

1

3D View

Scale:

project
TANAEA MWANEABA

client
MFMRD

architect
**MISE ARCHITECTURAL SERVICES
UNIT**

DRAWING LIST

00	COVER SHEET
A01	SITE PLAN
A02	FLOOR LAYOUT
A03	FOUNDATION
A04	ROOF FRAMING
A05	SERVICES SCHEMATIC PLAN
A20	ELEVATIONS
A50	SECTION A
A51	SECTION B & DETAILS
A52	WEBS & GUSSETS SCHEDULE CONS.SPECS

TDS

TECHNICAL DESIGN SECTION
MINISTRY OF INFRASTRUCTURE & SUSTAINABLE
ENERGY
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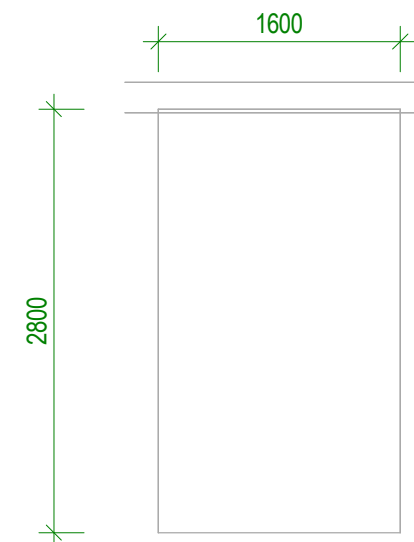
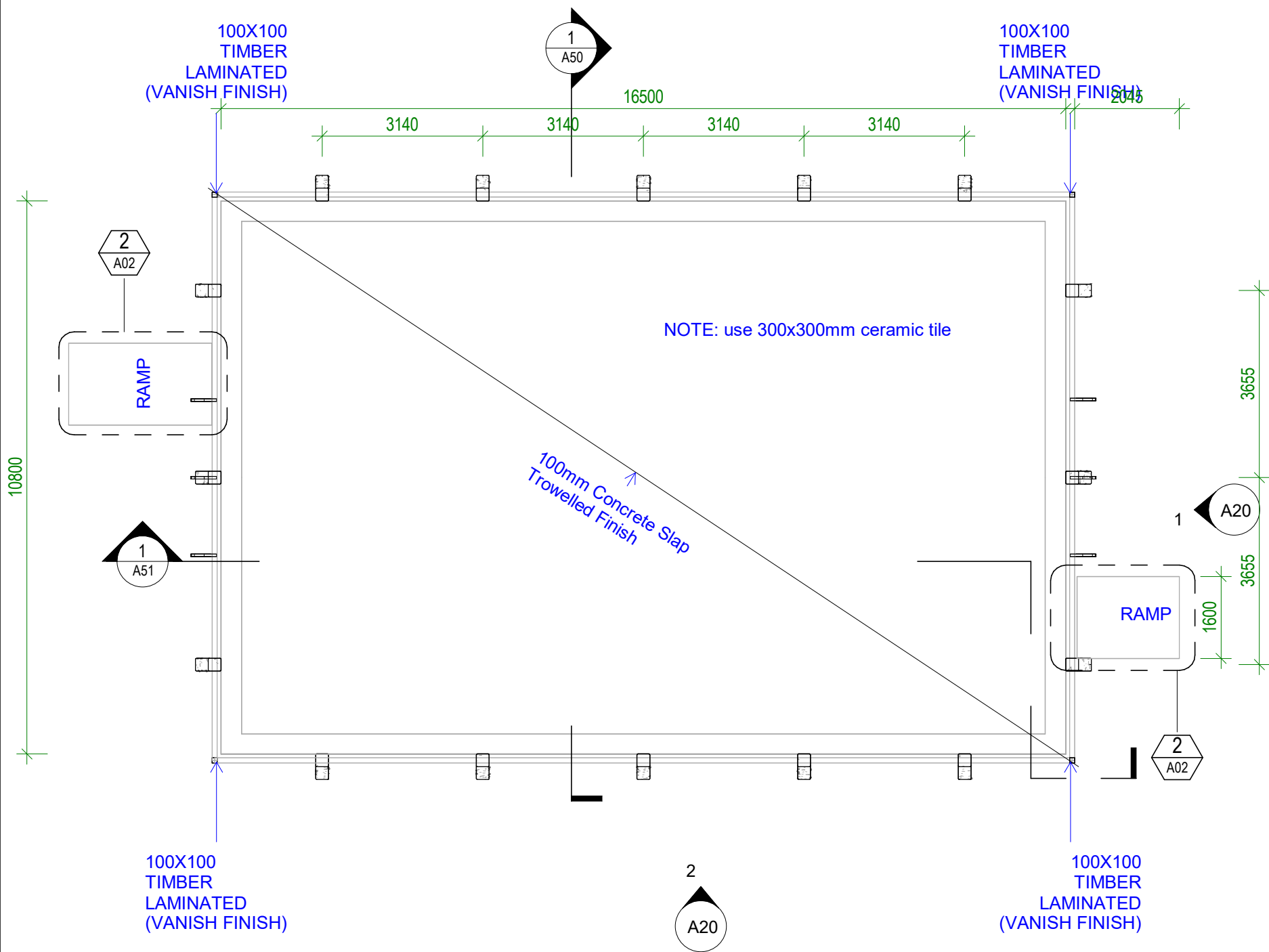
CLIENT: MFMRD
PROJECT NO: 111903

DWG TITLE:
COVER SHEET

DRAWN BY: MTEIWAKI
REVIEWED BY: J.T
DATE: 18/04/24
SCALE:

DRAWING NUMBER: ISSUE:
00 1





2 Plan - Ramp
Scale: 1 : 50

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DWG TITLE:

FLOOR LAYOUT

DRAWN BY: KB

REVIEWED BY: CF

DATE: 18/04/24

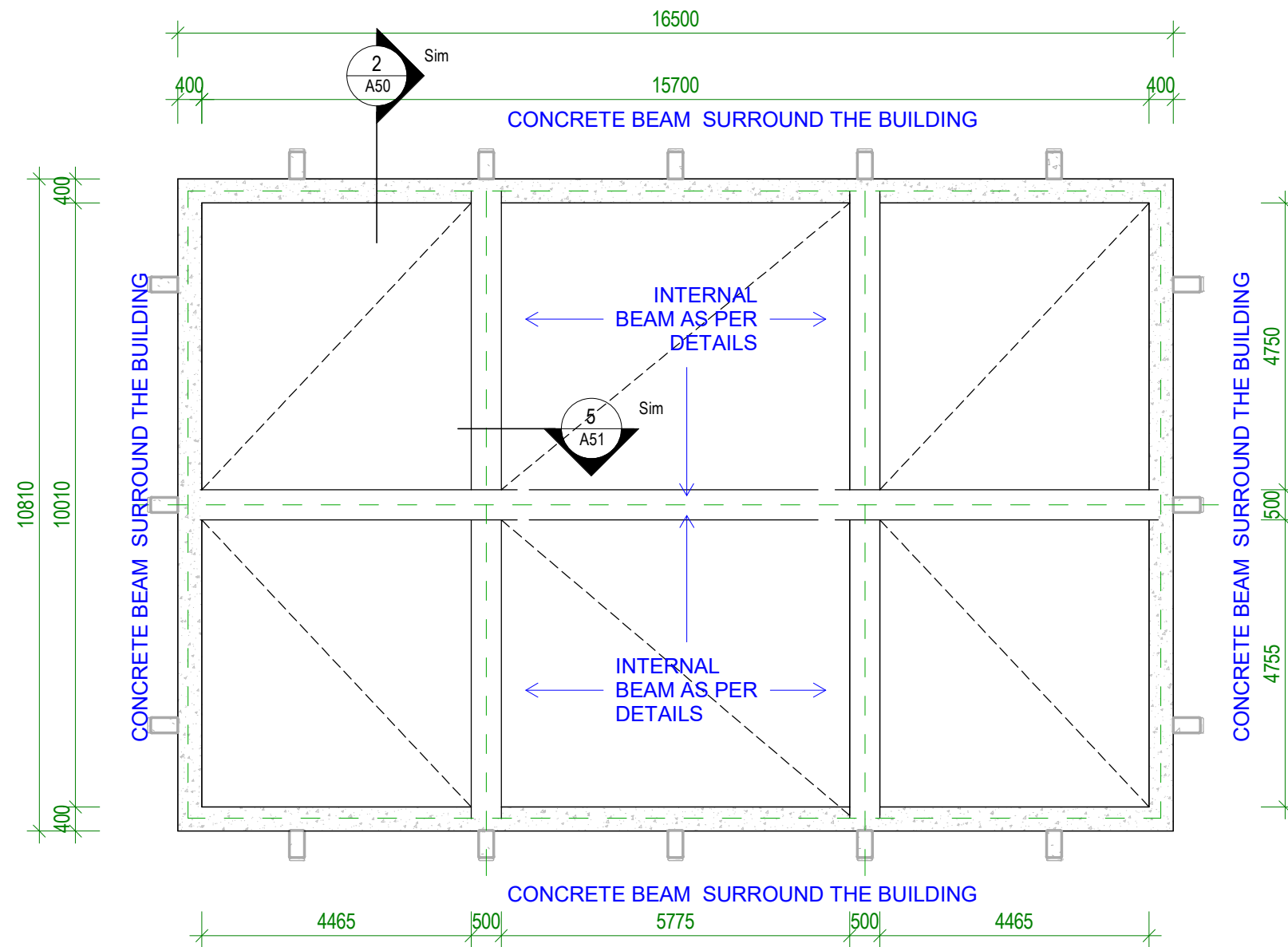
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DRAWING NUMBER: A02

ISSUE: 1

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1 0 SUBFLOOR

Scale: 1 : 100

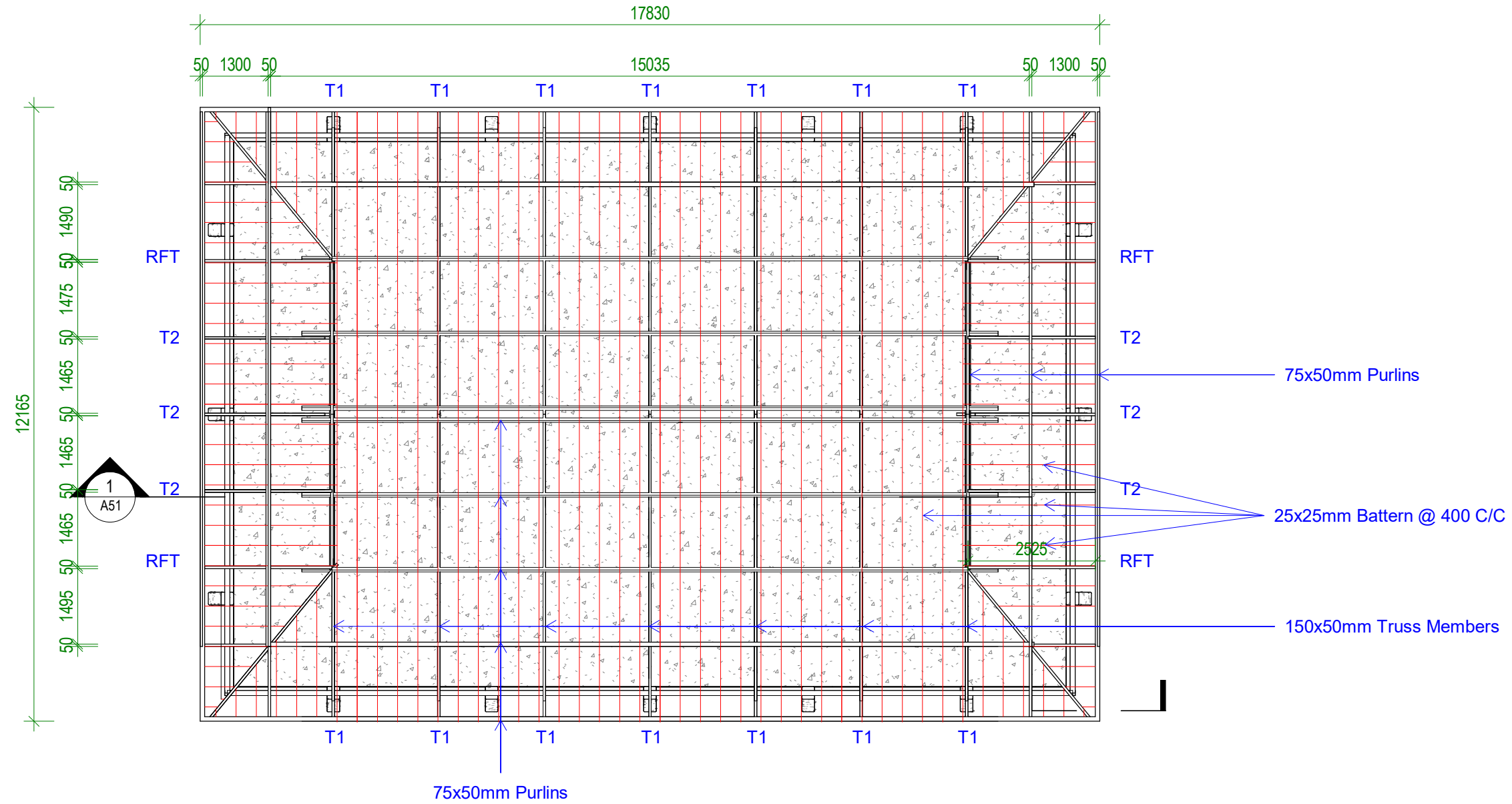
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DWG TITLE:
FOUNDATION

DRAWN BY: KB
REVIEWED BY: CF
DATE: 18/04/24
SCALE: 1 : 100

DRAWING NUMBER: ISSUE:
A03 1



LEGEND

RFT - RAFTER
T1 - TRUSS 1
T2 - TRUSS 2

1 Roof Framing
Scale: 1 : 100

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

DWG TITLE:
ROOF FRAMING

DRAWN BY: KB
REVIEWED BY: CF
DATE: 18/04/24
SCALE: 1 : 100

DRAWING NUMBER: ISSUE:
A04 1

ELECTRICAL NOTES AND SPECIFICATIONS

KEY / LEGEND

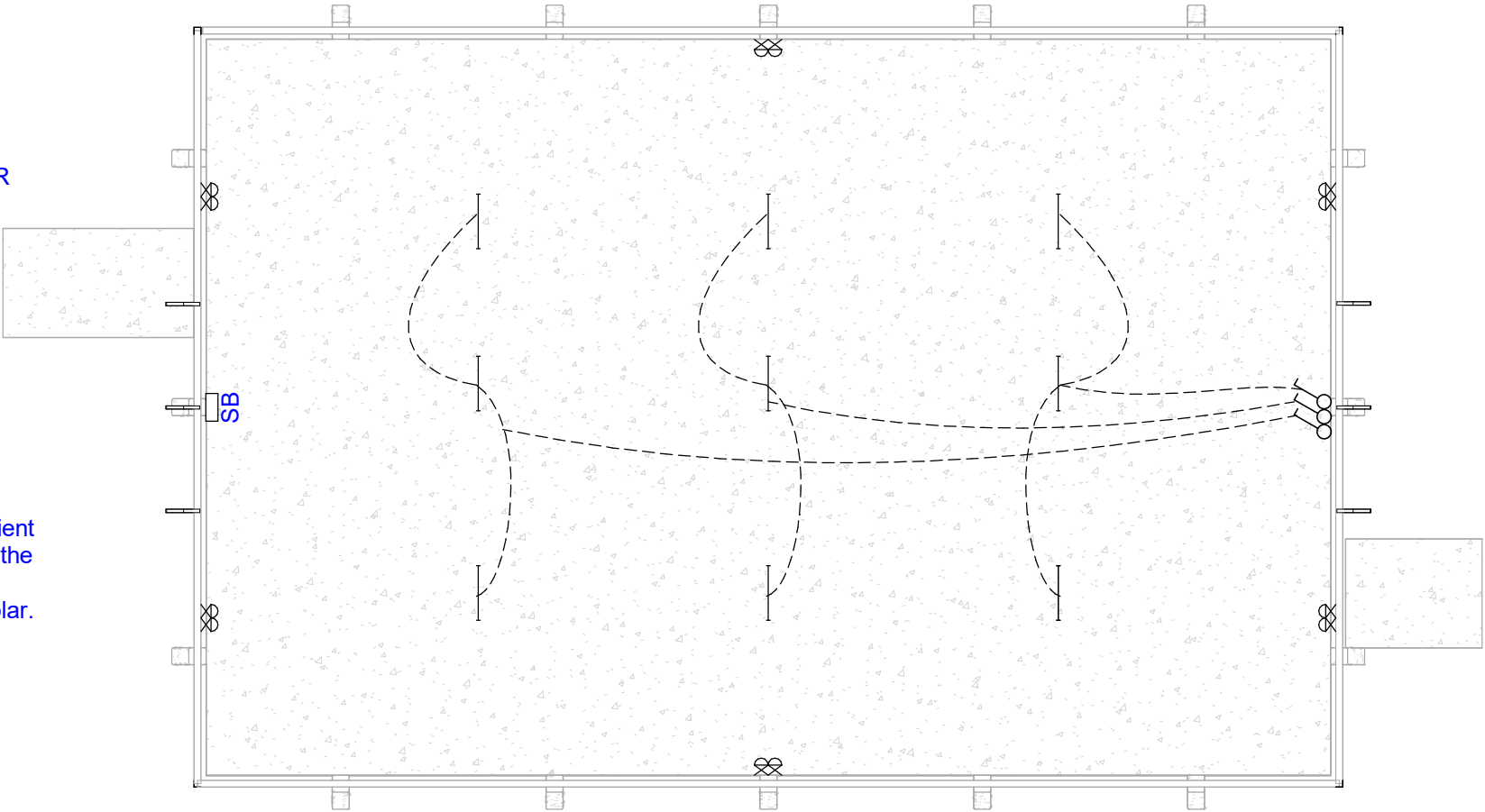
- DOUBLE POWER POINTS 200mm ABOVE FLOOR
- SINGLE LIGHT SWITCH
- FLUORESCENT LIGHT TUBE
- SWITCH BOARD

NOTE:
refer earthing location as indicated. use energy efficient appliances where applicable. main power fource for the household from the generator. alternative power for consideration includes renewable energy such as solar. for the latter, KSEC's and EPU's guidance shall be sought in design and installation.

CABLE WIRE SIZES SHOULD BE:

- 2.5 sqmm cables connection switchboard to gpos.
- 2.5 sqmm cables connecting switch board to switch points.
- 1.5 sqmm cables connecting switch points to lights and other ceiling/wall mounted appliances.

Apply conduit or other approved similar.



1 1 LEVEL - SERVICES
Scale: 1 : 100

IMPORTANT TO NOTE:

- Electrical Cables to be conduit and clipped
- Electrical / Plumbing schematic layouts, notes and specifications shall be checked by Qualified Electricians and Plumbers respectvels prior installation of the building services.

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DWG TITLE:

SERVICES SCHEMATIC PLAN

DRAWN BY: KB

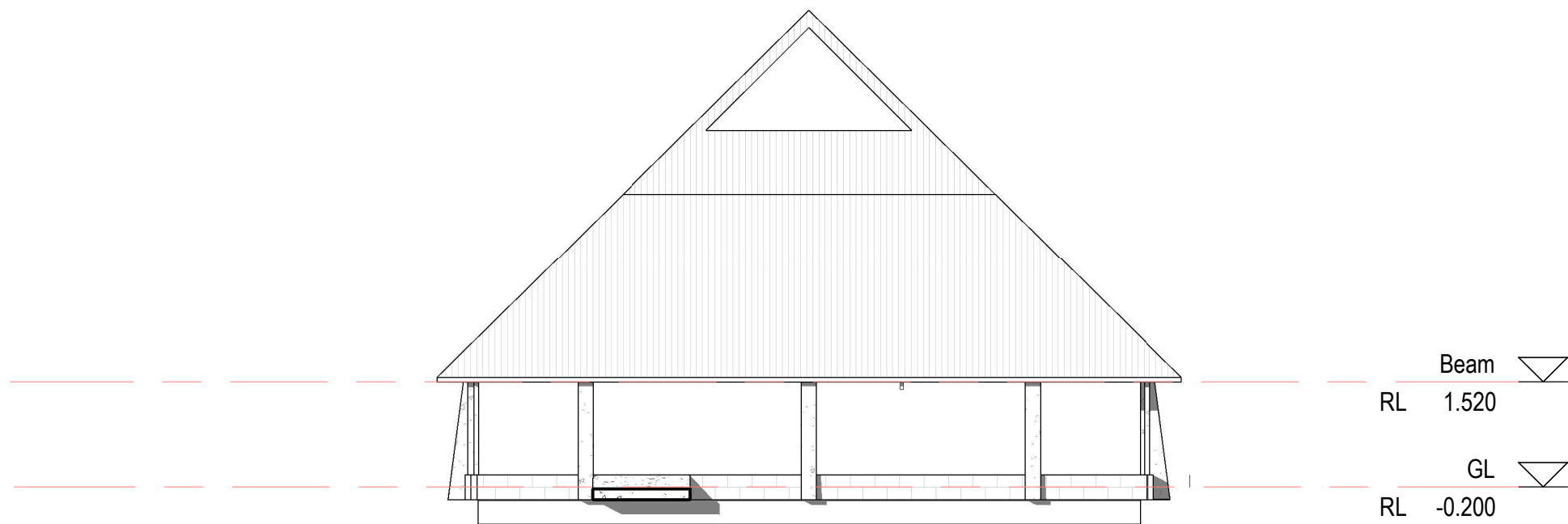
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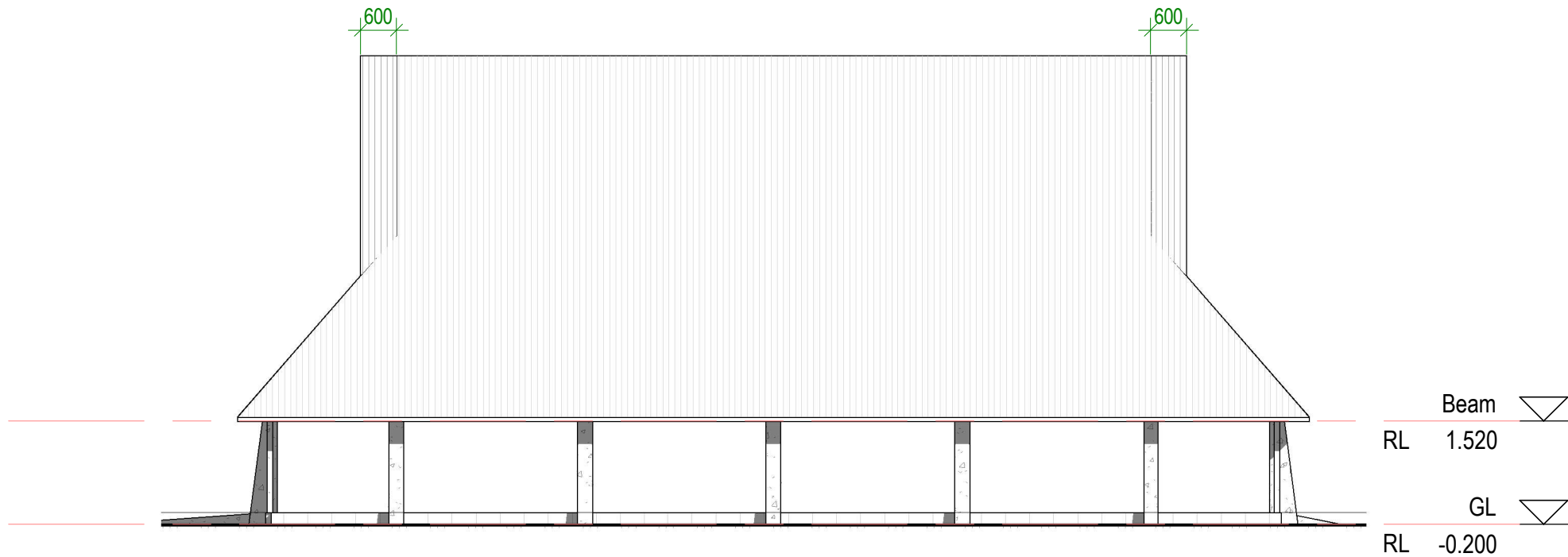
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1 ELEVATION 1
Scale: 1 : 100



2 ELEVATION 2
Scale: 1 : 100

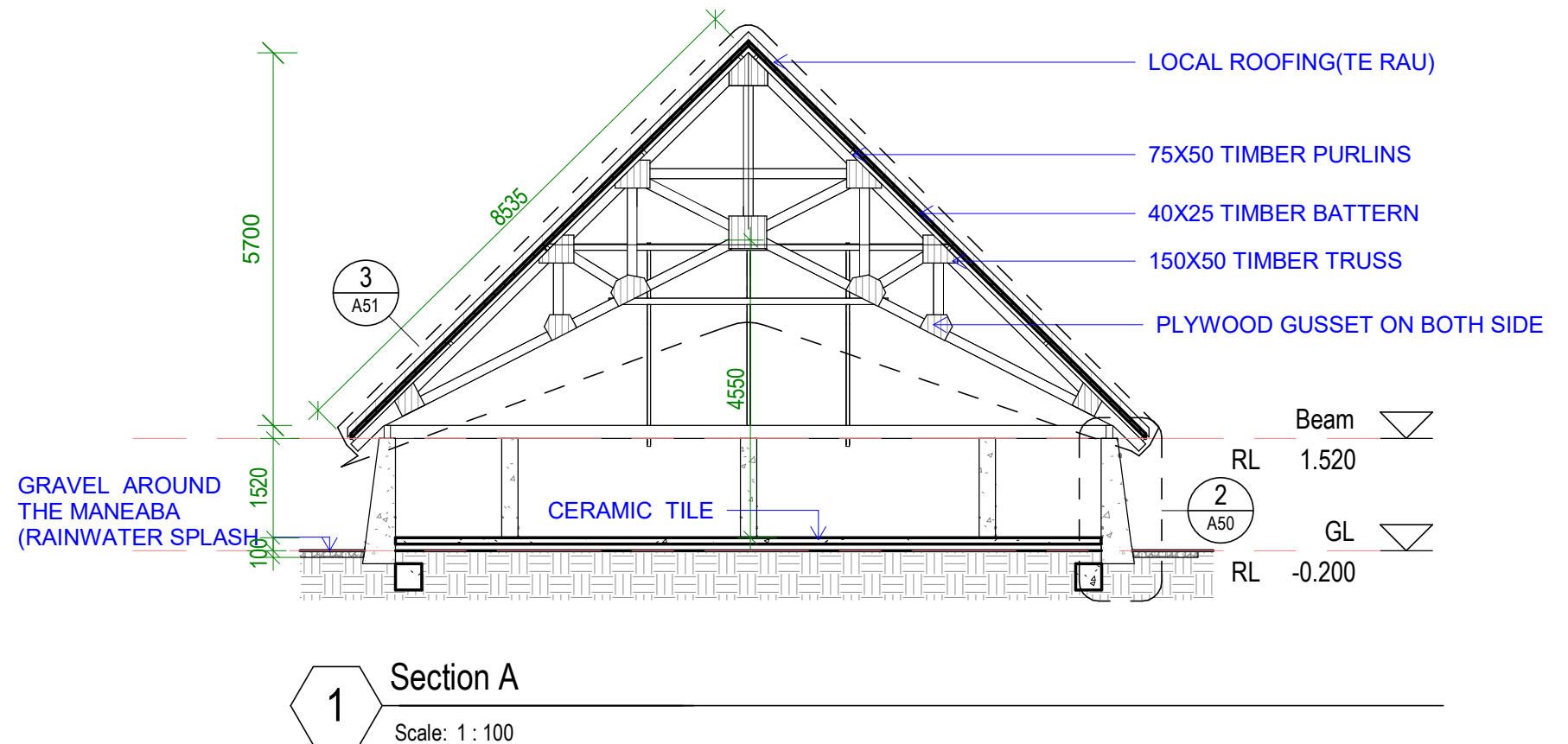
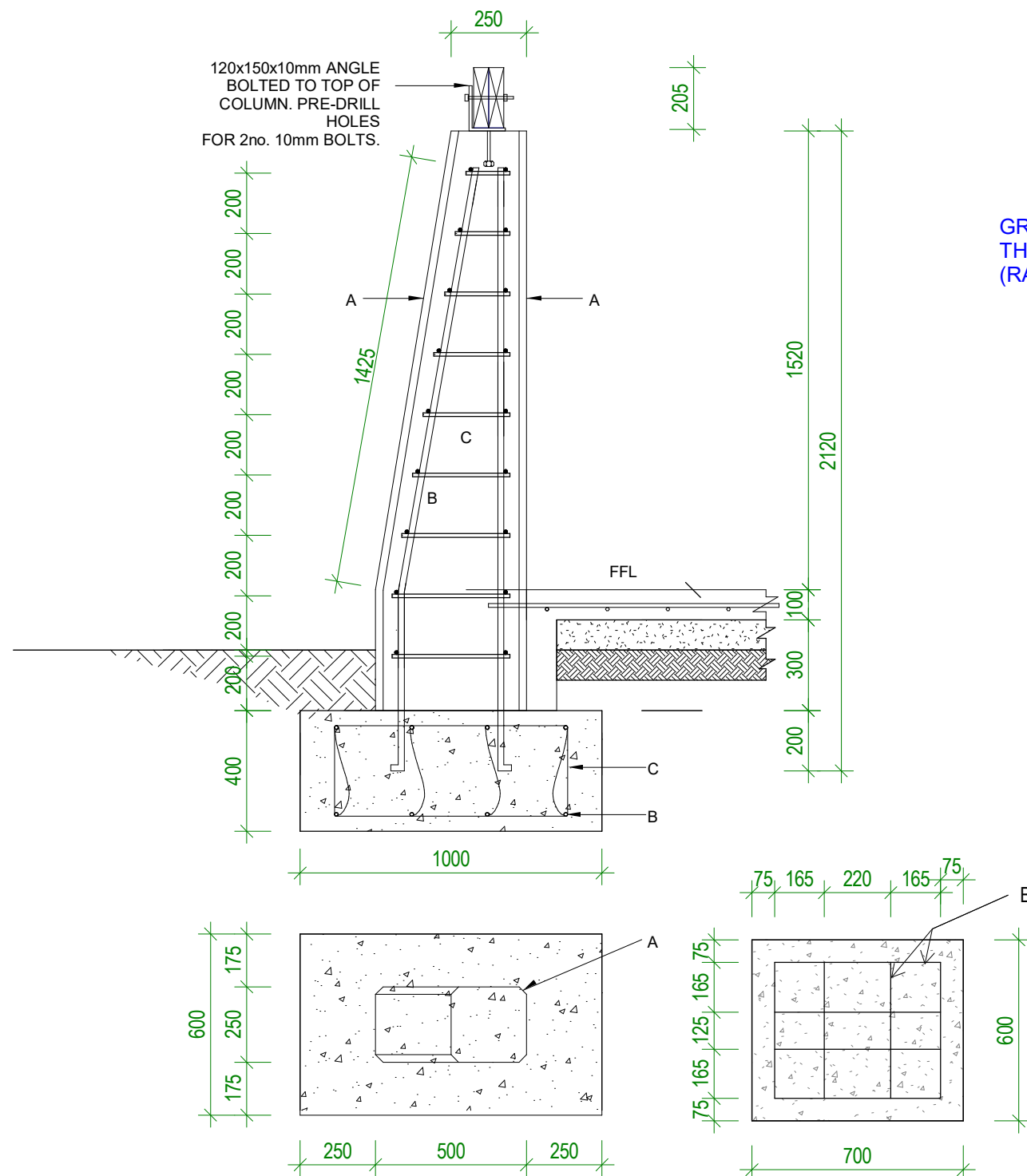
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DWG TITLE:
ELEVATIONS

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SCALE: 1 : 100

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A20 1



COLUMN SPECIFICATION

MIX RATIO
0.75:1:2:3
WATER:CEMENT:SAND:AGGREGATE (10mm)

USE RAINWATER AND FINE COURSE SAND (DO NOT TAKE SAND DIRECTLY FROM THE BEACH AS IT WILL BE TOO SALTY)

A 25mm ROUNDED CORNERS TO COLUMN

B D12 MAIN BAR

C R6 STIRRUPS @ 250MM C/C

TIE WIRE MUST BE NEW AND NOT RUSTING

MINIMUM 50mm COVER TO ALL REINFORCING

TIE COLUMN TO SLAB REINFORCING

2

Detail - Con.Column

Scale: 1 : 20

TDS

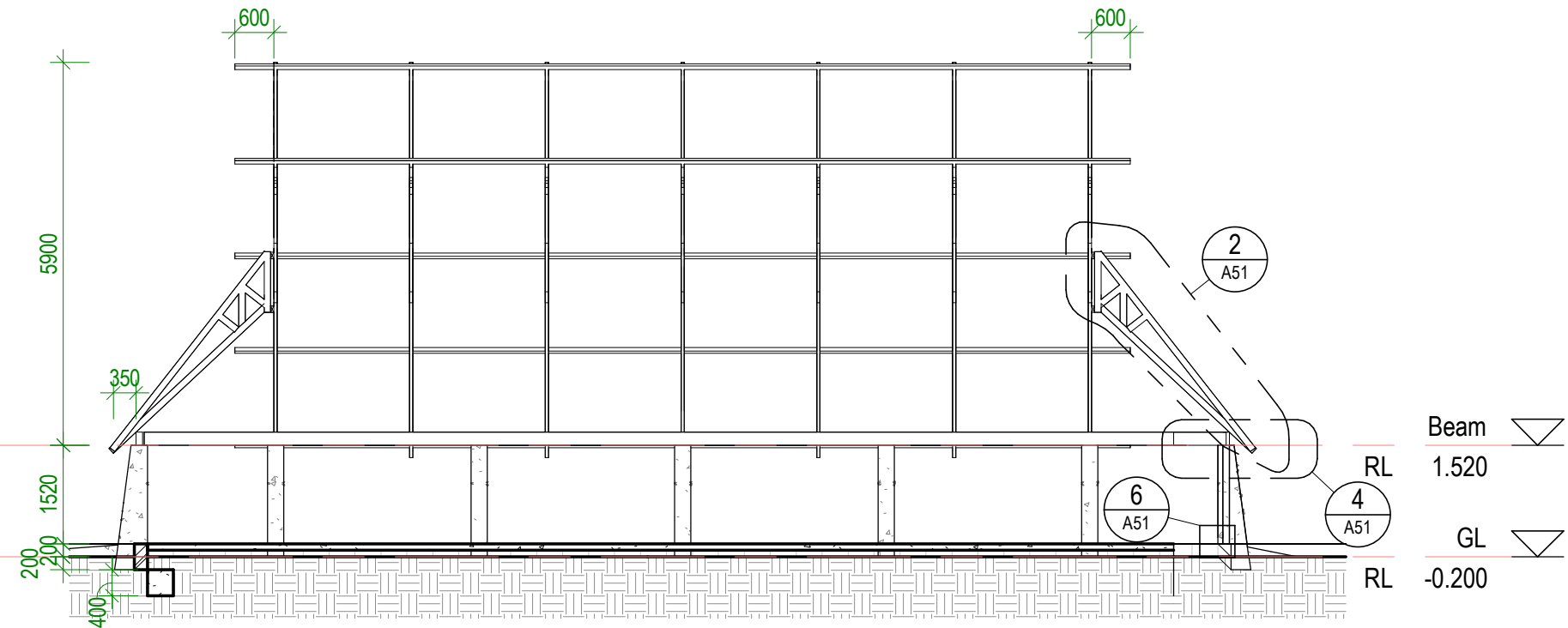
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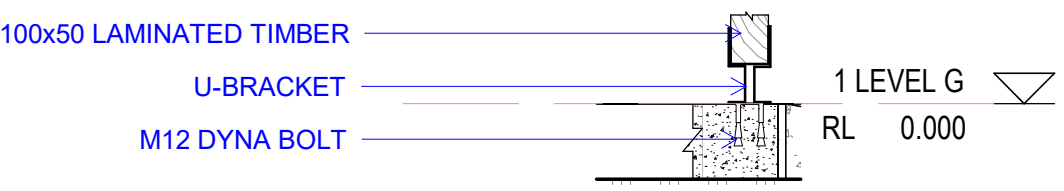
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SECTION A

DRAWN BY: KB
REVIEWED BY: CF
DATE: 18/04/24
SCALE: As indicated

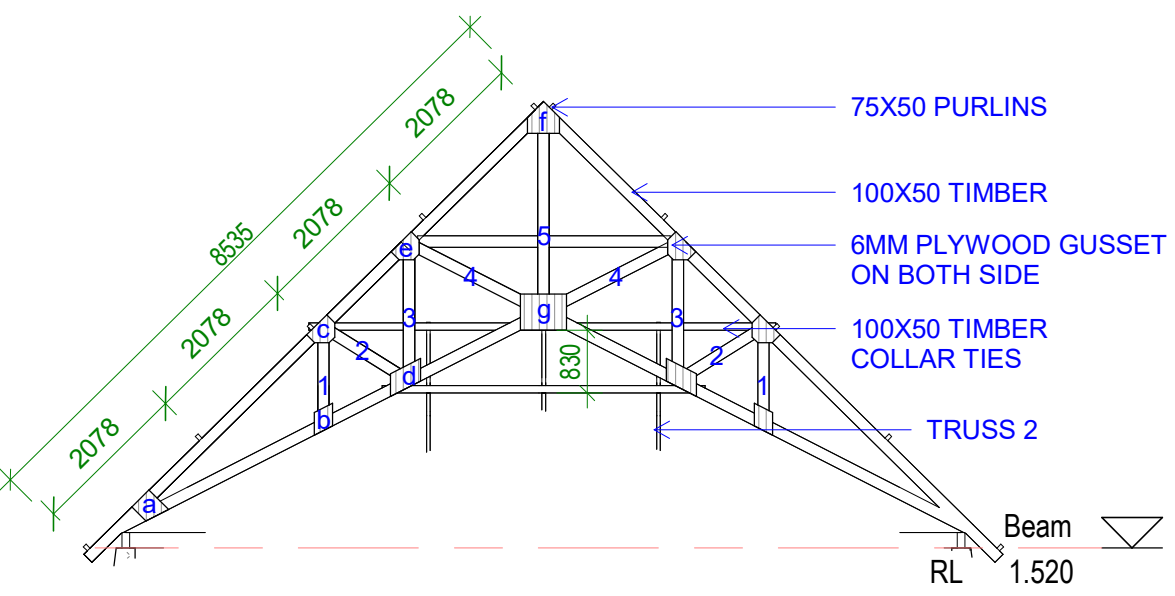
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A50 1



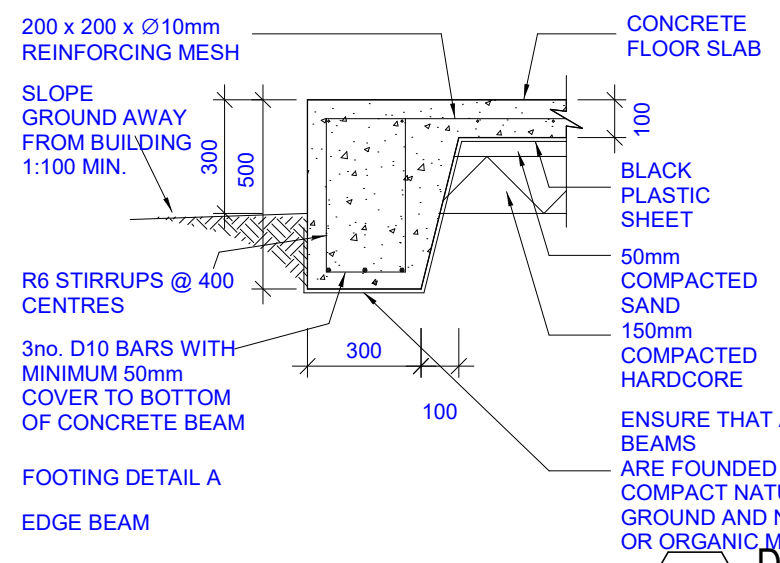
1 Section B
Scale: 1 : 100



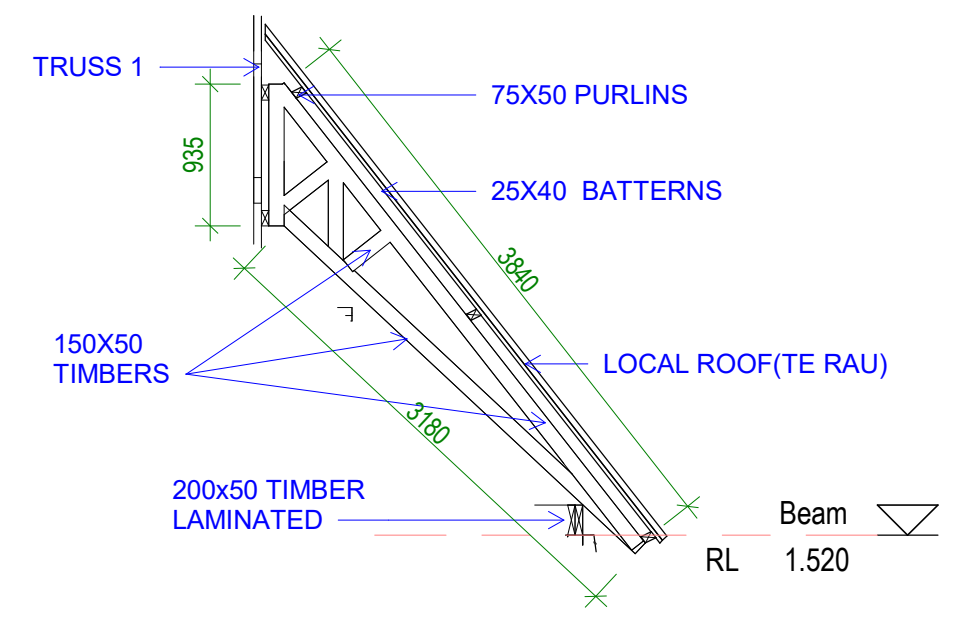
6 Post to Concrete
Scale: 1 : 20



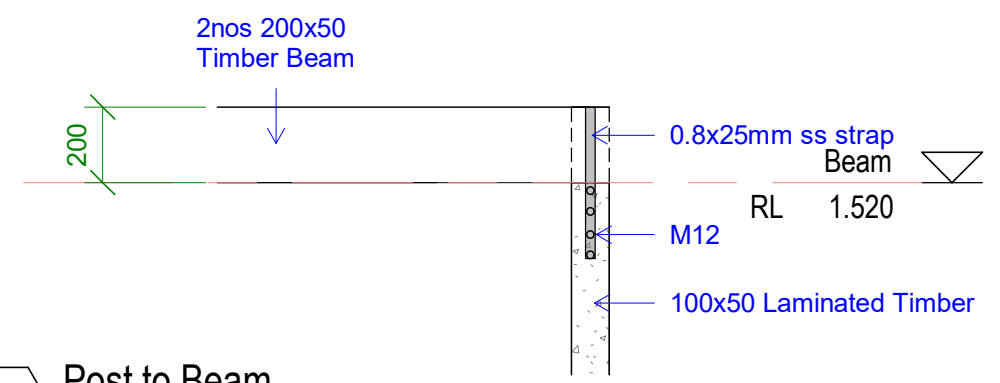
3 Detail - T1
Scale: 1 : 100



5 Detail - Footings
Scale: 1 : 20

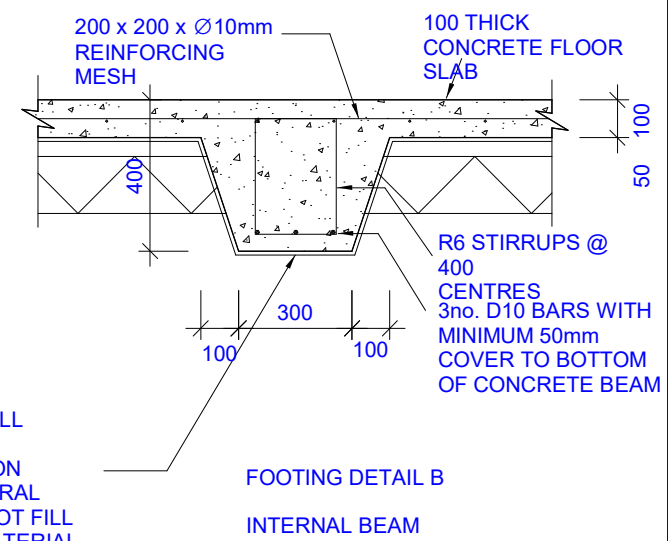


2 Detail - T2
Scale: 1 : 50



4 Post to Beam
Scale: 1 : 20

SOME MEMBER ARE NOT SHOWN FOR CLARITY



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DWG TITLE:
SECTION B & DETAILS

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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 DISCREPENCIES TO ARCHITECT FOR RESOLUTION.

ROOFING

LOCAL ROOFING SHEET - TE RAU(THATCH)

ROOF FRAMING

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

TIMBER TRUSSES AND RAFTERS

REFER TO SECTIONS AND DETAILS FOR TRUSSES/RAFTER DESIGN.

BE SURE TO INSTALL ALL BOTTOM CHORD TIES, ROOF BRACING AND TIES TO TOP PLATES.

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.

CHECK DETAILS FOR INSTALLATION OF REINFORCING.
BLOCKWORK LAYS BLOCKS WITH GROUT.

FLUSH JOINTED MORTAR (DO NOT TOOL JOINTS).

MORTAR MIX

1:3
CEMENT:SAND RATIO

GROUT MIX

1:1:2:4
WATER:CEMENT:SAND:AGGREGATE (10mm) RATIO

USE AT LEAST 300KG OF CEMENT PER CUBIC METRE OF CONCRETE.

CONCRETE MIX

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

REINFORCING

ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

INTERNAL FINISHES

CONC
CONCRETE FLOOR. TROWELLED FINISH

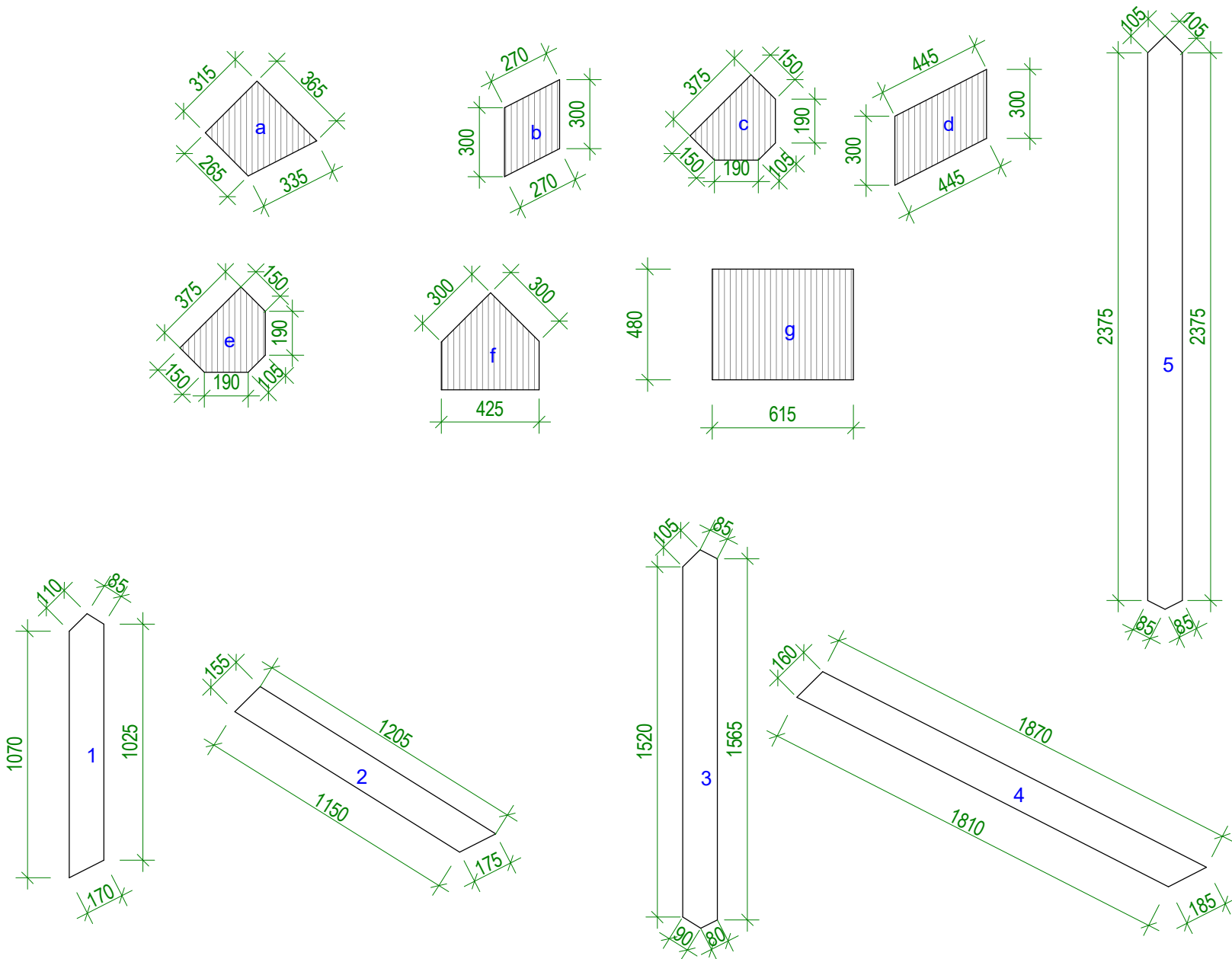
INTERNAL PAINTING

INTERNAL WALLS AND CEILINGS

1 COAT SEALER
2 COATS WASH AND WEAR LOW SHEEN
COLOUR: SELECTED WHITE

TRIMS (SKIRTINGS, ARCHITRAVES,)

1 COAT 1 STEP OIL BASED PRIMER SEALER UNDERCOAT
2 COATS OF SEMI-GLOSS ENAMEL
COLOUR: SELECTED WHITE



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DWG TITLE:
**WEBS & GUSSETS
SCHEDULE
CONS.SPECS**

DRAWN BY: KB
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