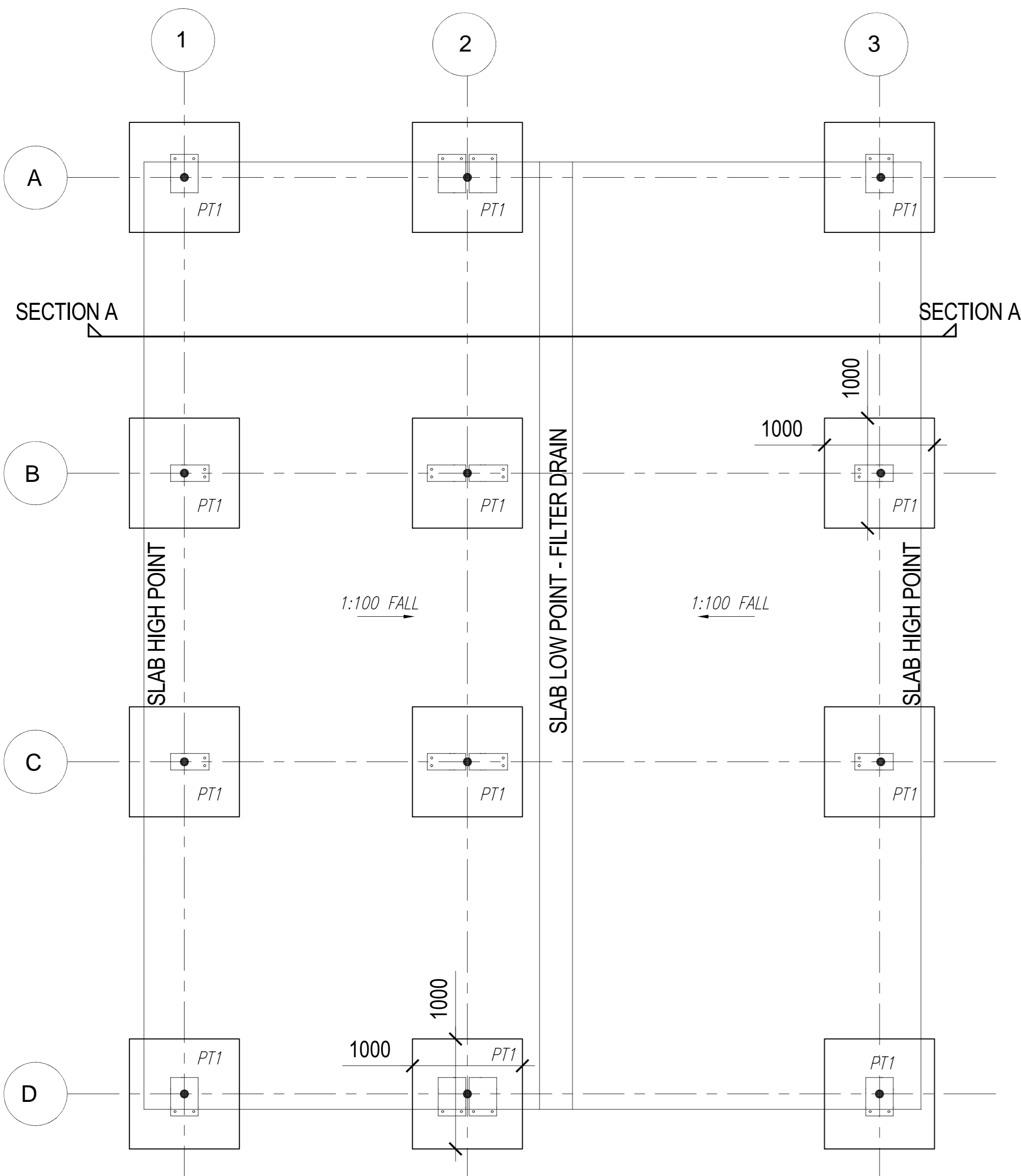


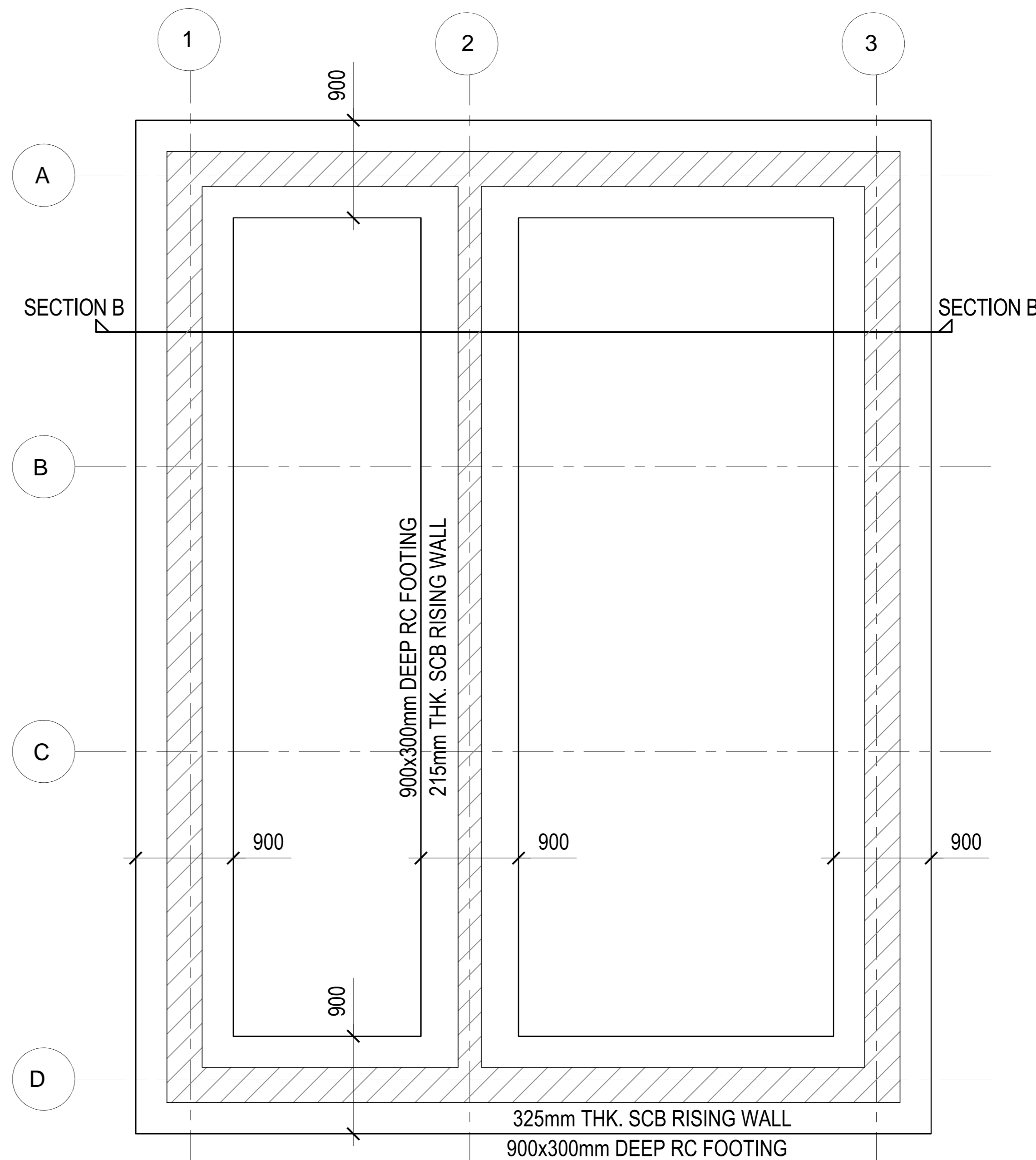
NOTES:

- NOTES FOR MODULAR CONSTRUCTION:
- FOUNDATION TO GRADE C20 / 25 MASS CONCRETE
 - REFER TO SITE LAYOUT FOR FORMATION LEVELS
 - SUB-FLOOR BUILD UP : 80mm MIN. LEAN-MIX C12 / 15 ON 1200 GAUGE VISQUEEN ON 25mm SAND BLINDING ON 100mm COMPACTED STONE.
 - A MINIMUM 25mm FALL IN SUB-FLOOR SURFACE TO DRAIN
 - SUB-FLOOR DRAIN : 100 DIA PERFORATED PIPEWORK LAID IN WASHED PEA GRAVEL FILLED TRENCH UNED WITH GEOTEXTILE MEMBRANE
 - NOTE: SUB-FLOOR EDGE CLOSURE AND VENTING OF SUB-FLOOR IN ACCORDANCE WITH ARCHITECTURAL DETAILS.

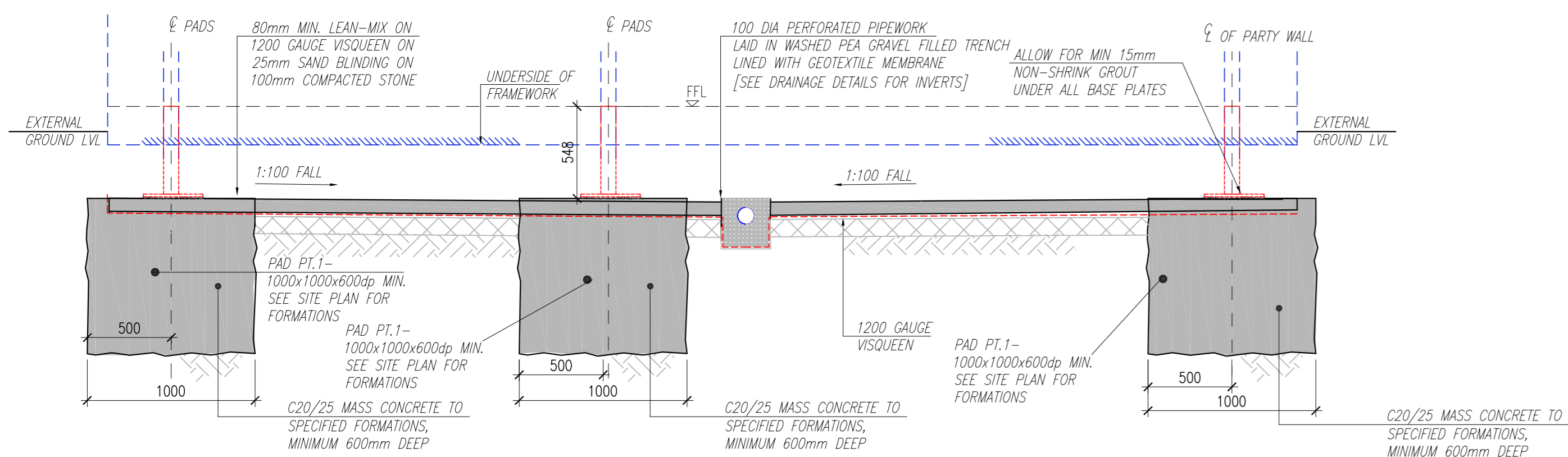
- NOTES FOR CONVENTIONAL CONSTRUCTION:
- TIMBER FRAME BY OTHERS.
 - TIMBER FRAME STRAPPING DOWN BY OTHERS.
 - MORTAR FILLET.
 - 100 x 140mm WIDE THERMAL BLOCK TO ARCHITECTS DETAILS UNLESS NOTED OTHERWISE AND M6 MORTAR - CLASS (ii).
 - INSULATION, MEMBRANES AND OR RADON BARRIER AND SUMP, FOR ALL THESE ITEMS REFER TO ARCHITECTS DRAWINGS OR SPECIFICATIONS. ALLOW OPES IN TOP OF INTERNAL RISING WALLS. REFER TO HOMEBOND MANUAL p278 FOR DETAILS.
 - GROUND FLOOR SLABS ON GRADE: CONCRETE GRADE C28/35 MIN. CEMENT CONTENT 280kg/m³ - MAXIMUM W.C. RATIO 0.60 - EXPOSURE CLASS X1, SLUMP S2-S3. REINFORCEMENT A142 MESH, MIN. LAP 400mm WITH 50mm TOP COVER - POWERFLOAT FINISH. CONCRETE CUBES TO BE TAKEN AND TESTED AS PER DBFL SPECIFICATION.
 - FIT FOR PURPOSE SAND BLINDING (DO NOT USE QUARRY SCREENINGS) ON GRANULAR MATERIAL IN ACCORDANCE WITH DBFL SPECIFICATION WITH REFERENCE DOCKETS STATING THAT STONE IS FOR USE UNDER GROUND FLOOR SLAB AND PAVED AREAS. STONE TO BE WELL COMPACTED IN LAYERS NOT EXCEEDING 150mm.
 - 325mm THK. RISING WALL, USE ONLY SOLID BLOCK GROUP 1, 7.5N STRENGTH (fm DRY) UNLESS NOTED OTHERWISE AND M6 MORTAR - CLASS (ii).
 - 215mm THK. RISING WALL, USE ONLY SOLID BLOCK GROUP 1, 7.5N STRENGTH (fm DRY) UNLESS NOTED OTHERWISE AND M6 MORTAR - CLASS (ii).
 - QUINNITE THERMAL BLOCKS, SIZE 440 x 215 x 100mm THICK.
 - 300mm DEEP RC STRIP FOOTING REINFORCED WITH 1 LAYER OF A393 MESH BOTTOM. 60mm COVER, MIN. LAPS 600mm. CONCRETE TO BE GRADE C30/37 WITH MIN. CEMENT CONTENT 280kg/m³ AND MAX. W.C. RATIO OF 0.6. EXPOSURE CLASS XC2, CONSISTENCY S2-S3.



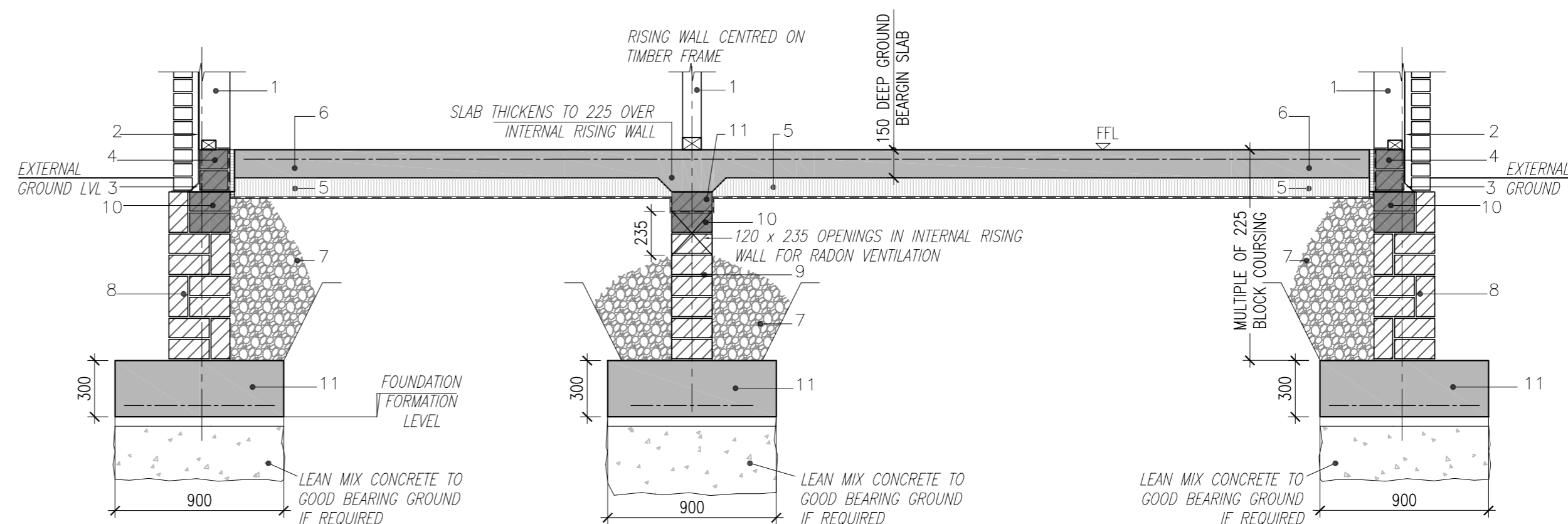
TYPICAL FOUNDATION PLAN FOR MODULAR CONSTRUCTION



TYPICAL FOUNDATION PLAN FOR CONVENTIONAL CONSTRUCTION



SECTION A - A TYPICAL BUILD UP



SECTION B - B TYPICAL BUILD UP

PO1	19-01-23	ISSUED FOR INFORMATION	CPH	CPH
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		

client approval	issue purpose
	INFORMATION

subtality	S2 - FOR INFORMATION
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Civil, Structural & Transportation Engineering
www.dbfl.ie

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project ref.

URMH-2STOREY

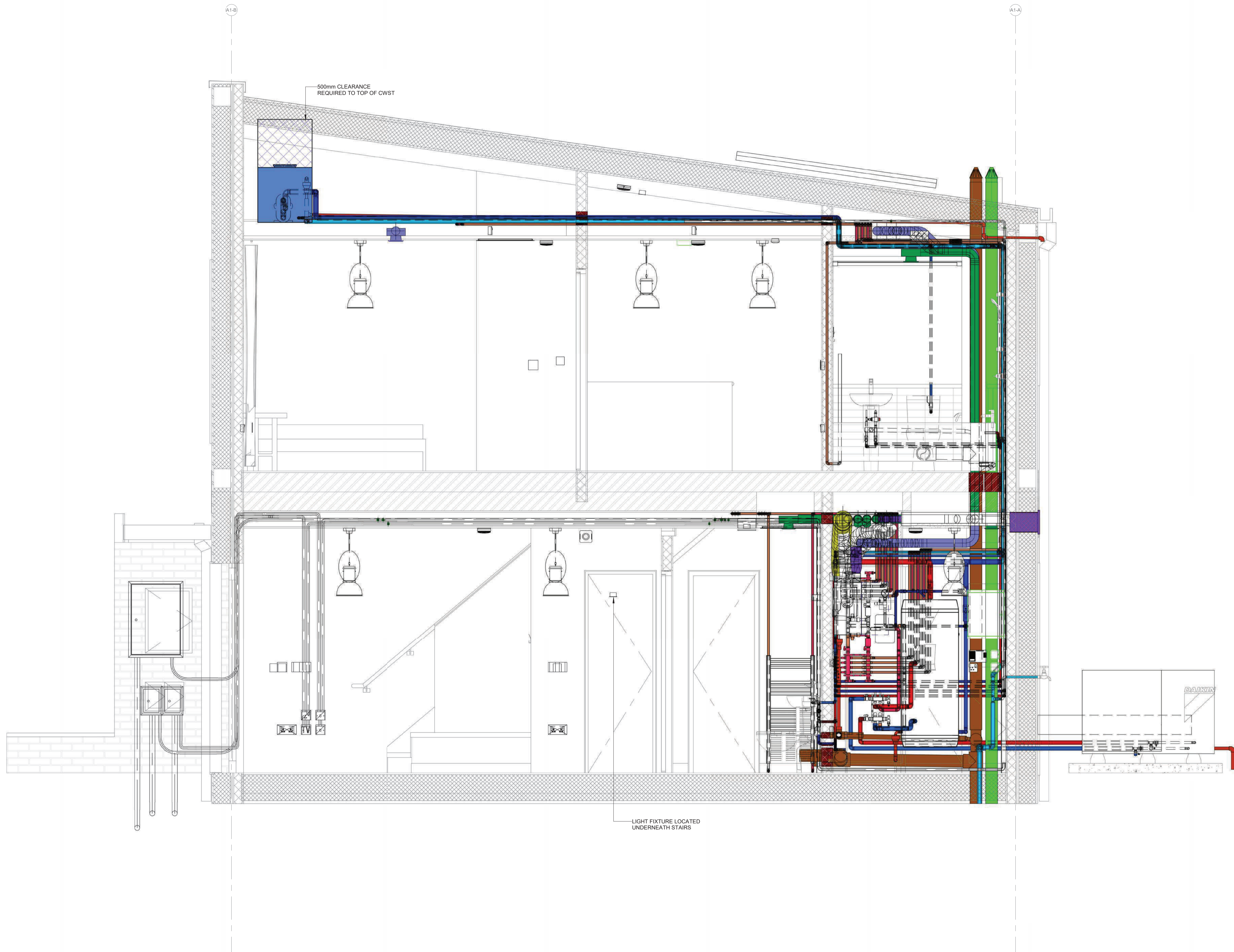
drawing title
FOUNDATION_COMPARISON

CLIENT

OPW

designed by	author	scale	sheet size
CPH	CPH	ASNOTED	A1

drawing no.	revision
URMH-DBFL-ZZ-XX-DR-S-1000	P01



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- HOT WATER PIPEWORK
- MAINS WATER PIPEWORK
- LTHW-FLOW PIPEWORK
- LTHW-RETURN PIPEWORK
- FC - FIRE COLLAR

DUCTING LEGEND:

- PVC SUPPLY AIR DUCT
- PVC EXTRACT AIR DUCT
- PVC FRESH AIR DUCT
- PVC EXHAUST AIR DUCT

P04	23.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P03	11.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P02	05.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P01	03.05.2023	ISSUED FOR TENDER	EMcl	CMcG
Rev	Date	Description	Orig	App

Client
JOHN SISK & SON

Project
**UKRAINIAN MODULAR HOUSING
TWO STOREY DWELLING**

Title
COORDINATED SECTION A

Drawing No
URMH-EDC-XX-ZZ-DR-Z-7101

RIBA Work Stage 4	Status Code D2	Revision P04
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Scale @ A1 As indicated	Model Manager EMcl	Project Manager CMcG
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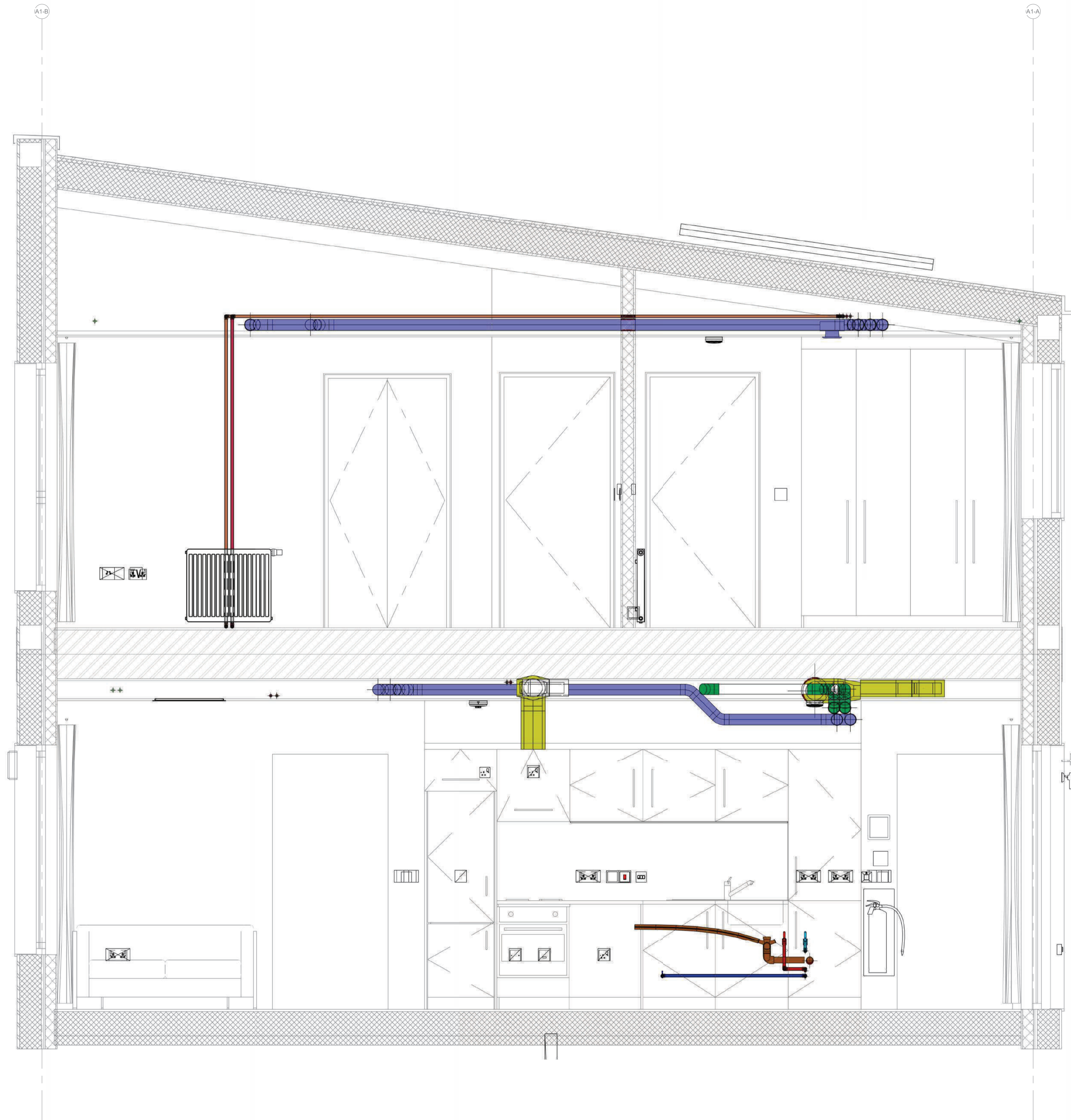
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1 COORDINATED SECTION A
1 : 20



1 COORDINATED SECTION B
1:20

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ACCESS STRATEGY TO BE AGREED BY ARCHITECT.

PIPEWORK LEGEND:

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- HOT WATER PIPEWORK
- MAINS WATER PIPEWORK
- LTHW-FLOW PIPEWORK
- LTHW-RETURN PIPEWORK
- FC - FIRE COLLAR

DUCTING LEGEND:

- █ PVC SUPPLY AIR DUCT
- █ PVC EXTRACT AIR DUCT
- █ PVC FRESH AIR DUCT
- █ PVC EXHAUST AIR DUCT

P04	23.05.2023	ISSUED FOR TENDER	EMcI	CMcG
P03	11.05.2023	ISSUED FOR TENDER	EMcI	CMcG
P02	05.05.2023	ISSUED FOR TENDER	EMcI	CMcG
P01	03.05.2023	ISSUED FOR TENDER	EMcI	CMcG
Rev	Date	Description	Orig	App

Client
JOHN SISK & SON

Project
**UKRAINIAN MODULAR HOUSING
TWO STOREY DWELLING**

Title
COORDINATED SECTION B

Drawing No
URMH-EDC-XX-ZZ-DR-Z-7102

RIBA Work Stage 4	Status Code D2	Revision P04
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Scale @ A1 As indicated	Model Manager EMcI	Project Manager CMcG
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Consulting Engineers**

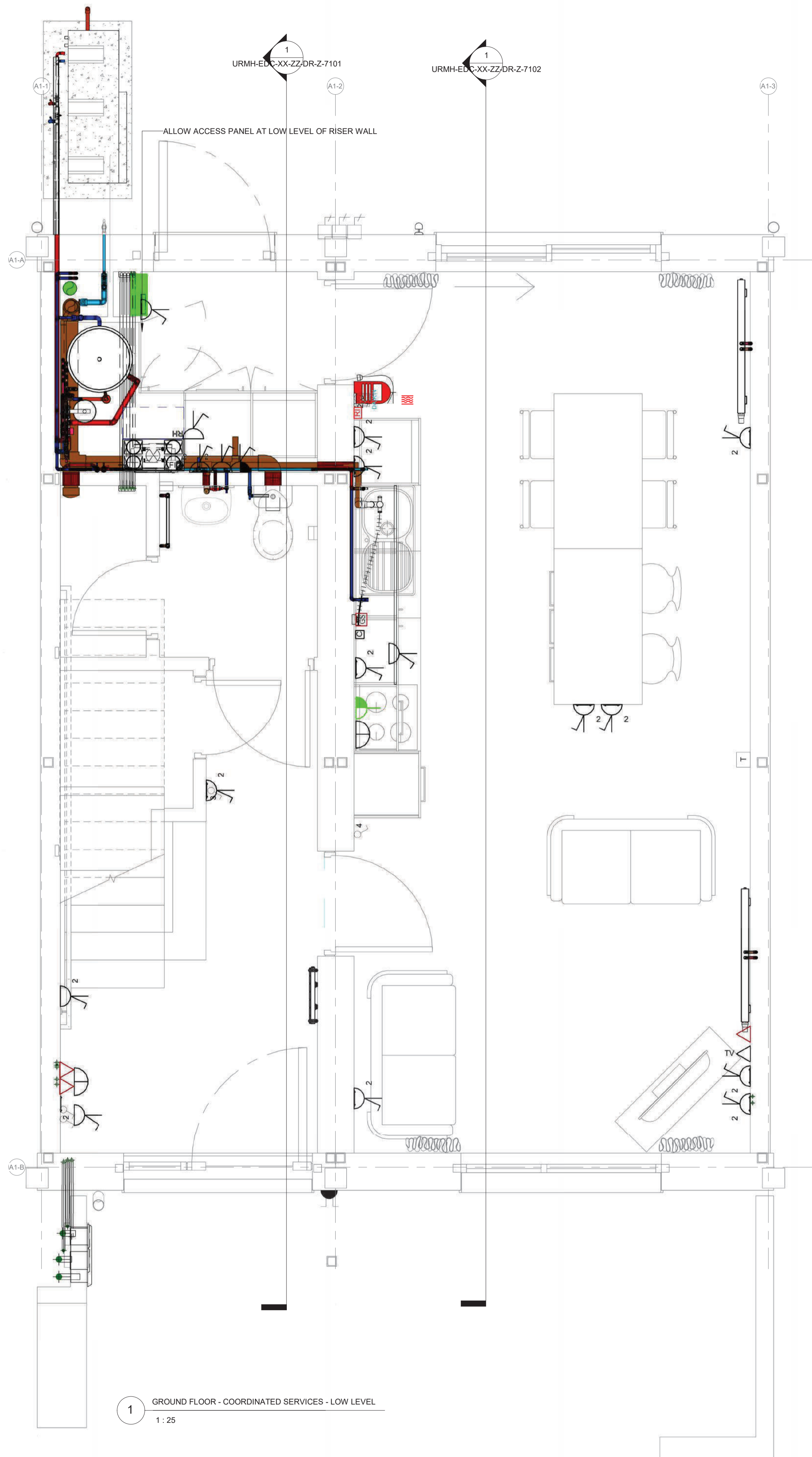
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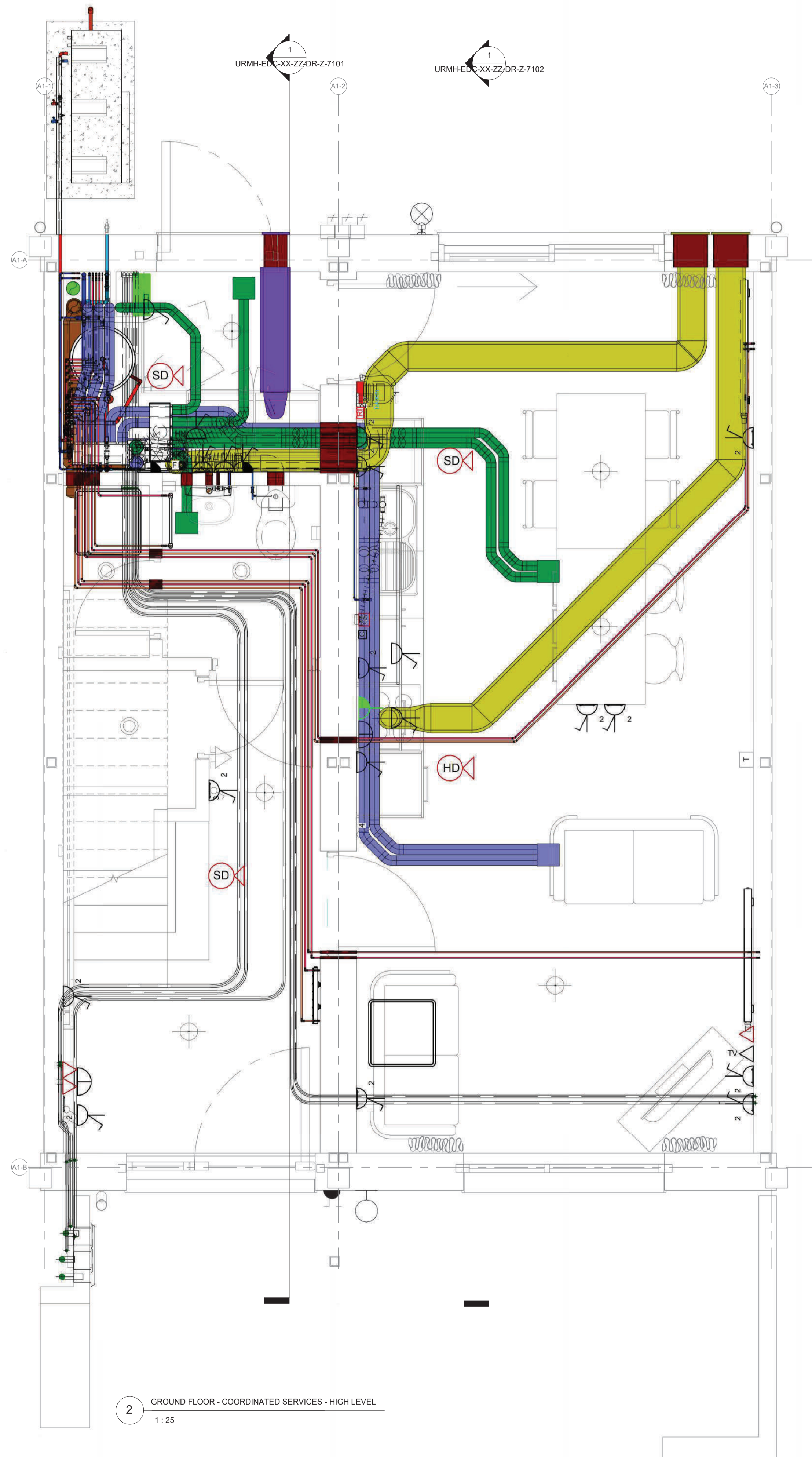
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1 GROUND FLOOR - COORDINATED SERVICES - LOW LEVEL
1 : 25



2 GROUND FLOOR - COORDINATED SERVICES - HIGH LEVEL
1 : 25

NOTES:

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- LTHW-RETURN PIPEWORK
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DUCTING LEGEND:

- PVC SUPPLY AIR DUCT
- PVC EXTRACT AIR DUCT
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P04	23.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P03	11.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P02	05.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P01	03.05.2023	ISSUED FOR TENDER	EMcl	CMcG
Rev	Date	Description	Orig	App

Client
JOHN SISK & SON

Project
**UKRAINIAN MODULAR HOUSING
TWO STOREY DWELLING**

Title
**GROUND FLOOR - COORDINATED
SERVICES LAYOUT**

Drawing No
URMH-EDC-XX-00-DR-Z-7002

RIBA Work Stage 4	Status Code D2	Revision P04
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Scale @ A1 As indicated	Model Manager EMcl	Project Manager CMcG
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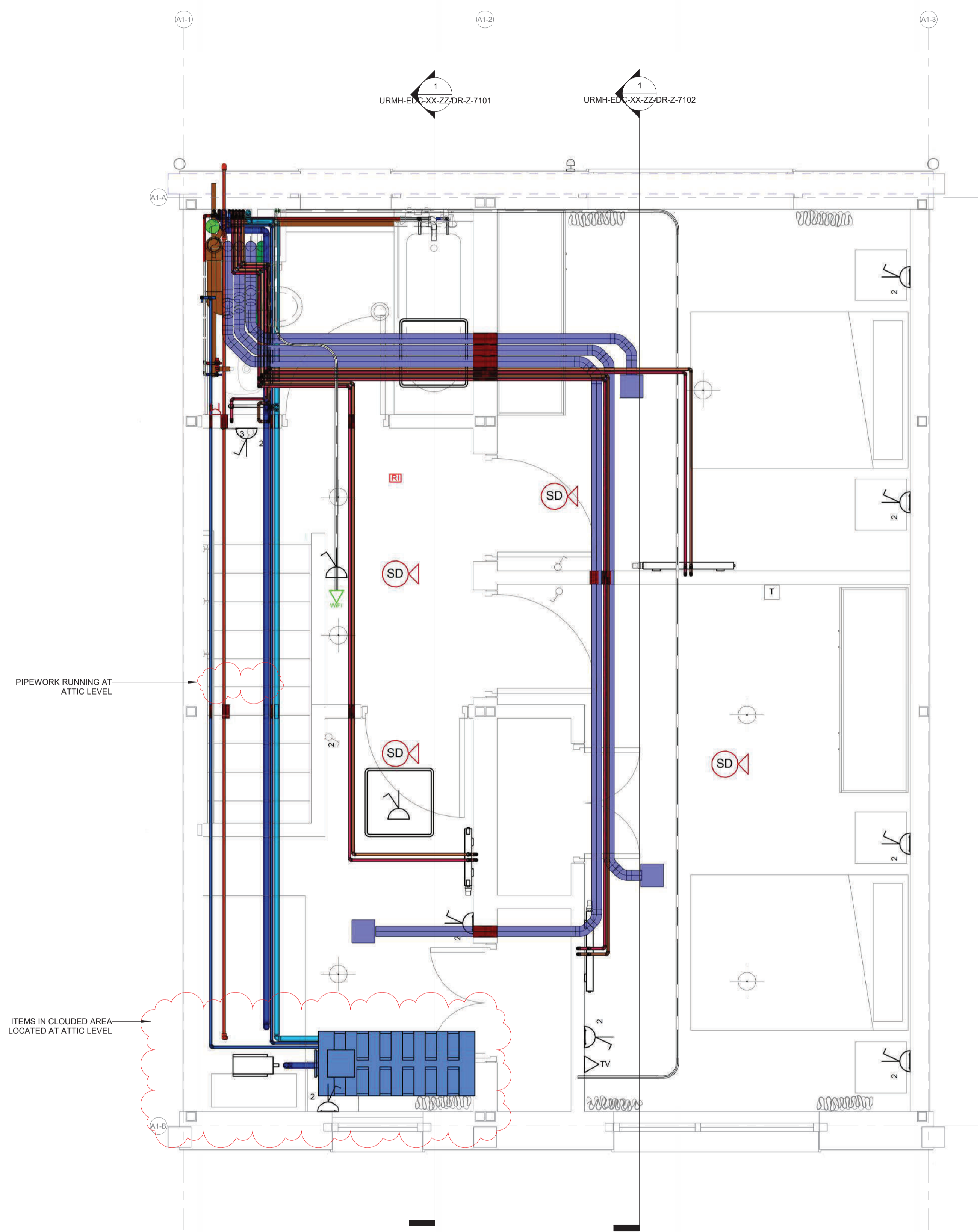
ACCESS STRATEGY TO BE AGREED BY ARCHITECT.

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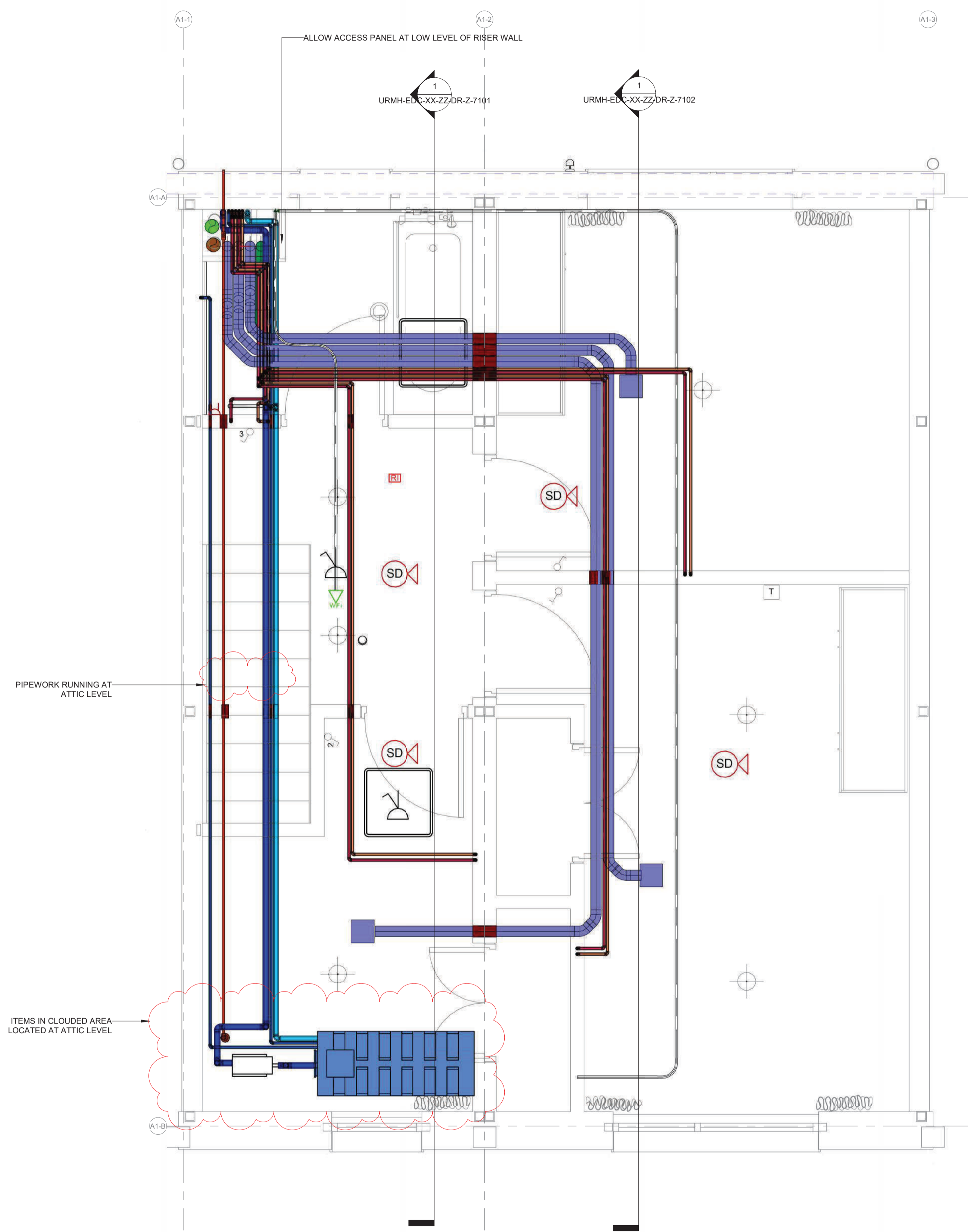
- SOIL WASTE PIPEWORK
- CONDENSATE PIPEWORK
- BOOSTED COLD WATER PIPEWORK
- HOT WATER PIPEWORK
- MAINS WATER PIPEWORK
- LTHW-FLOW PIPEWORK
- LTHW-RETURN PIPEWORK
- FC - FIRE COLLAR

DUCTING LEGEND:

- PVC SUPPLY AIR DUCT
- PVC EXTRACT AIR DUCT
- PVC FRESH AIR DUCT
- PVC EXHAUST AIR DUCT



1 FIRST FLOOR - COORDINATED SERVICES - LOW LEVEL
1 : 25



2 FIRST FLOOR - COORDINATED SERVICES - HIGH LEVEL
1 : 25

Rev	Date	Description	Orig	App
P04	23.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P03	11.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P02	05.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P01	03.05.2023	ISSUED FOR TENDER	EMcl	CMcG

Client
JOHN SISK & SON

Project
**UKRAINIAN MODULAR HOUSING
TWO STOREY DWELLING**

Title
**FIRST FLOOR - COORDINATED
SERVICES LAYOUT**

Drawing No
URMH-EDC-XX-01-DR-Z-7003

RIBA Work Stage **4** Status Code **D2** Revision **P04**

Scale @ A1 **As indicated** Model Manager **EMcl** Project Manager **CMcG**

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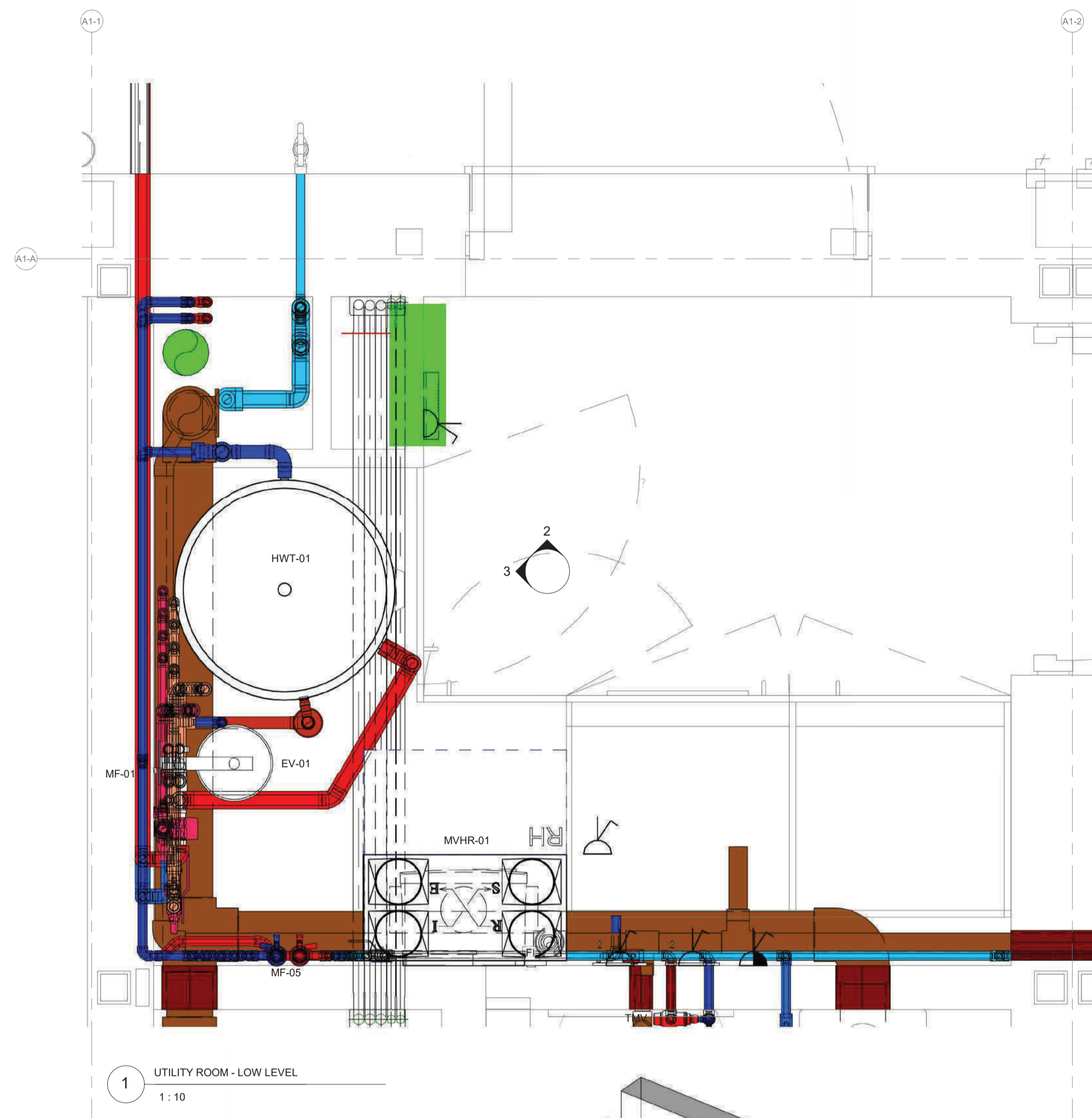
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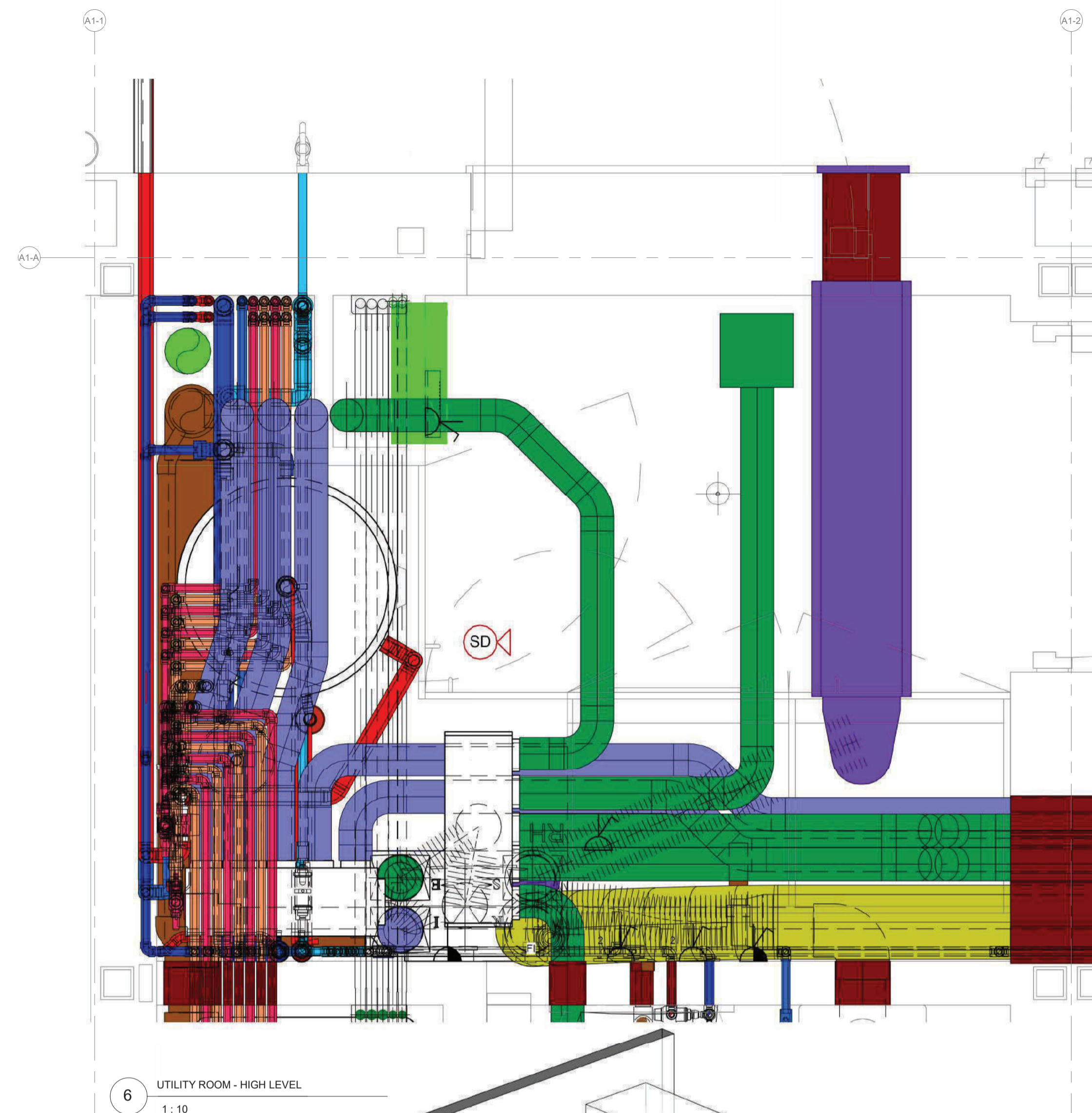
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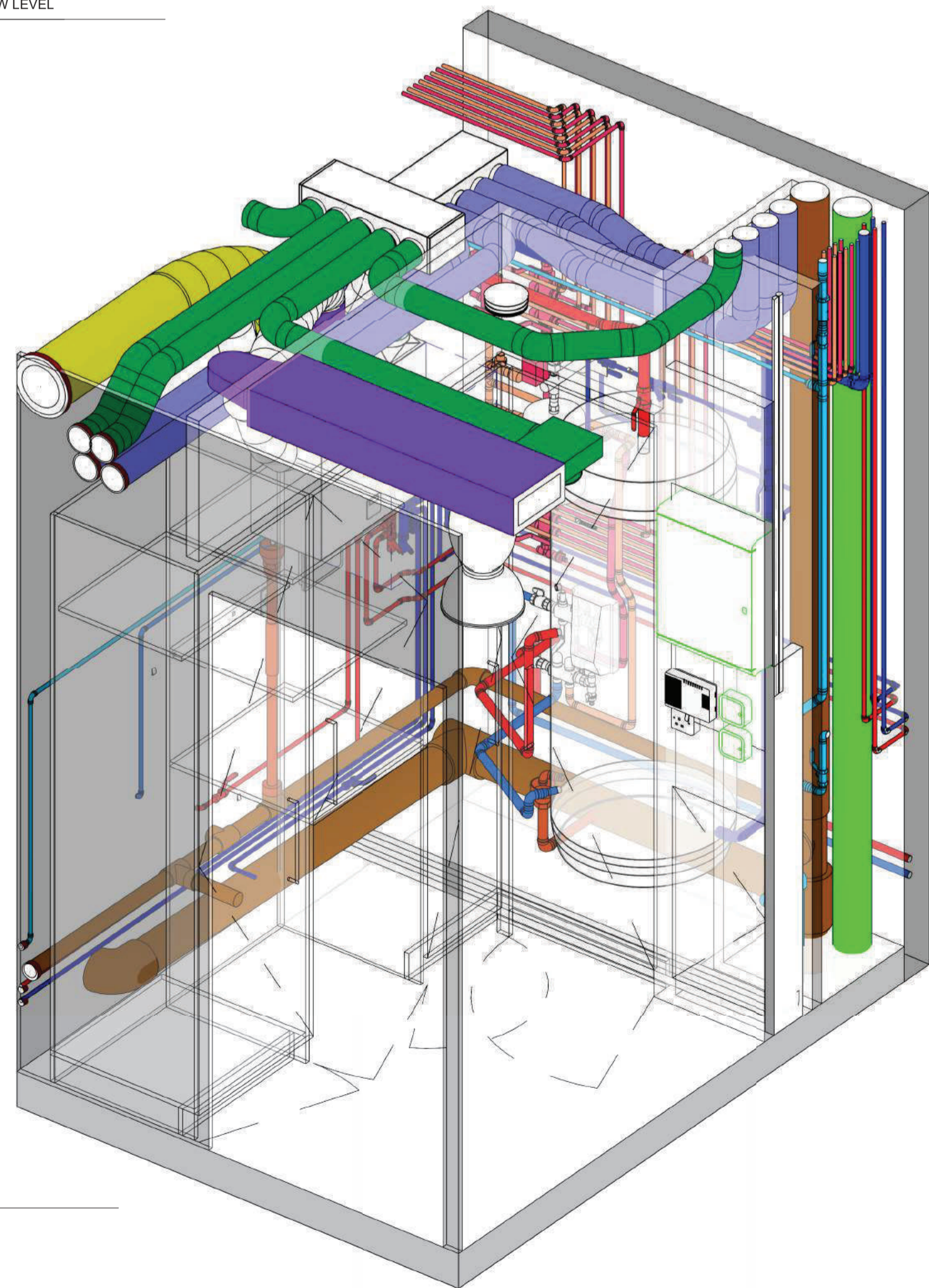
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1 UTILITY ROOM - LOW LEVEL
1:10

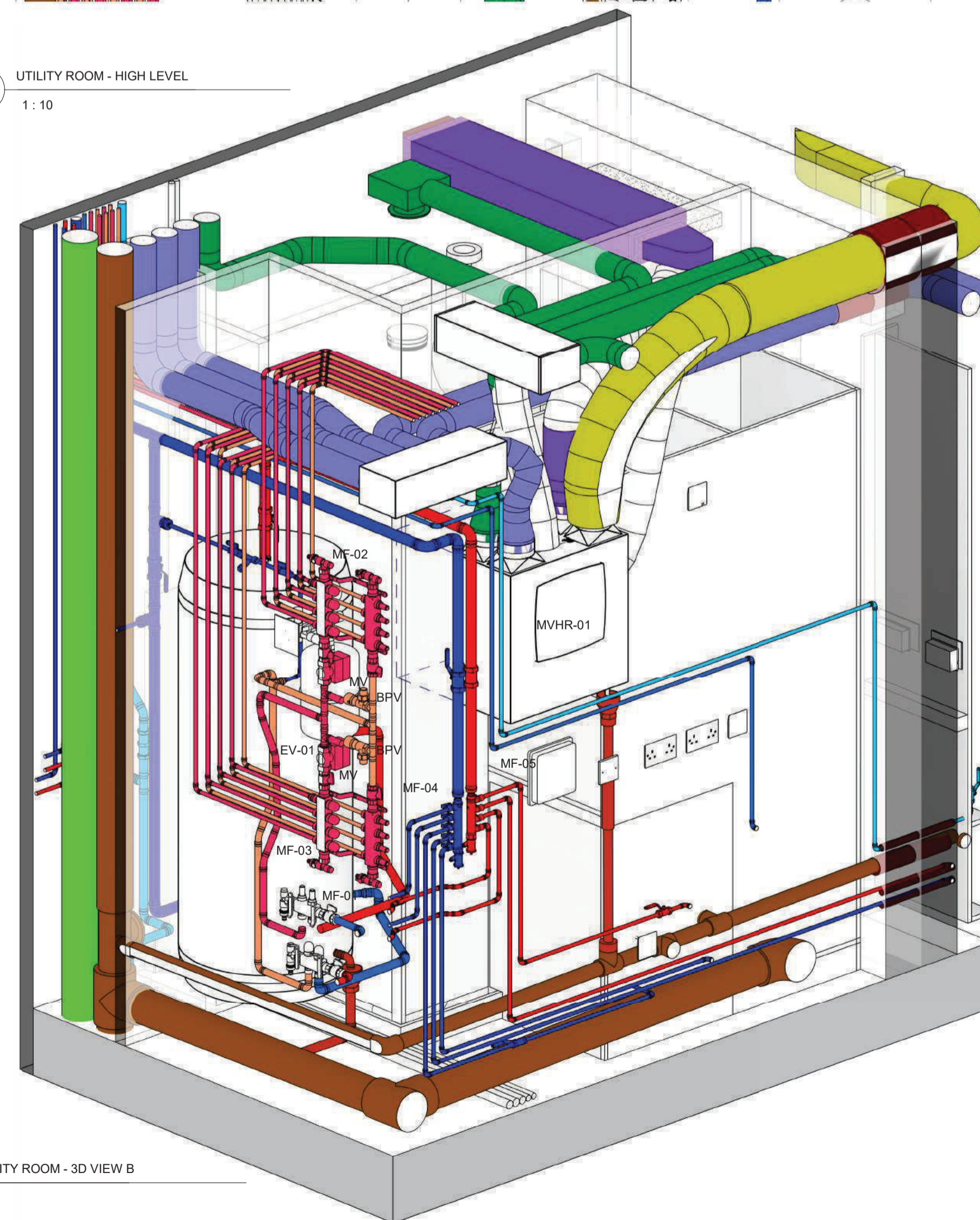


6 UTILITY ROOM - HIGH LEVEL
1:10



2 UTILITY ROOM - 3D VIEW A

NOTE:
MANUFACTURERS TO
ALLOW FOR SUPPORTS FOR
MVHR & PORT MANIFOLDS



3 UTILITY ROOM - 3D VIEW B

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P02	05.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P01	03.05.2023	ISSUED FOR TENDER	EMcl	CMcG
Rev	Date	Description	Orig	App

Client
JOHN SISK & SON

Project
**UKRAINIAN MODULAR HOUSING
TWO STOREY DWELLING**

Title
UTILITY ROOM LAYOUT

Drawing No
URMH-EDC-XX-00-DR-Z-7001

RIBA Work Stage 4	Status Code D2	Revision P04
Scale @ A1 As indicated	Model Manager EMcl	Project Manager CMcG

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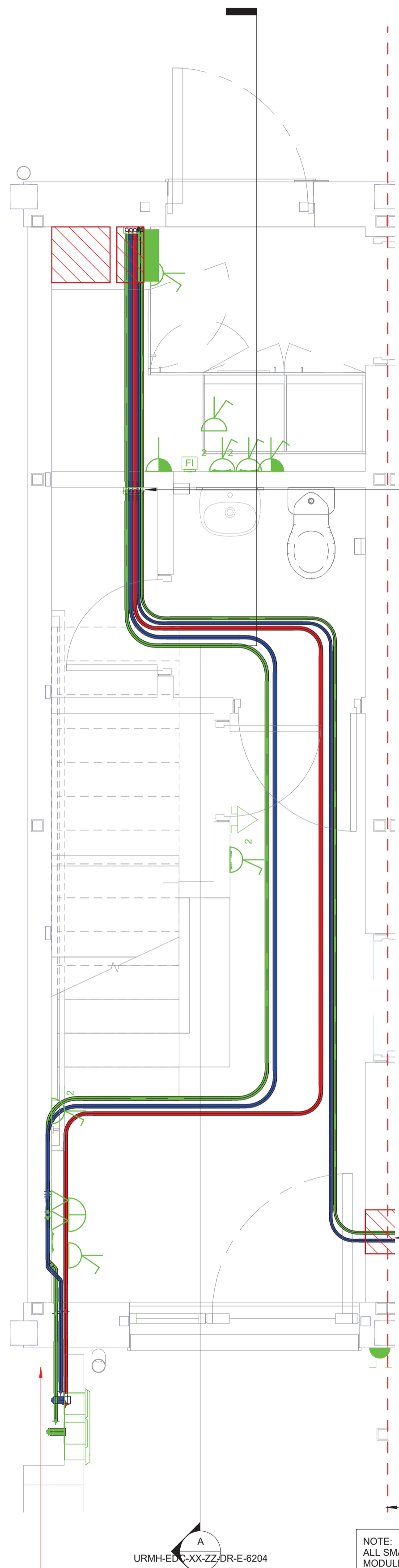
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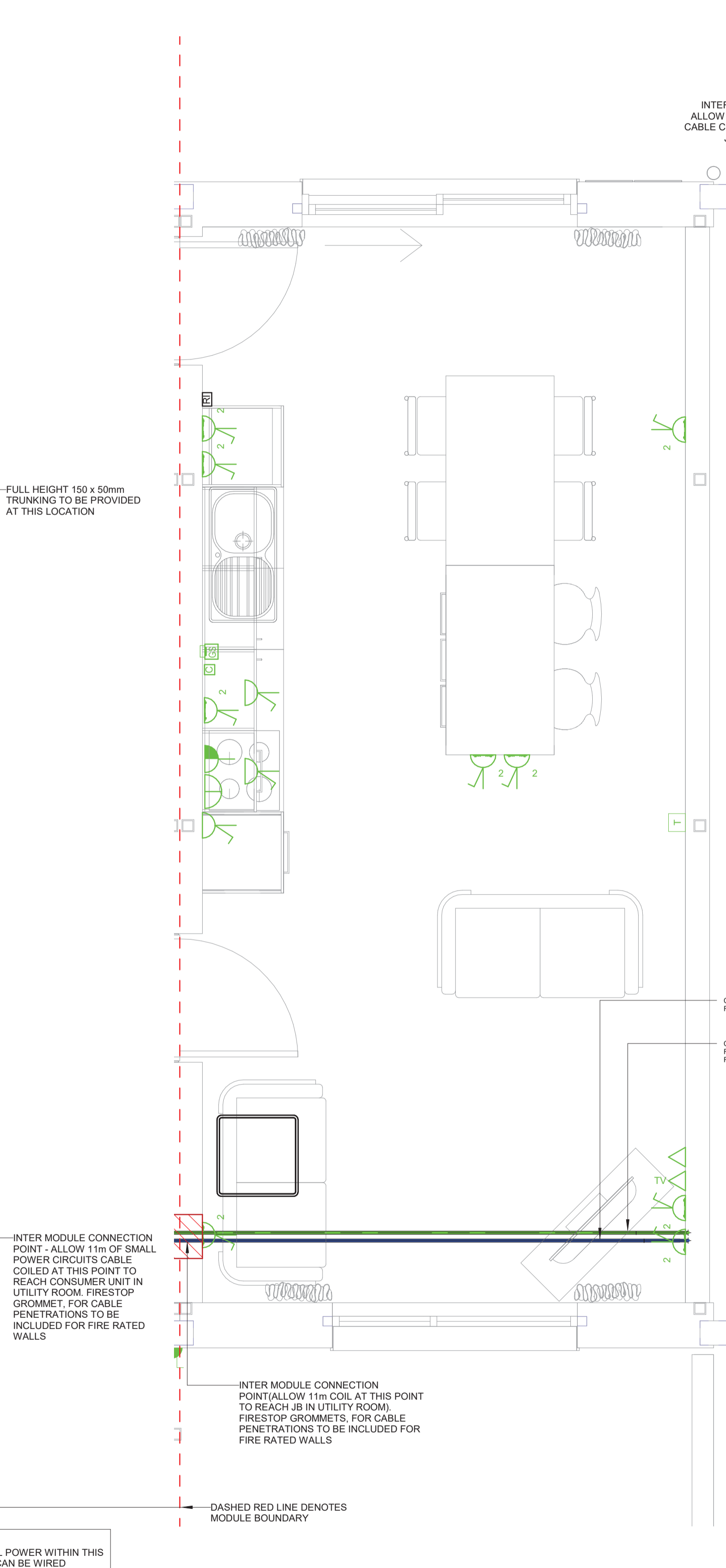
NOTE:
FOR HEIGHT AND APPROXIMATE LOCATIONS OF ITEMS
PLEASE REFER TO DRAWING URMH-EDC-00-ZZ-DR-E-6203

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 - SOCKETS SHOULD BE PLACED WHERE THEY ARE ACCESSIBLE AND IDEALLY AT LEAST 150 - 300mm AWAY FROM PIPEWORK.
 - FIRE SEALANT IS REQUIRED WHERE CABLES PENETRATE ANY FIRE WALLS. MANUFACTURERS TO DRILL HOLE, RUN CABLE(S), SNAP THE GROMMET AROUND THE CABLE(S) AND PRESS IT INTO THE WALL.

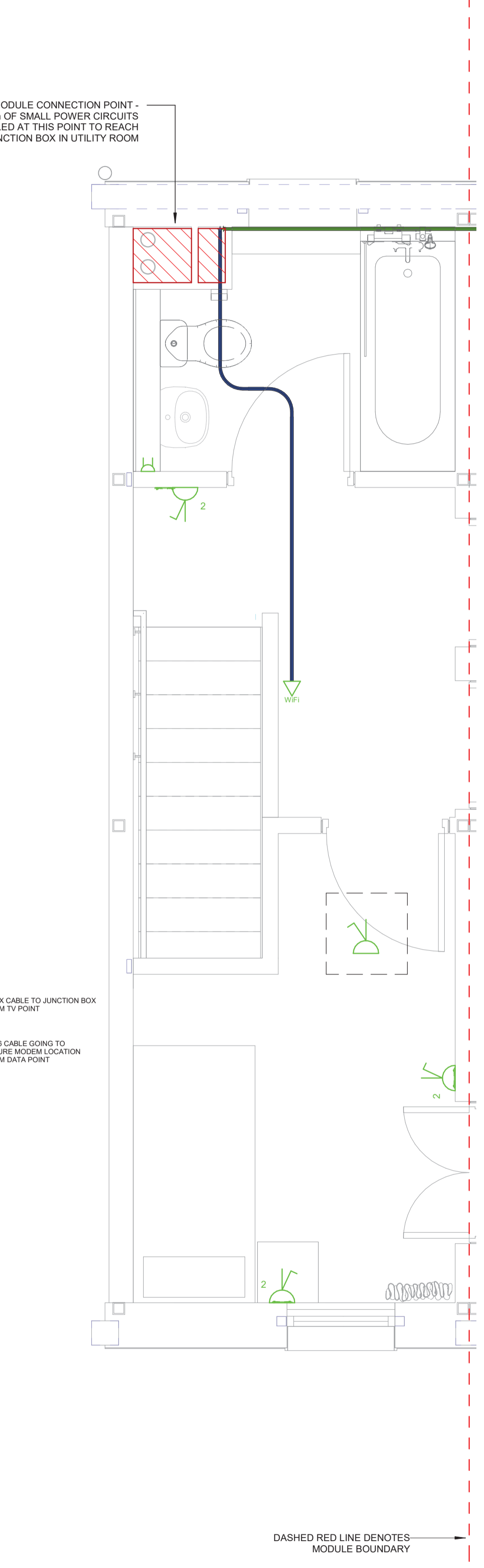
- CABLE LEGEND:**
- ESB CABLE
 - EIR CABLE
 - TV CABLE



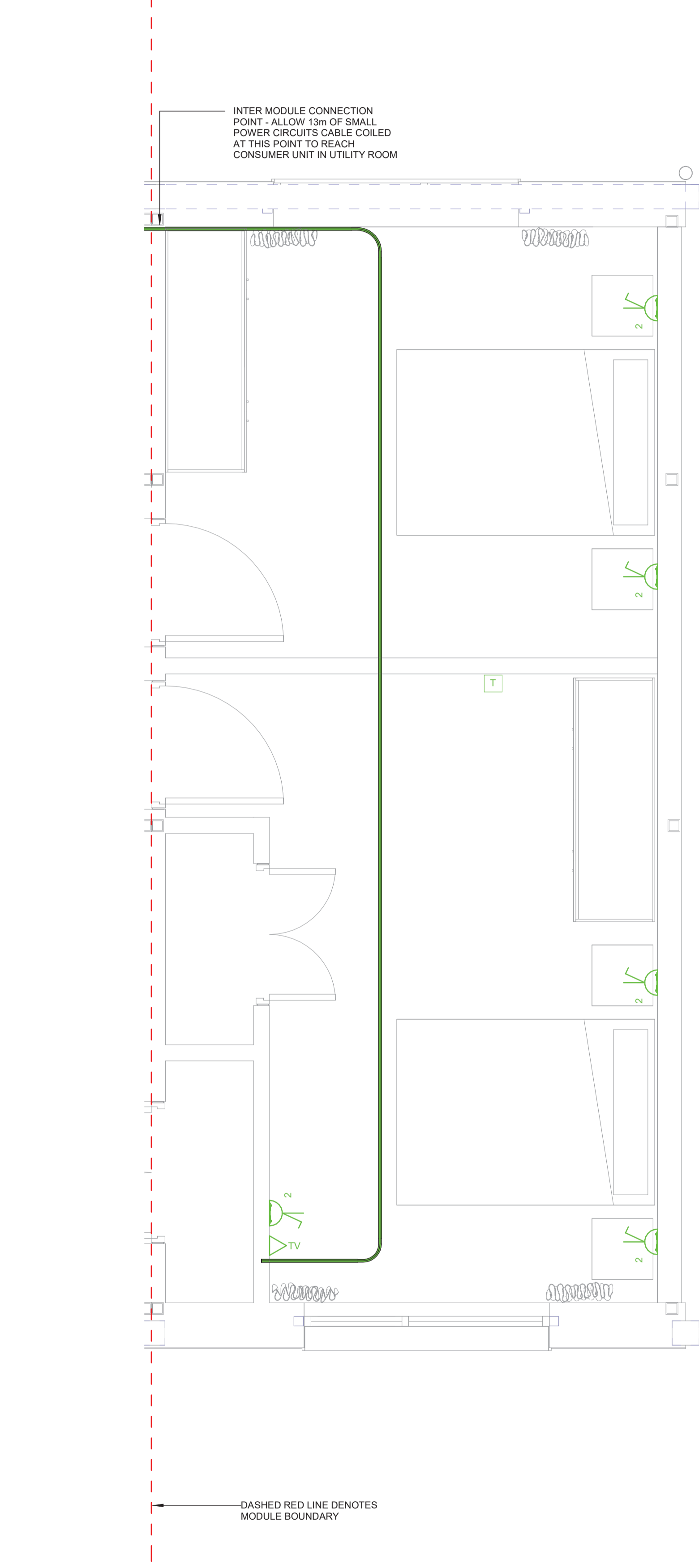
0A GROUND FLOOR INTERCONNECTION LAYOUT MODULE - 0A
1: 25



0B GROUND FLOOR INTERCONNECTION LAYOUT MODULE - 0B
1: 25



1A FIRST FLOOR INTERCONNECTION LAYOUT MODULE - 1A
1: 25



1B FIRST FLOOR INTERCONNECTION LAYOUT MODULE - 1B
1: 25

Rev	Date	Description	Orig	App
P03	23.05.23	ISSUED FOR TENDER	EMcl	CMcG
P02	05.05.23	ISSUED FOR TENDER	EMcl	CMcG
P01	03.05.23	ISSUED FOR TENDER	EMcl	CMcG

Client: **JOHN SISK & SON**

Project: **UKRAINIAN MODULAR HOUSING
TYPICAL TWO STOREY MODULE**

Title: **MODULE INTERCONNECTION DETAILS**

Drawing No: **URMH-EDC-XX-ZZ-DR-E-6202**

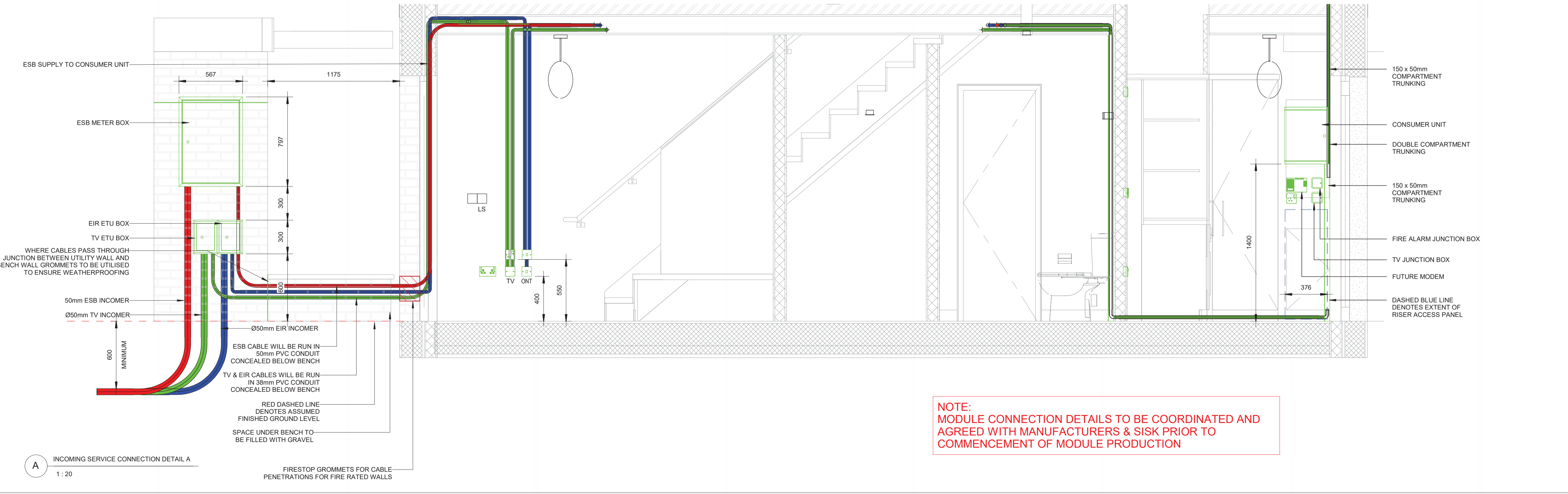
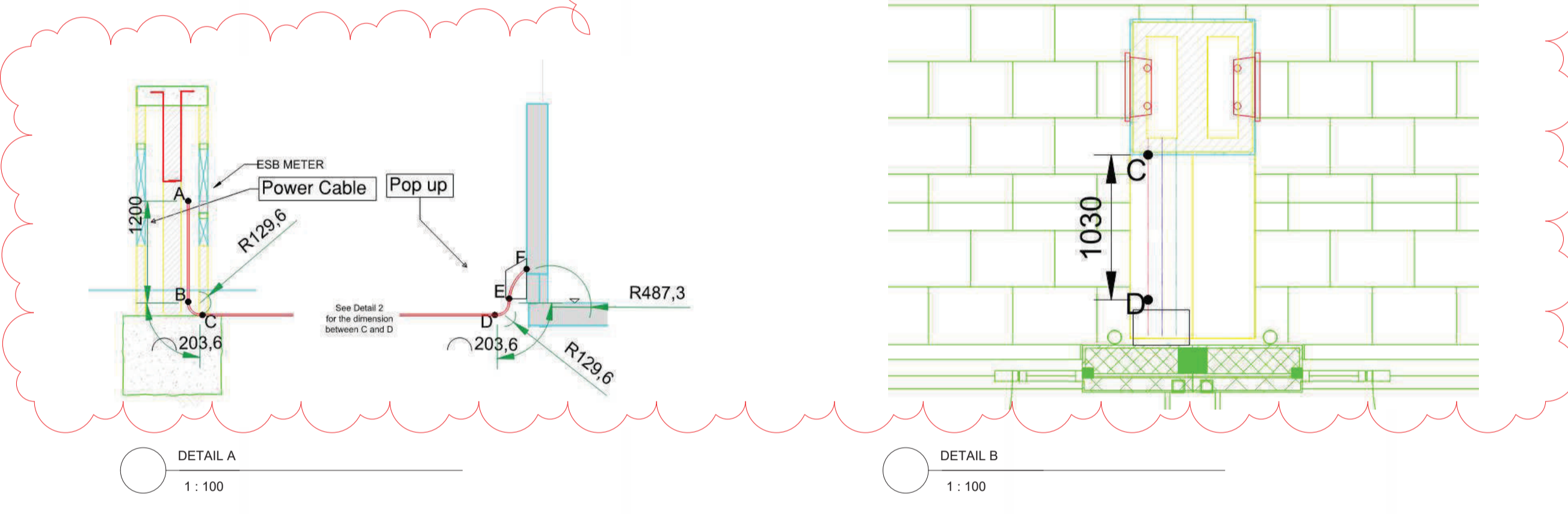
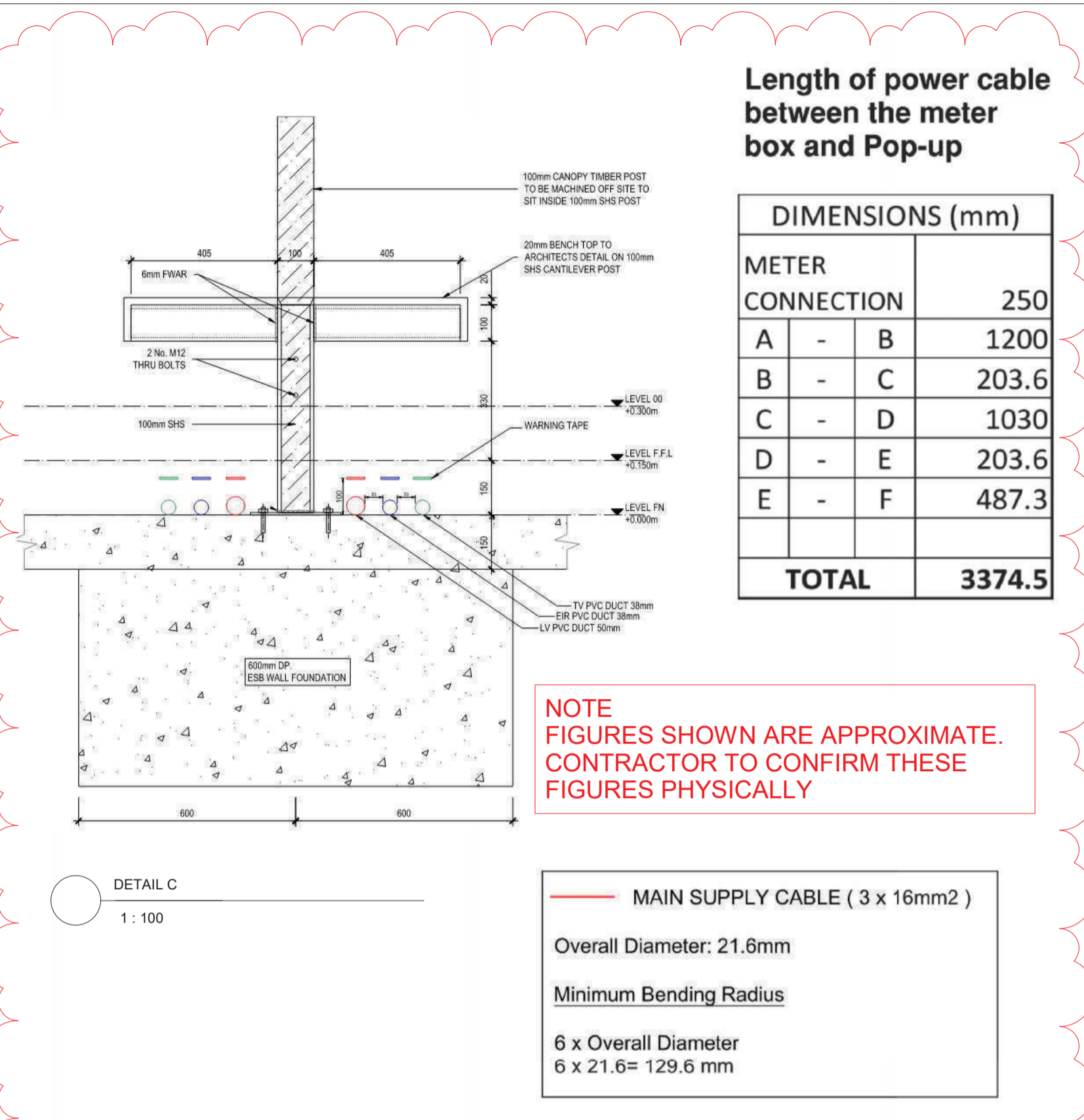
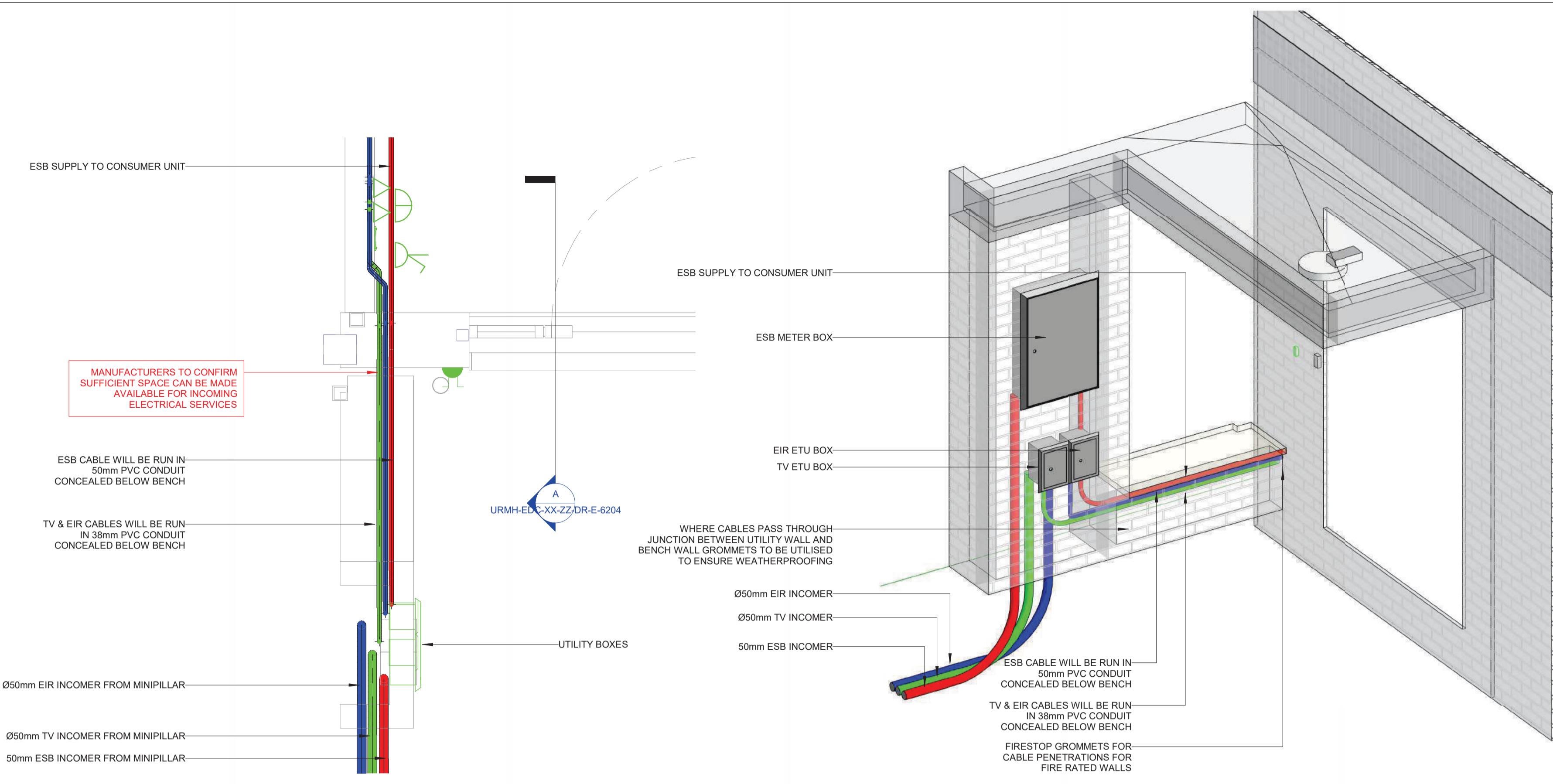
RIBA Work Stage: **4** Status Code: **D2** Revision: **P03**

Scale @ A1: **As indicated** Model Manager: **EMcl** Project Manager: **CMcG**

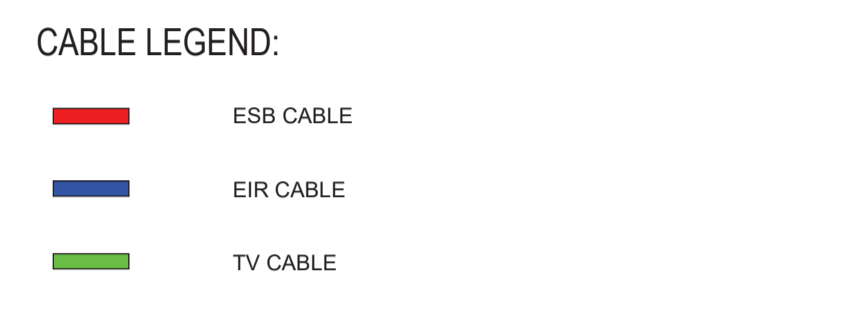
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 - ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
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 - THE INFORMATION ON THIS DRAWING IS INDICATIVE ONLY OF THE DESIGN INTENT. THE CONTRACTOR SHOULD USE THIS AS A BASIS ONLY FOR THE DESIGN DEVELOPMENT & PRODUCTION OF WORKING DRAWINGS FOR FACTORY USE.
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 - ALL WORKS ARE TO BE IN ACCORDANCE WITH THE CURRENT RELEVANT REGULATIONS, BUILDING REGULATIONS, ACCEPTED CODES OF PRACTICE & TRADE ASSOCIATION REQUIREMENTS.
 - SOCKETS SHOULD BE PLACED WHERE THEY ARE ACCESSIBLE AND IDEALLY AT LEAST 150 - 300mm AWAY FROM PIPEWORK.
 - FIRE SEALANT IS REQUIRED WHERE CABLES PENETRATE ANY FIRE WALLS. MANUFACTURERS TO DRILL HOLE, RUN CABLE(S), SNAP THE GROMMET AROUND THE CABLE(S) AND PRESS IT INTO THE WALL.



Rev	Date	Description	Orig	App
P08	26.10.23	ISSUED FOR INFORMATION	EMcl	CMcG
P07	18.09.23	ISSUED FOR INFORMATION	EMcl	CMcG
P06	28.07.23	ISSUED FOR TENDER	EMcl	CMcG
P05	21.07.23	ISSUED FOR TENDER	EMcl	CMcG
P04	23.05.23	ISSUED FOR TENDER	EMcl	CMcG
P03	05.05.23	ISSUED FOR TENDER	EMcl	CMcG
P02	03.05.23	ISSUED FOR TENDER	EMcl	CMcG
P01	01.03.23	ISSUED FOR TENDER	EMcl	CMcG

Client: **JOHN SISK & SON**

Project: **UKRAINIAN MODULAR HOUSING TYPICAL TWO STOREY MODULE**

Title: **INCOMING SERVICE CONNECTION DETAIL**

Drawing No: **URMH-EDC-XX-ZZ-DR-E-6204**

RIBA Work Stage	Status Code	Revision
4	S2	P08

Scale @ A1: **As indicated** | Model Manager: **EMcl** | Project Manager: **CMcG**

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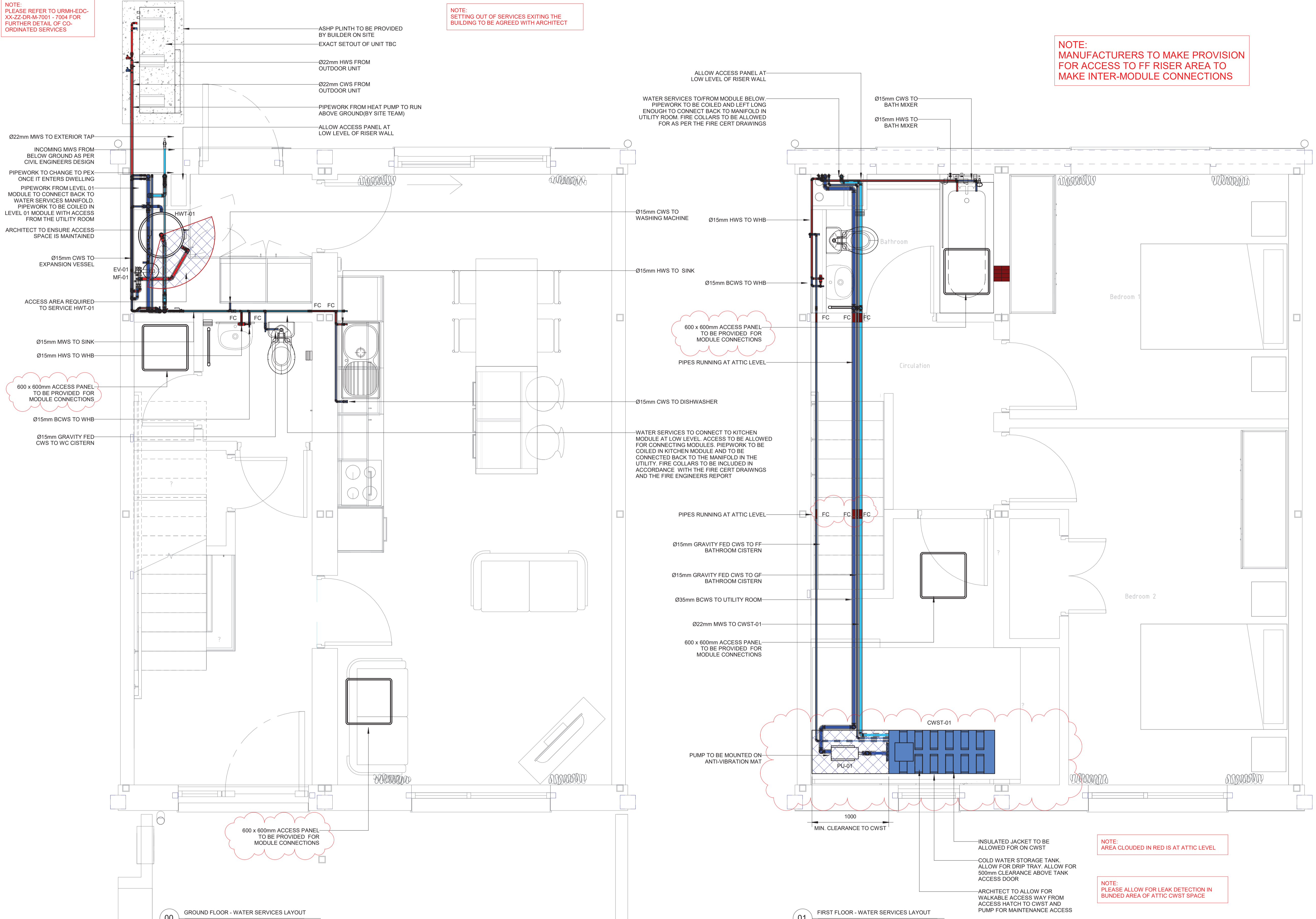
NOTE:
MODULE CONNECTION DETAILS TO BE COORDINATED AND AGREED WITH MANUFACTURERS & SISK PRIOR TO COMMENCEMENT OF MODULE PRODUCTION

NOTE:
PLEASE REFER TO URMH-EDC-
XX-ZZ-DR-M-7001 - 7004 FOR
FURTHER DETAIL OF CO-
ORDINATED SERVICES

NOTE:
SETTING OUT OF SERVICES EXITING THE
BUILDING TO BE AGREED WITH ARCHITECT

NOTE:
MANUFACTURERS TO MAKE PROVISION
FOR ACCESS TO FF RISER AREA TO
MAKE INTER-MODULE CONNECTIONS

NOTES:
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DRAWINGS,
SPECIFICATION, SCHEDULES ETC. PRODUCED BY THE MEP
CONSULTANT'S AND WIDER DESIGN TEAM.
ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
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DIMENSIONS & LEVELS ARE TO BE CHECKED BY THE CONTRACTOR ON
SITE PRIOR TO WORK COMMENCING.
THE INFORMATION ON THIS DRAWING IS INDICATIVE ONLY OF THE
DESIGN INTENT. THE CONTRACTOR SHOULD USE THIS AS A BASIS ONLY
FOR THE DESIGN DEVELOPMENT & PRODUCTION OF WORKING
DRAWINGS FOR SITE USE.
ANY DISCREPANCIES, ERRORS OR OMISSIONS ARE TO BE CLARIFIED
WITH THE RELEVANT ENGINEER AT THE EARLIEST OPPORTUNITY.
ALL WORKS ARE TO BE IN ACCORDANCE WITH THE CURRENT RELEVANT
REGULATIONS, BUILDING REGULATIONS, BRITISH STANDARDS,
ACCEPTED CODES OF PRACTICE & TRADE ASSOCIATION REQUIREMENTS.
IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO LIAISE WITH
THE MAIN CONTRACTOR & ALL OTHER TRADES TO ENSURE THE CO-
ORDINATION OF WORKS TO SUIT PROGRAM CONTRACTS & AVOID
CLASHES.
ACCESS STRATEGY TO BE AGREED BY ARCHITECT.
PLEASE REFER TO MECHANICAL SERVICES RISER LAYOUT DRAWING FOR
EQUIPMENT REQUIREMENTS.
ALL PIPEWORK TO BE FLUSHED AND TESTED AND FULLY PRESSURE
TESTED AS PER SPEC. BEFORE BEING CONCEALED.
IT IS MECHANICAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL
PIPEWORK IS ADEQUATELY PROTECTED WHILE EXPOSED.
A MINI BALL VALVE IS TO BE INSTALLED AT ALL FINAL CONNECTIONS TO
WATER SERVICES APPLIANCES FOR EASE OF MAINTENANCE.
IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO CAP ALL
PIPEWORK DURING CONSTRUCTION TO ENSURE NO DIRT OR DEBRIS
BLOCKS PIPES.
INCOMING MWS PIPEWORK IS TO BE FITTED WITH PRESSURE REDUCING
VALVES.
ALL SHOWERS AND BATH MIXERS TO BE TMV2 THERMOSTATICALLY
CONTROLLED.
FINAL CONNECTIONS TO SANITARY WARE ARE AS FOLLOWS:
WC (WATER CLOSET) - 15mm
WHB (WASHING HANDS BASIN) - 15mm
SINK (KITCHEN SINK) - 15mm
WM (WASHING MACHINE) - 15mm
DW (DISH WASHER) - 15mm
SH (SHOWER) - 15mm
DCV SHOULD BE PROVIDED BEFORE TMV. ALSO DCV SHALL BE PROVIDED
IN EVERY APPLIANCE.
FLOW RATE SHALL NOT BE GREATER THAN DWS CALCULATION.
ALL PIPEWORK WITHIN EXTERNAL WALLS TO BE PIPE IN PIPE WITHIN
COLOUR CODED CONDUIT.
STOP COCK SHALL BE PROVIDED AT THE ENTRY OF THE HOUSE AT
ACCESSIBLE LEVEL.
DRIP TRAY TO BE ADDED UNDER CWST
ALL WC CISTERNS TO BE GRAVITY FED FROM CWST. ALL OTHER
APPLIANCES TO BE FED FROM BOOSTED COLD WATER PIPEWORK
CYLINDER TO BE PLUMBED AS PER MANUFACTURERS INSTRUCTIONS
CIRCULATION PUMP TO BE MOUNTED ON ANTI-VIBRATION PADS. REFER TO
MECHANICAL SPECIFICATION FOR DETAILS



- CWS - COLD WATER PIPEWORK
 - GRAVITY FED COLD WATER PIPEWORK
 - BCWS - BOOSTED COLD WATER PIPEWORK
 - HWS - HOT WATER PIPEWORK
 - MWS - MAINS WATER PIPEWORK
 - FC - FIRE COLLAR
- IV ISOLATION VALVE
 - SC STOP COCK
 - AAV AIR ADMITTANCE VALVE
 - DW DISHWASHER
 - T/A TO ABOVE
 - T/B TO BELOW
 - F/B FROM BELOW
 - F/A FROM ABOVE
 - HL HIGH LEVEL
 - LL LOW LEVEL
 - BCW BOOSTER COLD WATER
 - HWS-F HOT WATER SUPPLY
 - WHB WASH HAND BASIN
 - WM WASHING MACHINE
 - SH SHOWER
 - HWC HOT WATER CYLINDER
 - CWST COLD WATER STORAGE TANK
 - DW DISHWASHER
 - CWS COLD WATER SUPPLY

Rev	Date	Description	Orig	App
P04	23.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P03	11.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P02	05.05.2023	ISSUED FOR TENDER	EMcl	CMcG
P01	03.05.2023	ISSUED FOR TENDER	EMcl	CMcG

Client
JOHN SISK & SON

Project
**UKRAINIAN MODULAR HOUSING
TWO STOREY DWELLING**

Title
**WATER SERVICES SYSTEM LAYOUT
GROUND & FIRST FLOOR**

Drawing No
URMH-EDC-XX-ZZ-DR-M-5301

RIBA Work Stage	Status Code	Revision
4	D2	P04

Scale @ A1	Model Manager	Project Manager
As indicated	EMcl	CMcG

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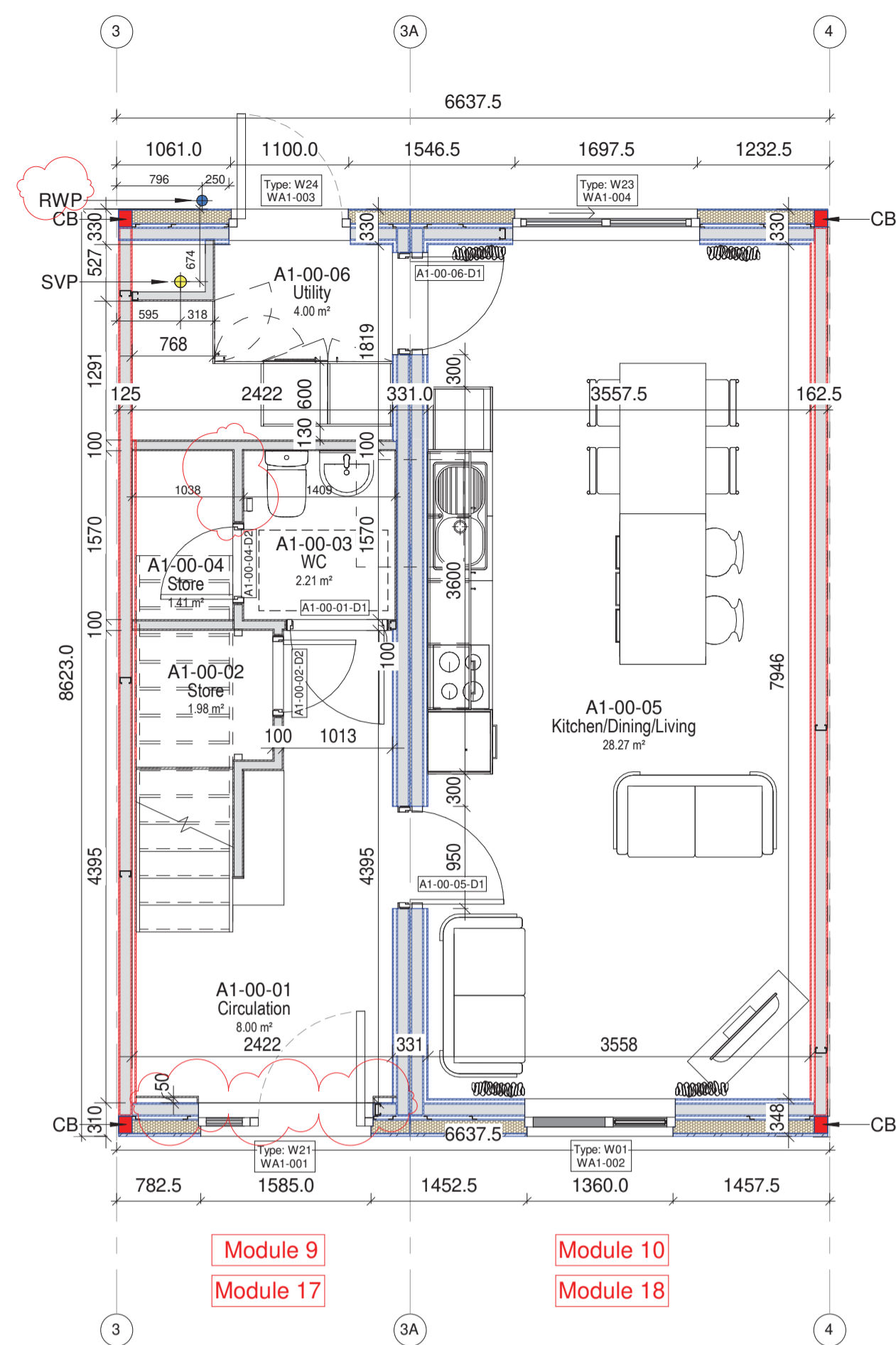
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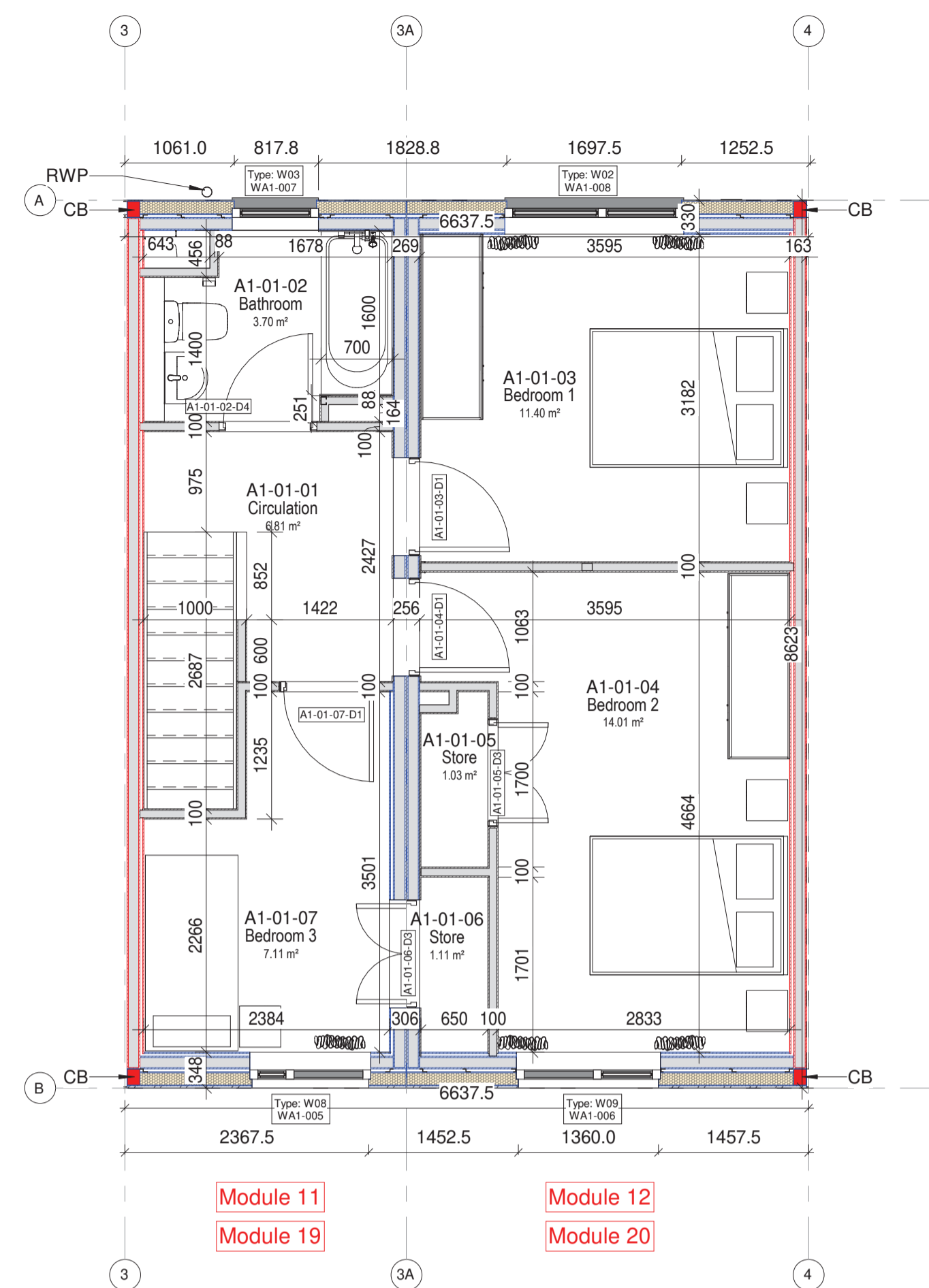
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00 GROUND FLOOR - WATER SERVICES LAYOUT
1:25

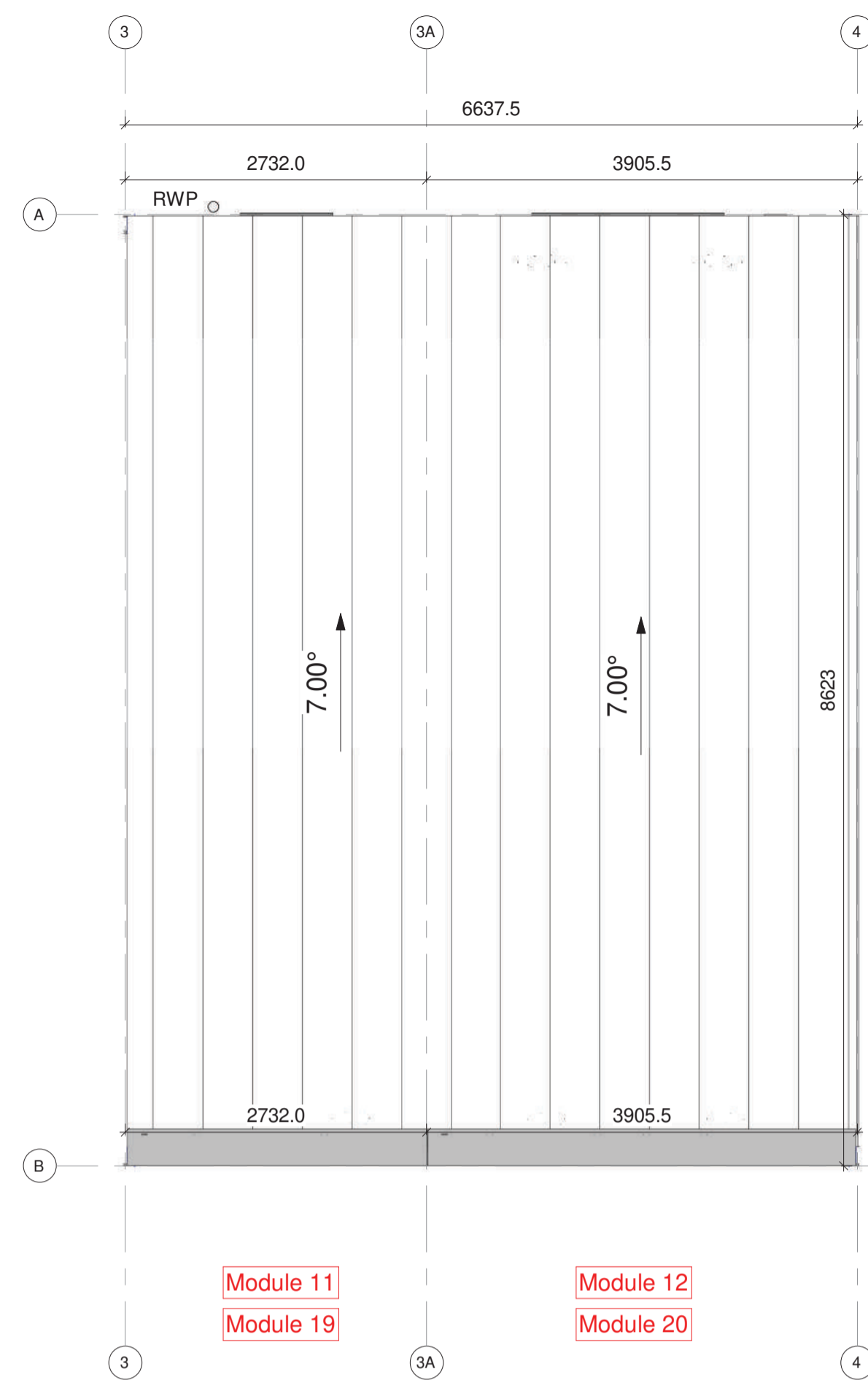
01 FIRST FLOOR - WATER SERVICES LAYOUT
1:25



TYPE A1 - Ground Floor Plan - Typical / Mid Terrace
1 : 50



TYPE A1 - First Floor Plan - Typical / Mid Terrace
1 : 50



TYPE A1 - Roof Plan - Typical / Mid Terrace
1 : 50

SPECIFICATION:

ROOF:
Kalzip Standing Seam on
Exoperm 150 Membrane on
12mm Weatherkem Fibre Cement Board on
100mm PIR insulation on
Technoelast VB-500 VCL
12mm Versaroc Fibre Cement Board
150mm LGS Frame Roof joists
25mm MFS TopHat @400mm c/c
12.5mm Standard Plasterboard

INTERMEDIATE FLOOR:

1F Module Floor:
15mm Selected floor finish on
18mm Ply
200mm LGS Floor joists (1F Module Floor Structure)
100mm Rockwool 22kg/m³ insulation between joists
12.5mm Siniat GTEC Weather Defence Board

GF Module Roof:

Kingspan single skin for temporary roof weathering
150mm LGS Roof joists (GF Module Roof Structure)
150mm Service cavity formed with MF Ceiling
12.5mm Standard Plasterboard Ceiling

FLOOR:

15mm Selected floor finish on
18mm OSB3 Deck
200mm LGS Floor joists
200mm Rockwool Rollbatt between joists
Izoperm Plus Membrane
75mm PIR Insulation
12mm Fibre Cement Board

EXTERNAL WALL:

Brick Slip or Render Finish
120mm EPS White Insulation
12mm Fibre Cement Board
25mm Cavity Vertical Z Channel
12.5mm Siniat GTEC Weather Defence Board
100mm LGS Frame @ 600 C/E'S
100mm Rockwool rollbatt between studs
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL BETWEEN UNITS (DOUBLE):

FD60min
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Filled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL INTERNAL (DOUBLE):

12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Filled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

INTERNAL PARTITIONS:

12.5mm Standard Plasterboard
75mmx1.2mm LGS with 70mm Isover Acoustic roll
12.5mm Standard Plasterboard

FIRE SPECIFICATION:

- 60 minutes fire resistance rating
- 30 minutes fire resistance rating

NO	DATE	DESCRIPTION	BY	DATE
C02	VL	Entrance wall SC		30/11/2023
C01	RS	IFC		31/10/2023
P06	VL	SVP Utility Room		29/09/2023
P05	RS	Isolates		11/09/2023
P04	RS	Details Comments		18/08/2023

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PROJECT:
2-Storey URMH

DRAWING TITLE:

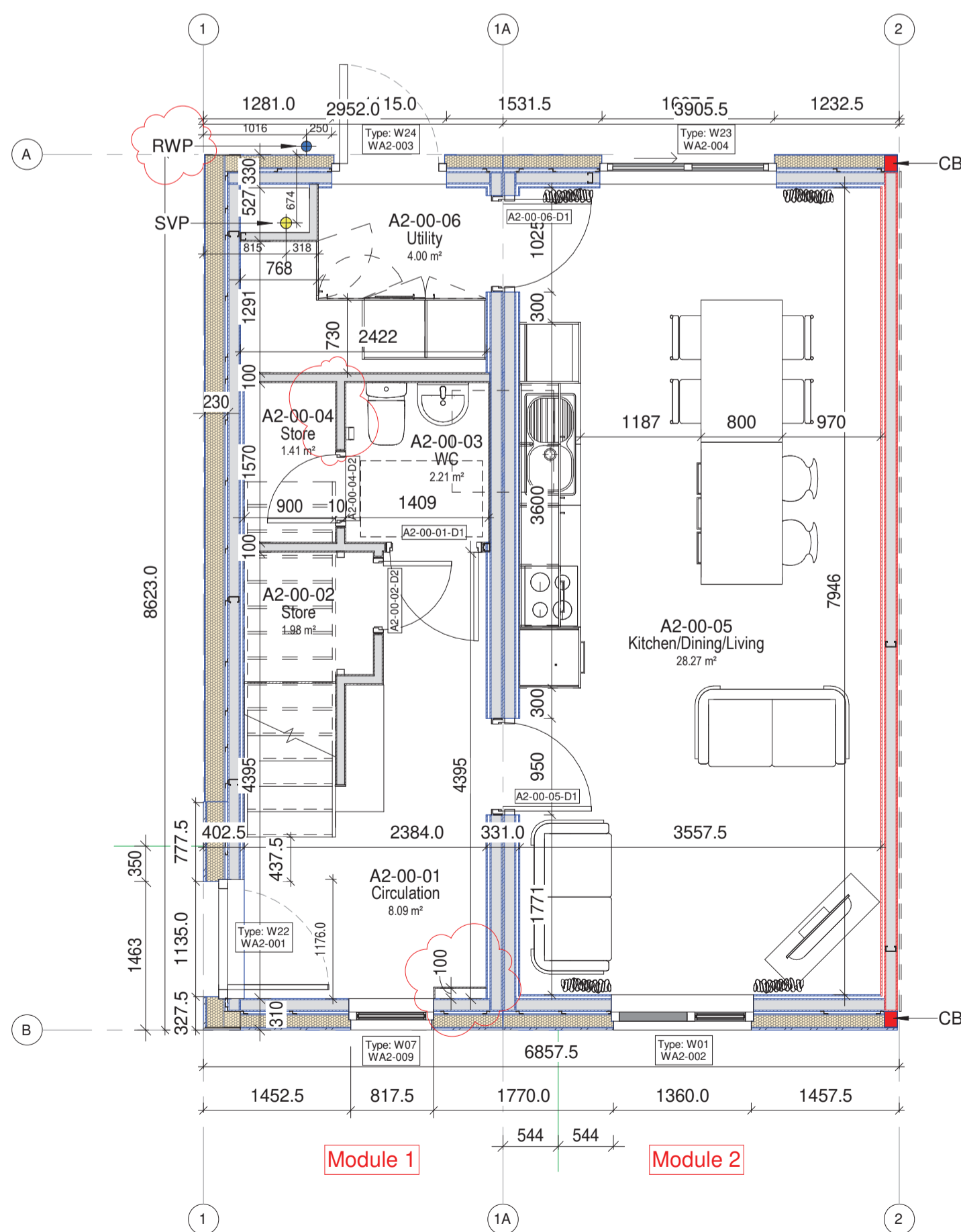
1151-GA Plans - Types A1/A2

DATE: 30/11/2023 DRAWN BY: VL CHECKED BY: PM

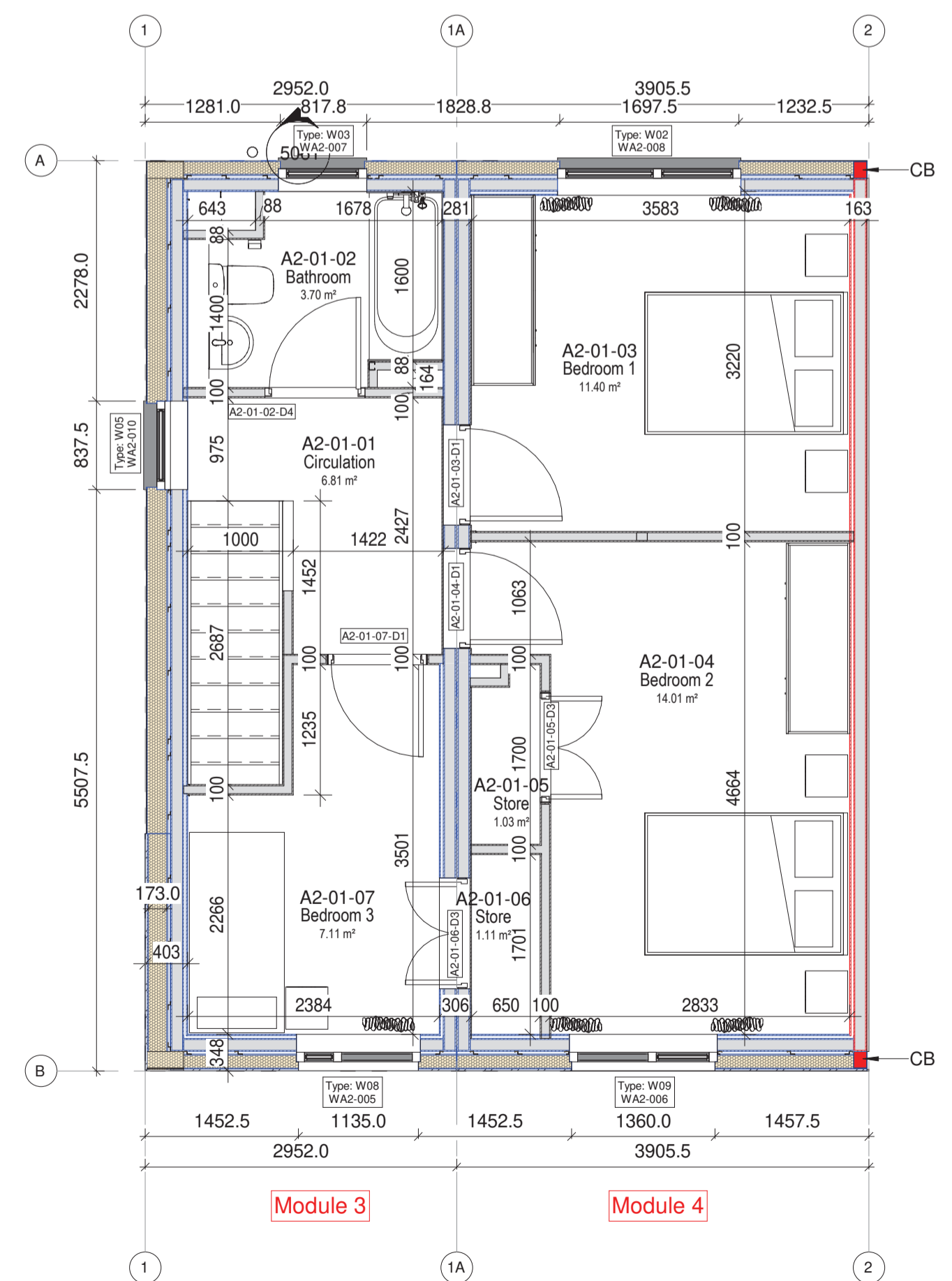
SCALE @ A1: 1 : 50 PROJECT NO: 2313 REVISION: C02

DRAWING NO:

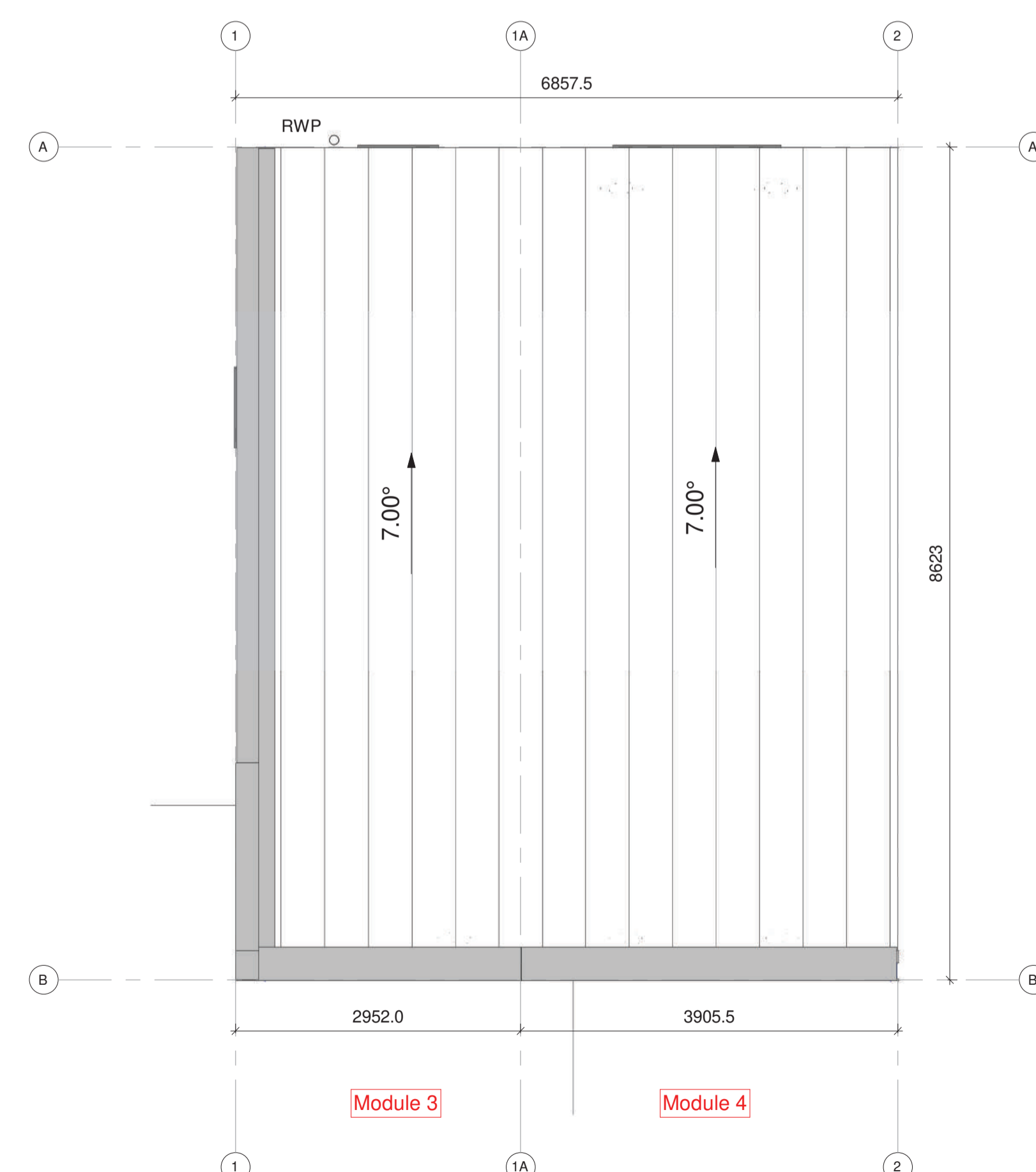
2313- FSS- 00- ZZ- DR- X- 1151



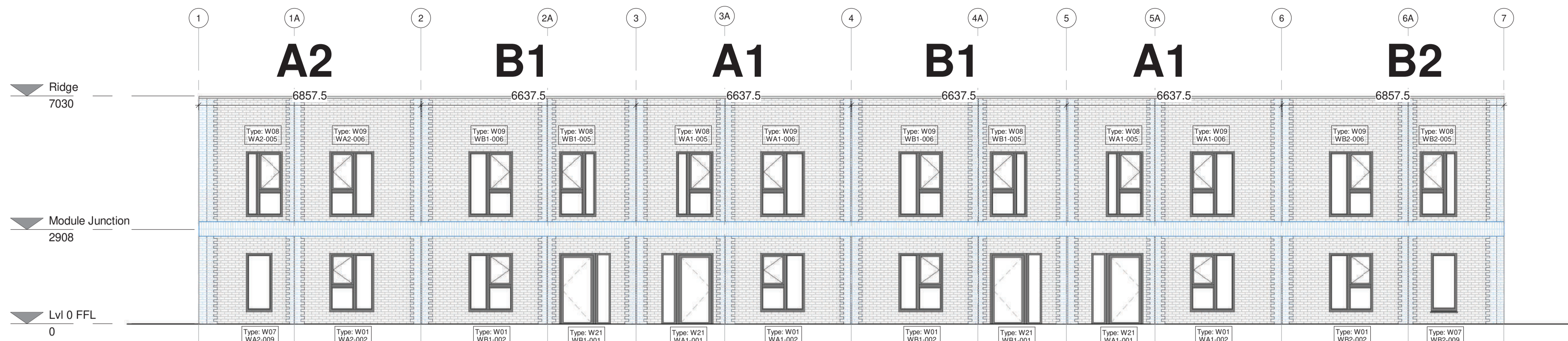
TYPE A2 - Ground Floor Plan - Active Gable
1 : 50



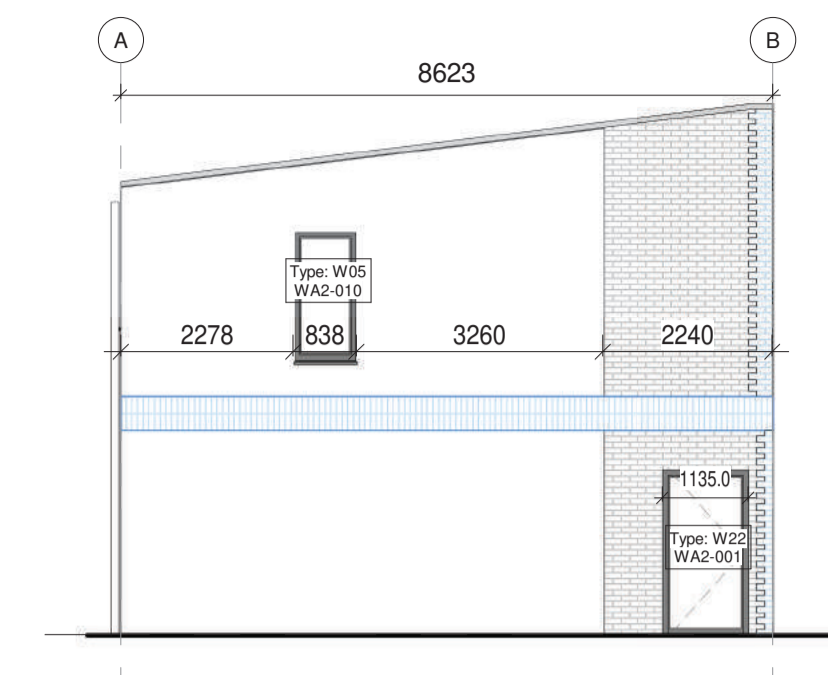
TYPE A2 - First Floor Plan - Active Gable
1 : 50



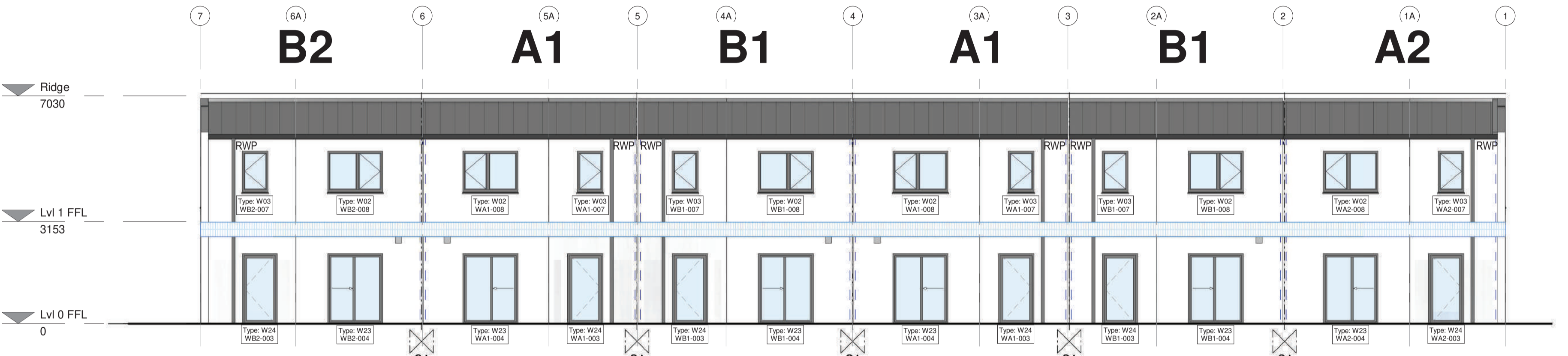
TYPE A2 - Roof Plan - Active Gable
1 : 50



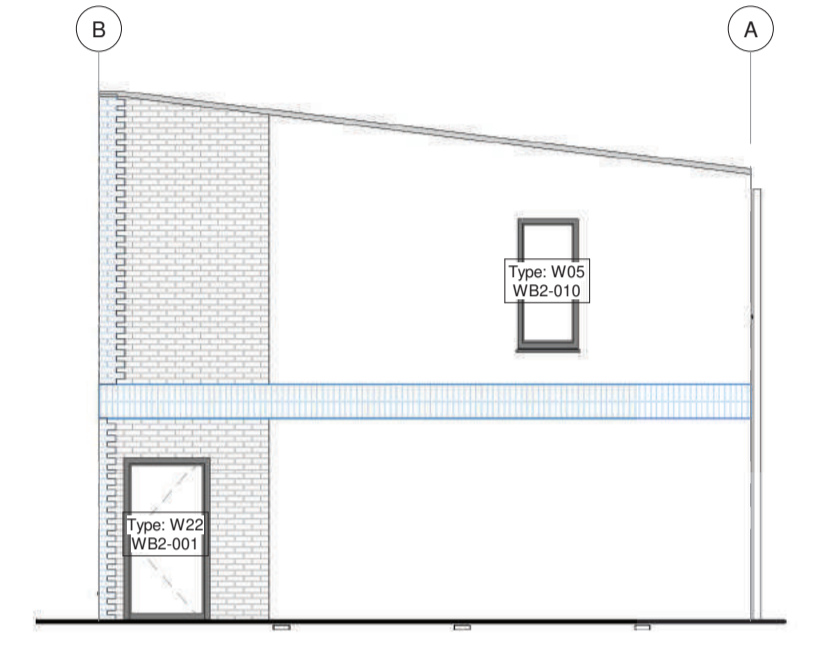
Block 1 - Front Elevation
1 : 100



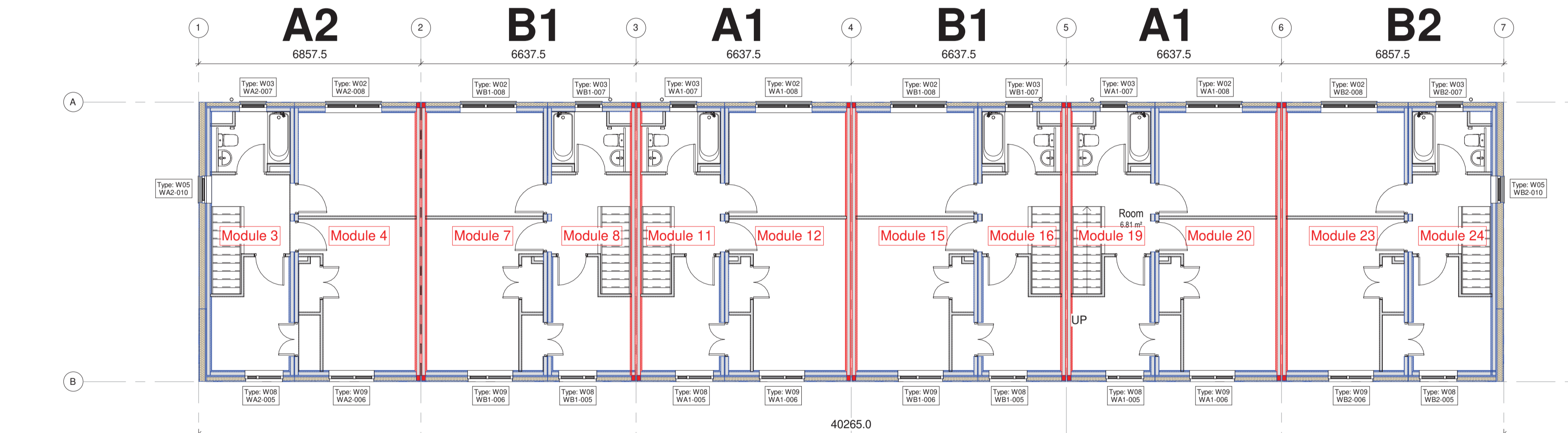
Block 1 - Side Elevation A2
1 : 100



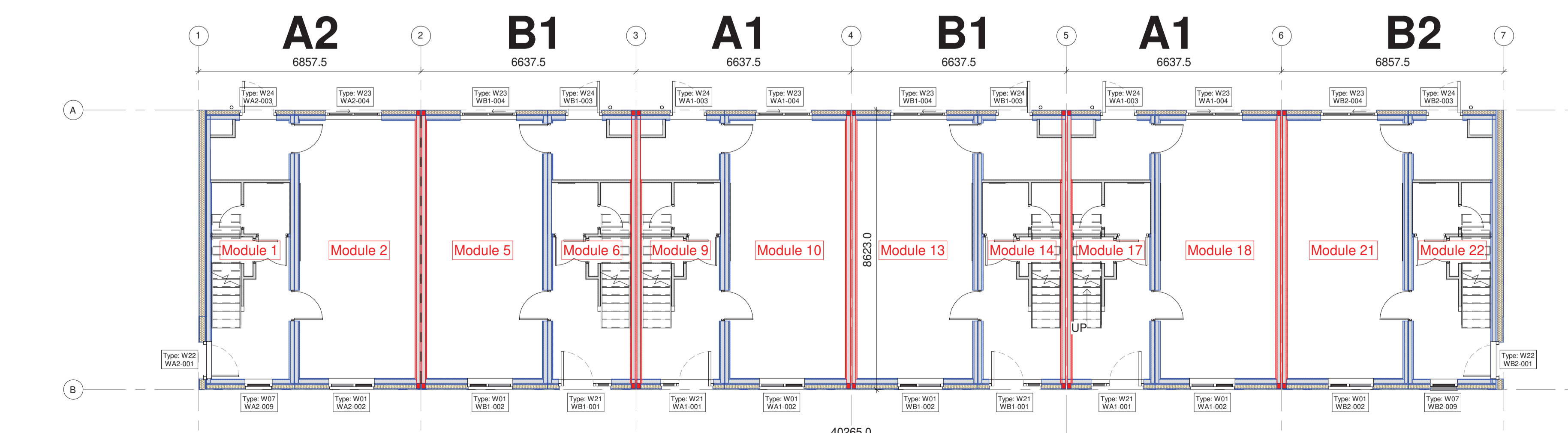
Block 1 Rear Elevation
1 : 100



Block 1 - Side Elevation B2
1 : 100



Block 1 - First Floor Plan
1 : 100



Block 1 - Ground Floor Plan
1 : 100

SPECIFICATION:

ROOF:
Kalzip Standing Seam on
Exoperm 150 Membrane on
12mm WeatherKem Fibre Cement Board on
100mm PIR Insulation on
Technoelast VB-500 VCL
12mm Versaroc Fibre Cement Board
150mm LGS Frame Roof Joists
25mm MF5 TopHat @400mm c/c
12.5mm Standard Plasterboard

INTERMEDIATE FLOOR:
1F Module Floor:
15mm Selected floor finish on
18mm Ply
200mm LGS Floor joists (1F Module Floor Structure)
100mm Rockwool 22kg/m³ insulation between joists
12.5mm Siniat GTEC Weather Defence Board

GF Module Roof:
Kingspan single skin for temporary roof weathering
150mm LGS roof joists (GF Module Roof Structure)
150mm Service cavity formed with MF Ceiling
12.5mm Standard Plasterboard Ceiling

FLOOR:
15mm Selected floor finish on
18mm OSB3 Deck
200mm LGS Floor joists
200mm Rockwool Rollbatt between joists
Izoperm Plus Membrane
75mm PIR Insulation
12mm Fibre Cement Board

EXTERNAL WALL:
Brick Slip or Render Finish
120mm EPS White Insulation
12mm Fibre Cement Board
25mm Cavity Vertical Z Channel
12.5mm Siniat GTEC Weather Defence Board
100mm LGS Frame @ 600 C/E/S
100mm Rockwool rollbatt between studs
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL BETWEEN UNITS (DOUBLE):
FD60min
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Filled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL INTERNAL (DOUBLE):
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Filled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

INTERNAL PARTITIONS:
12.5mm Standard Plasterboard
75mmx1.2mm LGS with 70mm Isover Acoustic roll
12.5mm Standard Plasterboard

FIRE SPECIFICATION:

- █ 60 minutes fire resistance rating
- █ 30 minutes fire resistance rating

REV	BY	DESCRIPTION	DATE
C1	VL	IFC External Windows and Doors	27/10/2023
P05	RS	Updates	11/09/2023
P04	RS	Details Comments	18/08/2023
P03	RS	Revision Issues + Comments	15/08/2023
P02	VL	Block Alignment and Setting Out	11/08/2023

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CLIENT:

SISK

PROJECT:

2-Storey URMH

DRAWING TITLE:

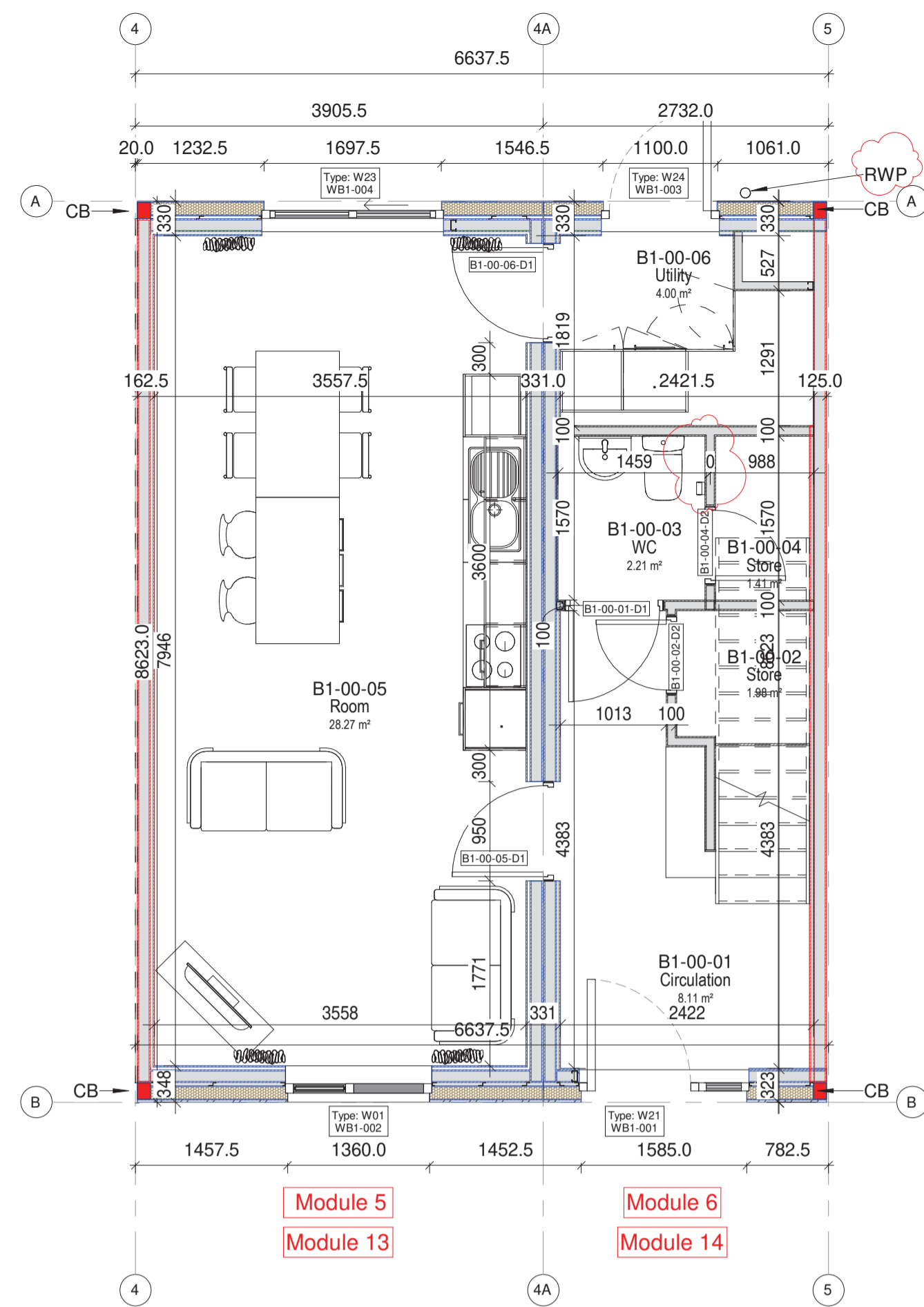
1152-Block Plans - Block 1

DATE: 27/10/2023 DRAWN BY: VL CHECKED BY: PM

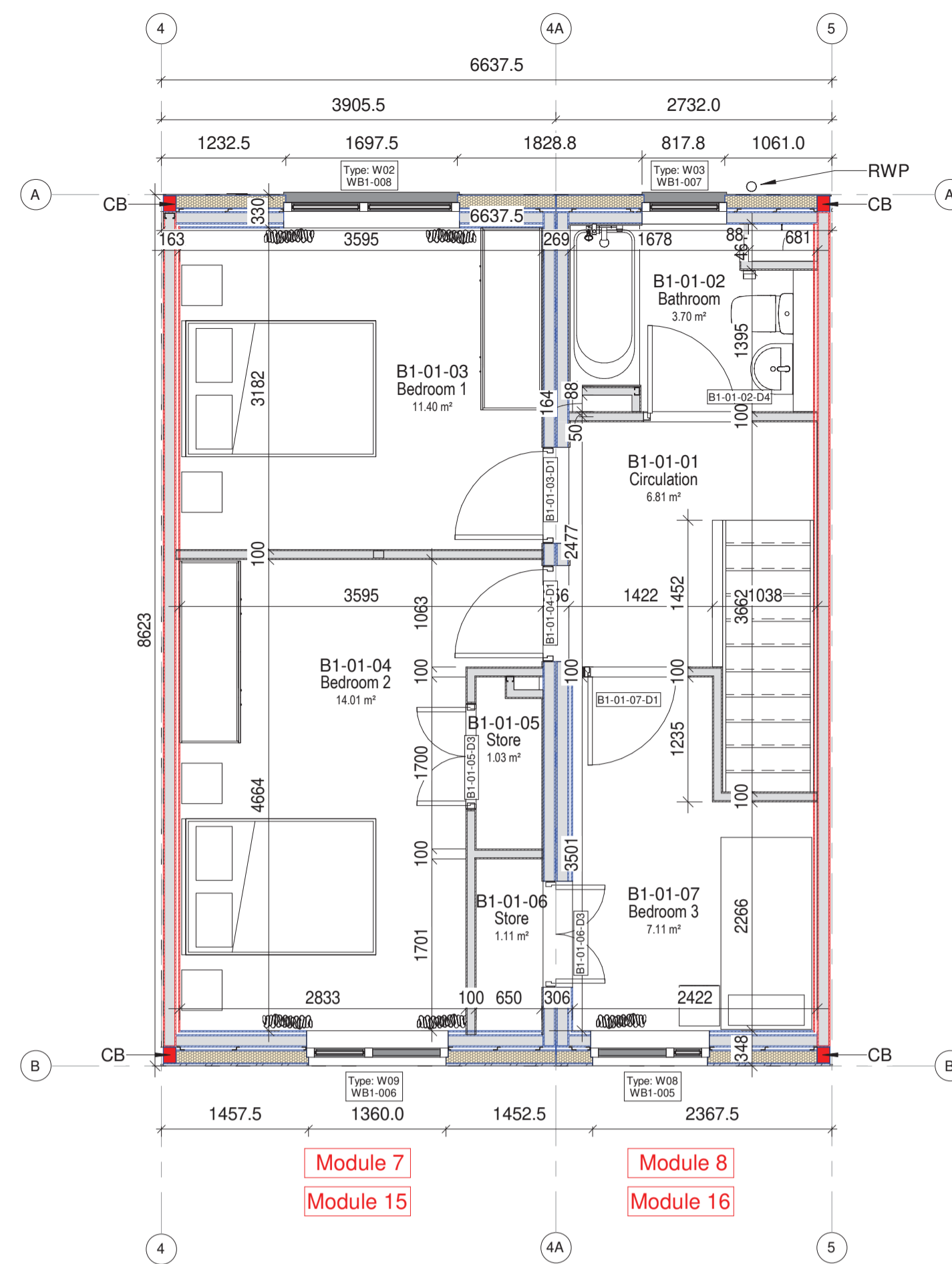
SCALE @ A1: As indicated PROJECT Nº: 2313 REVISION: C1

DRAWING NO:

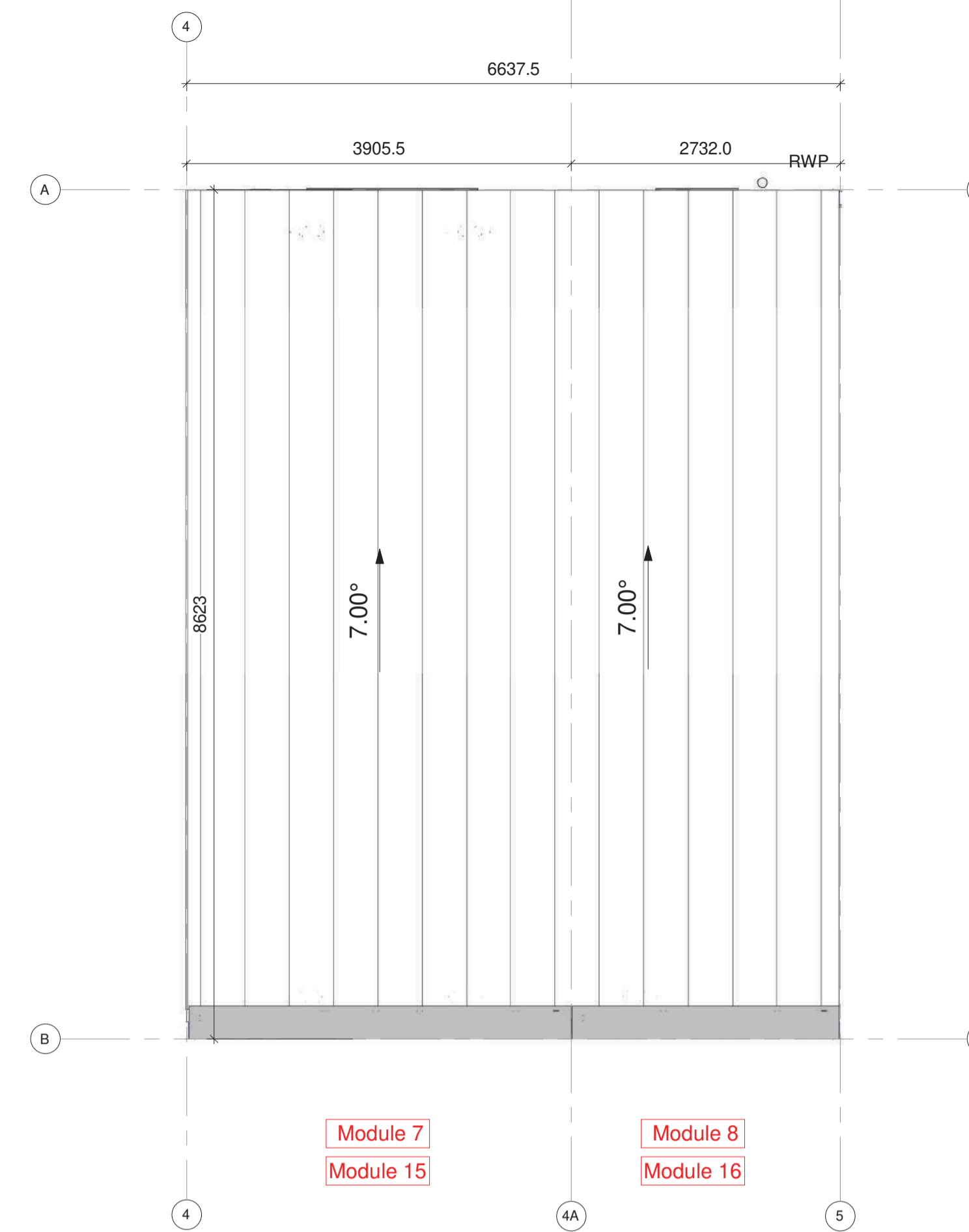
2313- FSS- XX- XX- DR- X- 1152



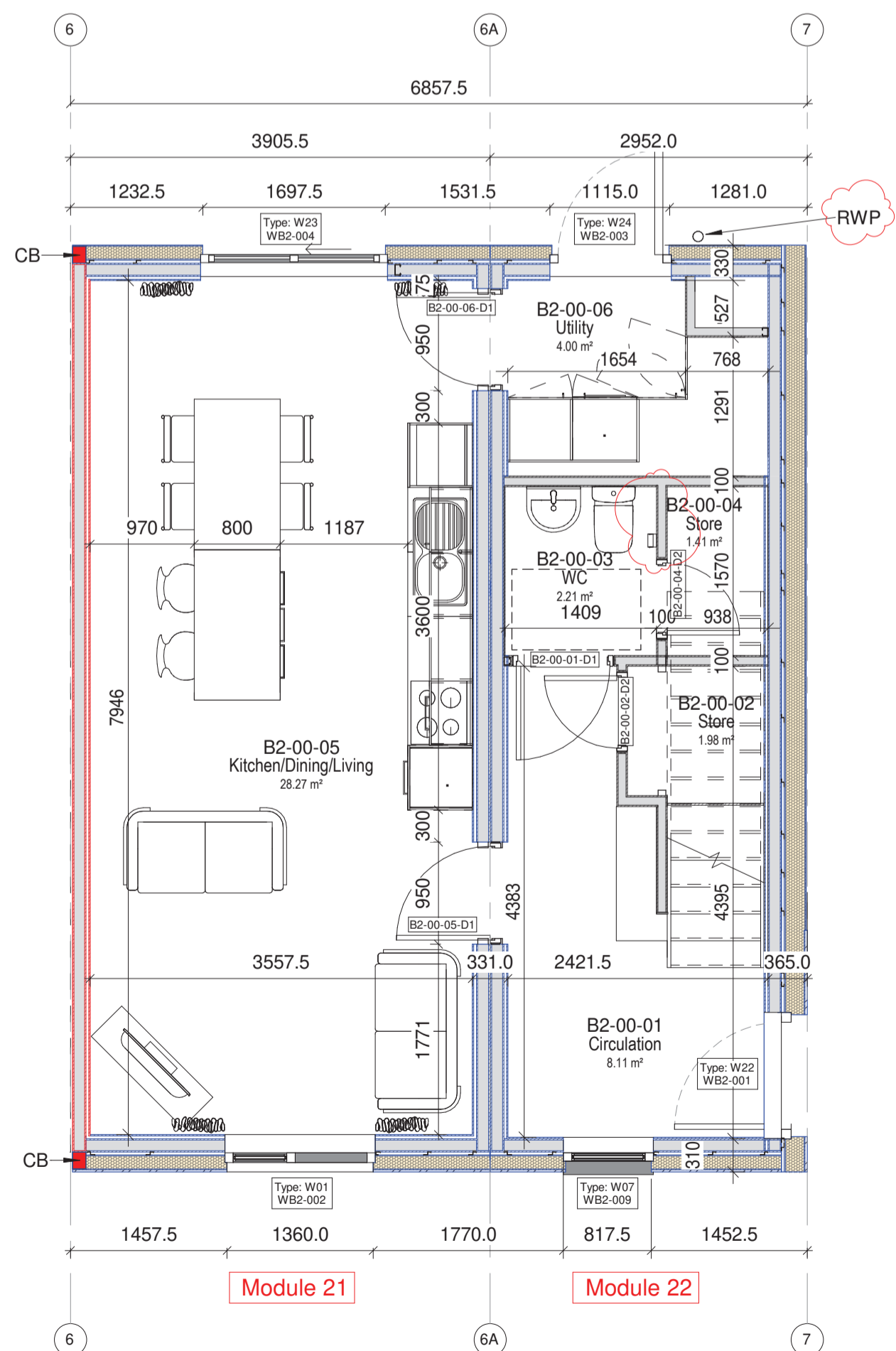
TYPE B1 - Ground Floor Plan - Typical / Mid Terrace
1 : 50



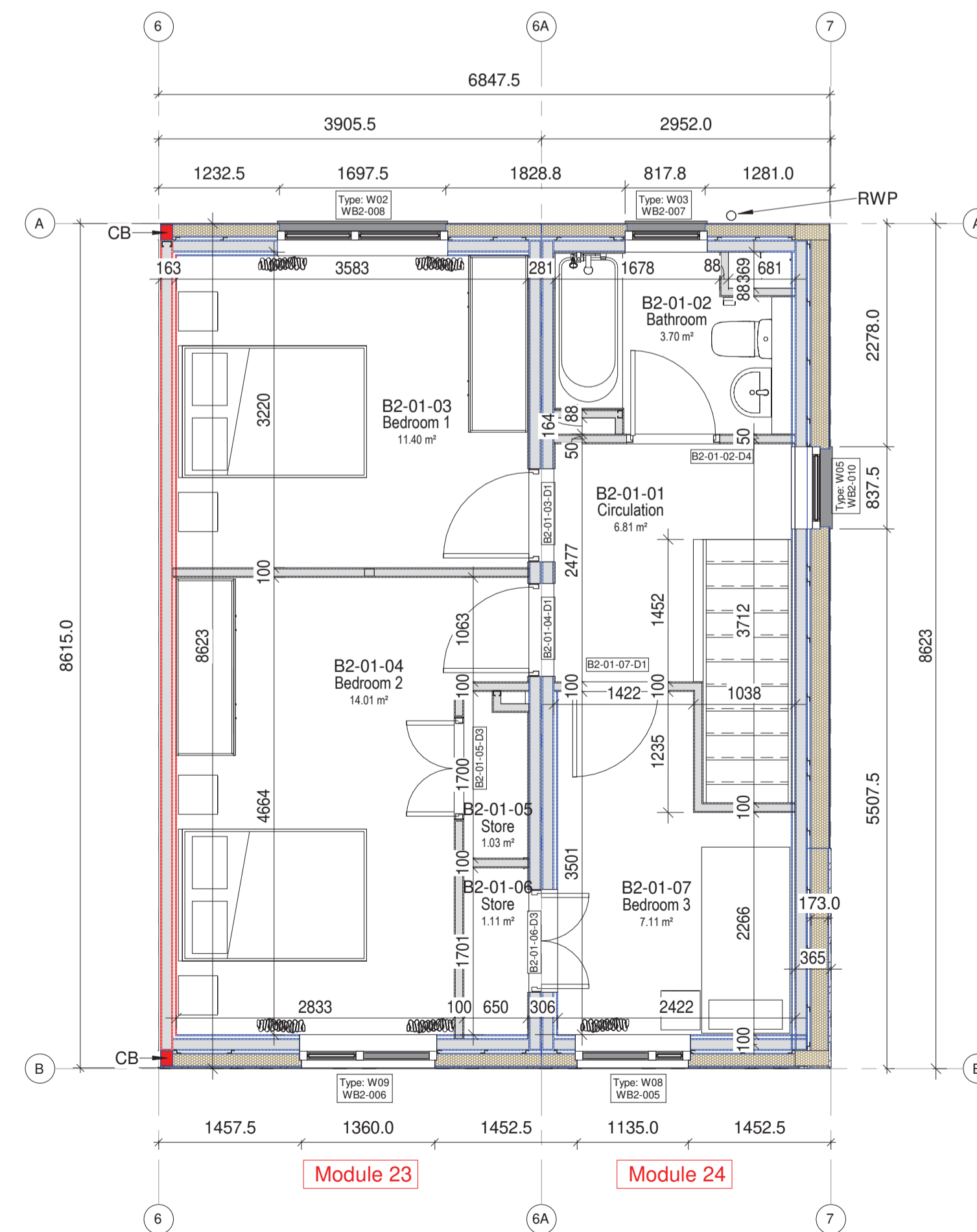
TYPE B1 - First Floor Plan - Typical / Mid Terrace
1 : 50



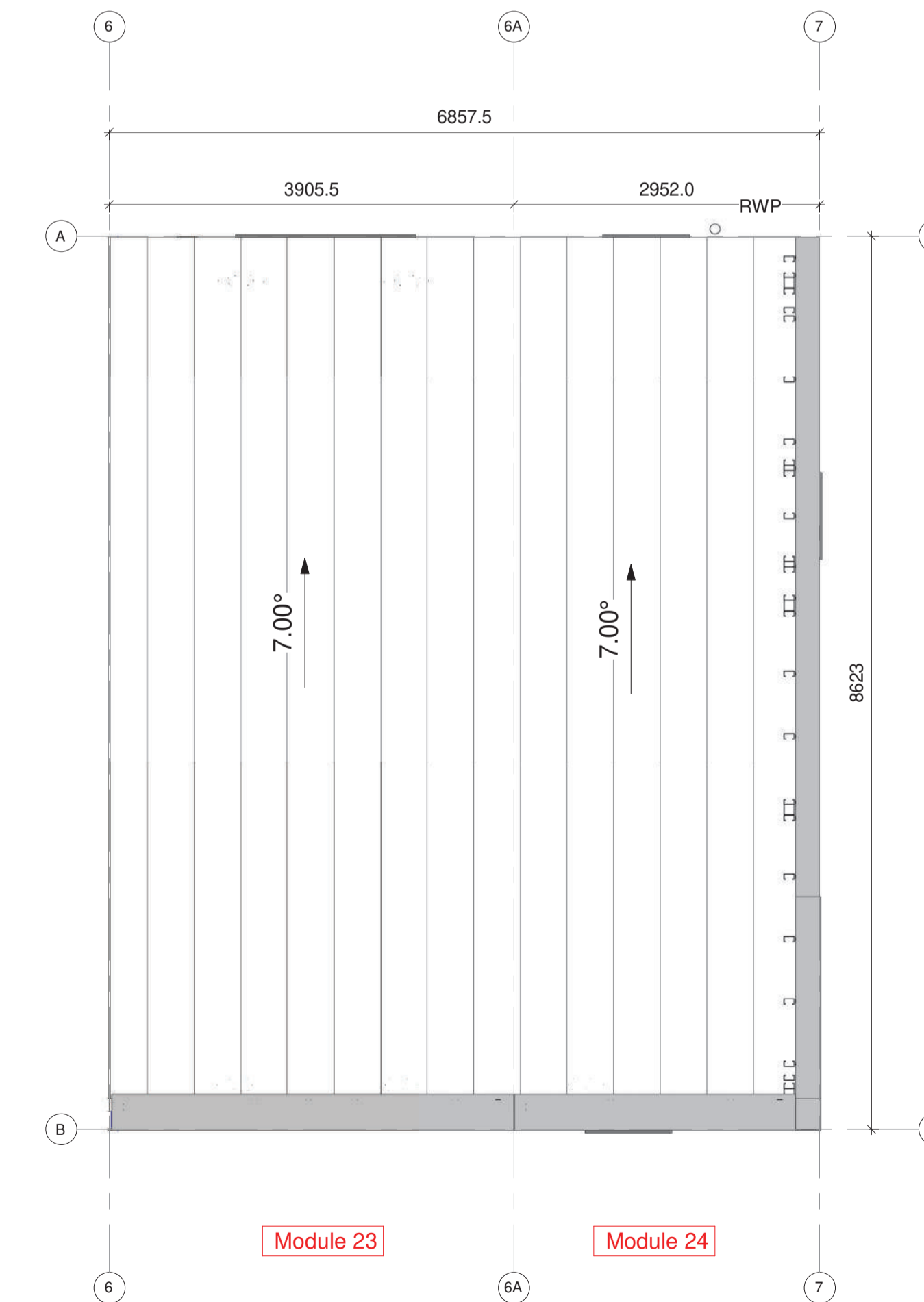
TYPE B1 - Roof Plan - Typical / Mid Terrace
1 : 50



TYPE B2 - Ground Floor Plan - Active Gable
1 : 50



TYPE B2 - First Floor Plan - Active Gable
1 : 50



TYPE B2 - Roof Plan - Active Gable
1 : 50

SPECIFICATION:

ROOF:
Kalzip Standing Seam on
Exoperm 150 Membrane on
12mm WeatherKern Fibre Cement Board
100mm PIR insulation on
Technolast VB-500 VCL
12mm Versaroc Fibre Cement Board
150mm LGS Frame Roof joists
25mm MFS TopHat @400mm c/c
12.5mm Standard plasterboard

INTERMEDIATE FLOOR:
1F Module Floor:
15mm Selected floor finish on
18mm Ply
200mm LGS Floor joists (1F Module Floor Structure)
100mm Rockwool 22kg/m³ insulation between joists
12.5mm Siniat GTEC Weather Defence Board

GF Module Roof:
Kingspan single skin for temporary roof weathering
150mm LGS Roof joists (GF Module Roof Structure)
150mm Service cavity formed with MF Ceiling
12.5mm Standard Plasterboard Ceiling

FLOOR:
15mm Selected floor finish on
18mm OSB3 Deck
200mm LGS Floor joists
200mm Rockwool Rollbatt between joists
Izoperm Plus Membrane
75mm PIR Insulation
12mm Fibre Cement Board

EXTERNAL WALL:
Brick Slip or Render Finish
120mm EPS White Insulation
12mm Versaroc Fibre Cement Board
25mm Cavity Vertical Z Channel
12.5mm Siniat GTEC Weather Defence Board
100mm LGS Frame @ 600 C/ES
100mm Rockwool rollbatt between studs
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL BETWEEN UNITS (DOUBLE):
F500min
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Filled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL INTERNAL (DOUBLE):
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Filled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

INTERNAL PARTITIONS:
12.5mm Standard Plasterboard
75mmx1.2mm LGS with 70mm Isover Acoustic roll
12.5mm Standard Plasterboard

FIRE SPECIFICATION:

- 60 minutes fire resistance rating
- 30 minutes fire resistance rating

REV.	BY:	DESCRIPTION:	DATE:
C1	RS	IFC	31/10/2023
P01	RS	Details Comments	18/08/2023

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CUSTOMER:

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PROJECT:
2-Storey URMH

DRAWING TITLE:
1157-GA Plans - Types B1/B2

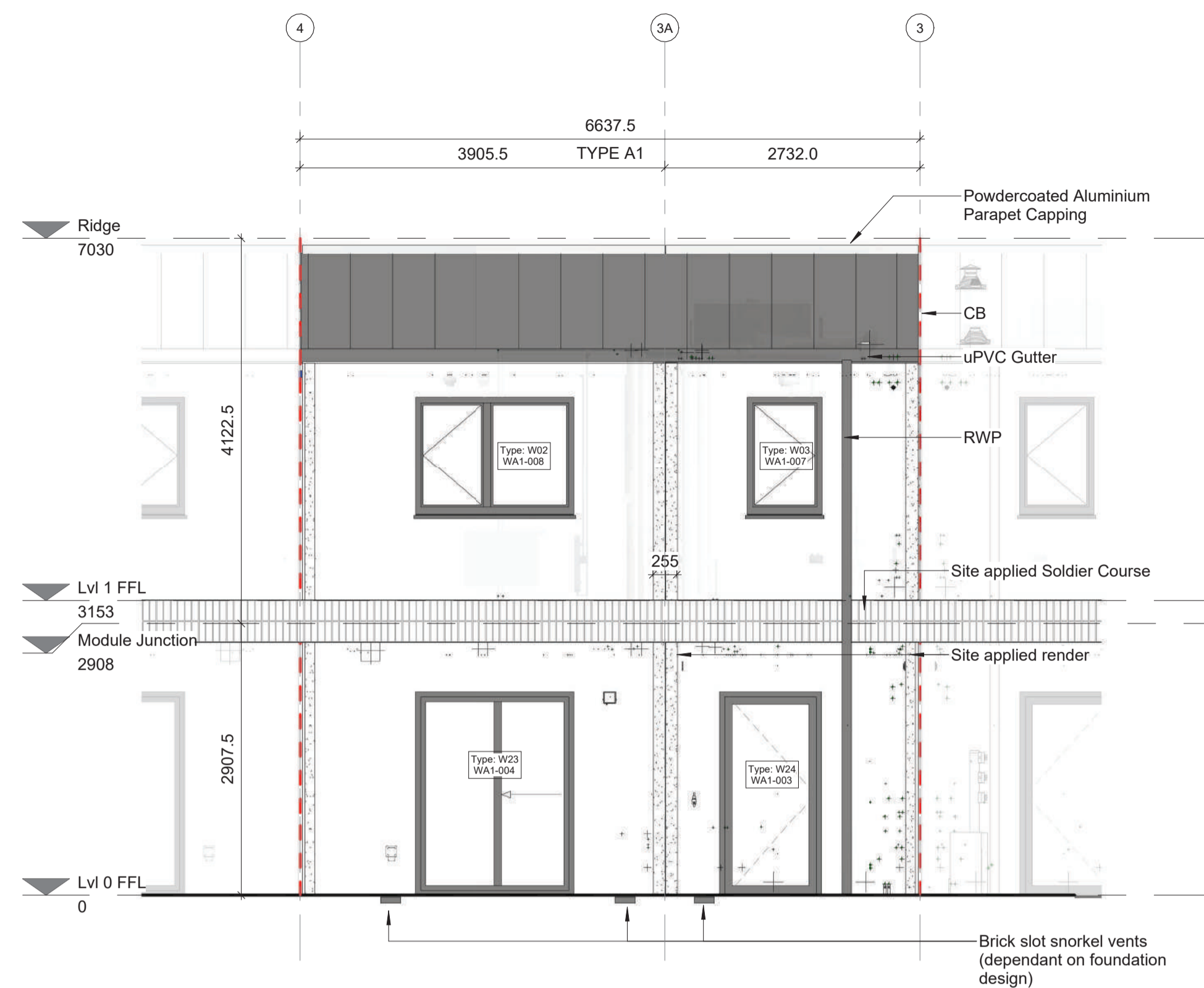
DATE: 31/10/2023 DRAWN BY: RS CHECKED BY: PM

SCALE @ A1: 1 : 50 PROJECT N°: 2313 REVISION: C1

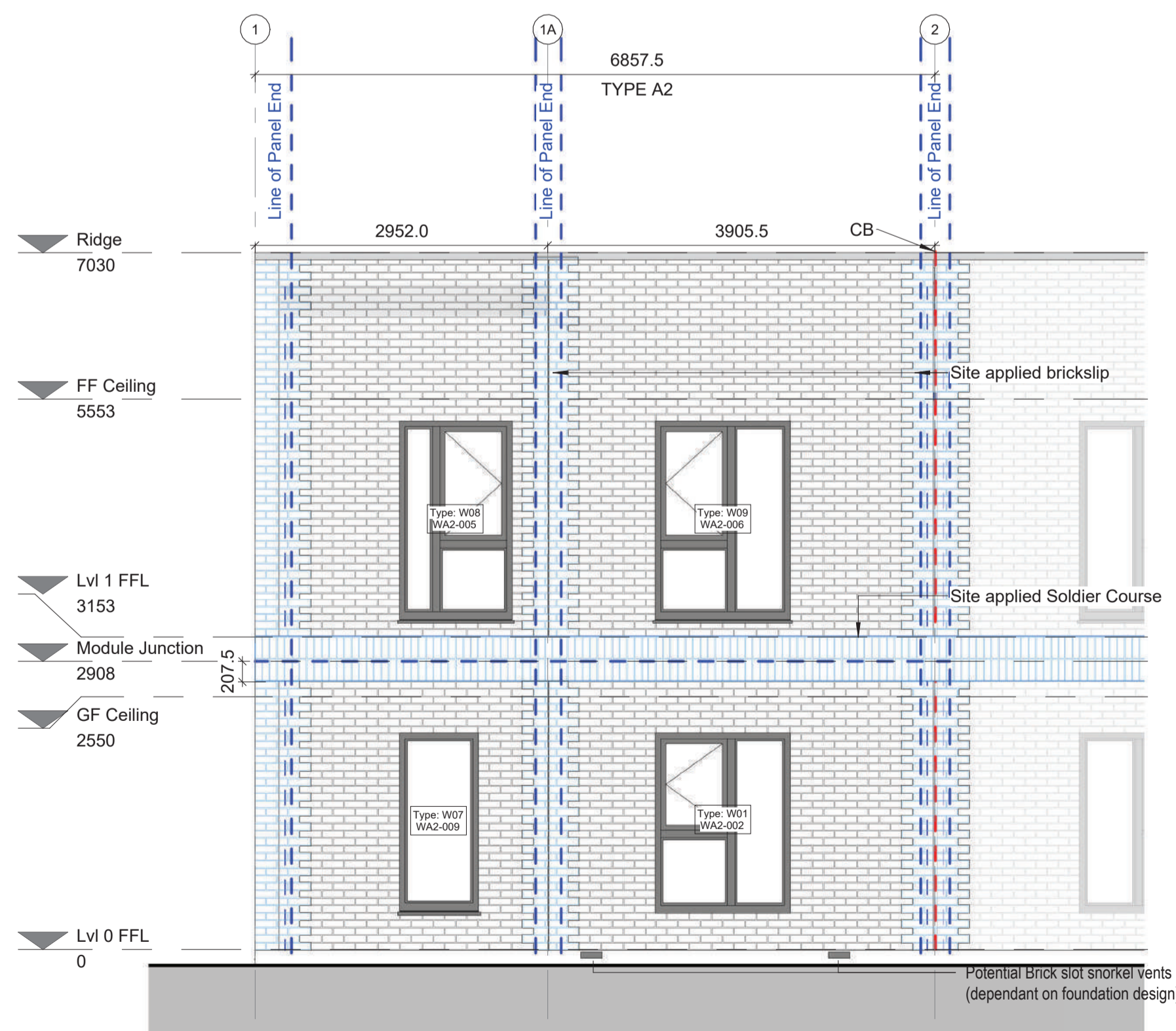
DRAWING NO.: 2313- FSS- XX- XX- DR- X- 1157



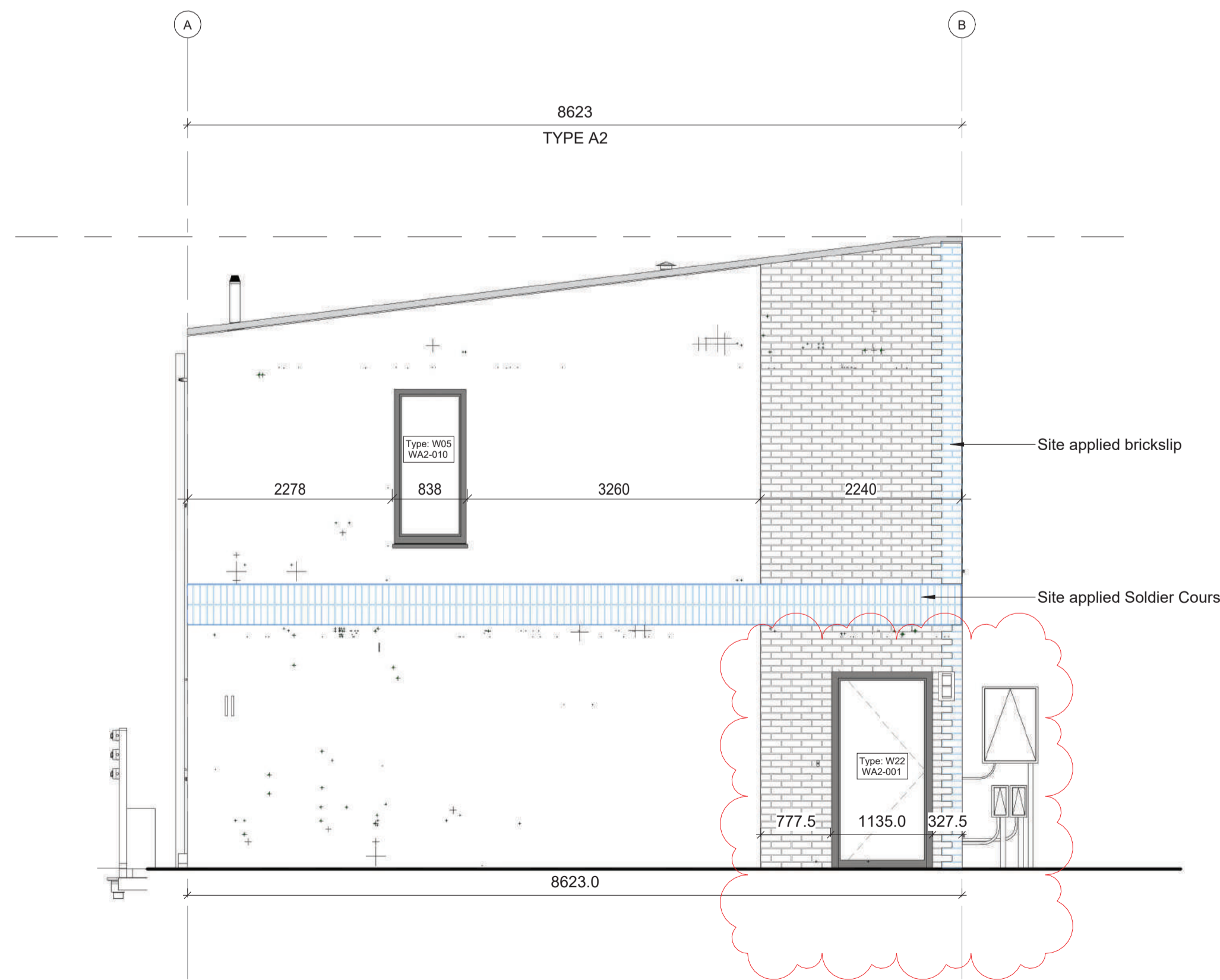
A1-F ELE-TYP-A1-FRONT ELEVATION-MID TERRACE
1:50



A1-R ELE-TYP-A1-REAR ELEVATION-MID TERRACE
1:50



A2-F ELE-TYP-A2-FRONT ELEVATION-ACTIVE GABLE
1:50



A2-S ELE-TYP-A2-SIDE ELEVATION-ACTIVE GABLE
1:50

SPECIFICATION:

ROOF:
Kalzip Standing Seam on
Exoperm 150 Membrane on
12mm WeatherKem Fibre Cement Board on
100mm PIR Insulation on
Technoelast VB-500 VCL
12mm Versaroc Fibre Cement Board
150mm LGS Frame Roof Joists
25mm MF5 TopHat @400mm c/c
12.5mm Standard plasterboard

INTERMEDIATE FLOOR:

1F Module Floor:
15mm Selected floor finish on
18mm Ply
200mm LGS Floor joists (1F Module Floor Structure)
100mm Rockwool 22kg/m³ insulation between joists
12.5mm Siniat GTEC Weather Defence Board

GF Module Roof:
Kingspan single skin for temporary roof weathering
150mm LGS Roof joists (GF Module Roof Structure)
150mm Service cavity formed with MF Ceiling
12.5mm Standard Plasterboard Ceiling

FLOOR:

15mm Selected floor finish on
18mm OSB3 Deck
200mm LGS Floor joists
200mm Rockwool Rollbatt between joists
Izoperm Plus Membrane
75mm PIR Insulation
12mm Fibre Cement Board

EXTERNAL WALL:

Brick Slip or Render Finish
120mm EPS White Insulation
12mm Fibre Cement Board
25mm Cavity Vertical Z Channel
12.5mm Siniat GTEC Weather Defence Board
100mm LGS Frame @ 600 C/E'S
100mm Rockwool rollbatt between studs
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL BETWEEN UNITS (DOUBLE):

FD60min
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Fulfilled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL INTERNAL (DOUBLE):

12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Fulfilled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

INTERNAL PARTITIONS:

12.5mm Standard Plasterboard
75mmx1.2mm LGS with 70mm Isover Acoustic roll
12.5mm Standard Plasterboard

FIRE SPECIFICATION:

- 60 minutes fire resistance rating
- 30 minutes fire resistance rating

REV	BY	DESCRIPTION	DATE
C1	RS	IFC	31/10/2023
P05	RS	Updates	11/09/2023
P04	RS	Details Comments	18/08/2023
P03	RS	Revision Clouds + Comments	15/08/2023
P02	VL	Brick Alignment and Setting Out	11/08/2023

DRAWING STATUS:

CONSTRUCTION



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PROJECT:
2-Storey URMH

DRAWING TITLE:

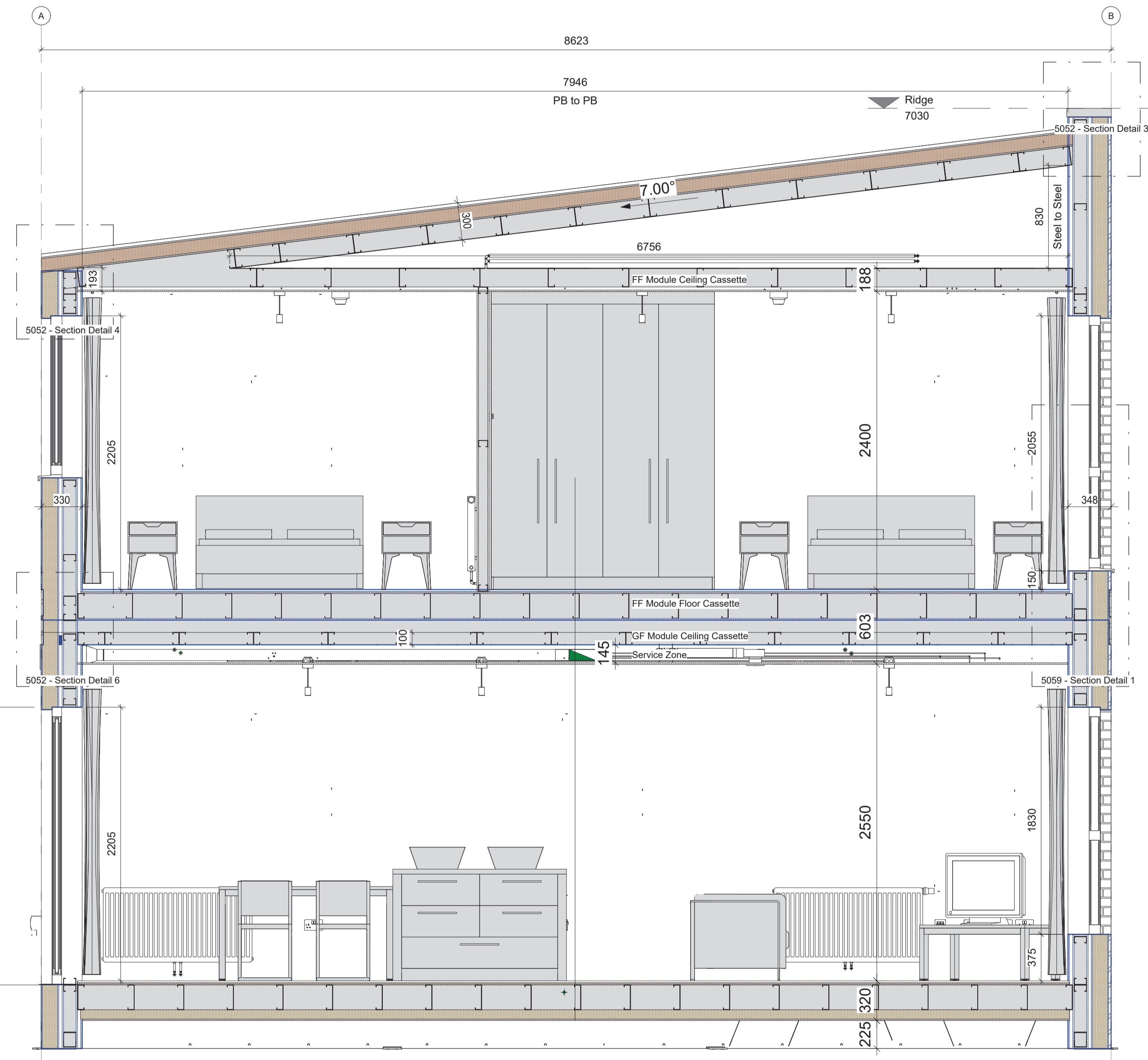
2051-GA Elevations - Types A1/A2

DATE: 31/10/2023 DRAWN BY: VL CHECKED BY: PM

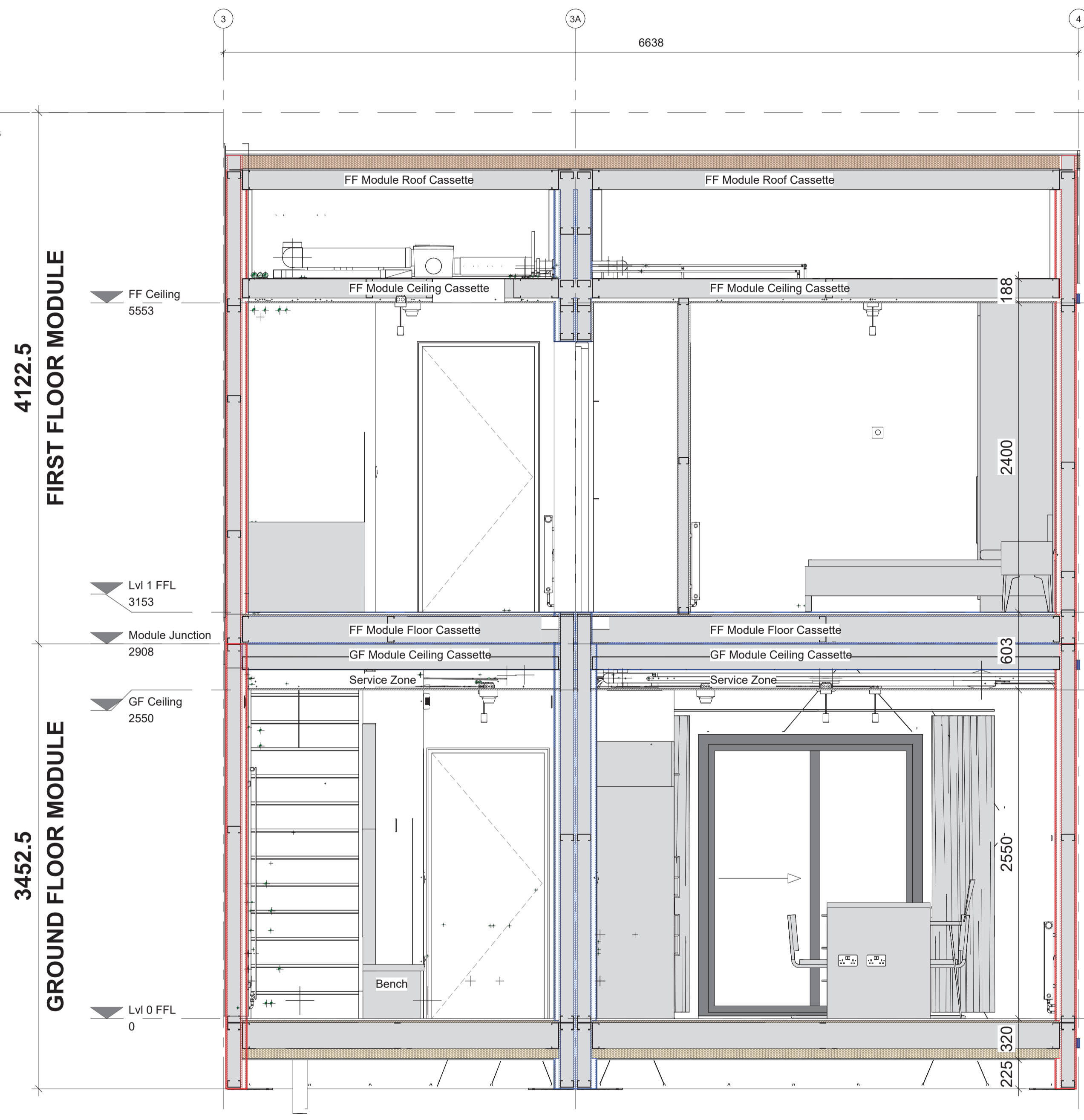
SCALE @ A1: 1:50 PROJECT #: 2313 REVISION: C1

DRAWING NO:

2313- FSS- XX- XX- DR- X- 2051



SEC-TYP-A-SECTION 1-TYPICAL
1 : 25



SEC-TYP-A-SECTION 2-TYPICAL
1 : 25

SPECIFICATION:

ROOF:
Kaltzip Standing Seam on
Exoperm 150 Membrane on
12mm WeatherKern Fibre Cement Board on
100mm PIR Insulation on
Technoelast VB-500 VCL
12mm Versaroc Fibre Cement Board
150mm LGS Frame Roof joists
25mm MF5 TopHat @400mm c/c
12.5mm Standard Plasterboard

INTERMEDIATE FLOOR:
1F Module Floor:
15mm Selected floor finish on
18mm Ply
200mm LGS Floor joists (1F Module Floor Structure)
100mm Rockwool 22kg/m³ insulation between joists
12.5mm Siniat GTEC Weather Defence Board

GF Module Roof:
Kingspan single skin for temporary roof weathering
150mm LGS Roof joists (GF Module Roof Structure)
150mm Service cavity formed with MF Ceiling
12.5mm Standard Plasterboard Ceiling

FLOOR:
15mm Selected floor finish on
18mm OSB3 Deck
200mm LGS Floor joists
200mm Rockwool Rollbatt between joists
Izoperm Plus Membrane
75mm PIR Insulation
12mm Fibre Cement Board

EXTERNAL WALL:
Brick Slip or Render Finish
120mm EPS White Insulation
12mm Fibre Cement Board
25mm Cavity Vertical Z Channel
12.5mm Siniat GTEC Weather Defence Board
100mm LGS Frame @ 600 C/E/S
100mm Rockwool rollbatt between studs
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL BETWEEN UNITS (DOUBLE):
FD60min
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Fulfilled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

PARTY WALL INTERNAL (DOUBLE):
12.5mm Siniat GTEC Weather Defence Board
100mmx1.2mm LGS Fulfilled with Rockwool rollbatt
12.5mm Siniat GTEC Weather Defence Board
25mm Service Cavity Horizontal Top Hats @ 450 c/c
12.5mm Standard Plasterboard

INTERNAL PARTITIONS:
12.5mm Standard Plasterboard
75mmx1.2mm LGS with 70mm Isover Acoustic roll
12.5mm Standard Plasterboard

FIRE SPECIFICATION:

60 minutes fire resistance rating

30 minutes fire resistance rating

REV.	BY:	DESCRIPTION:	DATE:
C1	RS	IFC	31/10/2023
P04	RS	Updates	11/09/2023
P03	RS	Revision Clouds + Comments	15/08/2023
P02	VL	Block Alignment and Setting Out	11/08/2023
P01	VL	Tender	15/06/2023

DRAWING STATUS:
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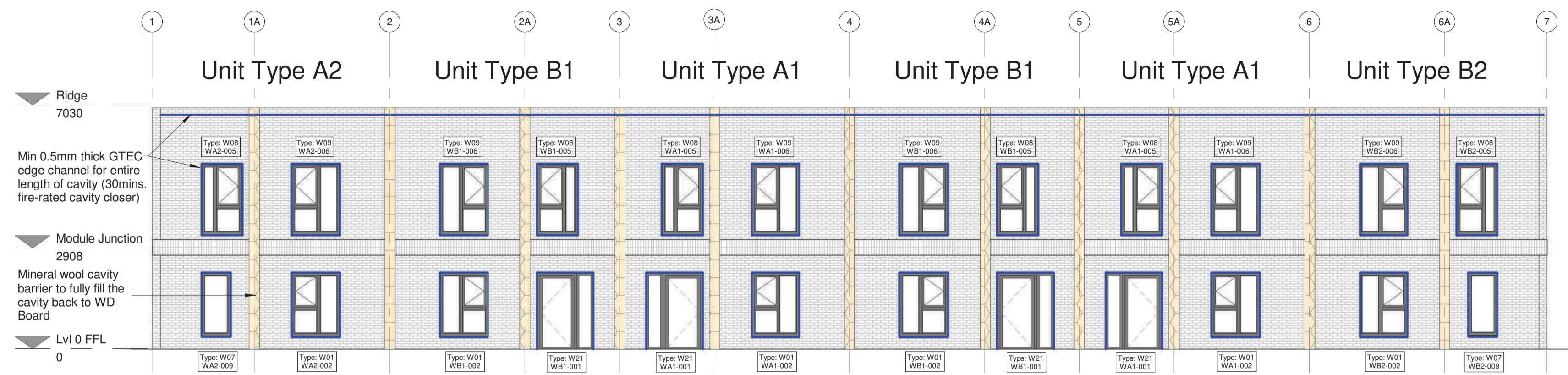
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SISK
PROJECT:
2-Storey URMH

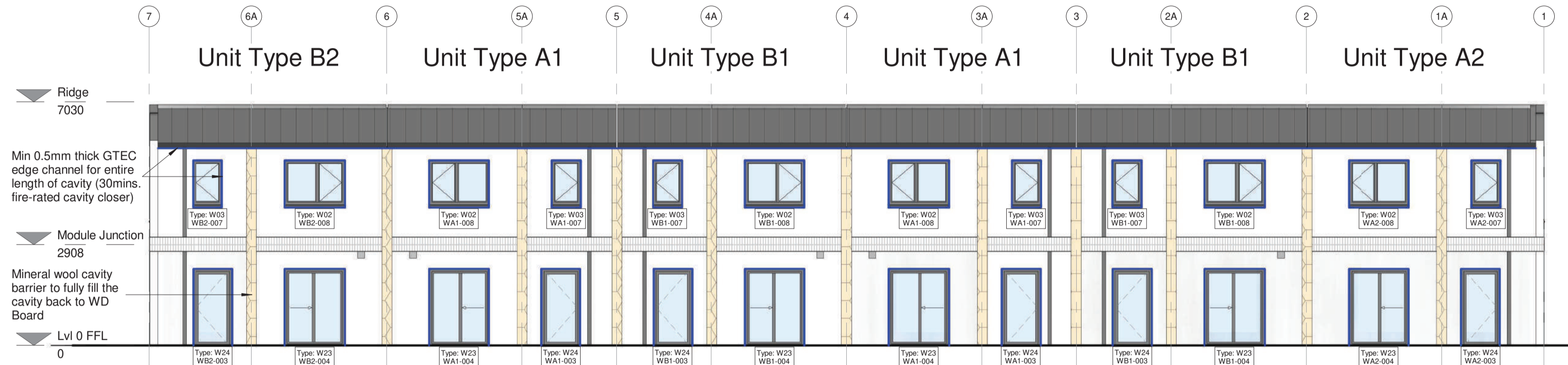
DRAWING TITLE:
2151-GA Sections - Types A1/A2

DATE:	DRAWN BY:	CHECKED BY:
31/10/2023	VL	PM
SCALE @ A1:	PROJECT N°:	REVISION
As indicated	2313	C1

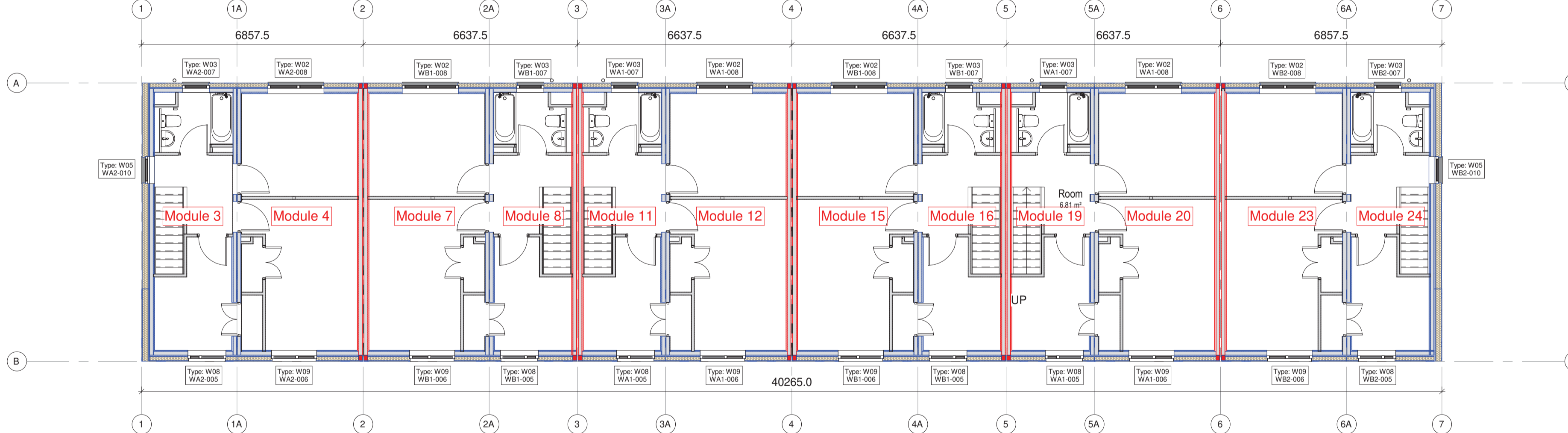
DRAWING NO:
2313- FSS- XX- XX- DR- X- 2151



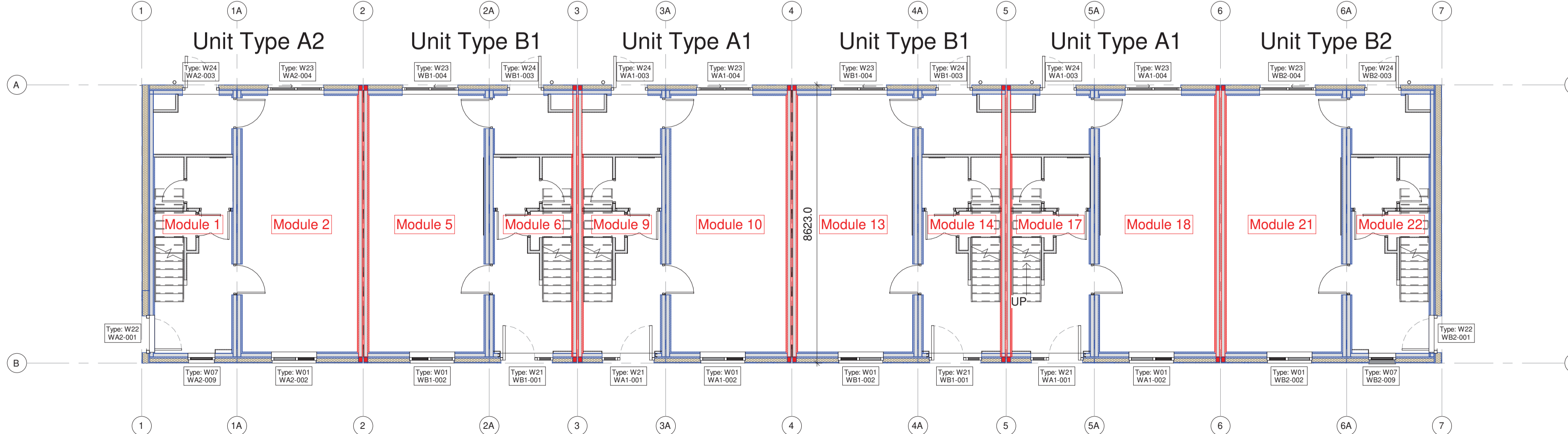
Block 1 - Front Elevation
1 : 100



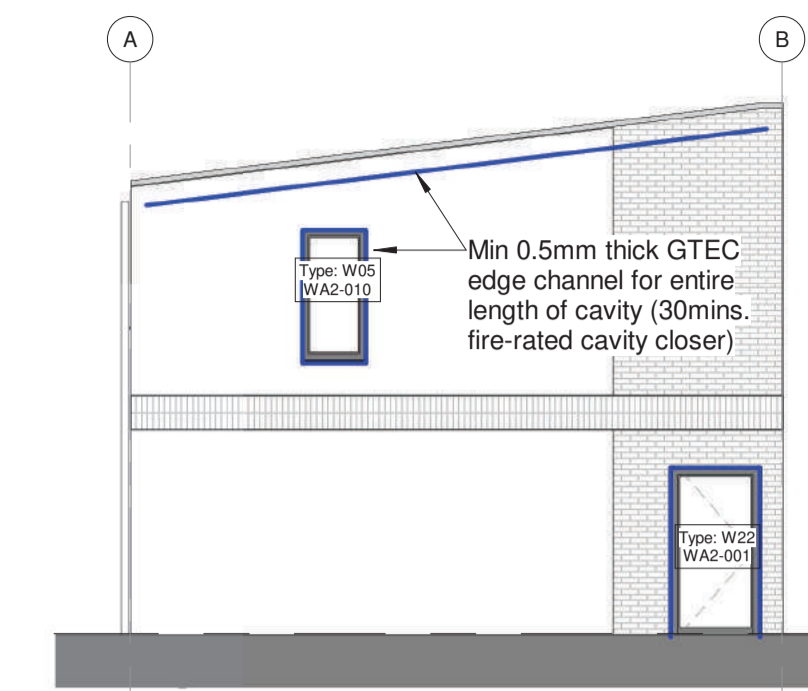
Block 1 Rear Elevation
1 : 100



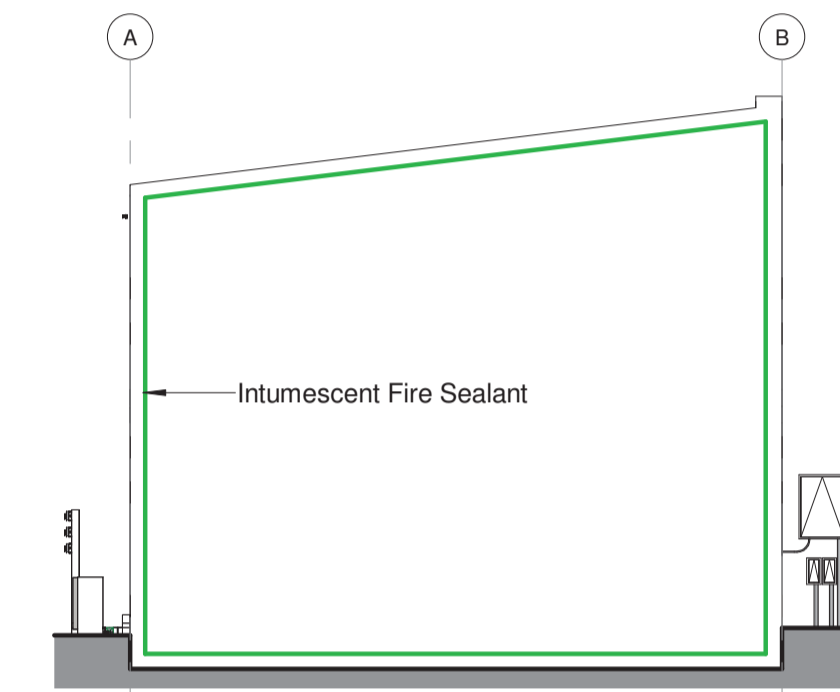
Block 1 - First Floor Plan Copy 1
1 : 100



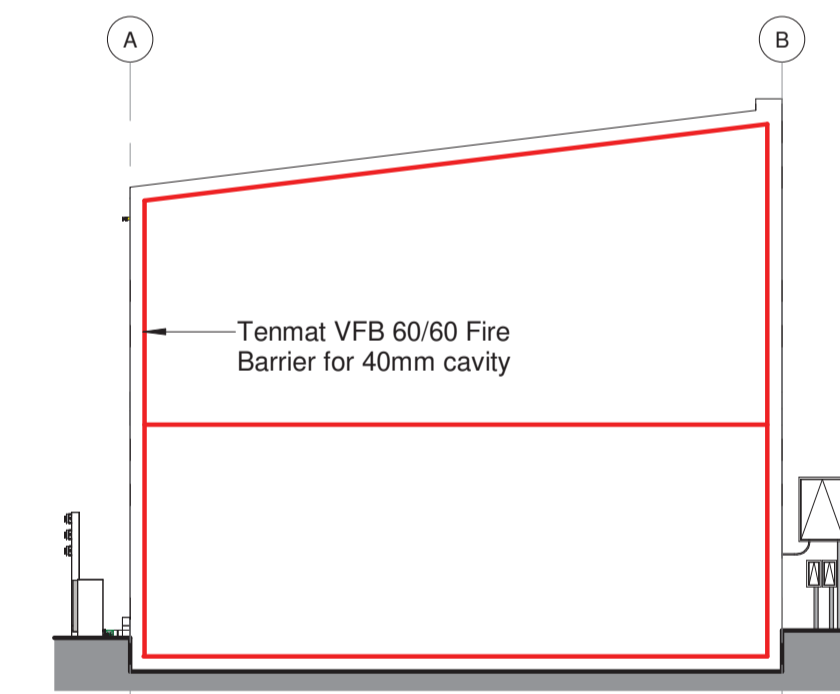
Block 1 - Ground Floor Plan Copy 1
1 : 100



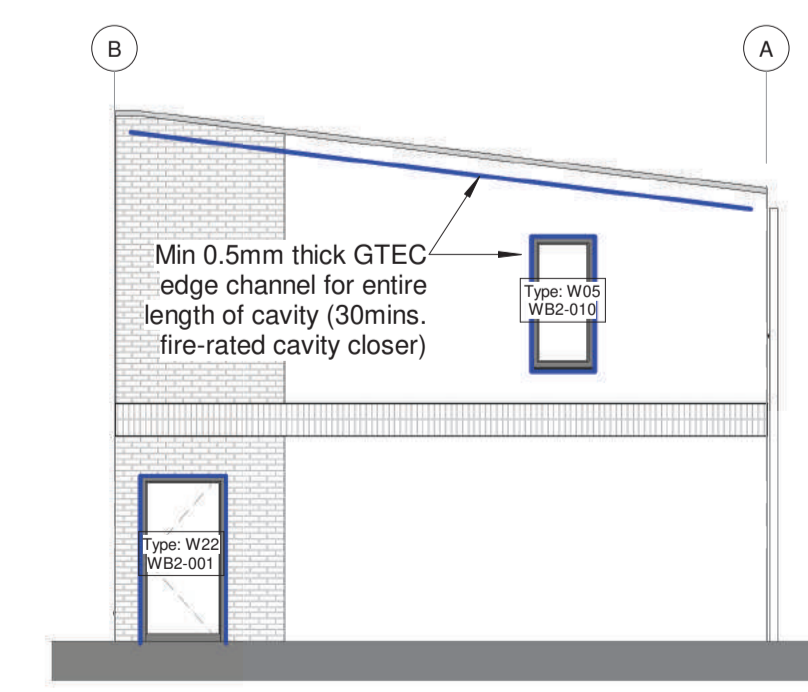
Block 1 - Side Elevation A2
1 : 100



Block 1 - Internal Wall Elevation
1 : 100 Gridlines 1A - 2A - 3A - 4A - 5A - 6A



Block 1 - Party Wall Elevation
1 : 100 Gridlines 2 - 3 - 4 - 5 - 6



Block 1 - Side Elevation B2
1 : 100

FIRE SPECIFICATION:

60 minutes fire resistance rating wall

30 minutes fire resistance rating wall

FIRE BARRIERS:

Tenmat VFB 60/60 Fire Barrier for 40mm cavity

Min 0.5mm thick GTEC edge channel for entire length of cavity and all round windows (30mins. fire-rated cavity closer)

Mineral wool cavity barrier to fully fill the cavity back to Weather Defence Board

Intumescent Fire Sealant

REFER TO DETAILS:

- 2313-FSS-XX-XX-DR-X-5051_Plan Details
- 2313-FSS-XX-XX-DR-X-5052_Section Details
- 2313-FSS-XX-XX-DR-X-5053_Plinth and Threshold
- 2313-FSS-XX-XX-DR-X-5055_External Wall Penetrations
- 2313-FSS-XX-XX-DR-X-5058_Window Details

C01	VL	IFC Fire Barriers	01/12/2023
REV:	BY:	DESCRIPTION:	DATE:

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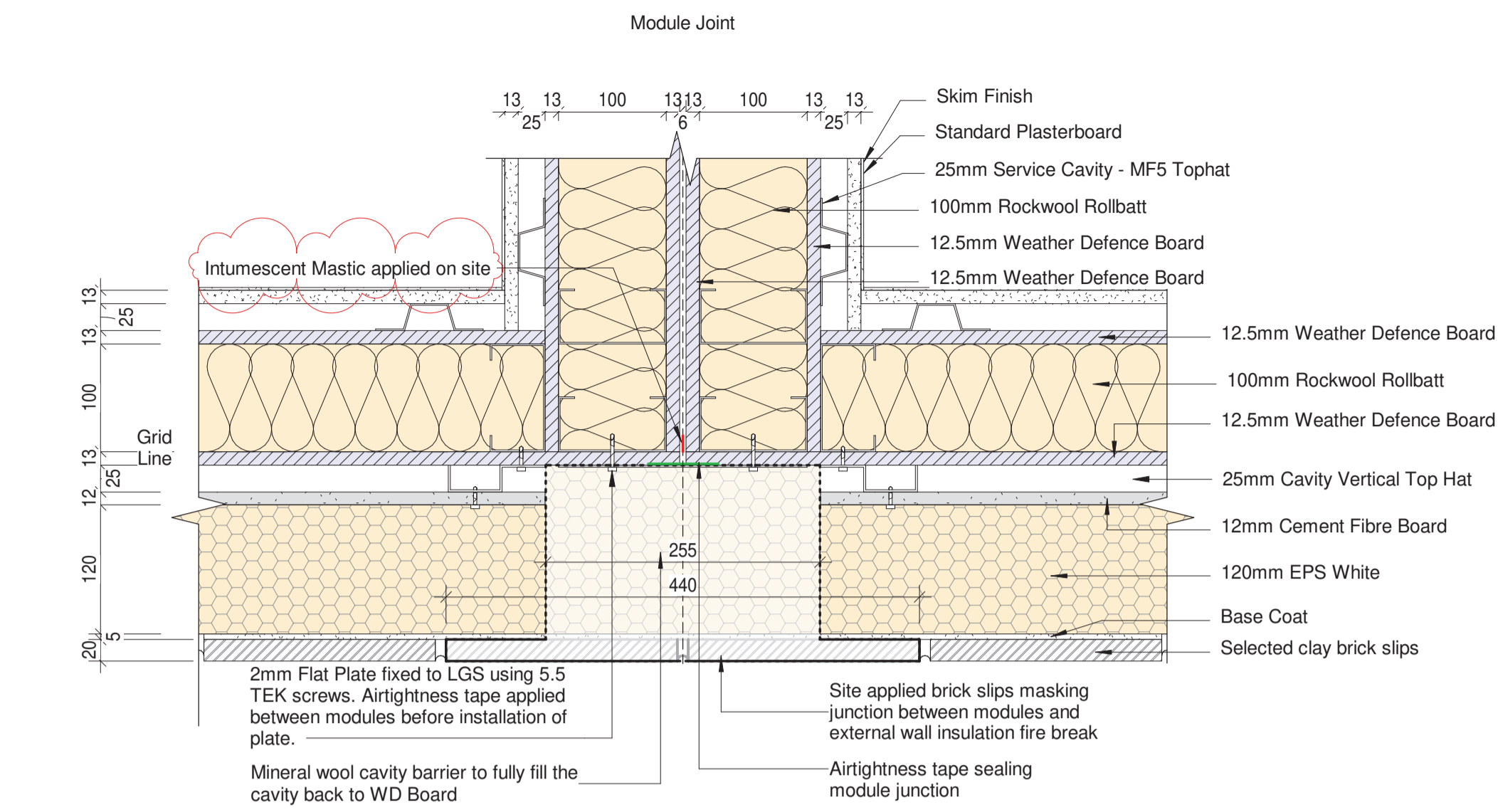
PROJECT:
2-Storey URMH

DRAWING TITLE:
2053-GA Elevations - Fire Barriers

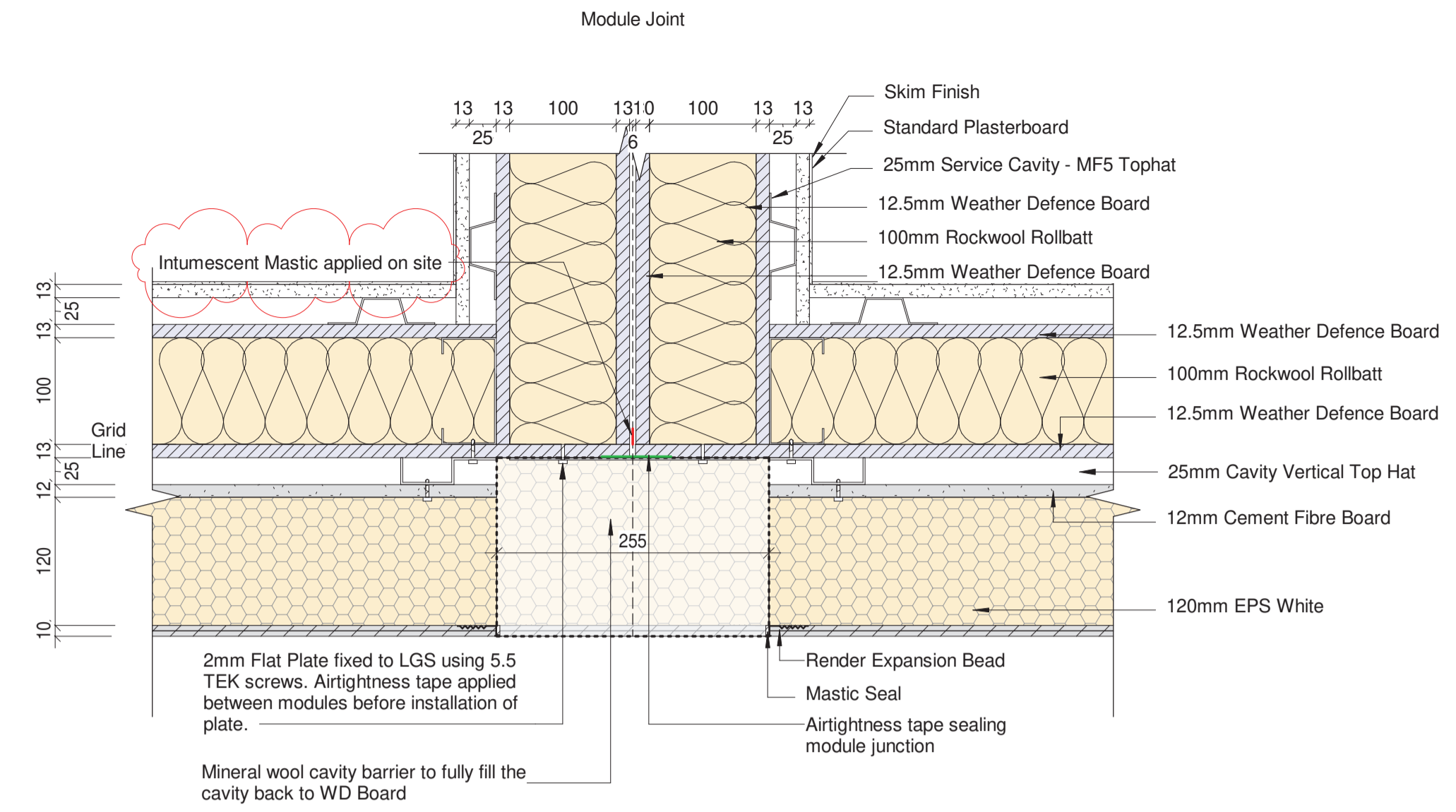
DATE: 01/12/2023 DRAWN BY: VL CHECKED BY: PM

SCALE @ A1: As indicated PROJECT #: 2313 REVISION: C01

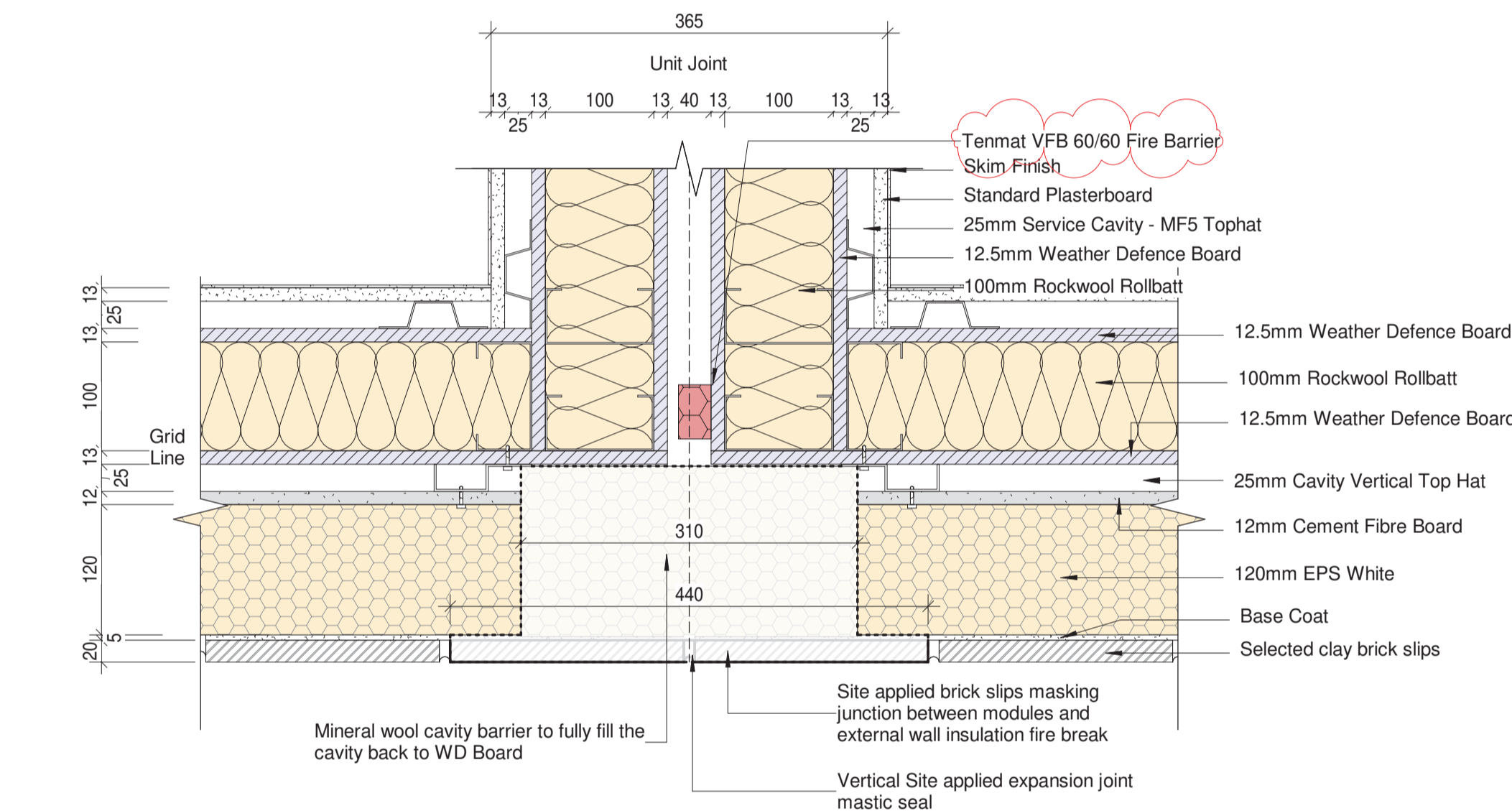
DRAWING NO:
2313- FSS- ZZ- ZZ- DR- X- 2053



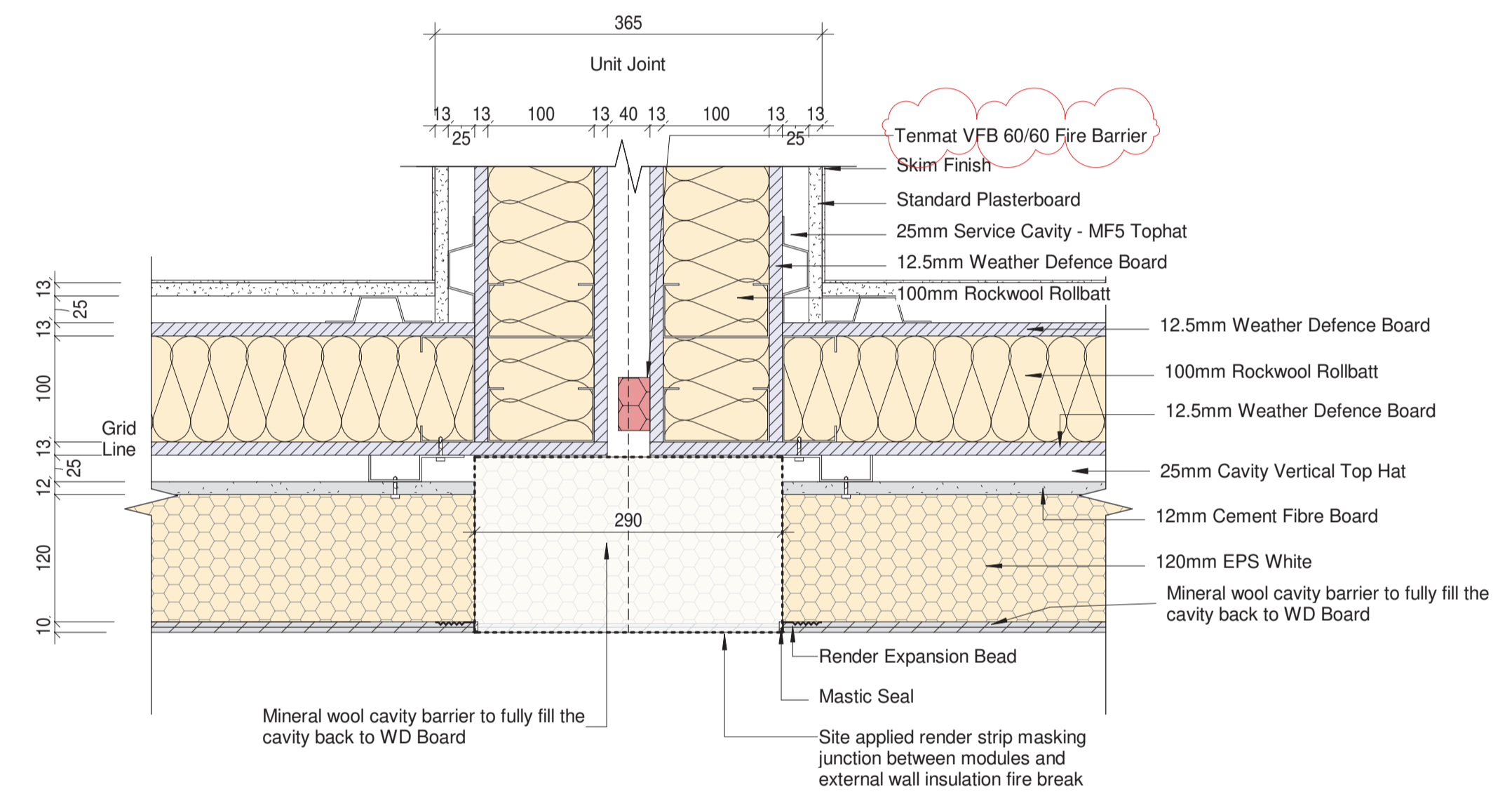
1 Plan Detail- Module Junction-Brick-Internal Wall Module Joint
1:5



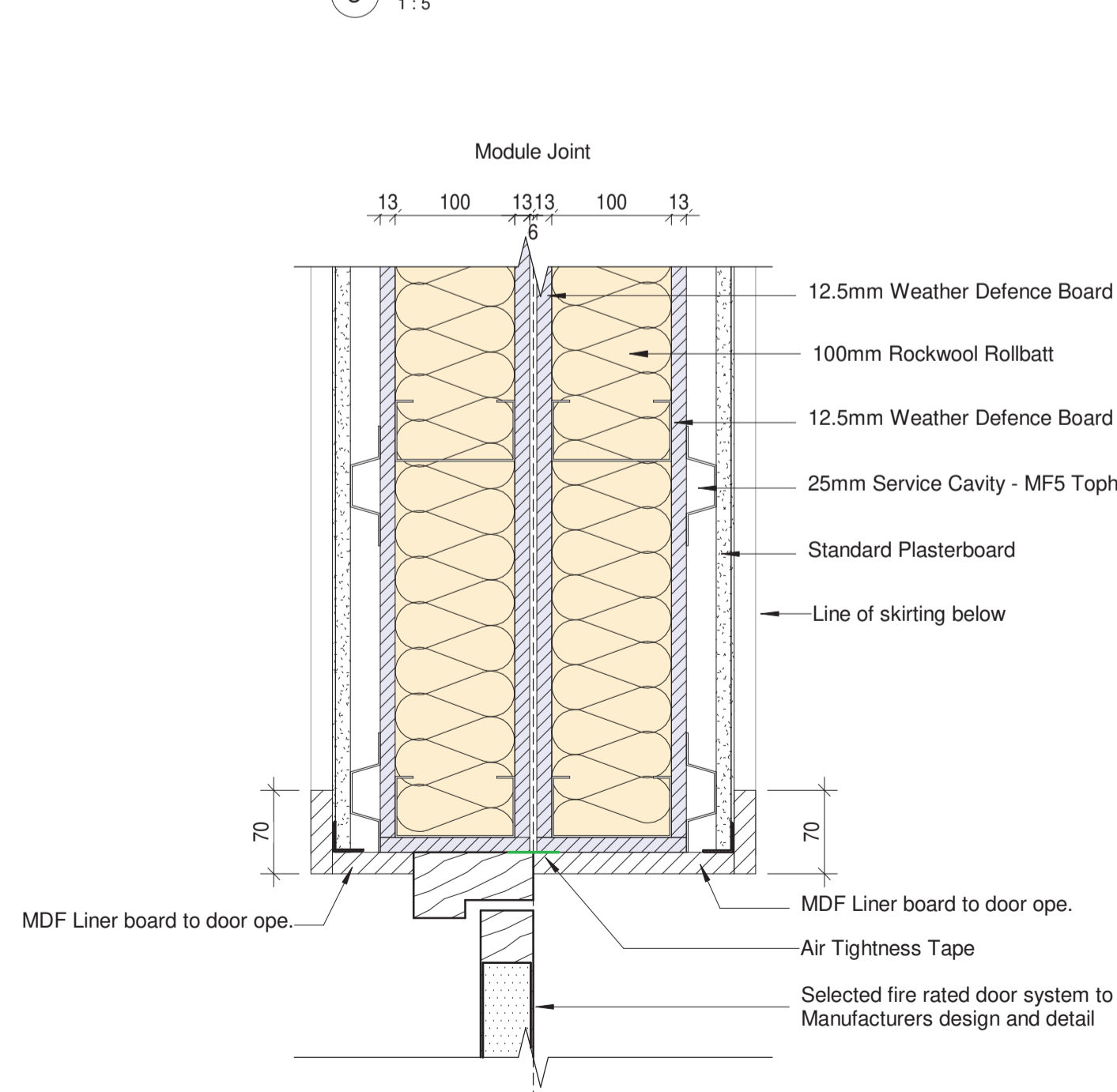
2 Plan Detail- Module Junction-Render-Internal Wall Module Joint
1:5



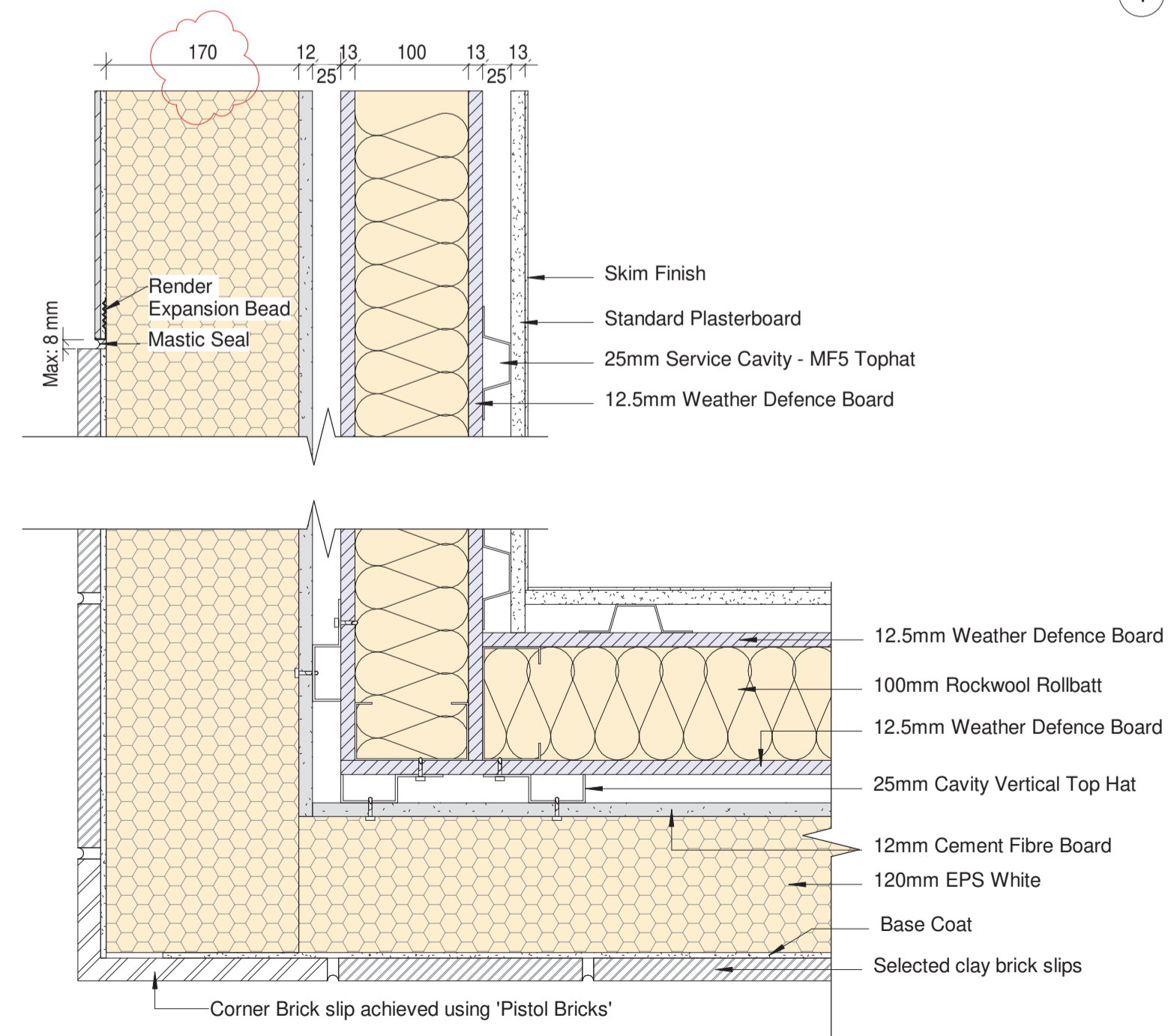
3 Plan Detail- Module Junction-Brick-Party Wall Module Joint
1:5



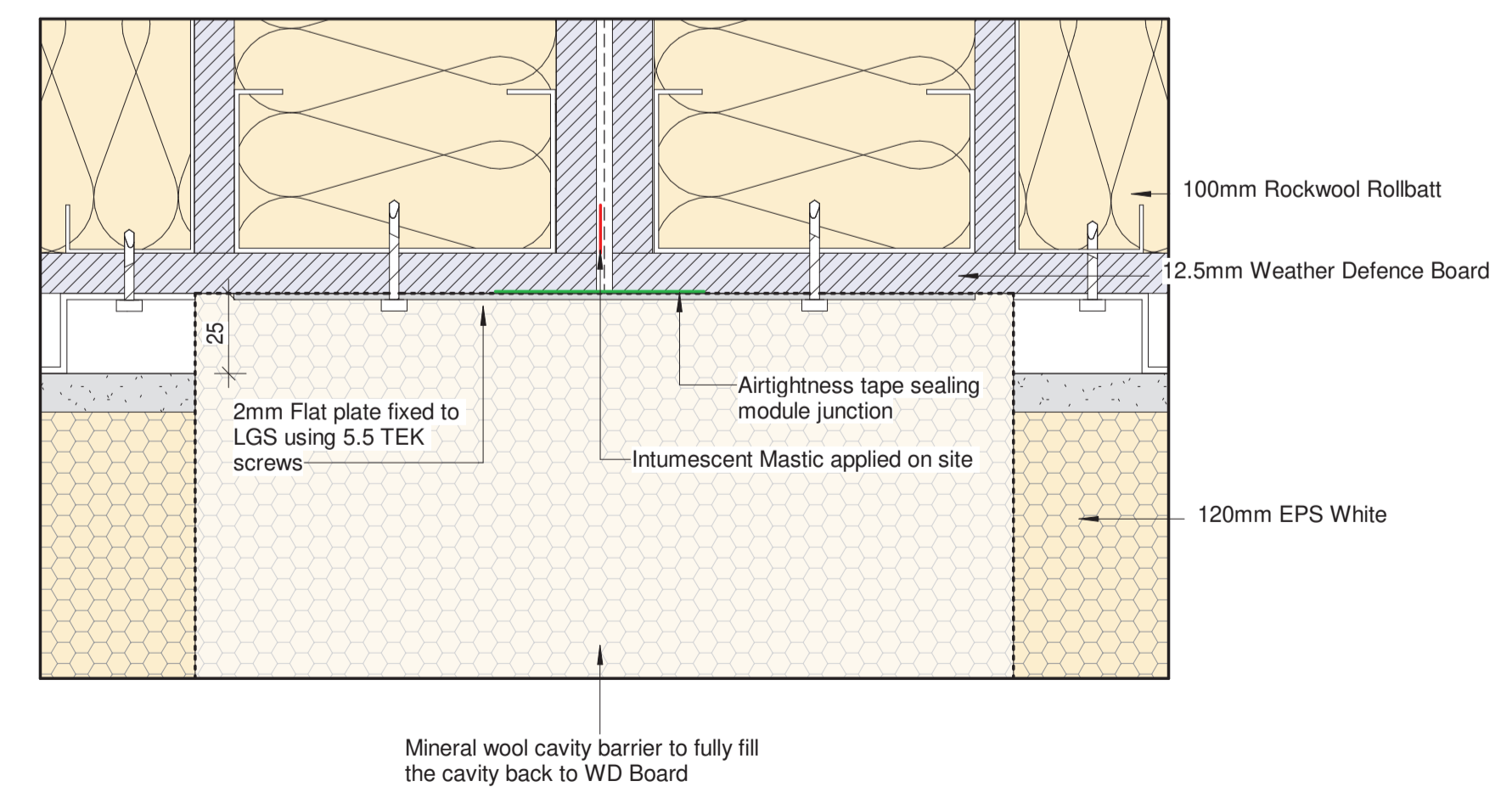
4 Plan Detail- Module Junction-Render-Party Wall Module Joint
1:5



5 Plan Detail- Module Junction-Internal Wall Module Joint
1:5



6 Plan Detail- Module Junction-Brick-External Wall Module Corner
1:5



7 Plan Detail- Module Junction-Render-Internal Wall Module Joint-Enlarged
1:2

REV	BY	DESCRIPTION	DATE
C1	RS	IFC	31/10/2023
P04	RS	Details Comments	18/08/2023
P03	RS	Revision Clouds + Comments	15/08/2023
P02	VL	Block Alignment and Setting Out	11/08/2023
P01	RS	Preliminary	03/08/2023

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PROJECT:

2-Storey URMH

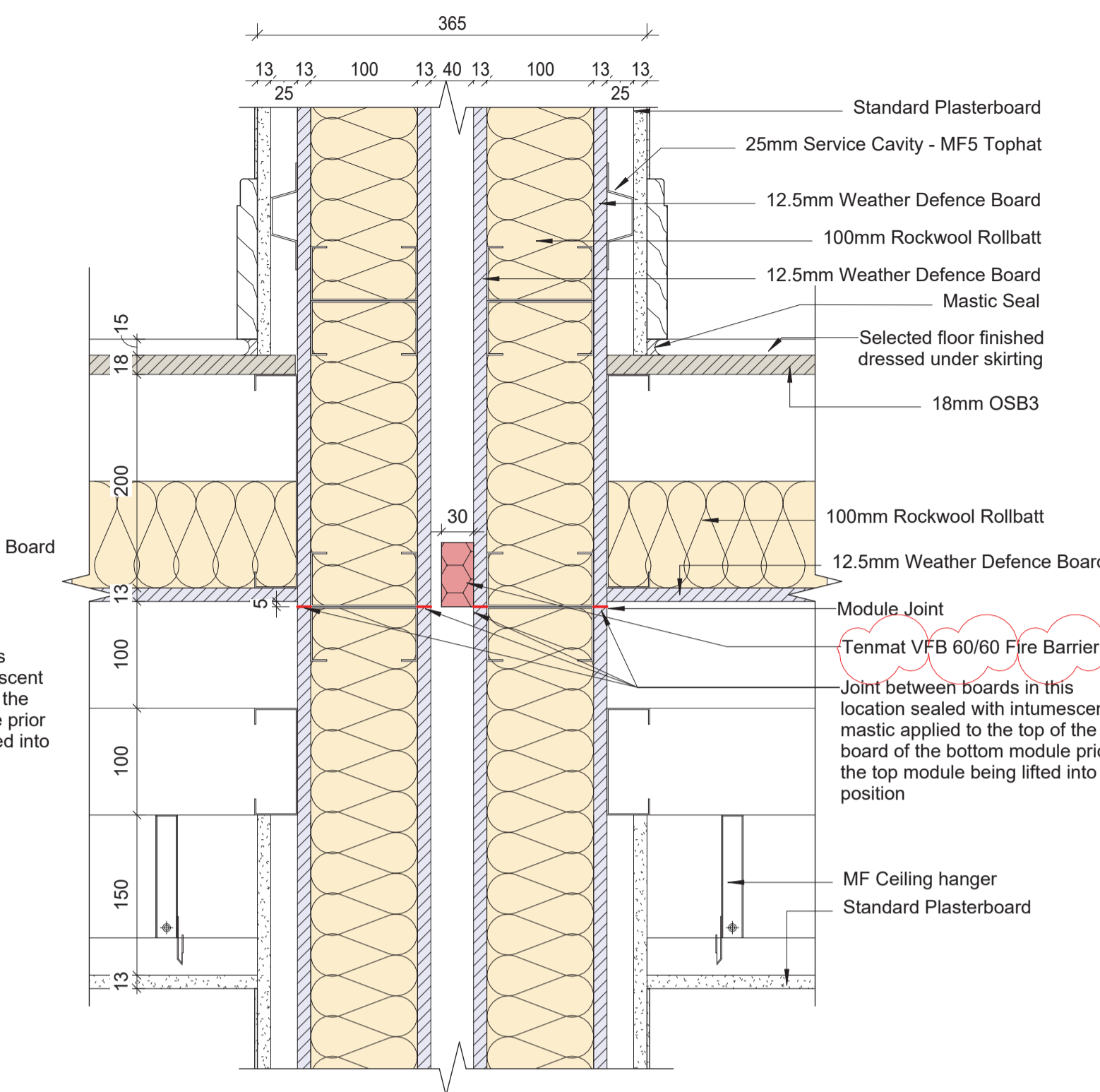
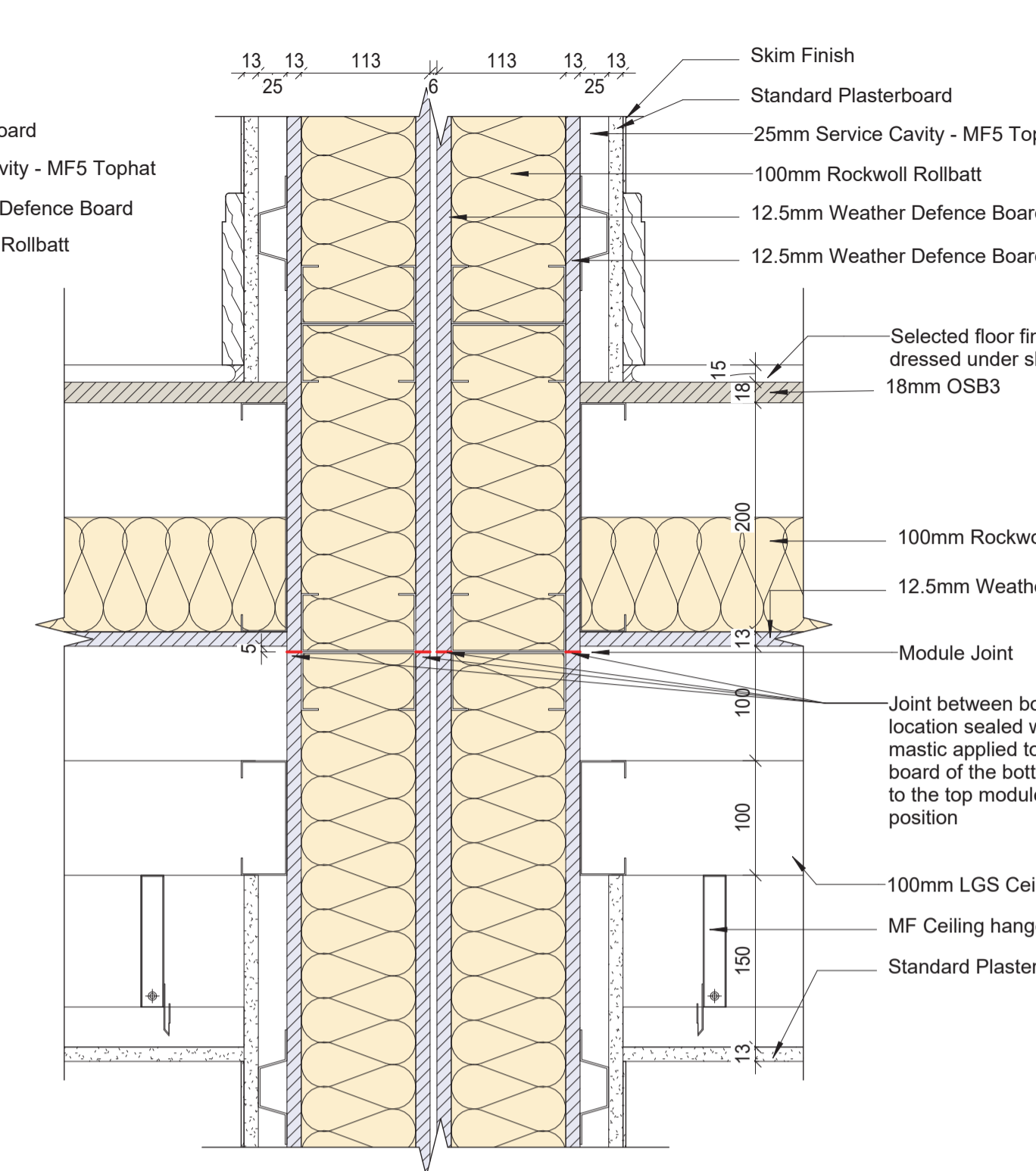
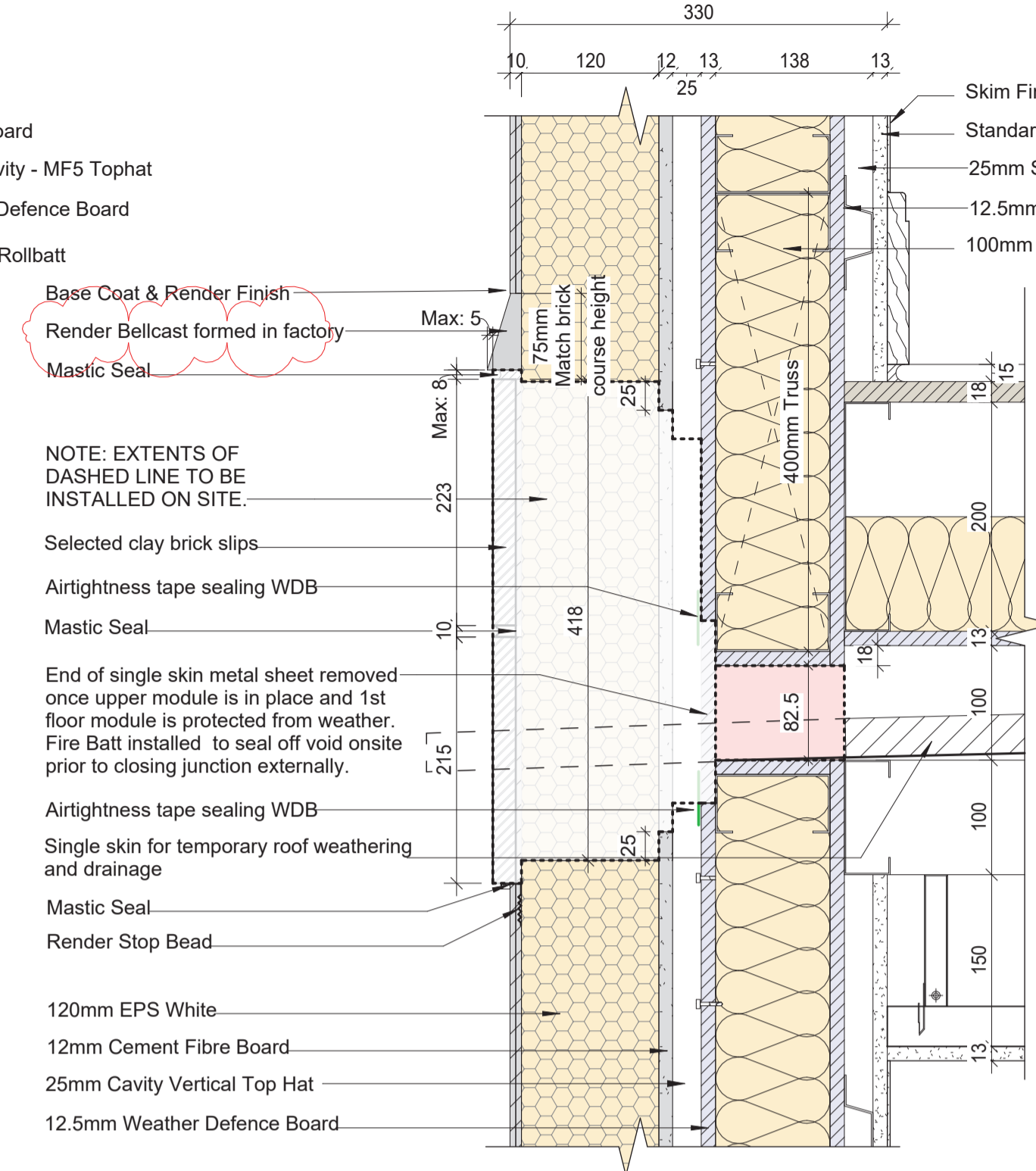
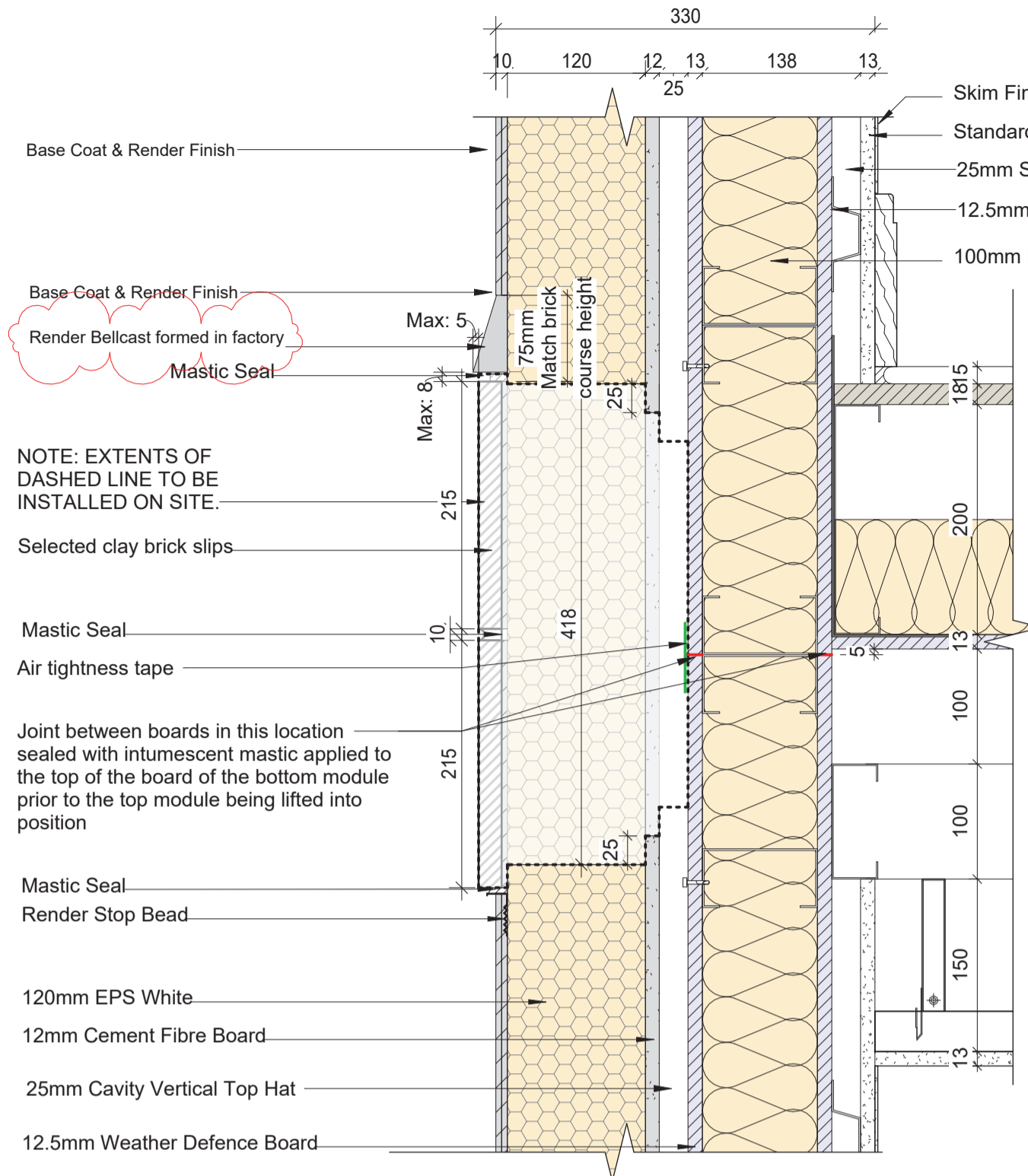
DRAWING TITLE:

5051-External Wall - Plan Details

DATE: 31/10/2023 DRAWN BY: VL CHECKED BY: DM

SCALE @ A1: As indicated PROJECT NO: 2313 REVISION: C1

DRAWING NO: 2313- FSS- XX- XX- DR- X- 5051

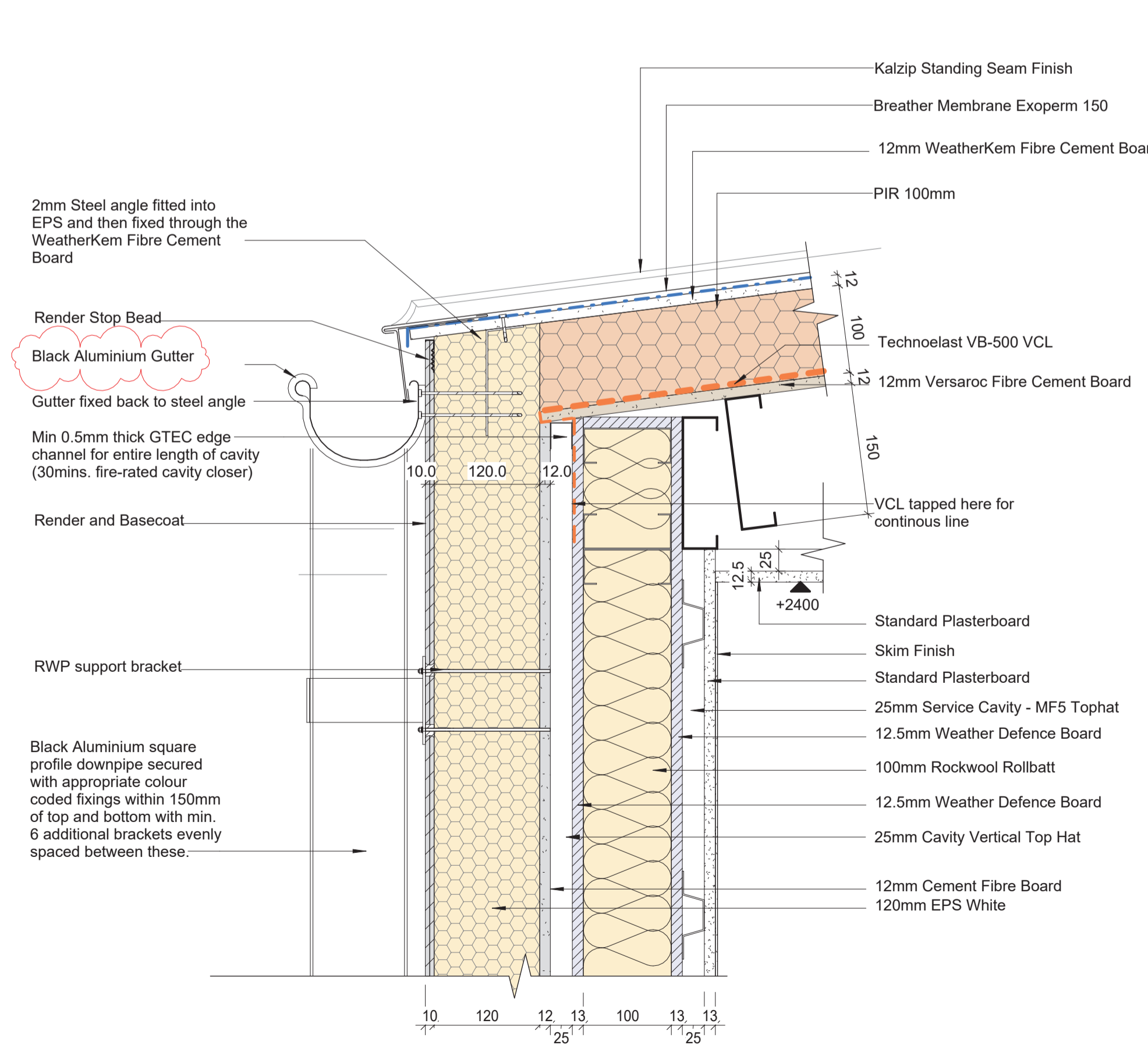


1 Section Detail- Module Junction Intermediate Floor - Side Wall
1 : 5

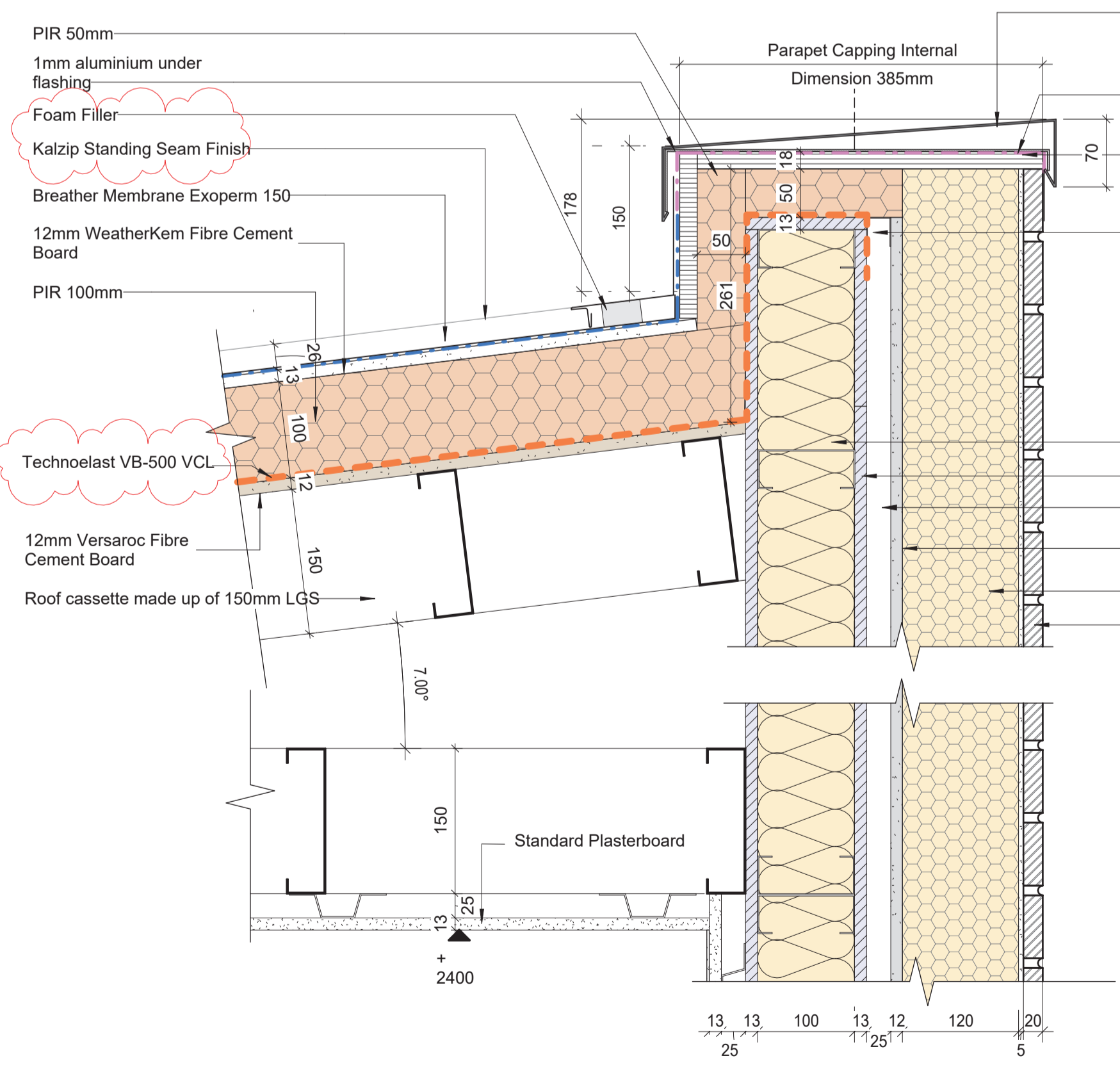
6 Section Detail- Module Junction Intermediate Floor - End Wall
1 : 5

2 Section Detail- Module Junction Intermediate Floor - Internal Party Wall
1 : 5

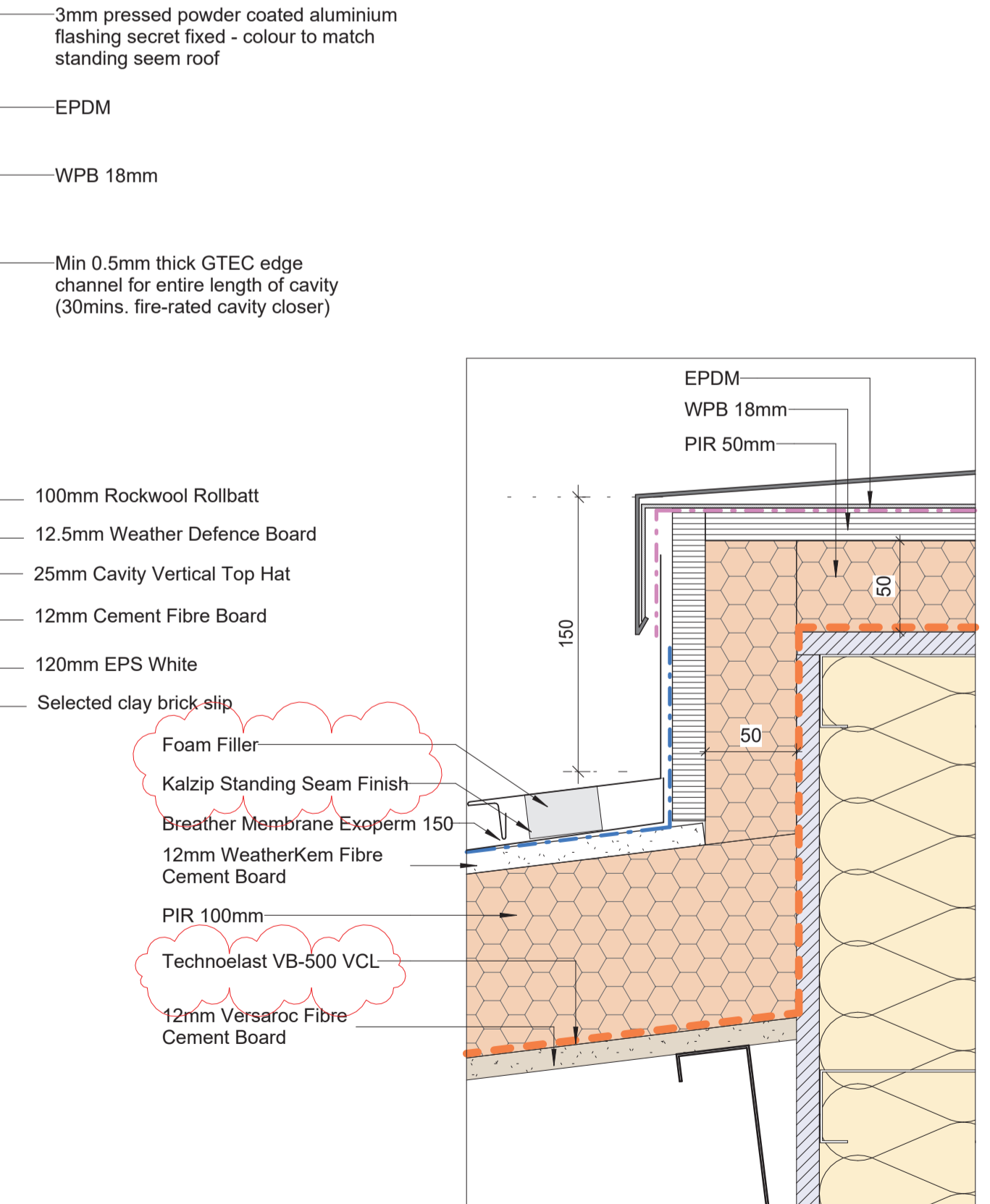
5 Section Detail- Module Junction Intermediate Floor - External Party Wall
1 : 5



4 Section Detail- Roof Junction-Gutter
1 : 5



3 Section Detail- Roof Junction-Parapet
1 : 5



7 Section Detail- Roof Junction-Parapet Close up
1 : 3

REV.	BY	DESCRIPTION	DATE
C1	RS	IFC	31/10/2023
P05	RS	Eaves Update	10/10/2023
P04	VL	Roof build-up	06/09/2023
P03	RS	Revision Clouds + Comments	15/08/2023
P02	VL	Brick Alignment and Setting Out	11/08/2023

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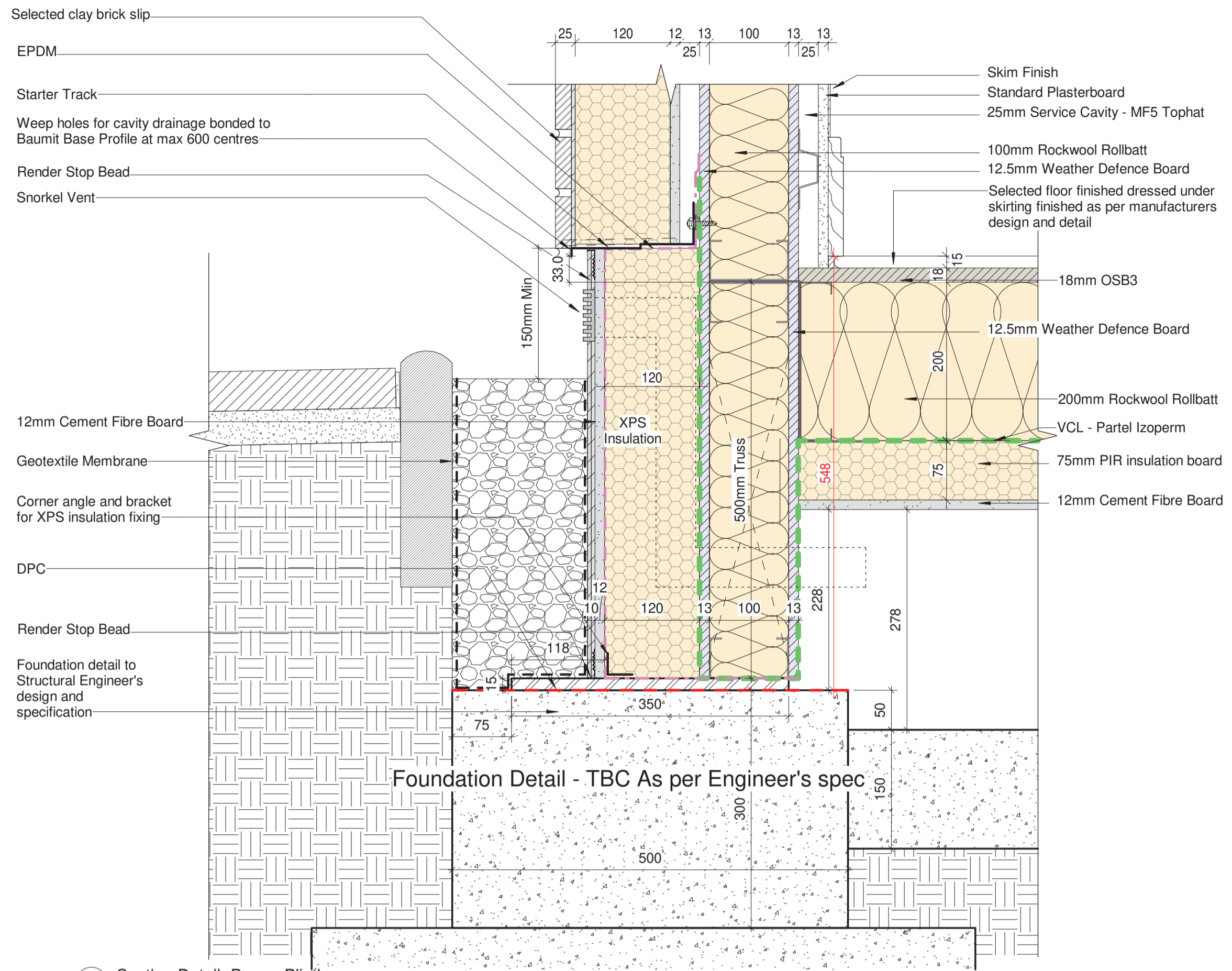
PROJECT:
2-Storey URMH

DRAWING TITLE:
5052-External Wall - Section Details

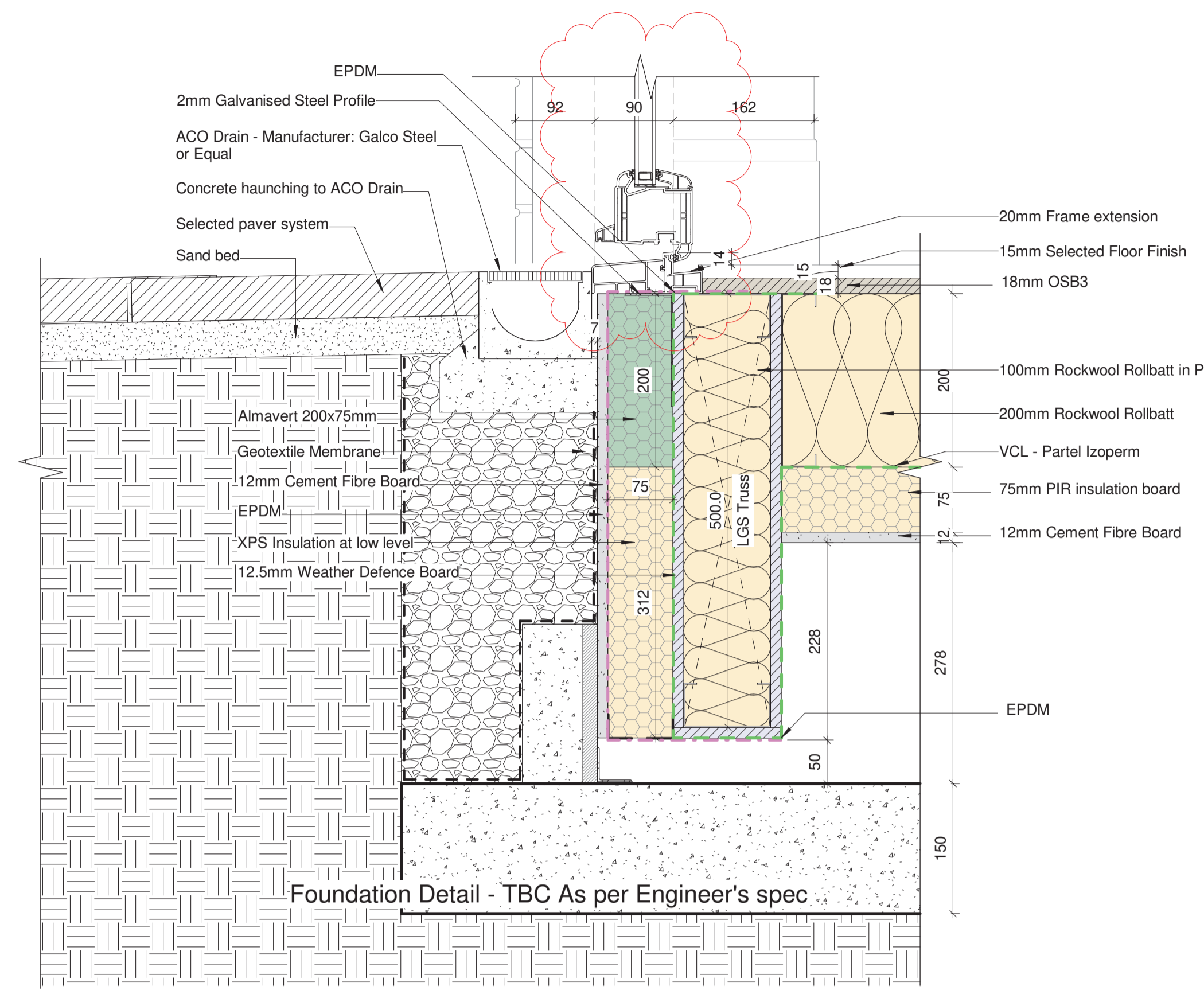
DATE: 31/10/2023
DRAWN BY: VL
CHECKED BY: PM

SCALE @ A1: As indicated
PROJECT #: 2313
REVISION: C1

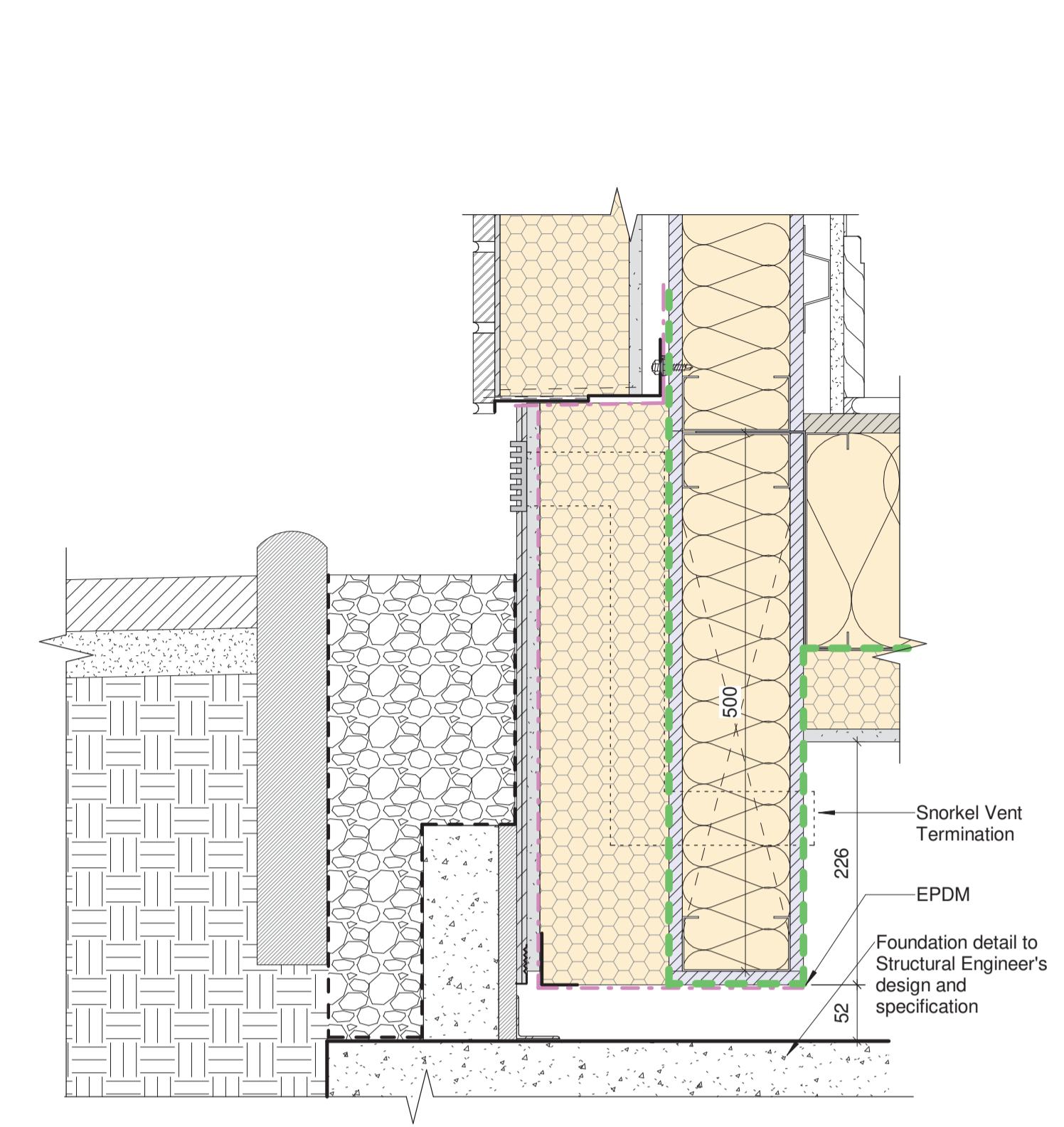
DRAWING NO:
2313- FSS- XX- XX- DR- X- 5052



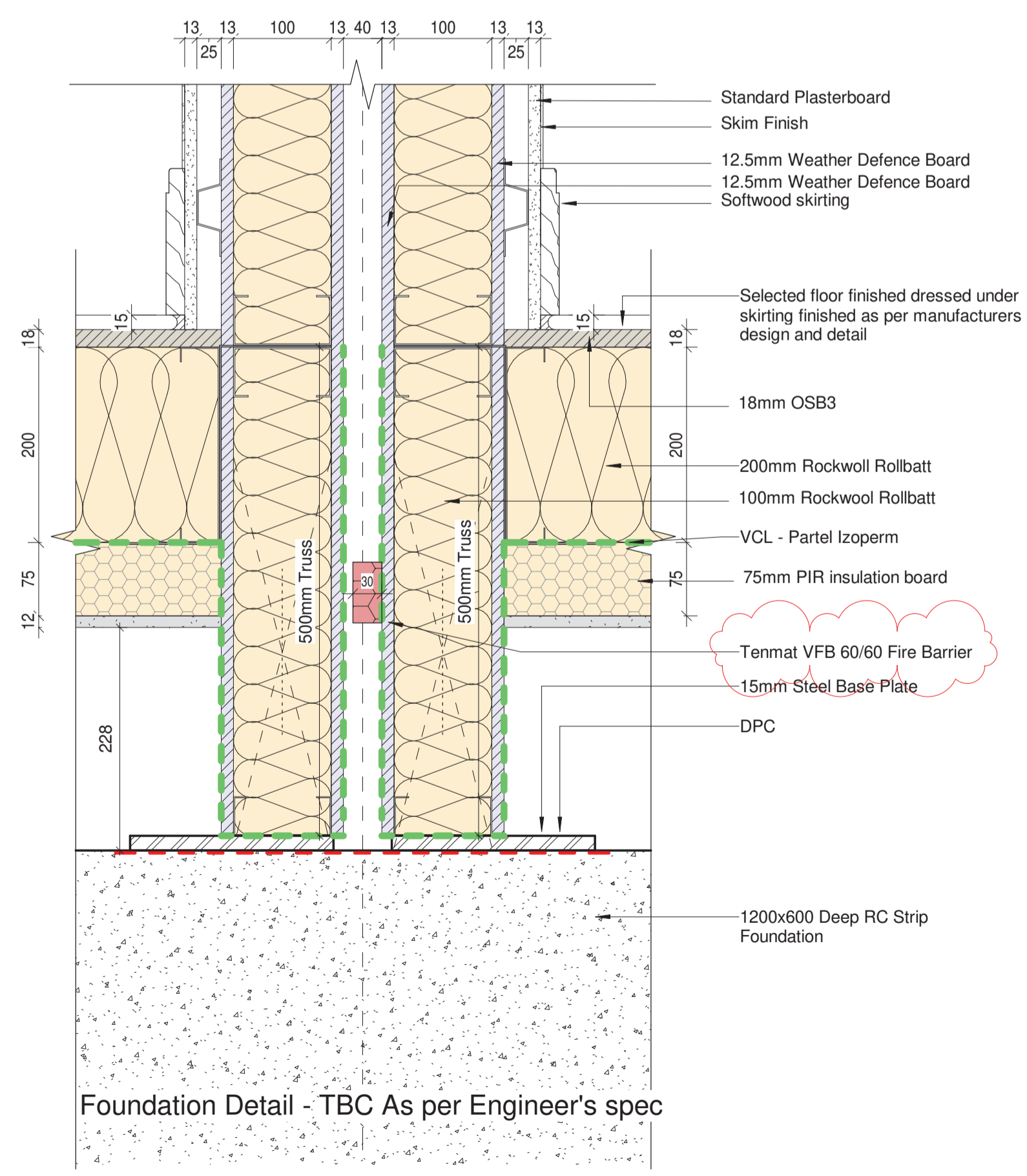
1 Section Detail- Base - Plinth
1:5



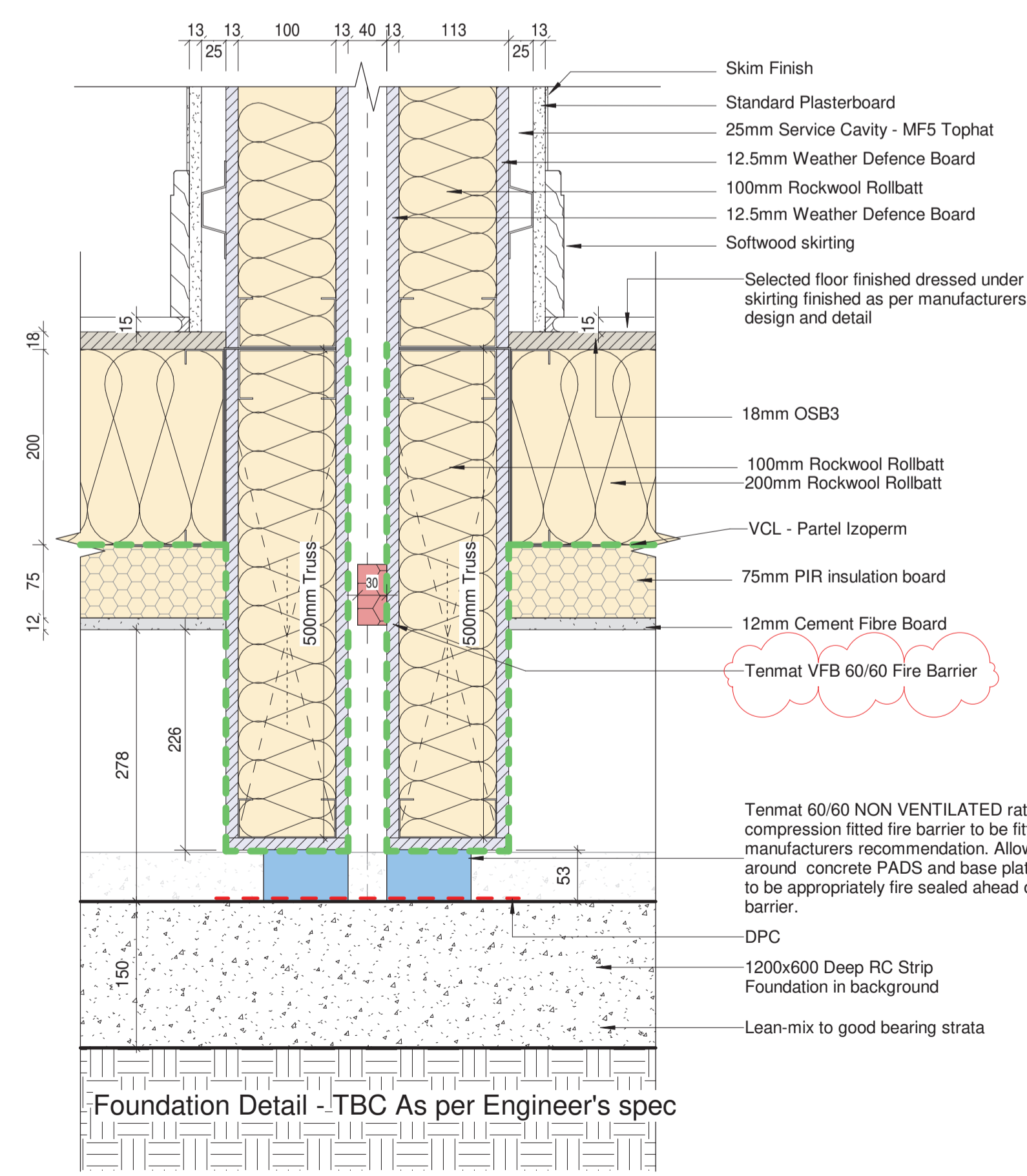
2 Section Detail- Threshold
1:5



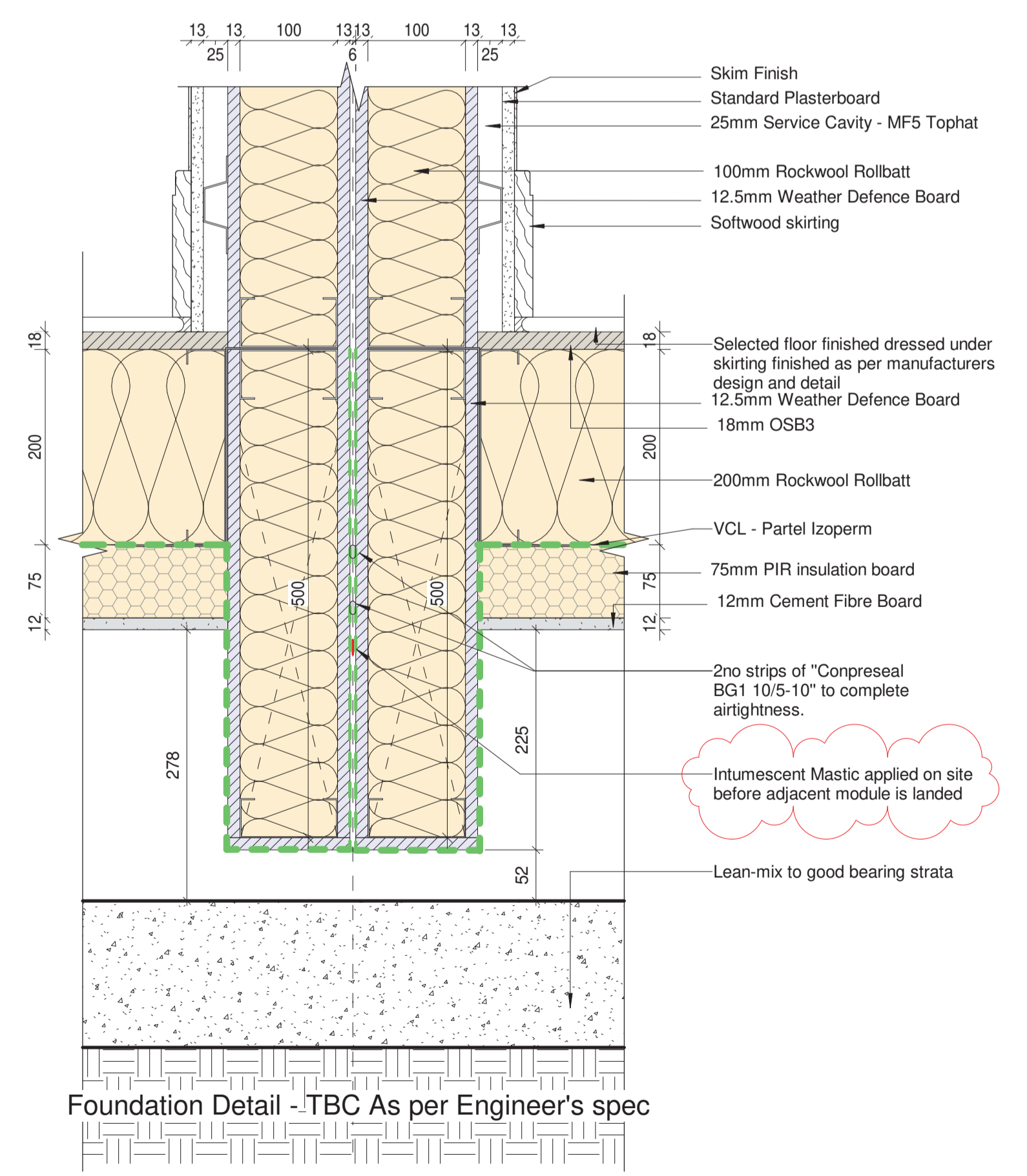
3 Section Detail- Base - Plinth-Shuttering between Module Sub Columns
1:5



4 Section Detail- Base - Party Wall Junction-Footings
1:5



5 Section Detail- Base - Party Wall Junction
1:5



6 Section Detail- Base - Module Wall Junction
1:5

C1	RS	IFC		31/10/2023
P05	RS	VCL - Door Threshold		05/10/2023
P04	RS	Details Comments		18/08/2023
P03	RS	Revision Clauses + Comments		15/08/2023
P02	VL	Block Alignment and Setting Out		11/08/2023
REV:	BY:	DESCRIPTION:		DATE:

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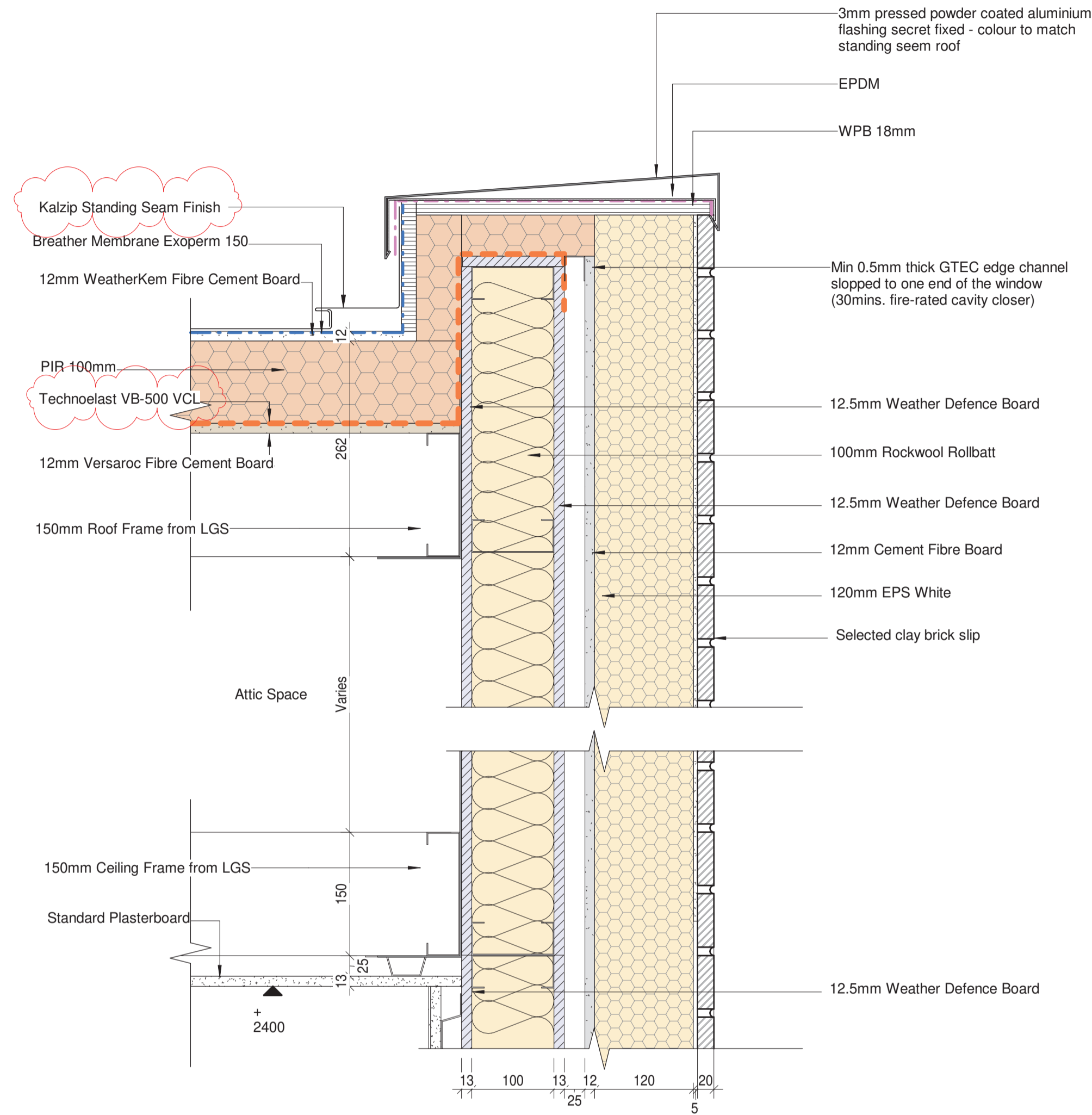
CLIENT:
SISK

PROJECT:
2-Storey URMH

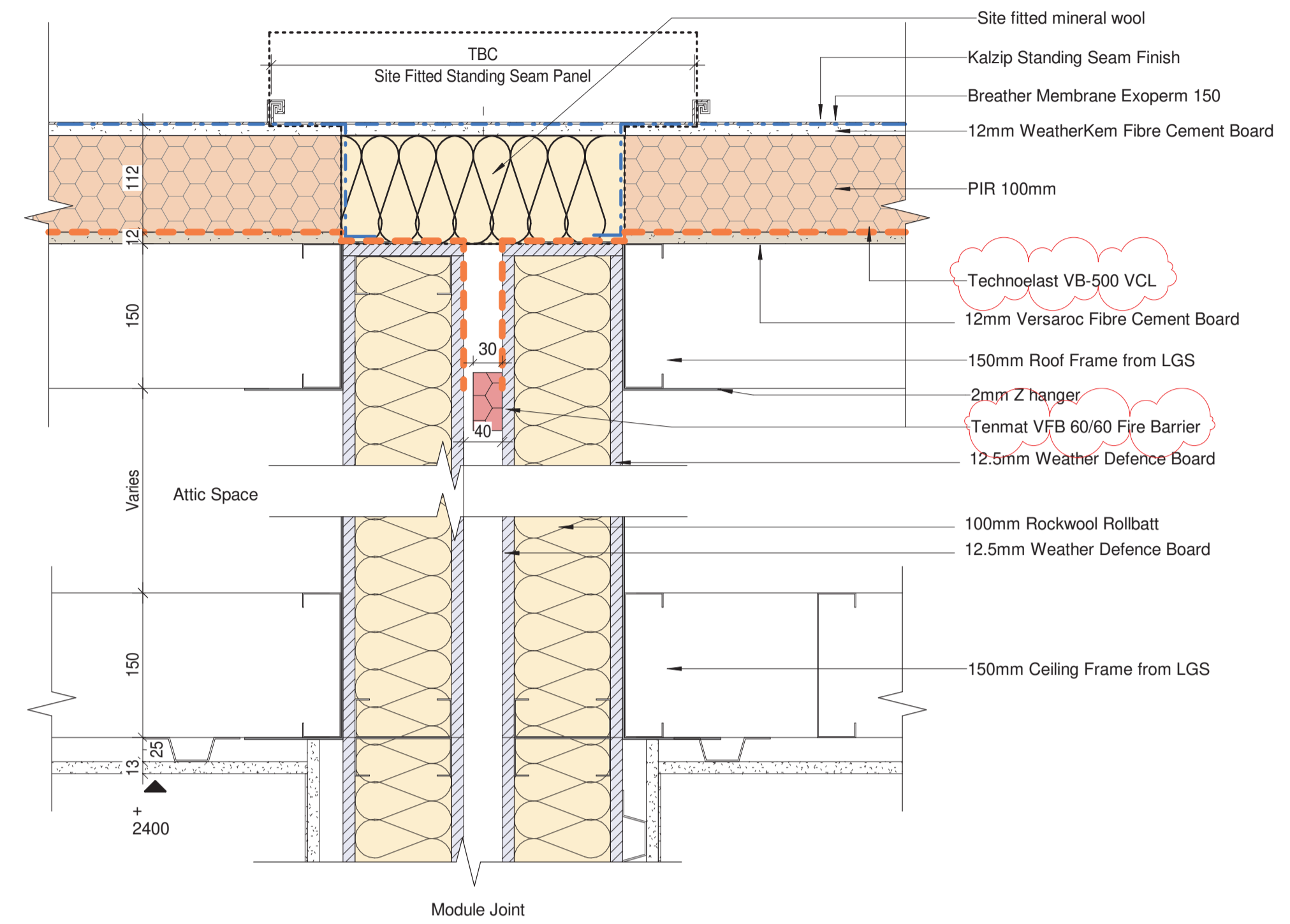
DRAWING TITLE:
5053-External Wall - Plinth and Threshold

DATE: **31/10/2023** DRAWN BY: **VL** CHECKED BY: **DM**
SCALE @ A1: **1:5** PROJECT N°: **2313** REVISION: **C1**

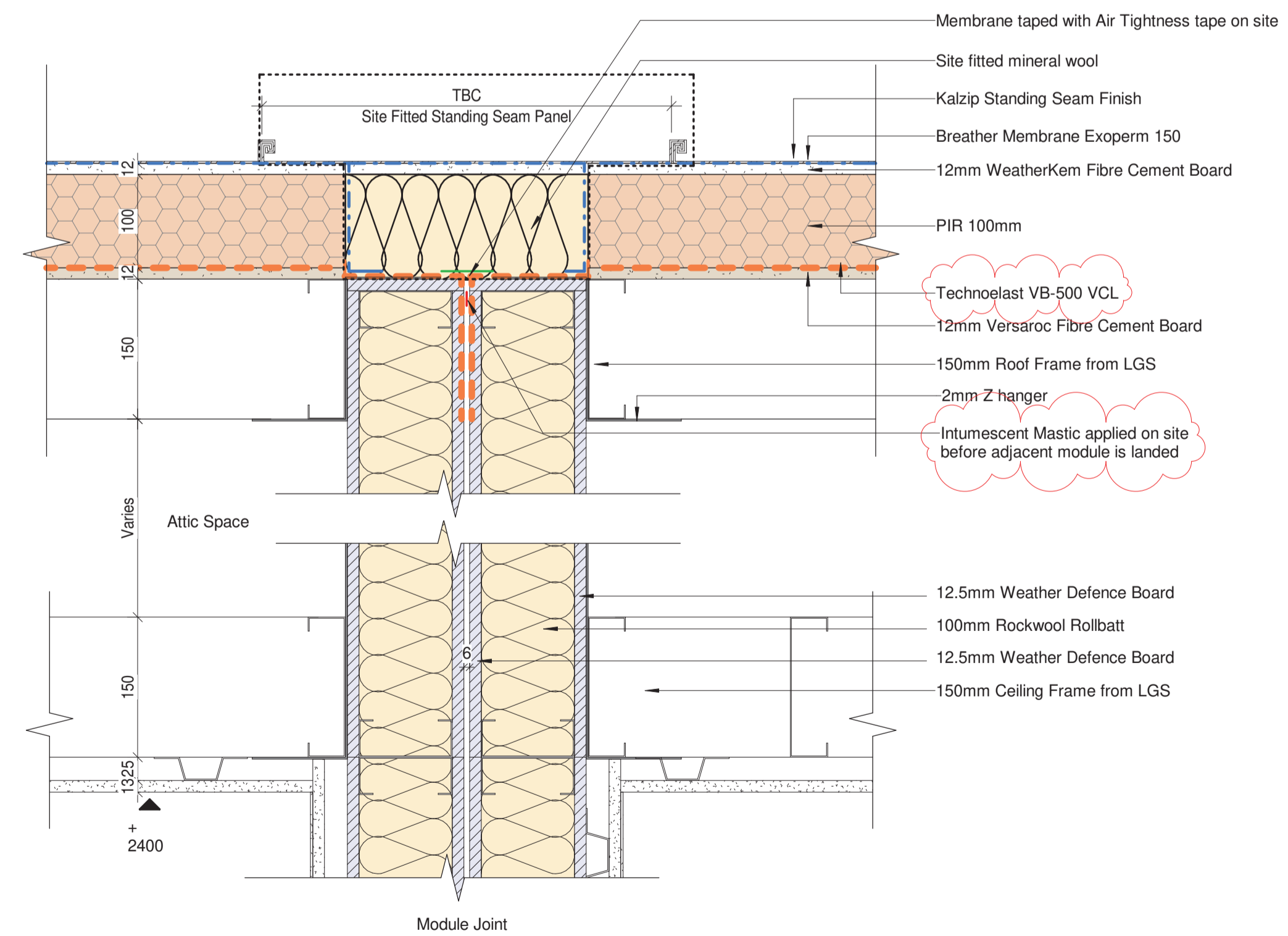
DRAWING NO:
2313- FSS- XX- XX- DR- X- 5053



1 Section Detail- Roof Junction-Barge
1:5



2 Section Detail- Roof Junction-Party Wall
1:5



3 Section Detail- Roof Junction-Module to Module
1:5

REV.	BY:	DESCRIPTION:	DATE:
C1	RS	IFC	31/10/2023
P04	VL	Roof build-up	06/09/2023
P03	RS	Revision Clouds + Comments	15/08/2023
P02	VL	Block Alignment and Setting Out	11/08/2023
P01	RS	Preliminary	03/08/2023

DRAWING STATUS:

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PROJECT:

2-Storey URMH

DRAWING TITLE:

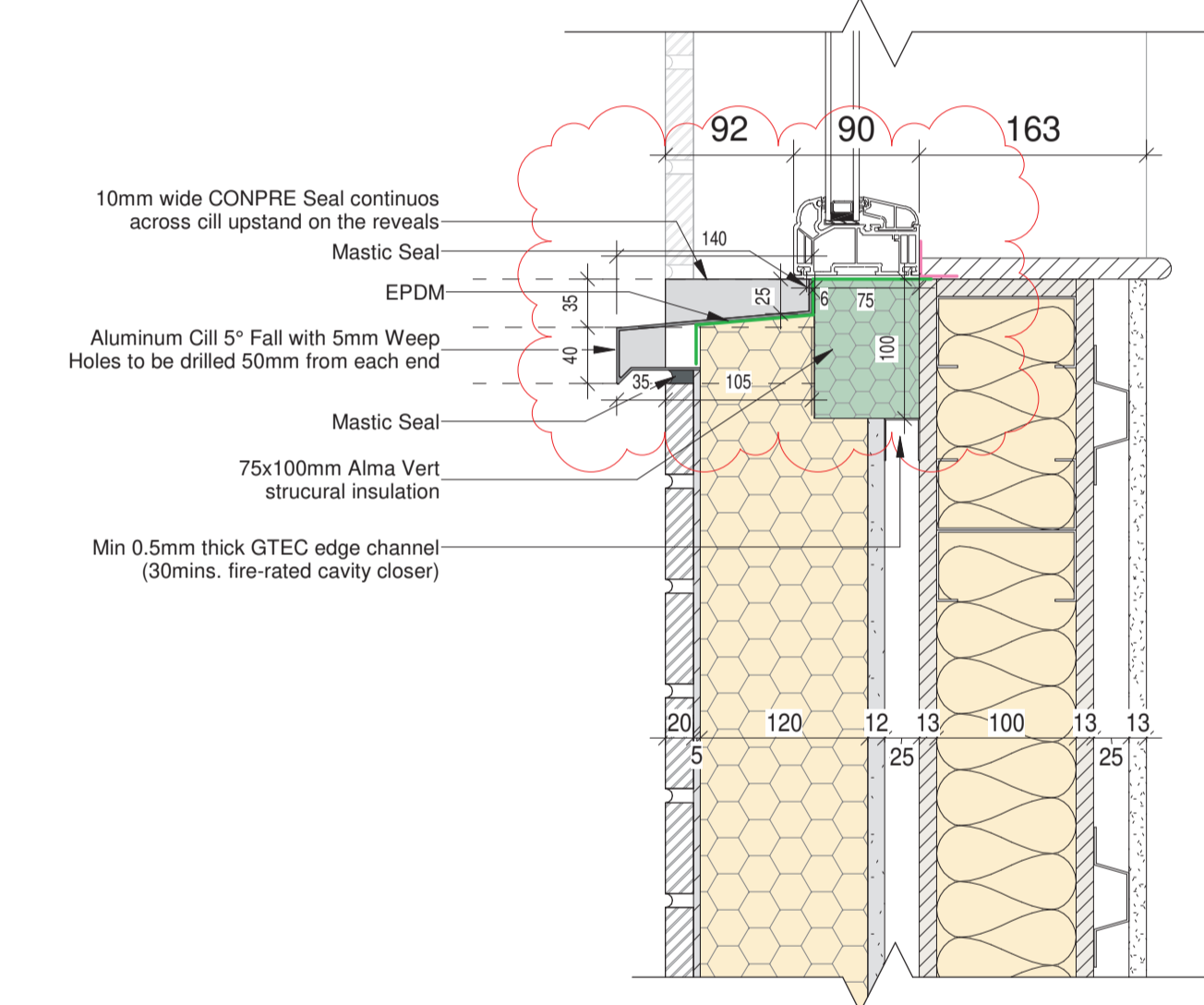
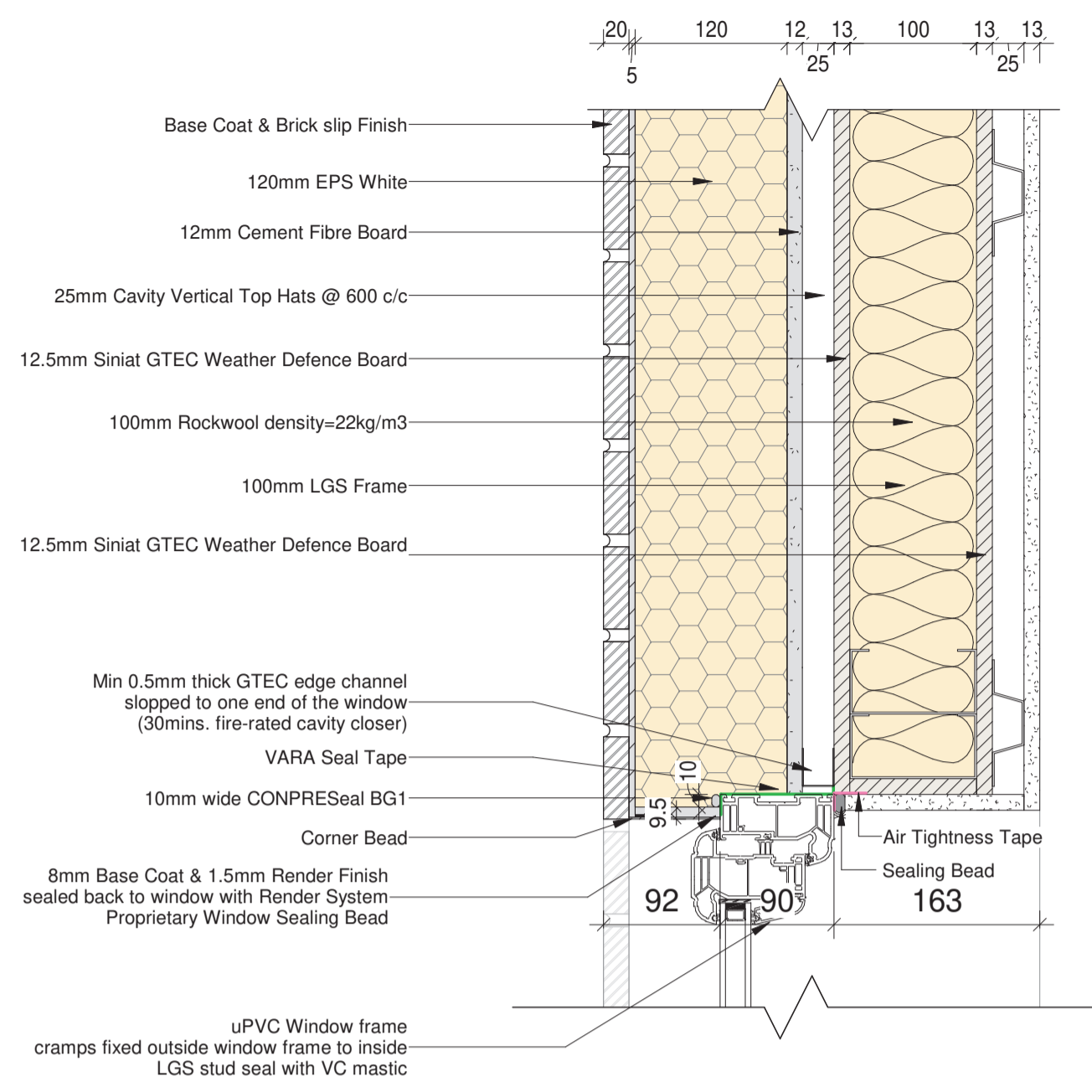
5057-Roof - Section Details

DATE: 31/10/2023 DRAWN BY: RS CHECKED BY: PM

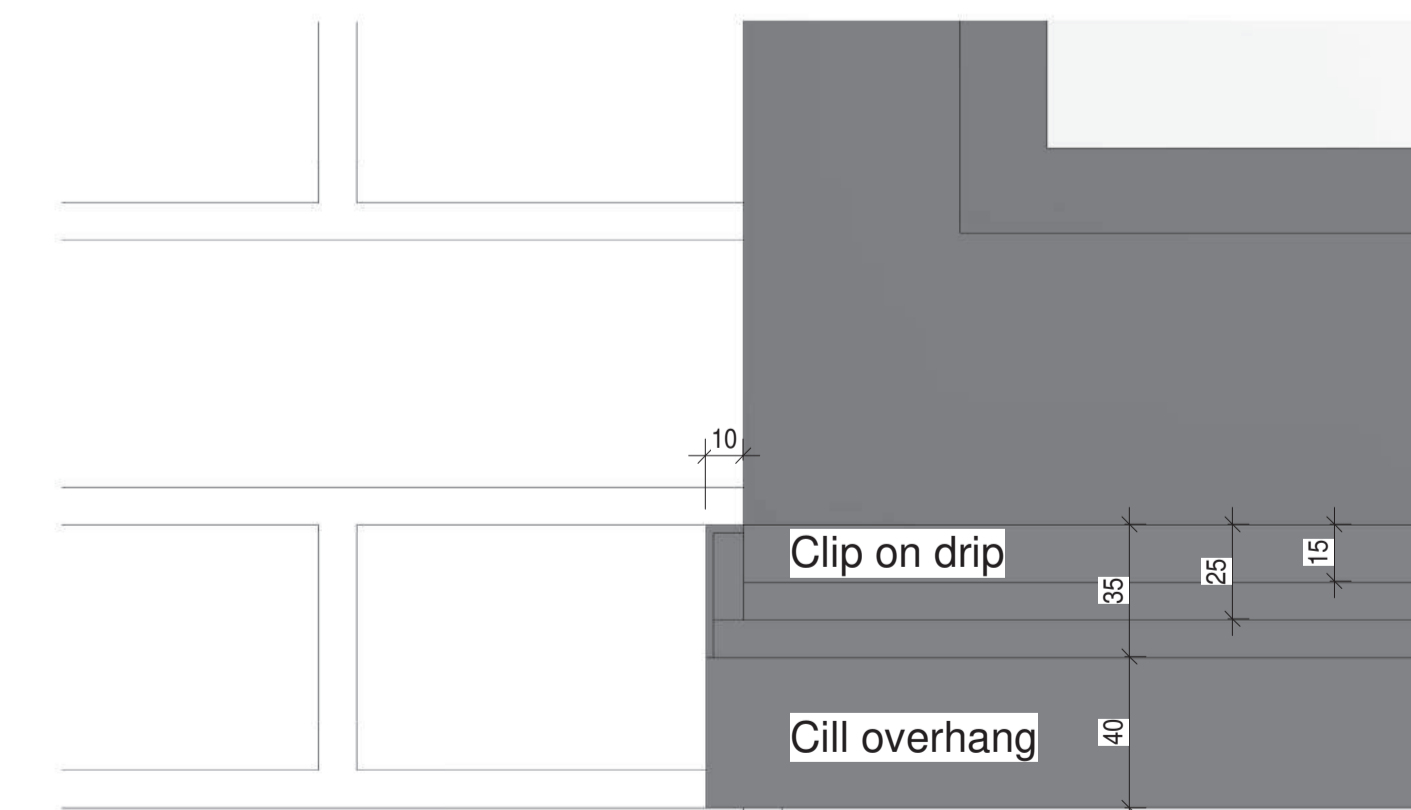
SCALE @ A1: 1:5 PROJECT N°: 2313 REVISION: C1

DRAWING NO:

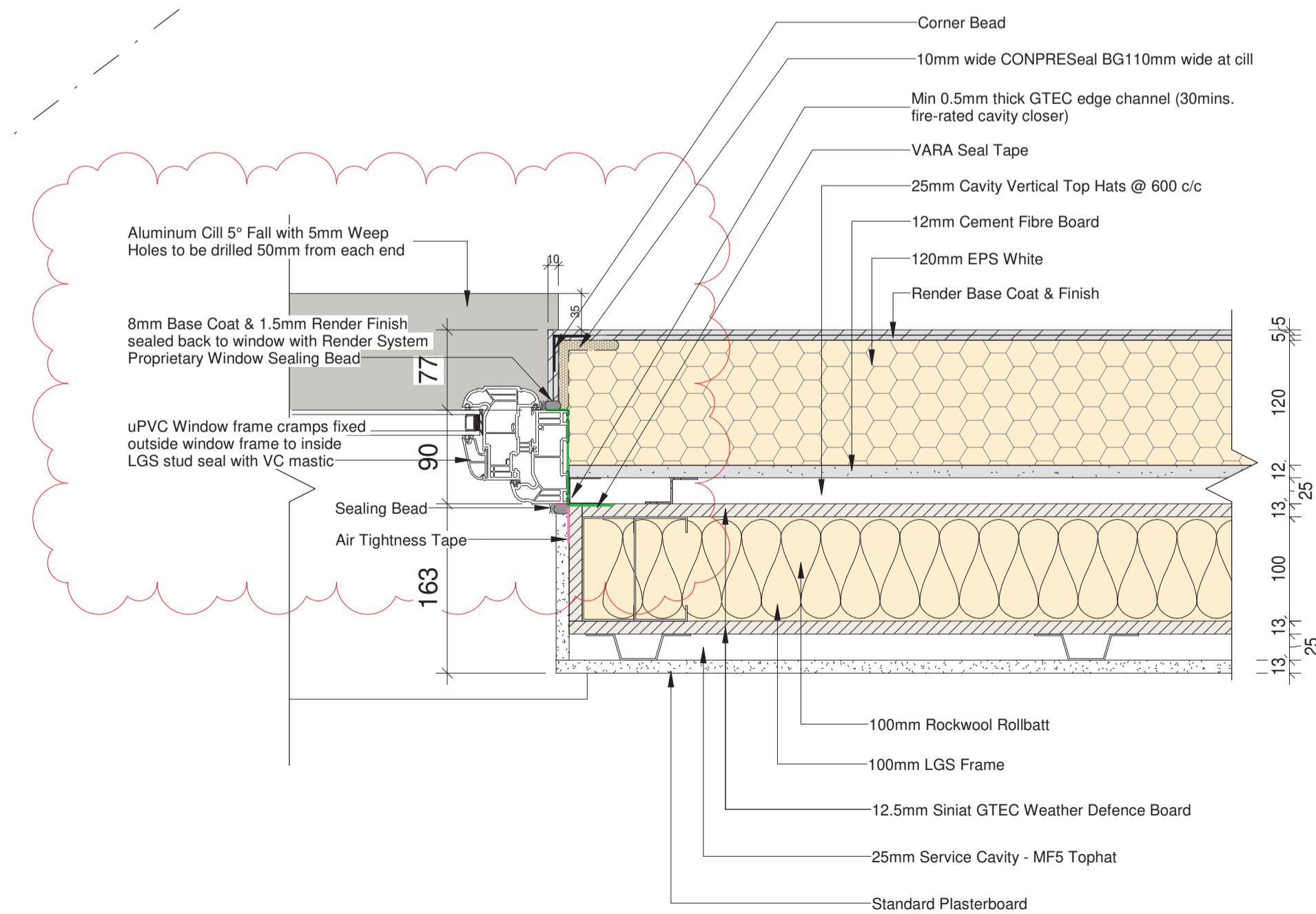
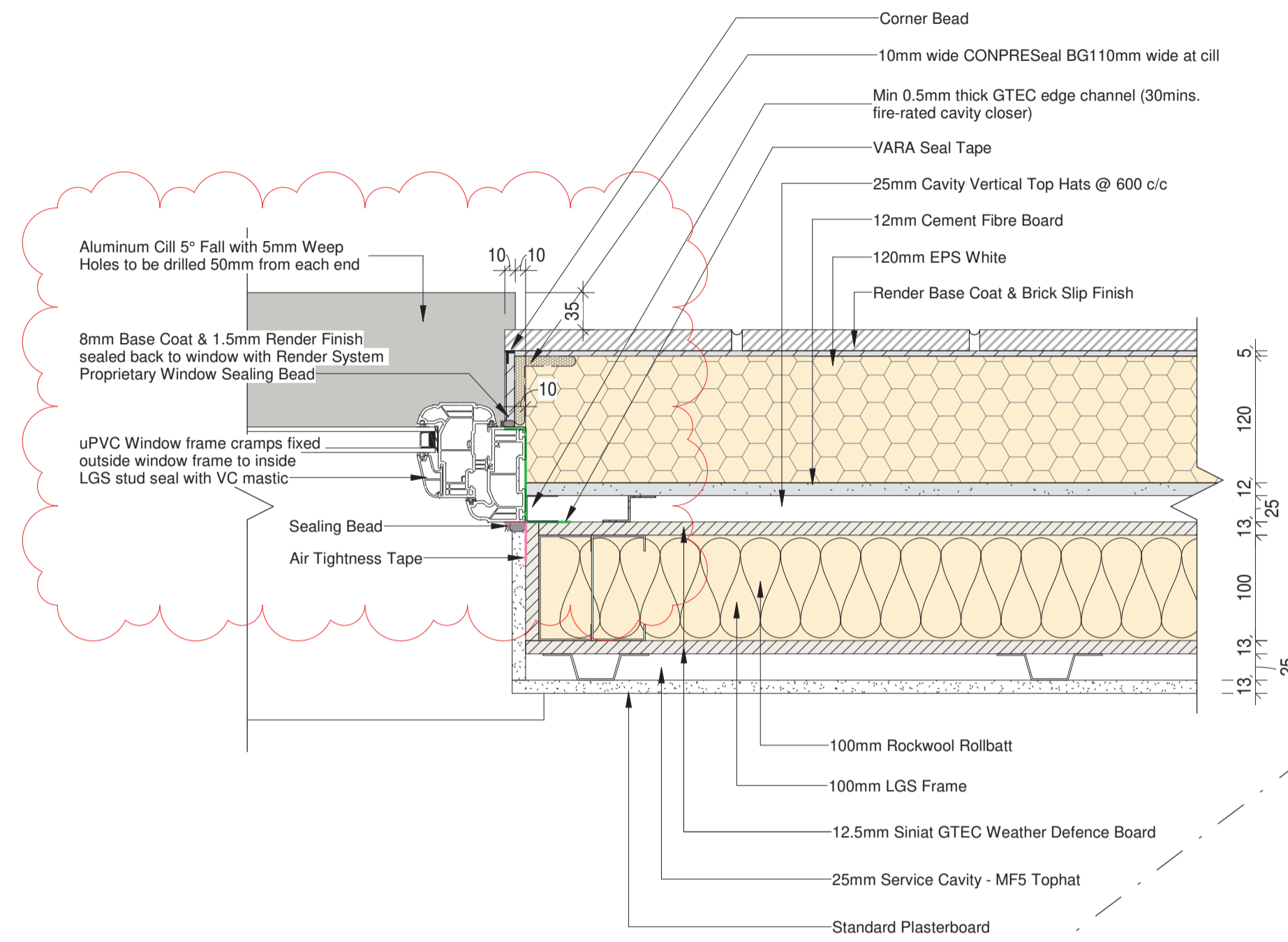
2313- FSS- XX- XX- DR- X- 5057



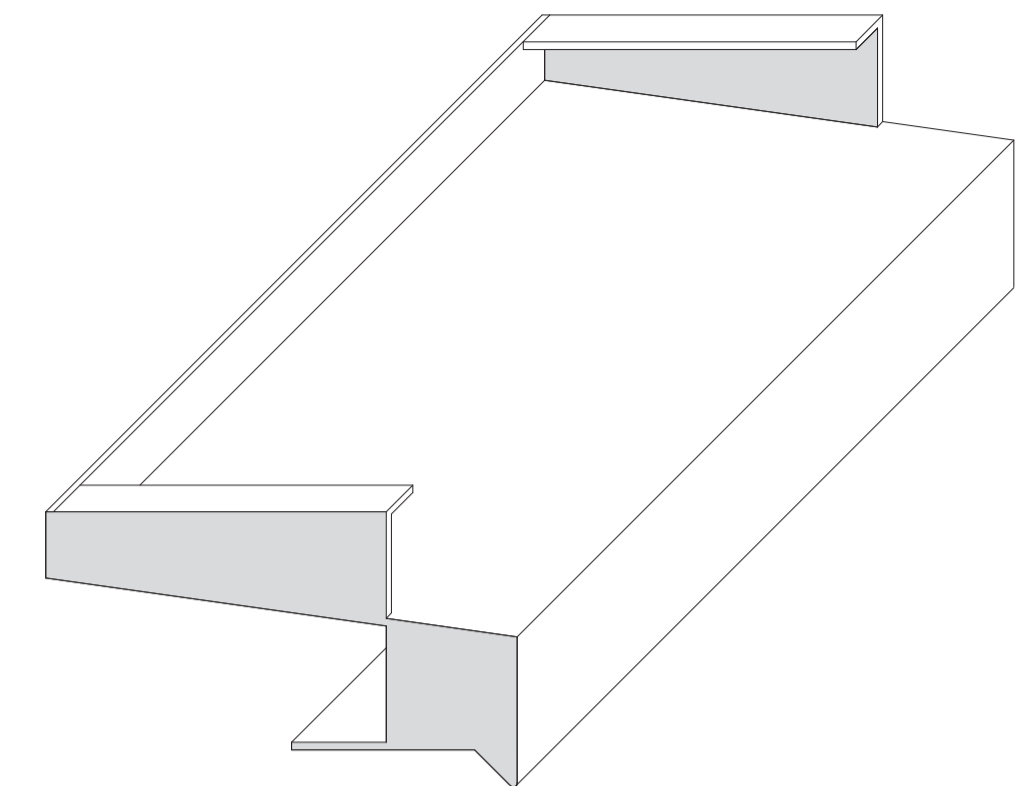
1:5 Brick Slip Window Detail



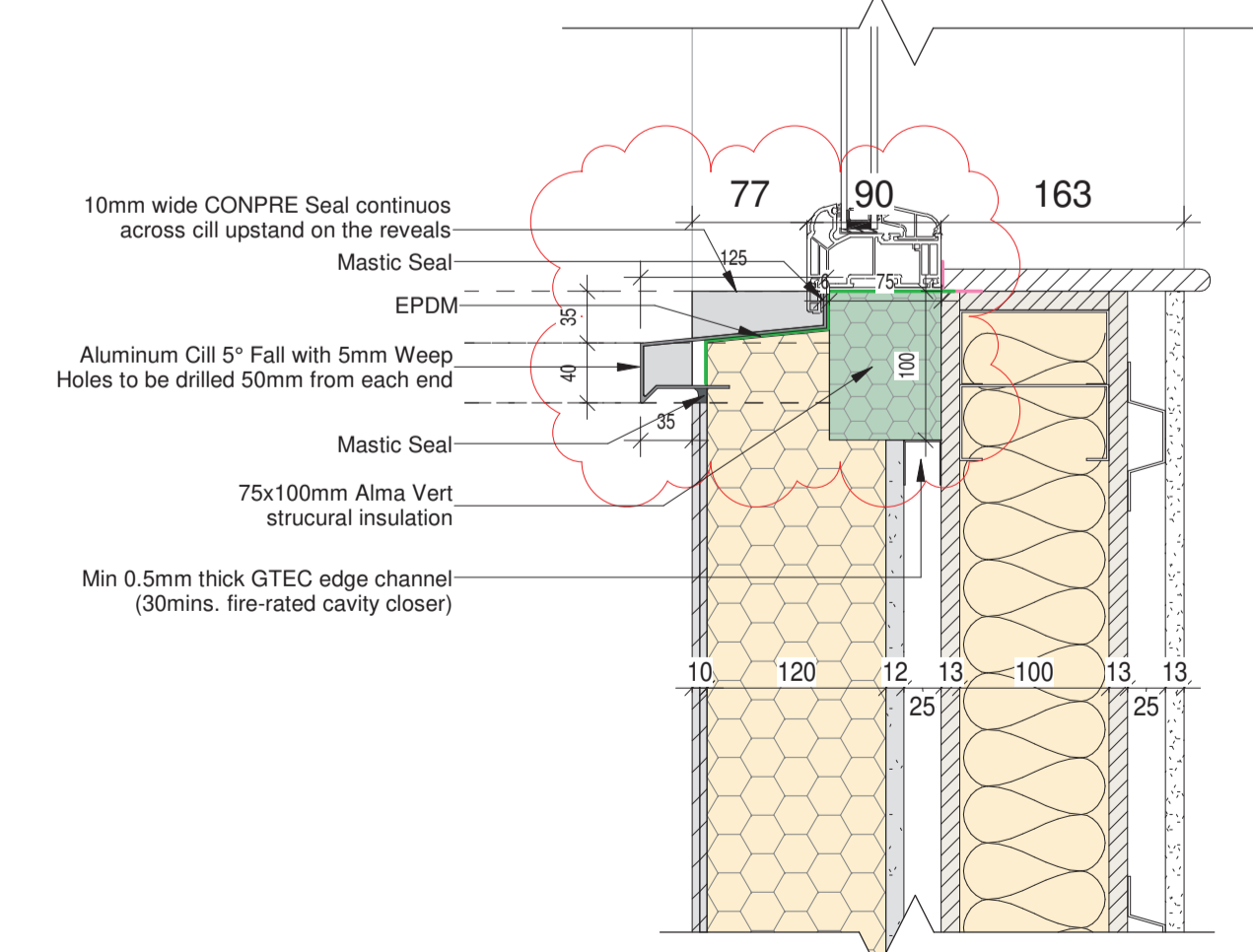
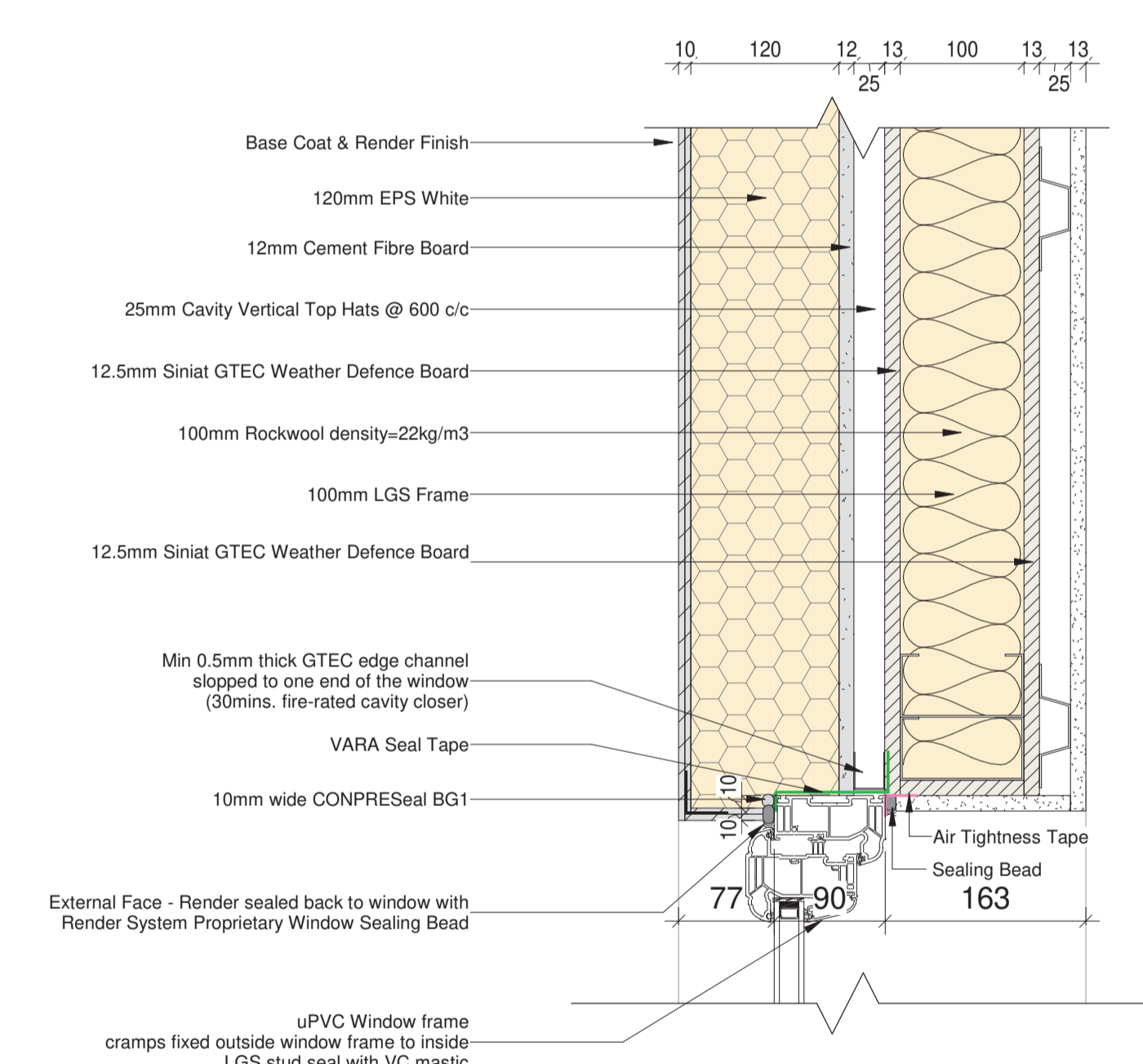
Window Elevation
1 : 2



1:5 Render Window Detail



See schedule 4153 for detailed Sill Information



REV	BY	DESCRIPTION	DATE
C1	RS	IFC	31/10/2023
P05	RS	Sills / Window Frame	16/10/2023
P04	RS	Details Comments	16/08/2023
P03	RS	Revision Clouds + Comments	15/08/2023
P02	VL	Block Alignment and Setting Out	11/08/2023

DRAWING STATUS:
CONSTRUCTION



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CLIENT:
SISK

PROJECT:
2-Storey URMH

DRAWING TITLE:
5058-Typical Window Details

DATE: **31/10/2023** DRAWN BY: **RS** CHECKED BY: **PM**

SCALE @ A1: **As indicated** PROJECT N°: **2313** REVISION: **C1**

DRAWING NO.: **2313- FSS- XX- XX- DR- X- 5058**