

Project
OUTER ISLAND HEALTH CENTER

Client
MINISTRY OF HEALTH OF MEDICAL SERVICES

architect
MPWU ARCHITECTURAL UNIT

DRAWING LIST

- A01 COVER PAGE
- A02 PLAN - FLOOR
- A03 PLAN - ROOF, ROOF FRAMING & CEILING
- A04 PLAN - PLUMBING & DRAINAGE
- A05 PLAN - ELECTRICAL
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- A50 SCHEDULE - WINDOW
- A51 SCHEDULE - DOOR & FRAMING

TDS

TECHNICAL DESIGN SECTION
MINISTRY OF PUBLIC WORKS & UTILITIES
PO BOX 498
BETIO, TARAWA
REPUBLIC OF KIRIBATI
CENTRAL PACIFIC
PHONE: +686 26192

**OUTER ISLAND HEALTH
CENTER**

CLIENT: MHMS
PROJECT NO: 031501

DWG TITLE:
COVER PAGE

DRAWN BY: AM/TTik
REVIEWED BY: AM/TTeB
DATE: 20/05/2013
SCALE:

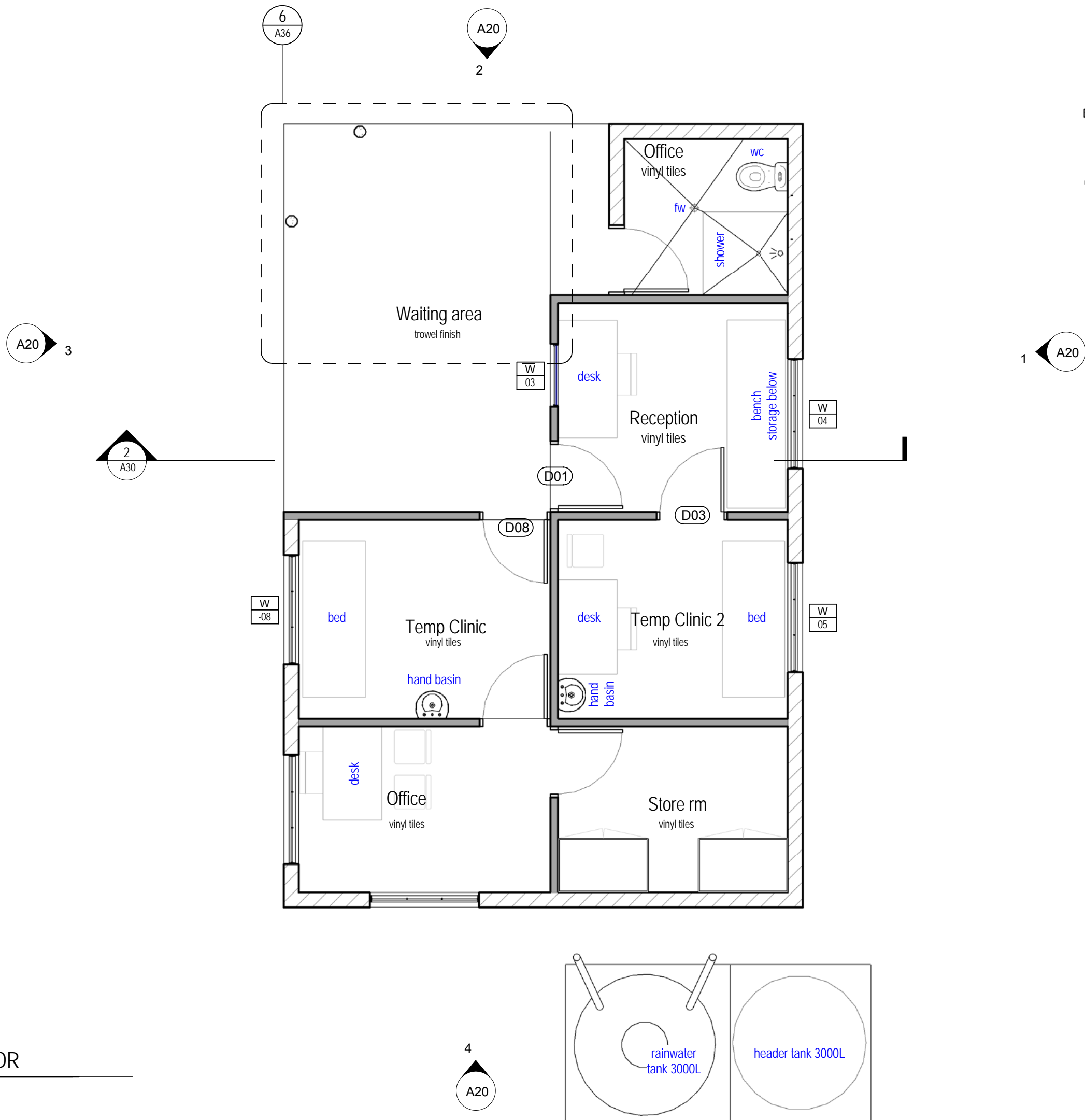
DRAWING NUMBER: ISSUE:

A01 1

1

PLAN - FLOOR

Scale: 1 : 50



PARTITION LEGEND

- 190 blockwork core filled with D10 vertically at 800 max ctrs 450 overlap. Render finish both sides
- timber stud wall with 4mm construction ply at both sides. painted finish

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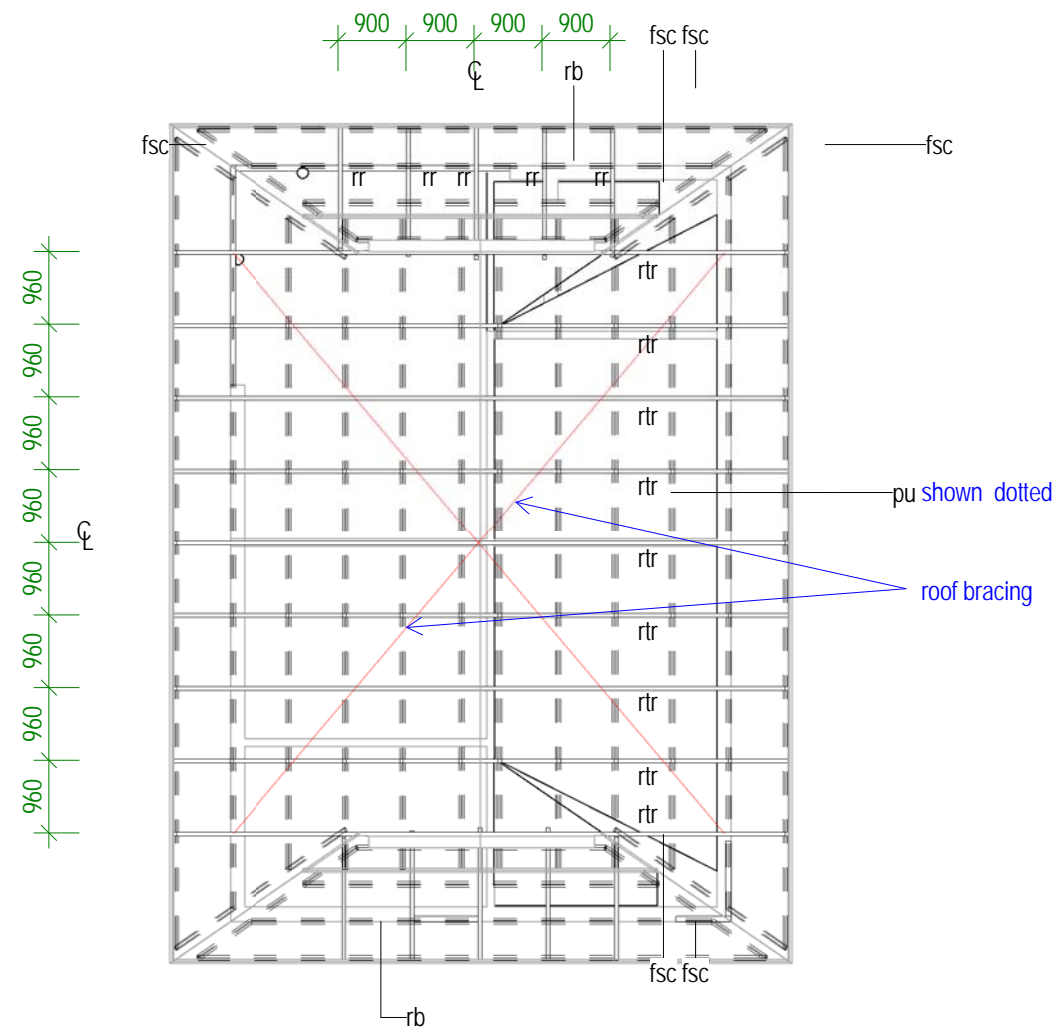
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PLAN - FLOOR

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REVIEWED BY: AM/TTeb
DATE: 20/05/2013
SCALE: As indicated

DRAWING NUMBER: ISSUE:

A02

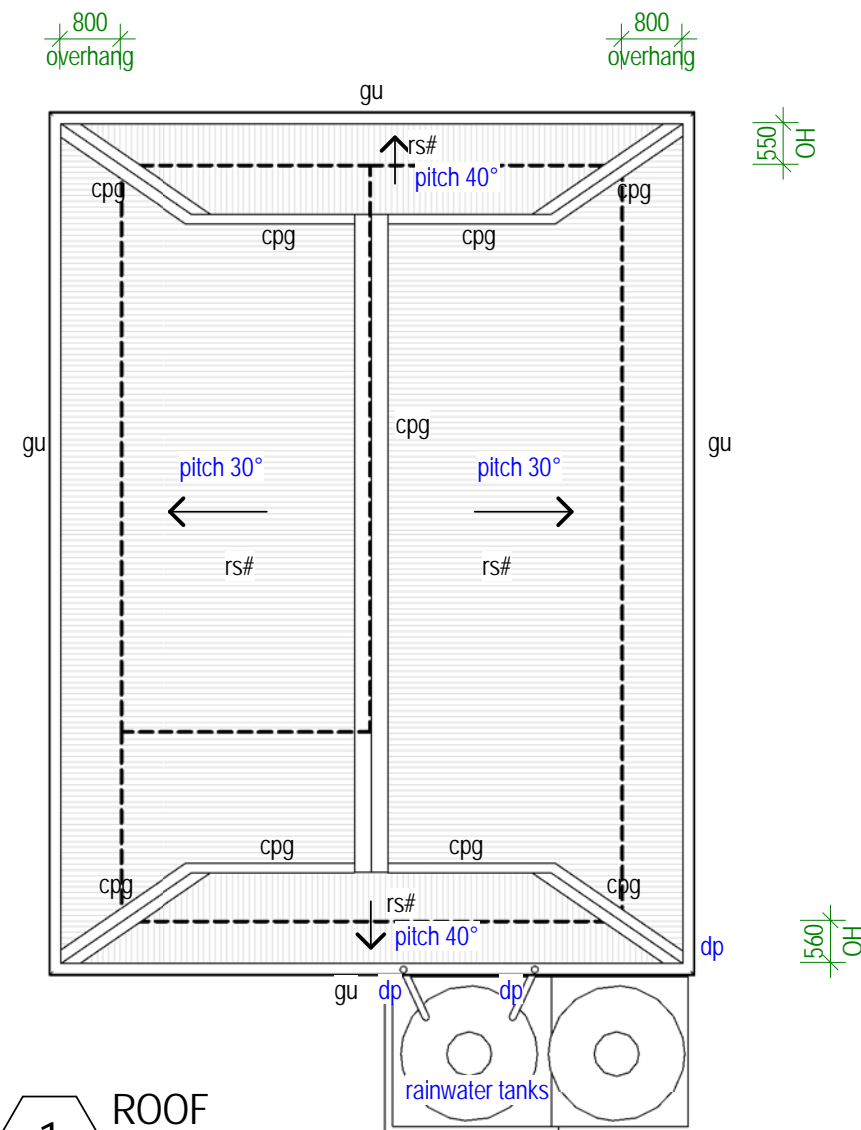
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2

ROOF FRAMING

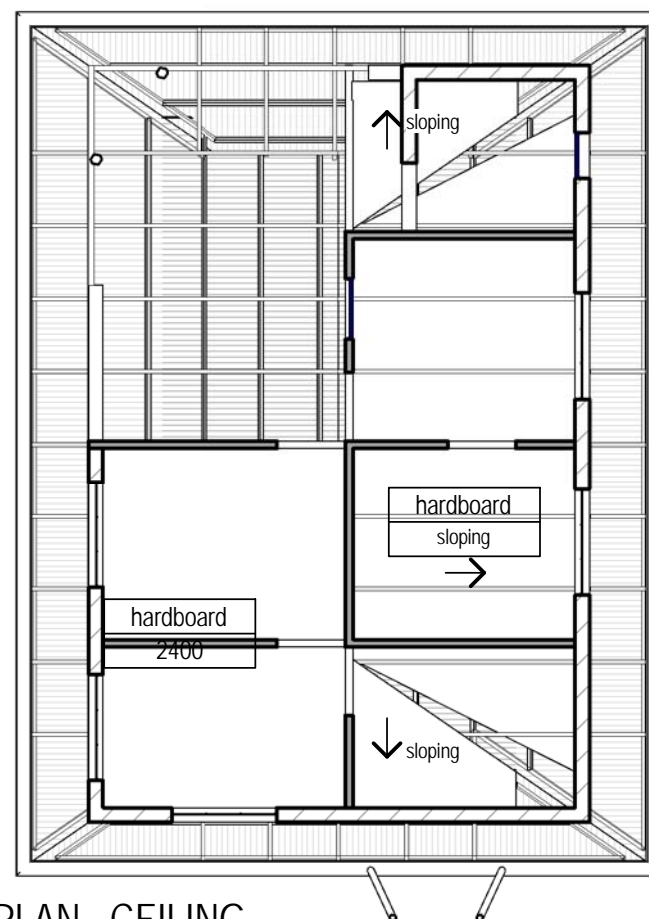
Scale: 1 : 100



1

ROOF

Scale: 1 : 100



3

PLAN - CEILING

Scale: 1 : 100

LEGEND

cpg	capping
fsc	fascia
gu	gutter
pu	purlin
rb	roof beam
rr	roof rafter
rs#	roof sheeting #
rtr	roof truss

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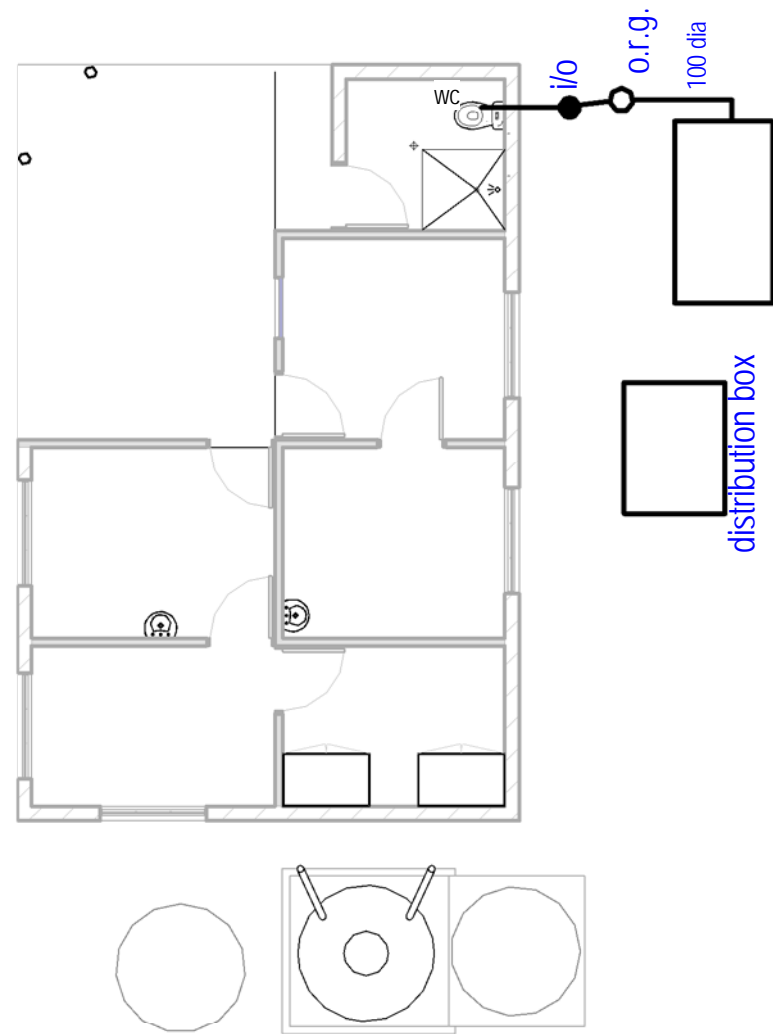
PLAN - ROOF, ROOF FRAMING & CEILING

DRAWN BY: AM/TTeb
REVIEWED BY: AM/TTeb
DATE: 20/05/2013
SCALE: 1 : 100

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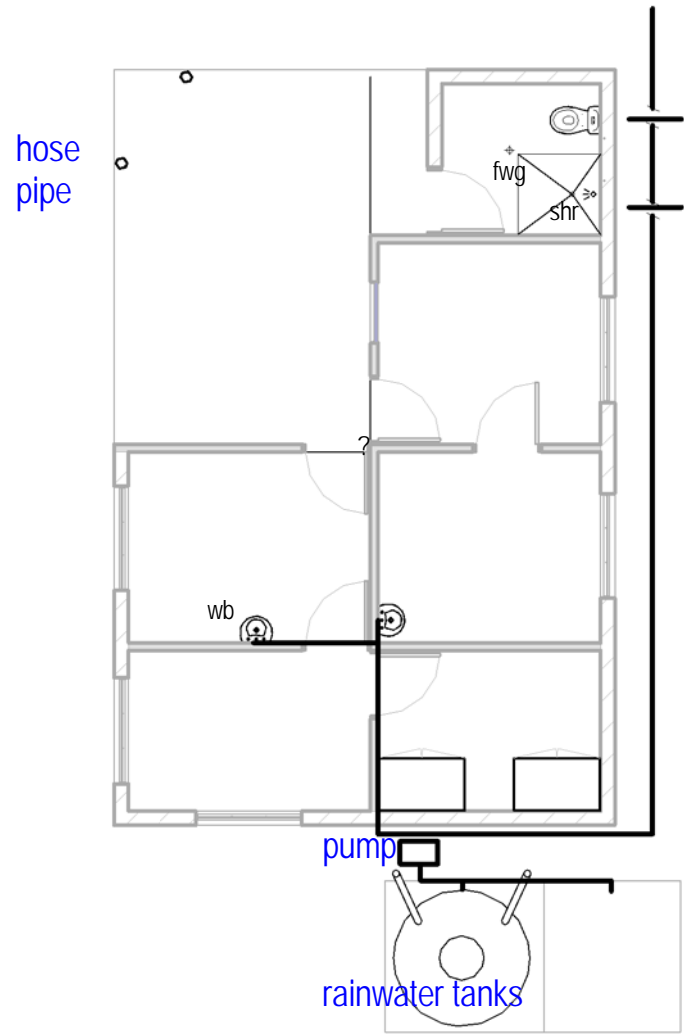
A03

1



2 PLAN - SEWAGE
Scale: 1 : 100

NOTE:
SITE UNDERGROUND SERVICES WILL BE CONFIRMED ON
SITE DURING SITE SET OUT TO ENSURE ALL SIT WITHIN
SITE BOUNDARY WITH EASY ACCESS OF SERVICING
VEHICLES.



1 PLAN - PLUMBING
Scale: 1 : 100

connect to
existing supplies
on site for WCs

- Supply Inlet Pipe Sizes:
- 25mm Distribution pipe from tank or water mains
 - 15mm pipe from distribution line to outlets

Consult MPWU WSEU for any other specific supply pipe items.

install valve @ inlet pvc pipes where necessary to avoid mixing of the two tanks content i.e. rainwater and PUB supply

LEGEND

fwg	floor waste gully
shr	shower
wb	wall basin
wc	water closet assembly

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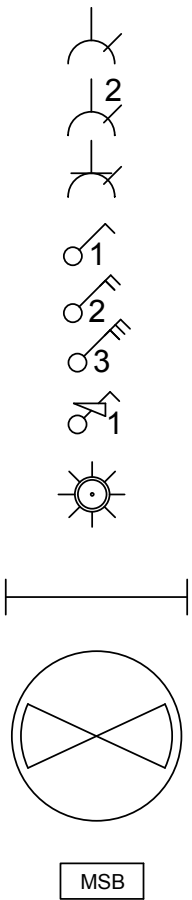
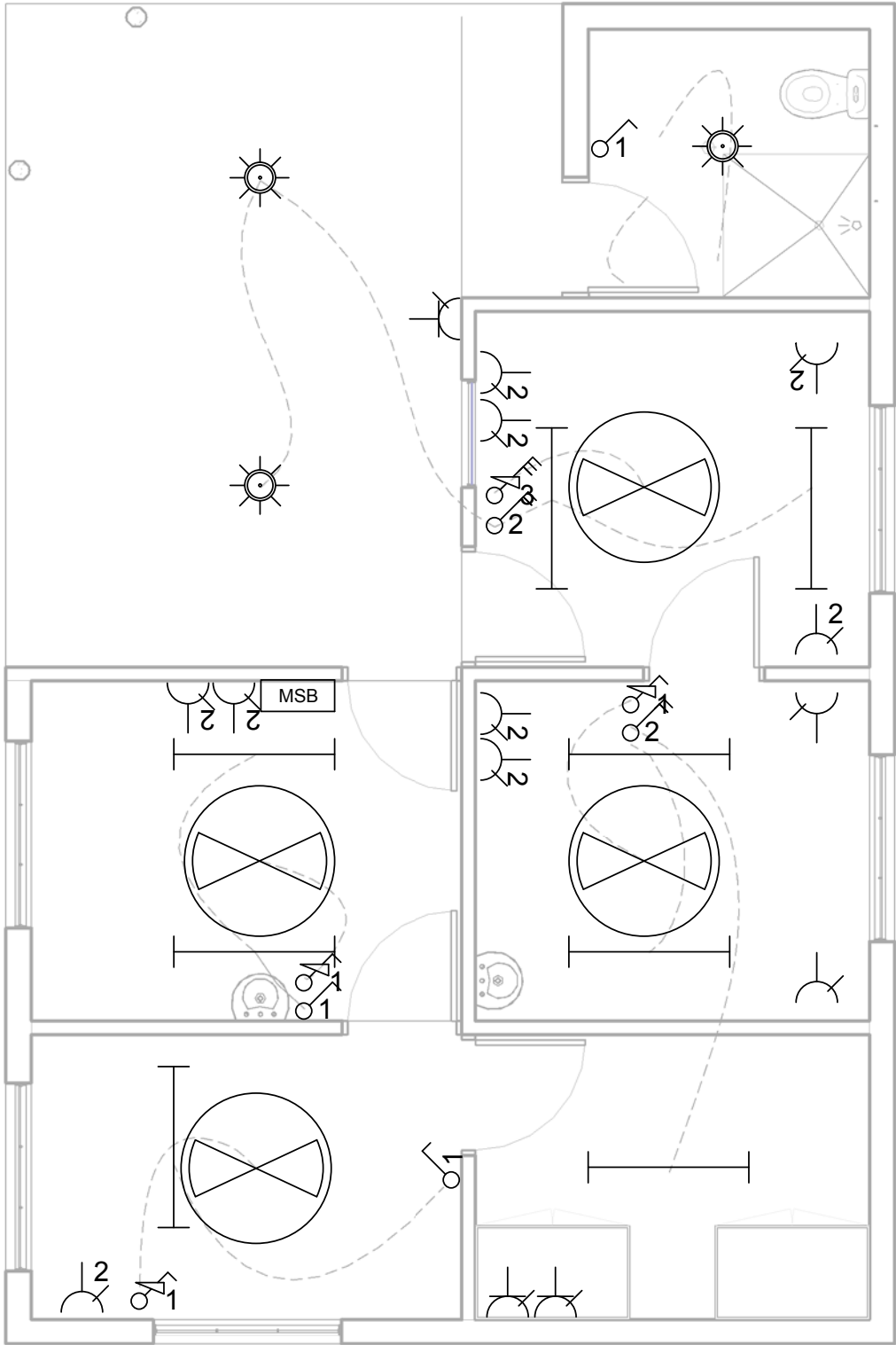
OUTER ISLAND HEALTH CENTER

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DWG TITLE:
PLAN - PLUMBING & DRAINAGE

DRAWN BY: AM/TTeB
REVIEWED BY: AM/TTeB
DATE: 05/05/2016
SCALE: 1 : 100

DRAWING NUMBER: ISSUE:



ELECTRICAL LEGEND

GPO single

GPO double

GPO waterproof

Light switch single

Light switch double

Light switch triple

Fan switch single

CFL Bulbs

LED Light

Ceiling fan

Main switchboard

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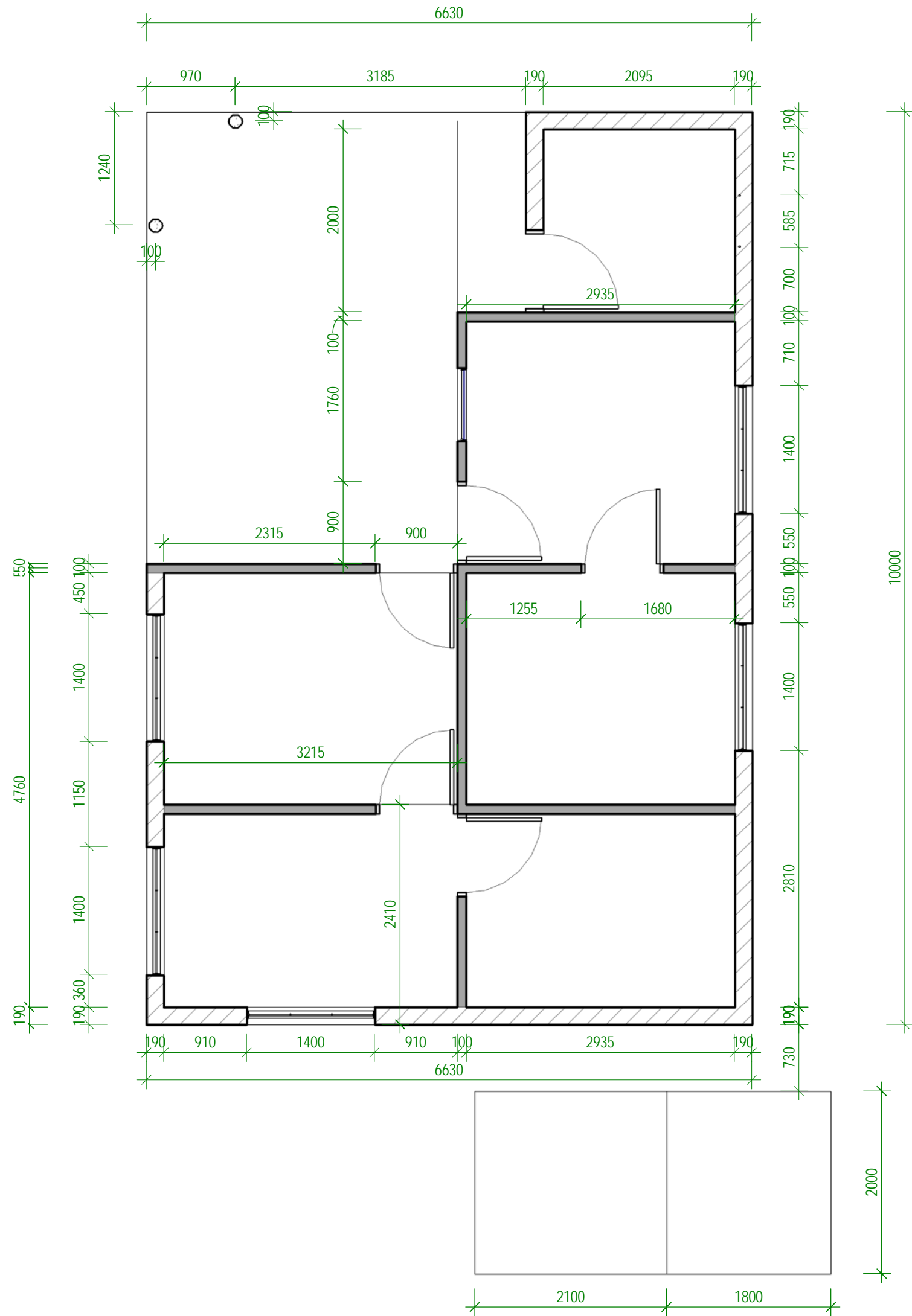
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PLAN - ELECTRICAL

DRAWN BY: AM/TTeb
REVIEWED BY: AM/TTeb
DATE: 20/05/2013
SCALE: As indicated

DRAWING NUMBER: ISSUE:

A05

1



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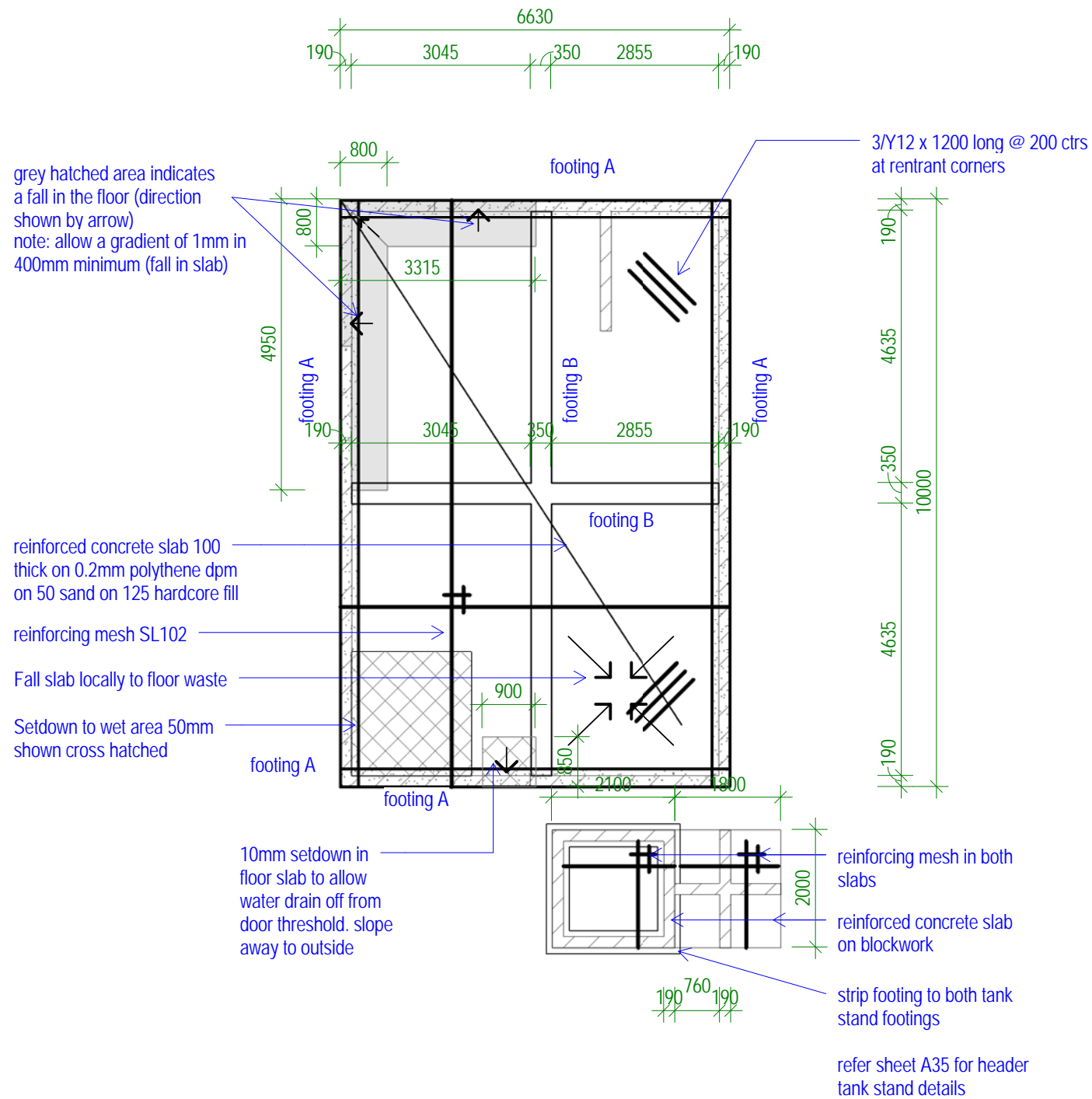
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PLAN - DIMENSION

DRAWN BY: TTeb
REVIEWED BY: TTeb
DATE: 04/20/2016
SCALE: 1 : 50

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A06

1



1 FOUNDATION

Scale: 1 : 100

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DWG TITLE:
PLAN - FOUNDATION

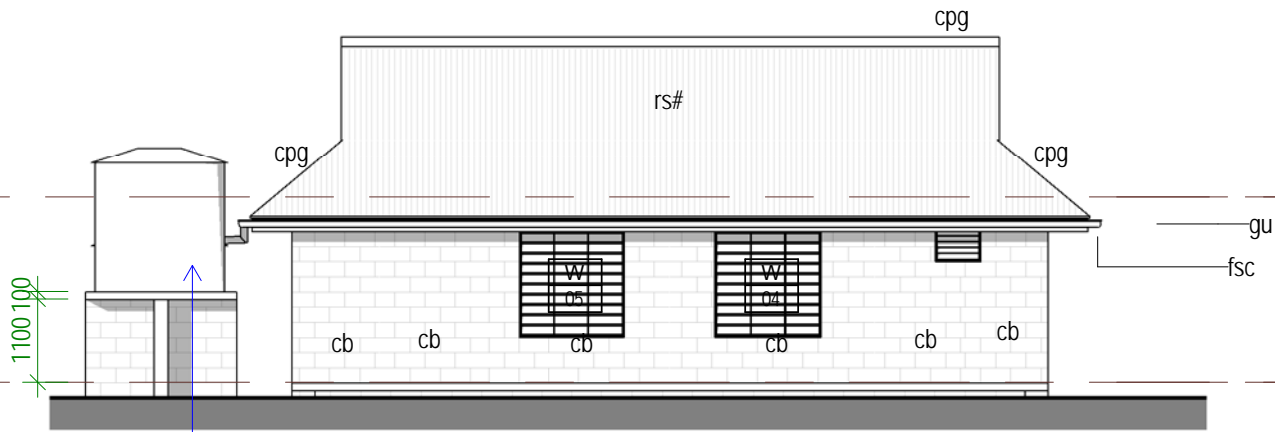
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REVIEWED BY: Checker
DATE: 08/22/17
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DRAWING NUMBER: ISSUE:

A07 Approver

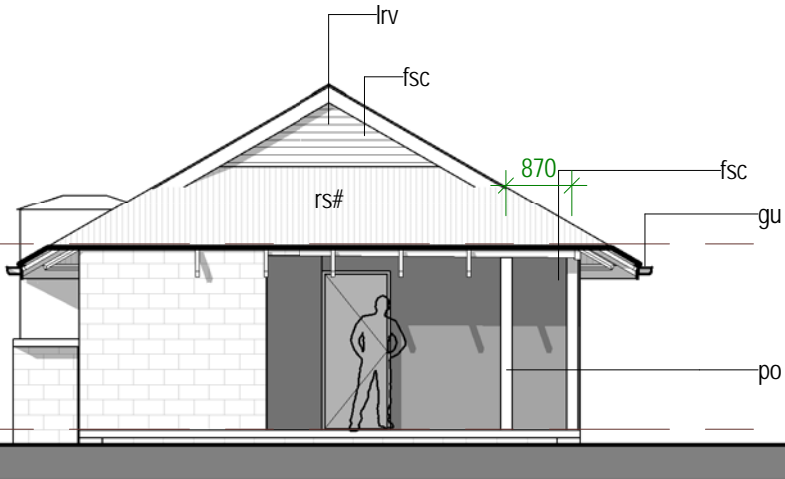
LEGEND

cb	
cpg	capping
fsc	fascia
gu	gutter
lrv	louvres
po	post
rs#	roof sheeting #



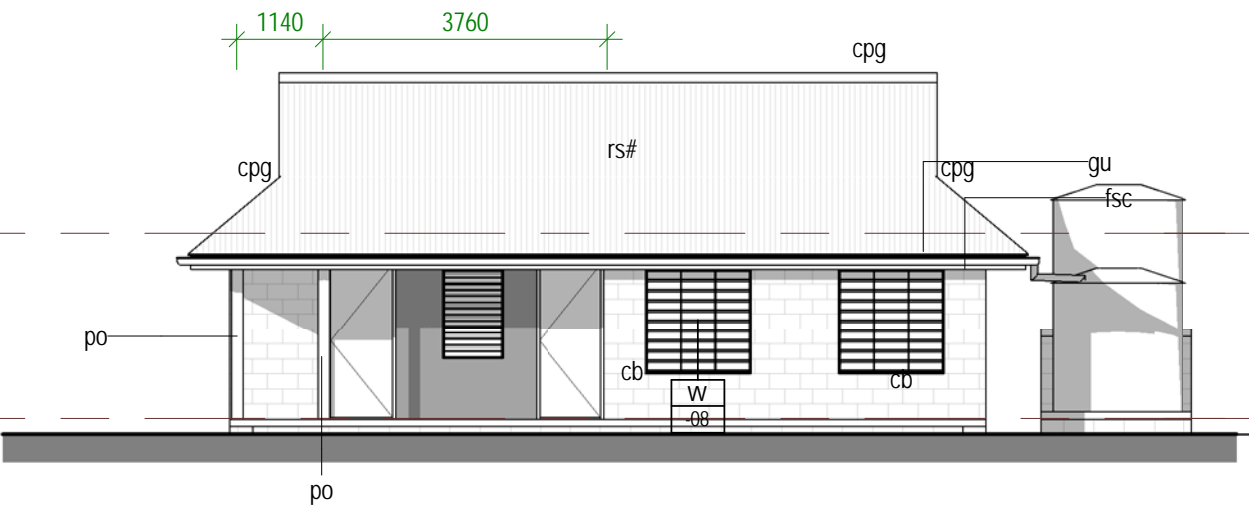
1 EAST

Scale: 1 : 100



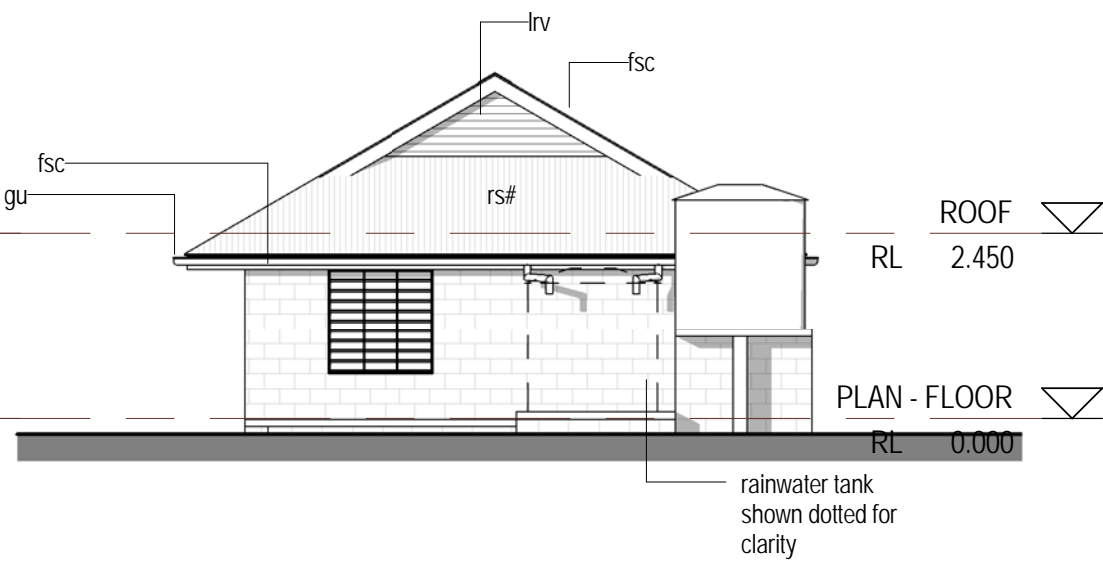
2 NORTH

Scale: 1 : 100



3 WEST

Scale: 1 : 100



4 SOUTH

Scale: 1 : 100

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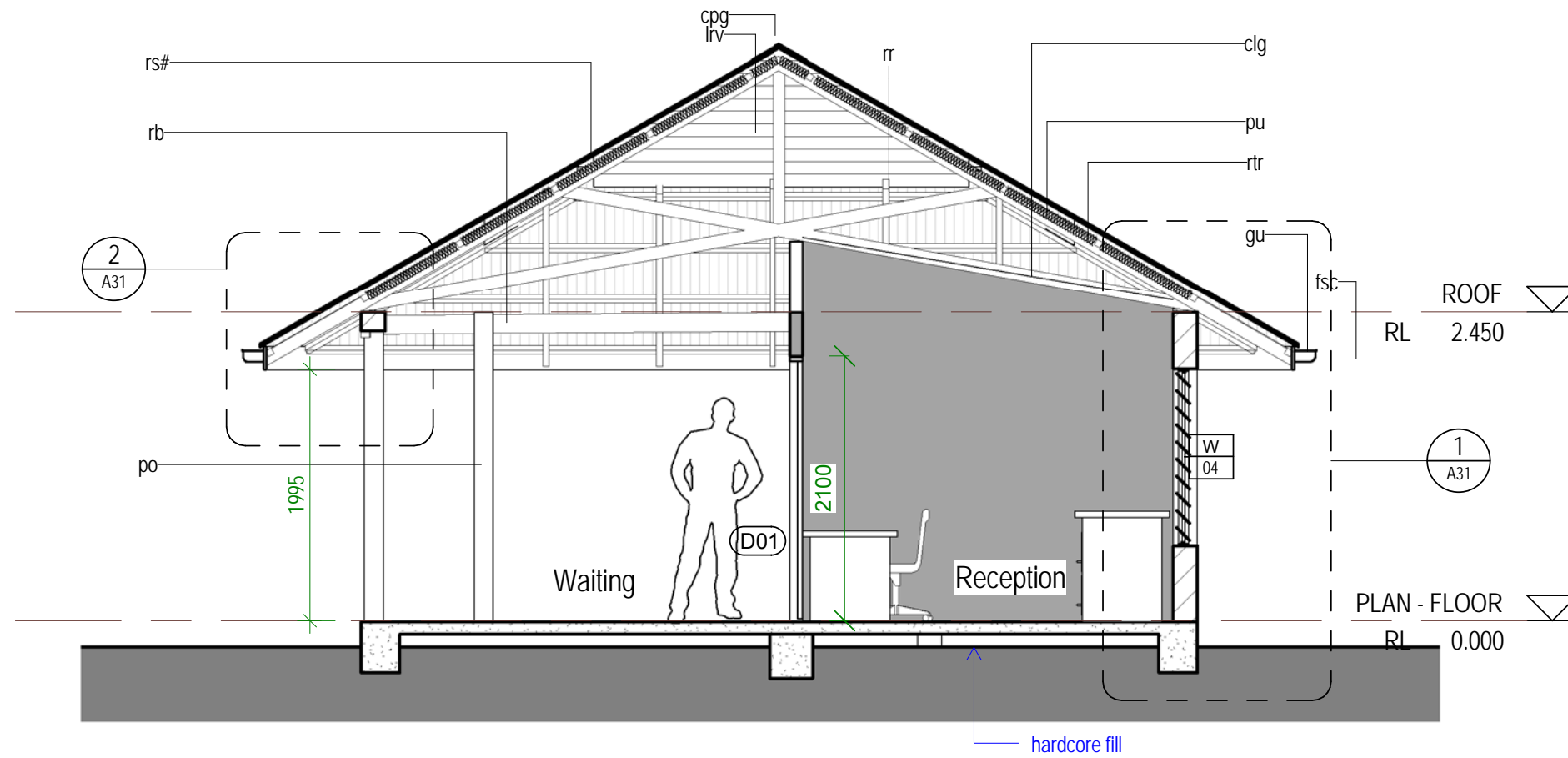
DWG TITLE:
ELEVATIONS

DRAWN BY: AM
REVIEWED BY: AM
DATE: 20/05/2013
SCALE: 1 : 100

DRAWING NUMBER: ISSUE:

A20

1



2 Section B
Scale: 1 : 50

LEGEND	
clg	ceiling
cpg	capping
fsc	fascia
gu	gutter
lrv	louvres
po	post
pu	purlin
rb	roof beam
rr	roof rafter
rs#	roof sheeting #
rtr	roof truss

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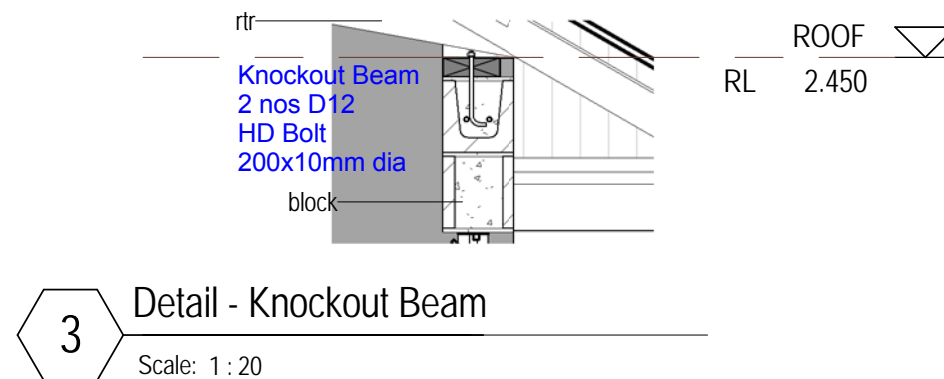
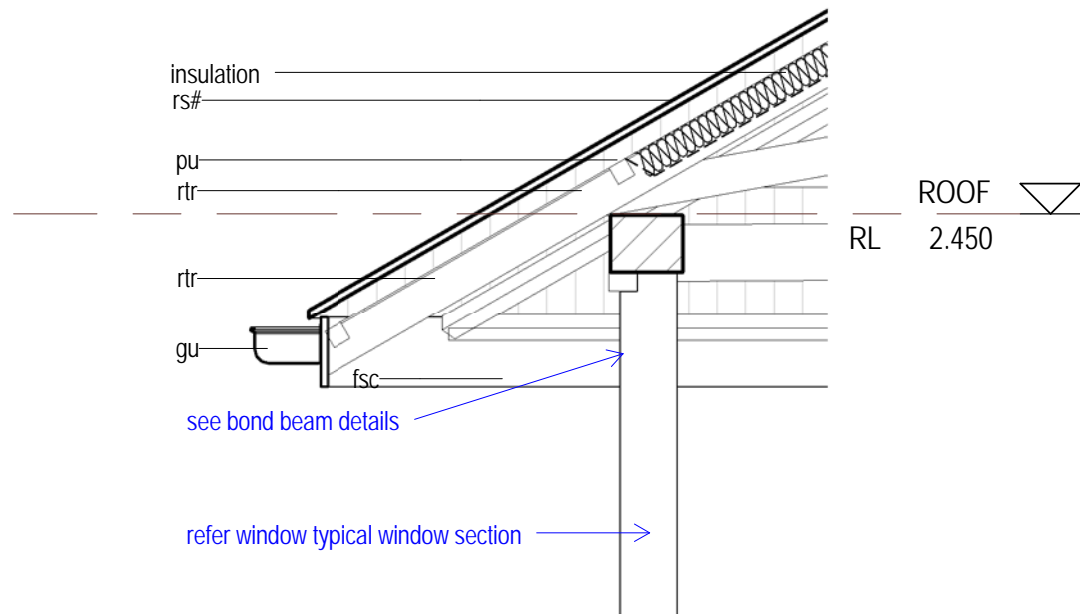
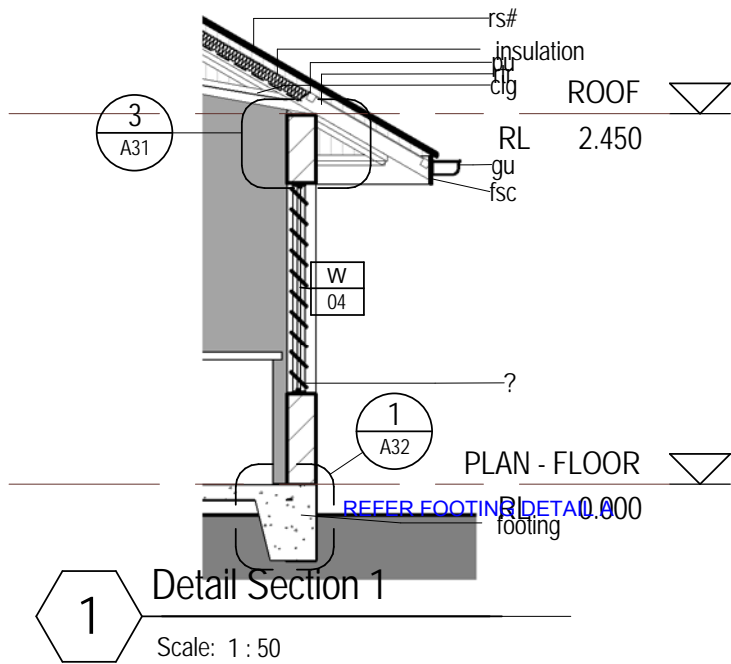
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SECTIONS

DRAWN BY: AM
REVIEWED BY: AM
DATE: 20/05/2013
SCALE: 1 : 50

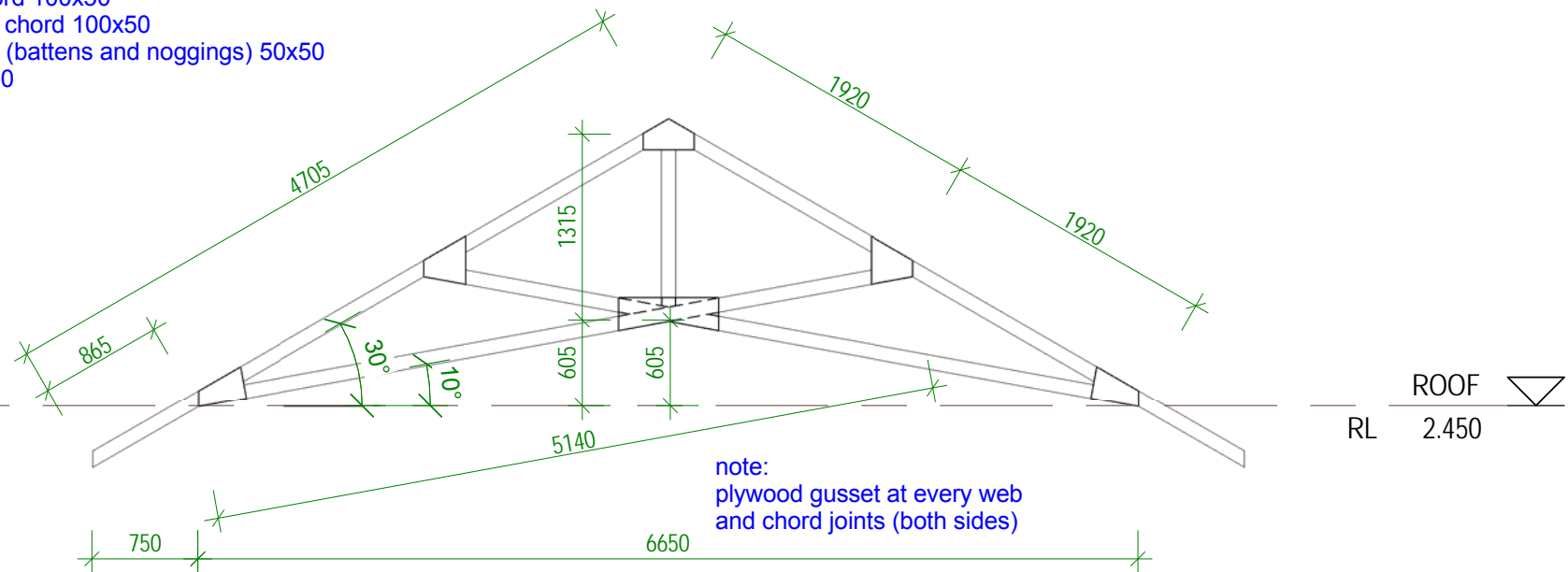
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A30

1



Roof Member Sizes:
Purlin 50x50
Truss top chord 100x50
Truss bottom chord 100x50
Ceiling frame (battens and noggings) 50x50
Fascia 190x20



LEGEND

block
cb
clg
fsc
gu
pu
rs#
rtr
ceiling
fascia
gutter
purlin
roof sheeting #

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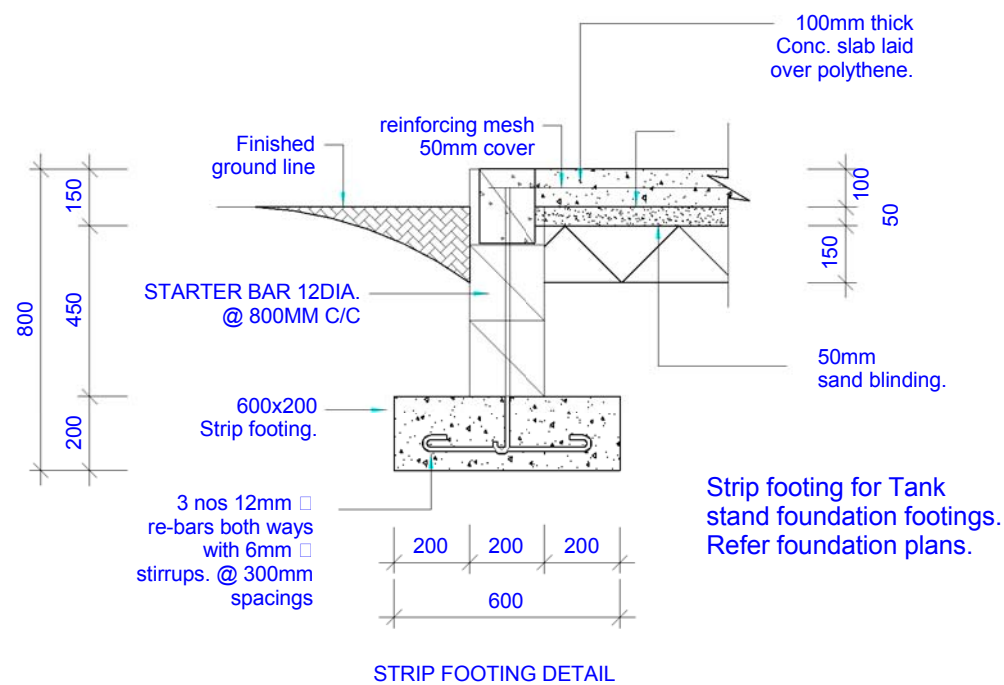
DWG TITLE:
DETAILS

DRAWN BY: AM/TTeb
REVIEWED BY: AM/TTeb
DATE: 20/05/2013
SCALE: As indicated

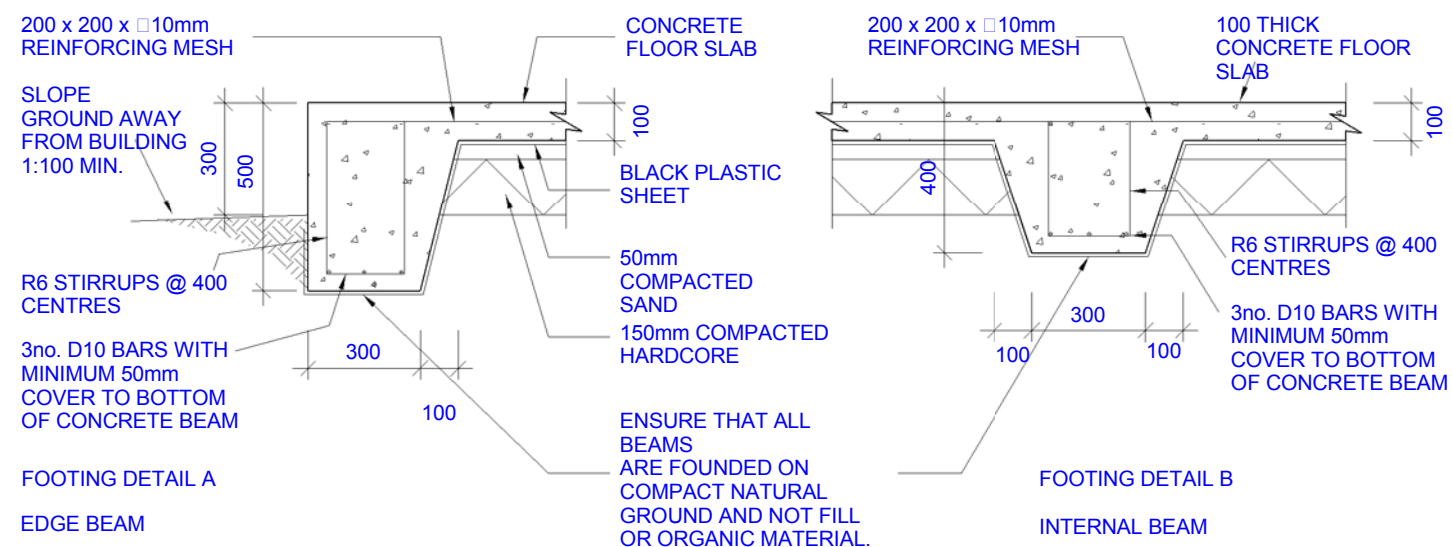
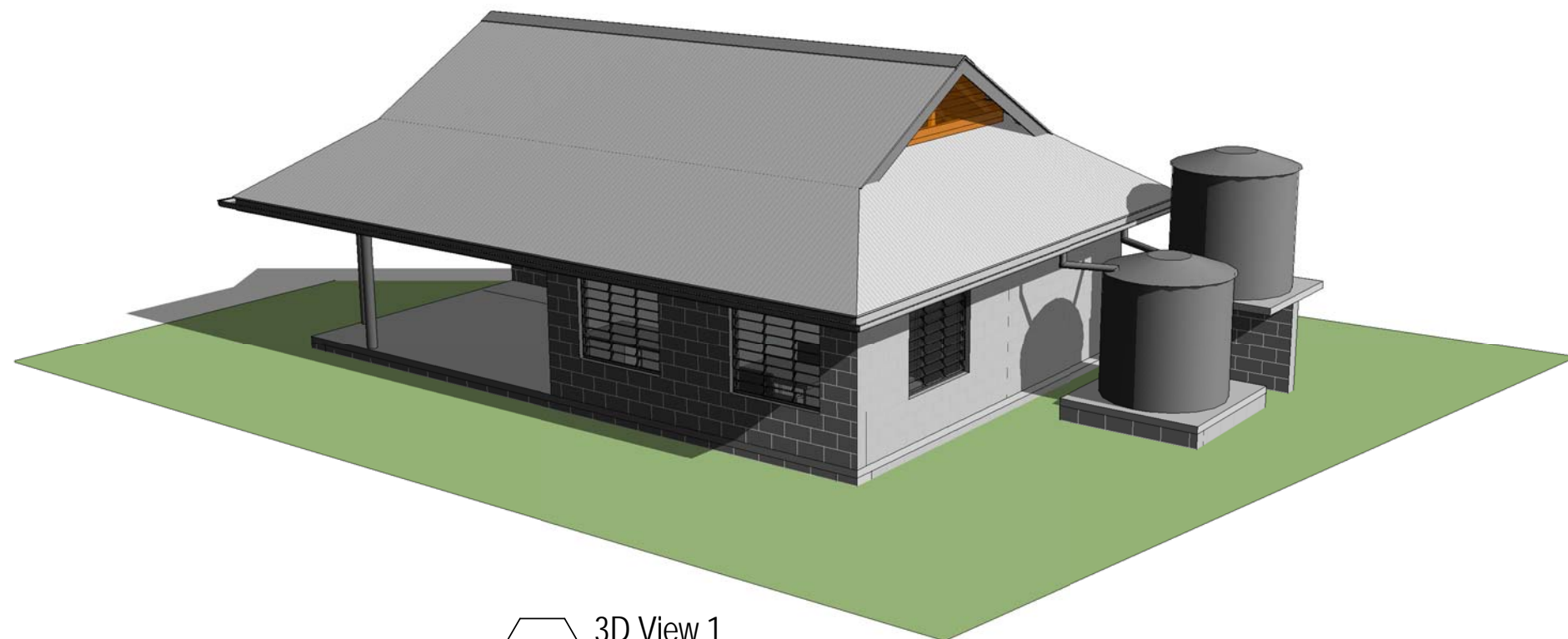
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A31

1



Strip footing for Tank stand foundation footings. Refer foundation plans.



1 Detail - Footings

Scale: 1 : 20

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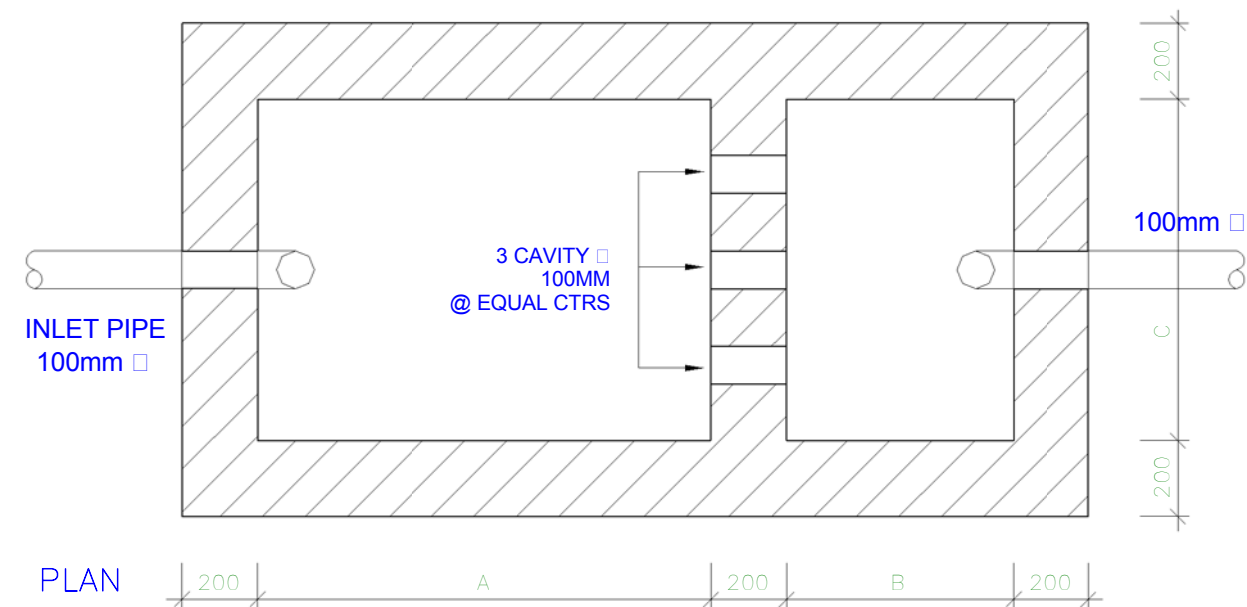
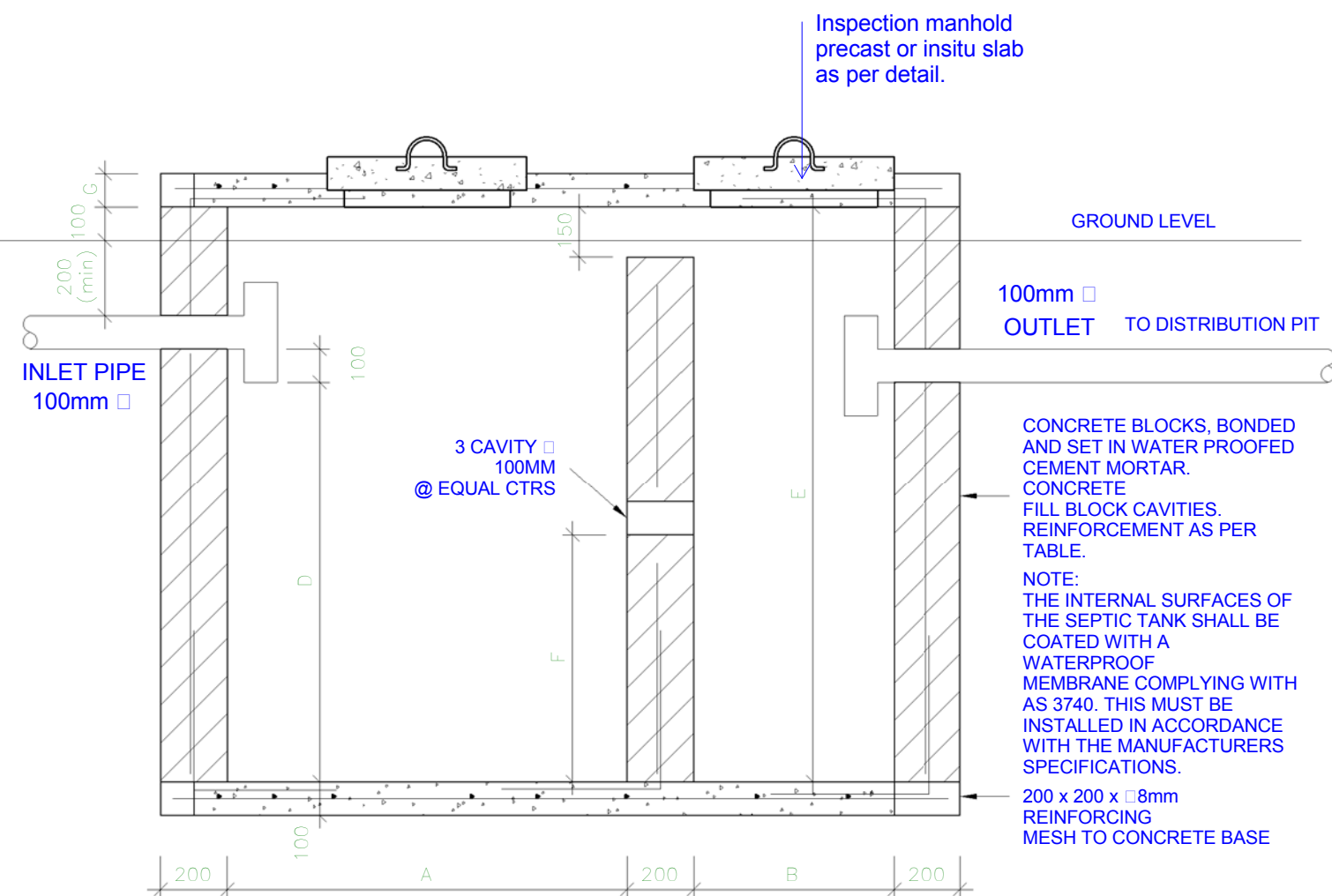
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DETAILS - FOOTINGS & 3D VIEW

DRAWN BY: AM
REVIEWED BY: AM
DATE: 20/05/2013
SCALE: 1 : 20

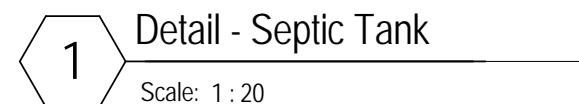
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A32

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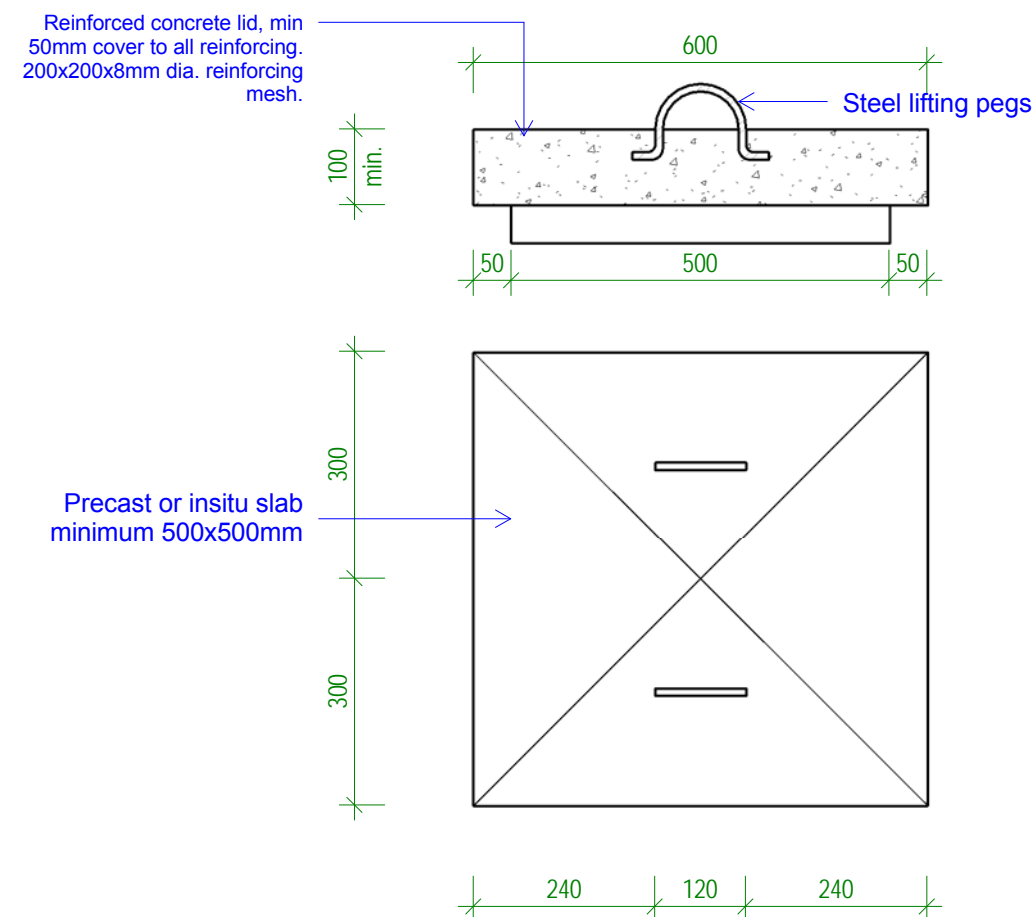
SEPTIC TANK



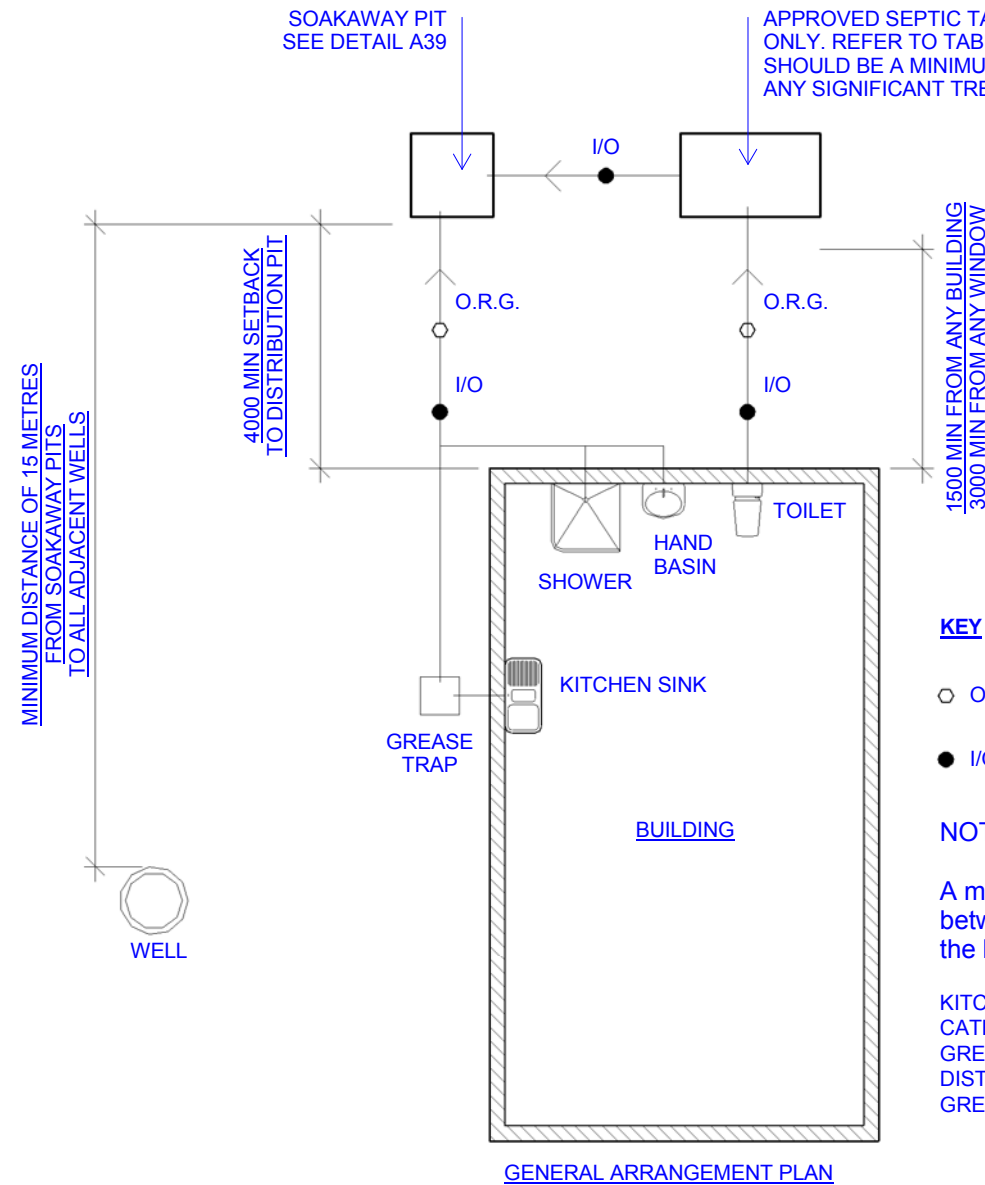
NO. OF USERS	DIMENSIONS IN MM							VOLUME kL (m3)	REINFORCEMENT	
	A	B	C	D	E	F	G		Vertical Bars	Horiz. Bars
10	1200	0600	0900	1200	1675	740	100	2.04	D12 @ 400	D12 @ 600
15	1370	0760	0900	1200	1675	740	100	2.38	D12 @ 400	D12 @ 600
25	1675	0900	1065	1370	1830	835	100	3.74	D16 @ 600	D12 @ 600
40	2130	1065	1200	1370	1830	825	100	5.35	D16 @ 600	D12 @ 600
60	2430	1200	1370	1370	1830	825	150	6.94	D16 @ 600	D12 @ 600
75	2590	1370	1525	1525	1980	900	150	9.21	D16 @ 400	D16 @ 600
100	3150	1525	1830	1525	1980	900	150	13.59	D16 @ 400	D16 @ 600
150	3660	1830	2730	1525	1980	900	150	17.84	D16 @ 400	D16 @ 600
200	3810	2730	2430	1525	1980	900	150	21.52	D16 @ 400	D16 @ 600

SIZES ARE BASED ON SEPTIC TANK BEING ONLY CONNECTED TO THE TOILET

SIZES AND REINFORCING CAN BE USED FOR EITHER REINFORCED CONCRETE OR REINFORCED CONCRETE BLOCKWORK



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<h2>OUTER ISLAND HEALTH CENTER</h2>	
CLIENT:	MHMS
PROJECT NO:	031501
DWG TITLE:	
<h3>DETAILS - SEPTIC TANK</h3>	
DRAWN BY:	AM/TTeb
REVIEWED BY:	AM/TTeb
DATE:	05/05/2016
SCALE:	As indicated
DRAWING NUMBER:	ISSUE:
A33	1



KEY

- O.R.G. OVERFLOW RELIEF GULLY /
DISCONNECTOR GULLY
- I/O INSPECTION OPENING

NOTES:

A minimum height of 150mm must be kept
between the top of the overflow gully riser and
the lowest fixture connected to the *drain*.

KITCHEN SINK WASTES FROM COMMERCIAL KITCHENS OR
CATERING OPERATORS MUST PASS THROUGH AN APPROVED
GREASE TRAP PRIOR TO BEEN DISCHARGED INTO THE
DISTRIBUTION PIT.
GREASE PITS ARE NOT COMPULSORY FOR HOUSES.

1 Detail - Drainage layout

Scale: 1 : 100

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DWG TITLE:

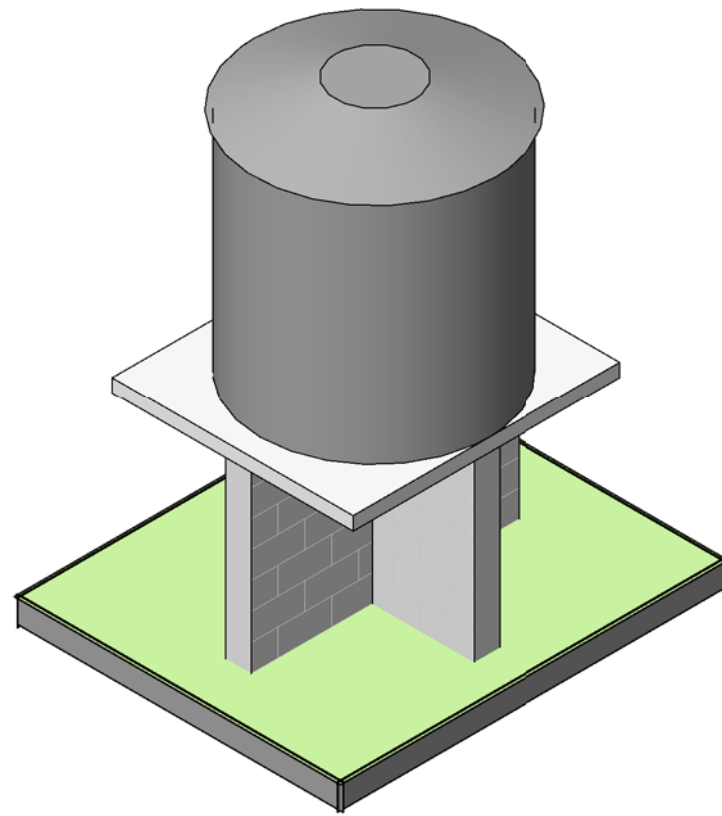
**DETAILS - TYPICAL
DRAINAGE LAYOUT**

DRAWN BY: AM
REVIEWED BY: AM
DATE: 05/05/2016
SCALE: 1 : 100

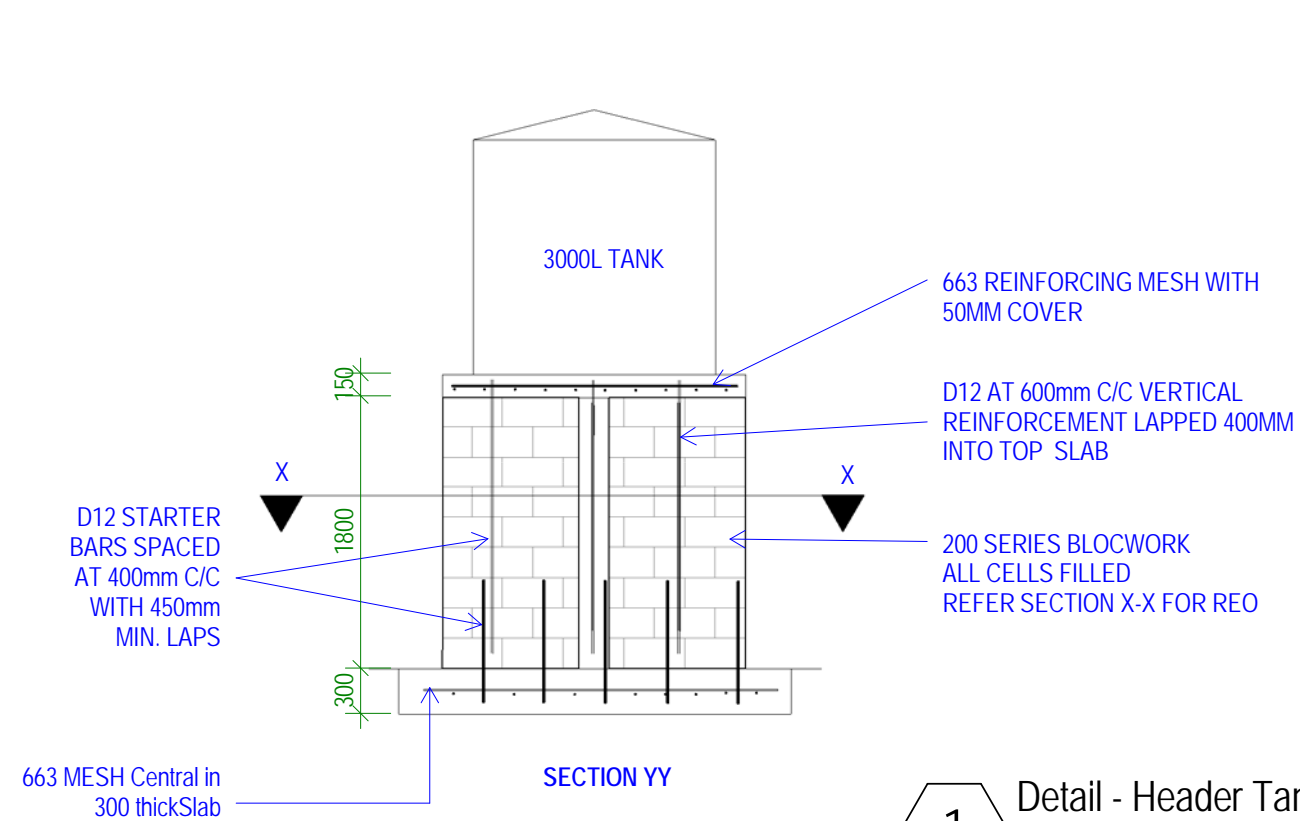
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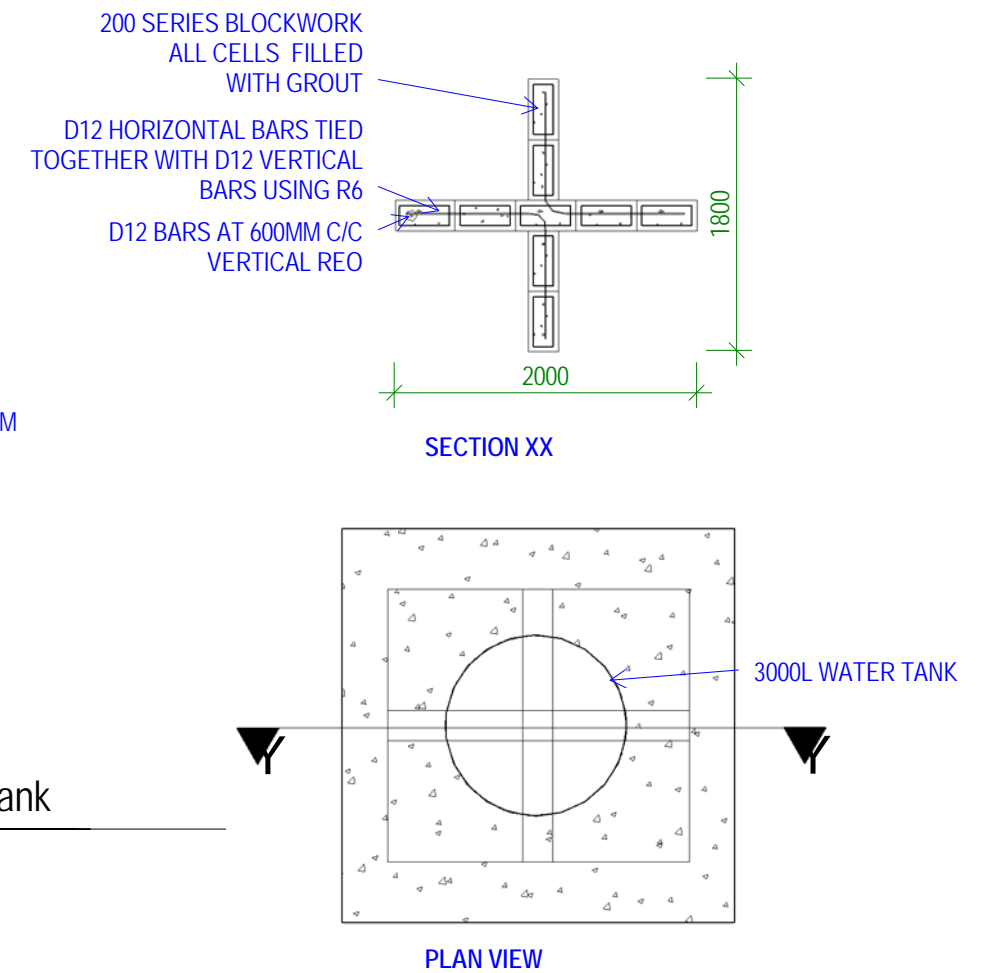
1



2 Header tank 3d
Scale:



1 Detail - Header Tank
Scale: 1 : 50



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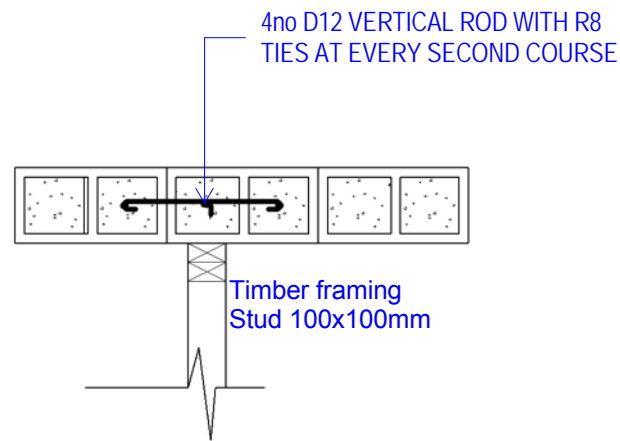
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**DETAILS - HEADER
TANK STAND**

DRAWN BY: TTeB
REVIEWED BY: TTeB
DATE: 05/05/2016
SCALE: 1 : 50

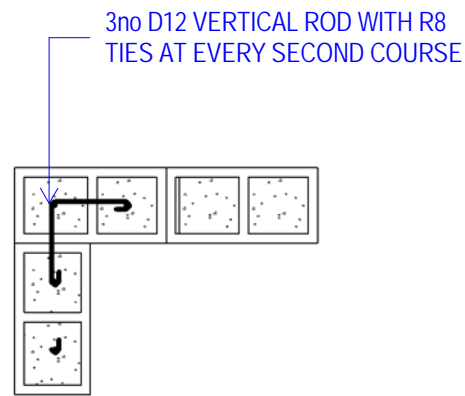
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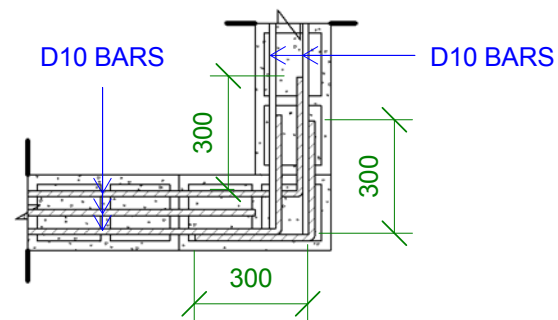
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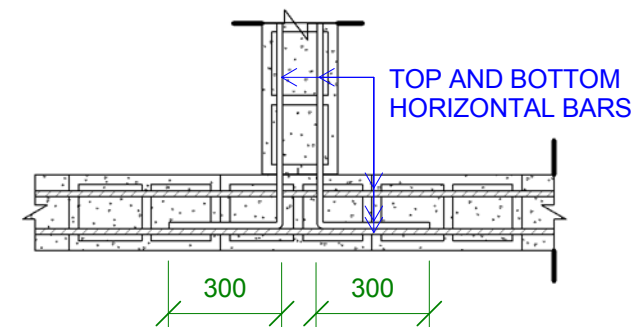
INTERSECTION BLOCK/TIMBER BINDIND DETAIL
SCALE-1:20



CORNER BLOCK BINDING DETAIL
SCALE-1:20



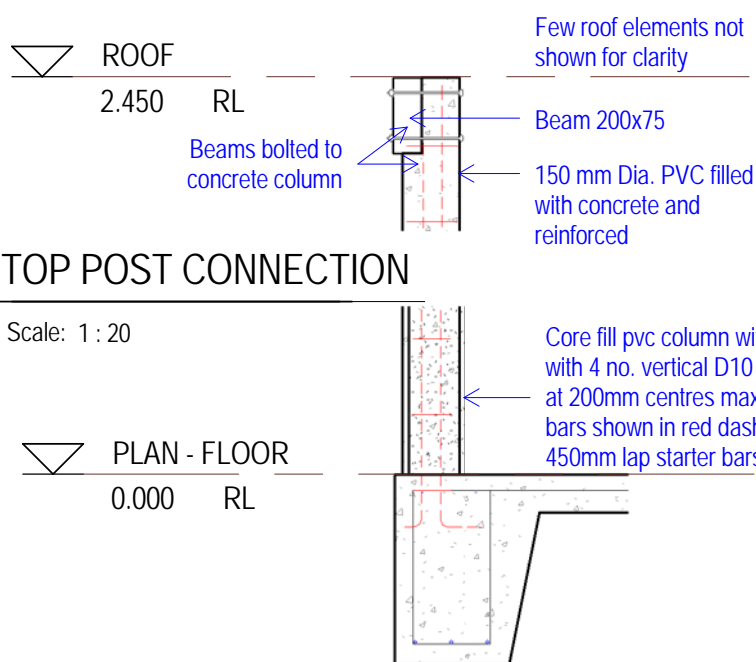
CORNER KNOCKOUT BEAM BINDING DETAIL
SCALE-1:20



INTERSECTION KNOCKOUT BEAM BINDING DETAIL
SCALE-1:20

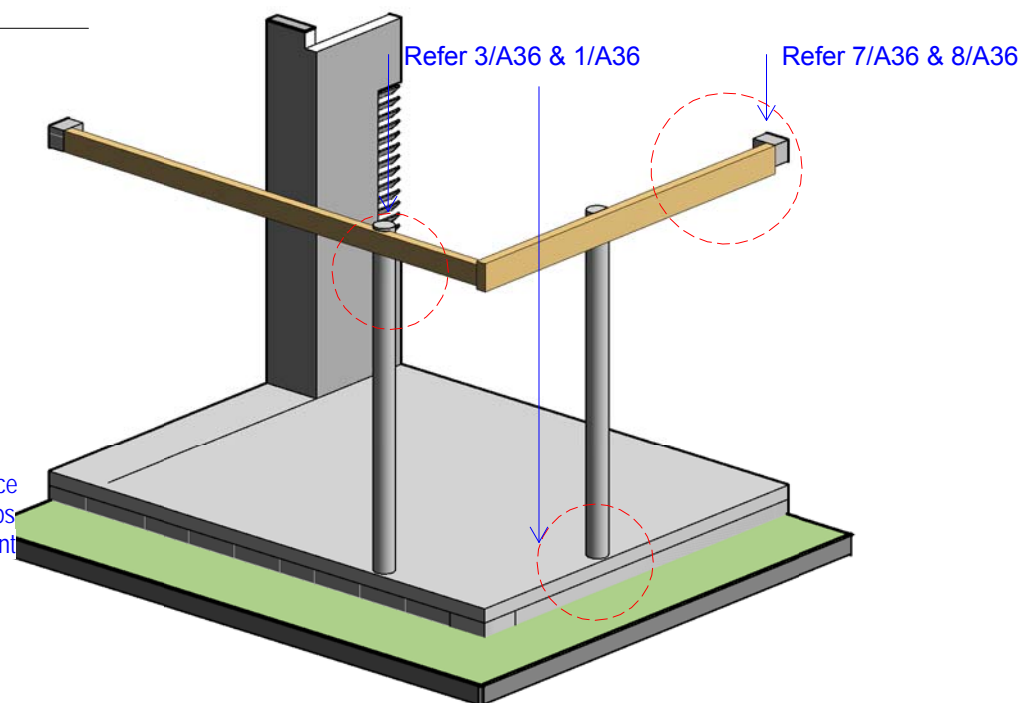
4 Detail - WALL BINDING DETAILS

Scale: 1 : 20



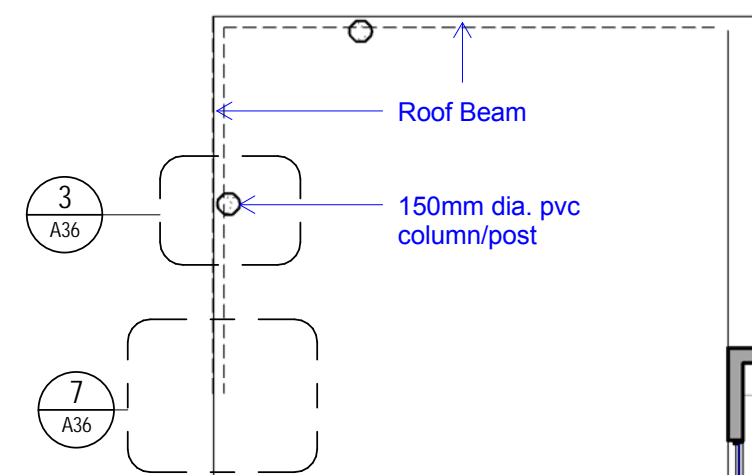
1 TOP POST CONNECTION

Scale: 1 : 20



5 WAITING AREA 3D

Scale:

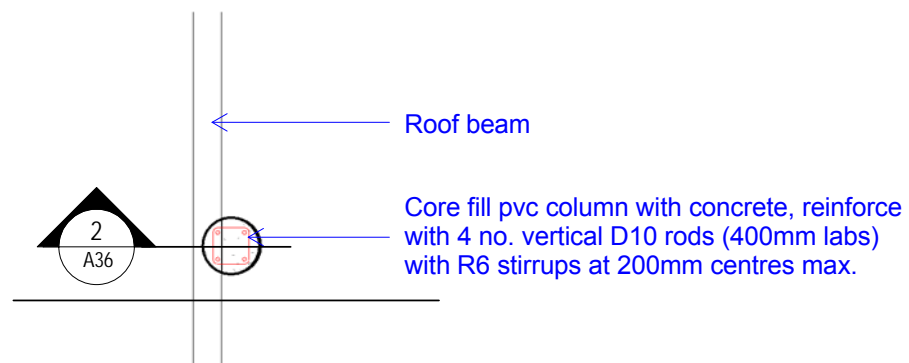


6 WAITING AREA

Scale: 1 : 50

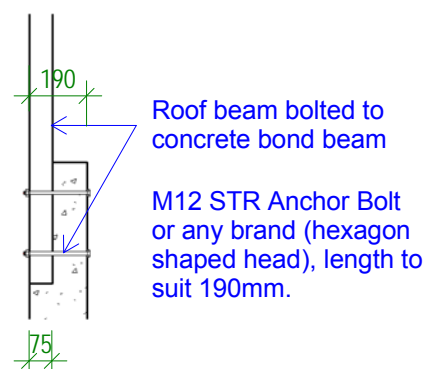
2 BOTTOM POST CONNECTION

Scale: 1 : 20



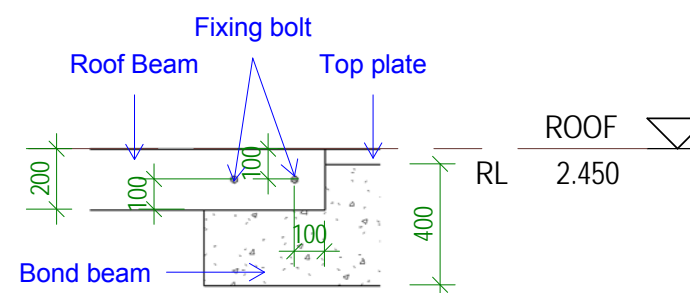
3 POST & BEAM PLAN

Scale: 1 : 20



7 Detail 1 - PLAN

Scale: 1 : 25



8 Detail 2 - ELEVATION

Scale: 1 : 25

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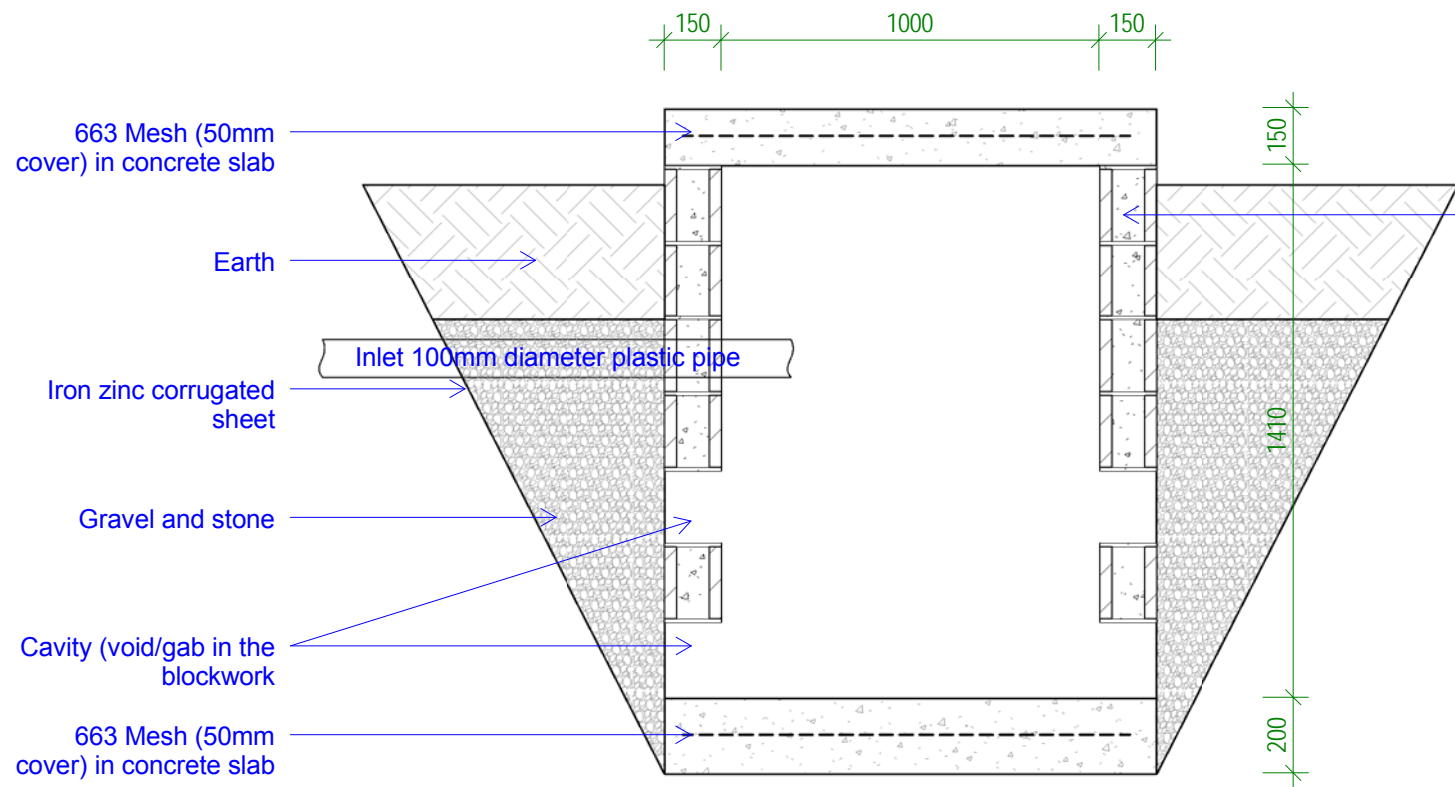
DETAILS 02 - STRUCTURAL CONNECTION

DRAWN BY: TTeB
REVIEWED BY: TTeB
DATE: 05/05/2016
SCALE: As indicated

DRAWING NUMBER: ISSUE:

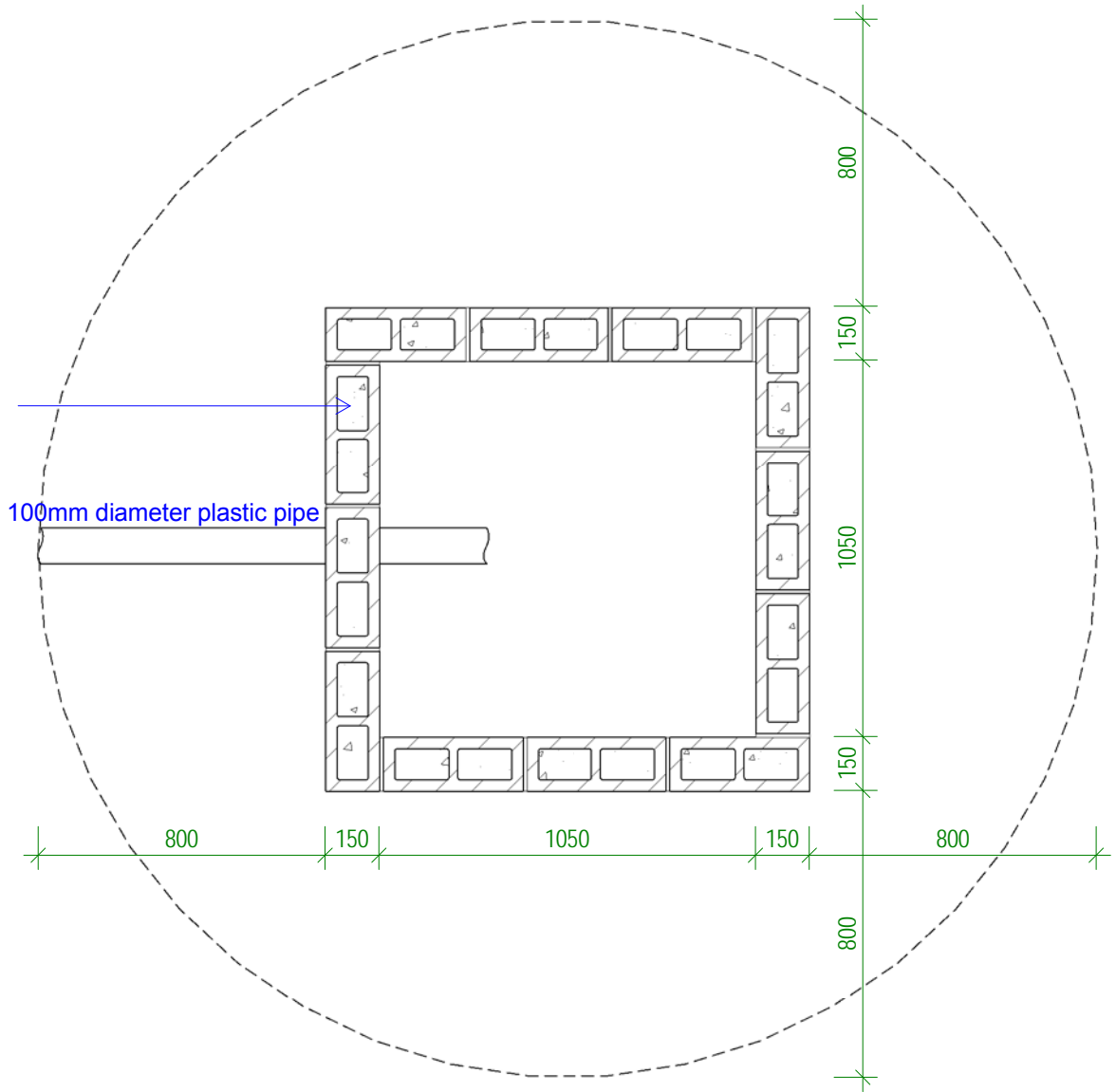
A36

1



Corefill block cavities, D10 vertical bars @ 800mm Ctrs. Avoid steel bars where there's void/gab in the blockwork.

Inlet 100mm diameter plastic pipe



1

DETAIL - SOAKWAY PIT

Scale: 1 : 20

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CLIENT: MHMS
PROJECT NO: 031501

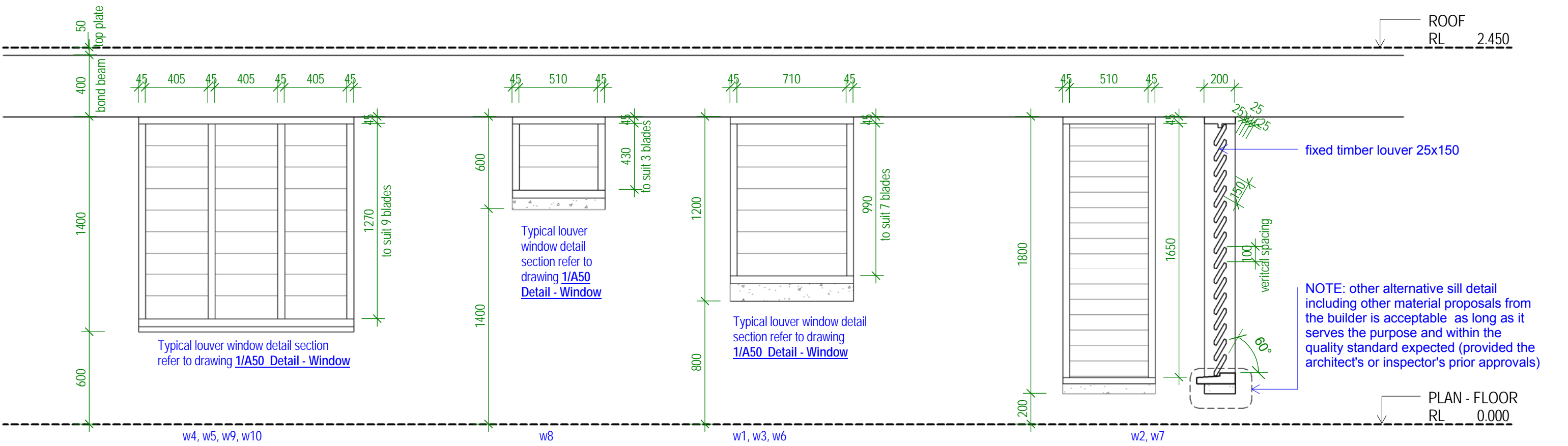
DWG TITLE:
DETAILS 03 - SOAKAWAY PIT

DRAWN BY: TTeB
REVIEWED BY: TTeB
DATE: 05/05/2016
SCALE: 1 : 20

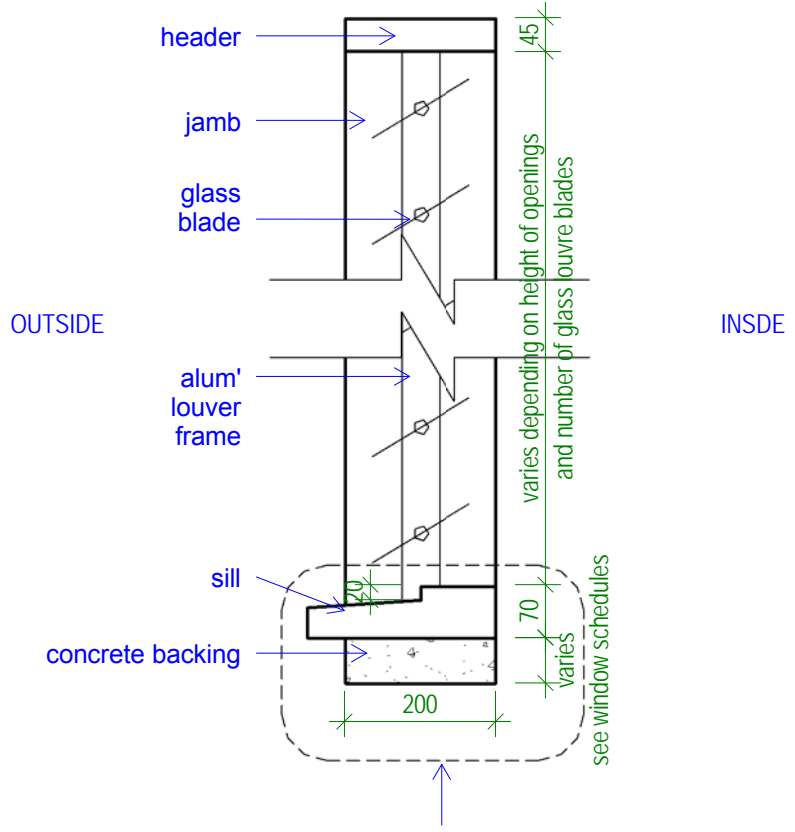
DRAWING NUMBER: ISSUE:

A37

1



WINDOW SCHEDULE
scale 1:25



NOTE: other alternative sill detail including other material proposals from the builder is acceptable as long as it serves the purpose and within the quality standard expected (provided the architect's or inspector's prior approvals)

1 Detail - Window
Scale: 1 : 10

TDS

TECHNICAL DESIGN SECTION
MINISTRY OF PUBLIC WORKS & UTILITIES
PO BOX 498
BETIO, TARAWA
REPUBLIC OF KIRIBATI
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PHONE: +686 26192

OUTER ISLAND HEALTH CENTER

CLIENT: MHMS
PROJECT NO: 031501

DWG TITLE:
SCHEDULE - WINDOW

DRAWN BY: TTeb
REVIEWED BY: TTeb
DATE: 20/04/2016
SCALE: As indicated

DRAWING NUMBER: ISSUE:

A50

1

8/23/2017 12:13:38 AM
R:\1.2 Current Projects\031501 MHMS - Clinic Outer Island\09 Drawings\0901 Revit\Option 1031501 - MHMS Buda Clinic Option 120517.rvt