

LAGOON

NOTES.

THE CONSTRUCTION SHALL COMMENCE AFTER THE SITE HAS BEEN CLEARED OR DONE ACCORDING TO THE INSTRUCTION. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT IMMEDIATELY SHOULD THERE BE ANY DISCREPANCIES.

CARE TO BE TAKEN TO PROTECT EXISTING ADJACENT STRUCTURE, PIPES AND OTHER UNDERGROUND ITEMS DURING BUILDING IMPLEMENTATION. MAKE GOOD WHEN ANY DAMAGE INCURRED

NEW FENCE AND NEW LOCATION 1.5M BACK FORM THE DEMOLISHED FENCE REFER TO SHEET A103.

EXISTING FENCE TO BE DEMOLISHED.

PROPOSED LOCATION FOR EXTENSION.

14.0M Proposed extension

PUB SEWER LINE

SITE LOCATION

SCALE: 1:200



EXISTING BUILDING

WORLD WAR II BUNKER

NEW OUTDOOR SEATING AREA

NEW MATERNITY WARD

Proposed ramp

EXISTING GATE

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		SITE PLAN	
TDS		Technical File No.	Project No. 032104 MHMS
		Scale 1:200	Date
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		sheet 001	Drawing No.

CONSTRUCTION SPECIFICATION

ALL SETOUT AND CONSTRUCTION DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO STARTING ANY WORKS BY THE CONTRACTOR OR SUB-CONTRACTORS. REFER ANY DISCREPANCIES TO ARCHITECT FOR RESOLUTION.

ROOF PLUMBING

GUTTERS
STAINLESS STEEL 316 or BETTER EAVES GUTTERING. LYSAGHT 125 QUAD OR APPROVED EQUIVALENT. FIX GUTTER TO TIMBER FASCIA WITH MATCHING GUTTER BRACKETS.
FALL GUTTER TO DOWNPIPES AT A MINIMUM GRADIENT OF 1 IN 400. TEST FALL OF GUTTER BY FILLING WITH WATER AND ENSURING WATER FULLY DRAINS TO DOWNPIPES.
INSTALL GUTTERS PRIOR TO FIXING ROOF SHEETING.
DO NOT USE PVC PIPE INSTEAD OF STEEL GUTTERING.

DOWNPIPES
90ø UPVC – PAINT FINISH.
CORRUGATED STEEL ROOFING – COLOR STEEL MAXX
FIX STEEL ROOFING TO TIMBER ROOFING BATTENS WITH GALVANISED ROOFING SCREWS – FINISH TO MATCH ROOF SHEETING COLOR STEEL MAXX.

RIDGE & BARGE CAPPINGS
FOLDED STEEL SHEET – ZINCALUME ZINISH
FIX CAPPINGS THROUGH STEEL ROOFING TO TIMBER ROOFING BATTENS WITH GALVANISED ROOFING NAILS OR ROOFING SCREWS

RAINWATER TANKS
6,000 LITRE POLYETHELENE RAINWATER TANK. PROVIDE ALUMINIUM MESH INSECT SCREEN AT INLET IN TOP OF TANK. 1000 LITRE POLYETHELENE HEADER TANK ON BLOCKWORK PLATFORM.

ROOF FRAMING

ALL TIMBER FRAMING SHOULD BE TERMITE TREATED AND COMPLY WITH AS 1684.

TIMBER TRUSSES
REFER TO SECTIONS AND DETAILS FOR TRUSSES DESIGN. BE SURE TO INSTALL ALL BOTTOM CHORD TIES, ROOF BRACING AND TIES TO TOP PLATES.

CEILING BATTENS
NAIL FIX 50x50 CEILING BATTENS TO UNDERSIDE OF TIMBER TRUSSES AT 600 CENTRES IN BOTH DIRECTIONS.

BLOCKWORK & CONCRETING

CONCRETE BLOCKS
390x190x190 CONCRETE BLOCKS LAID IN STRETCHER BOND. 10mm FLUSH JOINTED MORTAR TO SPECIFICATION. RUN STRING LINE FOR ALL BLOCKWORK COURSES. DO NOT TOOL JOINTS.

BLOCKWORK FINISH
CHECK DETAILS FOR INSTALATION OF REINFORCING. BACKFILL HOLLOW BLOCKS WITH GROUT.

MORTAR MIX
FLUSH JOINTED MORTAR (DO NOT TOOL JOINTS).
BAG BLOCKWORK EXTERNALLY WITH CEMENT RENDER AND PAINT FINISH
RENDER BLOCKWORK INTERNALLY AND PAINT FINISH

GROUT MIX
1:3
CEMENT:SAND RATIO

CONCRETE MIX
1:1:2:4
WATER:CEMENT:SAND:AGGREGATE (10mm) RATIO
USE AT LEAST 300KG OF CEMENT PER CUBIC METRE OF CONCRETE.
WASH SAND WITH FRESH WATER OR USE SIKA PERROGARD 901 ADDITIVE.

REINFORCING
0.75:1:2:4
WATER:CEMENT:SAND:AGGREGATE (20mm) RATIO
LAY CONCRETE SLAB OVER BLACK PLASTIC SHEETING. 50mm SAND BLINDING AND 150mm COMPACTED HARDCORE

ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

LININGS AND TRIM

CEILING LINING
1200X2400x6mm PLYWOOD SHEETS NAILED TO CEILING BATTENS AT 300 CENTRES IN CENTRE OF SHEET AND AT 150 CENTRES AT SHEET EDGES.

EAVE LINING
25x50 TREATED PINE BATTENS @ 100mm CENTRES. PAINT FINISH.

INTERNAL RENDER
10mm CEMENT RENDER TO ALL INTERNAL BLOCKWORK WALLS. PAINT FINISH.

CORNICE, ARCHITRAVES & SKIRTINGS
42x12mm DRESSED PINE. PAINT FINISH.

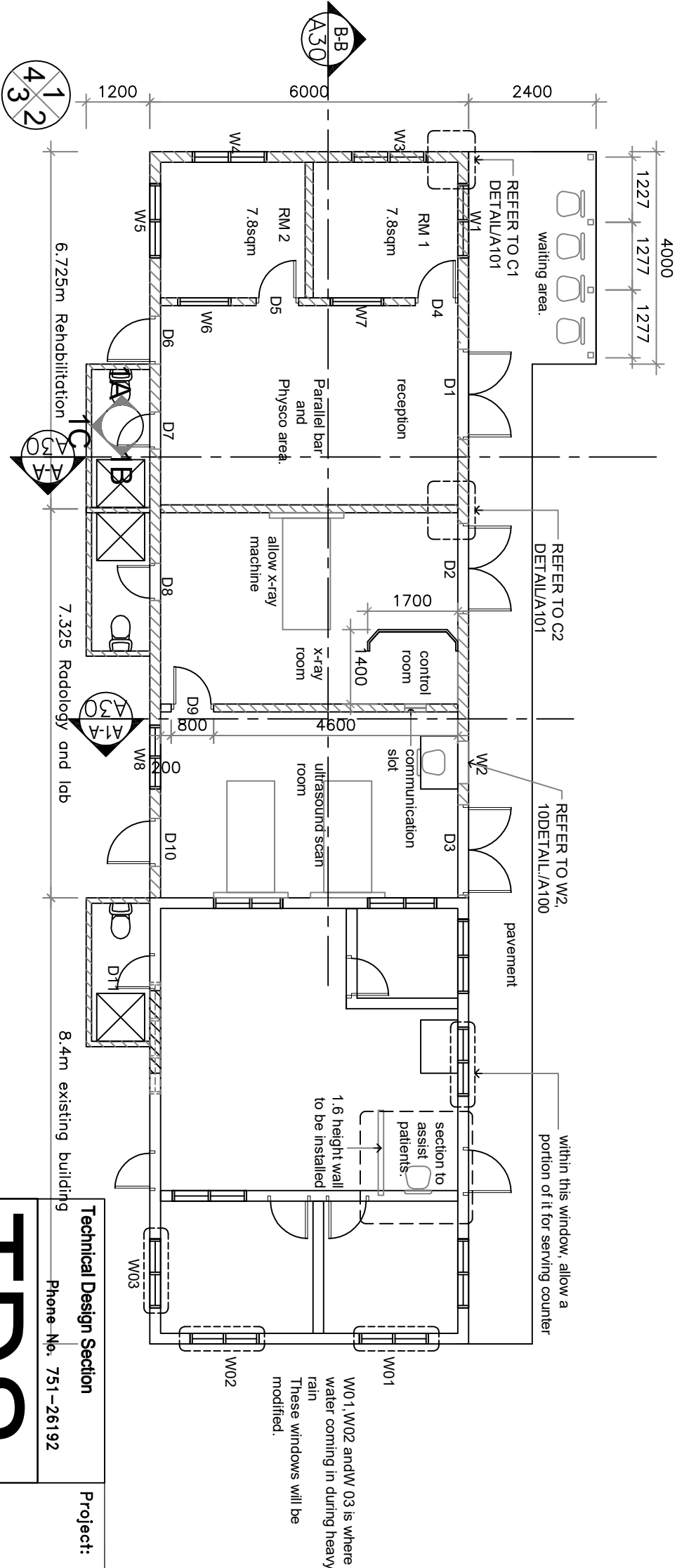
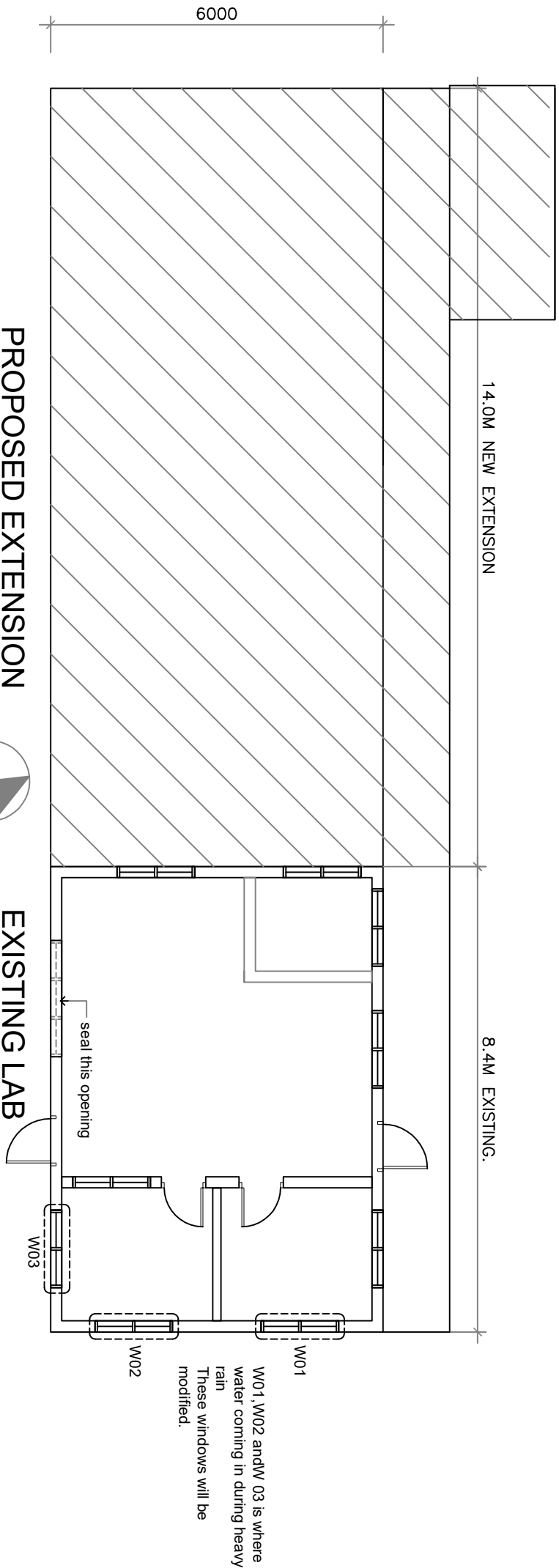
DRAWINGS LISTS

SHEETS/DRAWINGS		SCALE	ISSUED
A1	DRAWING LISTS, SPECIFICATION	NTS	
A0	SITE PLAN	1:500	
PLANS			
A01	EXISTING & PROPOSED PLAN	1:100	
A02	PROPOSED PLAN	1:100	
A03	DIMENSIONS PLAN	1:100	
A04	FOUNDATION PLAN	1:100	
A05	ROOF FRAMING PLAN	1:100	
A06	PLUMBING PLAN	1:100	
A07	ROOF PLAN	1:100	
EXTERIOR ELEVATIONS			
A20	ELEVATION 1	1:100	
	ELEVATION 2	1:100	
	ELEVATION 3	1:100	
	ELEVATION 4	1:100	
INTERIOR ELEVATIONS + DETAILS.			
A21	ELEVATION, 1A,1B,1C,1D, 1E ID LAYOUT	1:50 1:20	
SECTIONS			
A30	SECTION A-A	1:50	
A30	SECTION B-B	1:50	
A31	TRUSS 1 DETAIL TRUSS 2 DETAIL TRUSS 3 DETAIL SECTION A1-1	1:50 1:50 1:50 1:50	
OPENING DETAILS			
A50	WINDOW SCHEDULE DOOR SCHEDULE	1:50 1:50	
DETAILS			
A50	DETAIL 1 DETAIL 2 DETAIL 3 DETAIL 4 DETAIL 9 KNOCKED OUT BEAM	1:20 1:20 1:20 1:20 1:10 1:10	

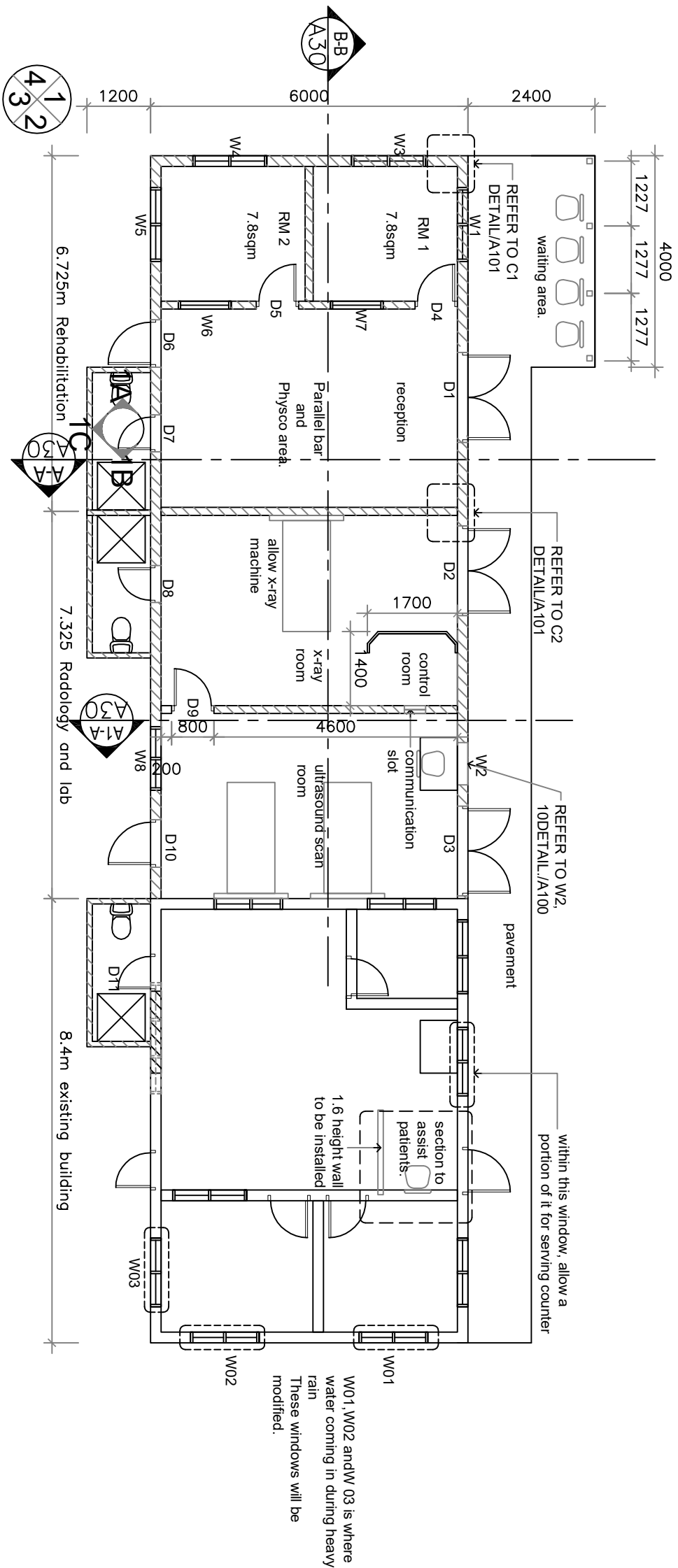
DRAWINGS LISTS

SHEETS/DRAWINGS		SCALE	ISSUED
A100	DETAIL 5 DETAIL 6 DETAIL 7 DETAIL 8 GUSSET DETAIL WEB DETAIL WINDOW 2, DETAIL Z-Z DETAIL	1:20 1:20 1:20 1:20 1:20 1:20 1:10	
A101	C FTG DETAIL A FTG DETAIL B FTG DETAIL D FTG DETAIL C1 DETAIL C2 DETAIL J DETAIL	1:20 1:20 1:20 1:20 1:20 1:20 1:10	
A102	TRUSS CONNECT. DETAILS E DETAIL F DETAIL G DETAIL H DETAIL I DETAIL R-X DETAIL	1:20 1:20 1:20 1:20 1:20 1:20	
A103	FENCE LAYOUT FENCE ELEVATION PLAIN VIEW (POST BASE) CH DETAIL C3 DETAIL	1:100 1:100 1:20 1:20 1:20	
A103	TANK SECTION DTL	1:50	
A104	GUSSET LAYOUTS	1:20	

Technical Design Section		Project: RADIOLOGY & REHABILITATION.		
Phone No. 751-26192		SPECIFICATIONS DRAWING LISTS		
TDS		Technical File No.	Project No.	032104 MHMS
		Scale	Date	Drawing No.
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		sheet	002	



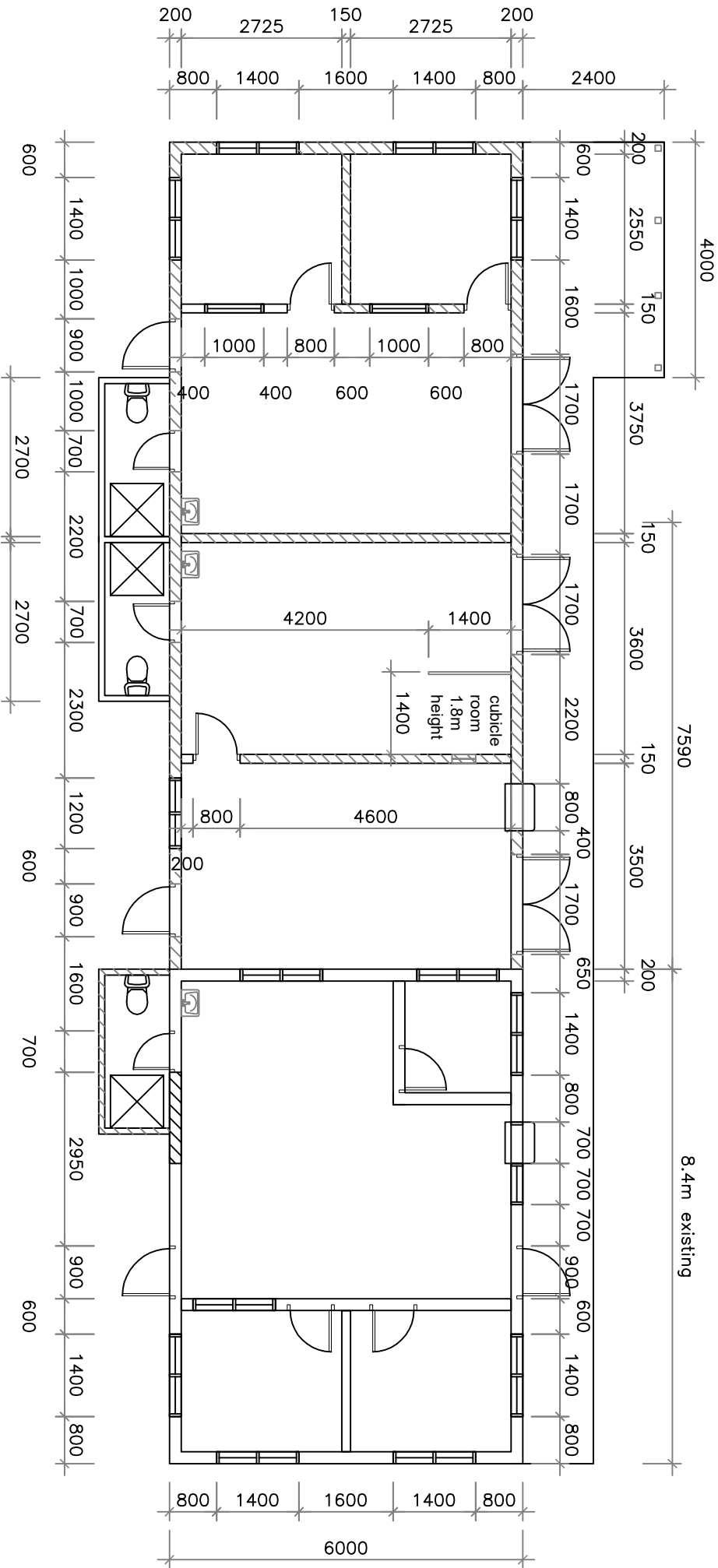
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		FLOOR LAYOUT	
TDS		Technical File No.	Project No. 032104 MHMS
		Scale	Date
		sheet A01	Drawing No.
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			



PROPOSED FLOOR LAYOUT

SCALE 1:100.

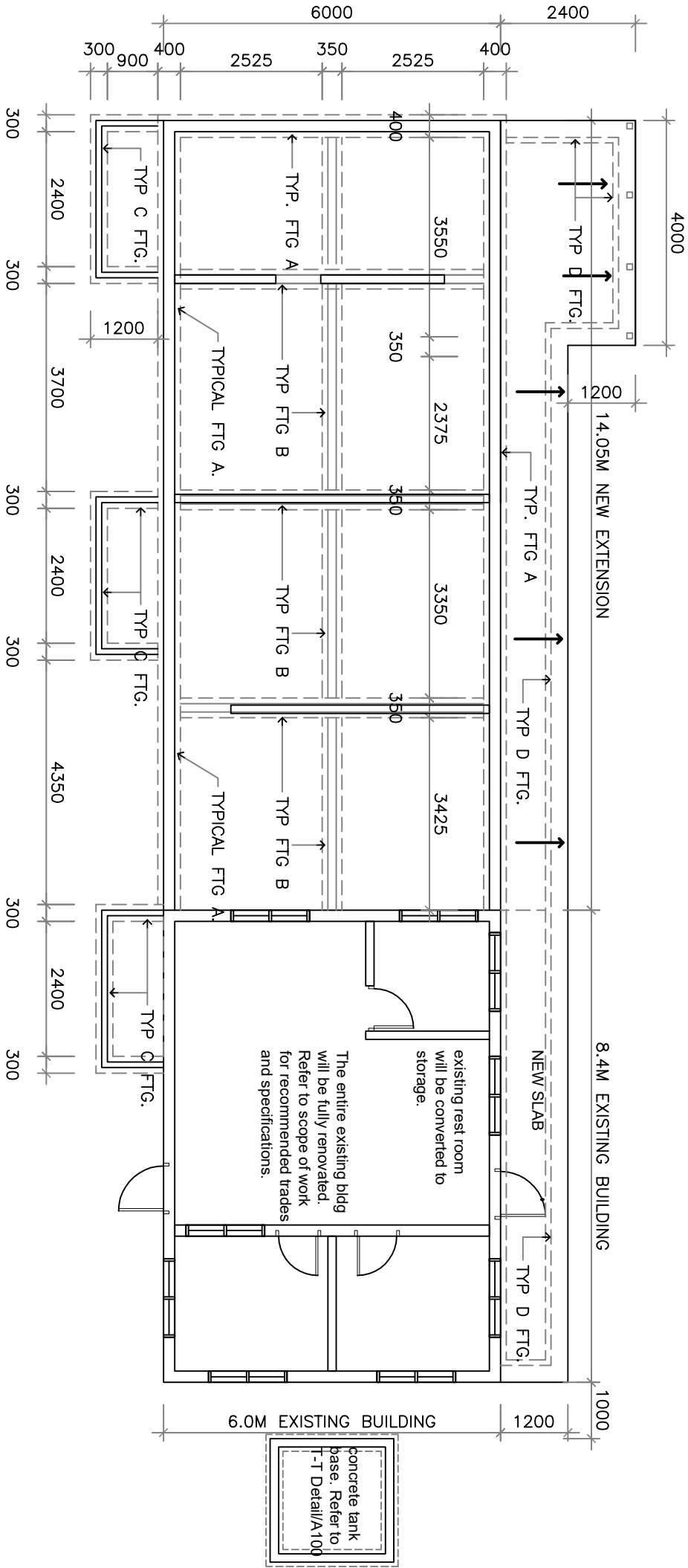
Technical Design Section		Project: RADIOLOGY & REHABILITATION.		
Phone No. 751-26192		PROPOSED FLOOR LAYOUT		
TDS		Technical File No.	Project No.	032104 MHMS
		Scale	Date	Drawing No.
		sheet	A02	
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DIMENSIONS LAYOUT

SCALE 1:100.

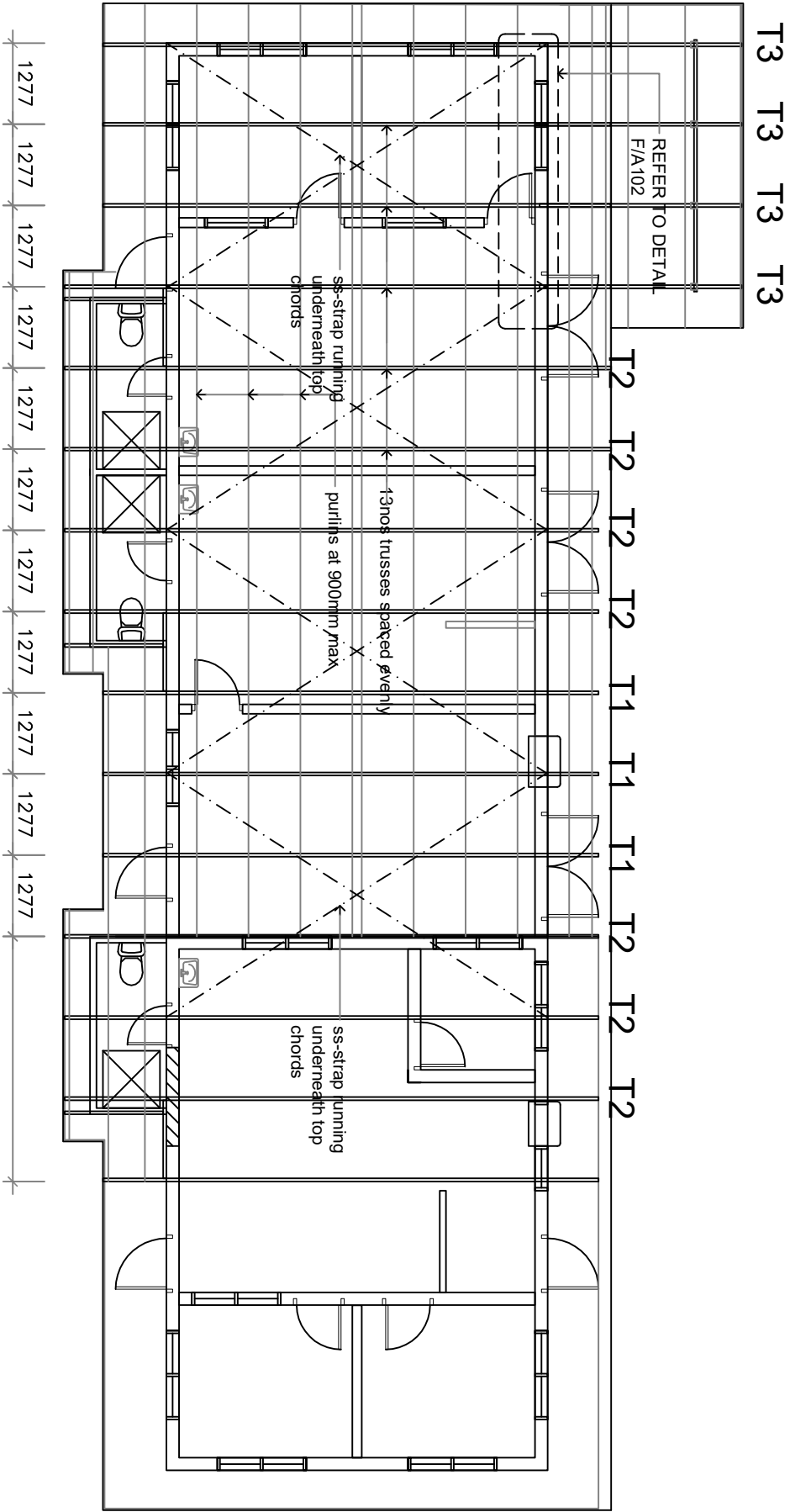
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		DIMENSIONS NOTES	
TDS			
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 488 BETTIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			
Technical File No.		Project No. 032104 MHMS	
Scale	Date	Drawing No.	
sheet	A03		



FOUNDATION PLAN

SCALE 1:100. (@new extension).

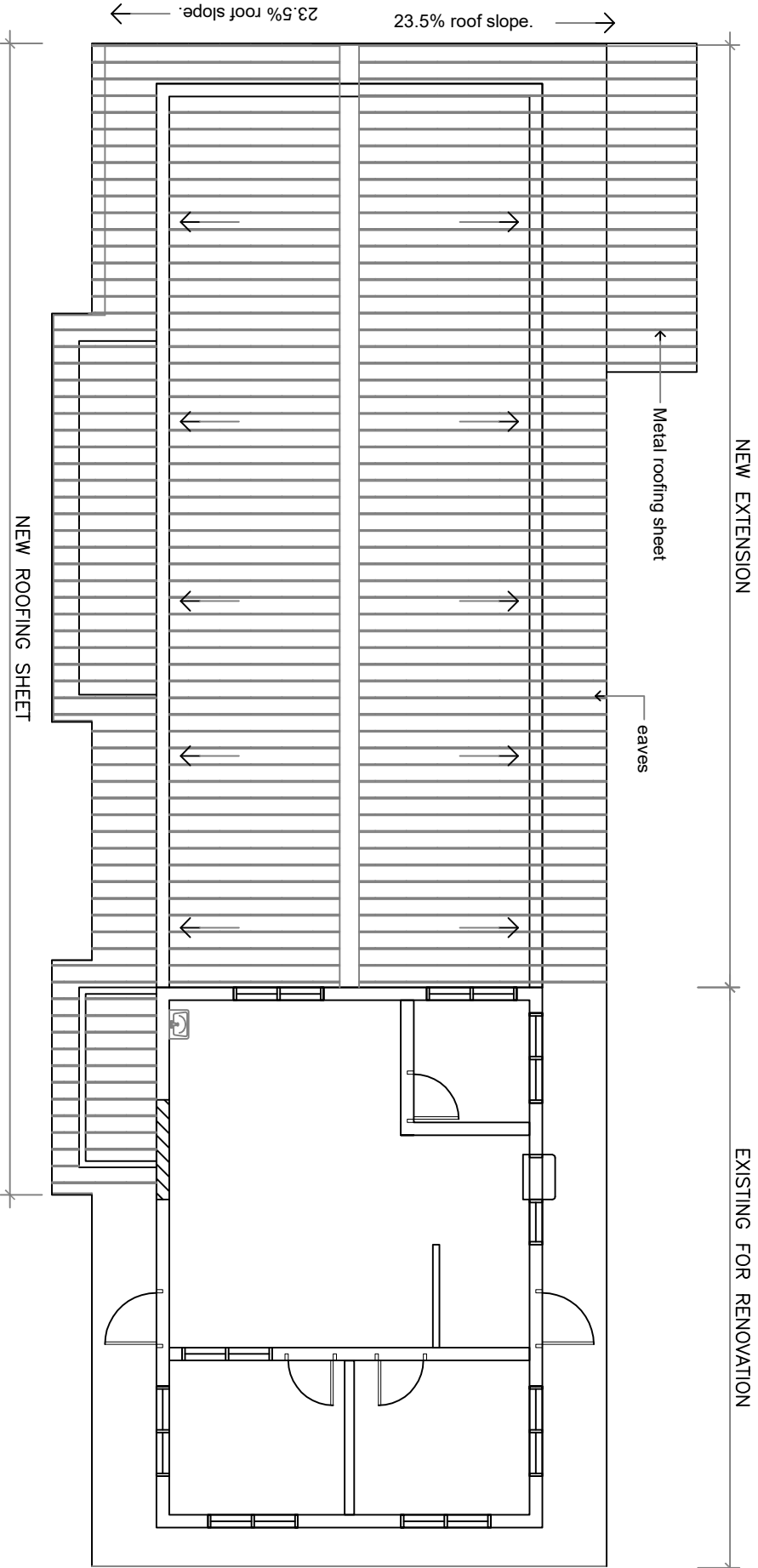
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		FOUNDATION LAYOUT	
TDS			
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 488 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		Technical File No.	Project No. 032104 MHMS
Scale		Date	Drawing No.
sheet A04			



ROOF FRAMING existing, confirm on site

SCALE 1:100.

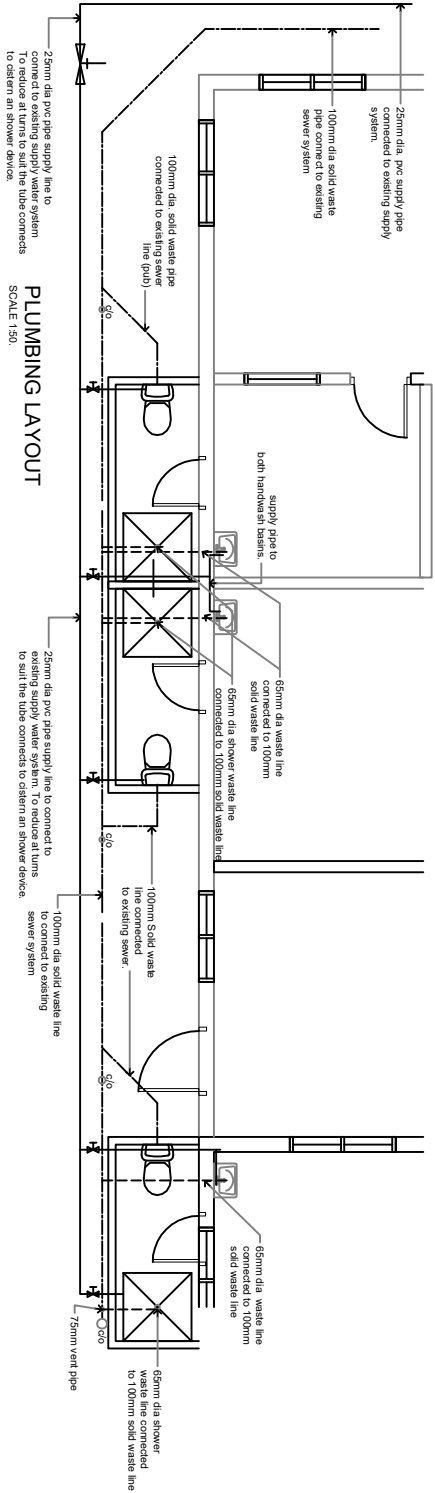
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		ROOF FRAMING LAYOUT	
TDS		Technical File No.	Project No. 032104 MHMS
		Scale	Date
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIOTARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		sheet A05	Drawing No.



ROOF LAYOUT

SCALE 1:100.

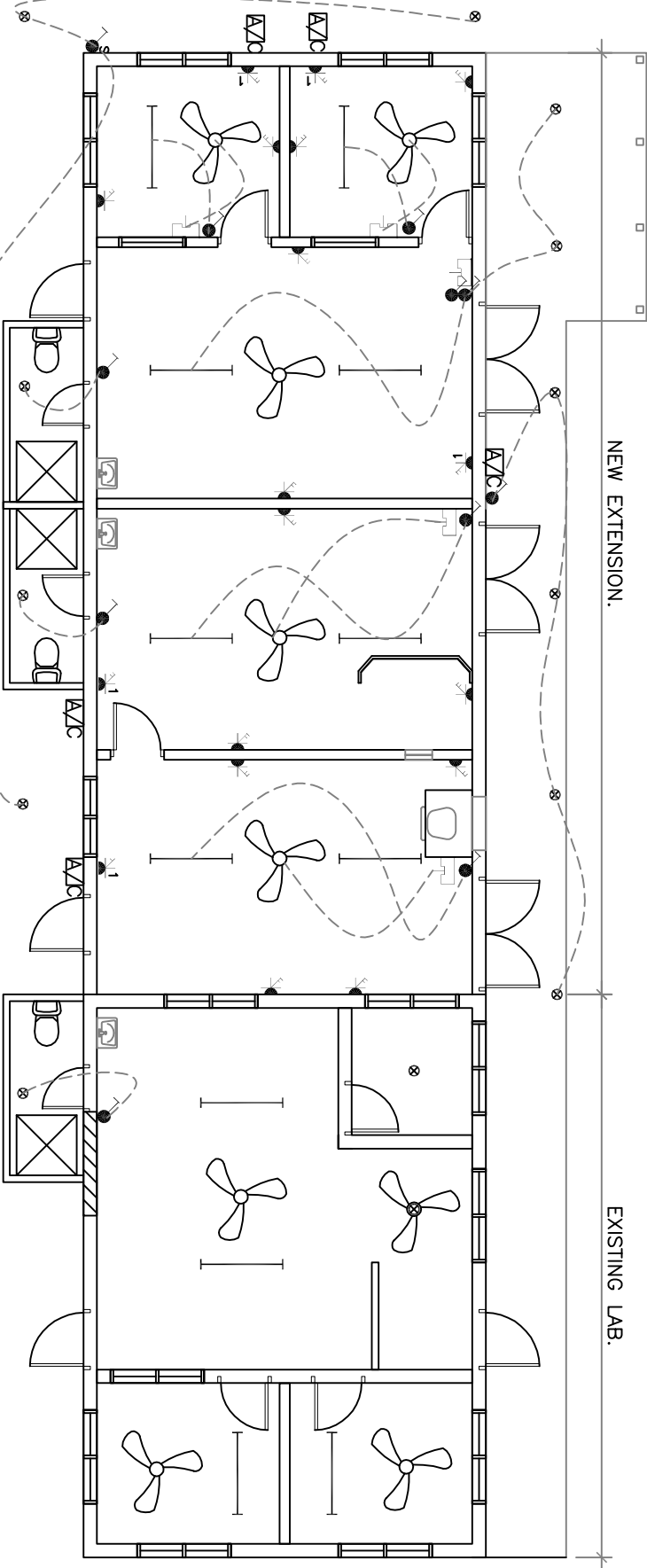
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		ROOF LAYOUT	
TDS		Technical File No.	Project No. 032104 MHMS
		Scale	Date
		sheet A06	Drawing No.
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PLUMBING LAYOUT
SCALE 1:50.

PLUMBING LEGEND

- WATER SUPPLY PIPE
- POTABLE WATER.
- 100mm Dia. SOLID WASTE LINE.
- 65mm dia. liquid waste line connected to solid waste line
- NEW LIQUID WASTE LINE.
- GATE VALVE.
- C/O 100MM DIA CLEAN OUT



ELECTRICAL LAYOUT
SCALE 1:100.

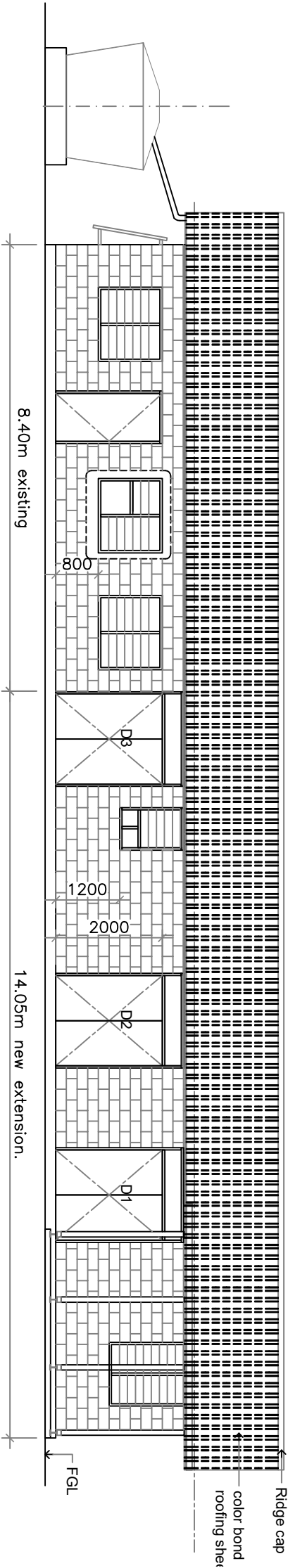
The existing fence (chain link) should be moved back 1.50m toward Takoronga to have enough space for toilets..

- LEGEND**
- FAN
 - BULB LIGHT (LED TYPE)
 - 4 FEET LED LIGHT
 - FAN SWITCH
 - DOUBLE POWER POINT 600 HEIGHT
 - DOUBLE POWER POINT 2.4m HEIGHT
 - LIGHT SWITCH
 - SWITCHBOARD
 - AIR CONDITION, SPLIT TYPE.
 - SENSOR SWITCH
- NOTE:**
Electrical renovation for the existing lab shall be within the estimate.

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		PLUMBING & ELECTRICAL LAYOUTS	
TDS	Technical File No.	Project No.	032104 MHMS
	Scale	Date	Drawing No.
	sheet	A07	
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 488 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			

ELEVATION 1

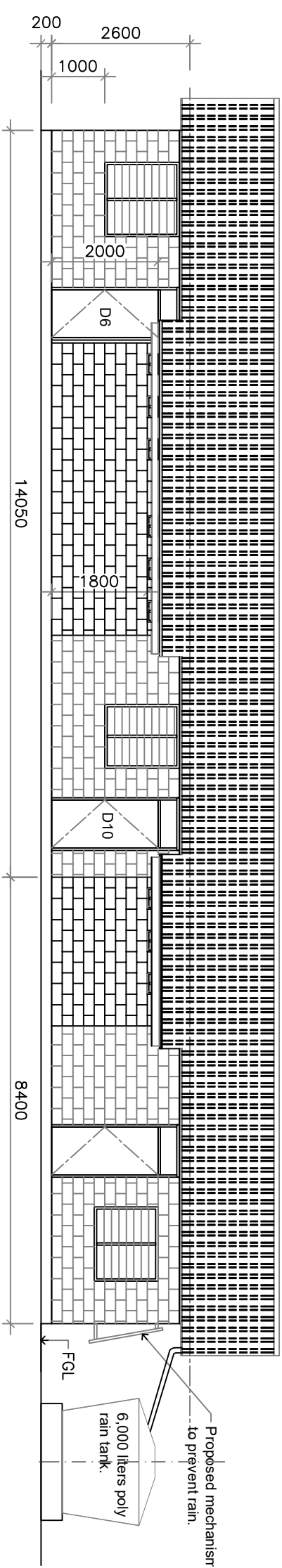
SCALE 1:100.



There is already existing rain catchments system on site. Rain water from the new building and existing should be connected to it. However, a tank provided at the end of the building to catch rain water. Other down pipes can be connected to existing water catchments.

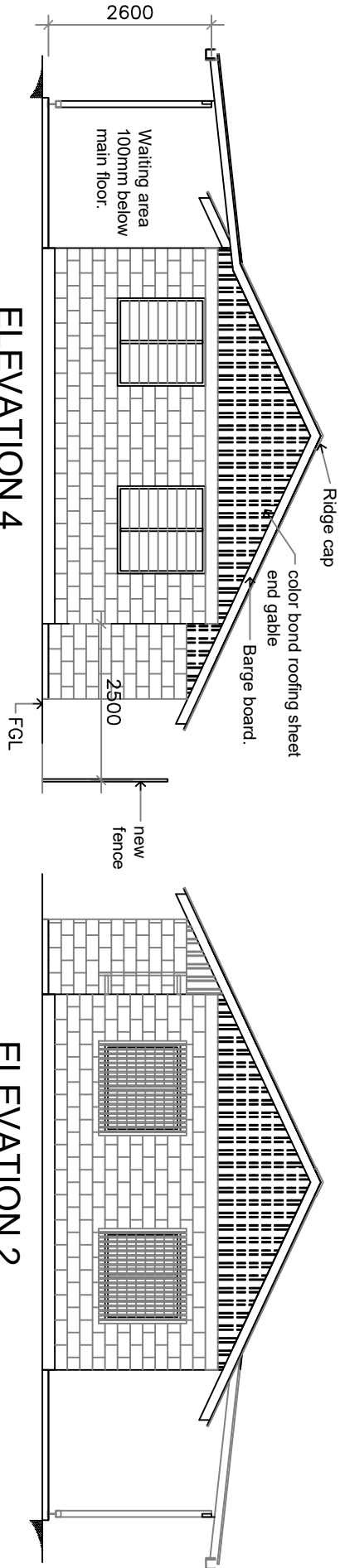
ELEVATION 3

SCALE 1:100.



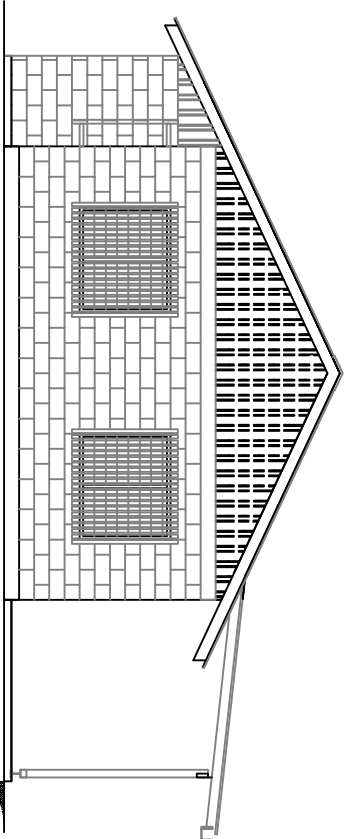
ELEVATION 4

SCALE 1:100.

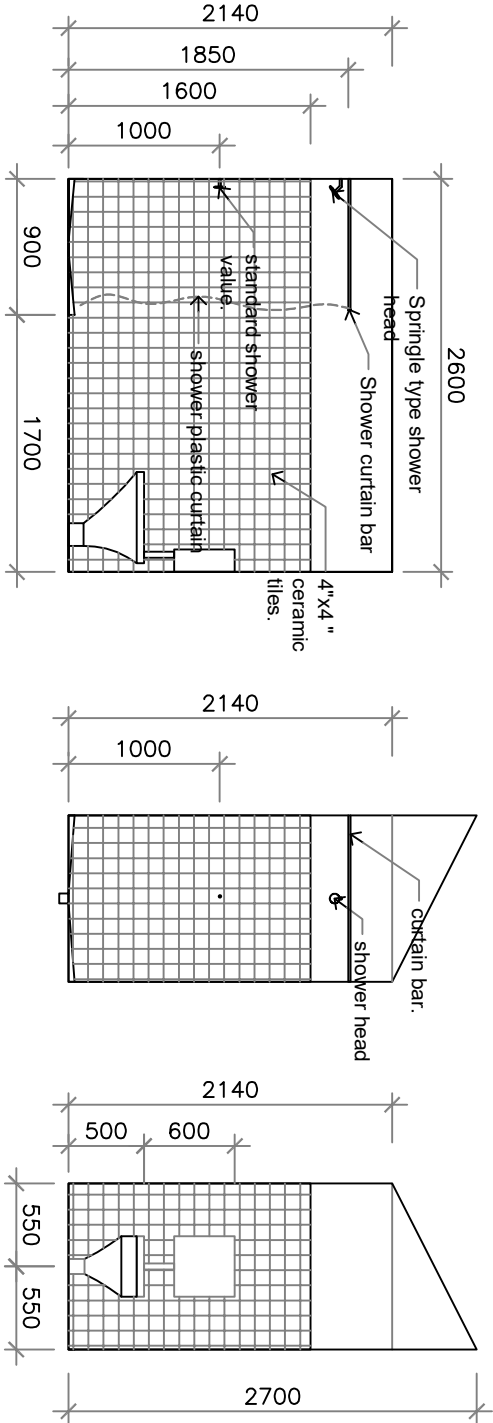


ELEVATION 2

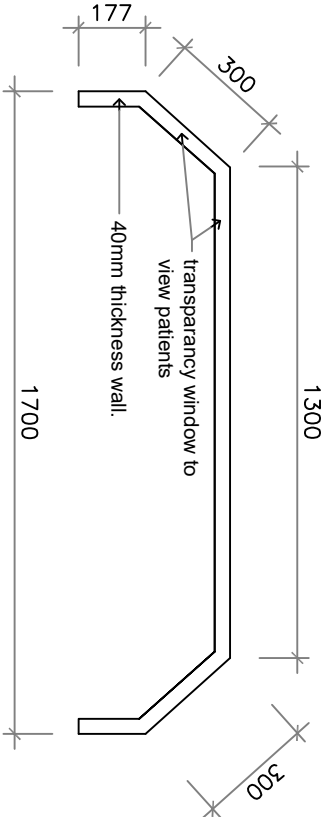
SCALE 1:100.



Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		ELEVATION 1,2,3,4	
TDS	Technical File No.	Project No.	032104 MHMS
	Scale	Date	Drawing No.
	sheet	A20	
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 498 BETIOTARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			



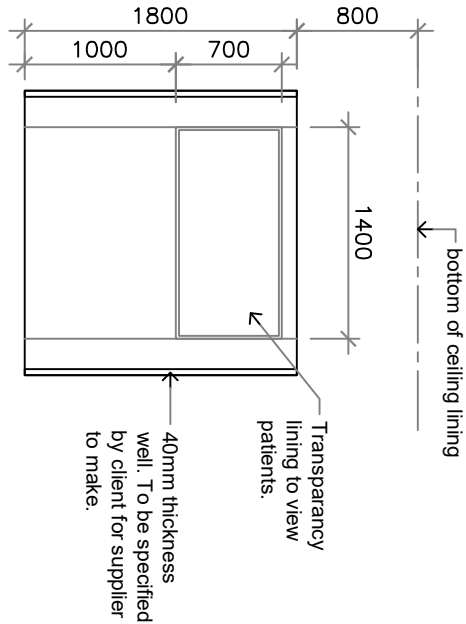
INTERIOR ELEVATIONS



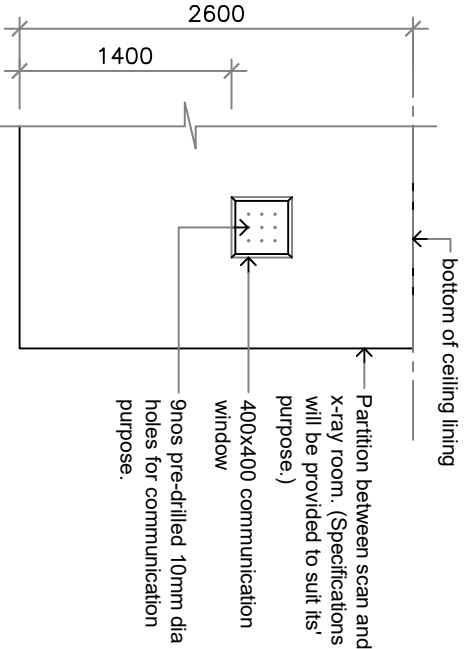
1D-LAYOUT
SCALE 1:20 (CONTROL ROOM)

Note:
This control wall is a special item which is considered very important, and therefore, the Client will specify to supplier, the particular type of material to suit their need.

For clarification refer to attachment # ???



1D-ELEVATION
SCALE 1:50 (CONTROL ROOM)

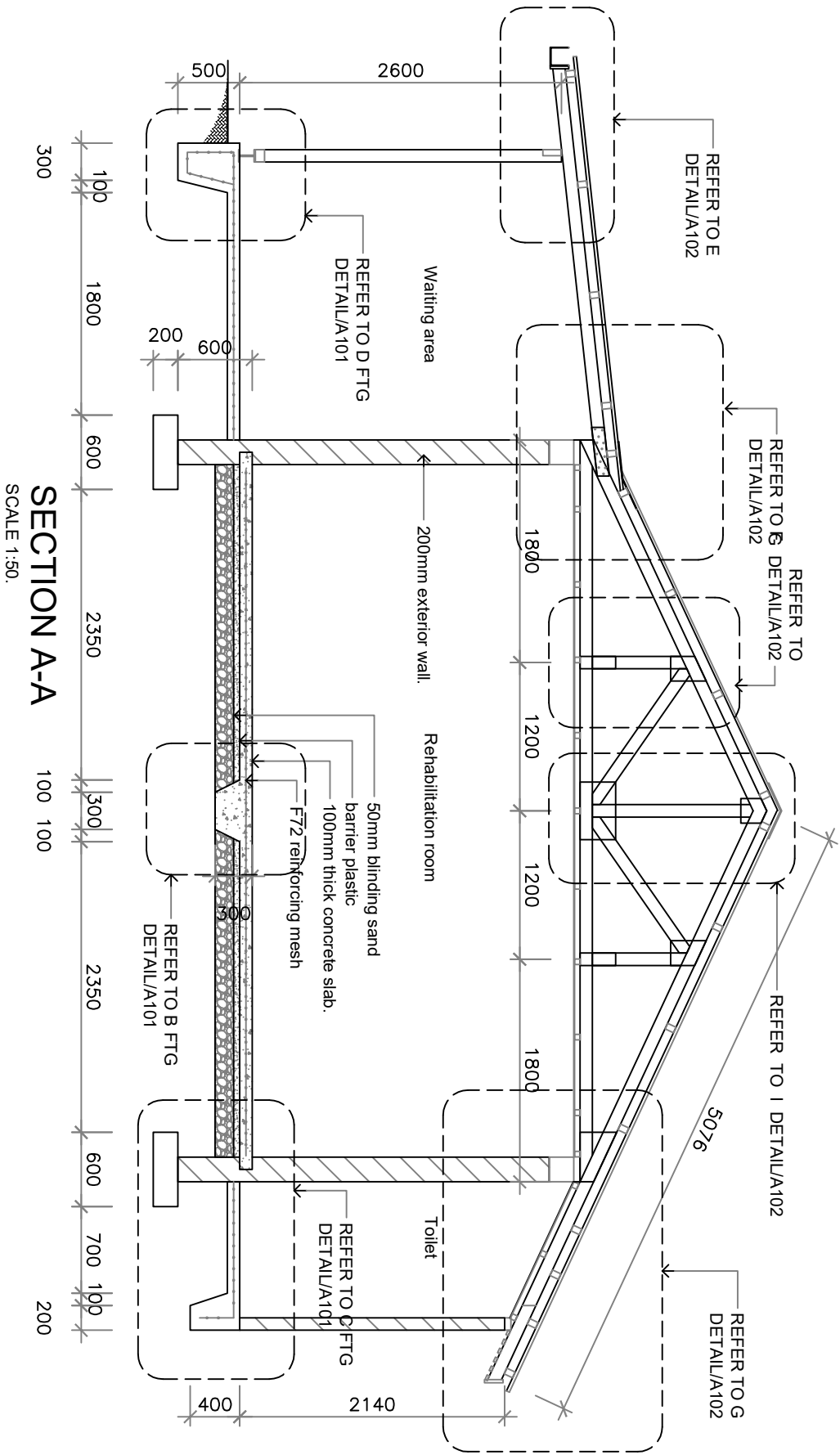
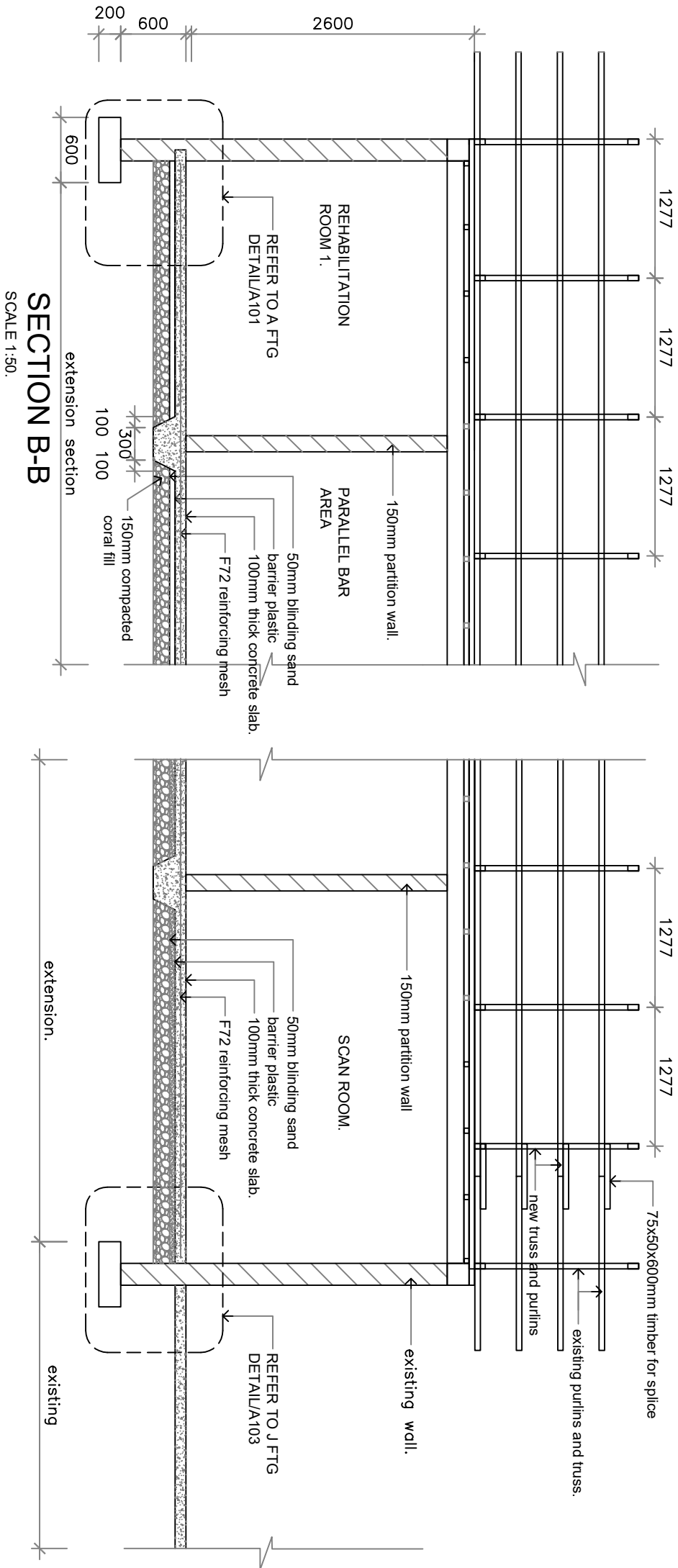


1E-ELEVATION
SCALE 1:50 (SCAN)

X-ray section

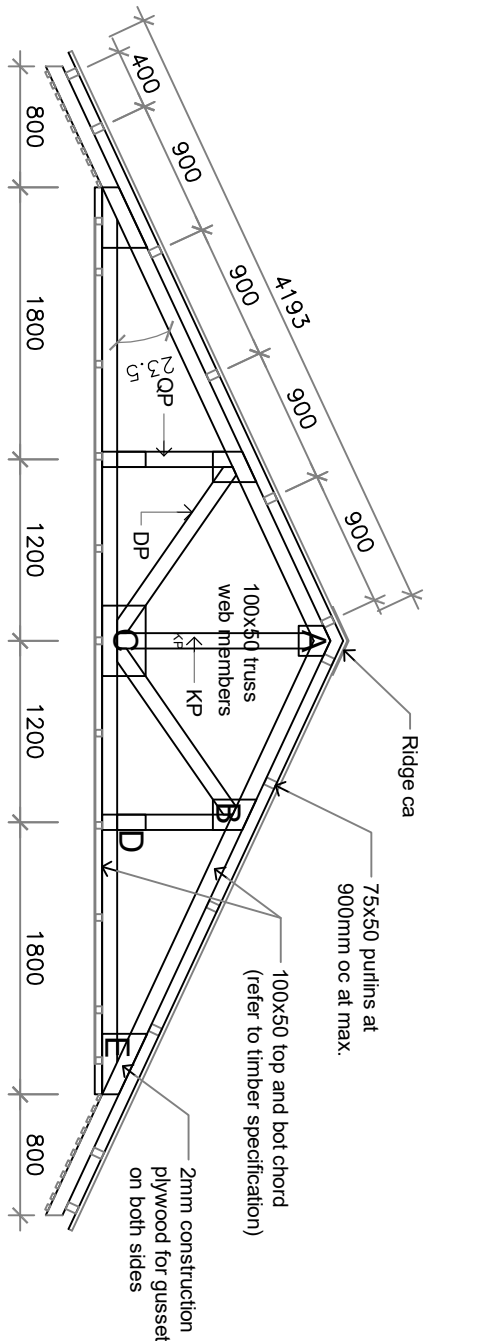
Scan section

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		INTERIOR ELEVATIONS	
TDS	Technical File No.	Project No. 032104 MHMS	
	Scale	Date	Drawing No.
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MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			

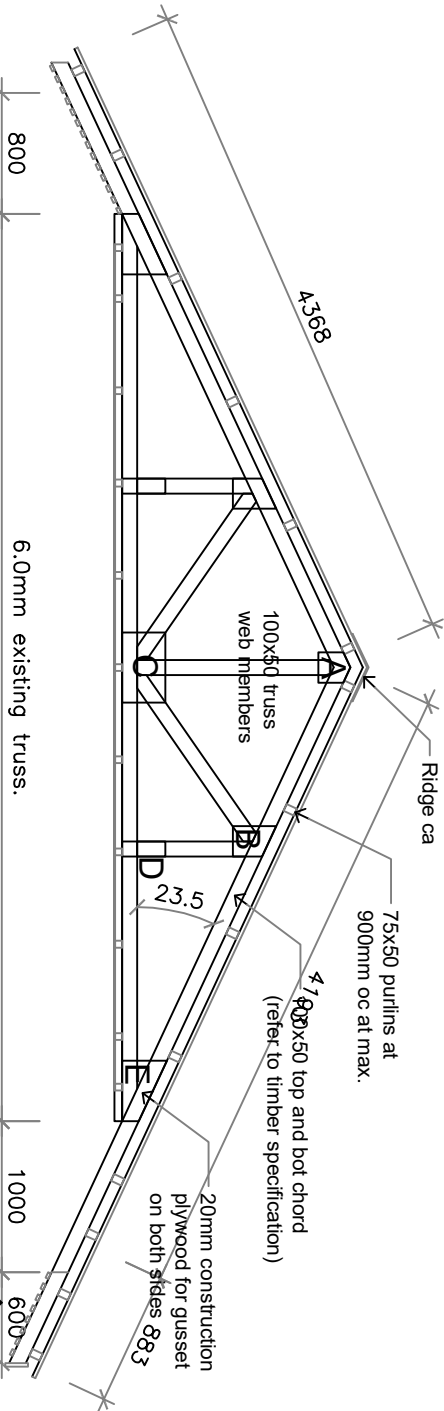


Truss- 100x50 top and bot chord
-100x50 web members
-75x50 purlins at 900mm max
- 12mm gusset plywood both sides
- color-bond roofing metal
- screws to fasten sheets.
- Before constructing trusses, confirm the angle (degree) for existing trusses.

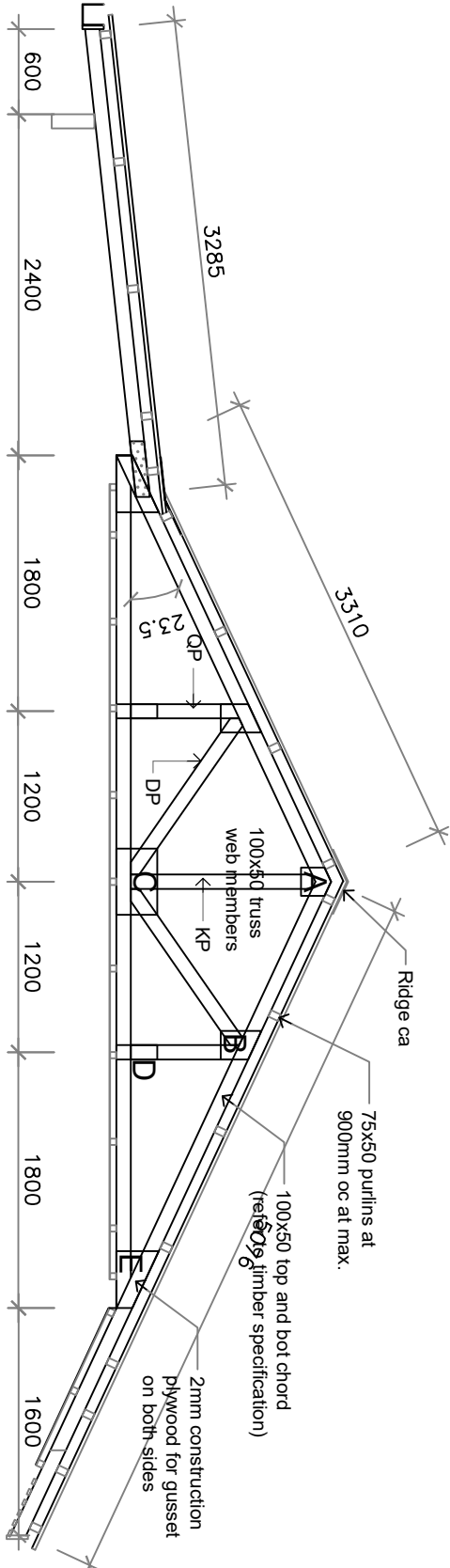
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		SECTIONS A-A, B-B	
TDS	Technical File No.	Project No. 032104 MHMS	
	Scale	Date	Drawing No.
	sheet	A30	
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 488 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			



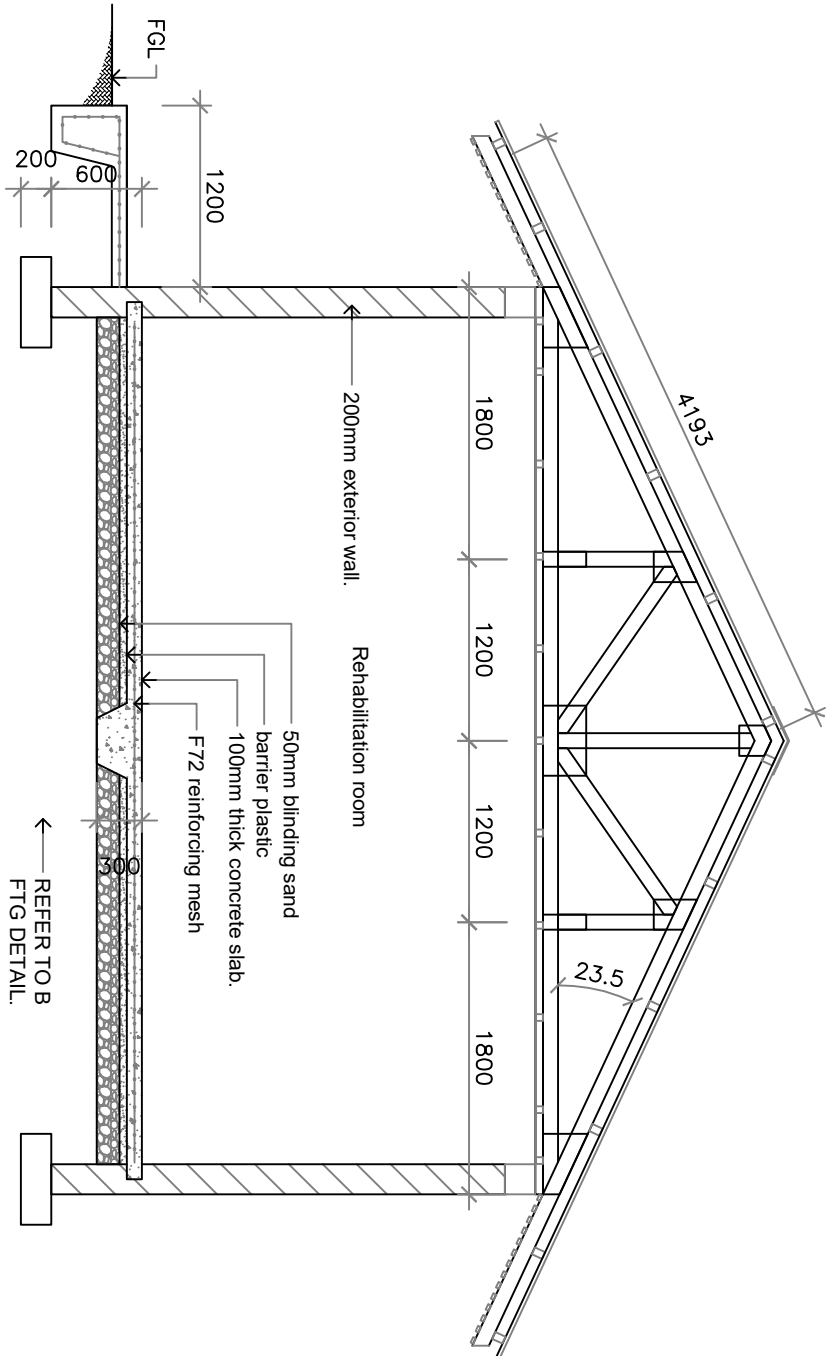
T1 TRUSS
SCALE 1:50. 3 OFF



T2 TRUSS
SCALE 1:50. 5 OFF



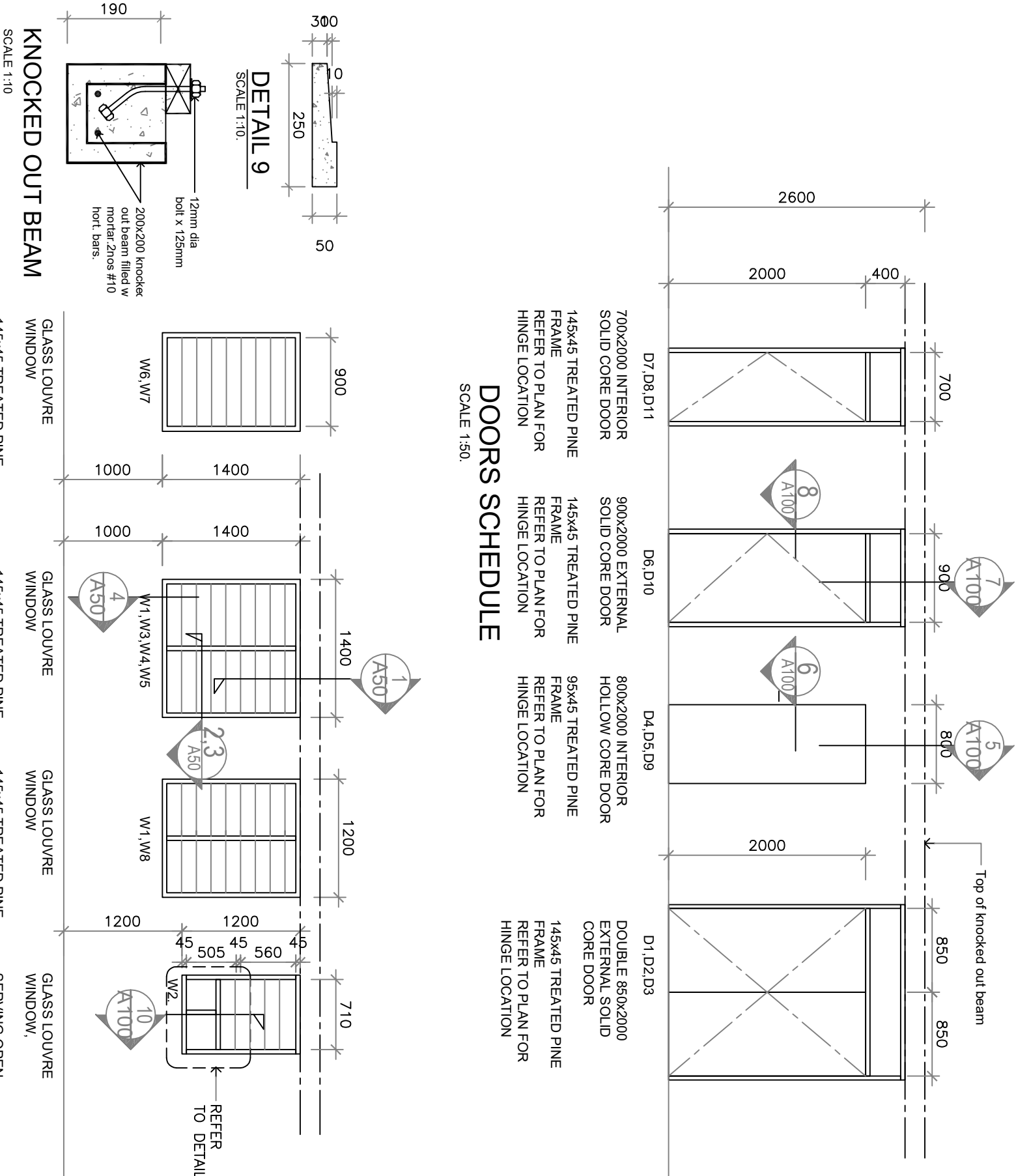
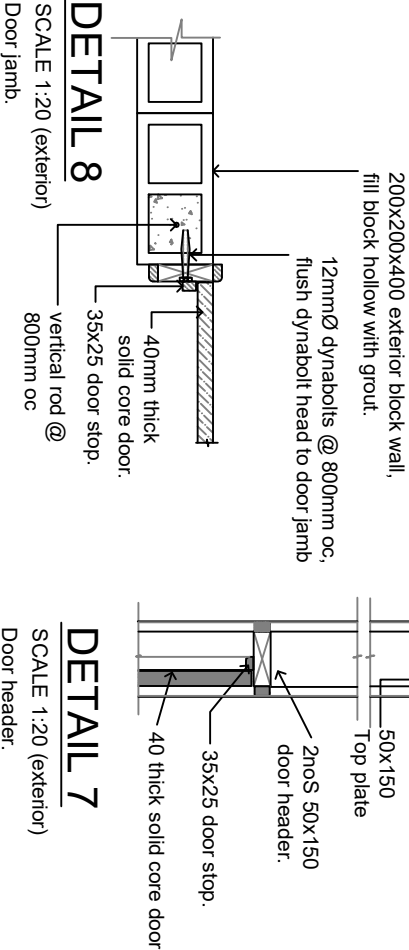
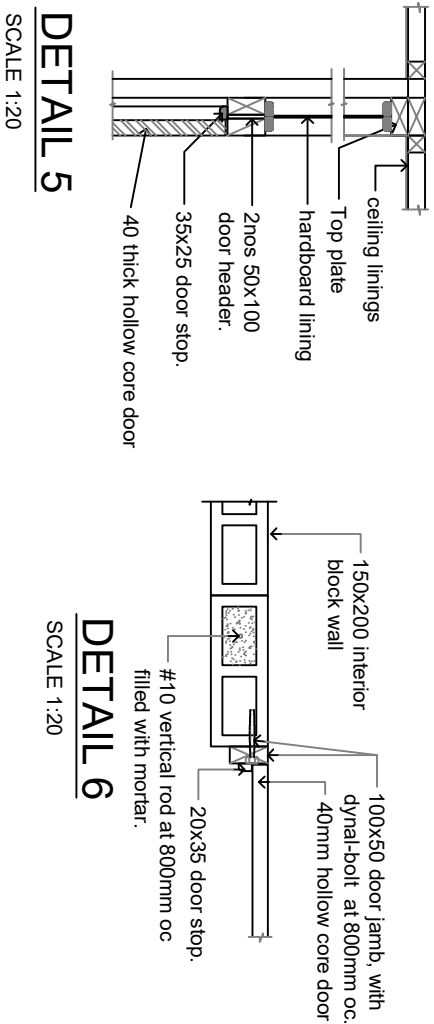
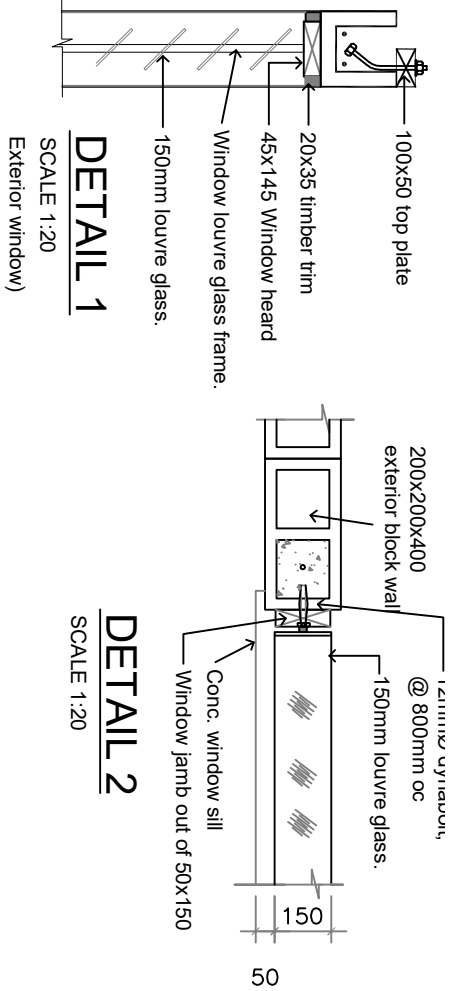
T3 TRUSS
SCALE 1:50.



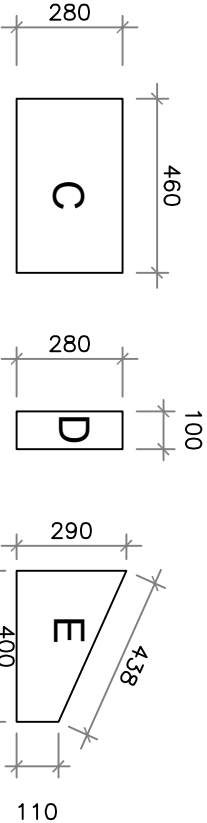
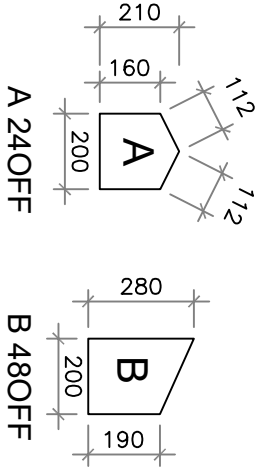
SECTION A1-A
SCALE 1:50.

- Truss- 100x50 top and bot chord
-100x50 web members
-75x50 purlins at 900mm max
- 12mm gusset plywood both sides
- color-bond roofing metal
- screws to fasten sheets.
- Before constructing trusses, confirm the angle (degree) for existing trusses.

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		SECTIONS A1-A, TRUSS DETAILS	
TDS	Technical File No.	Project No. 032104 MHMS	
	Scale	Date	Drawing No.
	sheet	A31	
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 488 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			

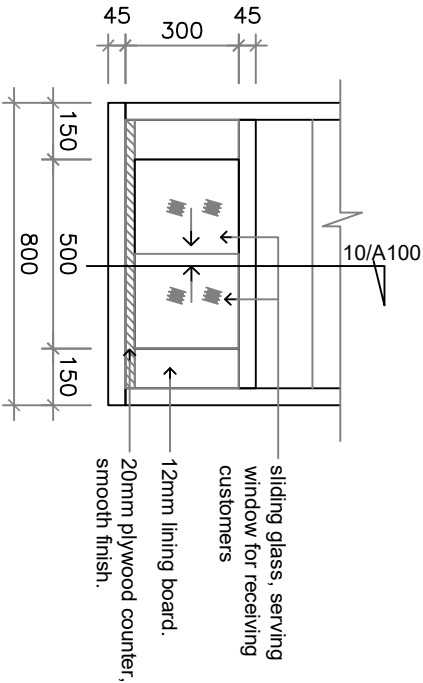


Technical Design Section		Project: RADIOLOGY & REHABILITATION. OPENING SCHEDULE & DETAILS		
Phone No. 751-26192				
TDS		Technical File No.	Project No.	032104 MHMS
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. P.O BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		Scale	Date	Drawing No.
		sheet	A50	



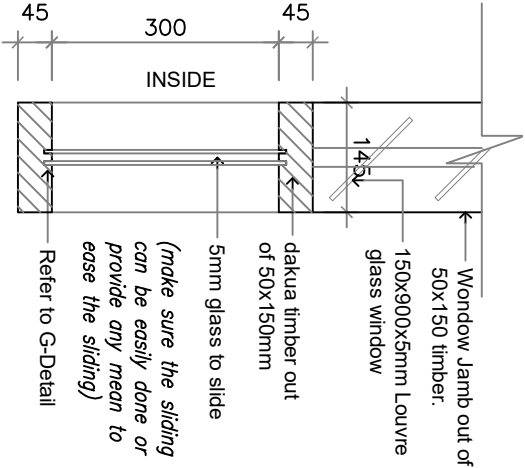
GUSSET SCHEDULE

SCALE 1:20



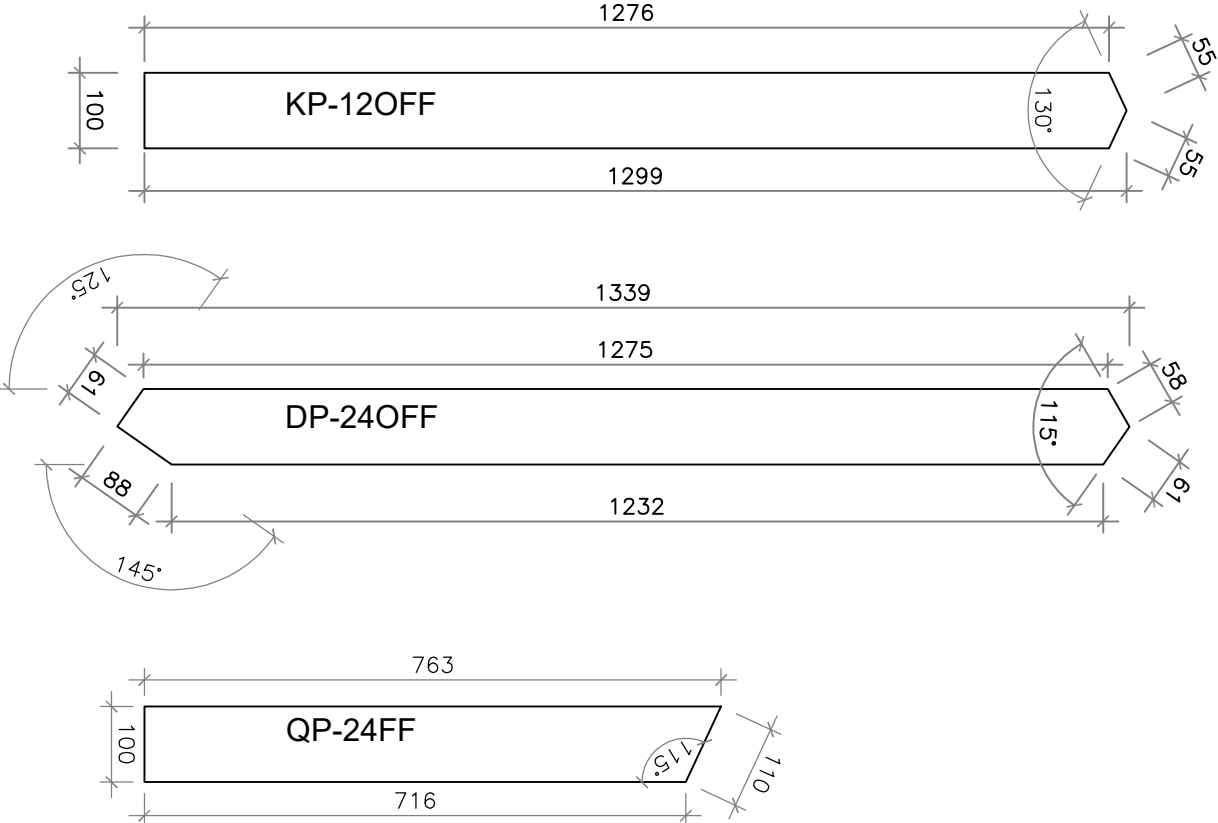
W2 DETAIL

SCALE 1:20



10 - DETAIL

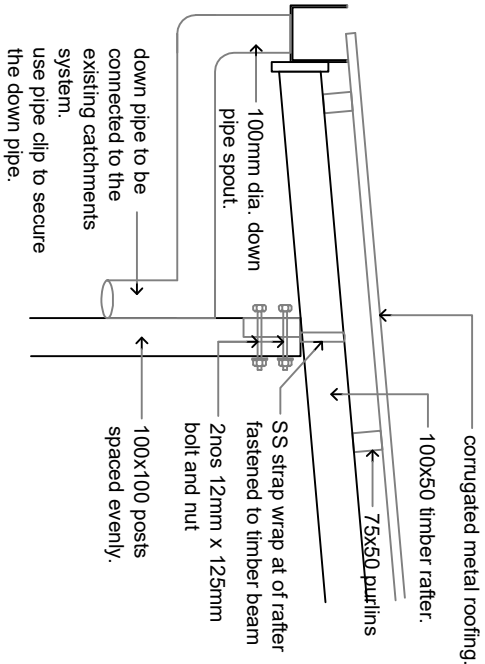
SCALE 1:10



WEB DETAIL

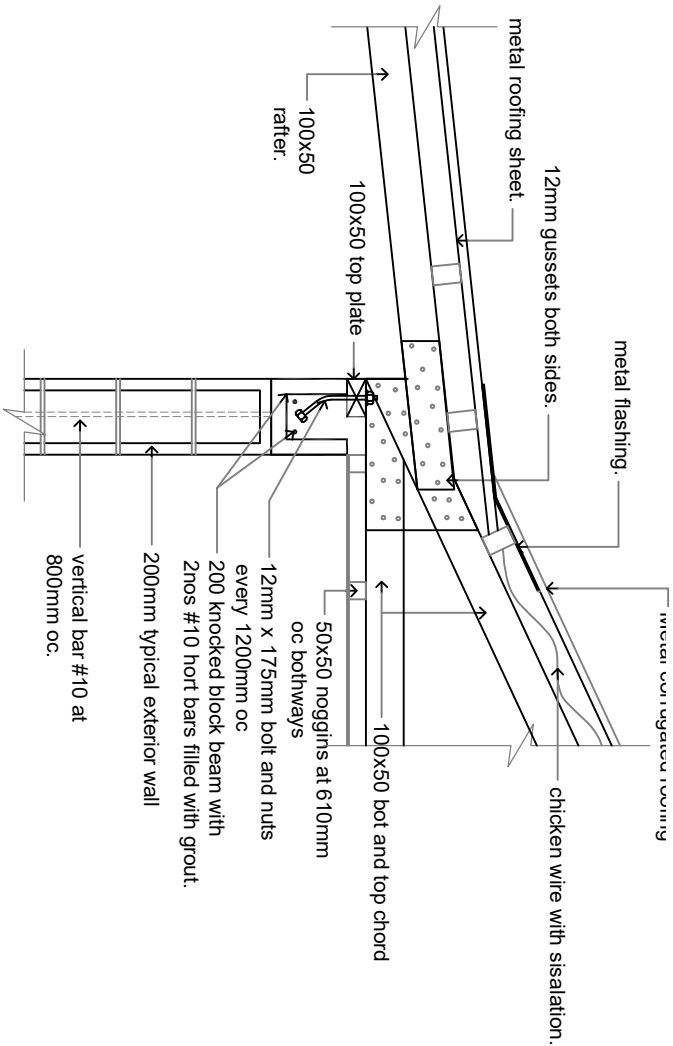
SCALE 1:10

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		WEBS, GUSSETS, OPENING DETAILS	
TDS	Technical File No.		Project No. 032104 MHMS
	Scale	Date	Drawing No.
	sheet	A100	
	MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		



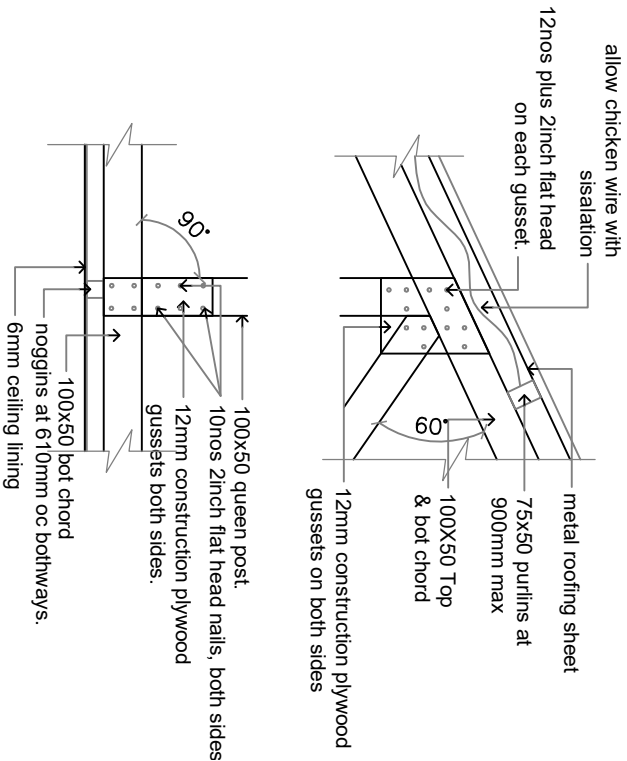
E-DETAIL

SCALE 1:20



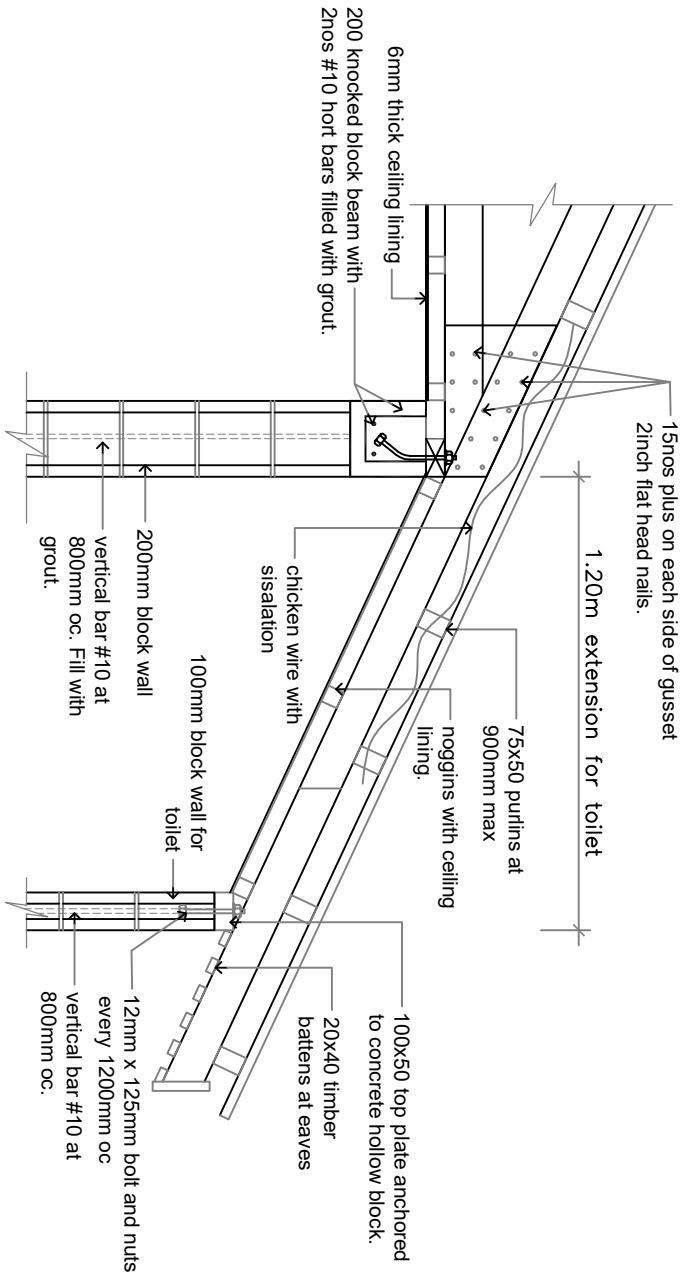
F-DETAIL

SCALE 1:20



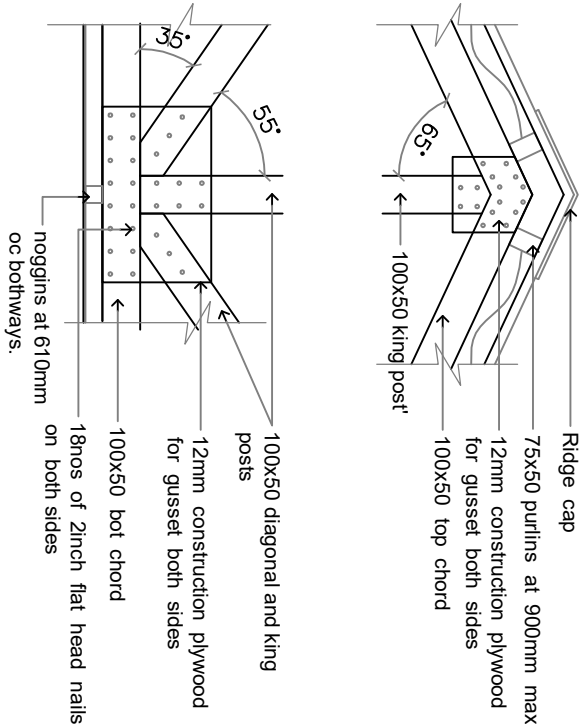
H-DETAIL

SCALE 1:20



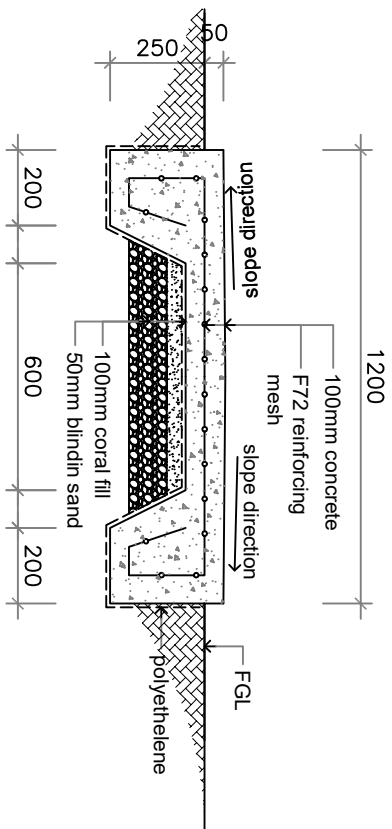
G-DETAIL

SCALE 1:20



I-DETAIL

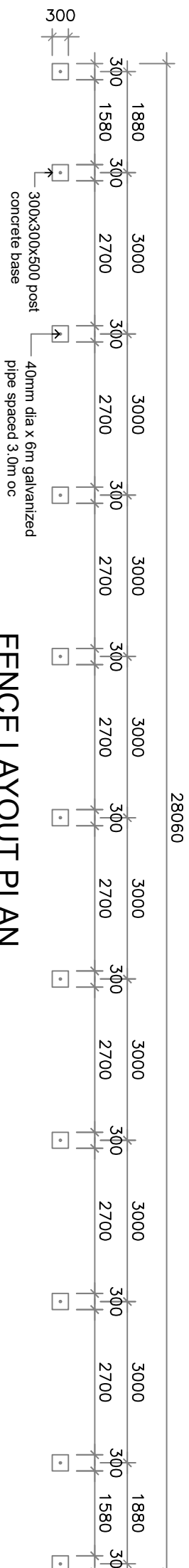
SCALE 1:20



R-X DETAIL

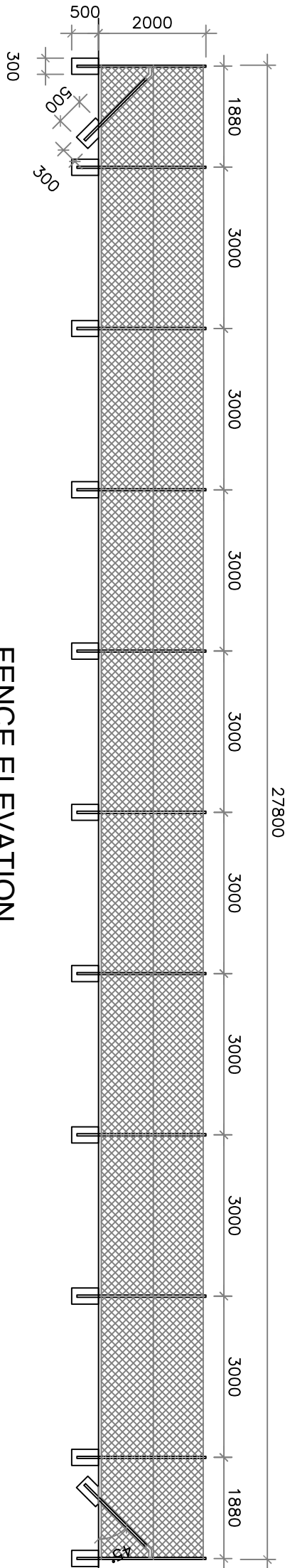
SCALE 1:20

Technical Design Section		Project: RADIOLOGY & REHABILITATION.		
Phone No. 751-26192		TRUSSES CONNECTION DETAILS		
TDS		Technical File No.	Project No.	032104 MHMS
		Scale	Date	Drawing No.
		sheet	A102	
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 488 BETO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC				



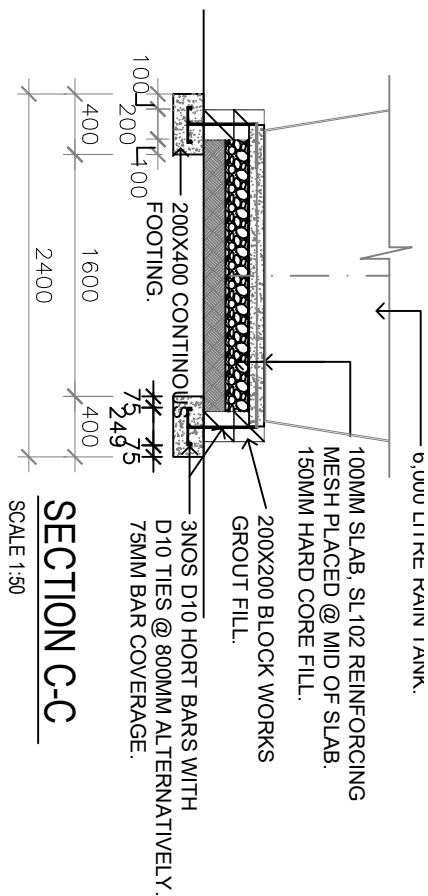
FENCE LAYOUT PLAN

SCALE 1:100



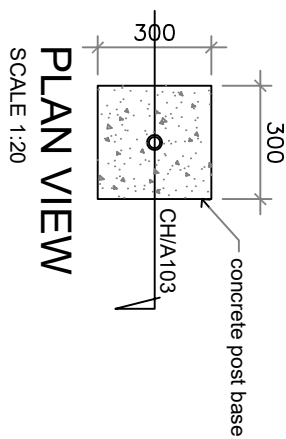
FENCE ELEVATION

SCALE 1:100

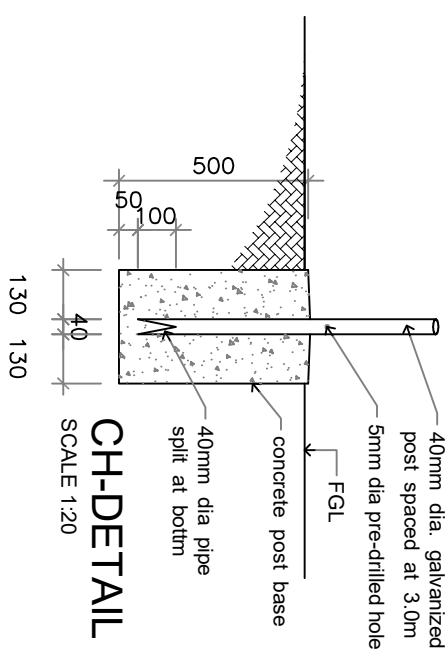


SECTION C-C

SCALE 1:50

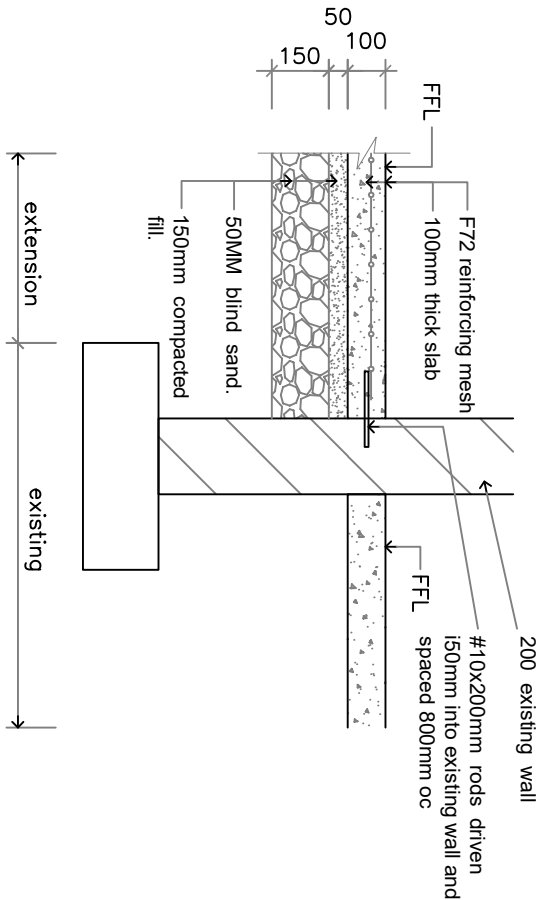


PLAN VIEW



CH-DETAIL

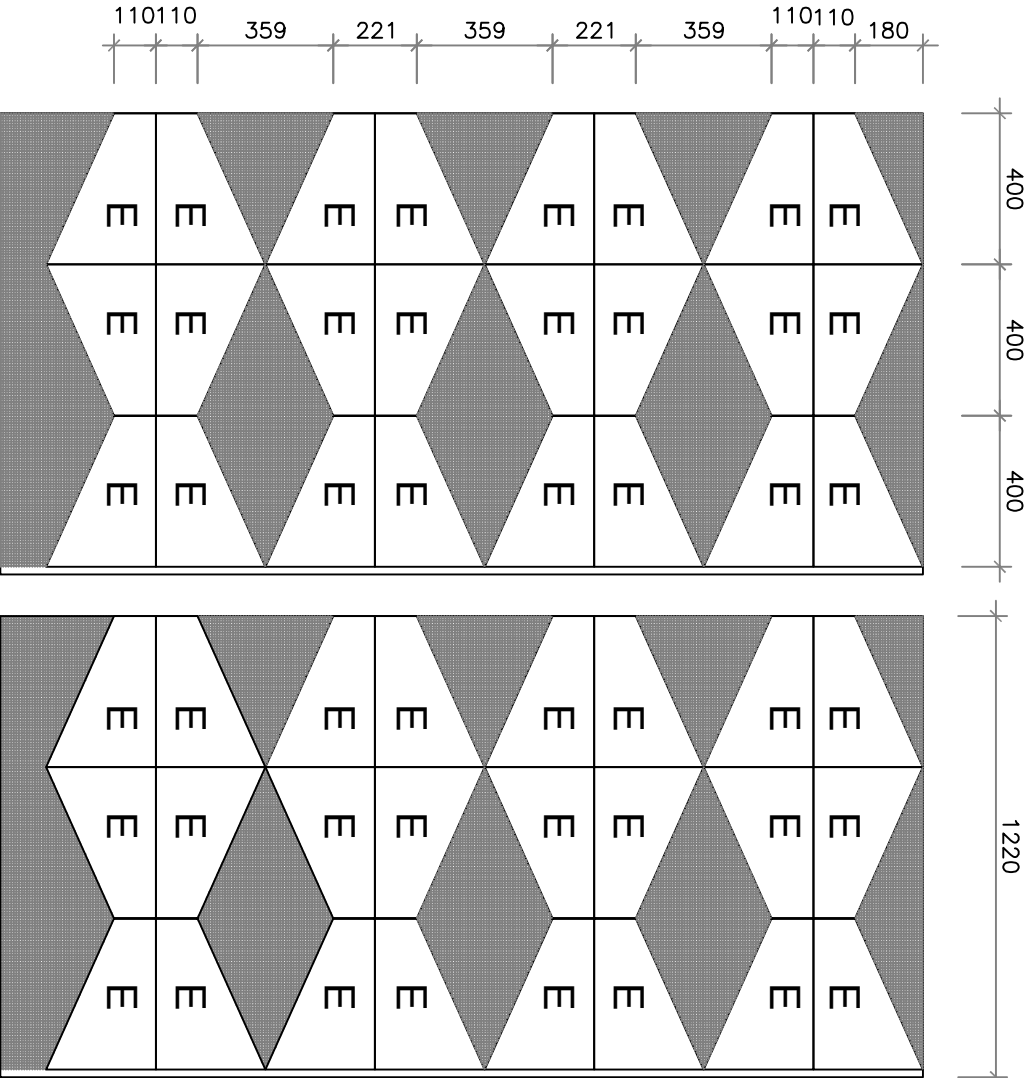
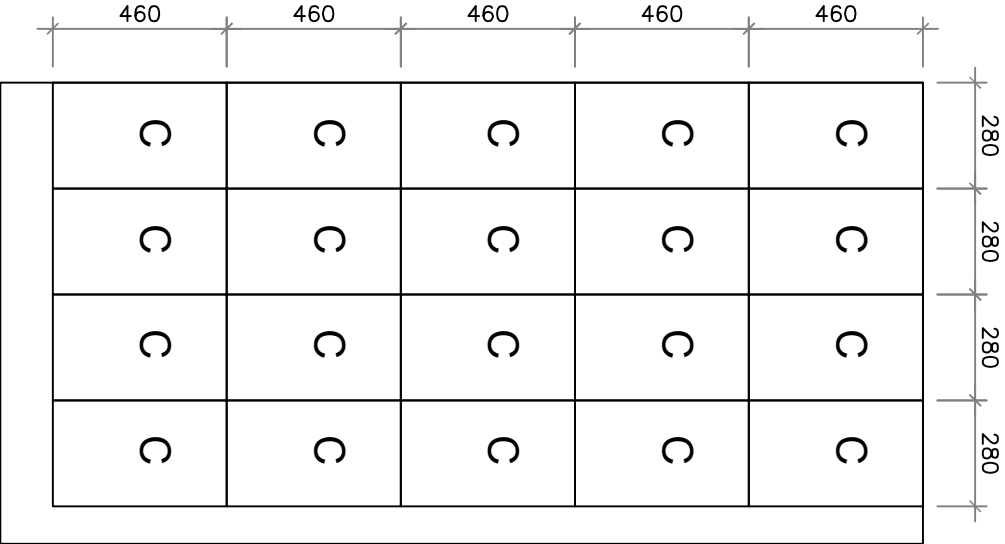
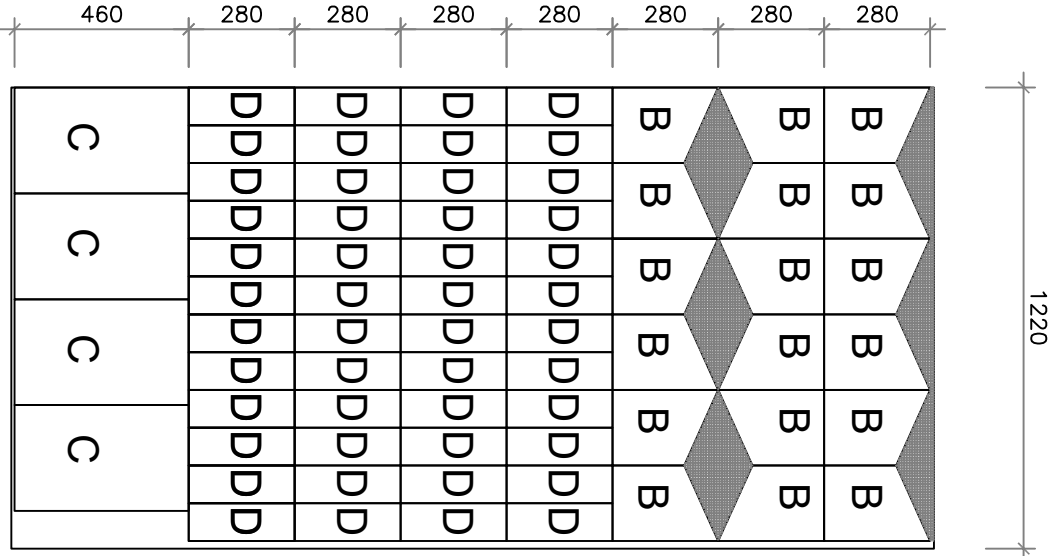
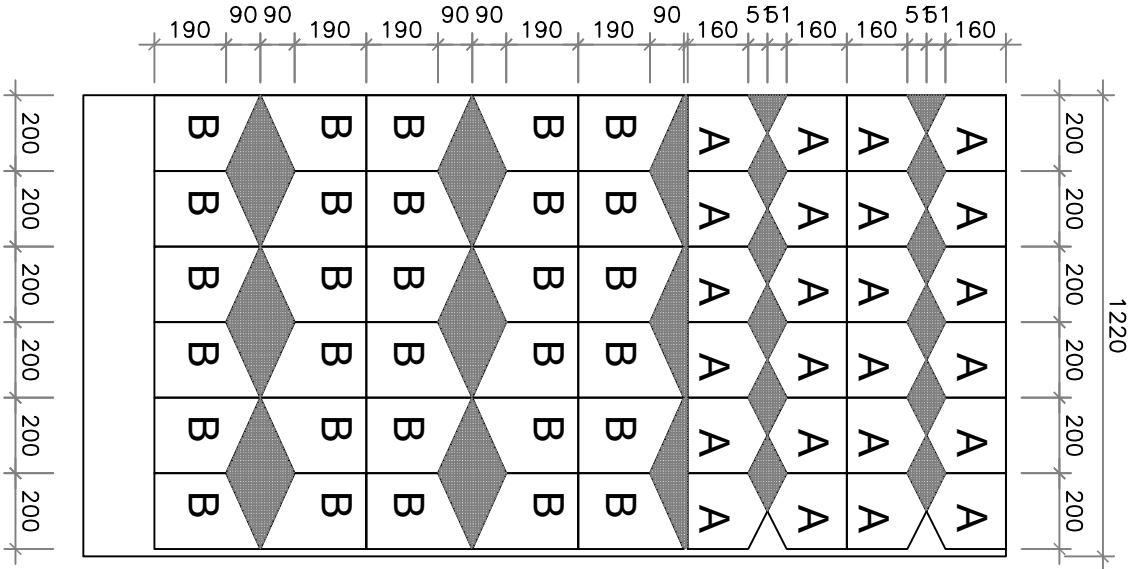
SCALE 1:20



J-FOOTING DETAIL

SCALE 1:20

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		TANK BASE FENCE LAYOUT & DETAILS	
TDS		Technical File No.	Project No. 032104 MHMS
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 488 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		Scale	Date
		sheet A103	Drawing No.



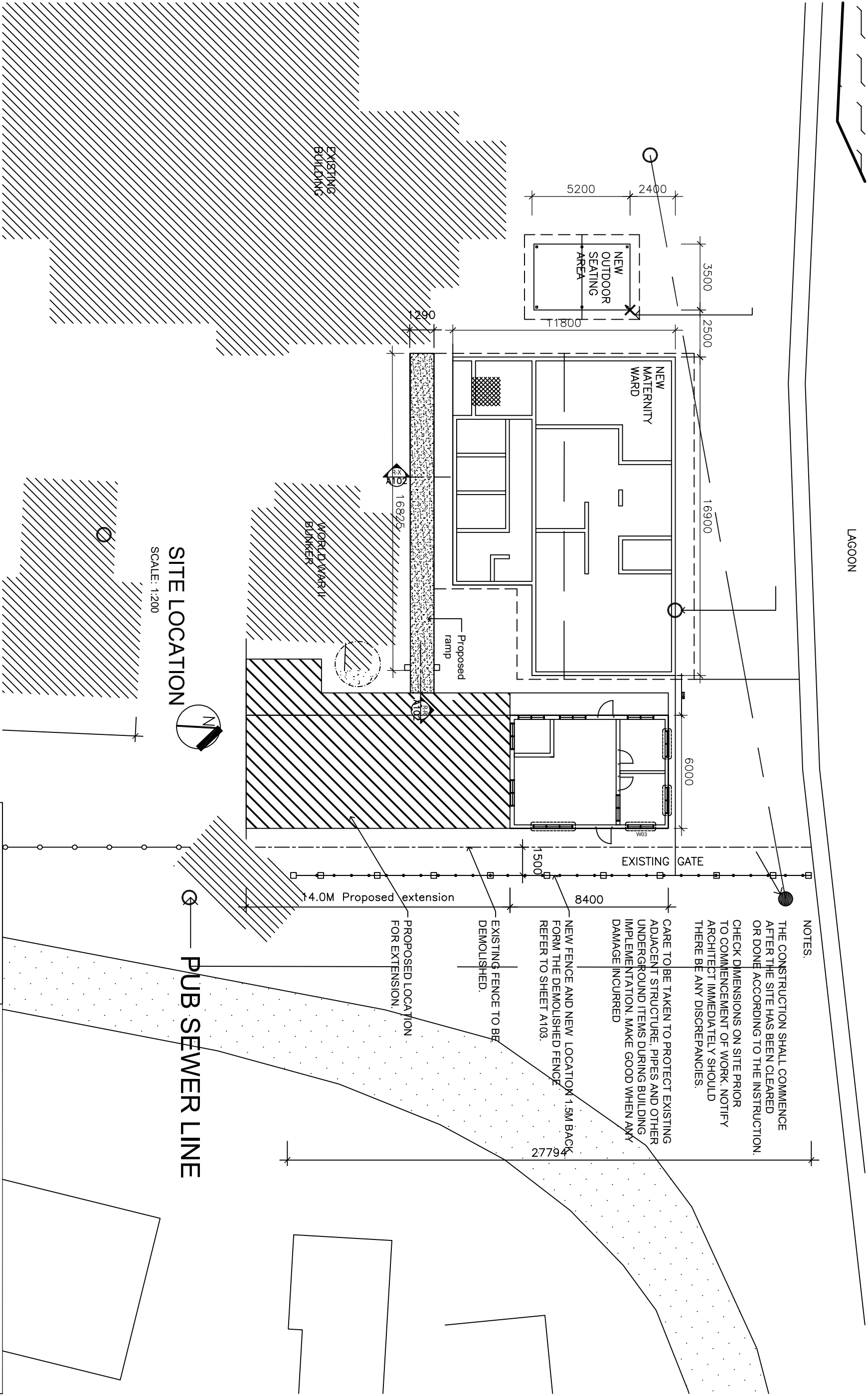
GUSSET LAYOUT.

SCALE 1:20

NOTE: THIS LAYOUT OF GUSSETS TO ASSIST CONTRACTOR TO DRAW LINES ON THE 1.220 X 2.440 PLYWOOD PRIOR TO CUT THEM ACCORDINGLY.

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		GUSSETS LAYOUT.	
TDS	Technical File No.		Project No. 032104 MHMS
	Scale		Date
	sheet A104		Drawing No.
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC			

LAGOON



NOTES.

THE CONSTRUCTION SHALL COMMENCE AFTER THE SITE HAS BEEN CLEARED OR DONE ACCORDING TO THE INSTRUCTION. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT IMMEDIATELY SHOULD THERE BE ANY DISCREPANCIES.

CARE TO BE TAKEN TO PROTECT EXISTING ADJACENT STRUCTURE, PIPES AND OTHER UNDERGROUND ITEMS DURING BUILDING IMPLEMENTATION. MAKE GOOD WHEN ANY DAMAGE INCURRED

NEW FENCE AND NEW LOCATION 1.5M BACK FROM THE DEMOLISHED FENCE. REFER TO SHEET A103.

EXISTING FENCE TO BE DEMOLISHED.

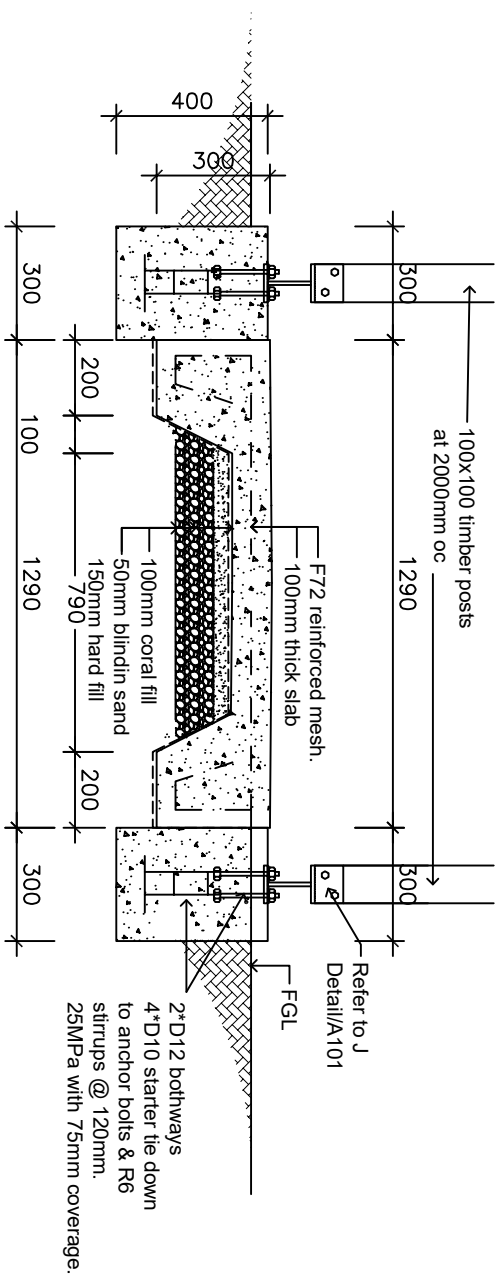
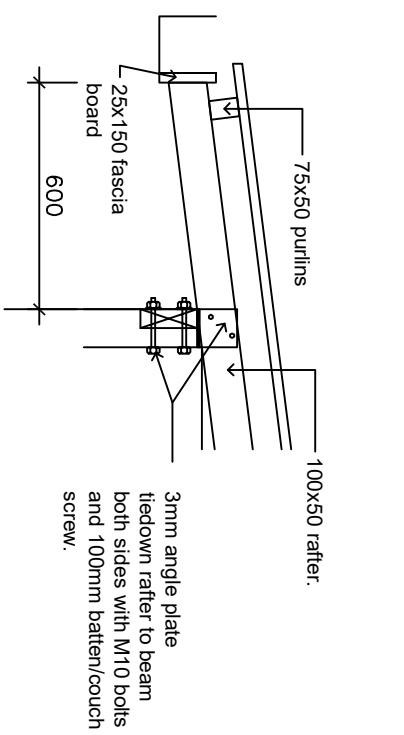
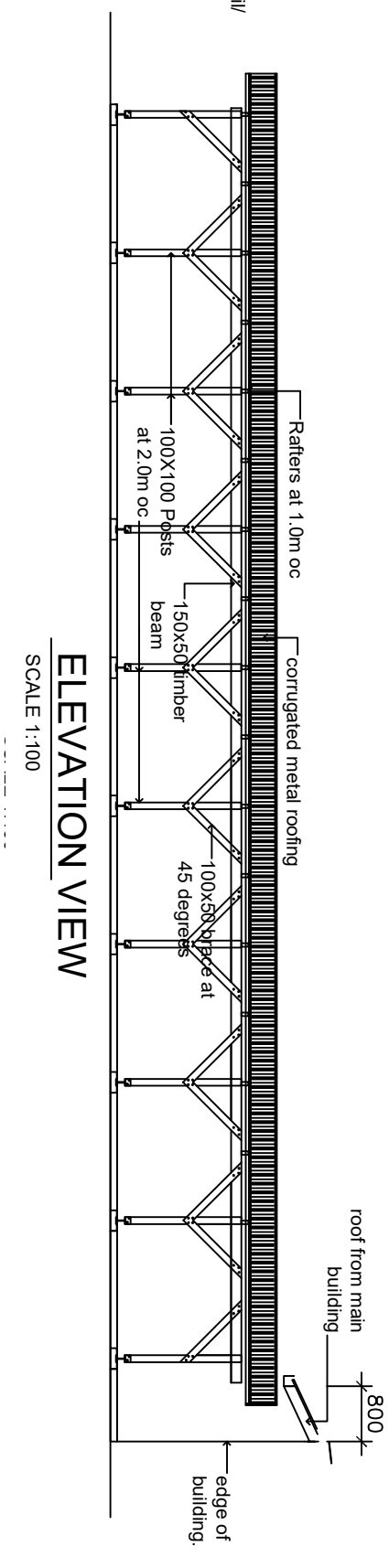
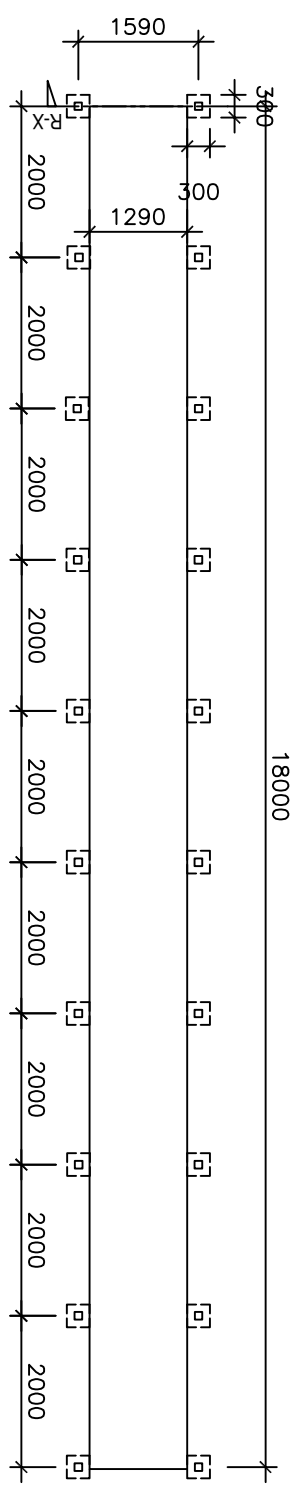
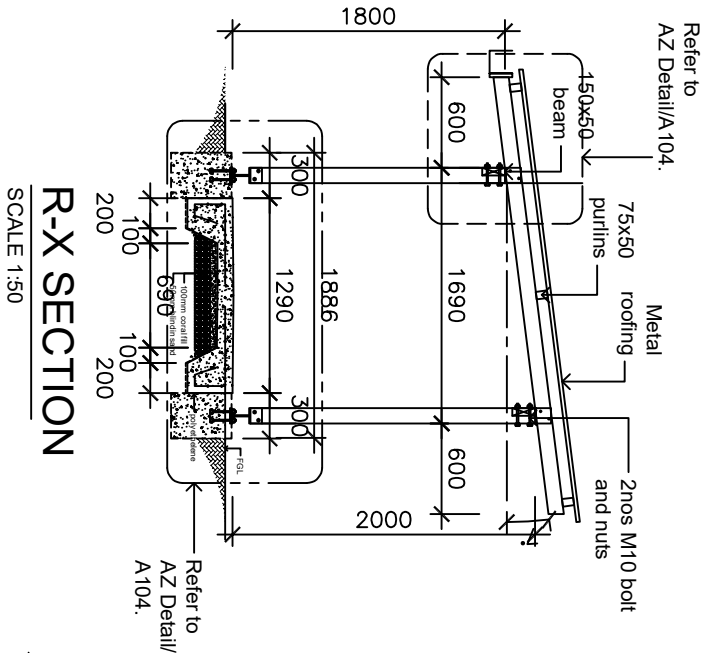
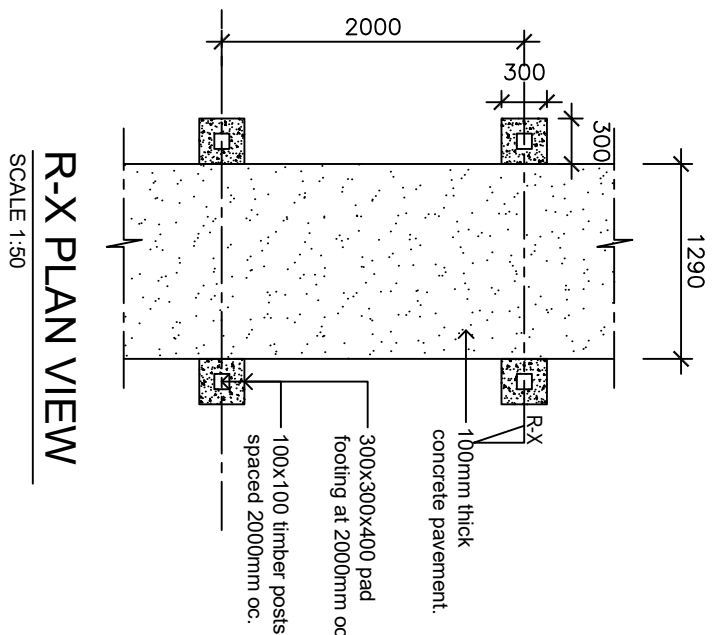
PROPOSED LOCATION FOR EXTENSION.

PUB SEWER LINE

SITE LOCATION

SCALE: 1:200

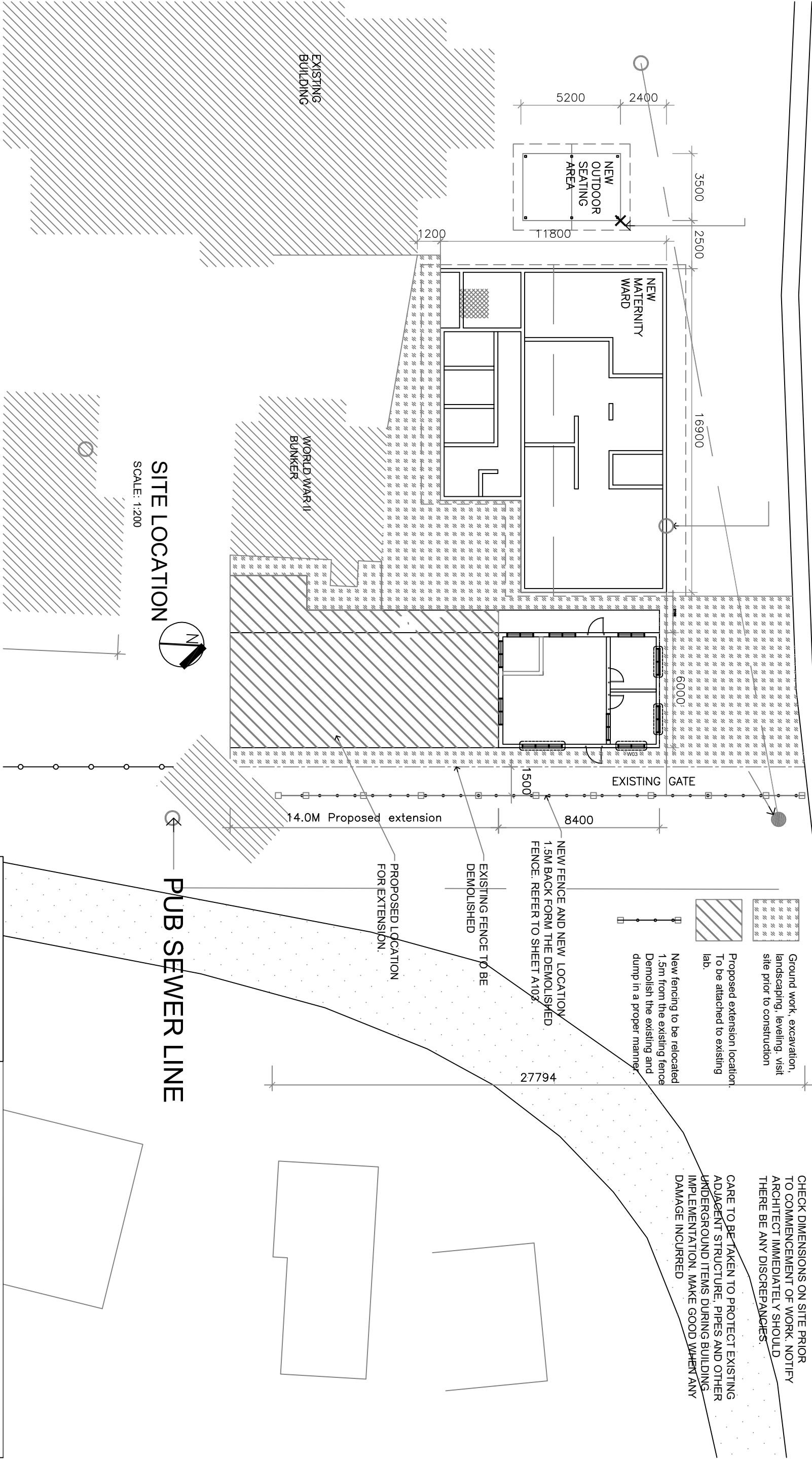
Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		SITE PLAN	
TDS		Technical File No.	Project No. 032104 MHMS
		Scale 1:200	Date
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY. PO BOX 498 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		sheet 001	Drawing No.



Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		WALKWAY COVER DETAILS	
TDS		Technical File No.	Project No. 032104 MHMS
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 498 BETTO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		Scale AS INDICATED	Date
		sheet A104	Drawing No.



LAGOON



SITE LOCATION
SCALE: 1:200

PUB SEWER LINE

Technical Design Section		Project: RADIOLOGY & REHABILITATION.	
Phone No. 751-26192		LAND SCAPING PLAN	
TDS		Technical File No.	Project No. 032104 MHMS
		Scale	Drawing No.
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE ENERGY, PO BOX 488 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		sheet 000	