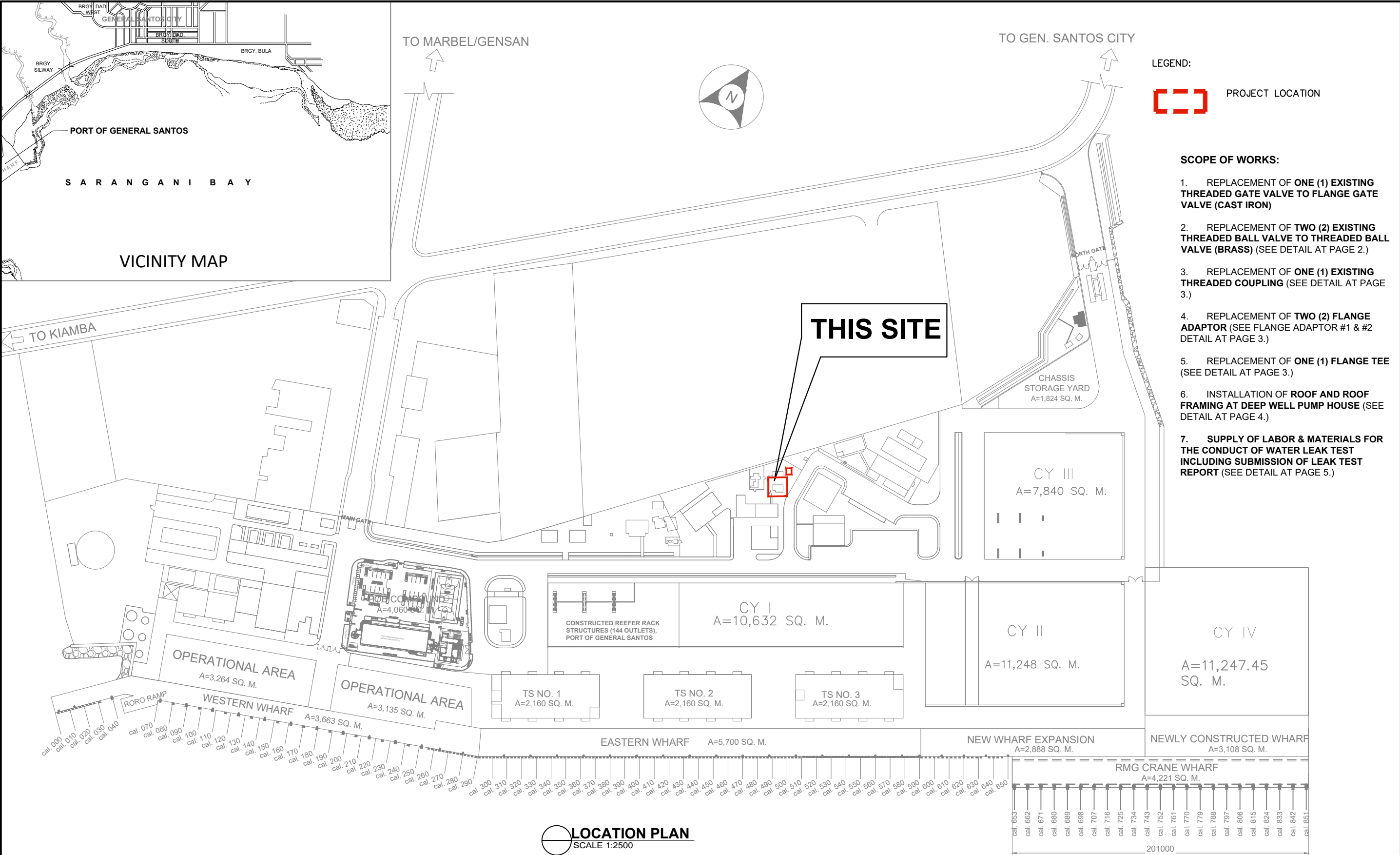




	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	DATE:
	EMERGENCY MAINTENANCE OF ELEVATED WATER TANK CAUSED BY 7.8 MAGNITUDE EARTHQUAKE ON JUNE 8, 2026	 JOSE CARLITO Y. BRIONES JR. DRAFTSMAN II (COS)	 RYAN L. BADAJOS SENIOR ENGINEER A	 MARIA VIVIEN M. TANCO PRINCIPAL ENGINEER A	 EDEL PETER L. DE LA ROSA ACTING ESD MANAGER	 ATTY. CESAR M. DATAYA PORT MANAGER	1. LOCATION PLAN	1/5
	LOCATION							
	PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY							

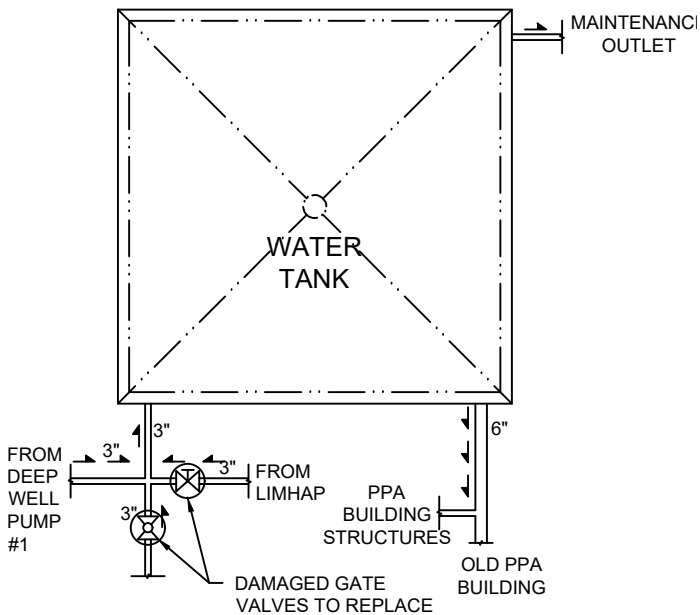
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LEGEND:

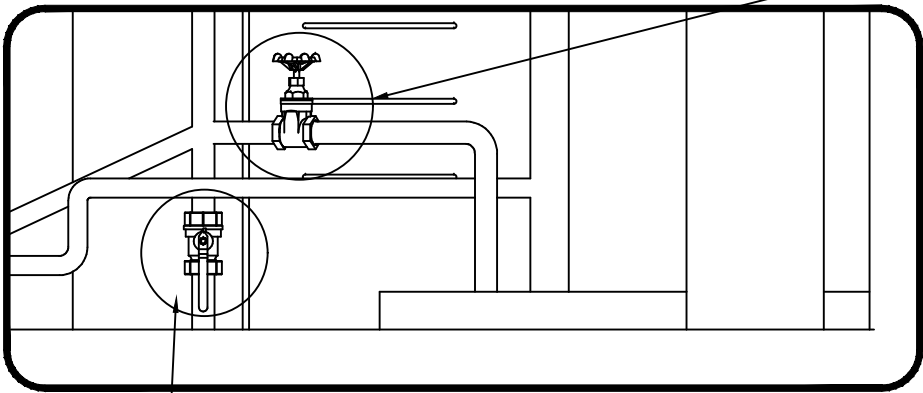
-  GATE VALVE
-  BALL VALVE
-  FLOW DIRECTION

NOTE:

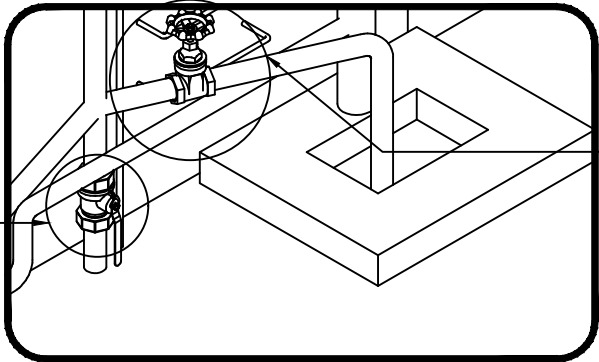
1. VERIFY ALL DIMENSIONS AND EXISTING SITE CONDITIONS PRIOR TO FABRICATION AND INSTALLATION.
2. ALL MATERIALS SHALL CONFORM TO THE APPROVED PLANS, SPECIFICATIONS, AND APPLICABLE STANDARDS.
3. GATE VALVE VALVE SHALL BE **3 IN. DIAMETER, CLASS 600, RF ENDS, HANDWHEEL OPERATED, OS&Y, BOLTED BONNET**, UNLESS OTHERWISE SPECIFIED.
4. COUPLINGS SHALL BE OF THE SAME NOMINAL PIPE SIZE AS THE EXISTING PIPELINE AND COMPATIBLE WITH THE PIPE MATERIAL AND PRESSURE RATING.
5. REMOVE THE EXISTING DAMAGED VALVE, COUPLING, AND ASSOCIATED FITTINGS WITH CARE TO AVOID DAMAGE TO ADJACENT PIPING AND STRUCTURES.
6. CUT EXISTING PIPE ONLY AS REQUIRED TO FACILITATE REMOVAL AND INSTALLATION OF NEW COMPONENTS.
7. ALIGN VALVE, COUPLING, AND PIPING PROPERLY BEFORE TIGHTENING, WELDING, OR THREADING CONNECTIONS.
8. FOR THREADED CONNECTIONS, APPLY APPROVED THREAD SEALANT OR PTFE TAPE TO ALL MALE THREADS.
9. WELDING WORKS SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH APPLICABLE WELDING PROCEDURES.
10. AFTER INSTALLATION, CONDUCT A HYDROSTATIC OR LEAKAGE TEST AT THE SPECIFIED TEST PRESSURE AND VERIFY THAT ALL JOINTS ARE WATERTIGHT.
11. CLEAN, PRIME, AND APPLY PROTECTIVE COATING TO ALL EXPOSED STEEL SURFACES DAMAGED DURING INSTALLATION.
12. UPON COMPLETION, OPERATE THE GATE VALVE THROUGH ITS FULL OPEN AND CLOSED POSITIONS TO ENSURE PROPER FUNCTIONING.
13. CONTRACTOR SHALL REMOVE DEBRIS AND RESTORE THE WORK AREA TO ITS ORIGINAL CONDITION UPON COMPLETION OF THE WORK.



ELEVATED WATER TANK PLAN
1:100



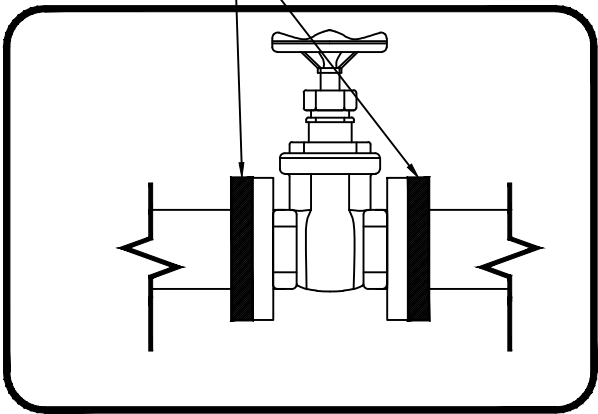
DETAIL A FRONT ELEVATION
1:30



DETAIL A ISOMETRIC VIEW
1:30

EXISTING THREADED 3"Ø GATE VALVE TO BE REPLACED WITH 3"Ø GATE VALVES FLANGE TYPE WITH RUBBER SEAL (CAST IRON)

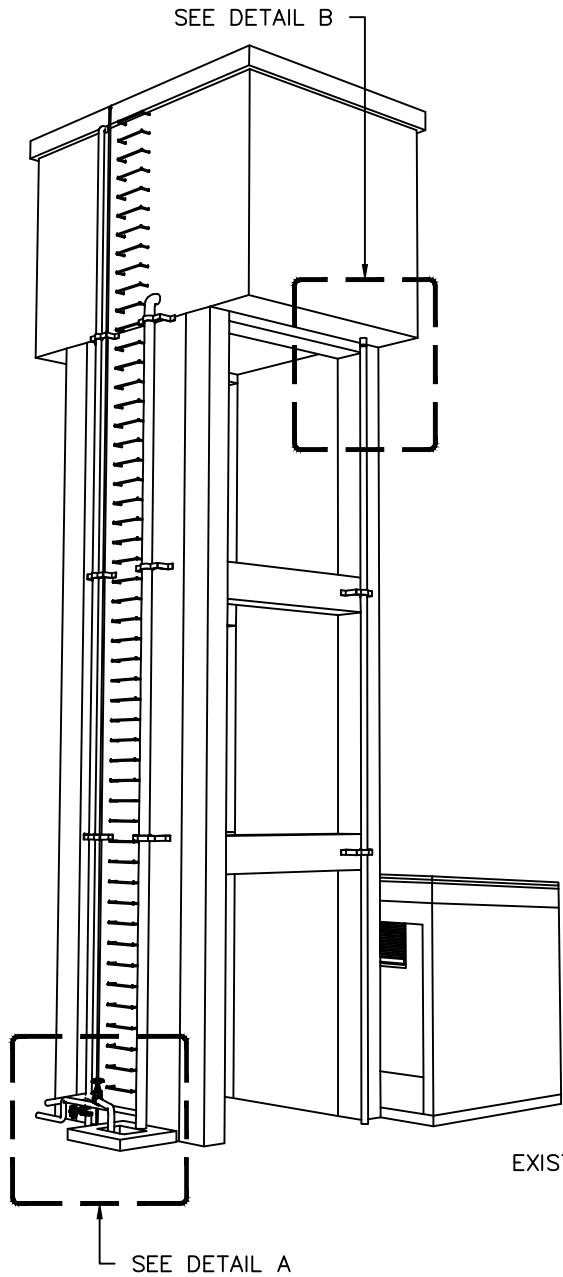
FLANGE PROVIDED BY THE CONTRACTOR



GATE VALVE DETAIL
1:30

NOTE:

1. PROVIDE FLANGES TO MATCH EXISTING DIMENSIONS (THICKNESS, NUMBER OF BOLT AND HOLE DIMENSION) COMPATIBLE WITH THE SUPPLIED FLANGED GATE VALVE. ALSO PROVIDE AND INSTALL NEW FULL-FACE RUBBER GASKET AND BOLTS/NUTS.
2. PERFORM LEAK TEST.



PERSPECTIVE
NTS



PROJECT TITLE	EMERGENCY MAINTENANCE OF ELEVATED WATER TANK CAUSED BY 7.8 MAGNITUDE EARTHQUAKE ON JUNE 8, 2026
LOCATION	PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY

PREPARED BY:	JOSE CARLITO Y. BRIONES JR. DRAFTSMAN II (COS)
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CHECKED BY:	RYAN L. BADAJOS SENIOR ENGINEER A
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REVIEWED BY:	MARIA VIVIEN M. TANCO PRINCIPAL ENGINEER A
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RECOMMENDING APPROVAL:	EDELPETER L. DE LA ROSA ACTING ESD MANAGER
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APPROVED BY:	ATTY. CESAR M. DATAYA PORT MANAGER
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SHEET CONTENT:	1. PERSPECTIVE 2. DETAIL A FRONT ELEVATION 3. DETAIL A ISOMETRIC VIEW 4. ELEVATED WATER TANK PLAN 5. GATE VALVE DETAIL
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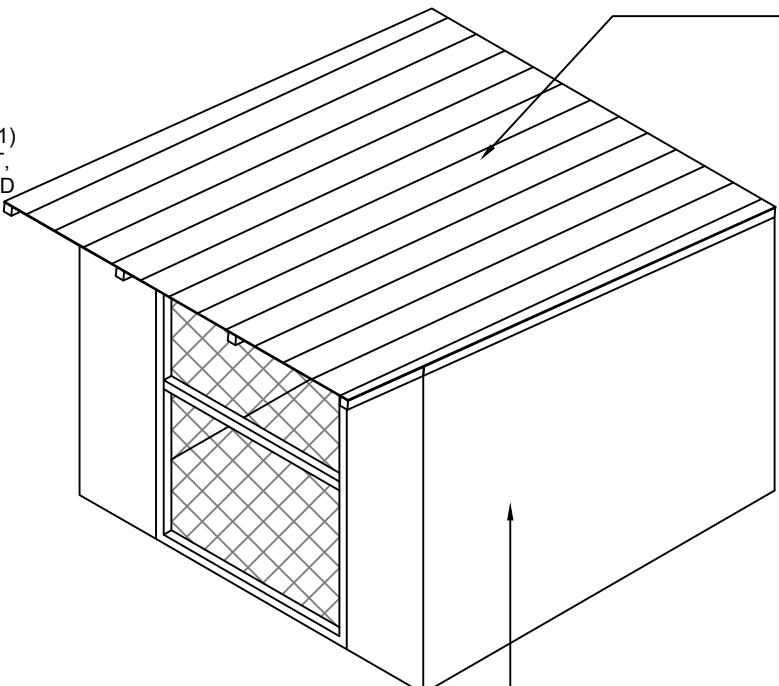
DATE:	2/5
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NOTE ON PAINTING WORKS:

1. PREPARE THE SURFACE FOR REPAINTING
2. FOR CONCRETE, APPLY ONE(1) COAT OF CONCRETE PRIMER PAINT, TWO(2) TOP COAT OF WATER-BASED PAINT.
3. FOR METAL, APPLY ONE(1) COAT OF WATER-BASED ACRYLIC METAL PRIMER, TWO(2) COAT OF WATER-BASED ACRYLIC EPOXY PAINT.
4. COLOR SUBJECT FOR PPA'S APPROVAL



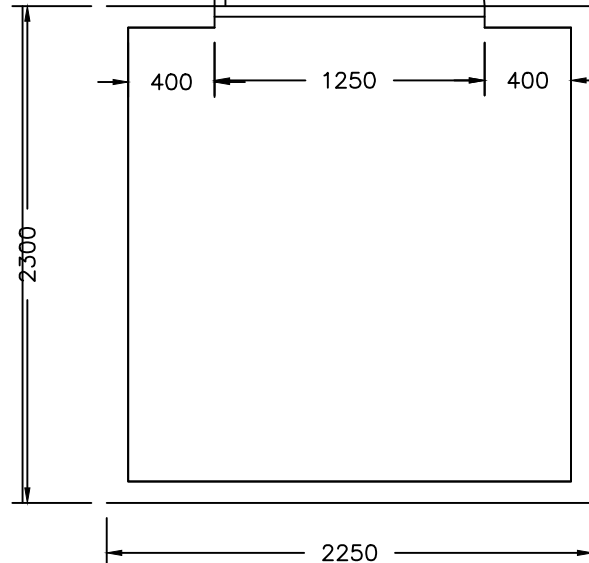
ISOMETRIC VIEW
NTS

ROOFING AND STEEL COMPONENT TO BE REPLACED WITH PRE-PAINTED GA. 26 RIB-TYPE G.I. ROOFING AND 50MM X 50MM X 1.2MM SQUARE TUBE

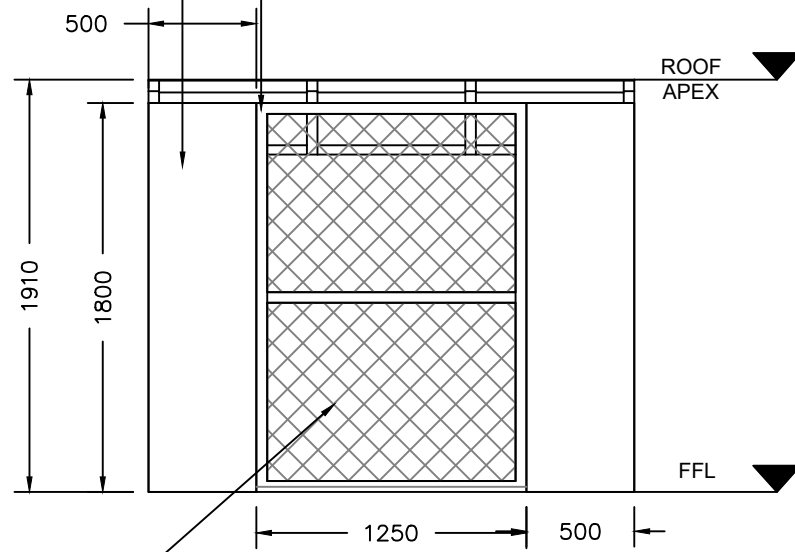
EXISTING STEEL DOOR WITH CYCLONE WIRE TO BE REPAINTED

WALL AREA TO BE REPAINTED

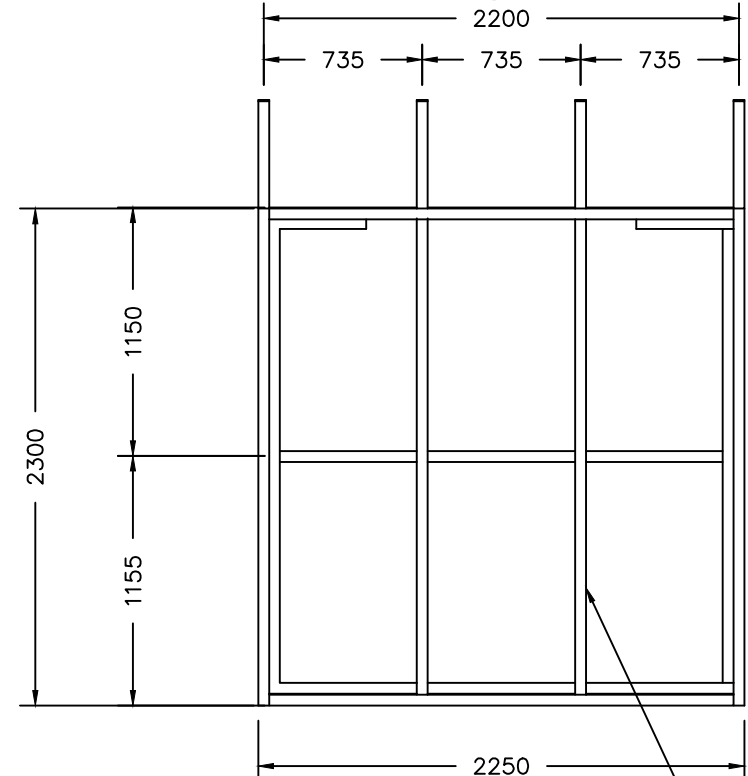
EXISTING 50mm X 50mm X 1.2mm SQUARE TUBE DOOR FRAME TO BE REPAINTED



FLOOR PLAN
1:35

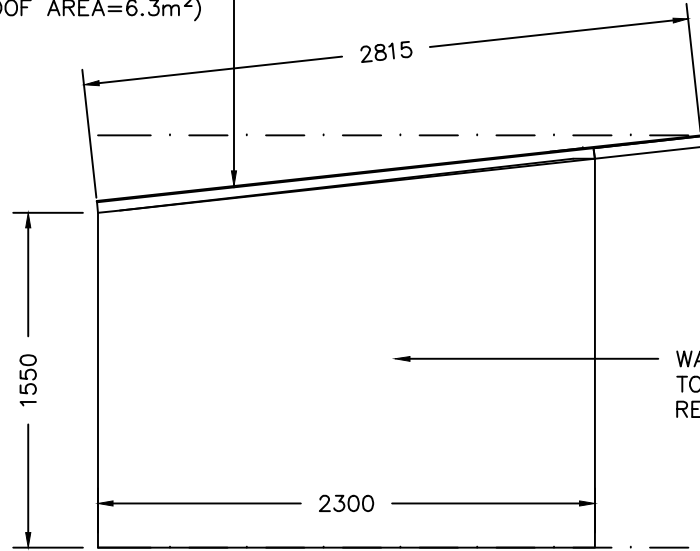


FRONT ELEVATION
1:35

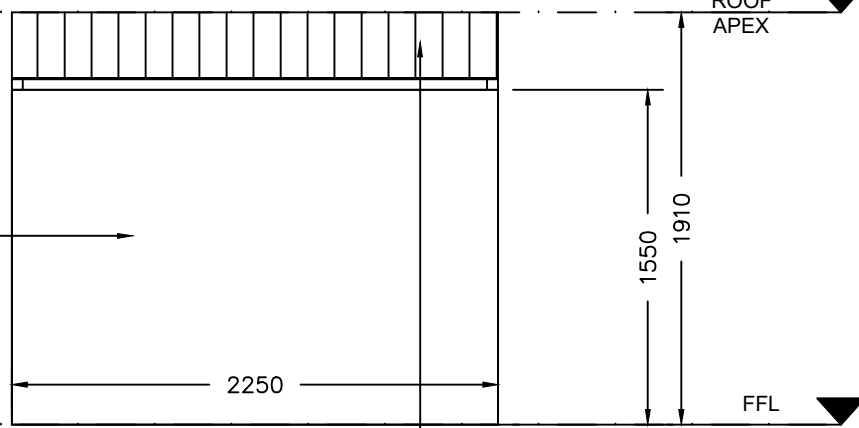


ROOF FRAMING
1:35

PRE-PAINTED GA. 26 RIB-TYPE G.I. ROOFING (ROOF AREA=6.3m²)



SIDE ELEVATION (TYP.)
1:35



REAR ELEVATION
1:35

PRE-PAINTED GA. 26 RIB-TYPE G.I. ROOFING (ROOF AREA=6.3m²)

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