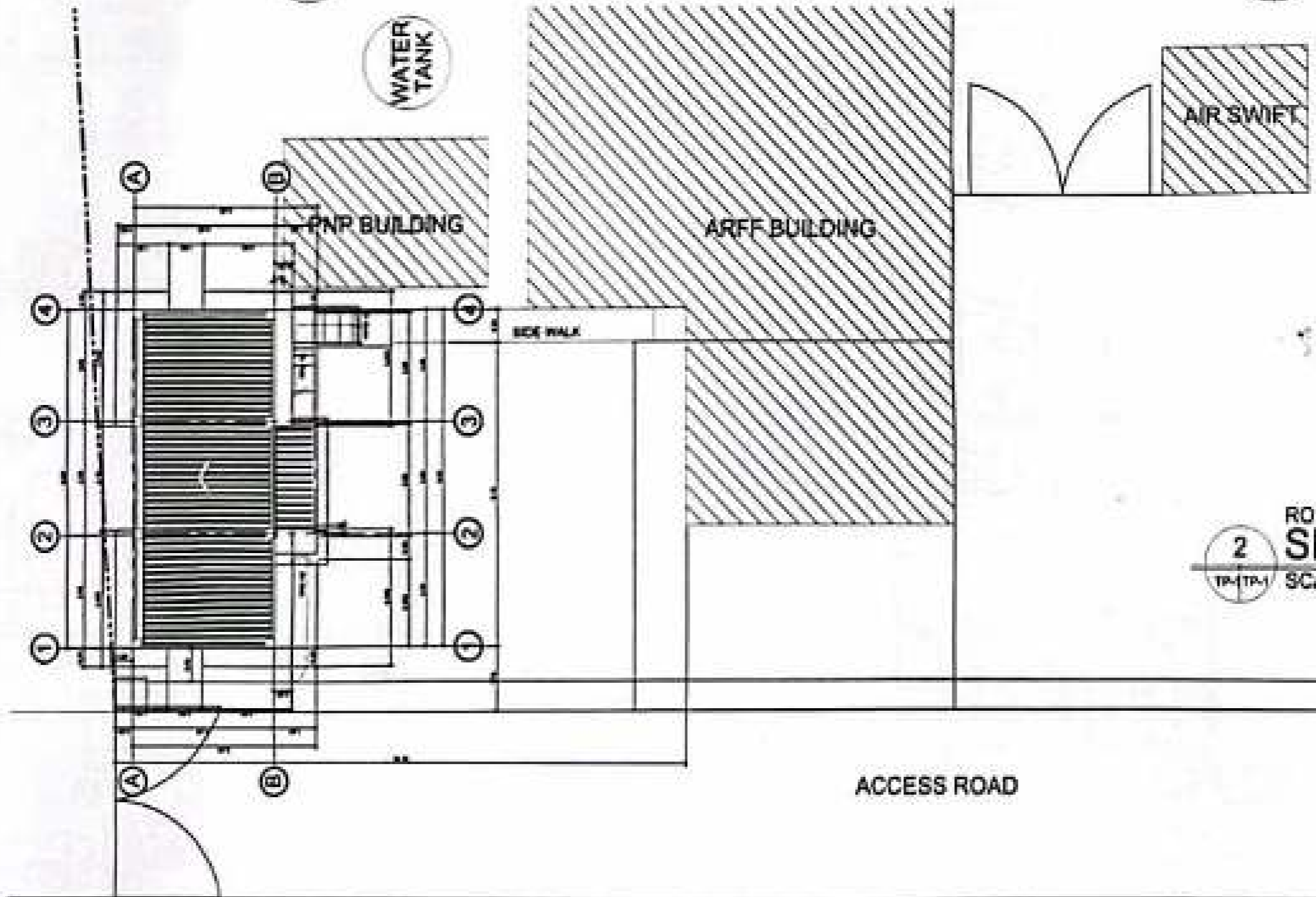




1 ROMBLON AIRPORT
PERSPECTIVE
SCALE: NTS

2 ROMBLON AIRPORT
VICINITY MAP
SCALE: NTS



2 ROMBLON AIRPORT
SITE DEVELOPMENT PLAN
SCALE: 1:100M

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LINE AND GRADE		AERODROME DEVELOPMENT AND MANAGEMENT SERVICE INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION
ARCHITECTURAL		DESIGN STAFF: INITIAL / DATE DESIGNER: ESD DRAWING: CAM CHECKED: EPE DATE:
CIVIL / STRUCTURAL		CHECKED BY: GLENN O. BELLO Acting Chief, Planning and Engineering Division
ELECTRICAL		PREPARED BY: ALDYLEN S. MENDOZA Engineer - Area Center III
MECHANICAL		RECOMMENDED APPROVAL: NONE JUNE L. LARQUEZA DCI - Romblon Airport
SANITARY / PLUMBING		APPROVED:
ELECTRONICS		NOTES / REVISIONS:
GEODETIC ENGINEERS		PROJECT TITLE: CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD LOCATION: ROMBLON AIRPORT
DRAWING SCALE: AS SHOWN		SHEET NO: TP 01



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED:	
DRAWN:	
CHECKED:	

CHECKED BY:



GLENN D. BELLO
Asst. Chief, Planning and Engineering Division

PREPARED BY:



AUGUSTIN S. MENDOZA
Engineer - Area Center II

RECOMMENDED APPROVAL:



MONIE JUNE L. LARGUEZ
Off. - Romblon Airport

APPROVED:



ROMMEL S. CRUZ
Asst. Chief, Planning and Engineering Division

NOTES / REVISIONS:

PROJECT TITLE:

CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

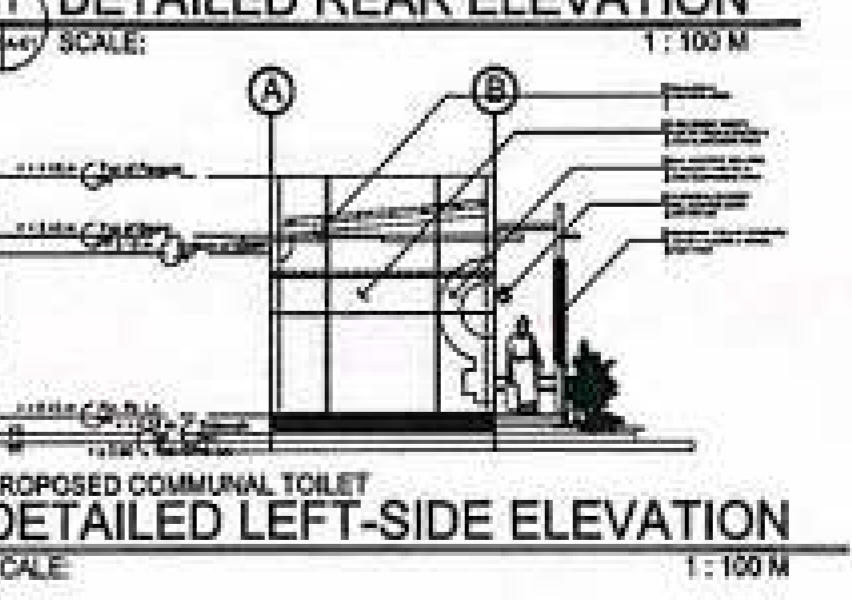
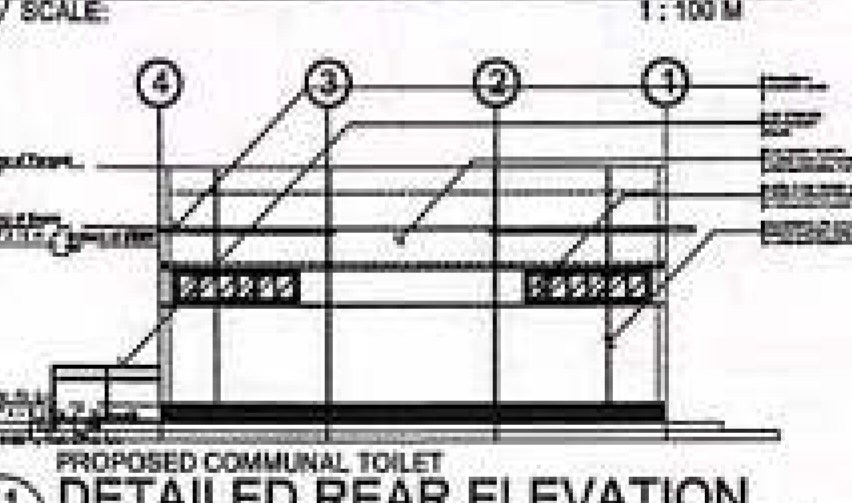
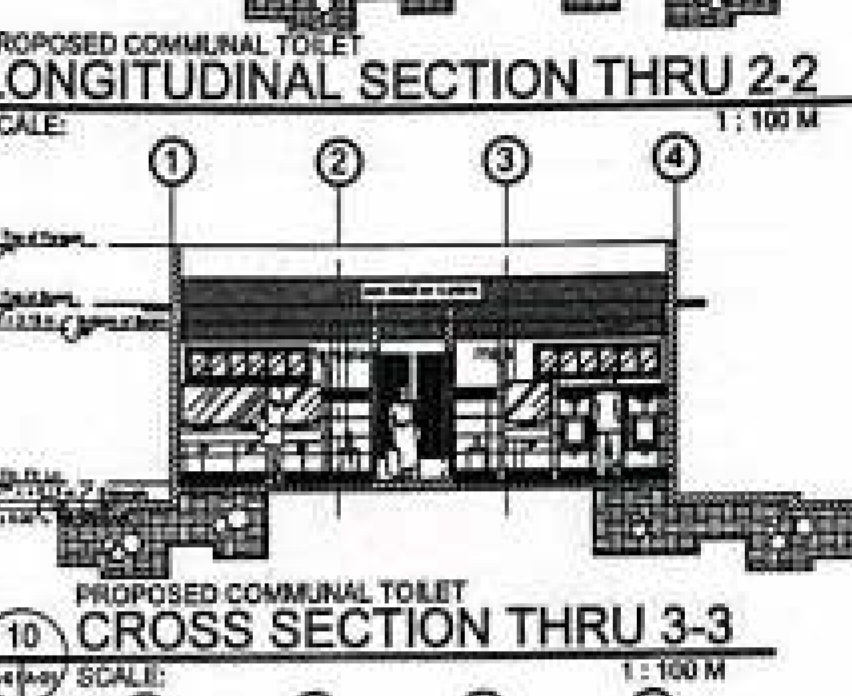
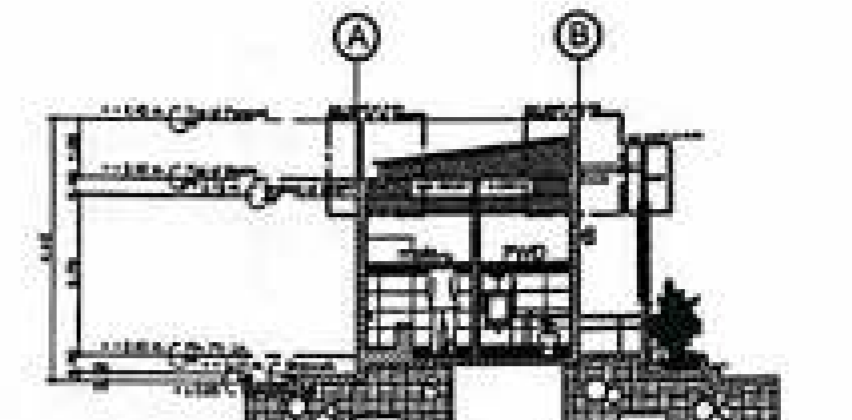
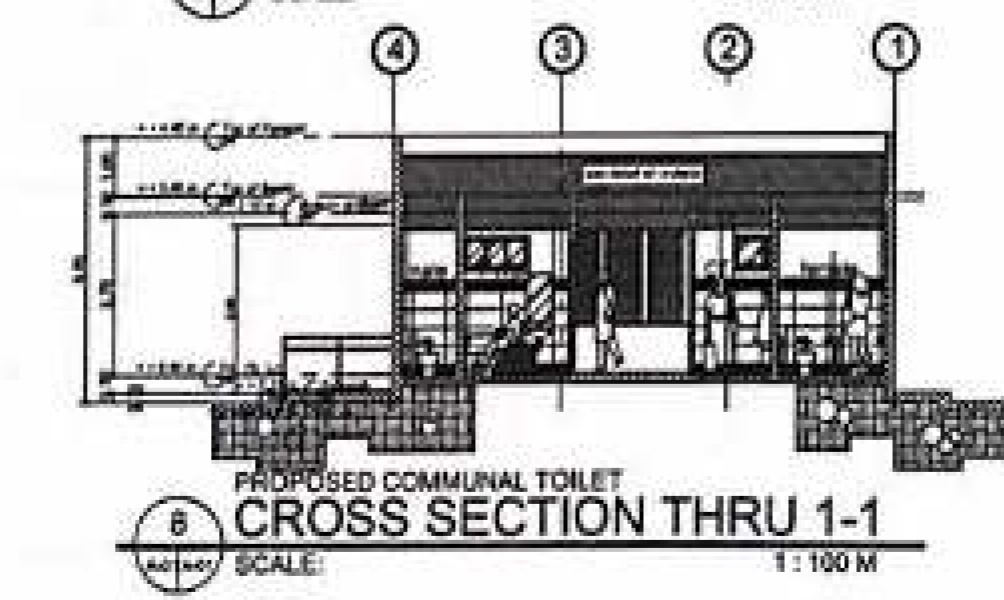
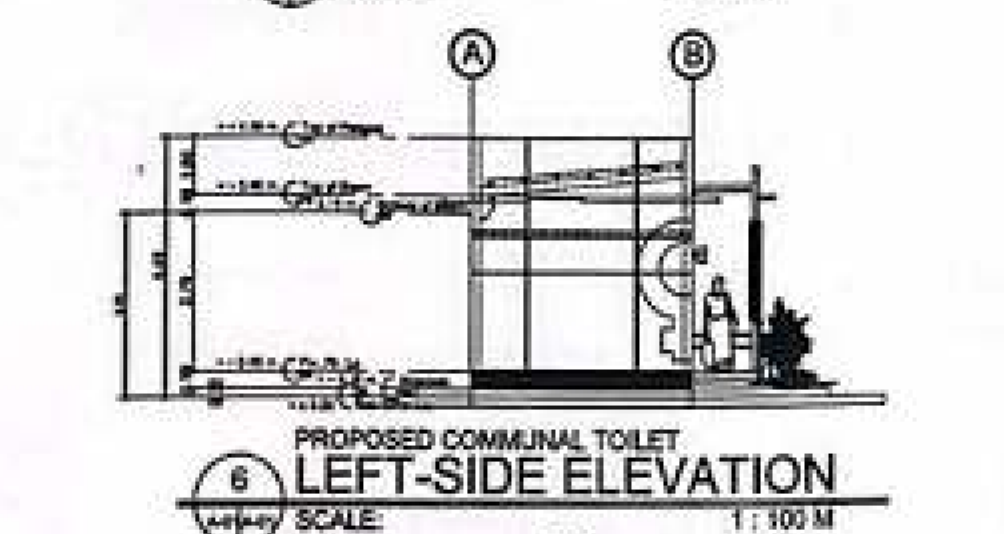
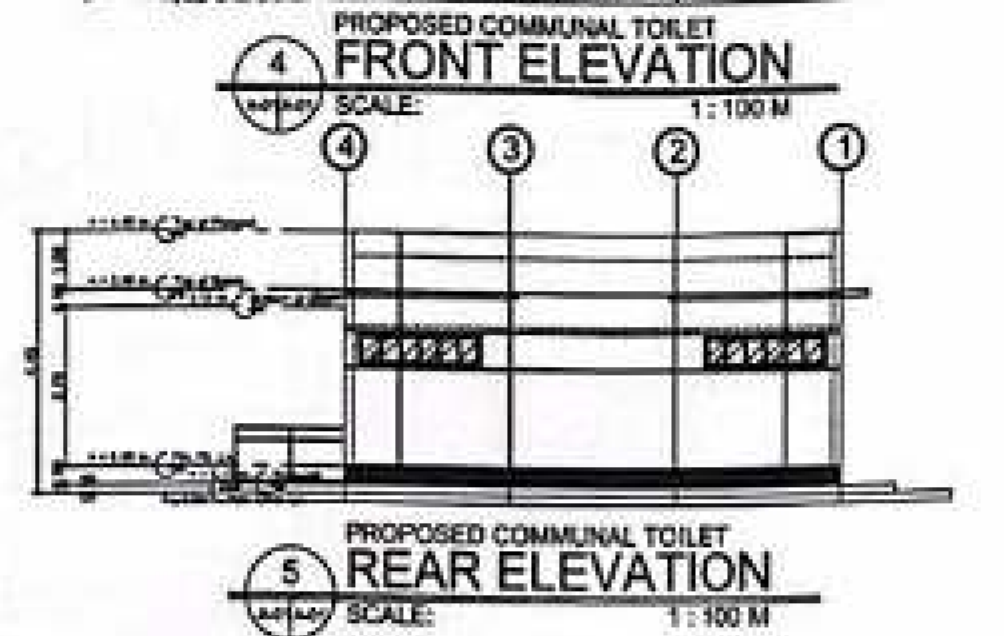
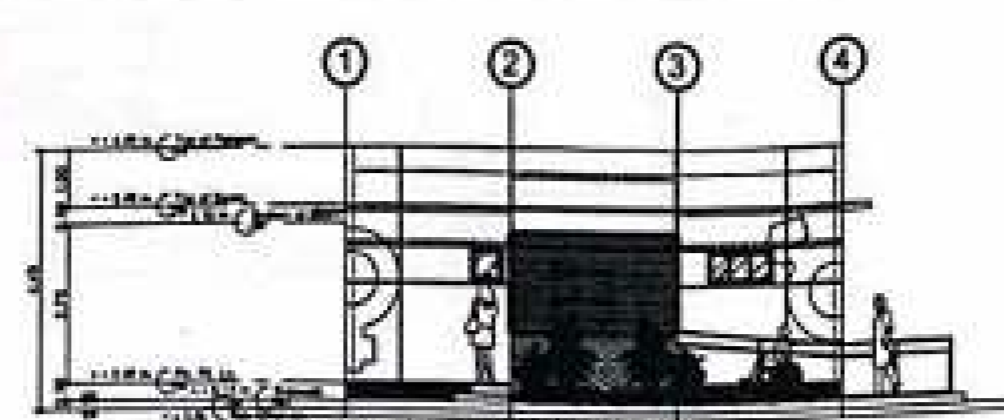
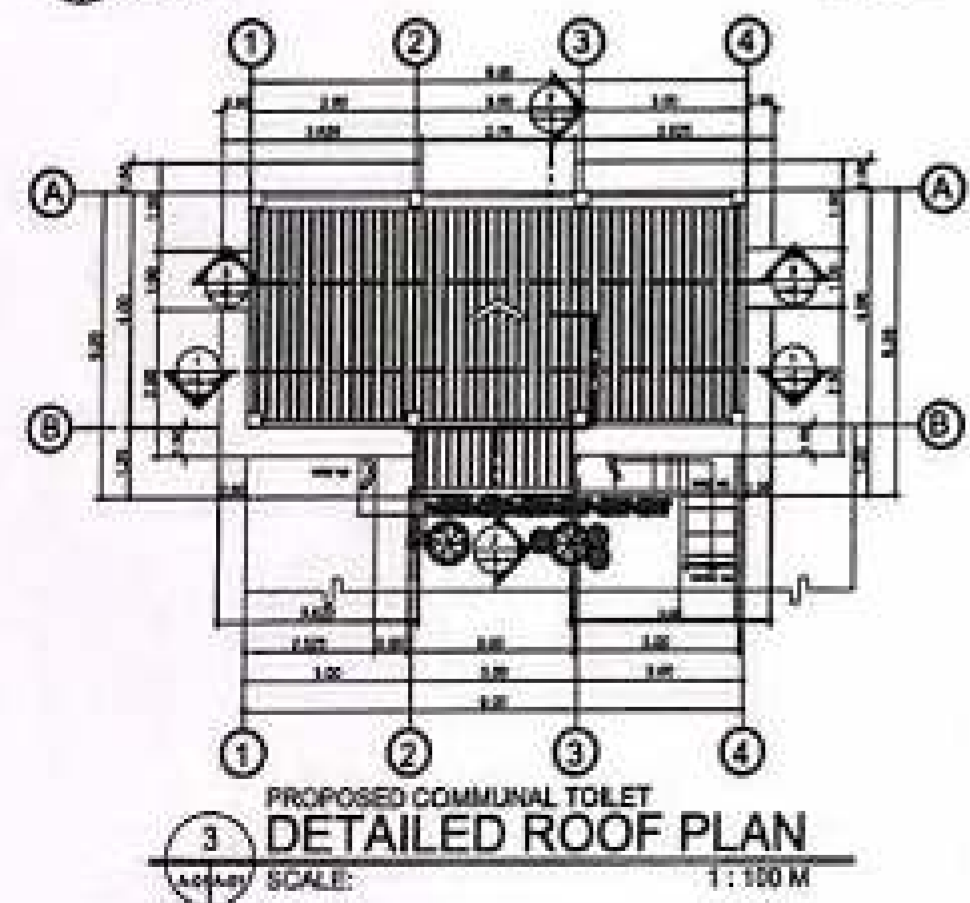
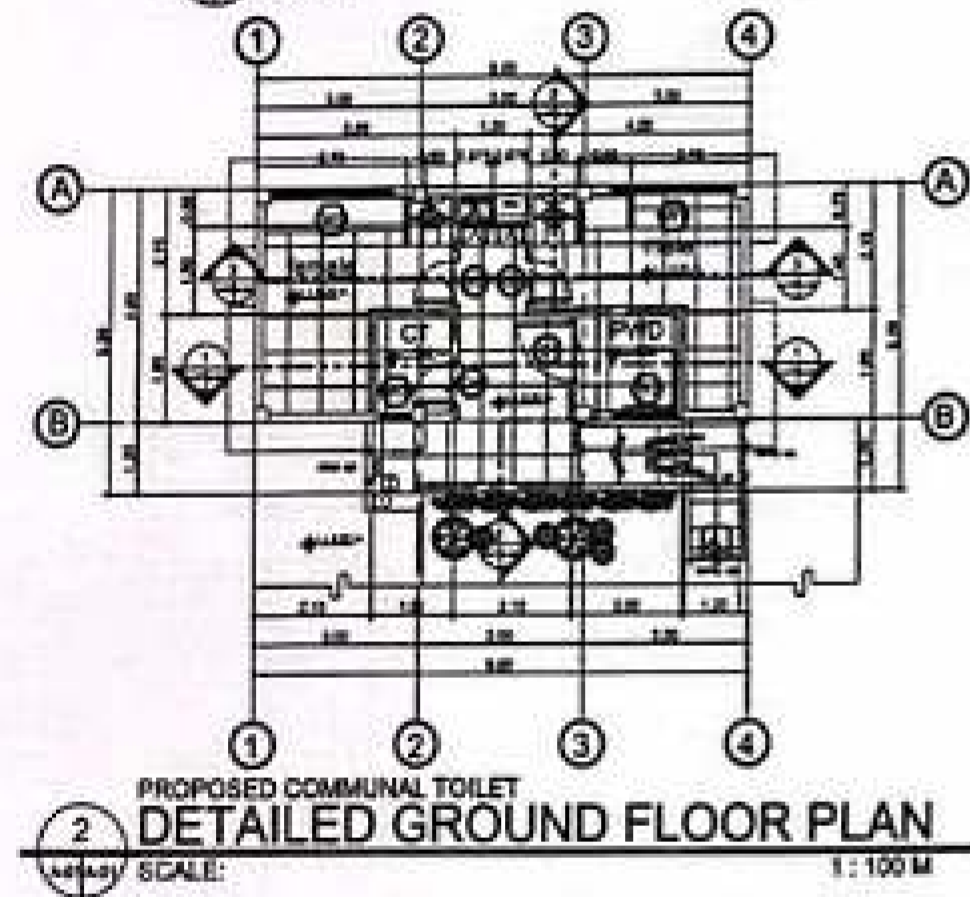
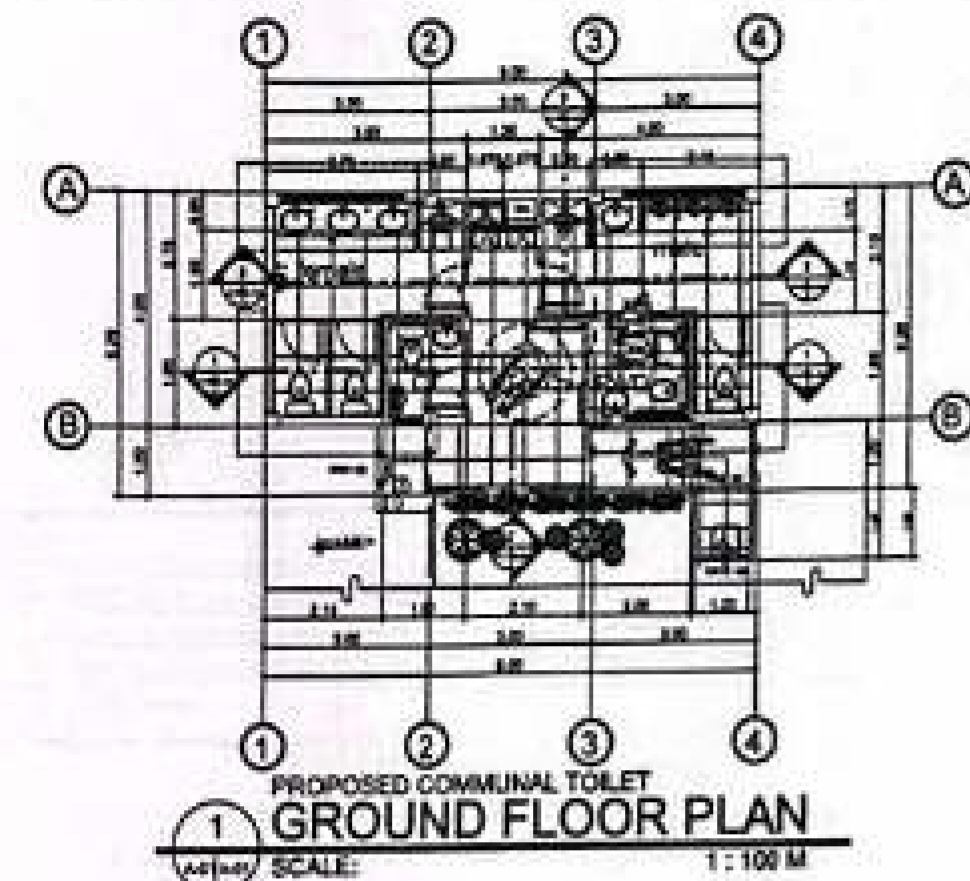
LOCATION:

ROMBLON AIRPORT

SHEET CONTENTS:

GROUND FLOOR PLAN
 DETAILED GROUND FLOOR PLAN
 DETAILED ROOF PLAN
 FRONT & REAR ELEVATION
 LEFT-SIDE & RIGHT-SIDE ELEVATION
 CROSS SECTION THRU 1-1, 3-3
 LONGITUDINAL SECTION THRU 2-2
 DETAILED FRONT & REAR ELEVATION
 DETAILED LEFT-SIDE ELEVATION

DRAWING SCALE	SHEET NO.
AS SHOWN	A 01





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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: RETAIL DATE:

DESIGNED BY: DATE:

DRAWN BY: DATE:

CHECKED BY: DATE:

APPROVED BY: DATE:

PROJECT TITLE: CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION: ROMBLON AIRPORT

SHEET CONTENTS: REFLECTED CEILING PLAN, DETAIL OF FLOOR FINISHES, DETAIL OF WALL FINISHES, DETAILED RIGHT-SIDE ELEVATION, DETAILED LONGITUDINAL SECTION THRU 2-2, DETAILED CROSS SECTION THRU 1-1, DETAILED CROSS SECTION THRU 3-3, GUTTER PLAN, BLOW-UP DETAILS, BULL NOSE PLAN

DRAWING SCALE: AS SHOWN

SHEET NO: A 02

PREPARED BY: ALYCEEN S. MENDOZA

Engineer - Area Office II

RECOMMENDED APPROVAL: MONTE JANEL LARGUEZA

Chief, Technical Services

NOTES / REVISIONS:

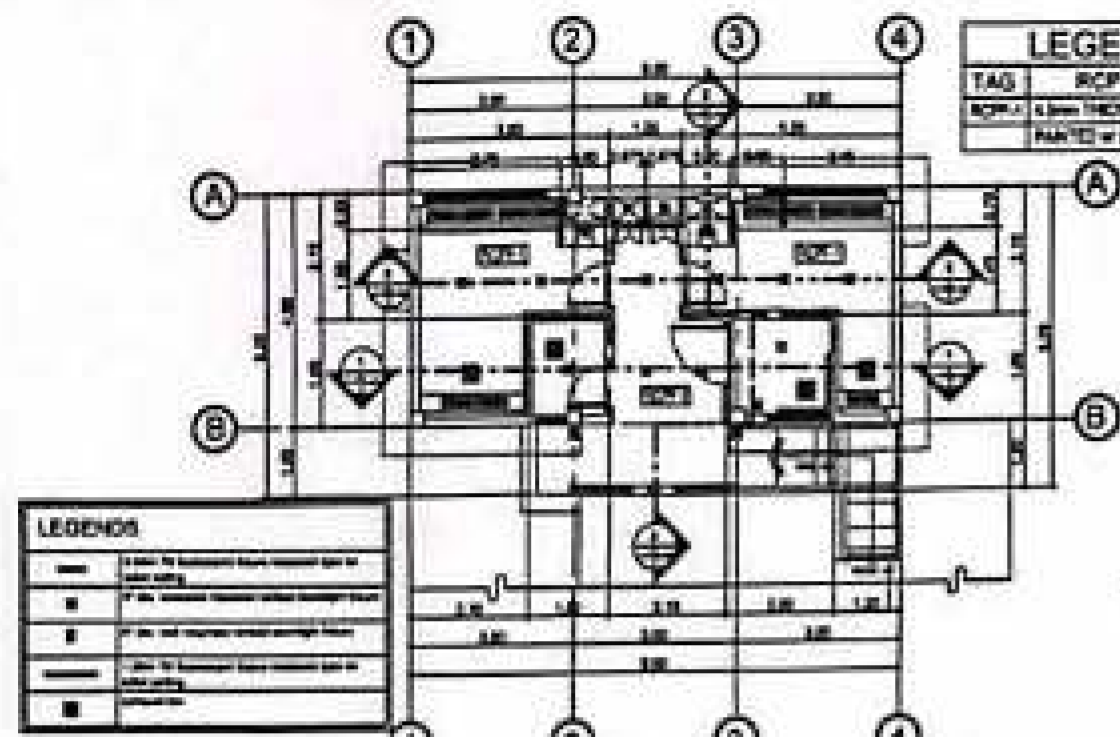
PROJECT TITLE: CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION: ROMBLON AIRPORT

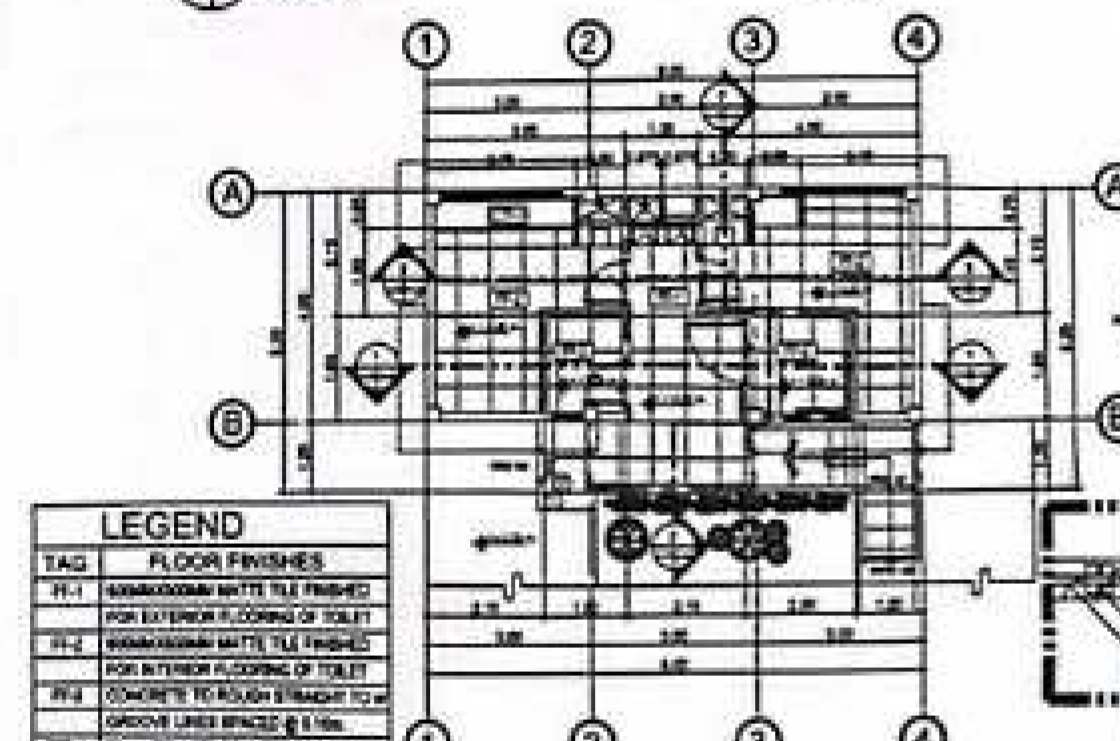
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DRAWING SCALE: AS SHOWN

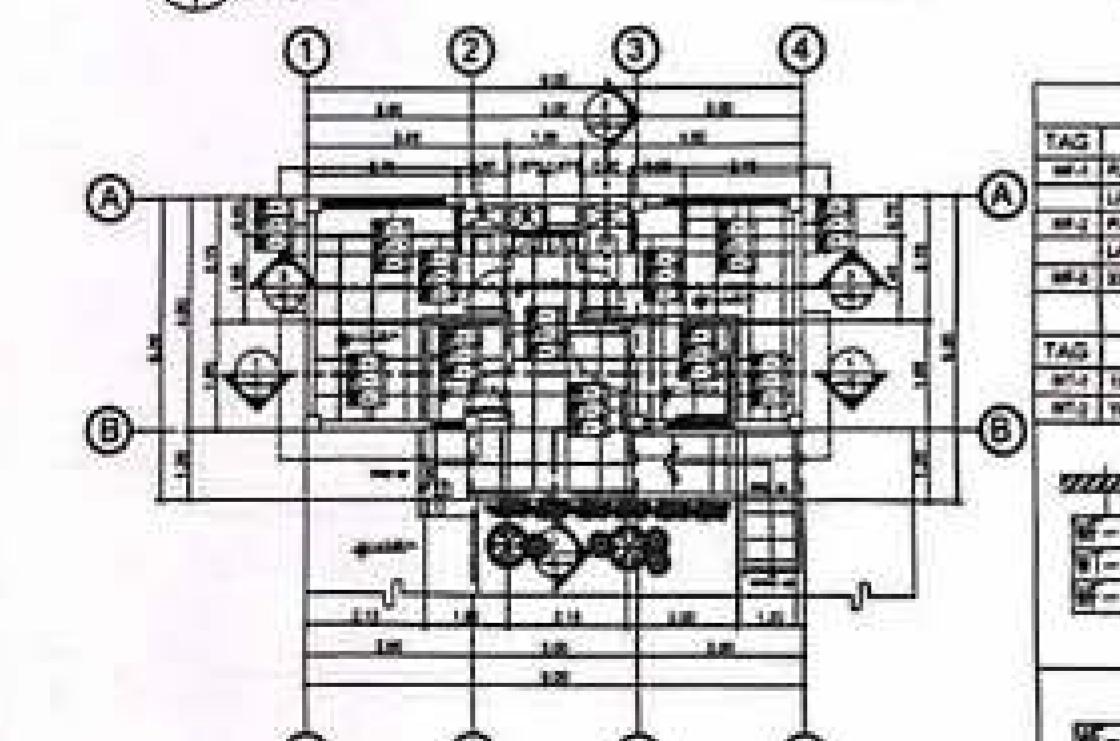
SHEET NO: A 02



1 PROPOSED COMMUNAL TOILET REFLECTED CEILING PLAN SCALE: 1:100 M

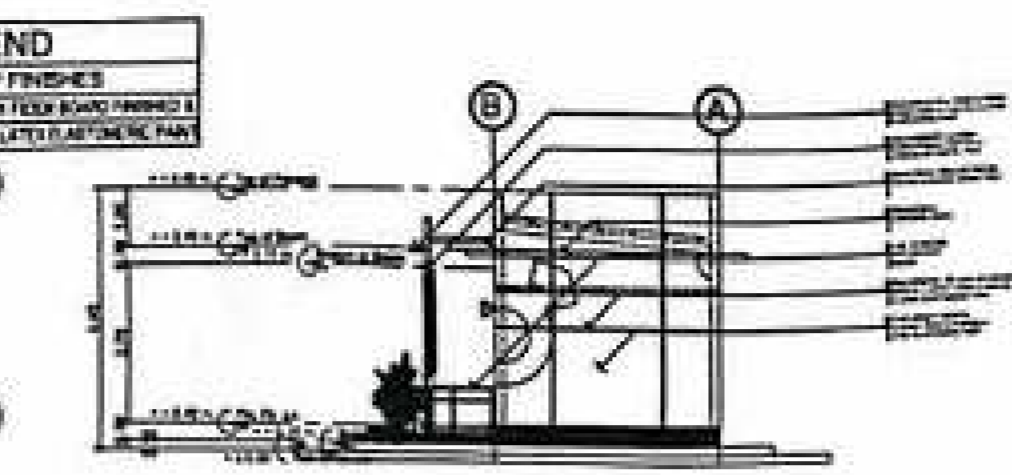


2 PROPOSED COMMUNAL TOILET DETAIL OF FLOOR FINISHES SCALE: 1:100 M

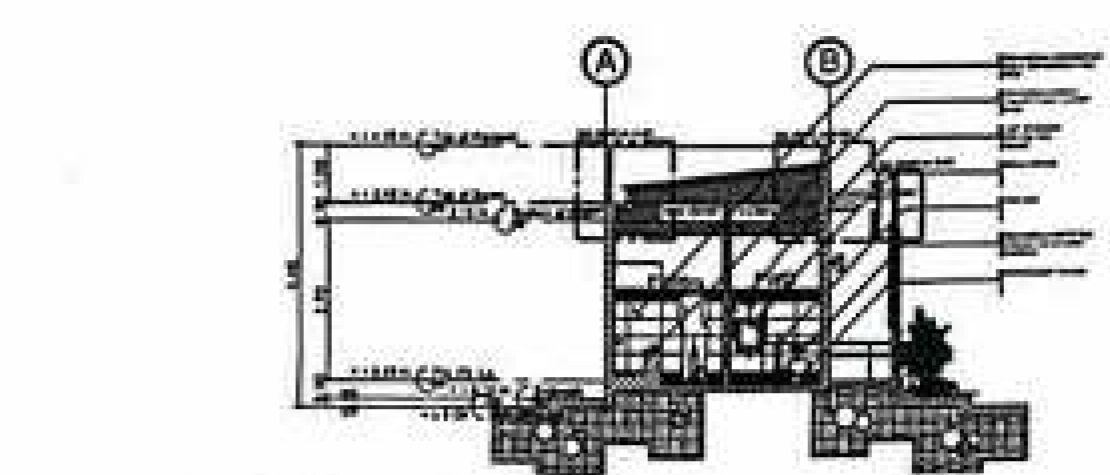


3 PROPOSED COMMUNAL TOILET DETAIL OF WALL FINISHES SCALE: 1:100 M

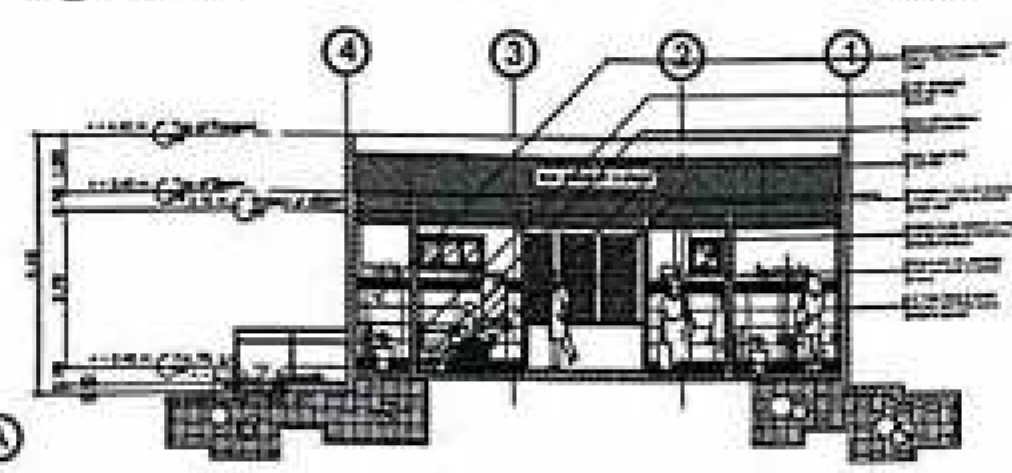
LEGEND	
TAG	ROOF FINISHES
RF-1	1.5mm THICK FIBER BOARD FINISHED & PAINTED W/ LATEX ELASTOMERIC PAINT



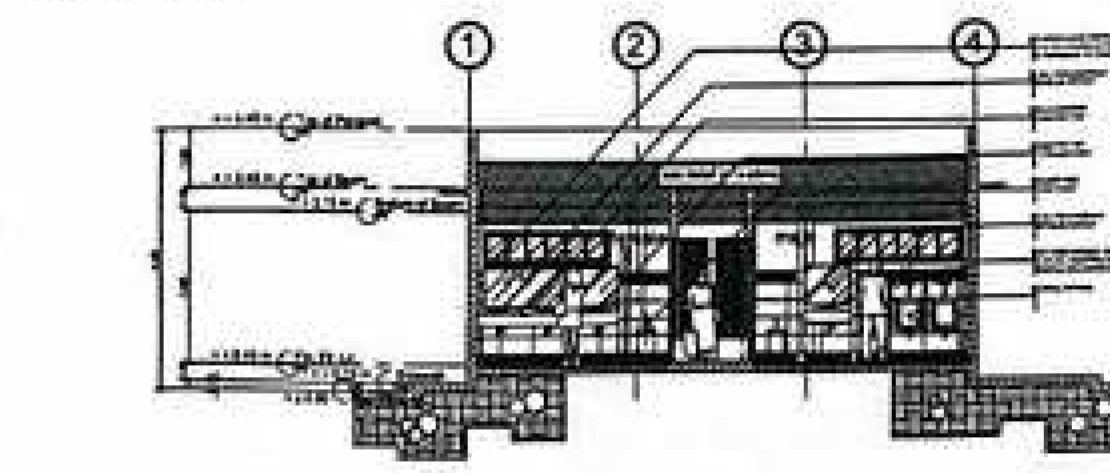
4 PROPOSED COMMUNAL TOILET DETAILED RIGHT-SIDE ELEVATION SCALE: 1:100 M



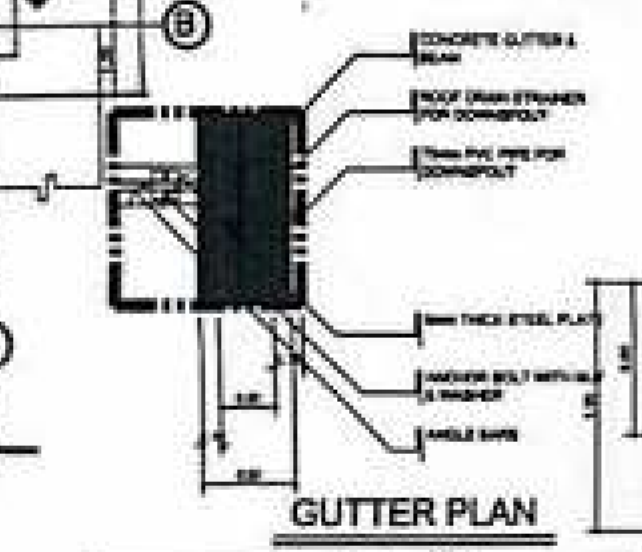
6 PROPOSED COMMUNAL TOILET DETAILED LONGITUDINAL SECTION THRU 2-2 SCALE: 1:100 M



5 PROPOSED COMMUNAL TOILET DETAILED CROSS SECTION THRU 1-1 SCALE: 1:100 M



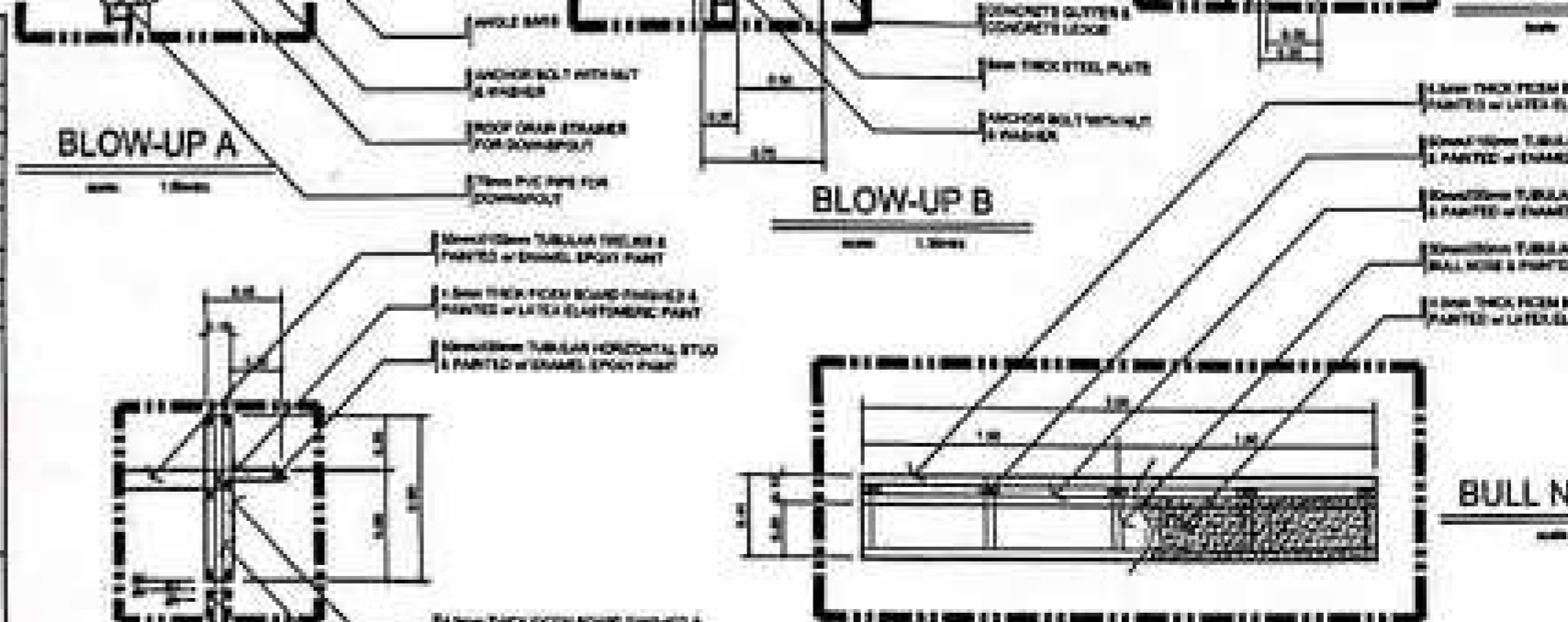
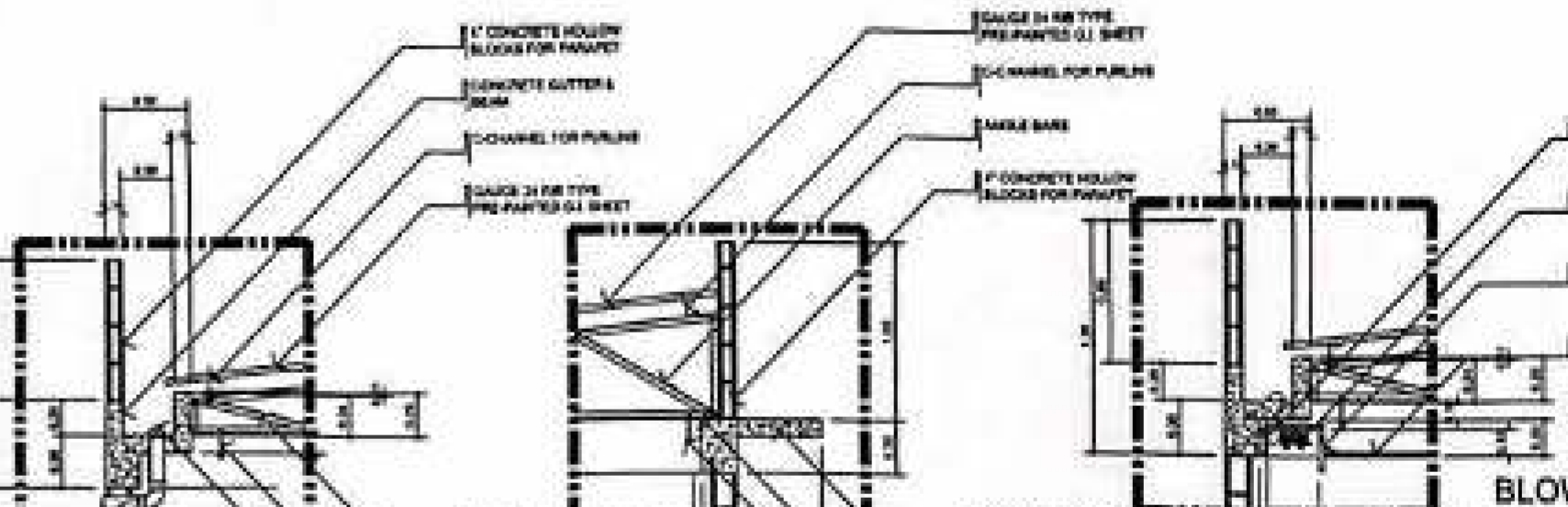
7 PROPOSED COMMUNAL TOILET DETAILED CROSS SECTION THRU 3-3 SCALE: 1:100 M



LEGEND	
TAG	FLOOR FINISHES
FF-1	150mmx150mm WHITE TILE FINISHED FOR EXTERIOR FLOORING OF TOILET
FF-2	150mmx150mm WHITE TILE FINISHED FOR INTERIOR FLOORING OF TOILET
FF-3	CONCRETE TO ROUGH STRAIGHT TO 4mm GROOVE LINES SPACED @ 1.5m
FF-4	20mm GRANITE COUNTERTOP

LEGEND	
TAG	WALL FINISHES
WF-1	PLAIN GYPSUM SMOOTH PLASTER FINISHED AND PAINTED WITH LATEX ELASTOMERIC PAINT (EXTERIOR)
WF-2	PLAIN GYPSUM SMOOTH PLASTER FINISHED AND PAINTED WITH LATEX ELASTOMERIC PAINT (INTERIOR)
WF-3	EXTERIOR WOOD-GLOSS TILE @ 200mmx300mm TRIM TILE

LEGEND	
TAG	WALL TYPE
WT-1	150mm THICK GYPSUM EXTERIOR
WT-2	150mm THICK GYPSUM INTERIOR



8 (SEE STRUCTURAL DETAIL ON S-PLANS) BLOW-UP DETAILS SCALE: 1:30 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF

INITIAL / DATE

DESIGNED BY

DRAWN BY

CHECKED BY

PREPARED BY

RECOMMENDED APPROVAL

APPROVED

PROJECT TITLE

CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION

ROMBLON AIRPORT

SHEET CONTENTS

SCHEDULE OF DOORS

SCHEDULE OF WINDOWS

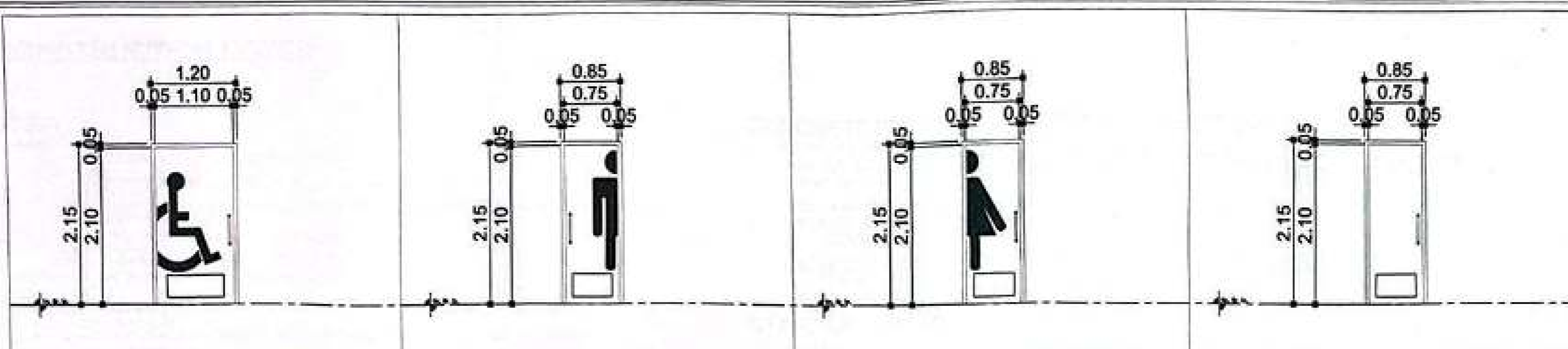
DRAWING SCALE

SHEET NO

AS SHOWN

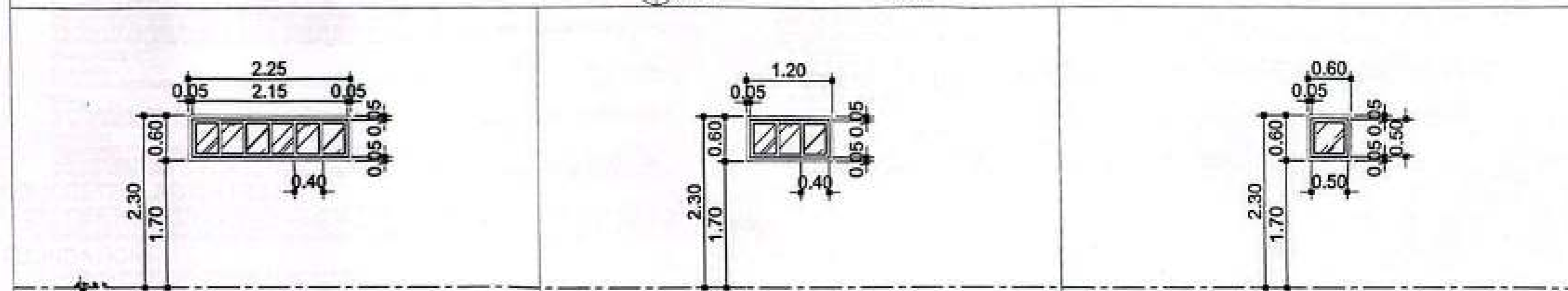
A

03



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
D1	SINGLE LEAF SWING OUT HOLLOW CORE DOOR PAINTED w/ ENAMEL QUICK DRY ENAMEL PAINT & KICK PLATE (800mmX2100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR and KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	D2	SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED w/ ENAMEL QUICK DRY ENAMEL PAINT & KICK PLATE (800mmX2100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR and KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	D3	SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED w/ ENAMEL QUICK DRY ENAMEL PAINT & KICK PLATE (800mmX2100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR and KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	D4	SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED w/ ENAMEL QUICK DRY ENAMEL PAINT & KICK PLATE (800mmX2100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR and KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)
1	1200mm X 2100mm	2	800mm X 2100mm	3	800mm X 2100mm	4	800mm X 2100mm
	HINGES, LOCKSET, HANDLE BAR, DOOR STOPPER AND KICK PLATE		HINGES, LOCKSET, HANDLE BAR, DOOR STOPPER AND KICK PLATE		HINGES, LOCKSET, HANDLE BAR, DOOR STOPPER AND KICK PLATE		HINGES, LOCKSET, HANDLE BAR, DOOR STOPPER AND KICK PLATE
	PWD TOILET		MALE TOILET		FEMALE TOILET		COMMON TOILET
	1 SET		1 SET		1 SET		1 SET
J	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT	J	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT	J	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT	J	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT
H	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT	H	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT	H	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT	H	50mm X 150mm S4S WOOD FINISH PAINTED w/ ENAMEL QDE PAINT

PROPOSED COMMUNAL TOILET
SCHEDULE OF DOORS
 SCALE: 1:30 M



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
W1	SIX-BAY SLIDING GLASS WINDOW ON POWDER COATED ALUMINUM FRAME (5mm THICK ANNEALED CLEAR GLASS FOR WINDOW) (COLOR OF GLASS & FRAME, VERIFY TO ARCHITECT)	W2	THREE-BAY SLIDING GLASS WINDOW ON POWDER COATED ALUMINUM FRAME (5mm THICK ANNEALED CLEAR GLASS FOR WINDOW) (COLOR OF GLASS & FRAME, VERIFY TO ARCHITECT)	W3	ONE-BAY SLIDING GLASS WINDOW ON POWDER COATED ALUMINUM FRAME (5mm THICK ANNEALED CLEAR GLASS FOR WINDOW) (COLOR OF GLASS & FRAME, VERIFY TO ARCHITECT)
1	2250mm X 800mm	2	1200mm X 800mm	3	600mm X 800mm
	COMPLETE HARDWARE & ACCESSORIES		COMPLETE HARDWARE & ACCESSORIES		COMPLETE HARDWARE & ACCESSORIES
	MALE & FEMALE TOILET		PWD		COMMON TOILET (CT)
	2 SET		1 SET		1 SET
J	50mm x 150mm ALUMINUM FRAME	J	50mm x 150mm ALUMINUM FRAME	J	50mm x 150mm ALUMINUM FRAME
H	50mm x 150mm ALUMINUM FRAME	H	50mm x 150mm ALUMINUM FRAME	H	50mm x 150mm ALUMINUM FRAME
M		M		M	
S	1700mm CONCRETE WINDOW SILL	S	1700mm CONCRETE WINDOW SILL	S	1700mm CONCRETE WINDOW SILL

PROPOSED COMMUNAL TOILET
SCHEDULE OF WINDOWS
 SCALE: 1:30 M

CONSTRUCTION NOTES:

STEEL:

- **REINFORCING STEEL BAR:**
 - PROVIDE THE FOLLOWING UNLESS INDICATED OTHERWISE:
 - A. MAIN BARS
 - ALL MAIN REINFORCING BARS SHALL BE DEFORMED CONFORMING TO ASTM A706.
 - B. YIELD STRENGTH
 - THE MINIMUM YIELD STRENGTH OF REINFORCEMENT TO BE USE CORRESPONDING TO THE STRUCTURAL MEMBER SHALL BE ENUMERATED BELOW:

FOOTINGS/ FOOTING TIE BEAMS	Fy = 60,000 Psi
COLUMNS/ BEAMS	Fy = 60,000 Psi
SLABS (ON GRADE AND SUSPENDED)	Fy = 40,000 Psi
- ASTM 36 GRADE 36 (Fy = 248 KPa, 36 Ksi) FOR ROOF RAFTERS.
- **STEEL TRUSS:**
 - A. DOUBLE ANGLE SHALL BE PLACED BACK TO BACK WITH 6mm THK GUSSET PLATE AT CONNECTION.
 - B. SPLICE PLATE SHALL BE 10mm THK STEEL PLATE.
 - C. WELDED CONNECTION SHALL DEVELOP 125% OF THE STRENGTH OF MEMBERS BEING CONNECTED.
- **BOLTS, NUTS, AND WASHERS:**
 - PROVIDE THE FOLLOWING UNLESS INDICATED OTHERWISE:
 - A. BOLTS: ASTM A 307, GRADE A; ASTM A 325 TYPE 1 OR TYPE II.
 - B. NUTS: ASTM A 563, GRADE A; HEAVY HEX STYLE, EXCEPT NUTS UNDER 1-1/8 INCH MAYBE PROVIDED IN HEX STYLE.
 - C. WASHERS: ANSI B 18.22.1, TYPE B.

CONCRETE:

- MIX DESIGN SHALL CONFORM TO ACI 211.1 AND ACI 301. THE MINIMUM 28-DAY CYLINDER COMPRESSIVE STRENGTH SHALL BE:
 - F_c' = 20.7 MPa (3000Psi) FOUNDATIONS, COLUMNS, BEAMS, SUSPENDED SLABS.
 - F_c' = 20.7 MPa (3000Psi) SLAB ON FILL GRADED SLABS.
- **CEMENT**
 - CEMENT FOR THE CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF "SPECIFICATIONS FOR PORTLAND CEMENT" (ASTM C150, LATEST EDITION).
- **CONCRETE AGGREGATES**
 - A. FINE AGGREGATE
 - FINE AGGREGATES SHALL CONSIST OF NATURAL POBAC SAND. FINE AGGREGATES SHALL CONSIST OF HARD, TOUGH, DURABLE, UNCOATED PARTICLES. THE STIPULATED PERCENTAGE OF FINES IN THE SAND SHALL BE OBTAINED EITHER BY THE PROCESSING OF NATURAL SAND OR BY THE PRODUCTION OF A SUITABLY GRADED MANUFACTURED SAND.
 - B. COARSE AGGREGATE
 - COARSE AGGREGATES SHALL CONSIST OF GRAVEL, CRUSHED GRAVEL OR ROCK, OR A COMBINATION OF GRAVEL AND CRUSHED GRAVEL OR ROCK, APPROVED BY THE STRUCTURAL ENGINEER. THE COARSE AGGREGATE, AS DELIVERED TO THE SITE, SHALL HAVE UNIFORM AND STABLE MOISTURE CONTENT. THE SIZES OF COARSE AGGREGATE TO BE USED IN THE VARIOUS PARTS OF THE WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING OR AS DIRECTED BY THE STRUCTURAL ENGINEER.

GENERAL USE	SIZES	
FOOTINGS	1" OR 1 1/2"	25mm OR 19mm
R.C. BEAMS, COLUMNS, SLABS, WALLS, WALL FOOTING, LINTEL BEAMS	1"	19mm
 - C. WATER
 - WATER USED IN MIXING CONCRETE SHALL BE CLEAN AND FREE FROM INJURIOUS AMOUNTS OF OILS, ACIDS, SALTS, ALKALIS, ORGANIC MATERIALS OR OTHER SUBSTANCES DELETERIOUS TO CONCRETE OR STEEL.
 - D. ADMIXTURE
 - ADMIXTURES TO BE USED IN CONCRETE SHALL BE SUBJECT TO PRIOR APPROVAL OF THE STRUCTURAL ENGINEER. USE DARACEM RM AND/OR PRIMEPLAST R1 SUPER PLASTICIZERS FOR ALL CONCRETE MIX. SUPER PLASTICIZERS SHALL BE ADDED ONLY AFTER THE MIX HAS COMPLIED WITH THE SLUMP REQUIREMENT OF NOT MORE THAN 50mm.

CONCRETE SLAB ON FILL:

- THE CONCRETE SLAB ON FILL SHALL BE LAID ON A PREPARED FOUNDATION CONSISTING OF A SUB GRADE AND GRANULAR FILL WITH THICKNESS EQUAL TO THE THICKNESS OF OVERLYING SLAB EXCEPT AS INDICATED OTHERWISE.
 - A. SUBGRADE SHALL BE ROLLED, RAMMED, AND TAMPED TO A THOROUGHLY COMPACTED FOUNDATION.

FOUNDATION:

- A. ALLOWABLE BEARING CAPACITY SHALL BE 130 KPA FOR DL + LL + EQ COMBINATION.
- B. EXCAVATION FOR FOOTINGS SHALL BE CARRIED TO A DEPTH AS SPECIFIED IN THE PLANS.

REINFORCED CONCRETE BEAM:

- A. UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIFICATIONS, CAMBER ALL R.C. BEAMS AT LEAST 6mm FOR EVERY 4.5M OF SPAN EXCEPT CANTILEVERS WHICH SHALL 15mm FOR EVERY 3M OF SPAN.
- B. IF THERE ARE TWO (2) OR MORE LAYERS OF REINFORCING BARS, USE 25mm DIAMETER SEPARATORS SPACED AT 900mm O.C.
- C. TOP BARS SPLICES SHALL BE LOCATED AT MIDSPAN AND BOTH BAR SPLICES AT COLUMN SUPPORTS.
- D. PROVIDE AT LEAST 10mm Ø STIRRUPS SPACED AT 150mm O.C. AT BEAM SUPPORTS. THE FIRST STIRRUP LOCATED 50mm FROM THE FACE OF THE COLUMN UNLESS CLOSER SPACING IS SPECIFIED IN THE STRUCTURAL PLANS.

CHB WALL:

- A. VERTICAL AND HORIZONTAL REINFORCEMENT
 - UNLESS OTHERWISE SPECIFIED, THE VERTICAL AND HORIZONTAL REINFORCEMENTS FOR CHB SHALL BE 10mm Ø AT 600mm FOR ALL WALL THICKNESS. LAP SLICES SHALL BE 300mm LONG (MINIMUM).
- B. DOWELS
 - WHERE CHB WALLS ADJOIN R.C. COLUMNS AND BEAMS, PROVIDE DOWELS ON R.C. COLUMN AND BEAMS PRIOR TO POURING TO MATCH CHB WALL REINFORCEMENT. THE DOWELS SHALL BE 12mm BARS AT 400mm O.C., UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- C. ANCHORS
 - WHERE COLUMNS AND BEAMS HAVE BEEN POURED WITHOUT THE CHB WALL DOWELS, PROVIDE 16mm Ø EXPANSION BOLTS AT 400mm O.C. THESE ANCHORS SHALL BE DRILLED AND HAMMERED IN PLACE. NO CHIPPING-OFF OF CONCRETE COLUMNS AND BEAMS IS ALLOWED UNLESS OTHERWISE PERMITTED BY THE STRUCTURAL ENGINEER.

CONCRETE PROTECTION FOR REINFORCEMENT:

- A. **CONCRETE COVER**
 - THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING BARS. FOR BUNDLES, THE MINIMUM COVER SHALL EQUAL THE EQUIVALENT DIAMETER OF THE BUNDLE BUT NEED NOT BE MORE THAN 2 INCHES ON THE TABULATED MINIMUM WHICHEVER IS GREATER.
- CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH
- EXPOSED TO EARTH WEATHER OR CORROSIVE SUBSTANCE
 - 20mm Ø AND LARGER
 - 10mm Ø AND SMALLER
- NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND, SLABS, WALLS, AND JOINTS
 - 25mm Ø AND SMALLER
- BEAMS, GIRDERS AND COLUMNS PRINCIPAL REINFORCEMENT, TIE STRUTS OR SPIRALS

STANDARD HOOK:

- A. **REBARS**
 - a. A SEMI-CIRCULAR TURN PLUS AN EXTENSION OF AT LEAST 4 DIAMETERS BUT NOT LESS THAN 50mm AT THE FREE END OF THE BAR.
 - b. A 90 DEGREE TURN PLUS AN EXTENSION OF AT LEAST 12 BARS DIAMETER AT THE FREE END OF THE BAR.
- B. **BEND DIAMETER**
 - MINIMUM DIAMETERS OF BEND MEASURED ON THE INSIDE OF THE BAR SHALL BE AS FOLLOWS:

19mm Ø TO 25mm Ø	25mm Ø
28mm Ø TO 32mm Ø	32mm Ø

WELDING:

- WELDING ELECTRODES AND RODS, CONFORMED TO AWS D1.1
- A. LAP WELDED SPLICE
 - WHEN USED, SHALL DEVELOP A RESISTANCE EQUAL TO AT LEAST 125% OF THE TENSILE CAPACITY OF THE BAR BEING SPLICED.
- B. BUTT-WELDED SPLICE
 - WHEN USED, SHALL BE CONSIDERED 75% EFFICIENT. THE REMAINING 25% CAPACITY TO DEVELOP 125% OF THE TENSILE CAPACITY OF THE BAR SHALL BE PROVIDED FOR BY AN ADDITIONAL WELDED LAP SPLICE CONNECTION ON THE SAME JOINT.
- C. **DETAILS/ REQUIREMENTS**
 - DETAILS OF ALL WELDED SPLICES SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL BY THE STRUCTURAL ENGINEER. ONLY CERTIFIED WELDERS SHALL BE ALLOWED TO PERFORM WELDING OPERATIONS. THESE WELDERS SHALL SUBJECT TO THE APPROVAL OF THE PROJECT MANAGER.

PAINTINGS:

- SHOP PAINT STRUCTURAL STEEL, EXCEPT AS MODIFIED HEREIN, DO NOT PAINT STEEL SURFACES EMBEDDED IN CONCRETE, GALVANIZED SURFACES, OR SURFACES WITHIN 1/2" OF THE TOE OF THE WELDS PRIOR TO WELDING. PRIOR TO ASSEMBLY, PAINT SURFACES WHICH WILL BE CONCEALED OR INACCESSIBLE AFTER ASSEMBLY. DO NOT PAINT IN FOGGY OR RAINY WEATHER. WHEN THE AMBIENT TEMPERATURE IS BELOW 45°F OR OVER 95°F; OR WHEN PAINT MAY BE EXPOSED TO TEMPERATURES BELOW 40°F WITHIN 48 HRS AFTER APPLICATION, UNLESS APPROVED OTHERWISE.
- A. **CLEANING:**
 - SSPC SP 8, EXCEPT AS MODIFIED HEREIN. SSPC SP 3 OR SP 8 FOR STEEL SURFACES EXPOSED IN SPACES ABOVE CEILINGS, ATTIC SPACES, CRAWL SPACES, FURRED SPACES, AND CHASES. IN ADDITION, MAINTAIN STEEL SURFACES FREE FROM RUST, DIRT, OIL, GREASE, AND OTHER CONTAMINANTS THROUGH FINAL ASSEMBLY.
- B. **PRETREATMENT:**
 - IMMEDIATELY AFTER CLEANING, PROVIDE THE METAL SURFACES WITH ONE COAT OF MIL. SPEC. DOD-P-15328 PRETREATMENT TO A DRYFILM THICKNESS OF 0.3 TO 0.5 MIL. FED. SPEC. TT-C-490 PRETREATMENT MAY BE APPLIED TO SSPC SP 8 CLEANED SURFACES, IN ACCORDANCE WITH FED. SPEC. TT-C-490.
- C. **PRIMING:**
 - IMMEDIATELY AFTER THE PRETREATMENT COATING HAS DRIED, APPLY PRIMER TO A MINIMUM DRY FILM THICKNESS OF 2.0 MIL. REPAIR DAMAGED PRIMED SURFACES WITH AN ADDITIONAL COAT PRIMER.



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1001 Airport Blvd., Alabang, Muntinlupa City, Metro Manila

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AGROCRONE DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIALS/DATE
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	

CHECKED BY:

GLENN O. BELLO
Acting Chief, Planning and Engineering Division

PREPARED BY:

MARK F. DOMINGO
Engineer - Civil Services

RECOMMENDED APPROVAL:

NONE L. LARCA
CCO - Airport Group

APPROVED:

MARK F. DOMINGO
Acting Chief, Planning and Engineering Division

NOTES:
REVISIONS

PROJECT TITLE:
CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION:
ROMBLON AIRPORT

SHEET CONTENTS:
• CONSTRUCTION NOTES

DRAWING SCALE	SHEET NO.
AS SHOWN	S 01



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL DATE:

DESIGNED BY: _____

DRAWN BY: _____

CHECKED BY: _____

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GLENN O. SELLO
Asst. Chief, Planning and Engineering Division

PREPARED BY:

SHERSON F. DOMINGO
Engineer - A/Cat II

RECOMMENDED APPROVAL:

HOWE JUNE L. LARQUEZA
LIC. Registered Architect

APPROVED:

NOTES / REVISIONS

PROJECT TITLE:

CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION:

ROMBLON AIRPORT

SHEET CONTENTS:

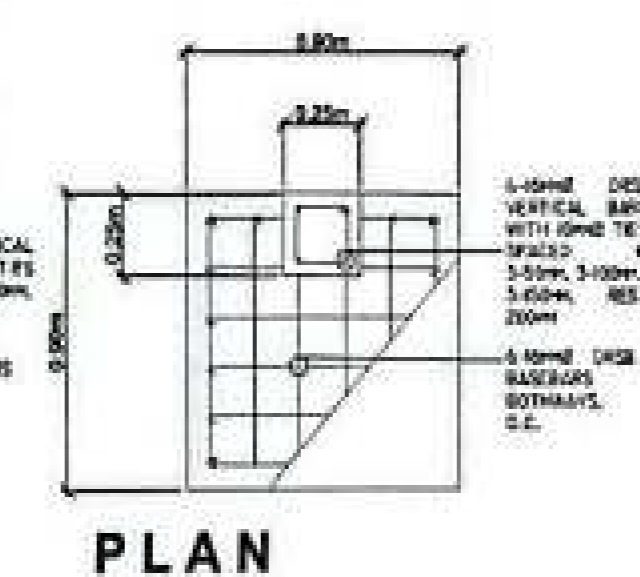
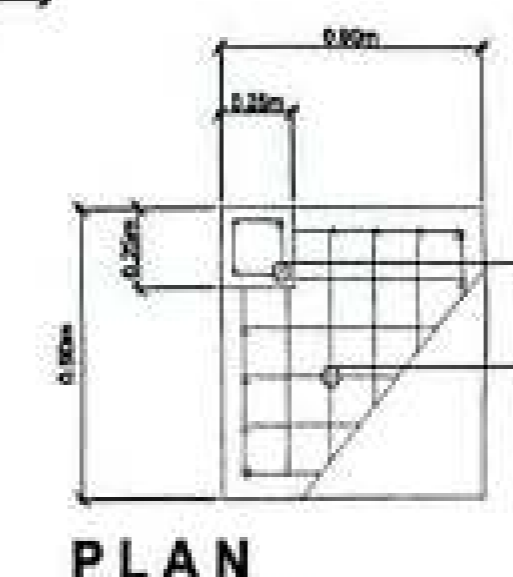
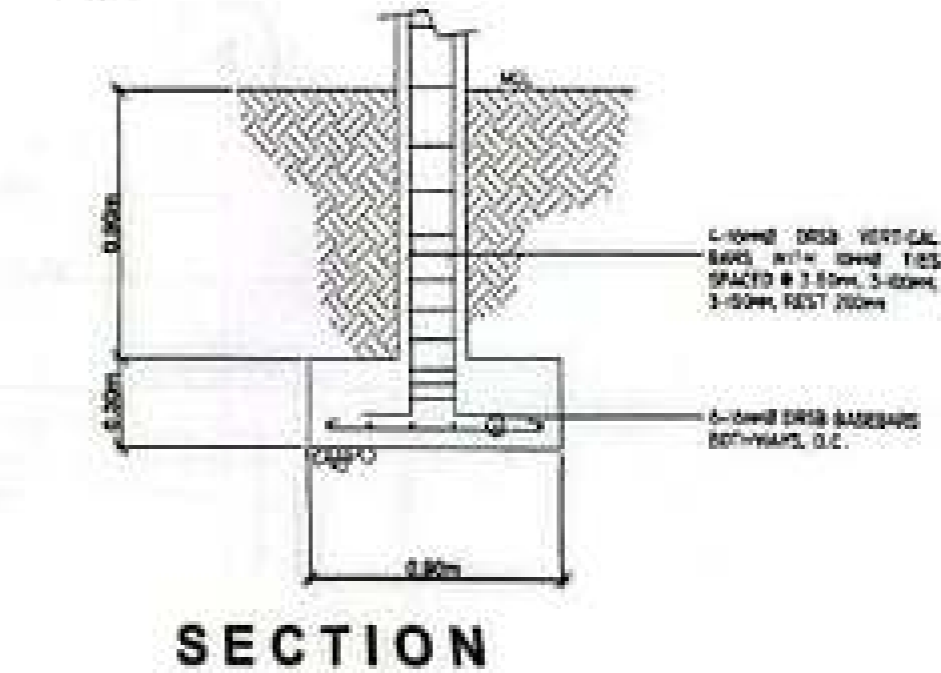
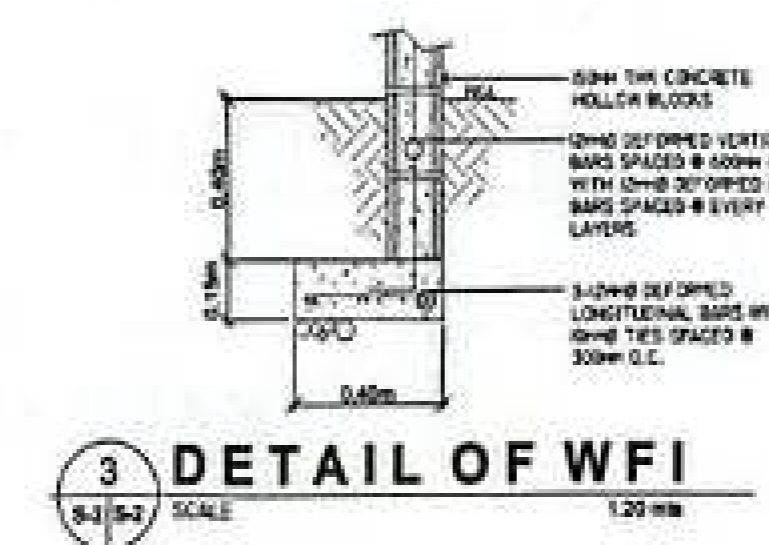
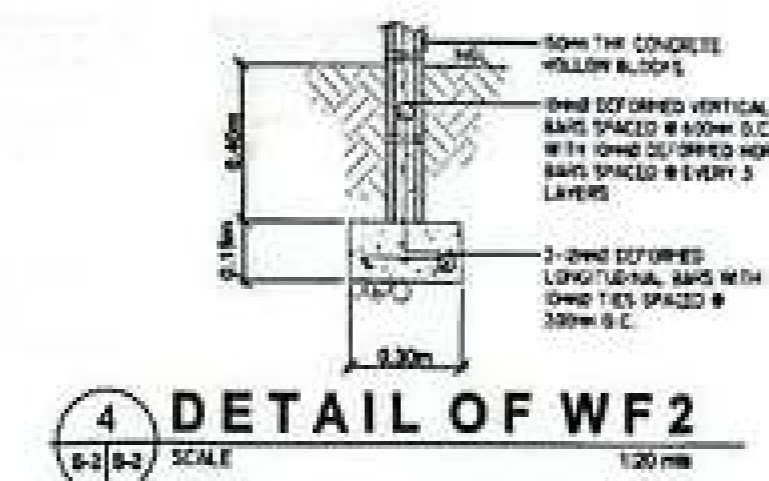
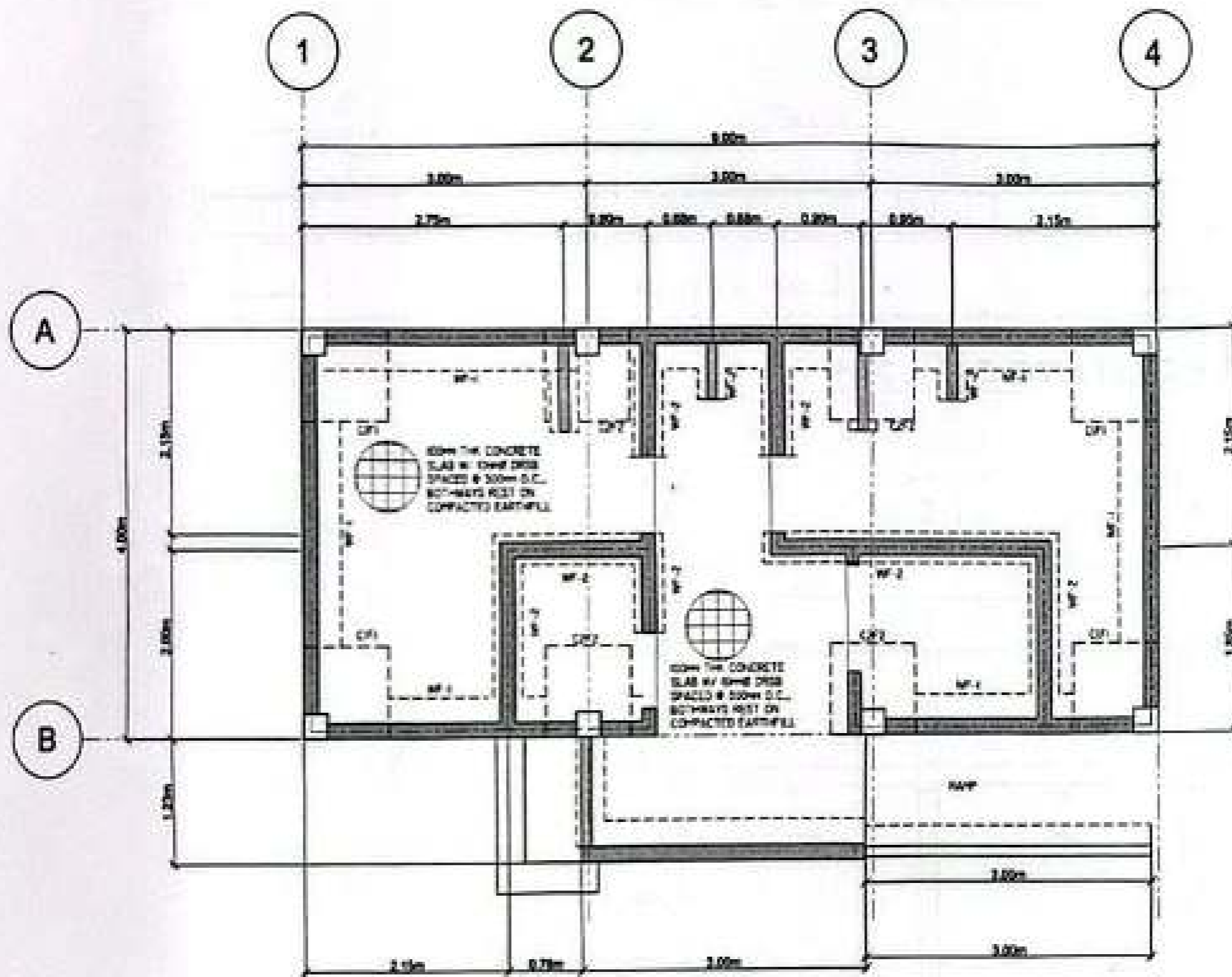
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2- Detail of C1F1
3- Detail of C1F2
4- Detail of WF1

DRAWING SCALE:

AS SHOWN

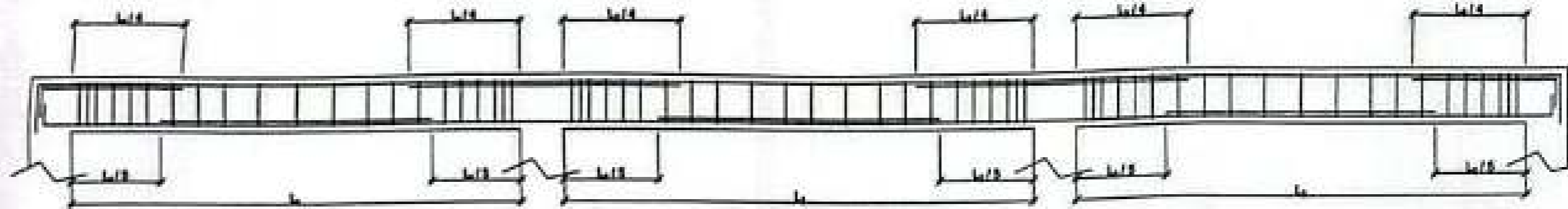
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S 02

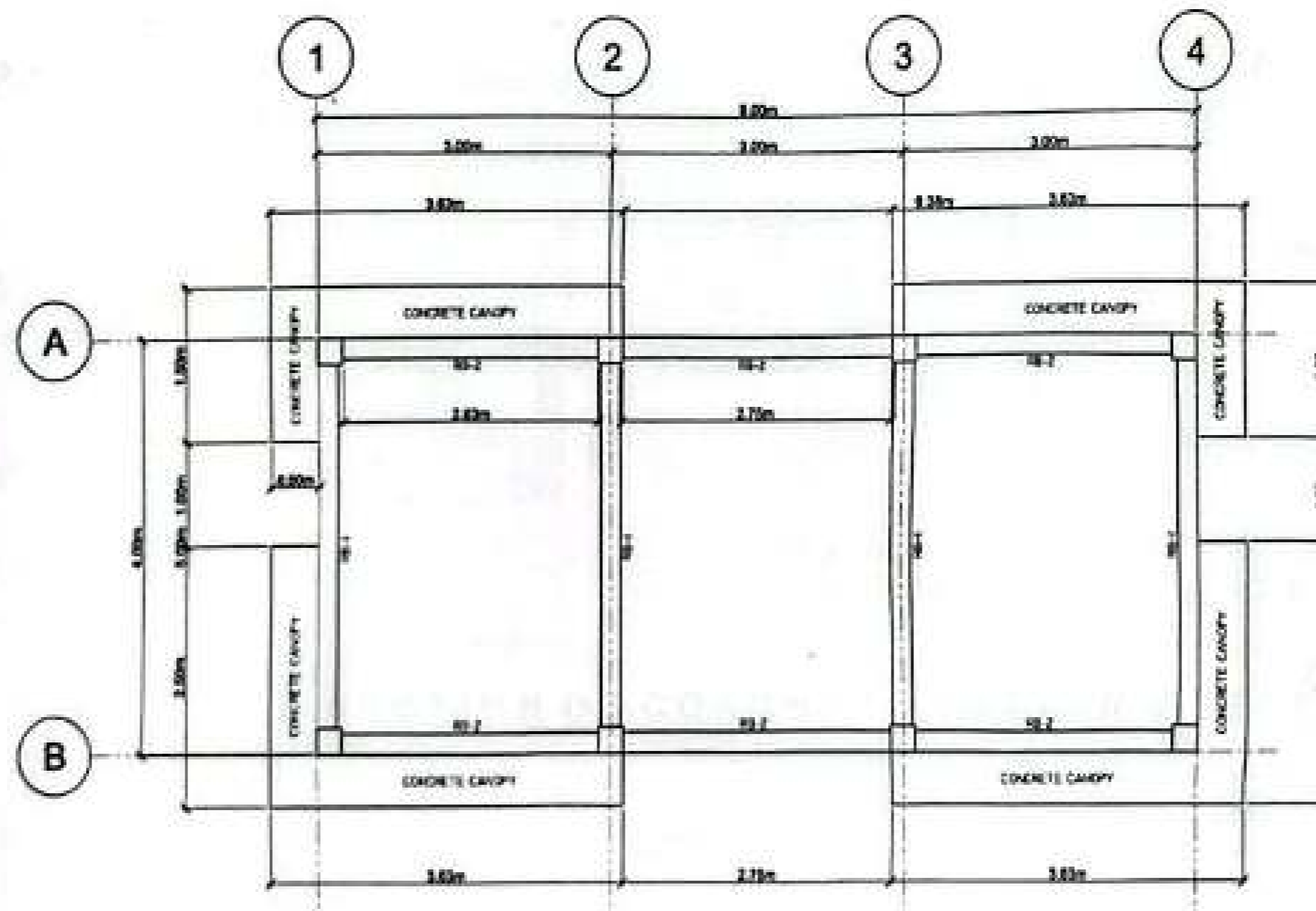


SCHEDULE OF BEAM/GIRDER

MARK	DIMENSION (MILLIMETERS)	BEAM SECTION						STIRRUPS (10mmØ DRSB)	LENGTH (METERS)	REMARKS
		LEFT	COUNT	MID	COUNT	RIGHT	COUNT			
RB-1	200mmx300mm		4		4		4	3-Ø20mm, 3-100mm, 3-150mm, REST 200mm O.C TO CL. TIES: # 16 G.I. TIE WIRE	4.00 METERS CENTER TO CENTER	4.00 SETS VERIFY
RB-2	200mmx300mm		4		4		4	3-Ø20mm, 3-100mm, 3-150mm, REST 200mm O.C TO CL. TIES: # 16 G.I. TIE WIRE	3.00 METERS CENTER TO CENTER (VERIFY ACTUAL)	8.00 SETS VERIFY



1 TYPICAL DETAIL OF ROOF BEAM
SCALE: 1:20 mm



2 ROOF BEAM FRAMING PLAN
SCALE: 1:40 mm



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
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DRAWN BY:	
CHECKED BY:	

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Acting Chief, Planning and Engineering Division

PREPARED BY:

JEFFERSON F. DOMINGO
Engineer - Area Office II

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NONE L. LARCUEZA
SAC - Manila Airport

APPROVED:

[Name]
[Title]

NOTES / REVISIONS

PROJECT TITLE
CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION
ROMBLON AIRPORT

SHEET CONTENTS
1. ROOF BEAM FRAMING PLAN
2. ROOF BEAM FRAMING PLAN

DRAWING SCALE	SHEET NO.
AS SHOWN	S 03



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DATE: FWH	

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Engineer - Area Center III

PREPARED BY:
ERNE H. SANTOS
Engineer - Area Center III

RECOMMENDED APPROVAL:
NONIE JANE L. LARGUEZA
CCP - Operations Agent

APPROVED:
GLENN O. BELLO
Engineer - Area Center III

NOTES / REVISIONS:

PROJECT TITLE:
CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION:
ROMBLON AIRPORT

SHEET CONTENTS:
GROUND PLUMBING LAYOUT PLAN
ROOF PLUMBING LAYOUT PLAN
WATERLINE LAYOUT PLAN
GROUND PLUMBING ISOMETRIC PLAN
ROOF PLUMBING ISOMETRIC PLAN
GENERAL NOTES
MATERIAL'S SPECIFICATION
PLUMBING & WATERLINE LEGENDS

DRAWING SCALE:	SHEET NO.
AS SHOWN	P 01

GENERAL NOTES:

- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTING, VALVE AND APPURTENANCE. ALL SUCH ITEMS WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF THE OWNER.
- ALL PLUMBING WORKS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTION OFFICE, PERTINENT PROVISIONS OF THE UNIFORM BUILDING CODE AND UNIFORM PLUMBING CODE.
- HORIZONTAL SANITARY SEWER PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AT A MINIMUM SLOPE OF 1% FOR PIPES 100mm & LARGER & 2% FOR 75mm & SMALLER.
- ALL VENT PIPES SHALL BE FREE FROM DROPS OR SAGS AND SHALL BE SLOPED OR GRADED AS TO DRIP BACK BY GRAVITY TO THE DRAINAGE PIPE IT SERVES.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, THAT IS, THE ACTUAL PIPE SIZES, LOCATIONS, DEPTHS, TOP AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND RELATED STRUCTURES. THE CONTRACTORS SHALL PROVIDE THE NECESSARY EXCAVATIONS, BACKFILLING AND SURFACE RESTORATION OF THE AFFECTED AREAS IN THE LAYING OF SEWER, STORM DRAINAGE AND WATER SUPPLY LINES.
- ALL DIMENSIONS AND PIPE SIZES ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
- THE DIGESTIVE CHAMBER OF SEPTIC TANK MUST BE WATERPROOF.
- NO SEPTIC TANK SHALL BE CONSTRUCTED UNDER THE BUILDING.
- ALL PLUMBING INSTALLATIONS SHALL BE COORDINATED w/ LICENSED SANITARY ENGINEER OR REGISTERED MASTER PLUMBER.
- ANY REVISIONS/CHANGES IN THE PLAN SHALL REQUIRE THE PRIOR APPROVAL OF OF THE LICENSED SANITARY ENGINEER OR REGISTERED MASTER PLUMBER.

MATERIAL'S SPECIFICATION:

WATER LINE PIPE

- SHALL BE GI PIPE OR UPVC PIPE.

SOIL AND WASTE PIPE

- SHALL BE UPOLYVINYL CHLORIDE (UPVC) PIPE SERIES 1000 S, "EMERALD" BRAND OR APPROVED EQUAL.
- FITTING SHALL BE SOLVENT CEMENT JOINT CONFORMING TO ASTM D2584.

VENT AND VENT STACK

- SHALL BE UPOLYVINYL CHLORIDE (UPVC) PIPE SERIES 1000 S, "EMERALD" BRAND OR APPROVED EQUAL.
- FITTING SHALL BE SOLVENT CEMENT JOINT CONFORMING TO ASTM D2584.

DOWNSPOUT

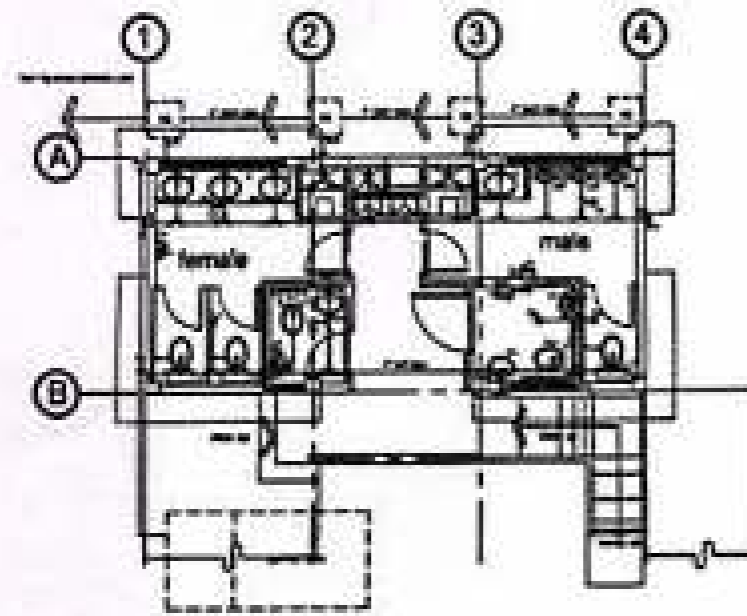
- SHALL BE UPOLYVINYL CHLORIDE (UPVC) PIPE SERIES 1000 S, "EMERALD" BRAND OR APPROVED EQUAL.
- FITTING SHALL BE SOLVENT CEMENT JOINT CONFORMING TO ASTM D2584.

STORM DRAINAGE SYSTEM

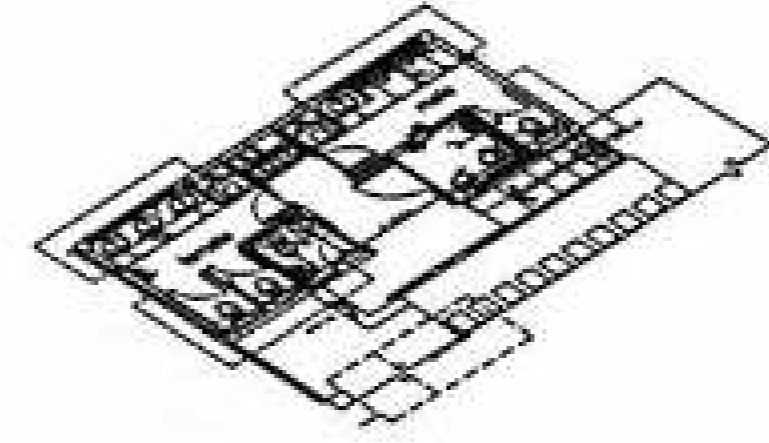
- SHALL BE UPOLYVINYL CHLORIDE (UPVC) PIPE SERIES 1000 S, "EMERALD" BRAND OR APPROVED EQUAL.
- FITTING SHALL BE SOLVENT CEMENT JOINT CONFORMING TO ASTM D2584.
- FOR OUTSIDE BUILDING, CONCRETE DRAIN PIPS (CDP), TONGUE AND GROOVE, MORTAR JOINTS.
- RE-INFORCED FOR 300mm AND LARGER.

PLUMBING LEGENDS	
	FLOOR DRAIN
	ROOF DRAIN
	LAVATORY
	WATER CLOSET
	FIXTURE VENT
	VENT THRU CEILING
	CLEAN OUT
	DOWNSPOUT
	URINAL
	RAIN WATER DRAIN FLOW
	BRANCH VENT
	SEPTIC TANK

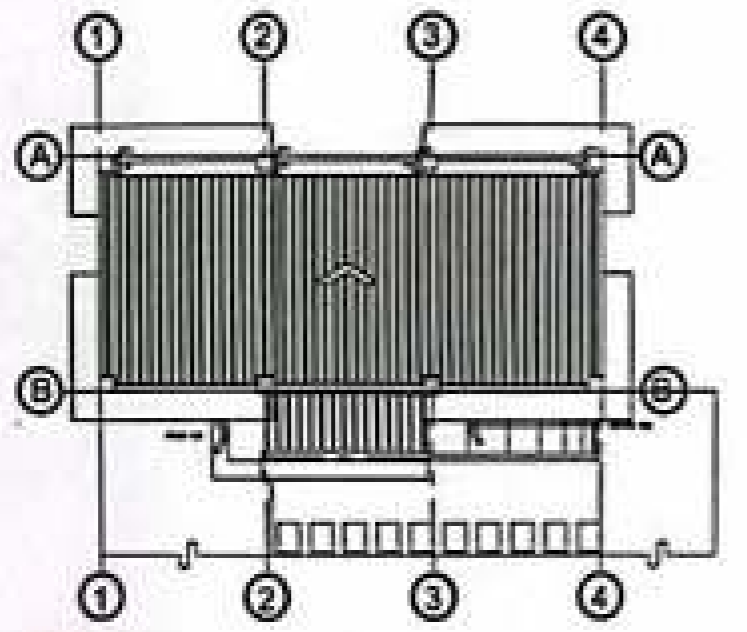
WATER LINE LEGENDS	
	LAVATORY
	WATER CLOSET
	HOSE BIBB
	HAND DRYER
	HAND SANITIZER
	URINAL
	FAUCET
	WATER LINE
	WATER METER
	CHECK VALVE
	GATE VALVE
	FROM MAIN WATER LINE



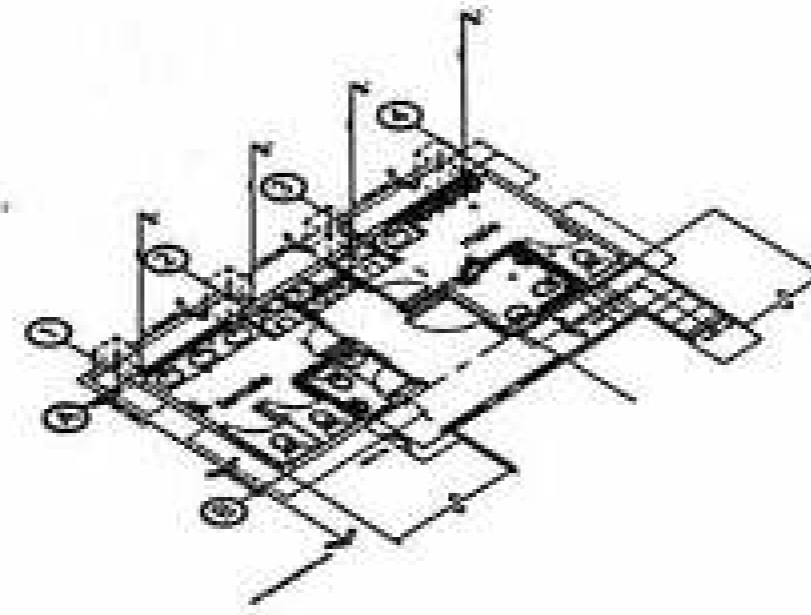
1 PROPOSED COMMUNAL TOILET
GROUND PLUMBING LAYOUT PLAN
SCALE: 1:100 M



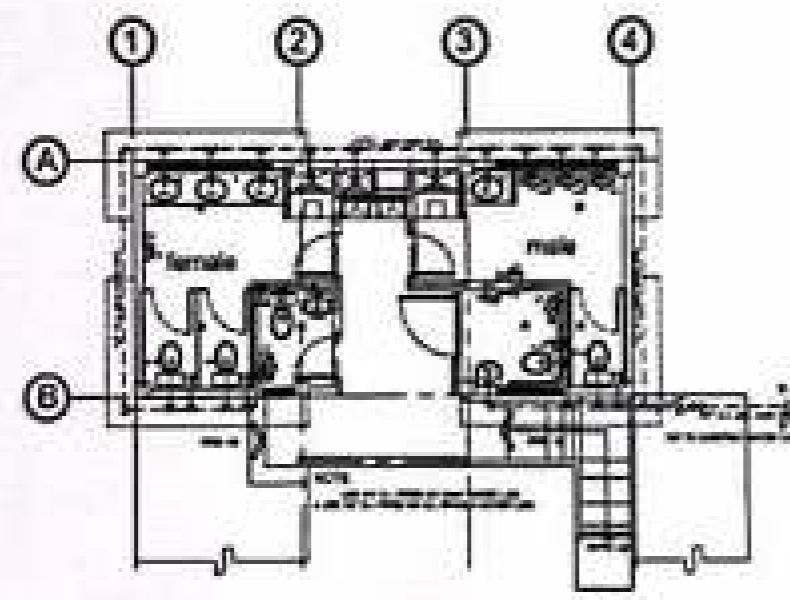
4 PROPOSED COMMUNAL TOILET
GROUND PLUMBING ISOMETRIC PLAN
SCALE: 1:100 M



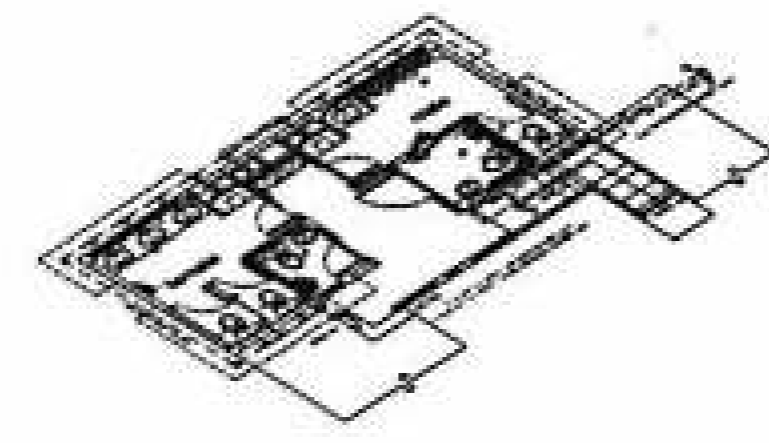
2 PROPOSED COMMUNAL TOILET
ROOF PLUMBING LAYOUT PLAN
SCALE: 1:100 M



5 PROPOSED COMMUNAL TOILET
ROOF PLUMBING ISOMETRIC PLAN
SCALE: 1:100 M



3 PROPOSED COMMUNAL TOILET
WATERLINE LAYOUT PLAN
SCALE: 1:100 M



6 PROPOSED COMMUNAL TOILET
WATERLINE ISOMETRIC PLAN
SCALE: 1:100 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

DRAWN BY: RMD

CHECKED BY: EPN

DATE: 11/11/2011

CHECKED BY: [Signature]

PREPARED BY: [Signature]

RECOMMENDED APPROVAL: [Signature]

APPROVED: [Signature]

NOTES / REVISIONS:

PROJECT TITLE:

CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION:

ROMBLON AIRPORT

SHEET CONTENTS:

MISCELLANEOUS STANDARD DETAILS - FLOOR, GROUND & CEILING CLEAN OUT

CEILING CLEAN OUT

OFFSET PIPE CLAMP

PIPE HANGER

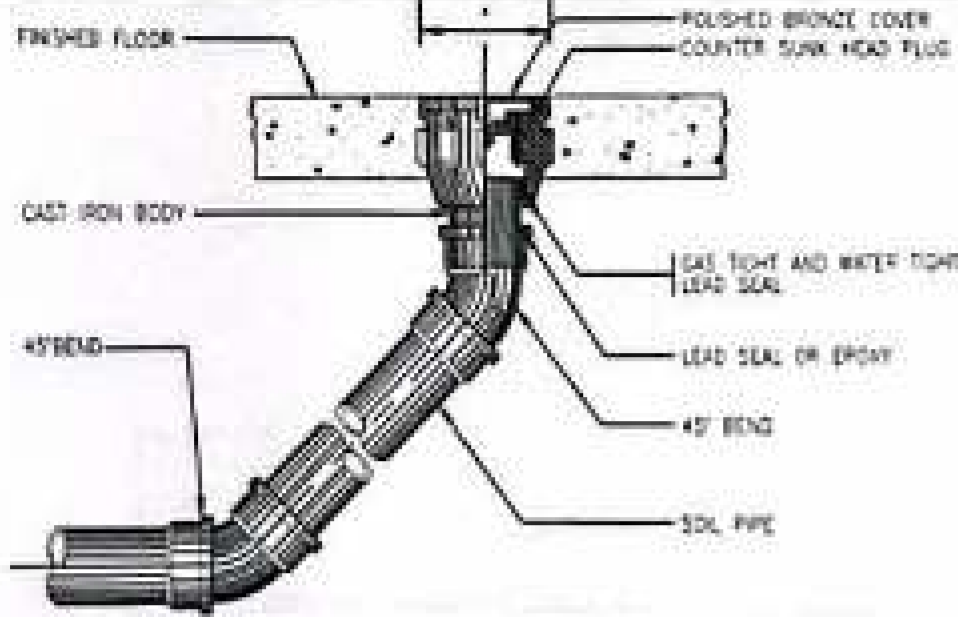
VENT THRU ROOF

ROOF DRAIN

CATCH BASIN

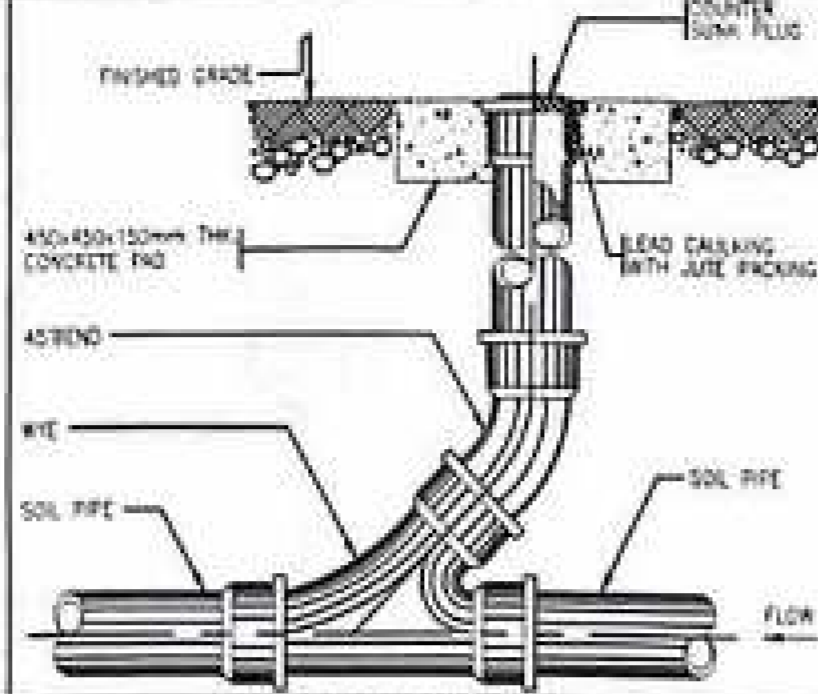
DRAWING SCALE: AS SHOWN

SHEET NO: P 02

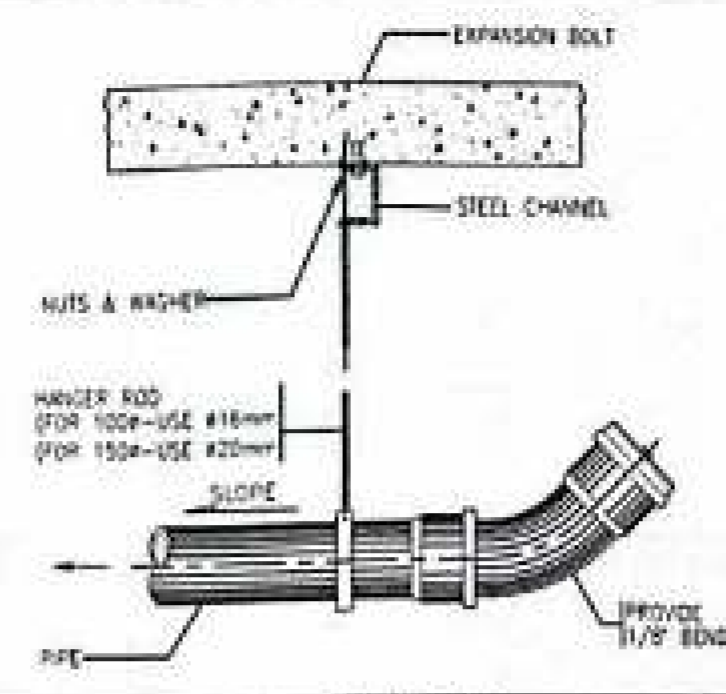


PIPE SIZE (mm)	A	REMARKS
50	73	SIMILAR TO JAPAN MODEL JCD-152-R OR APPROVED EQUAL.
75	128	
100	142	

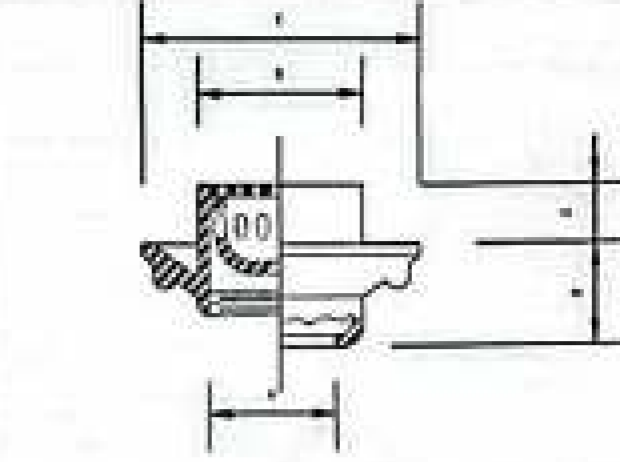
A PROPOSED COMMUNAL TOILET FLOOR CLEAN OUT
SCALE: 1/4" = 1'-0" NTS



B PROPOSED COMMUNAL TOILET GROUND CLEAN OUT
SCALE: 1/4" = 1'-0" NTS

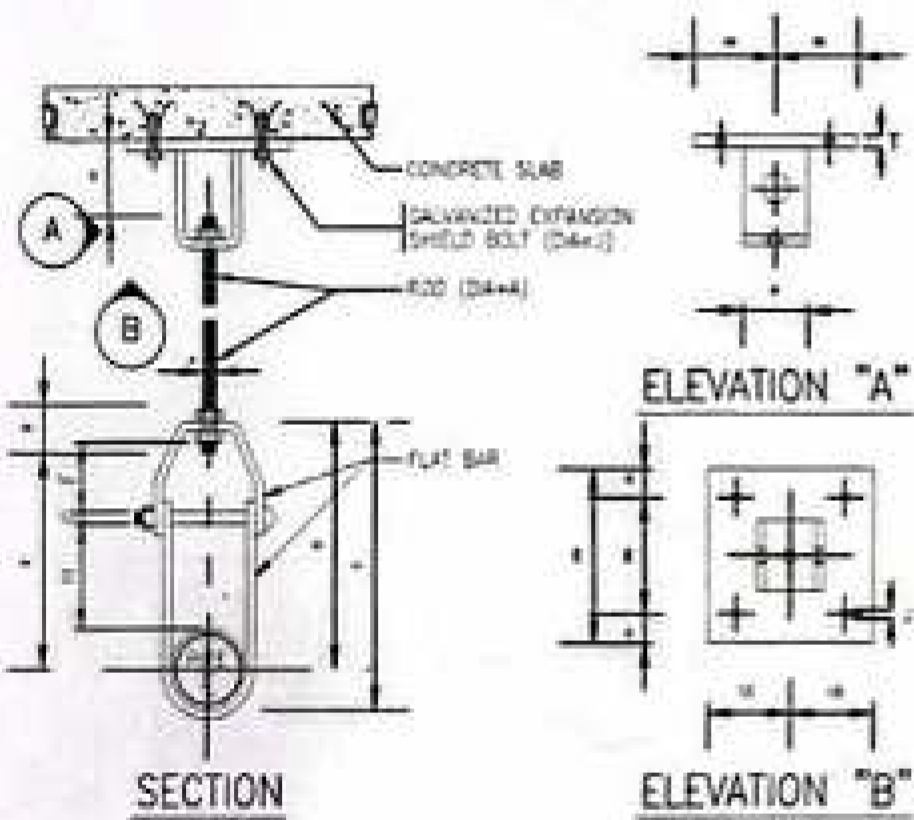


C PROPOSED COMMUNAL TOILET CEILING CLEAN OUT
SCALE: 1/4" = 1'-0" NTS



PIPE SIZE A(mm)	DIMENSION (M)				REMARKS
	B	C	D	E	
50	0.254	0.343	0.102	0.064	SIMILAR TO METAL MODEL M-238 OR APPROVED EQUAL

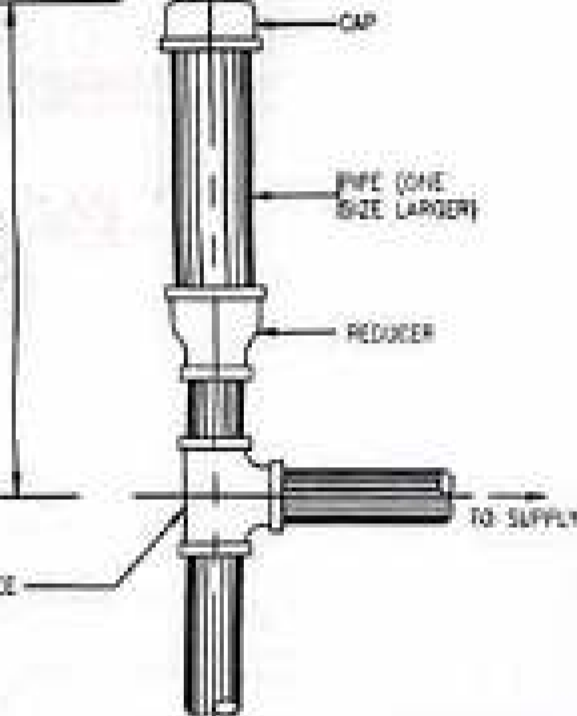
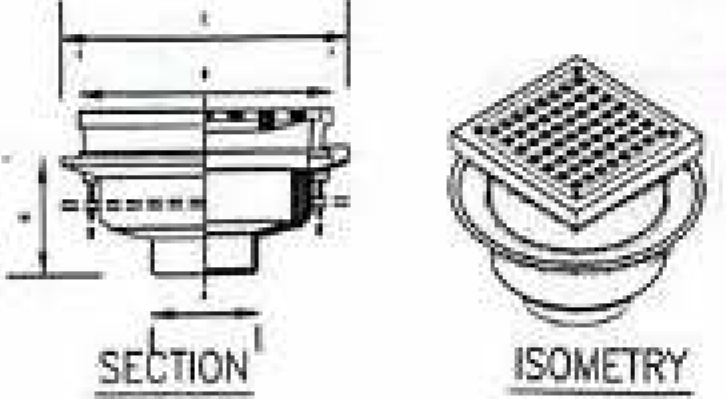
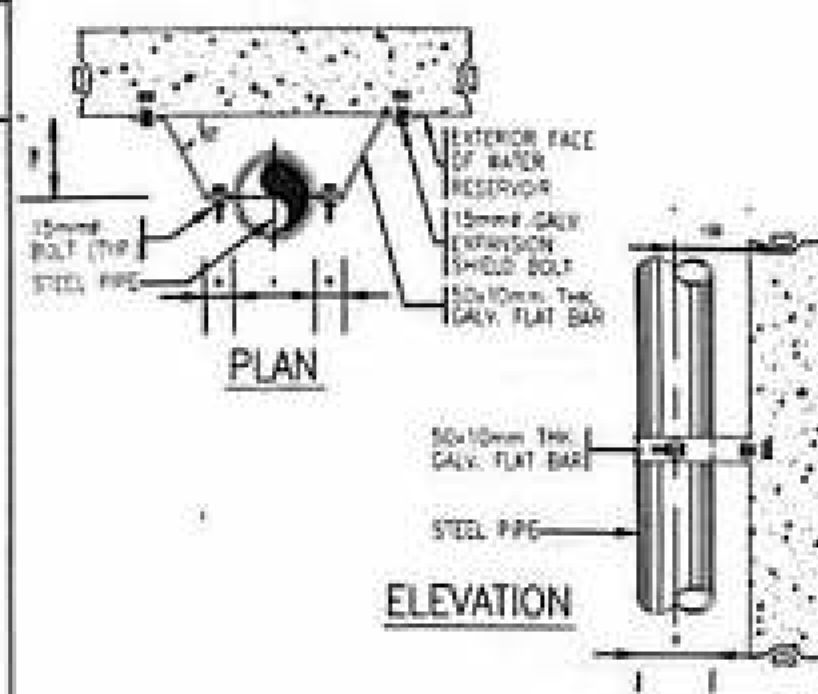
D PROPOSED COMMUNAL TOILET FLOOR DRAIN
SCALE: 1/4" = 1'-0" NTS



E PROPOSED COMMUNAL TOILET OFFSET PIPE CLAMP
SCALE: 1/4" = 1'-0" NTS

PIPE SIZE (mm)	FLAT BAR SIZE (mm)	DIMENSIONS IN mm										
		A	B	C	D	E	F	G	H	J	T	M
15-25	3x25	10	100	118	65	82	18	8	50	14	10	50
32-40	3x25	10	121	148	65	103	27	8	50	14	10	50
50	3x25	10	189	221	65	165	41	8	100	14	10	50
65-75	5x32	13	219	262	75	190	45	10	100	14	10	50
100	6x32	18	233	293	93	208	48	10	100	14	10	50
150	6x40	18	270	350	100	238	49	13	100	18	13	65

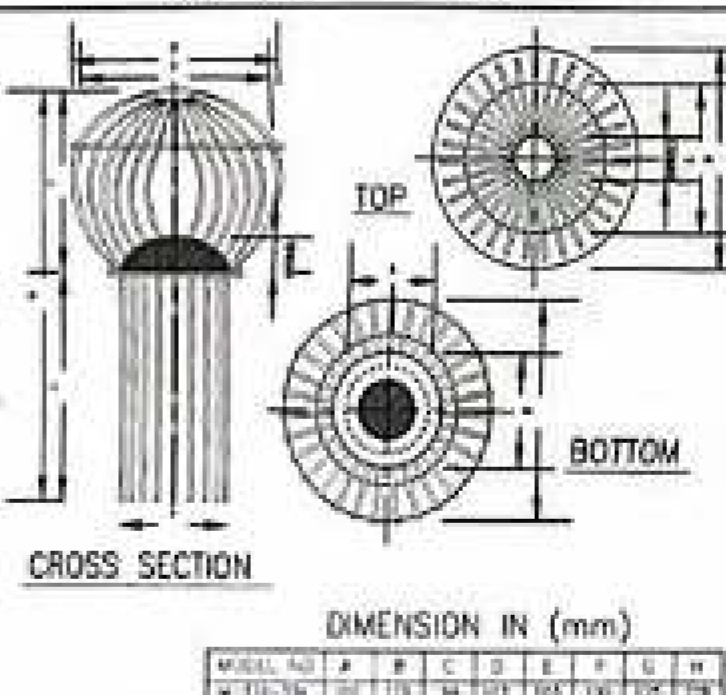
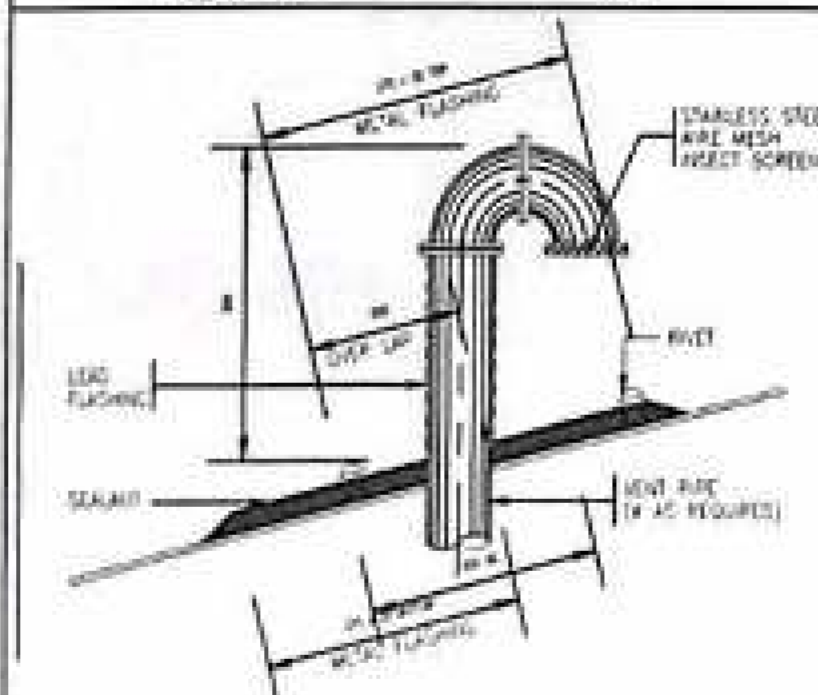
H PROPOSED COMMUNAL TOILET PIPE HANGER
SCALE: 1/4" = 1'-0" NTS



F PROPOSED COMMUNAL TOILET DECK DRAIN
SCALE: 1/4" = 1'-0" NTS

PIPE SIZE A(mm)	DIMENSIONS IN mm			OPEN AREA mm ²	DESCRIPTION
	B	C	D		
75	250	300	106	22504	SIMILAR TO JAPAN MODEL JCD-142

G PROPOSED COMMUNAL TOILET AIR CHAMBER
SCALE: 1/4" = 1'-0" NTS



I PROPOSED COMMUNAL TOILET VENT THRU ROOF
SCALE: 1/4" = 1'-0" NTS

J PROPOSED COMMUNAL TOILET ROOF DRAIN
SCALE: 1/4" = 1'-0" NTS

K PROPOSED COMMUNAL TOILET CATCH BASIN
SCALE: 1/4" = 1'-0" NTS

1 PROPOSED COMMUNAL TOILET MISCELLANEOUS STANDARD DETAILS
SCALE: 1/4" = 1'-0" NTS



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
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DRAWN BY: DDD	
CHECKED BY: EPE	
DATE: FHM	

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 Engineer - Area Center II

PREPARED BY:

 BRALLS HANZEL P. MANTOS
 Engineer - Area Center II

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 NONIE JUNE L. LARGUIZA
 OIC, Building Dept.

APPROVED:

 Project Manager - Area Center II

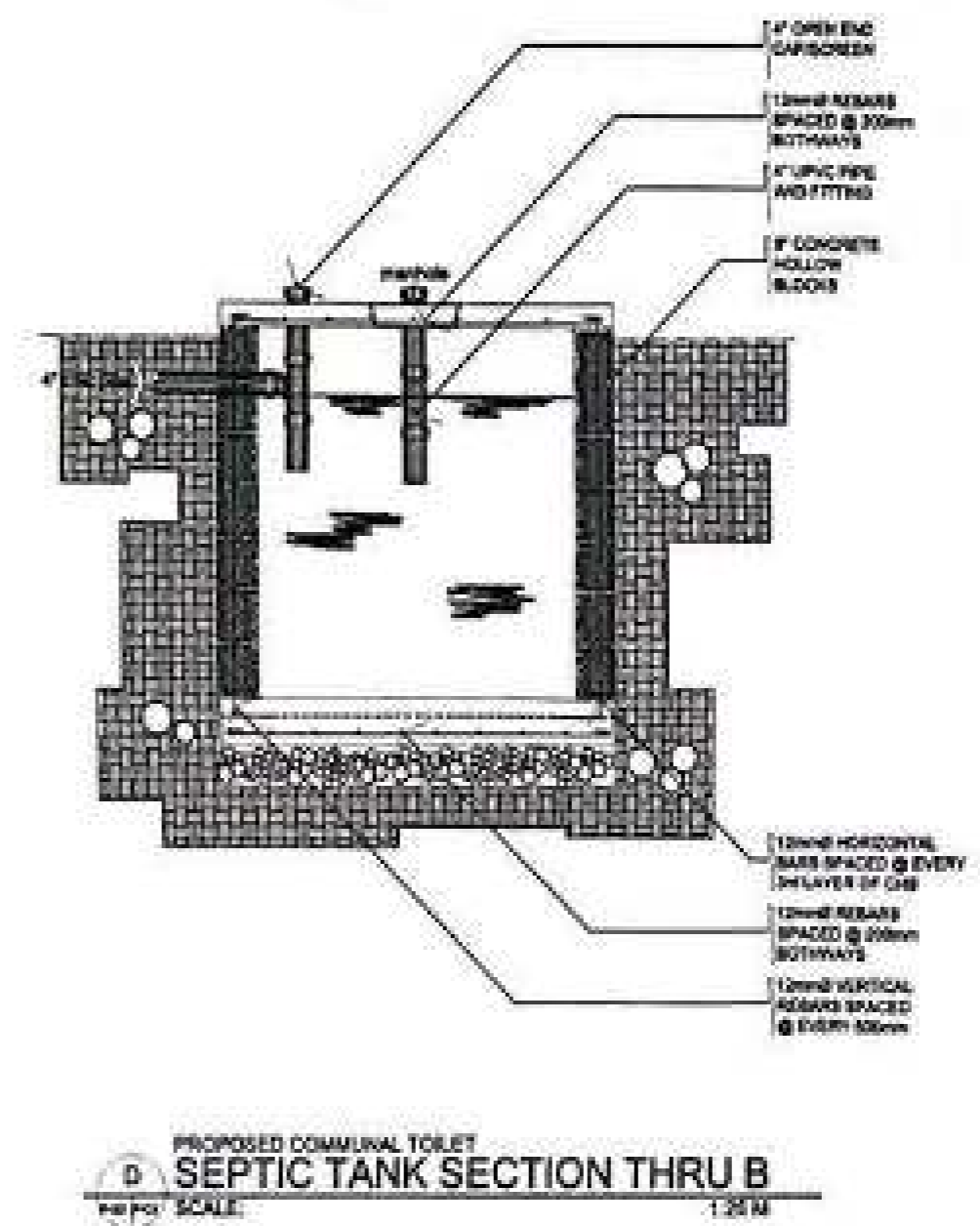
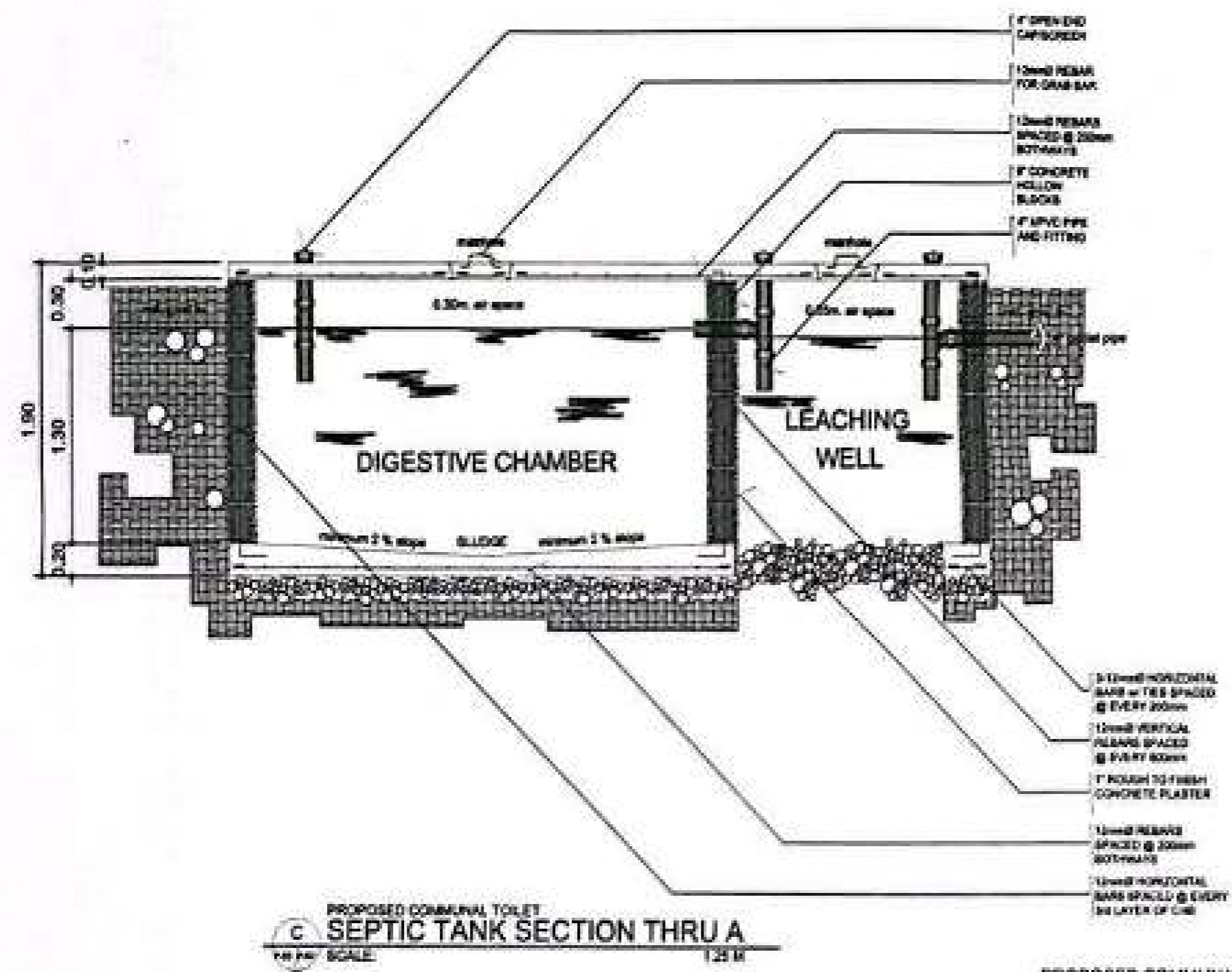
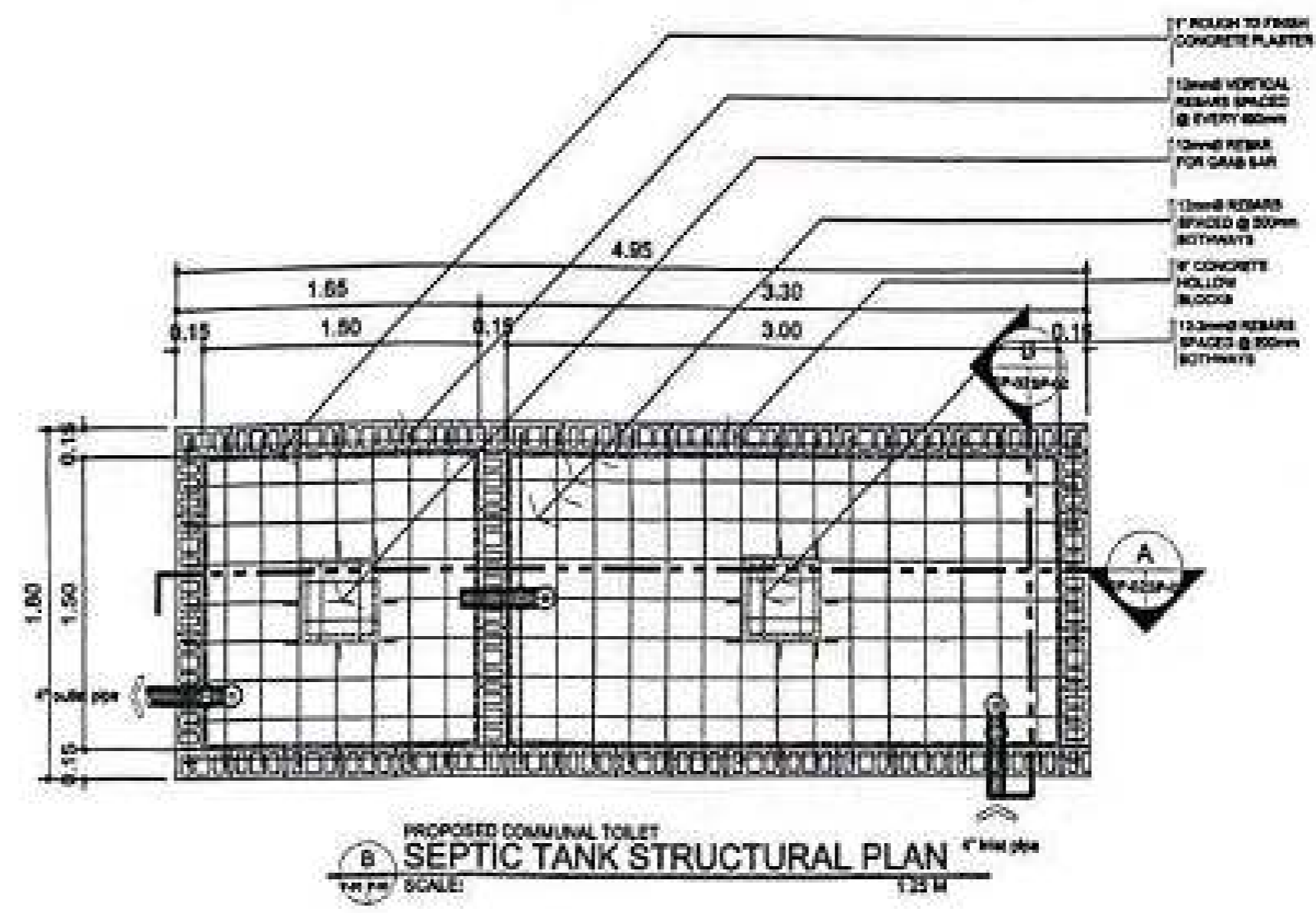
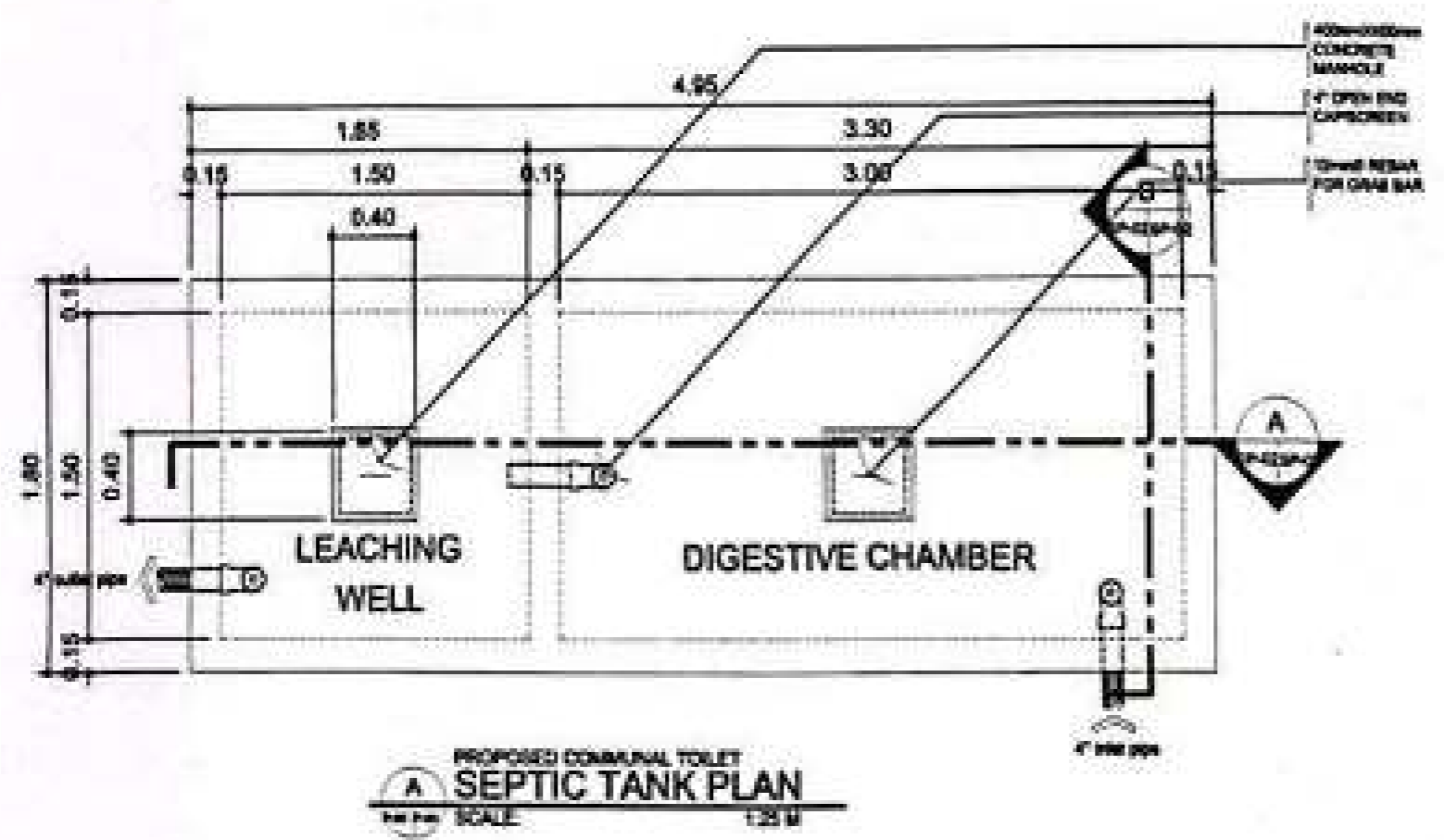
NOTES / REVISIONS:

PROJECT TITLE:
CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION:
ROMBLON AIRPORT

SHEET CONTENTS:
 SEPTIC TANK DETAILS
 SEPTIC TANK PLAN
 SEPTIC TANK STRUCTURAL PLAN
 SEPTIC TANK SECTION THRU AA
 SEPTIC TANK SECTION THRU BB

DRAWING SCALE:	SHEET NO.
AS SHOWN	P 03





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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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CHECKED BY:	

CHECKED BY:
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Asst. Chief, Planning and Engineering Division

PREPARED BY:
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Asst. Chief, Area Office II

RECOMMENDED APPROVAL:
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Asst. Chief, Area Office II

APPROVED:
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NOTES / DIVISIONS:

PROJECT TITLE:
CONSTRUCTION OF GENDER NEUTRAL TOILET AT ROMBLON AP GAD

LOCATION:
ROMBLON AIRPORT

SHEET CONTENTS:
GENERAL NOTES & SPECIFICATIONS
LEGEND
LIGHTING & POWER LAYOUT
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SCHEDULE OF LOADS
WIRING DETAILS

DRAWING SCALE:	SHEET NO.:
AS SHOWN	E 01

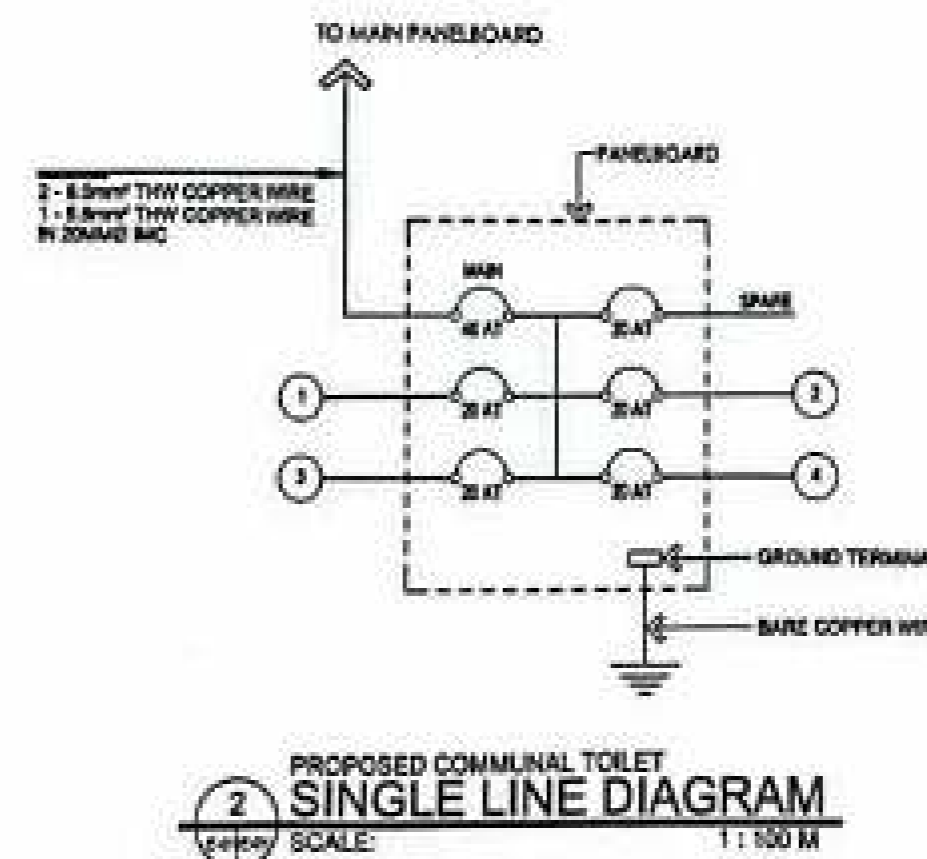
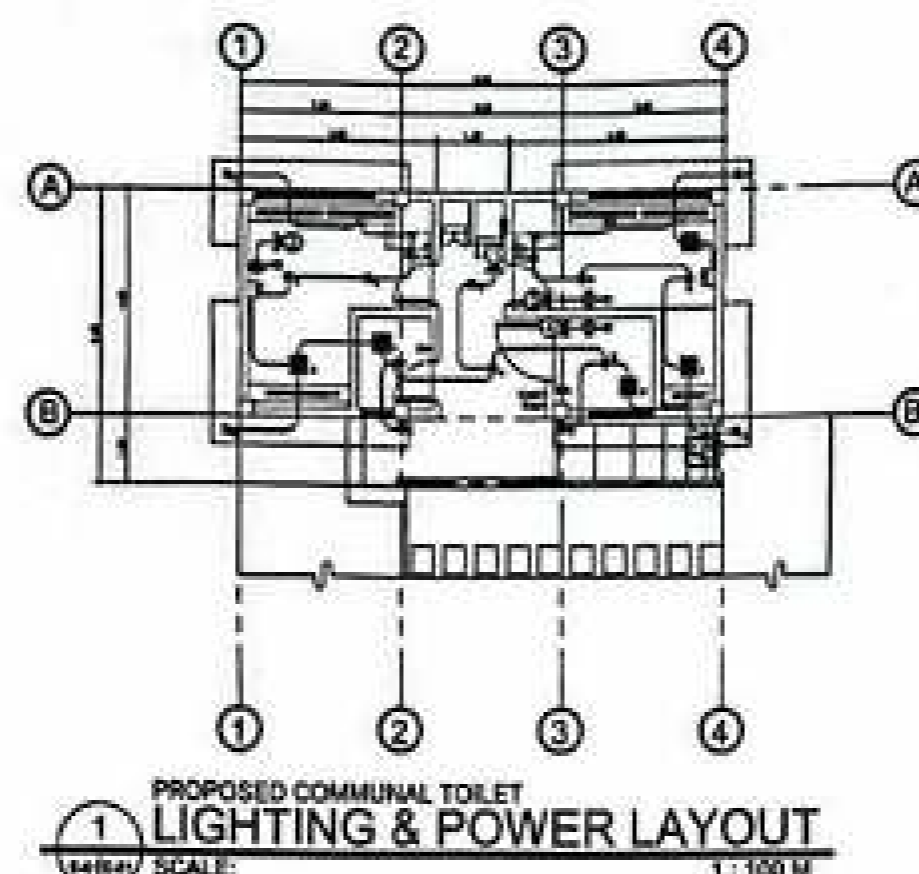
GENERAL NOTES & SPECIFICATIONS:

- ALL ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE PHILIPPINE ELECTRICAL CODE.
- ALL MATERIALS TO BE USED SHALL BE NEW AND OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
- WIRES AND CABLES TO BE USED SHALL BE UNDERWRITERS LABORATORY (UL) LISTED.
- MATERIALS AND EQUIPMENT TO BE USED (LIGHTING FIXTURES, BALLAST, FLUORESCENT TUBE, WIRING DEVICES, CIRCUIT BREAKERS, CONDUIT AND FITTINGS, ENCLOSURES, WIRES AND CABLES, ETC) SHALL HAVE IMPORTED COMMODITY CLEARANCE (ICC LABEL) FOR FOREIGN MADE PRODUCTS AND P.S. MARK FOR LOCAL IN NATURE OF THE BUREAU OF PRODUCT STANDARD (BPS).
- EMERGENCY LIGHTS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT PROVIDED WITH SINGLE OUTLET.
- JUNCTION BOXES AND PULL BOXES GAUGE NO. 18 (MINIMUM) SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER REQUIRED AND NECESSARY AND SHALL BE INSTALLED AT CONVENIENT SPACE AND LOCATION TO FACILITATE WIRE PULLING EVEN IF THESE ITEMS ARE NOT SHOWN IN THE PLAN.
- PANEL BOARD SHALL BE FLUSH MOUNTED AND SHALL BE EQUIPPED WITH GROUND KIT TERMINALS WITH NUMBER OF TERMINALS EQUAL TO THE NUMBER OF BRANCH CIRCUITS.
- ALL BRANCH CIRCUIT BREAKER SHALL BE BOLT-ON TYPE WITH 10 KAC MINIMUM OR AS INDICATED IN THE LOAD SCHEDULE.
- ALL WORKS SHALL BE EXECUTED IN A WORKMANSHIP MANNER AND SHALL PRESENT A NEAT AND ORDERLY ACCEPTANCE. ALL WORKS SHALL BE CONCEALED AS MUCH AS POSSIBLE.

MOUNTING HEIGHTS:

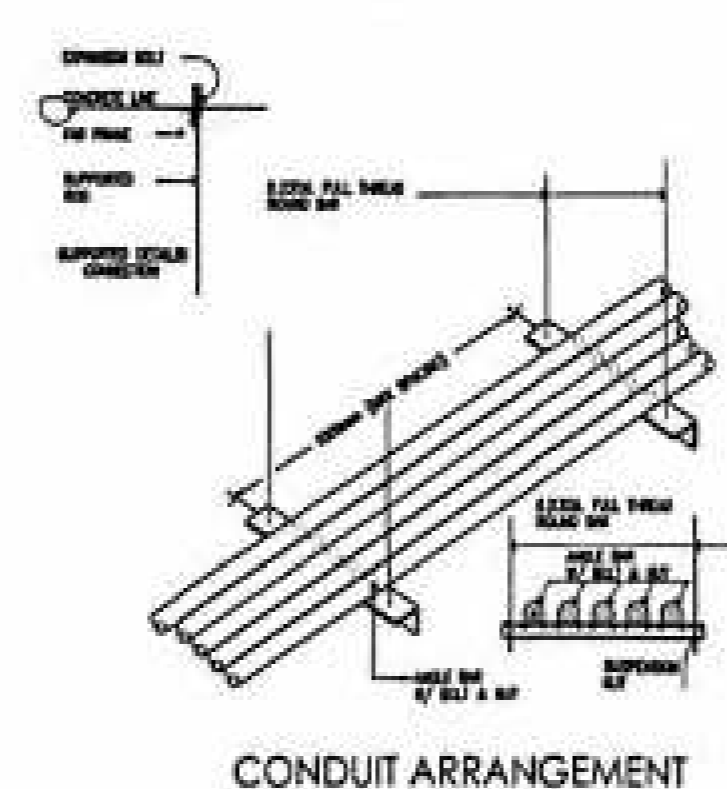
FIXED WIRE	1.80 M	FROM TOP OF FINISH TO FINISHED FLOOR LEVEL
HAND DRYER OUTLETS	1.50 M	FROM CENTER OF OUTLET TO FINISHED FLOOR LEVEL
WALL SWITCHES	1.50 M	FROM CENTER OF DEVICE TO FINISHED FLOOR LEVEL

LEGEND	
⊙	4" DIA. RECESSED TYPE VERTICAL LAMP DOWNLIGHT FIXTURE, POWDER COATED WHITE FINISH STEEL HOUSING AND MATTE ALUMINUM REFLECTOR AND FULL PROTECTED GLASS COVER WITH 14W, 400-LUMEN WARM WHITE LED BULB. LETTER DENOTES CONTROL/SWITCH.
⊙	4" DIAMETER SURFACE MOUNTED DOWNLIGHT FIXTURE, POWDER COATED WHITE FINISH STEEL HOUSING AND MATTE ALUMINUM REFLECTOR AND FULL PROTECTED GLASS COVER WITH 14W, 400-LUMEN WARM WHITE LED BULB. LETTER DENOTES CONTROL/SWITCH.
⊙	4" DIA. RECESSED TYPE DOWNLIGHT FIXTURE, POWDER COATED WHITE FINISH STEEL HOUSING AND MATTE ALUMINUM REFLECTOR AND FULL PROTECTED GLASS COVER WITH 14W, 400-LUMEN WARM WHITE LED BULB. LETTER DENOTES CONTROL/SWITCH.
⊙	4" DIA. OUTDOOR WALL LAMP WITH DIE-CAST ALUMINUM MOUNTING BRACKET, PROTECTED GLASS DIFFUSER, WATERPROOF AND DURABLE SILICONE RUBBER GASKET WITH 3x7.5W, 800-LUMEN COOL DAYLIGHT LED BULB. LETTER DENOTES CONTROL/SWITCH.
—	T5 LED TUBE, 18-WATTS, 1800-LUMEN, 1.20M WARM WHITE SOX TYPE SET, LETTER DENOTES CONTROL/SWITCH.
—	T5 LED TUBE, 10-WATTS, 800-LUMEN, 0.90M WARM WHITE SOX TYPE SET, LETTER DENOTES CONTROL/SWITCH.
⊕	HEAVY DUTY EMERGENCY LAMP DUAL OPTICS, 3-WATTS LED BULB
⊕	HAND DRYER UNIVERSAL OUTLET, 10A, 250V, GROUNDING TYPE WITH MOUNTING AND DEVICE PLATE COVER
⊕	14" CEILING TYPE EXHAUST FAN
—	ONE-GANG SWITCH, 15A, 250V, WITH MOUNTING STRAP AND DEVICE PLATE COVER, SUBSCRIPT LETTER INDICATES LIGHT BEING CONTROLLED
—	TWO-GANG SWITCH, 15A, 250V, WITH MOUNTING STRAP AND DEVICE PLATE COVER, SUBSCRIPT LETTER INDICATES LIGHT BEING CONTROLLED
—	THREE-GANG SWITCH, 15A, 250V, WITH MOUNTING STRAP AND DEVICE PLATE COVER, SUBSCRIPT LETTER INDICATES LIGHT BEING CONTROLLED
—	PANELBOARD (SEE SCHEDULE OF LOADS FOR THE RATING)
—	CIRCUIT HOME/RUN TO PANELBOARD
—	CIRCUIT BREAKER, BOLT-ON TYPE (SEE SCHEDULE OF LOADS FOR THE RATING)



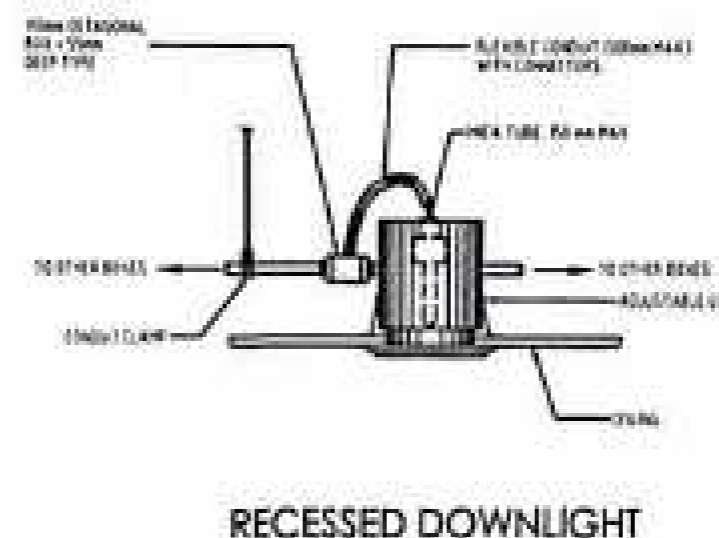
SCHEDULE OF LOADS: PB: 230VOLTS, 1-PHASE, 2WIRE + G

CRT. No.	LOAD DESCRIPTION	NO. OF OUTLET	VOLTS	VA PER CIRCUIT	PHASE	AMP	CB RATING	SIZE OF WIRE	SIZE OF CONDUITS
1	LIGHTING/EXHAUST FAN OUTLET	20	230	1450	1	6.30	20AT, 2P	2-3.5mm ² THHN/THWN-2 CU WIRE 1-2.5mm ² THHN/THWN-2 CU WIRE	15mmø EMT CONDUIT
2	HAND DRYER OUTLET	1	230	1800	1	6.62	20AT, 2P	2-3.5mm ² THHN/THWN-2 CU WIRE 1-2.5mm ² THHN/THWN-2 CU WIRE	15mmø EMT CONDUIT
3	HAND DRYER OUTLET	1	230	1800	1	6.62	20AT, 2P	2-3.5mm ² THHN/THWN-2 CU WIRE 1-2.5mm ² THHN/THWN-2 CU WIRE	15mmø EMT CONDUIT
4	HAND DRYER OUTLET	1	230	1800	1	6.62	20AT, 2P	2-3.5mm ² THHN/THWN-2 CU WIRE 1-2.5mm ² THHN/THWN-2 CU WIRE	15mmø EMT CONDUIT
5	SPARE		230	1800	1	6.62	20AT, 2P	2-3.5mm ² THHN/THWN-2 CU WIRE 1-2.5mm ² THHN/THWN-2 CU WIRE	15mmø EMT CONDUIT
T O T A L						31.08			
		$I_1 = 31.08 \times 1.25$			FOR THE FEEDER CONDUCTOR:		FOR THE FEEDER PROTECTION:		
		$I_2 = 38.85 \text{ A}$			USE: 2 - 8.5mm ² THHN/THWN-2 COPPER WIRE 1 - 2.5mm ² THHN/THWN-2 COPPER WIRE IN 20MMø MC		USE: 40AT, 50AT, 3-POLE, 230V, 10KAC CB		



PROPOSED COMMUNAL TOILET SCHEDULE OF LOADS

SCALE: 1:100 M



PROPOSED COMMUNAL TOILET WIRING DETAILS

SCALE: NTS