

TENDER

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THIS DRAWING SHALL BE READ IN
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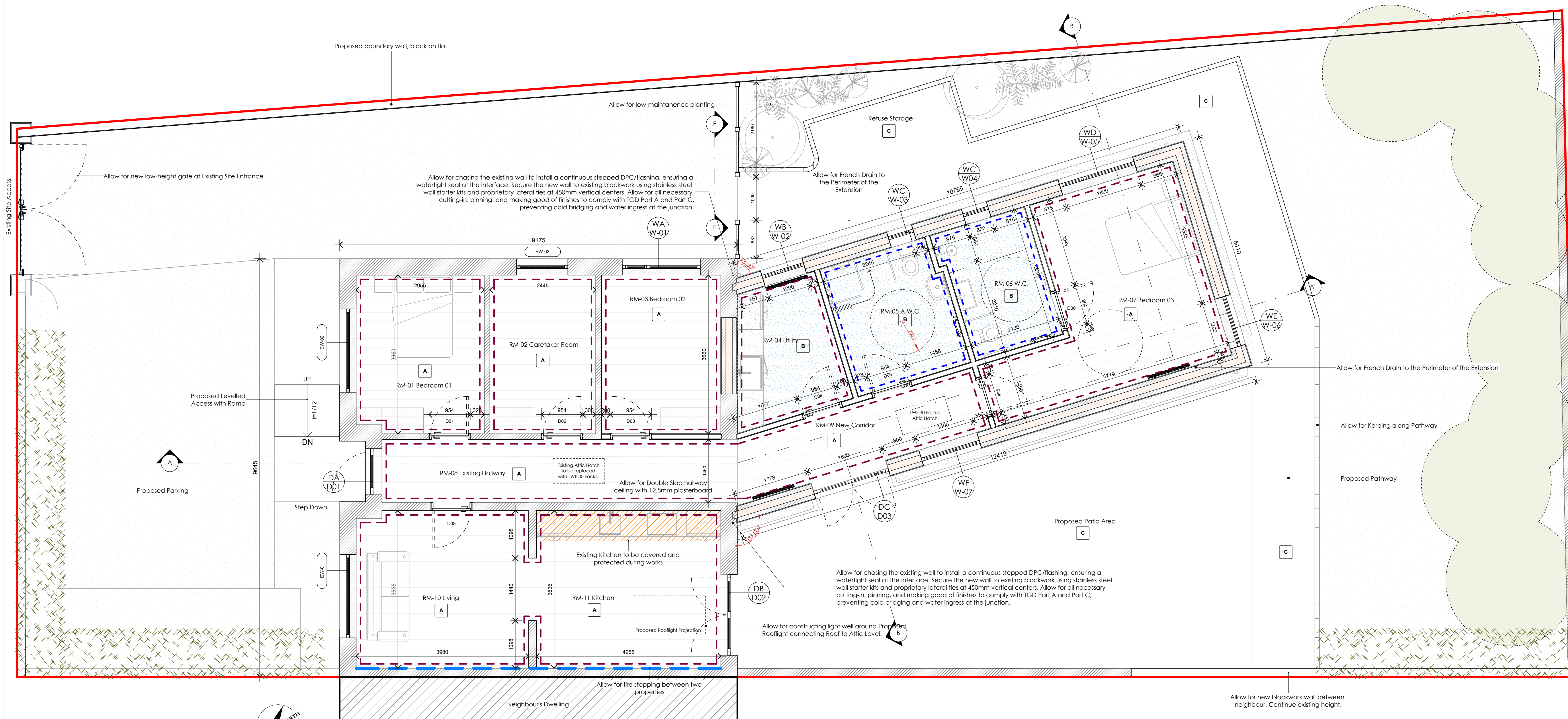
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ALL WORKS TO COMPLY WITH HEALTH
& SAFETY ACT



Proposed Ground Floor Plan

Scale: 1 : 50



GENERAL NOTES:

ANY EXISTING FIRE SYSTEM TO BE KEPT LIVE DURING WORKS, ALL RELATED FIRE EQUIPMENT TO BE KEPT PROTECTED. UPON COMPLETION FIRE SYSTEM TO BE RECOMMISSIONED.

DIMENSIONS OF DOORS TO BE CHECKED PRIOR OF REPLACING TO NEW DOORS. ALL NEW FITTED DOORS TO BE RATED MINIMUM FD30S. ALL DOORS TO BE FITTED WITH TAGS NOTING FIRE COMPLIANCE DETAILS.

ALL CRACKING AND DAMAGE TO STRUCTURE SHOULD BE MADE GOOD PRIOR TO BEGINNING ANY RENOVATION WORKS.

CONTACTOR MUST VERIFY ALL DIMENSIONS
ON SITE BEFORE SETTING OUT, COMMENCING
WORK, OR PRODUCING ANY SHOP
DRAWINGS.

ARCHITECT SHOULD BE NOTIFIED OF ANY VARIATIONS PRIOR TO ANY COMMENCEMENT OF WORKS.

Number	Room	Area	Floor	Wall	Ceiling	Architrave / Skirting	Other
00	Attic Area	71 m²	Inspect condition of existing joists, any defects or damages to be made good prior to works. Allow for strengthening existing structure at the proposed works locations.	N/A	N/A	N/A	Add additional attic insulation between joists and overlapping joists, inspect roof structure and make good.
01	RM-01 Bedroom 01	11 m²	Polyflor - Newport Oak 3394	Make good all existing walls, filling and patching as required to ensure a smooth substrate. Re-paint with a minimum of two coats of premium emulsion.	Retain existing ceiling to be made good and receive new Fire-rated paint	Shaker Skirting	
02	RM-02 Caretaker Room	9 m²	Polyflor - Newport Oak 3394	Make good all existing walls, filling and patching as required to ensure a smooth substrate. Re-paint with a minimum of two coats of premium emulsion.	Retain existing ceiling to be made good and receive new Fire-rated paint	Shaker Skirting	
03	RM-03 Bedroom 02	10 m²	Polyflor - Newport Oak 3394	Gyproc Plasterboard 12.5mm	12mm Gyproc Plasterboard	Shaker Skirting	
04	RM-04 Utility	7 m²	Polyflor - Coastal Flint 5764	Gyproc Plasterboard 12.5mm	12mm Gyproc Plasterboard	Shaker Skirting	
05	RM-05 A.W.C	8 m²	Polyflor - Coastal Flint 5764	Gyproc moisture resistant Plasterboard 12.5mm	12mm Moisture Gyproc Plasterboard	Coved Skirting	
06	RM-06 W.C.	7 m²	Polyflor - Coastal Flint 5764	Gyproc moisture resistant Plasterboard 12.5mm	12mm Moisture Gyproc Plasterboard	Coved Skirting	
07	RM-07 Bedroom 03	19 m²	Polyflor - Newport Oak 3394	Gyproc Plasterboard 12.5mm	12mm Gyproc Plasterboard	Shaker Skirting	
08	RM-08 Existing Hallway	11 m²	Polyflor - Newport Oak 3394	Make good all existing walls, filling and patching as required to ensure a smooth substrate. Re-paint with a minimum of two coats of premium emulsion.	Double Slab Ceiling with 12mm Gyproc Plasterboard	Shaker Skirting	
09	RM-09 New Corridor	9 m²	Polyflor - Newport Oak 3394	Gyproc Plasterboard 12.5mm	12mm Gyproc Plasterboard	Shaker Skirting	
10	RM-10 Living	15 m²	Polyflor - Newport Oak 3394	Make good all existing walls, filling and patching as required to ensure a smooth substrate. Re-paint with a minimum of two coats of premium emulsion.	Retain existing ceiling to be made good and receive new Fire-rated paint	Shaker Skirting	Check and make good on chimney possible leak / dumpness prior to works. Allow for fire stopping between two properties
11	RM-11 Kitchen	16 m²	Polyflor - Newport Oak 3394	Make good all existing walls, filling and patching as required to ensure a smooth substrate. Re-paint with a minimum of two coats of premium emulsion.	Retain existing ceiling to be made good and receive new Fire-rated paint	Shaker Skirting	Allow for fire stopping between two properties

Floor Finishes	
Floor Finish A :	 POLYURETHER - Newport Oak 3394 Polyasafe Wood 1x PUR Sip resistance of PTV ≥34+ to be laid in accordance with Manufacturers Instructions. Refer to Specification for further guidance.
Floor Finish B :	 POLYURETHER - Coastal Flint 5744. Polyasafe Quattro PUR Sip resistance of PTV ≥34+ to be laid in accordance with Manufacturers Instructions. Bathrooms/WC/Store requirements: Ensure all joints in vinyl sheet flooring are welded joints. Flooring must be continuous and shall be turned up 100mm at all walls to form a bonded skirting. Refer to Specification for further guidance.
Floor Finish C :	 Broom finish concrete Sip resistance of PTV ≥34+ to be laid in accordance with Manufacturer's Instructions.
Floor Trim/Thresholds :	 Groutd floor trim finished in Aluminium with a Jet Inset. Finish Silver. Refer to Specification for further guidance  PARTEL ALUMAT threshold unit or similar and approved equivalent to all door thresholds. All drains to be connected to storm water drainage in accordance with engineers details Refer to Specification for further guidance
Skirting/Architrave :	 Skirting (architrave) window boards/rafts trap door to be lined red deal. Painted white. Painting to be knotted, primed, stoppoted. 2 coats of undercoat and 1 coat of high gloss finish. Refer to Specification for further guidance  Covered Skirting/ Floor Finish to be turned up 100mm at all walls to form a bonded skirting. Refer to Specification for further guidance
General Notes: All floor finishes to be installed in accordance with manufacturers instructions and details	

R01	26.03.17	AAM/AE	Revision / Inclusion of Details
R02	xx.xx.xx	XOX	First Tender Draft
Revision	Date	Drawn	Notes

DMA
ARCHITECTS

Project: 25-017
Client Name: Marillac Housing - Wilmou

Drawing Name: Proposed Plan

Scale: 1 : 5

Depend: All

0.000000

Drawing No.: TDI

Start Date: 26.03.

Revision: RC

Checked: D

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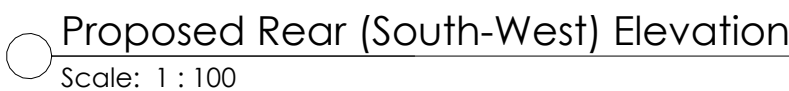
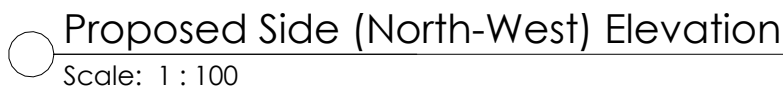
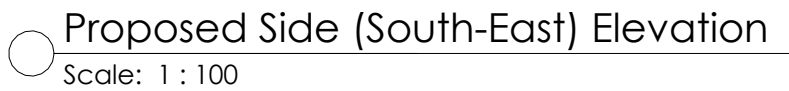
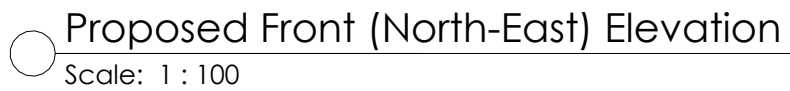


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. ROOFLIGHTS .								
	NAME	WIDTH	HEIGHT	COUNT	DESCRIPTION	FINISH	GLAZING	U-VALUE
	RLA	780.0	1600.0	1	Velux GGL MK10 or similar approved Skylight.	Welded and Powder Coated Aluminium Frame with the Standard Colour RAL 7043. Gloss 30 as per manufacturer's specifications and details.	Clear Triple Glazing	0.8W/KM2

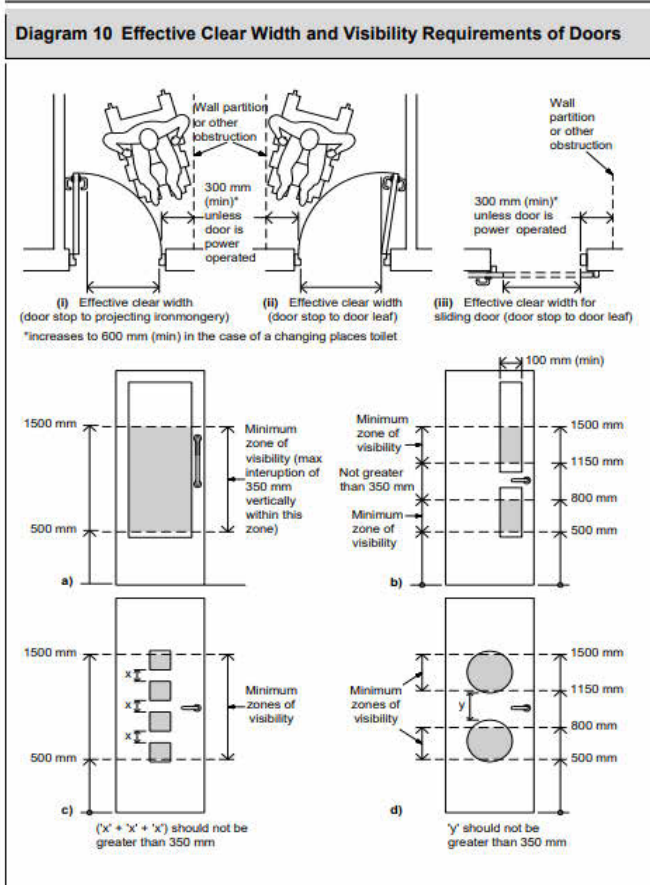
Kickplate
Type: Fire-rated stainless steel kickplate
Size: Fire-rated Grade 304 brushed stainless steel, min. 1.2mm thick
Size: Full door width x 150–300mm height (as required)
Finishing: Screw-fixed or adhesive-fixed (non-combustible fixings)
Purpose: Protects lower section of door leaf from impact damage while maintaining fire integrity

Door Closer
Type: Overhead fire-rated door closer
Standard: EN 1154, CE-marked, suitable for FD30s applications
Features: Adjustable closing speed, backcheck, and delayed action (where specified)
Mounting: Fully compliant with fire door certification
Finishing: Surface-mounted or concealed, as per door design

Signage – “Fire Door Keep Shut”
Type: Circular mandatory fire safety sign
Text: “Fire Door Keep Shut”
Standards: ISO 7010 / EN ISO 3864-1, compliant with Irish Health & Safety regulations
Size: Min. 76mm diameter
Material: Durable rigid plastic or aluminium, scratch/fade-resistant
Fixing: Fixed to both sides of door leaf at 1400–1600mm height from FFL

Fire-Rated Ironmongery
Hinges: Minimum 3x10, stainless steel grade 13 hinges, BS EN 1935 certified, fire-rated for 30 mins
Locks/Latches: CE-marked, fire-rated mortice lock/atch to BS EN 12209
Handles/Levers: Fire-rated, lever-type handles in stainless steel or satin chrome finish

All Components: Must be compatible with FD30s door leaf certification and filled in accordance with manufacturer’s instructions to maintain integrity



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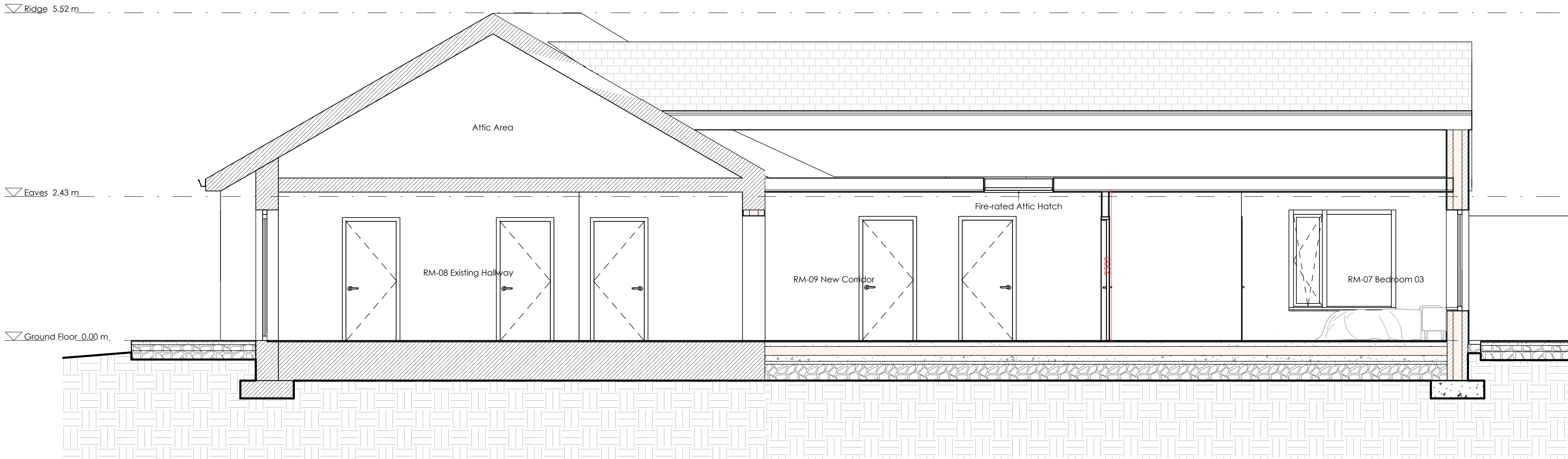
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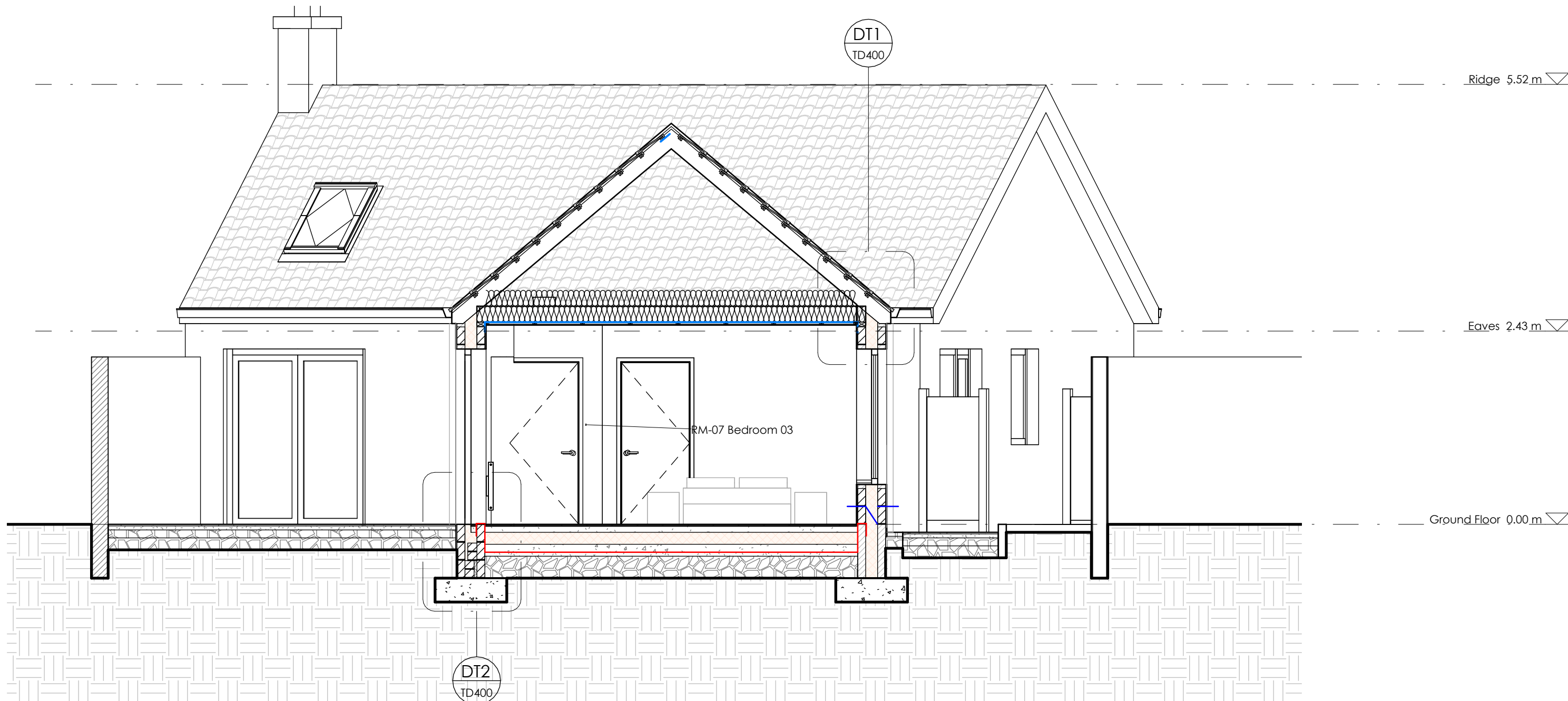
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ALL WORKS TO COMPLY WITH HEALTH & SAFETY ACT



Proposed Section A
Scale: 1 : 50



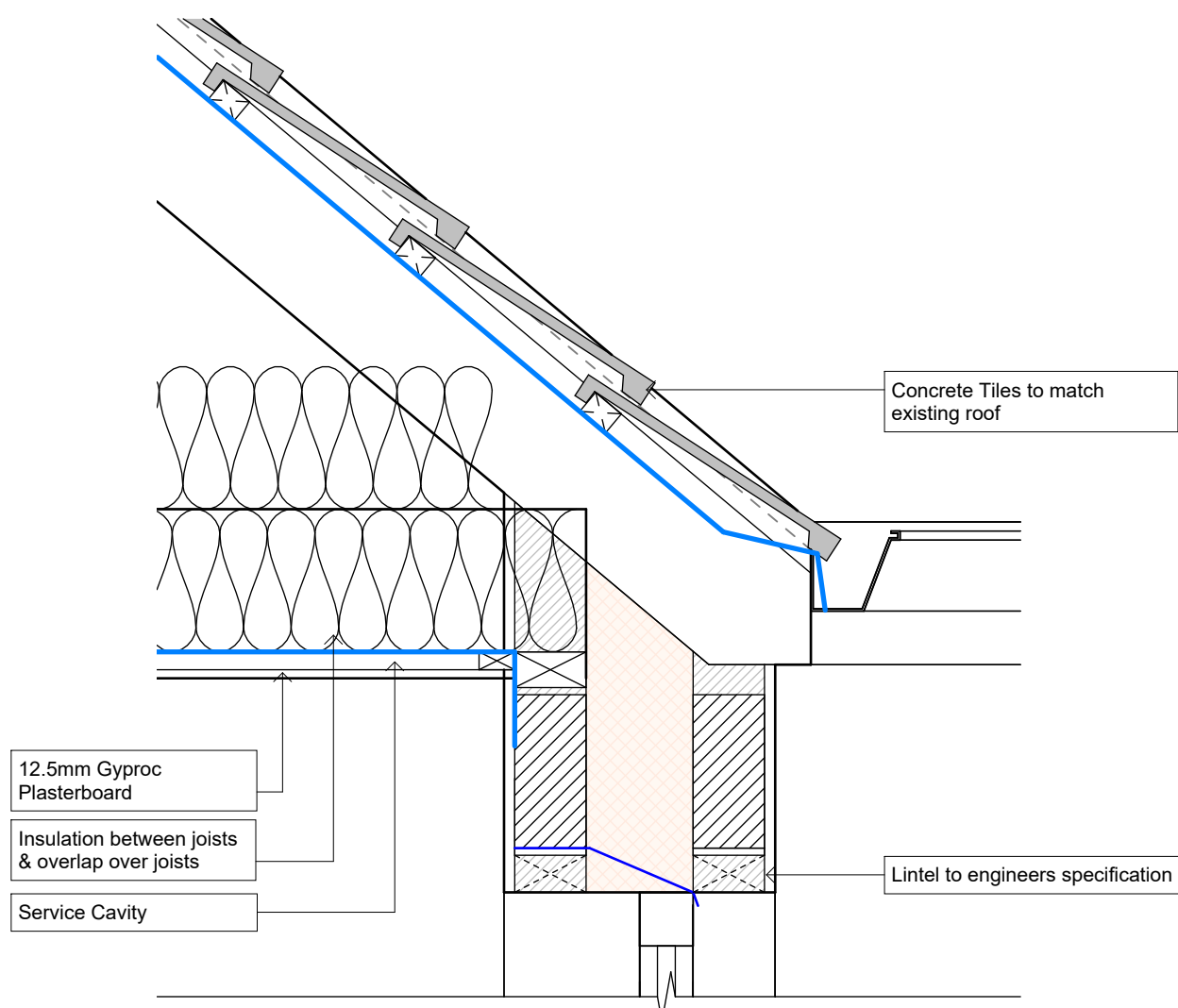
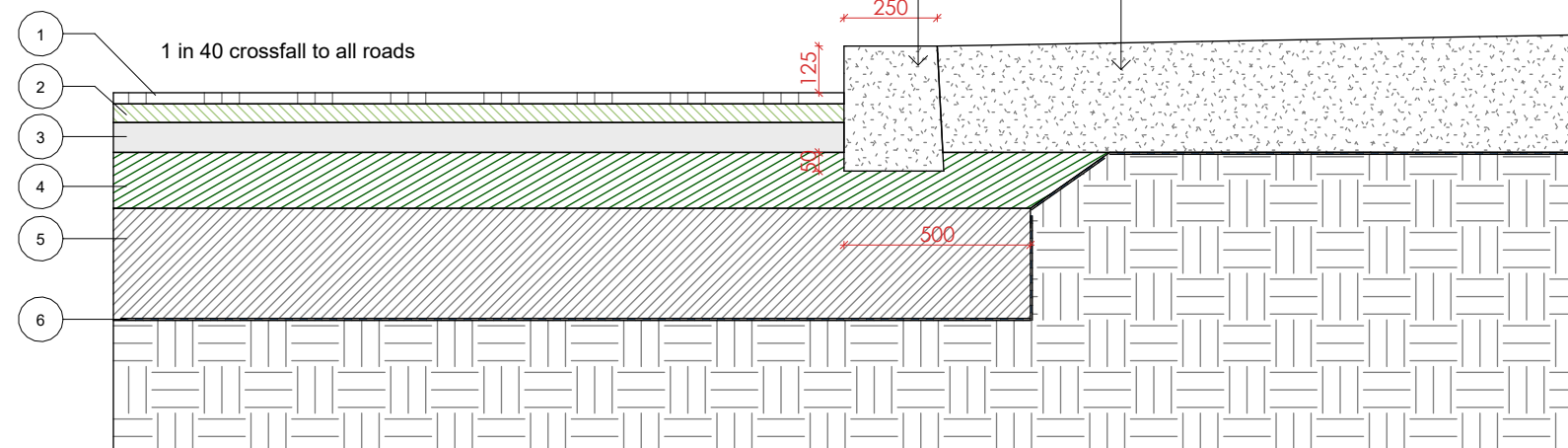
Proposed Section B
Scale: 1 : 50

- 30mm AC 10 open surf 70/100 des. Laid in accordance with transport infrastructure Ireland - Specification for road works Series 900: Clause 942 Thin Surface Course System
- 50mm AC 20 HDM Bin 40/60 Des. Laid in accordance with transport infrastructure Ireland - Specification for road works Series 900: Clause 906: Dense base and binder course asphalt concrete (Recipe Mixtures)
- 80 AC 32 HDM Base 40/60 Des. Laid in accordance with Transport infrastructure Ireland - Specification for road works Series 900: Clause 906: Dense base and binder course asphalt concrete (Recipe Mixtures)
- Sub-Base: 150mm thickness (compacted) granular material Type B in accordance with Clause 804 "Specification for Roadworks by the Department of Environment"
- Capping Layer: Thickness 300mm or as required to make levels unless otherwise noted. Capping hardcore 6P2 Granular Fill material or similar approved material. The material should be well graded throughout the sizes.
- Geotextile - Terram 2000 or similar approved

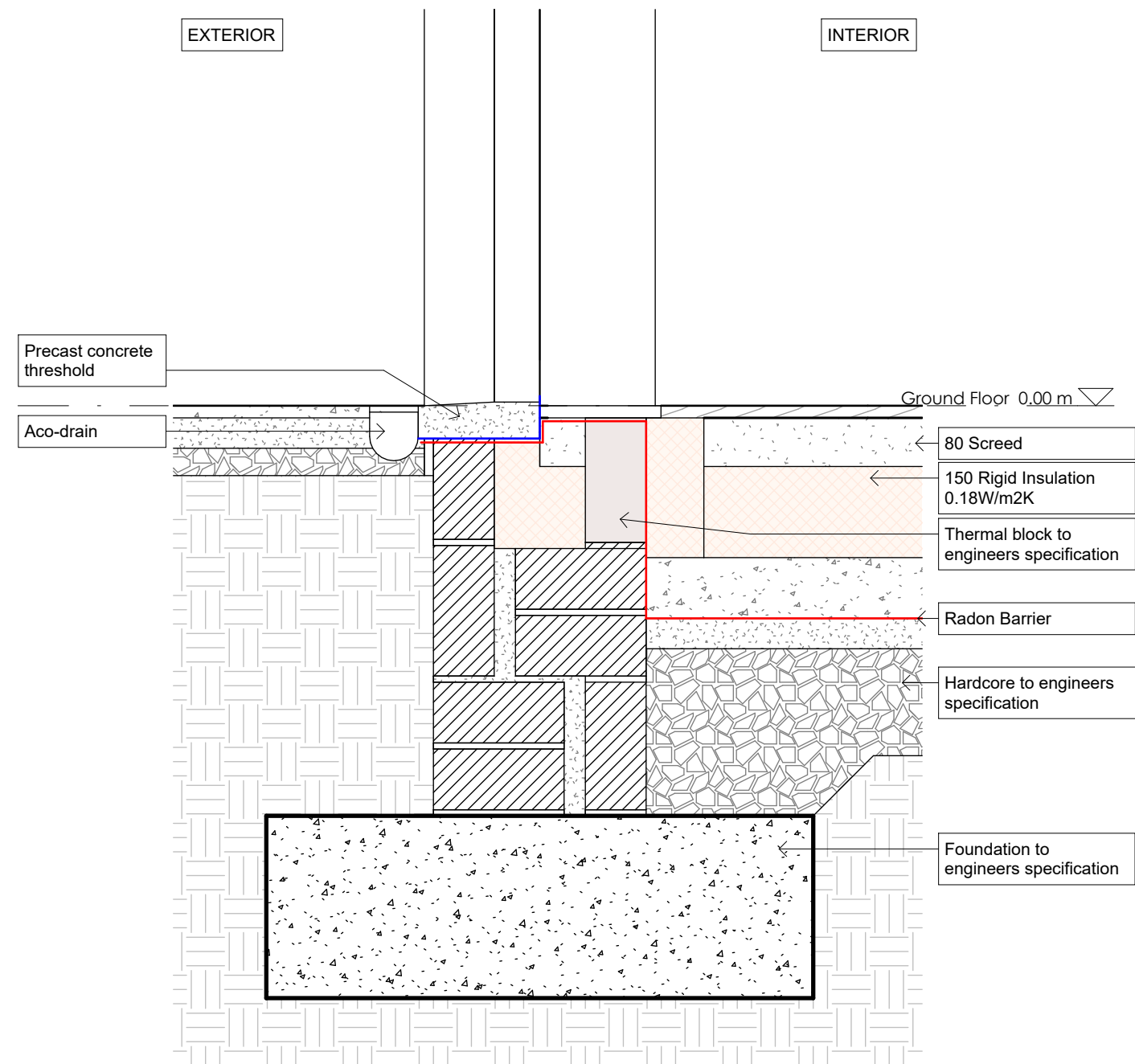
Bond Coat
A bond coat shall be sprayed onto all surfaces including HBM layers prior to laying all bituminous products to improve the adhesion between layers and increase the impermeability of the underlying layer. **Minimum rate of 0,30kg/m² of residual binder**

Cast in situ concrete Kerbs (C40/50 XF4)

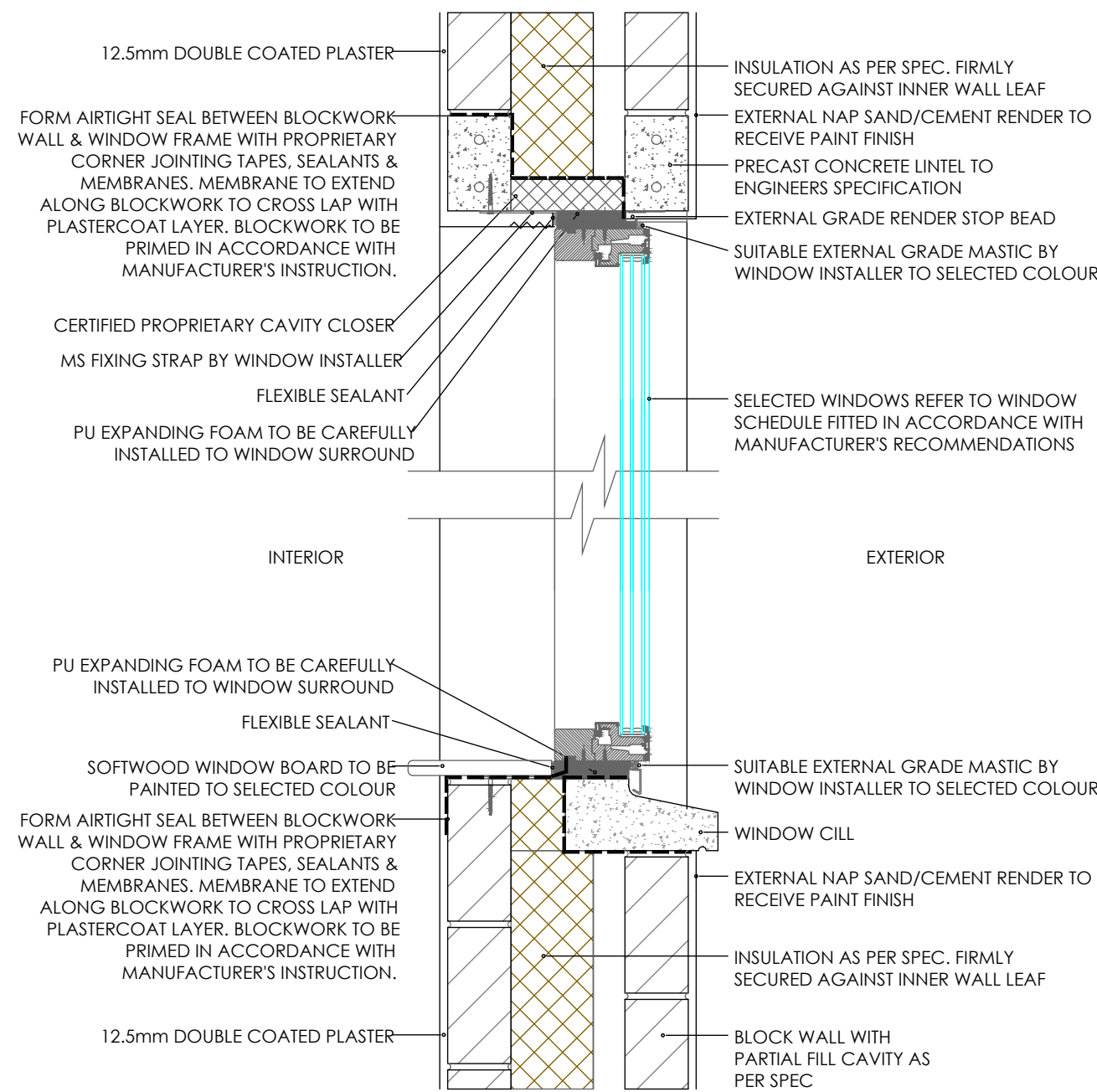
Soil



Detail DT1 - Eaves
Scale: 1 : 10



Detail DT2 - Threshold
Scale: 1 : 10



Generic Window Cill and Top Detail
Scale: 1 : 10

Rev	Date	Drawn	Notes
001	26.03.12	AMM	Initial Design
002	26.03.12	AMM	Design Development
003	26.03.12	AMM	Final Design
004	26.03.12	AMM	Construction

DMA
ARCHITECTS

Project: 25/017
Client Name: Malika Housing - Wilmount
Drawing Name: Proposed Sections & Details
Scale: As Indicated
Drawn: AMM
Drawing No: TD400
Start Date: 26.03.12
Revision: 001
Checked: DMA

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GROUP ASSEMBLY AND RECREATION
REGULATION COMPLIANCE

Technical Guidance Document - Part B
Purpose Group: 5 - Assembly and Recreation.
To be design in accordance to LD1 min fire alarm required.
Fire Safety Certificate is required, Contractor to comply with all requirements. If discrepancies are found, Architect must be contacted prior to completion of the works.
30 minutes Protected Corridor & Fire Doors:
30 minutes Fire Rated Ceiling & Attic Hatch;

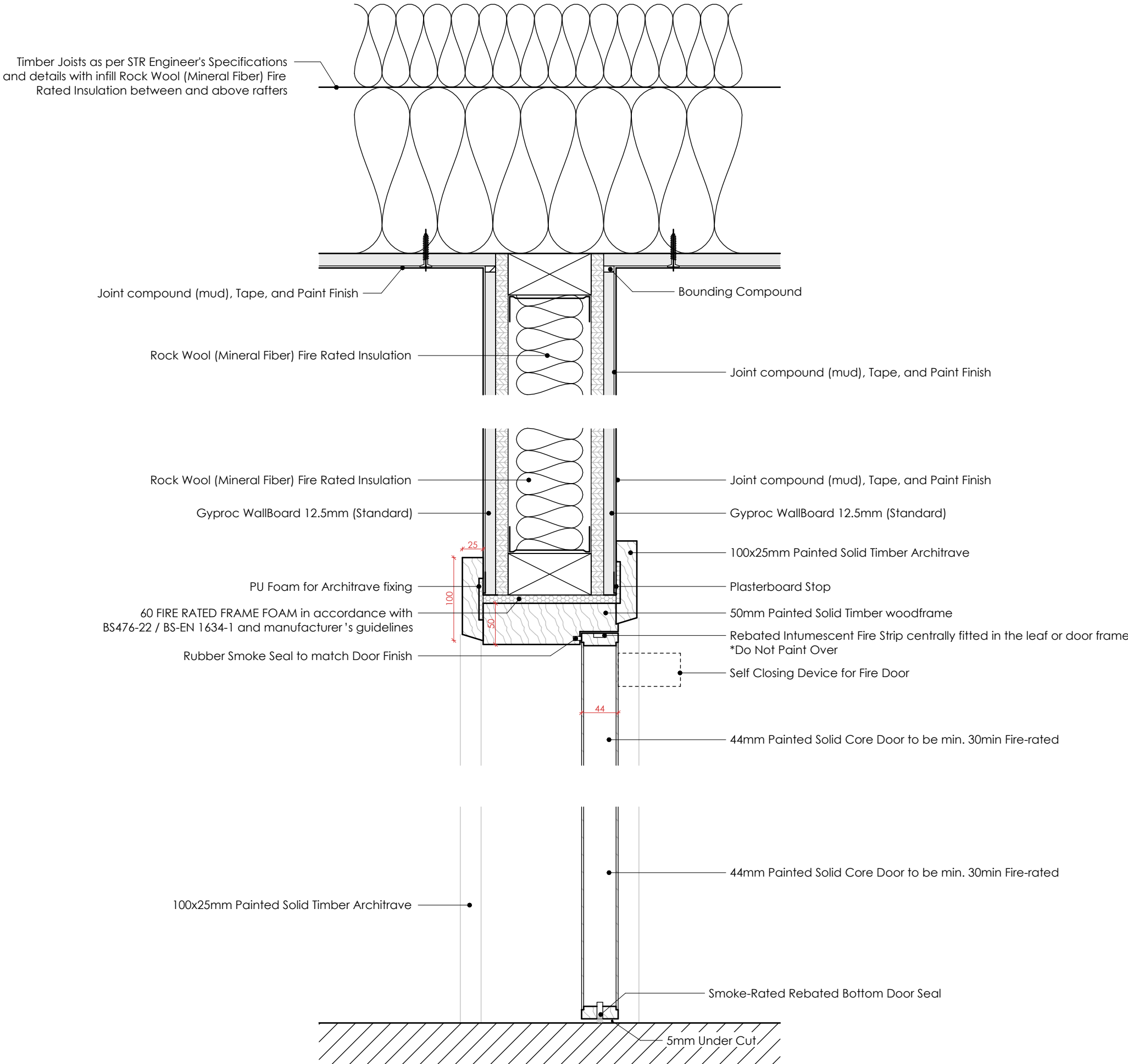
Part M TGD
DAC is required, Contractor to comply with all requirements. If discrepancies are found, Architect must be contacted prior to completion of the works.

*Fire Resisting Walls/Floors achieving 30 minutes fire resistance rating (Stability, integrity & insulation) in accordance with BS476: Part 8/20-24 & Relevant recommendations of Appendic A of I.G.D, Part B, 2024 - to extend full storey height in the case of a wall or to underside of ceiling platform achieving the above fire resistance rating above and below the ceiling.

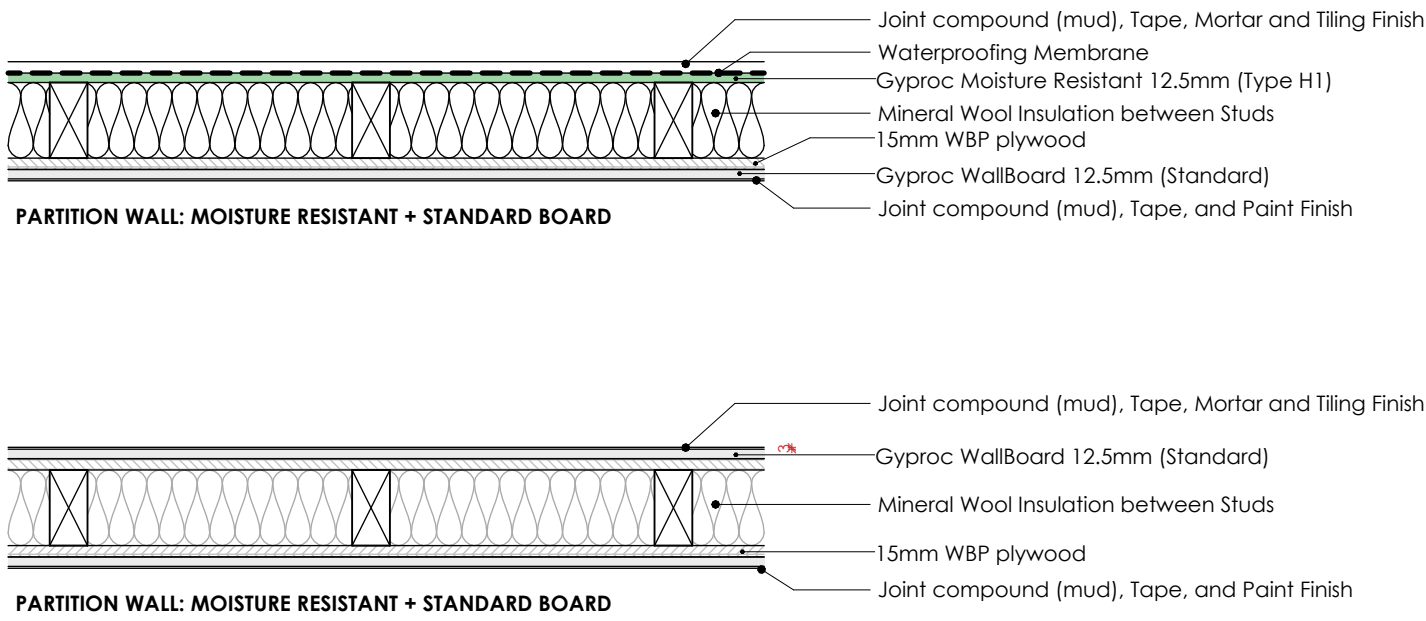
*Fire Resisting doorset to have not less than 30 minutes integrity rating in accordance with BS476: Part 8/20-22 & fitted with cold smoke seals achieving a leakage rate not exceeding 3m2/hr (Head & Jamb) when tested at 25Pa under BS476: Section 31.1. The doorset to be fitted with an automatic self-closing devise capable of closing the door from any angle.

GENERAL NOTES - PROPOSED DRYWALLS

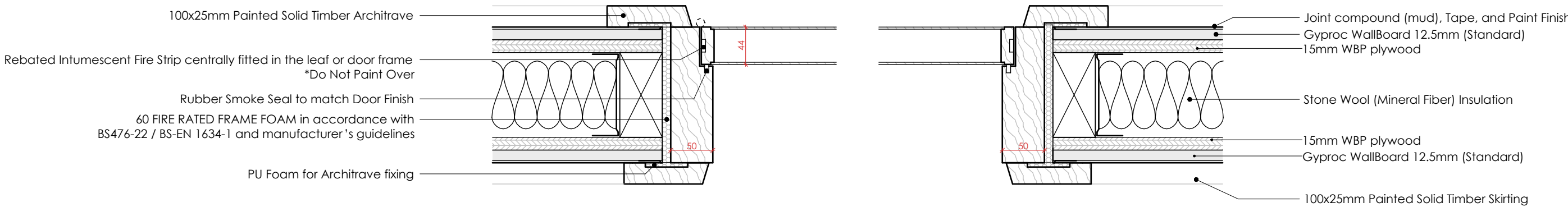
1. ALL PROPOSED DRYWALL PARTITIONS TO BE FORMED IN TIMBER STUD SYSTEM UNLESS NOTED OTHERWISE.
2. DRYWALL SYSTEMS TO COMPLY WITH THE BUILDING REGULATIONS 1997-2023, INCLUDING TGD PART A (STRUCTURE), PART B (FIRE SAFETY), PART E (SOUND) AND PART M (ACCESS AND USE).
3. PARTITION TYPES, STUD SIZES, BOARD TYPES AND LININGS TO ACHIEVE THE REQUIRED FIRE RESISTANCE, ACOUSTIC PERFORMANCE AND ROBUSTNESS AS INDICATED ON DRAWINGS AND SCHEDULES.
4. ALL DRYWALL PARTITIONS TO EXTEND FULL HEIGHT FROM STRUCTURAL FLOOR TO UNDERSIDE OF STRUCTURAL SOFFIT UNLESS NOTED OTHERWISE.
5. PROVIDE FIRE-STOPPING AND ACOUSTIC SEALING AT ALL HEADS, PERIMETERS, PENETRATIONS AND JUNCTIONS IN ACCORDANCE WITH TGD PART B AND MANUFACTURER'S DETAILS.
6. ALL SERVICE PENETRATIONS THROUGH DRYWALL PARTITIONS TO BE SEALED WITH APPROVED FIRE-STOPPING SYSTEMS TO MAINTAIN THE REQUIRED FIRE AND ACOUSTIC RATING.
7. COORDINATE ALL DRYWALL PARTITIONS WITH MECHANICAL, ELECTRICAL AND WATER SERVICES; PROVIDE OPENINGS, STUD NOGGINS AND SUPPORTS AS REQUIRED.
8. PROVIDE ADDITIONAL NOGGINS AND REINFORCEMENT TO SUPPORT SANITARY FITTINGS, GRAB RAILS, WALL-MOUNTED EQUIPMENT, CASEWORK AND ACCESSORIES.
9. DRYWALL SYSTEMS IN WET AREAS TO BE FORMED USING MOISTURE-RESISTANT BOARDS AND SUITABLE FINISHES.
10. DRYWALL SYSTEMS IN HEALTHCARE / DAY CENTRE AREAS TO BE ROBUST, IMPACT-RESISTANT AND SUITABLE FOR HIGH-TRAFFIC USE.
11. ALL JOINTS TO BE TAPED, FINISHED AND PREPARED TO RECEIVE FINISHES AS SPECIFIED.
12. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE DRYWALL SYSTEM MANUFACTURER'S RECOMMENDATIONS AND GOOD BUILDING PRACTICE.



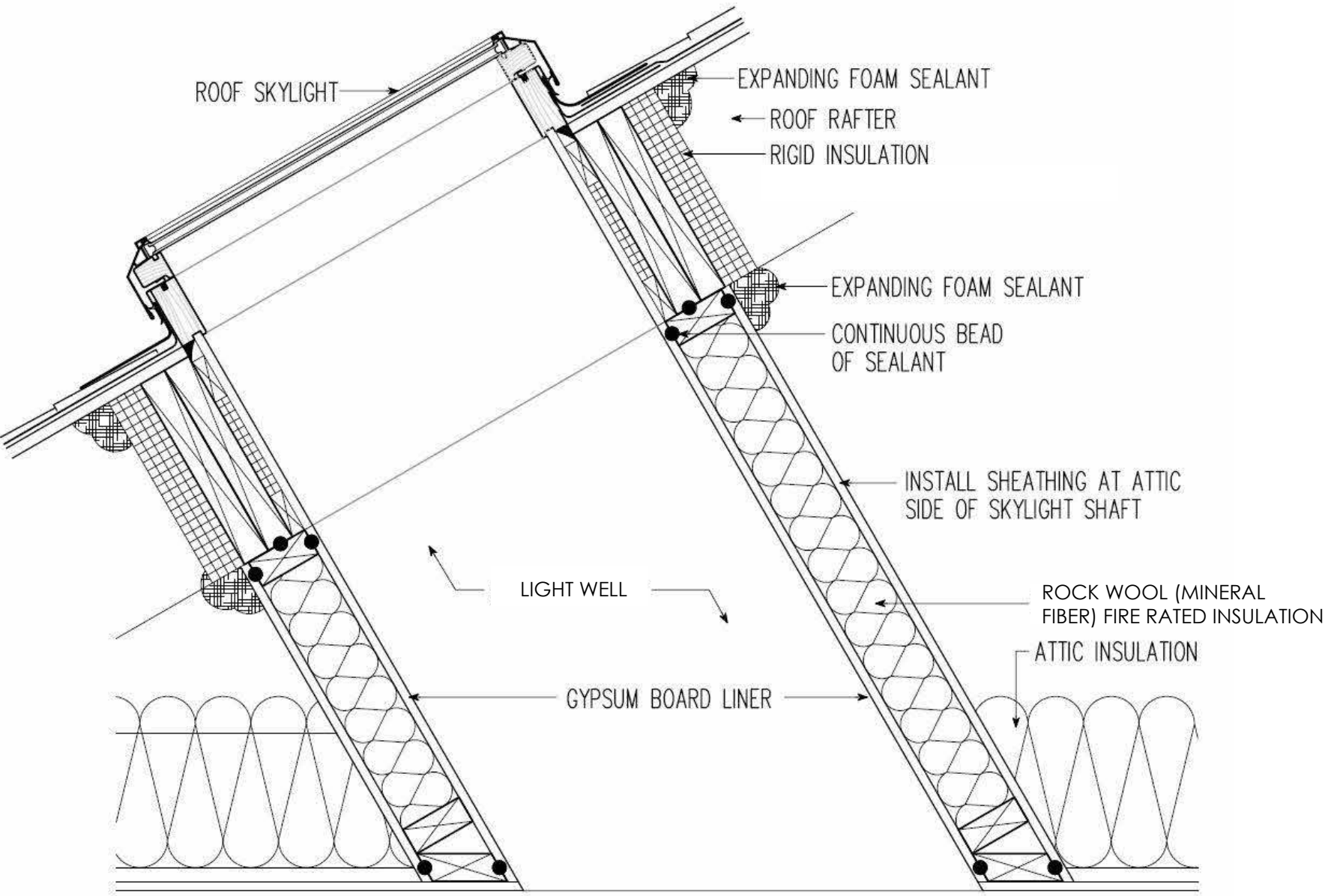
Fire Door Jamb Detail - Section
Scale: 1 : 5



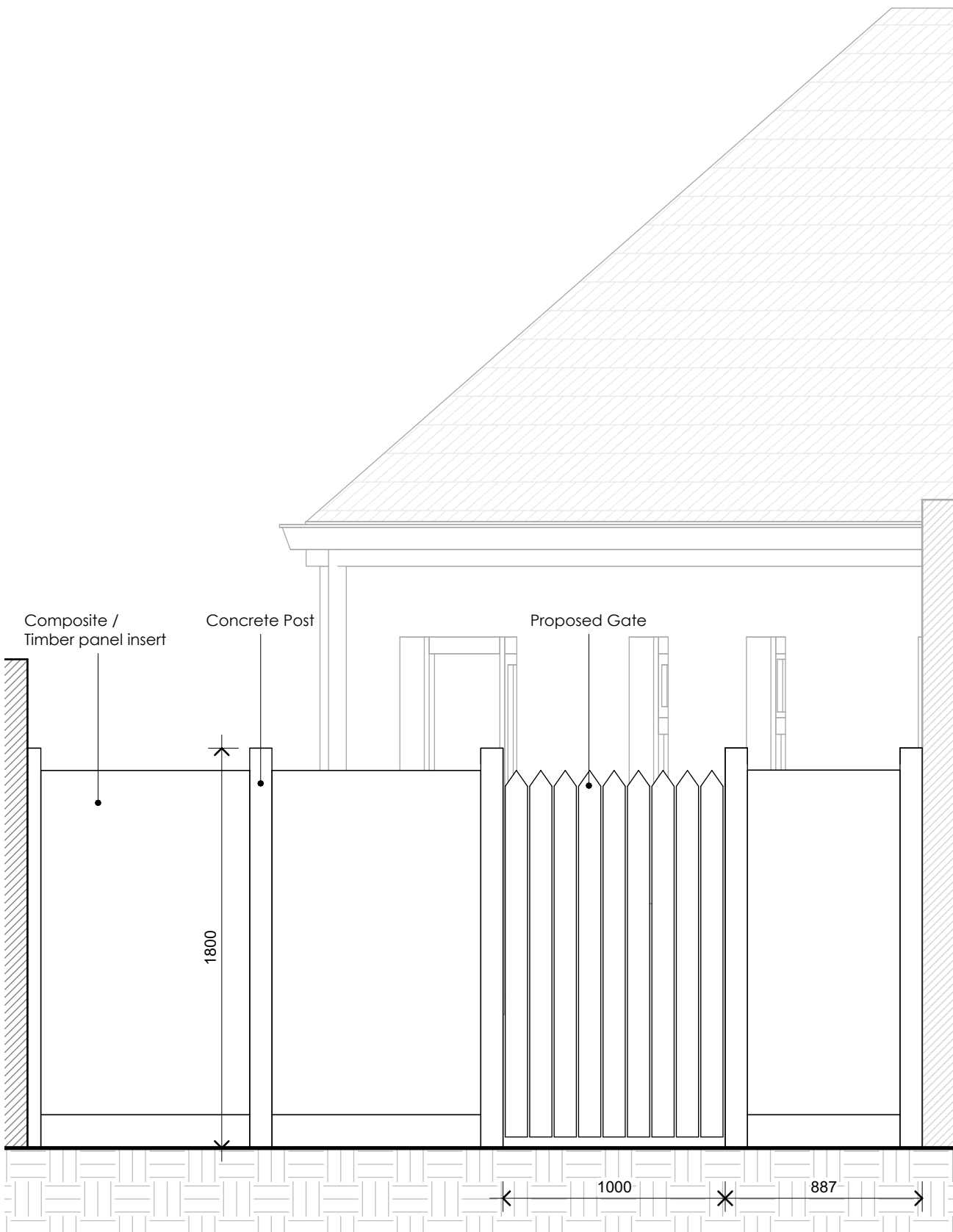
Drywall Partition Details
Scale: 1 : 10



Fire Door Jamb Detail - Plan
Scale: 1 : 5



Light Well above Kitchen - Detail
Scale: 1 : 10



Section F.F
Scale: 1 : 25

Revision	Date	Drawn	Notes
001	26.03.12	ANNA	Developer / inclusion of Details
002	26.03.12	ANNA	Final Section Detail

DMA
ARCHITECTS

WWW.DMAARCHITECTS.CO.UK
Room 6, Castle Sandringham, Norfolk
Telford, Shropshire
HQ: 01927 6497313

Project: 25-017
Client Name: Maitika Housing - Wilmount
Drawing Name: Proposed Details
Scale: As Indicated
Drawn: ANM
Drawing No.: 10401
Start Date: 26.03.12
Revision: 001
Checked: DMA



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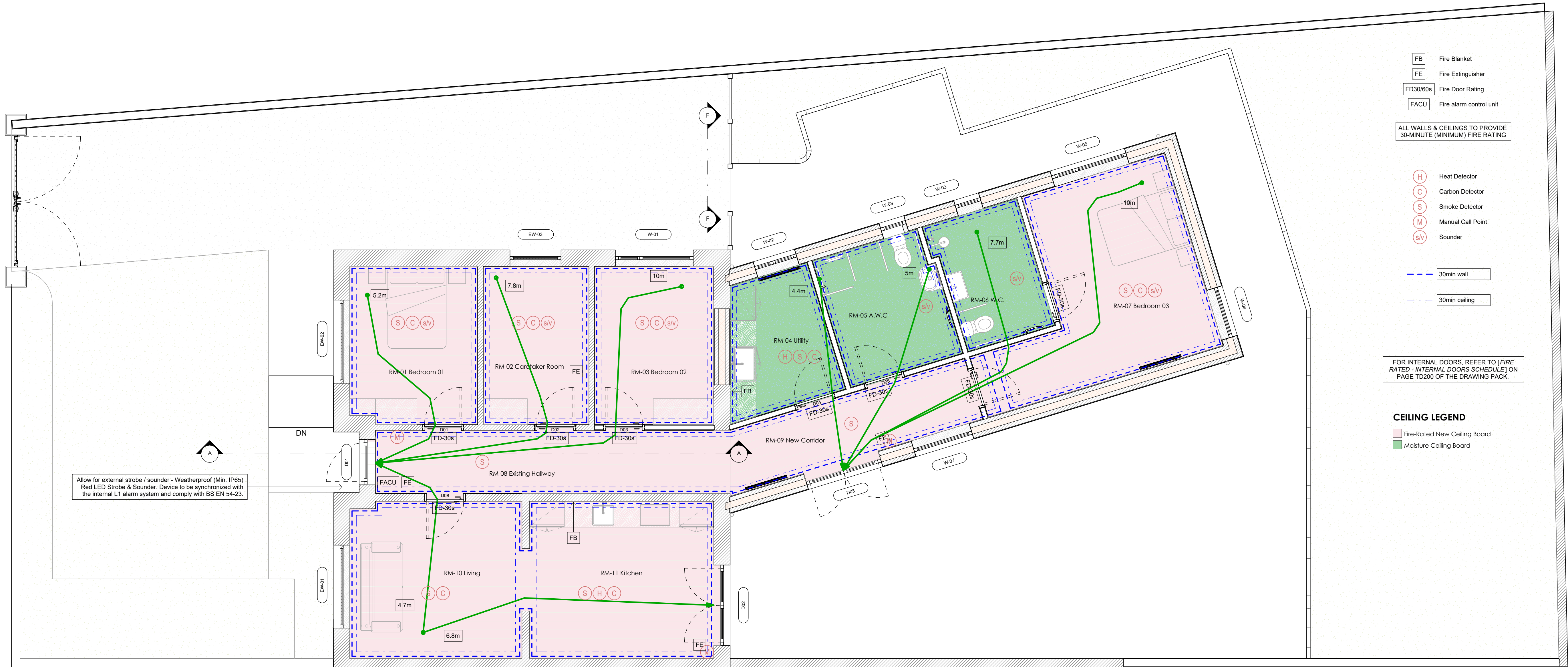
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ALL WORKS TO COMPLY WITH HEALTH & SAFETY ACT



- FB Fire Blanket
- FE Fire Extinguisher
- FD30/60s Fire Door Rating
- FACU Fire alarm control unit

ALL WALLS & CEILINGS TO PROVIDE 30-MINUTE (MINIMUM) FIRE RATING

- H Heat Detector
- C Carbon Detector
- S Smoke Detector
- M Manual Call Point
- s/v Sounder

30min wall

30min ceiling

FOR INTERNAL DOORS, REFER TO [FIRE RATED - INTERNAL DOORS SCHEDULE] ON PAGE TD200 OF THE DRAWING PACK.

CEILING LEGEND

- Fire-Rated New Ceiling Board
- Moisture Ceiling Board

Proposed Ground Floor Plan - Fire

Scale: 1 : 50

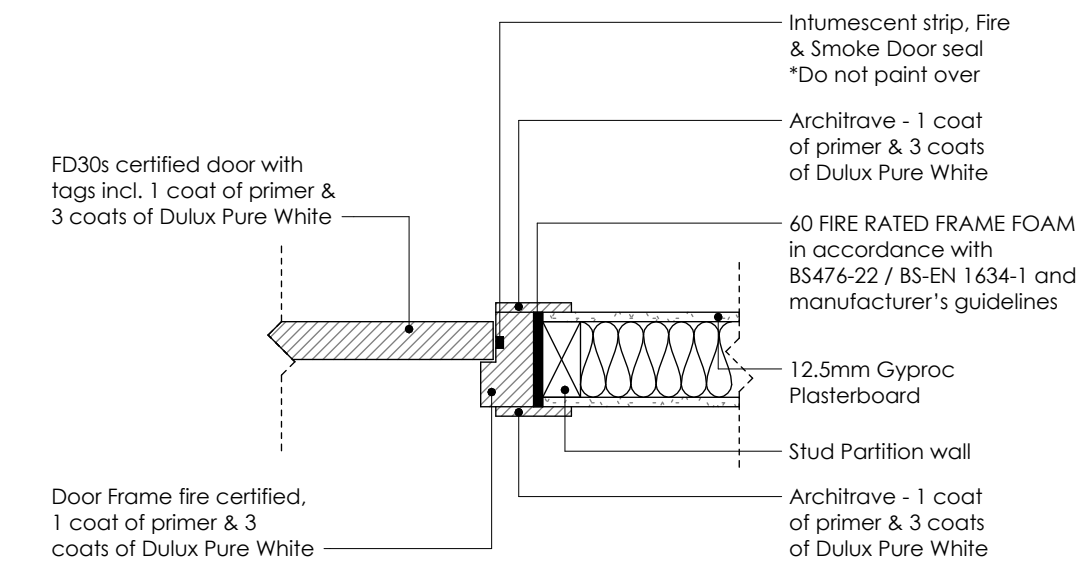


FIRE-RESISTANT DROP-DOWN LOFT ACCESS DOOR WHITE 562MM X 726MM

- Replace existing attic hatch with fire rated access hatch x1un
- New Attic Hatch @ Proposed Extension Area x1un

Fire-rated Attic Hatch

Scale: 1 : 50



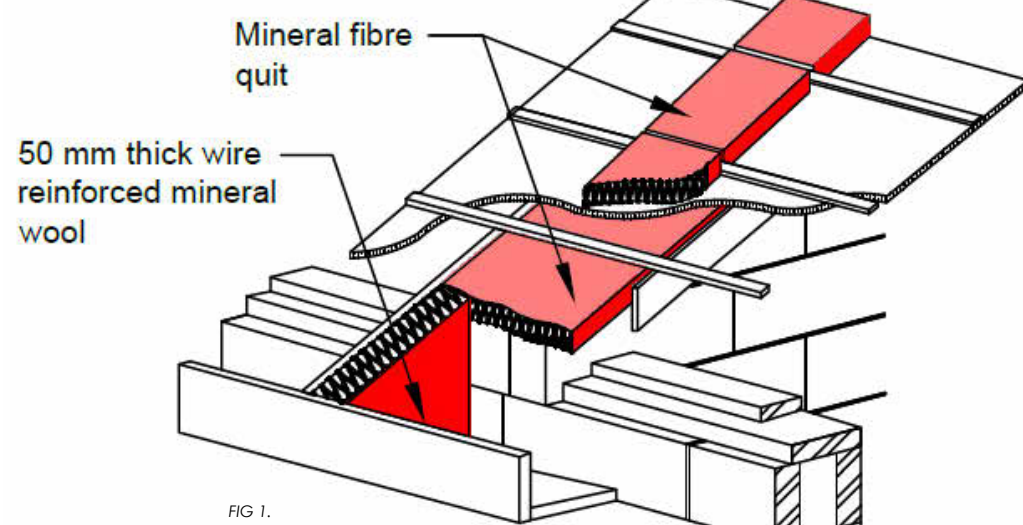
Internal Door Fire-rated Door Detail

Scale: 1 : 10

Junction between the underside of slate and membrane to be filled with mineral wool slab PE backed. Suggested product Rockwool RWA45 40mm thick

Junction between the underside of membrane and top of party wall to be filled with mineral wool 100mm thick compressed to 25mm Suggested product Rockwool Flexi 1200x400, x100 thick

215mm Party wall to be dense concrete block laid on flat. Blockwork to be laid ensuring no gaps. Wall to be taken to max 25mm below top of truss profile. 33.5 degree rate top of block to be formed with conc. infill spec 35 Newton with 10mm chip.



SAFETY FIT-OUT ITEMS TO BE INCLUDED SUPPLIED AND FITTED TO EACH HOUSE:

Kitchen
2 KG dry powder fire extinguisher
Description: Fitted with pressure gauges in base of 2 KG extinguishers to establish pressure level. Manufactured under BSEN ISO 9002 Quality Management System

ABC Dry Powder.

THIRD PARTY APPROVED (1 & 2 KG extinguishers) to BS EN3, 1996. These 2 products are approved for the BVB Boat Safety Scheme, and comply with the recommendations of both the Royal Yachting Association(RYA) and Caravan Council.

MAINTENANCE is negligible. After use, or at the expiry of the manufacturer warranty, replace with a new one.

Fire Blanket
Fire Blanket Fiberglass 1000x1000mm FB 110

Description: Manufactured from three ply material consisting of two layer of woven fibre glass with a fire retardant inner layer. They are provided in clearly labelled PVC wallets with an eyelet for easy mounting and tabs for quick withdrawal ready for use. 110x110cm

This fiberglass fire blanket has been designed to the highest of standards and manufactured with three ply material consisting of two layer of woven fibre glass with a fire retardant inner layer. It's provided in a clearly labelled PVC wallet with an eyelet for easy mounting and tabs for quick withdrawal, so it is ready for use. It's wall-mounted for display to all site users and universally recognisable as fire safety equipment.

- Fire blanket to extinguish fires - Manufactured to highest standards. -3ply material
- Two layers of woven fibre glass and a fire retardant inner. Clearly labelled PVC wallet
- Eyelet for easy wall mounting. - Tabs for quick withdrawal

SPECIFICATION FOR FIRE PROOFING OF OPENINGS

30min fire rated ceiling to 2 storey houses
Areas affected: Holes to ceilings, Electrical cables, Water/Heating pipes, Extraction ventilation, Sewer pipes, Holes to vertical box-out ducts (Fire rated) on ground floor, Sewer pipes connecting to fire rated ducts.

Note: Contractor to install all fire proofing to be installed and prepared in accordance with manufacturers instructions and fire test report recommendations.

Suggested products
Cable Penetration at consumer unit, intruder alarm, individual cables:
• Nullifire FS705 intumescent sealant or /
• FIREUS pressure exerting graphite mastic or /
• Firescreen Silicone

Pipe penetrations up to 30mm, vertical/horizontal:

- Nullifire FS705 intumescent sealant or /
- FIREUS pressure exerting graphite mastic or /
- Firescreen Silicone

Sewer Pipe penetration 100mm vertical application & horizontal application to service duct only:
• Nullifire FP 170 intumescent Pipe collar,
• if the opening in the floor is too large Fire Rated Load bearing mortar may have to be used in the first instance

Ventilation duct penetration 100mm
• Fireus Fire Rated Ceiling fan closures 60min, taken in mechanical package

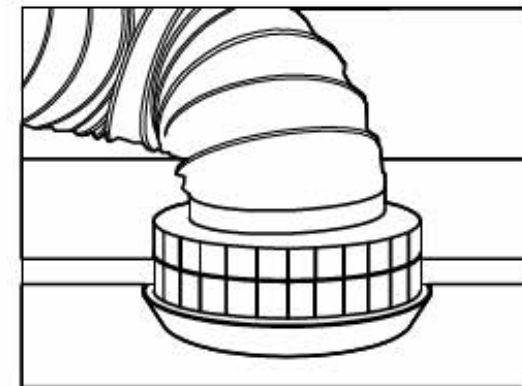


FIG 2

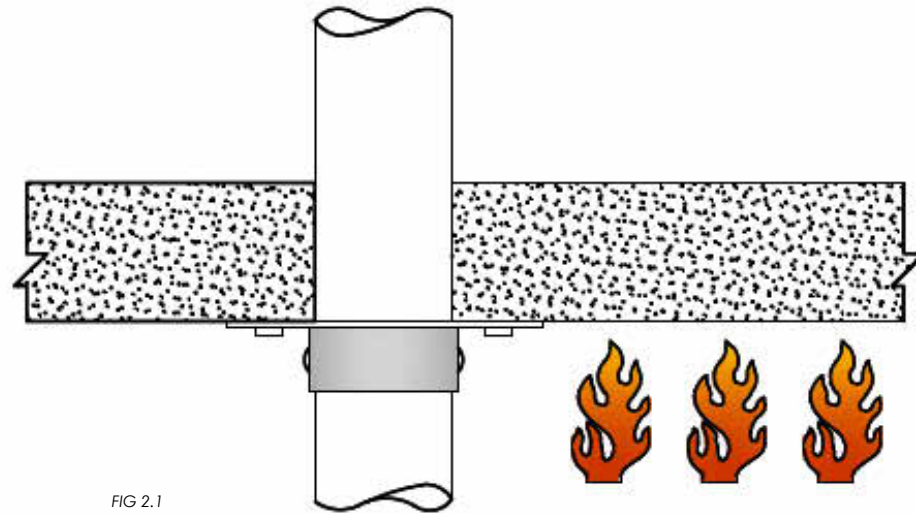


FIG 2.1

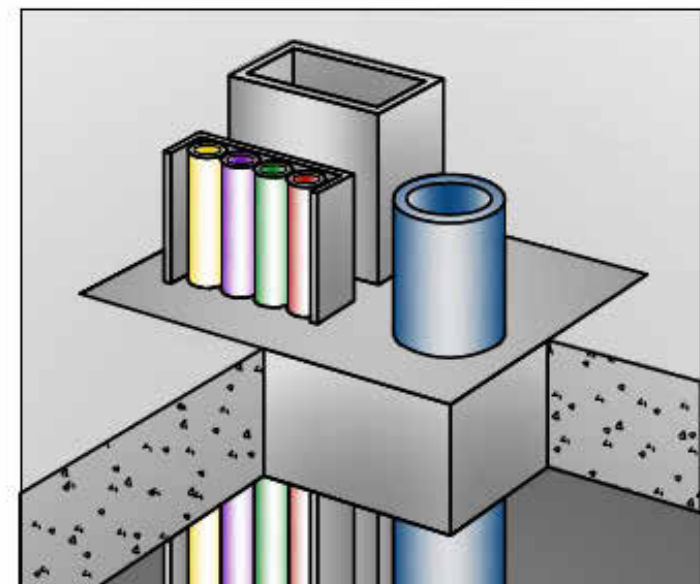


FIG 2.2

DMA ARCHITECTS

Project: 25/017

Client Name: Malika Housing - Wilmount

Drawing Name: Proposed Fire Drawings

Scale: As Indicated

Drawn: AMO

Drawing No: TD500

Start Date: 26.03.12

Revision: B01

Checked: DMA

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TENDER

GENERAL NOTES :

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TOGETHER WITH THE SPECIFICATIONS AND SCHEDULES.

ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS METRES UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS ONLY.

ALL DIMENSIONS ARE TO FACE OF BLOCK OR BRICK OR STUD TYPICALLY UNLESS NOTED OTHERWISE.

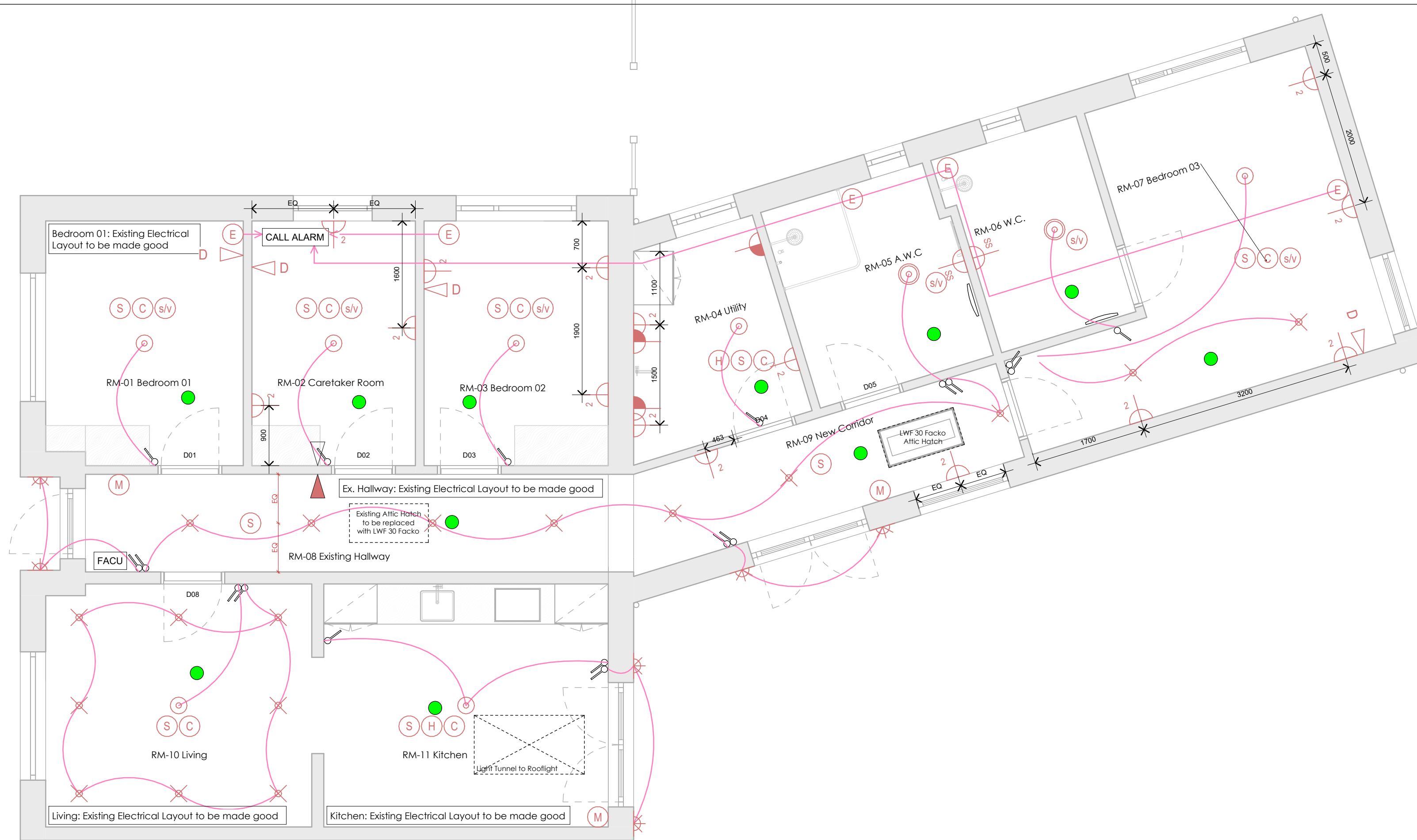
ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS INCLUDING SUBSEQUENT AMENDMENTS & INCLUDING FOR ALL OTHER I.S., B.S., & SR STANDARDS AS SET OUT THEREIN.

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE SETTING OUT, COMMENCING WORK, OR PRODUCING ANY SHOP DRAWINGS.

ALL WORKS TO COMPLY WITH HEALTH & SAFETY ACT

Electrical Symbols Key:

	Emergency light	x11
	Power Socket - 1 Gang	x0
	Power Socket - 2 Gang	x15
	Shaver Socket	x2
	Outdoor Socket	x0
	Isolator Switch	x3
	Switch	x6 Double x6 Single
	Dimmer Switch	x0
	Data Outlet / CAT 6	x1
	Keypad / Card Access	x1
	Release press button	x1
	Contact Sensor	x0
	P1 - Pendant	x7
	P2 - IP65 Pendant	x2
	W1 - Wall Hung Light	x6
	D1 - Downlight Dimmable	x17
	D2 - IP65 Downlight Dimmable	x0
	Heat Detector	x2
	Smoke Detector	x9
	Carbon Detector	x7
	Emergency Staff Call	x5
	Manual Call Point	x3
	Electronic Sounder/Strobes	x6



Prop. Ground Floor - Electrical and Lighting

Scale: 1 : 50

Radiator
Radiator's Connections

COLD / HOT WATER LEGEND

Cold Water Service (CWS)
Hot Water Service Flow (HWS)
Hot Water Service Return (HWSR)
Main Water Service (MWS)

Pipework @ High Level
Pipework @ Low Level Concealed
Pipework @ Underground Level

MHRV LEGEND

Extract Air Grille @100mm and Associated Plenum (EG)
Supply Air Grille @100mm and Associated Plenum (SG)
Heat Recovery Unit (HRU)
ø100mm Vent Pipe
ø75mm Air Duct for Extract
ø75mm Air Duct for Supply
ø250mm Supply and Exhaust Duct to Atmosphere

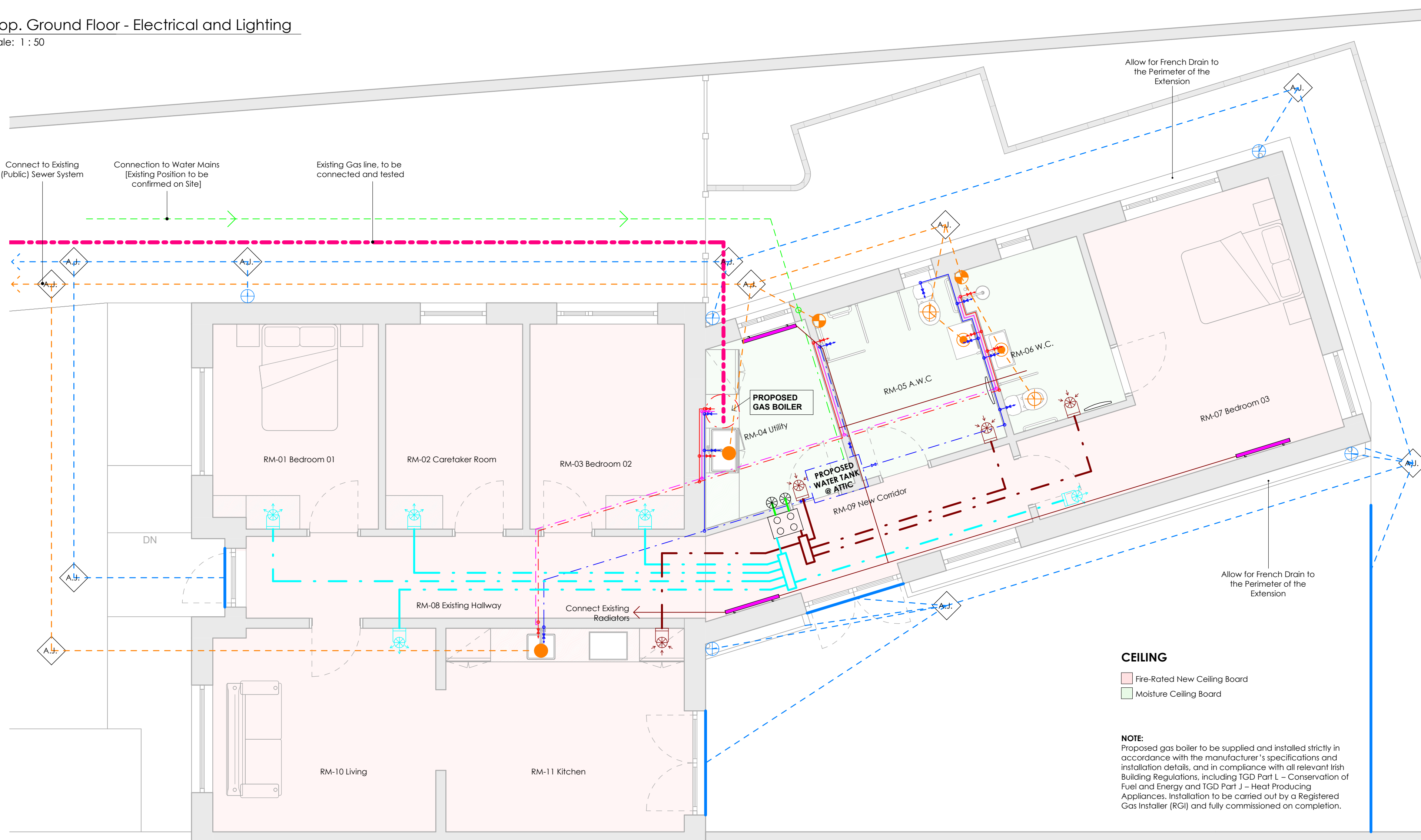
WASTE WATER LEGEND

Access Junction (Inspection Chamber)
ø100mm Waste Pipe to connect to builders upstands at F.F.L.
ø50mm Waste Pipe to connect to builders upstands at F.F.L.
ø40mm Waste Pipe to connect to builders upstands at F.F.L.
ø32mm Waste Pipe to connect to builders upstands at F.F.L.

Pipework @ High Level
Pipework @ Low Level Concealed
Pipework @ Underground Level

STORM WATER LEGEND

Access Junction (Inspection Chamber)
ø100mm Rain Water Pipe to connect to builders upstands at F.F.L.
Aco Headrain Bricklot Drain to Perimeter of the External Doors
Pipework @ Underground Level



CEILING

Fire-Rated New Ceiling Board
Moisture Ceiling Board

NOTE:

Proposed gas boiler to be supplied and installed strictly in accordance with the manufacturer's specifications and installation details, and in compliance with all relevant Irish Building Regulations, including TGD Part L - Conservation of Fuel and Energy and TGD Part J - Heat Producing Appliances. Installation to be carried out by a Registered Gas Installer (RGI) and fully commissioned on completion.

PROJECT SPECIFIC NOTES:

DRAINAGE: Contractor to survey and verify all existing access junctions and invert levels prior to commencement; existing chambers shall be cleared and made good to TGD Part H standards. New pipework must be connected to the existing system using flexible couplings or rocker pipes to accommodate differential settlement, ensuring all connections are watertight and approved by the Site Engineer before backfilling.

WATER STORAGE AND CONNECTIONS: Contractor shall survey and verify the condition and routing of all existing mains, hot and cold water pipework prior to commencement; any retained services must be inspected and made good on-site to ensure full functionality. All new pipework is to be professionally integrated into the existing system.

ELECTRICAL GENERAL NOTES:

- ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE NATIONAL RULES FOR ELECTRICAL INSTALLATIONS, I.S. 10101:2020 (EDITION 5) AND ALL SUBSEQUENT AMENDMENTS.
- THE MECHANICAL AND ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL CURRENT BUILDING REGULATIONS.
- THE MECHANICAL AND ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF ALL SERVICES.
- ALL ELECTRICAL WORKS SHALL BE PRICED IN ACCORDANCE WITH THE WORKS REQUIREMENTS DOCUMENTATION, INCLUDING THE ELECTRICAL PRICING AND SPECIFICATION DOCUMENTS.
- THE CONTRACTOR SHALL CARRY OUT A SITE SURVEY AS PART OF THE PRICING WORKS AND CONFIRM THE LOCATION OF THE EXISTING MAIN BOARD. THE SITE SHALL REMAIN LIVE AT ALL TIMES; THEREFORE, ALLOWANCE SHALL BE MADE FOR A TEMPORARY BOARD AND VOLTAGE-REGULATING BACKUP GENERATOR UNTIL THE NEW MAIN BOARD IS INSTALLED AND COMMISSIONED.
- THE INSTALLATION SHALL COMPLY WITH THE CURRENT EDITIONS OF THE ES8 CUSTOMER INTERFACE AND THE EIRCOM BUILDERS GUIDE.
- THE CONTRACTOR SHALL USE WITH THE ES8 AND EIRCOM AREA ENGINEERS REGARDING THE PROVISION OF SERVICES TO AND THROUGHOUT THE SITE.
- THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH I.S. 10101 REQUIREMENTS, INCLUDING:
 - RCD PROTECTION TO ALL LIGHTING CIRCUITS;
 - ARC FAULT DETECTORS DEVICES (AFDD'S) TO BE FITTED;
 - COMPLIANCE WITH EMC DIRECTIVE;
 - CABLES TO BE RATED CLASSES DCA S2, D2, A2 IN ACCORDANCE WITH EN 50575;
 - DISTRIBUTION BOARDS TO BE NON COMBUSTIBLE;
 - TYPE AC RCDS NOT TO BE USED;
- RCDS FOR ELECTRIC VEHICLE CHARGING POINTS SHALL BE SPECIALIST TYPES SUITABLE FOR EV CHARGERS.

VENTILATION GENERAL NOTES:

- ALL DUCTWORK AT HIGH LEVEL;
- SUPPORT & BRACKET STEEL NOT SHOWN;
- RADIUS TEE AND SWEEP BRANCHES ONLY ON RECTANGULAR DUCTING;
- SHOE BRANCHES FOR CIRCULAR DUCT TO RECTANGULAR DUCT;
- ANGLED BRANCH FOR RECTANGULAR DUCTING TO RECTANGULAR DUCTING;
- EXCESSIVE VIBRATION AND NOISE TO BE ATTENUATED TO ENGINEERS SATISFACTION;
- BOTH SUPPLY & EXTRACT DUCTWORK ARE TO BE FULLY INSULATED;
- THE MECHANICAL CONTRACTOR SHALL COMPLY WITH THE CURRENT REGULATION;
- THE MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL RADIATORS, FCU, HRU AND OTHER EQUIPMENT WILL FIT IN THE POSITIONS INDICATED PRIOR TO ORDER.

WATER SERVICES GENERAL NOTES:

- DRAIN COCKS TO BE FITTED ON ALL LOW POINTS;
- SERVICE VALVES TO ALL APPLIANCES;
- CONTRACTOR TO CO-ORDINATE SERVICES WITH ROOM FURNITURE;
- ØALL SIZES SHOWN IN MILLIMETERS;
- INSULATE ALL PIPE WORK IN VOIDS AND FLOOR SCREED;
- ALL PIPE WORK AND APPLIANCES TO BE FIRMLY SECURED TO WORKTOPS AND SURFACES;
- TIMED SPRAY TAPS ON ALL WHB, DUAL FLUSH ON ALL WC;
- WATER METERS TO BE METRIC AND SUITABLE FOR FUTURE DIGITAL OUTPUT;
- ALL WATER SERVICES PIPEWORK IN MULTILAYER PRE-INSULATED PLASTIC;
- MAXIMUM DEAD LEGS 2M;
- NO EXPOSED PIPE PERMITTED, DROP PIPES IN STUD PARTITIONS AND ROUTE IN CEILING VOIDS;
- TO BE CARRIED OUT ON ALL SYSTEM, EXISTING AND NEW INSTALLATION, A PRESSURE AND FLOW RATE TEST;
- TO BE CARRIED OUT A WATER QUALITY TEST.

GENERAL DRAINAGE UPVC NOTES:

- ALL STACKS TO BE VENTED TO ROOF;
- HORIZONTAL BRANCHES SLOPE 1:40;
- ALL BUILDERS POP UPS Ø100;
- RODDING EYE AT END OF EACH HORIZONTAL BRANCH;
- ALL STACKS TO BE BRACKETED SECURELY;
- ALL PIPES THAT PASS THROUGH FIRE WALLS AND FLOOR SLABS TO BE FIRE STOPPED AND PROVIDED WITH FIRE COLLARS;
- ALLOW FOR ALL WC CONNECTORS, BATH SUPPORTS ETC;
- WASTE TRAPS REQUIRED FOR EACH OUTLET;
- ALL ABOVE GROUND SOIL & WASTE PIPEWORK BY MECHANICAL CONTRACTOR, ALL BELOW GROUND PIPEWORK BY MAIN BUILDING CONTRACTOR;
- ALL INTERNAL WASTE PIPES TO BE LOW NOISE AND FULLY INSULATED.

Rev	Date	By	Description
001	26.03.22	ANNA	Design / Inclusion of Details
002	26.03.22	JOE	Post Tender Draft
Revision	Date	Drawn	Notes

DMA
ARCHITECTS

Project: 25/017

Client Name: Malika: Housing - Wilmount

Drawing Name: Proposed Electrical & Mechanical - Plans

Scale: As Indicated

Drawn: AMO

Drawing No.: 10460

Start Date: 26.03.22

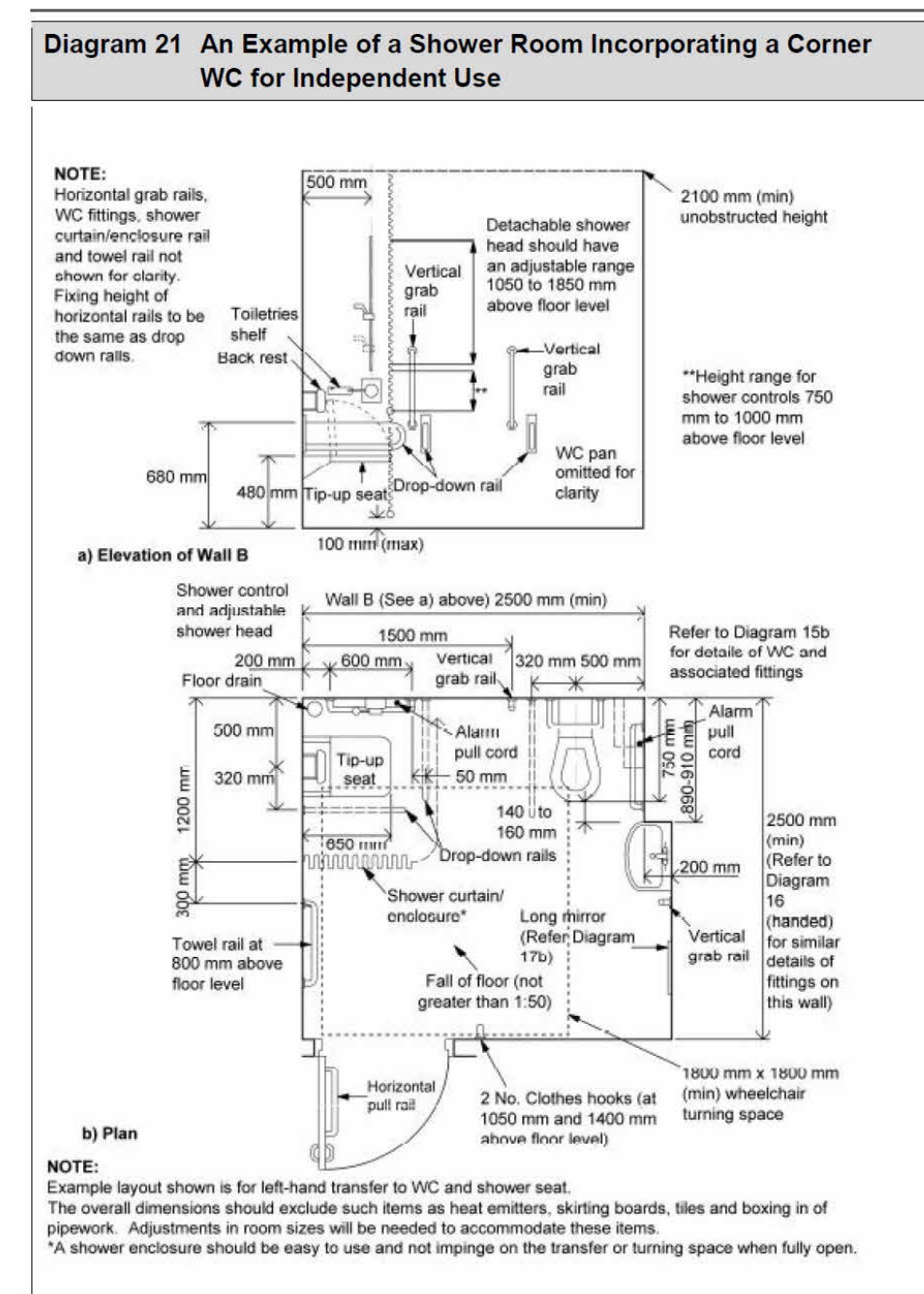
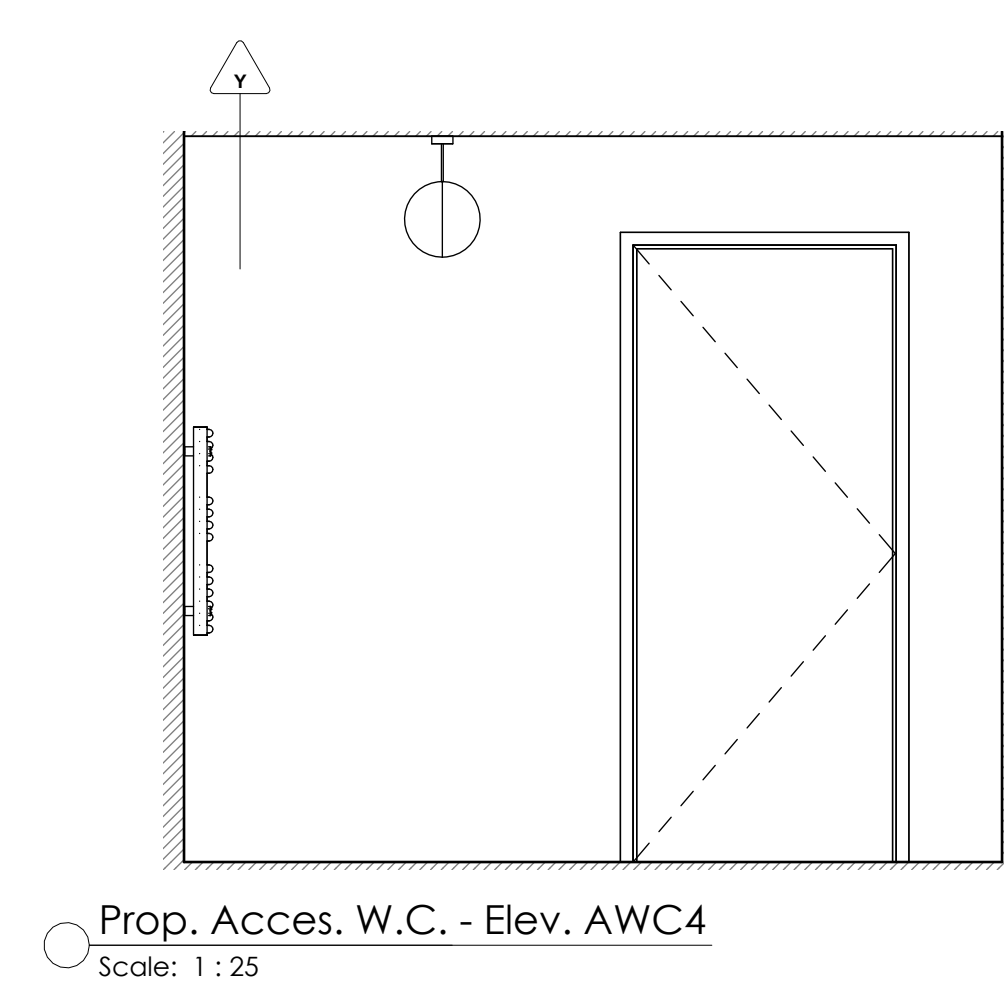
Revision: 001

Checked: DMA

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ALL WORKS TO COMPLY WITH HEALTH
& SAFETY ACT

Wall Finishes	
Wall Finish X:	 Trentite White Gloss Textured Ceramic with Grey grout To be installed with accordance of manufacturer specification & guidance.
Wall Finish Y:	 White skim plaster finish Refer to Specification for further guidance.
Skirting/Architrave :	
	Skirting /architrave /window boards/office trap door to be red deal. Painted white. Painting to be knotted, primed, slopped. 2 coats of undercoat and 1 coat of high gloss finish. Refer to Specification for further guidance
	Coved Skirting/ Floor finish to be turned up 100mm at all walls to form a banded skirting. Refer to Specification for further guidance
General Notes: All Floor finishes to be installed in accordance with manufacturers instructions and details	



ACCESSIBLE SHOWER ROOM WITH CORNER W.C. TO BE FULLY IN COMPLIANCE WITH TGD PART-M. ANY DISCREPANCIES, ARCHITECT MUST BE CONTACTED.