

SWIFT BRICKS SHOULD :-

- **NOT** TO BE INSTALLED ABOVE DOORS OR WINDOWS
- BE INSTALLED IN GABLE WALLS (ABOVE THE INSULATION LINE) WHERE POSSIBLE
- BE INSTALLED AS HIGH AS POSSIBLE
- BE DIRECTLY UNDER THE SOFFIT
- BE MIN. 5M CLEAR FROM ADJACENT PROPERTY
- BE POSITIONED AWAY FROM HABITABLE ROOMS IF POSSIBLE
- BE SHOULD BE AT LEAST 650MM APART
- BE POSITIONED AWAY FROM OBSTRUCTIONS (I.E. TREES)
- BE INSTALLED ON NORTH TO SOUTH/EAST FACING FACADES ONLY - SEE SITE SPECIFIC MATERIAL PLANS FOR LOCATIONS
- BE INSTALLED IN ACCORDANCE WITH SEPARATE STANDARD DETAIL

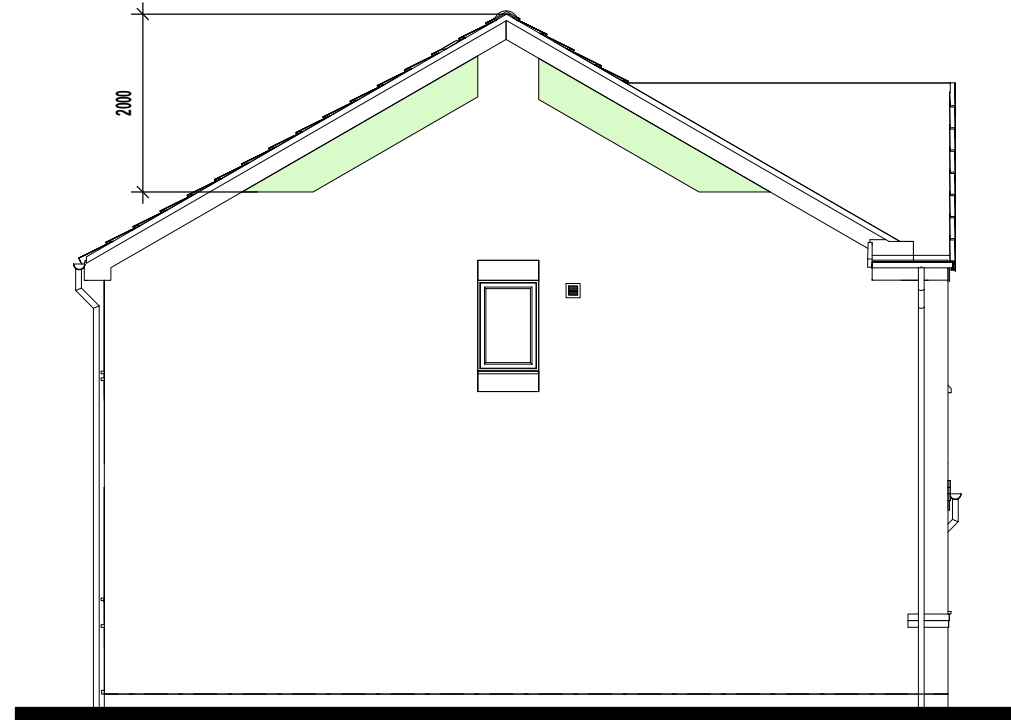
NOTE: THERE COULD BE MORE THAN 1 ON THE PLOT - SEE SITE SPECIFIC MATERIAL PLANS FOR QUANTITY.

SEE 'SWIFT BRICK INSTALLATION GUIDANCE - FOR SITE MANAGERS AND DESIGNERS' DOCUMENT, STANDARD DETAIL REF. GEN-GD-EN-007 AND MANUFACTURERS INSTALLATION GUIDANCE FOR FURTHER DETAIL.

 GREEN SHADED ZONES INDICATE PREFERRED LOCATIONS



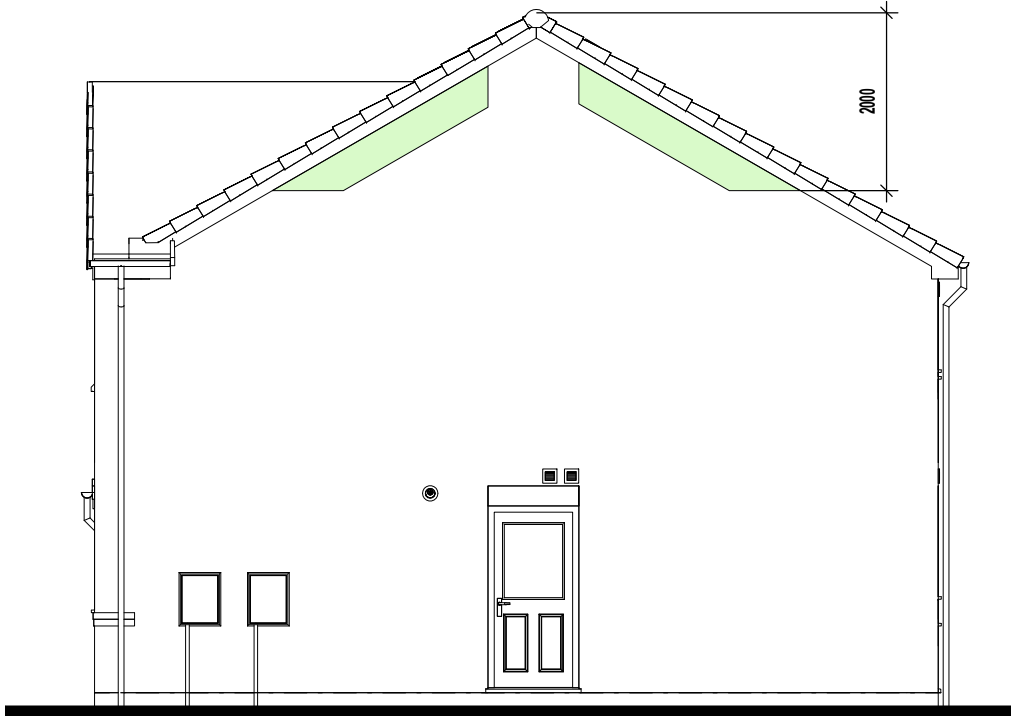
FRONT ELEVATION.



L.H. SIDE ELEVATION.



REAR ELEVATION.



R.H. SIDE ELEVATION.

Revision Note:

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Scale

1 : 85

Drawn By

G.T.

Date

14.03.25

Drawing No.

L472ZSBL

Revision

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Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**


Drawing Title
SWIFT BRICK LOCATIONS

millerhomes
 Miller Homes Ltd
 2 Centro Place, Pride Park
 Derby, DE24 8RF
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 www.millerhomes.co.uk

RAINWATER GOODS - GENERAL NOTES
 ALL RWP LOCATIONS DENOTED ARE DESIGNED IN ACCORDANCE WITH POLYPIPE'S RAINWATER DISCHARGE CALCULATIONS.

FIGURES BASED ON POLYFLOW RAINWATER SYSTEM (i.e. DEEP CAPACITY GUTTERING) WITH LEVEL GUTTERS AND RAINFALL DESIGN INTENSITY OF 75MM/HOUR

WINDOW KEY.

-  DENOTES WINDOWS TO BE SUPPLIED AS TOUGHENED SAFETY GLASS.
- EXE** DENOTES WINDOW TO BE SUPPLIED AS EMERGENCY EGRESS WINDOW AND HAVE UN-OBSTRICTED OPENING OF AT LEAST 450MM X 450MM GIVING AN AREA OF 0.33 SQ.M CONFORMING TO APPROVED DOCUMENT PART B1 OF THE BUILDING REGULATIONS.

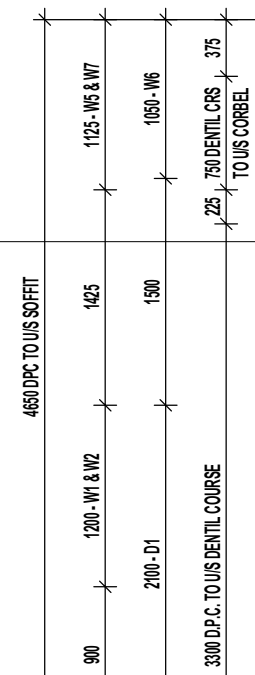
INDICATIVE PHOTOVOLTAIC (P.V.) ARRAY POSITION, SUBJECT TO SITE/PLOT LOCATION & ORIENTATION OF DWELLING. REFER TO SITE/PLOT SPECIFIC PV DESIGNS FOR EXACT REQUIREMENTS.

- DRY RIDGE.
- DRY VERGE.
- SVP TILE VENTS TO BE POSITIONED A MINIMUM OF 900MM ABOVE OPENABLE WINDOWS.
- ARCHED BRICK HEADS WHERE SHOWN.
- BRICK CORBELS TO SEPARATE DETAIL REFS: WD-GD-EN-031 TO WD-GD-EN-034.

DENTIL COURSE TO SEPARATE DETAIL REFERENCE WD-GD-EN-037.



- DRY RIDGE.
- DRY VERGE.
- BRICK VERGE.
- EN SUITE EXTRACT TILE VENT.
- P.V.C.U. FASCIA AND SOFFIT BOARDS.
- BRICK CORBELS TO SEPARATE DETAIL REFS: WD-GD-EN-031 TO WD-GD-EN-034.
- OBSCURE GLAZING TO EN SUITE 1 WINDOW.
- DENTIL COURSE TO SEPARATE DETAIL REFERENCE WD-GD-EN-037.
- ARCHED BRICK HEADS WHERE SHOWN.
- P.V.C.U. FASCIA AND SOFFIT BOARDS.
- CREASING BRICK CILL DETAIL WHERE SHOWN.
- ENTRANCE DOOR TO BE IG DOOR STYLE REF: 1K OR SIMILAR APPROVED.



FRONT ELEVATION.



EXTENT OF PHOTOVOLTAIC (PV) ARRAY & POSITION ON RELEVANT ELEVATION, SUBJECT TO SITE/PLOT LOCATION & ORIENTATION OF DWELLING (REFER TO SEPERATE S.A.P SCHEDULE & SPECIALISTS DETAILED DRAWINGS FOR EXACT REQUIREMENTS)

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
**FRONT ELEVATION
 COTTAGE OPTION 2**

Revision Note:

Scale	Drawn By	Date
1 : 50	G.T.	06.11.23
Drawing No.	Revision	
L472C411		

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 www.millerhomes.co.uk

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

RAINWATER GOODS - GENERAL NOTES
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FIGURES BASED ON **POLYFLOW RAINWATER SYSTEM** (i.e. DEEP CAPACITY GUTTERING) WITH LEVEL GUTTERS AND RAINFALL DESIGN INTENSITY OF 75MM/HOUR

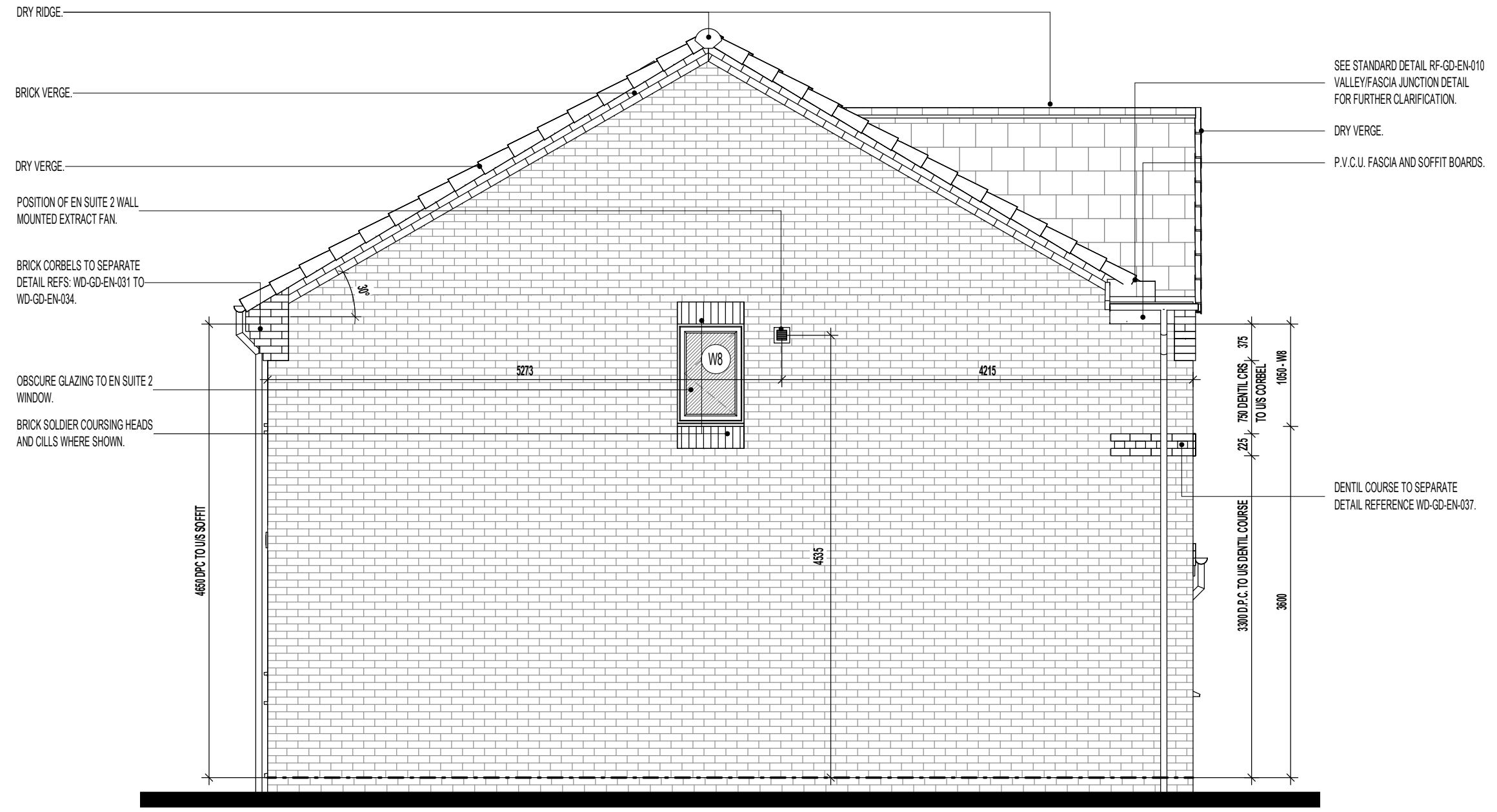
WINDOW KEY.



DENOTES WINDOWS TO BE SUPPLIED AS TOUGHENED SAFETY GLASS.

EXE

DENOTES WINDOW TO BE SUPPLIED AS EMERGENCY EGRESS WINDOW AND HAVE UN-OBSTRUCTED OPENING OF AT LEAST 450MM X 450MM GIVING AN AREA OF 0.33 SQ.M CONFORMING TO APPROVED DOCUMENT PART B1 OF THE BUILDING REGULATIONS.



L.H. SIDE ELEVATION.

EXTENT OF PHOTOVOLTAIC (PV) ARRAY & POSITION ON RELEVANT ELEVATION, SUBJECT TO SITEPLOT LOCATION & ORIENTATION OF DWELLING (REFER TO SEPERATE S.A.P SCHEDULE & SPECIALISTS DETAILED DRAWINGS FOR EXACT REQUIREMENTS)

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
**L.H. SIDE ELEVATION
 COTTAGE OPTION 2**

Revision Note:

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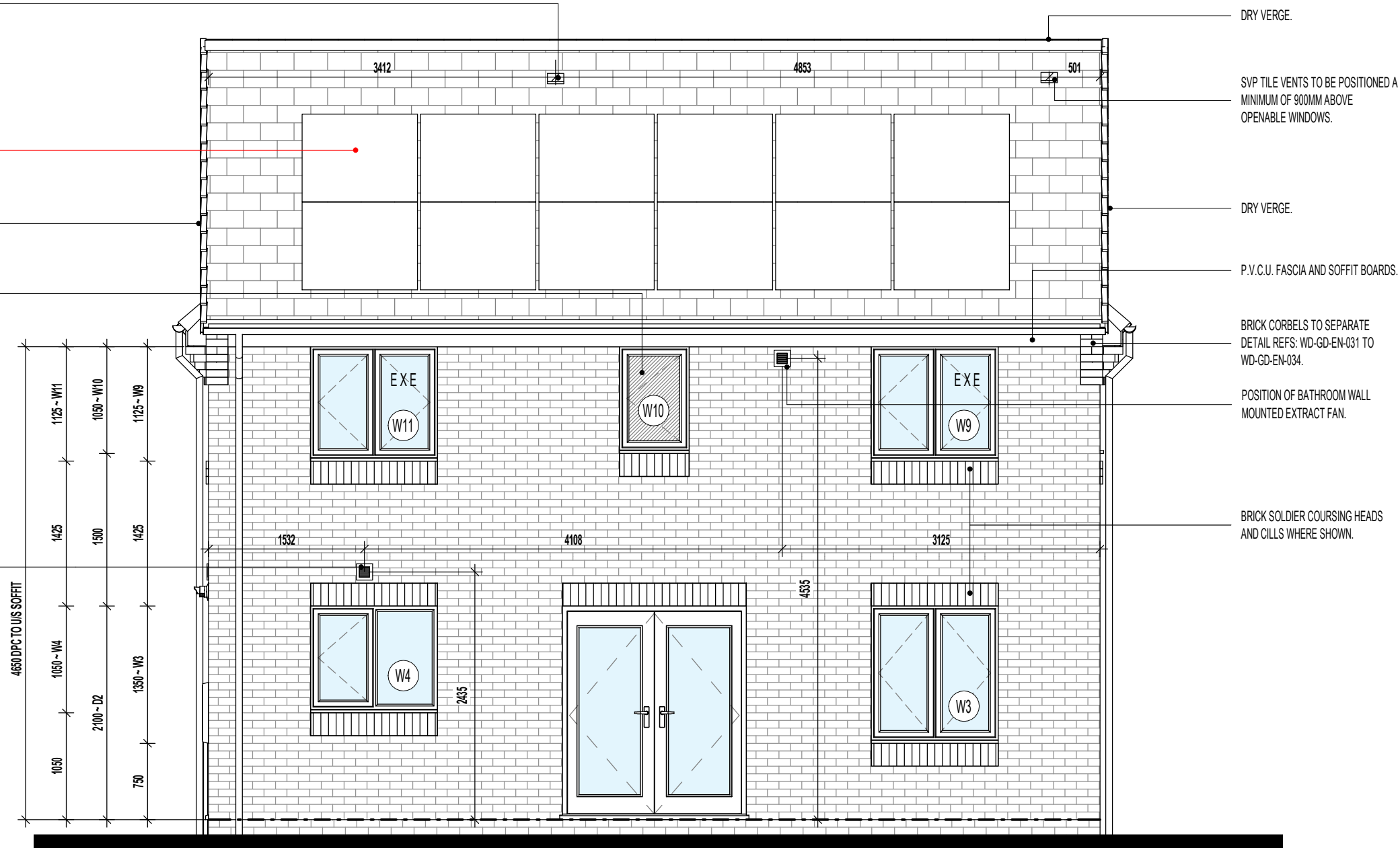
SVP TILE VENTS TO BE POSITIONED A MINIMUM OF 900MM ABOVE OPENABLE WINDOWS.

INDICATIVE PHOTOVOLTAIC (P.V.) ARRAY POSITION, SUBJECT TO SITE/PLOT LOCATION & ORIENTATION OF DWELLING. REFER TO SITE/PLOT SPECIFIC PV DESIGNS FOR EXACT REQUIREMENTS.

DRY VERGE.

OBSCURE GLAZING TO BATHROOM WINDOW.

KITCHEN CEILING MOUNTED EXTRACT FAN DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE.



REAR ELEVATION.

EXTENT OF PHOTOVOLTAIC (PV) ARRAY & POSITION ON RELEVANT ELEVATION, SUBJECT TO SITE/PLOT LOCATION & ORIENTATION OF DWELLING (REFER TO SEPERATE S.A.P SCHEDULE & SPECIALISTS DETAILED DRAWINGS FOR EXACT REQUIREMENTS)

Project Title
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 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
**REAR ELEVATION
 COTTAGE OPTION 2**

Revision Note:

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Drawing No.	Revision
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EXE

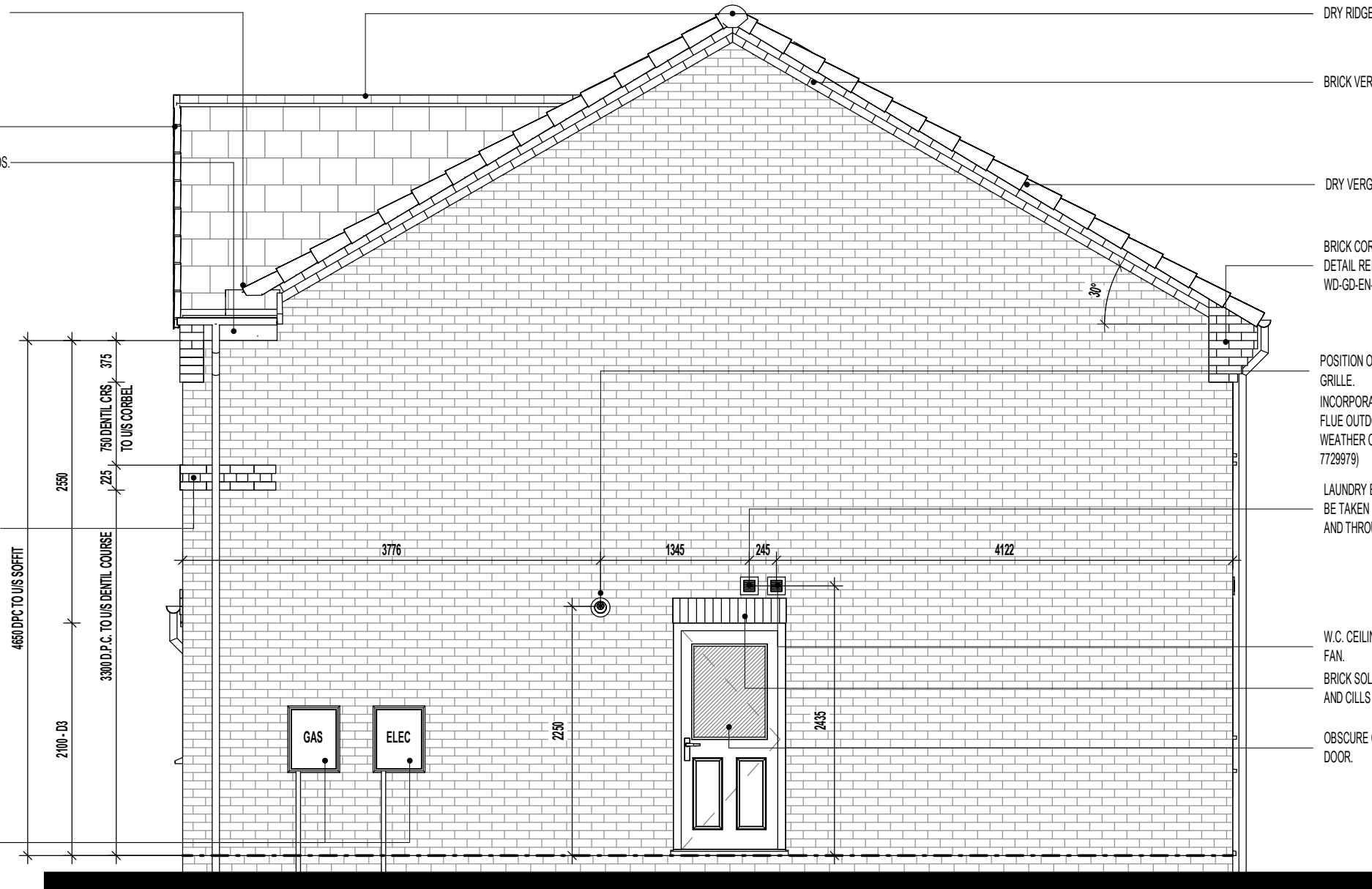
DENOTES WINDOW TO BE SUPPLIED AS EMERGENCY EGRESS WINDOW AND HAVE UN-OBSTRUCTED OPENING OF AT LEAST 450MM X 450MM GIVING AN AREA OF 0.33 SQ.M CONFORMING TO APPROVED DOCUMENT PART B1 OF THE BUILDING REGULATIONS.

SEE STANDARD DETAIL RF-GD-EN-010 VALLEY/FASCIA JUNCTION DETAIL FOR FURTHER CLARIFICATION.

DRY VERGE.
 P.V.C.U. FASCIA AND SOFFIT BOARDS.

DENTIL COURSE TO SEPARATE DETAIL REFERENCE WD-GD-EN-037.

LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.



DRY RIDGE.

BRICK VERGE.

DRY VERGE.

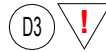
BRICK CORBELS TO SEPARATE DETAIL REFS: WD-GD-EN-031 TO WD-GD-EN-034.

POSITION OF BOILER EXTRACT GRILLE. INCORPORATE SYSTEM BOILER IN FLUE OUTDOOR SENSOR (IFOS) / WEATHER COMPENSATOR (PART No. 7729979)

LAUNDRY EXTRACT FAN DUCTING TO BE TAKEN BETWEEN FLOOR JOISTS AND THROUGH TO EXTERNAL WALL.

W.C. CEILING MOUNTED EXTRACT FAN. BRICK SOLDIER COURSING HEADS AND CILLS WHERE SHOWN.

OBSCURE GLAZING TO LAUNDRY DOOR.



R.H. SIDE ELEVATION.

EXTENT OF PHOTOVOLTAIC (PV) ARRAY & POSITION ON RELEVANT ELEVATION, SUBJECT TO SITEPLOT LOCATION & ORIENTATION OF DWELLING (REFER TO SEPERATE S.A.P SCHEDULE & SPECIALISTS DETAILED DRAWINGS FOR EXACT REQUIREMENTS)

Revision Note:

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Scale	Drawn By	Date
1 : 50	G.T.	06.11.23



Drawing No.	Revision
L472C414	

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

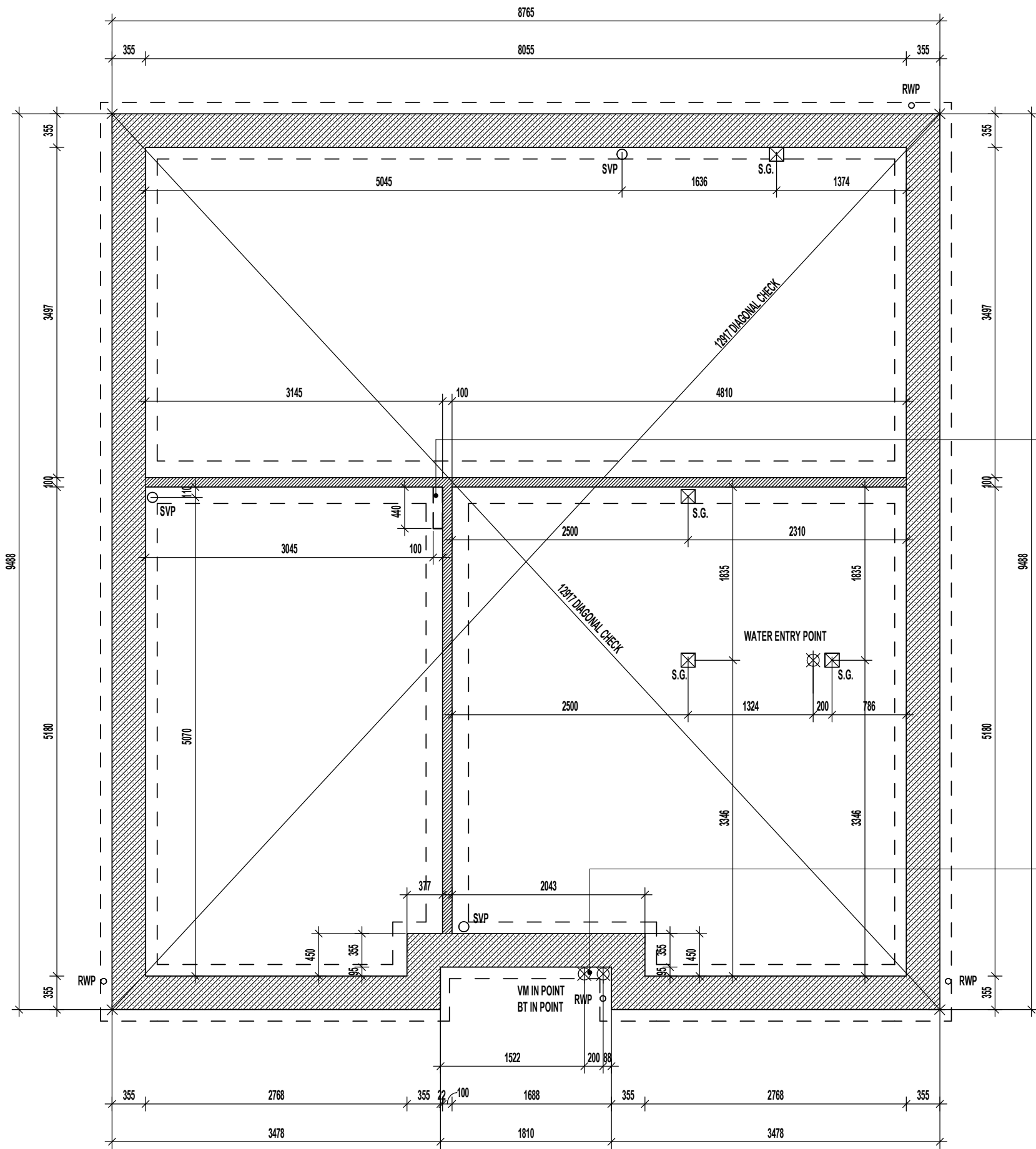
Drawing Title
**R.H. SIDE ELEVATION
 COTTAGE OPTION 2**

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WALL LEGEND.

-  DENOTES 355MM THICK 3.6N/MM² FOUNDATION BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
- 100MM THICK 3.6N/MM² LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.



DASHED LINES TO INDICATE ADDITIONAL 100MM THICK SLEEPER WALL TO SUPPORT BEAM AND BLOCK FLOOR.

VIRGIN MEDIA OPTIONAL. REGIONS TO SPECIFY.

TRENCH BLOCK FOUNDATION PLAN.

Project Title
LONDON ROAD, WOOLMER
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title
TRENCH BLOCK FOUNDATION PLAN

Revision Note:

Scale	Drawn By	Date
1 : 50	G.T.	06.11.23

Drawing No.	Revision
L472101	

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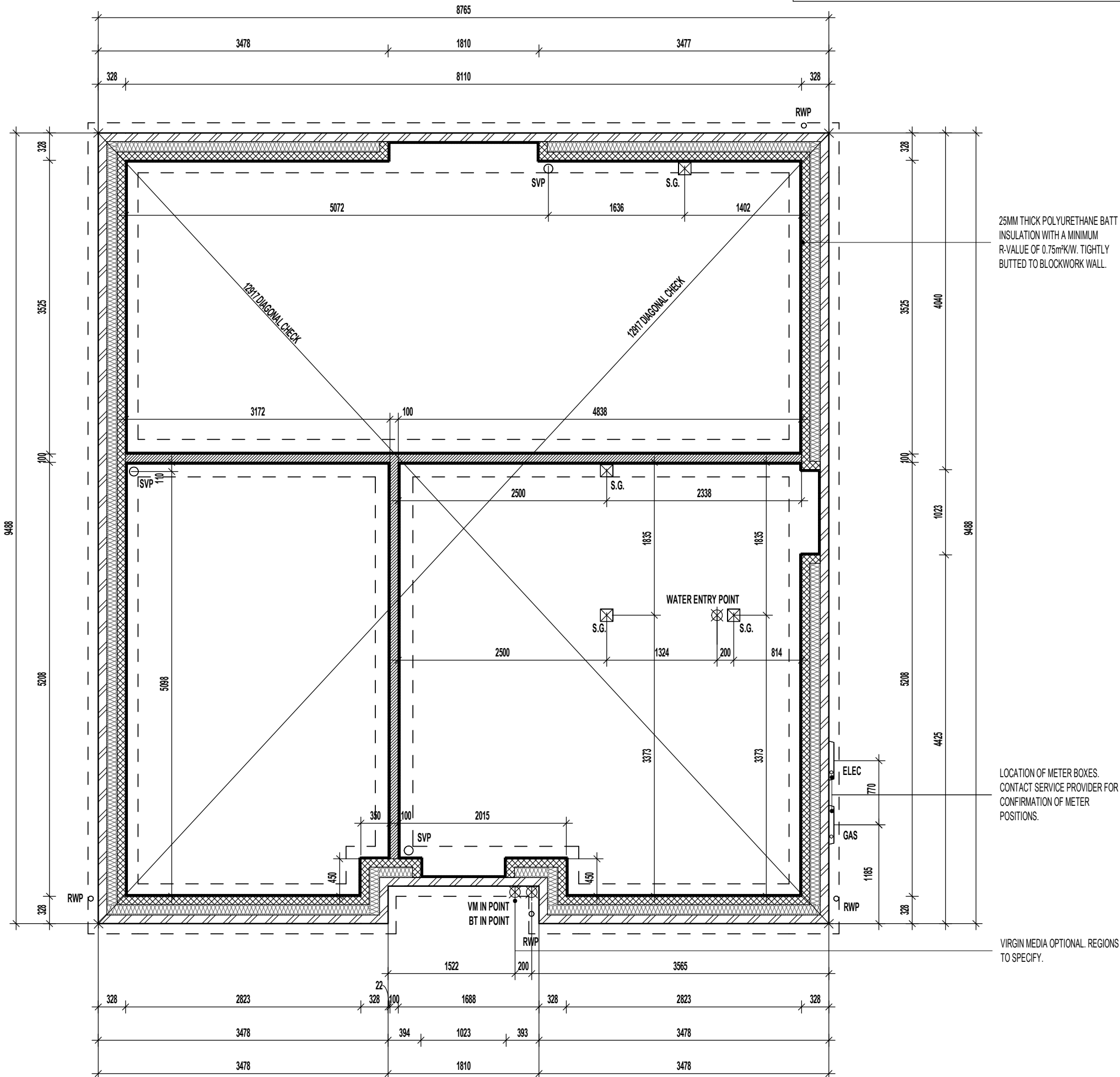
ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6NMMF STANDARD AIRCRETE BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
 - 100MM THICK 3.6NMMF LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.

GENERAL NOTE:
REFER TO DIMENSIONED G.F. PLANS FOR EXTERNAL & INTERNAL DOOR LOCATIONS AND CROSS REFER TO ASSOCIATED STANDARD DETAILS FOR DOOR THRESHOLD TREATMENT.



GROUND BEARING FOUNDATION PLAN.

Project Title
**LONDON ROAD, WOOLMER
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
GROUND BEARING FOUNDATION PLAN

Revision Note:

Scale: **1 : 50** Drawn By: **G.T.** Date: **06.11.23**

Drawing No.: **L472102** Revision:

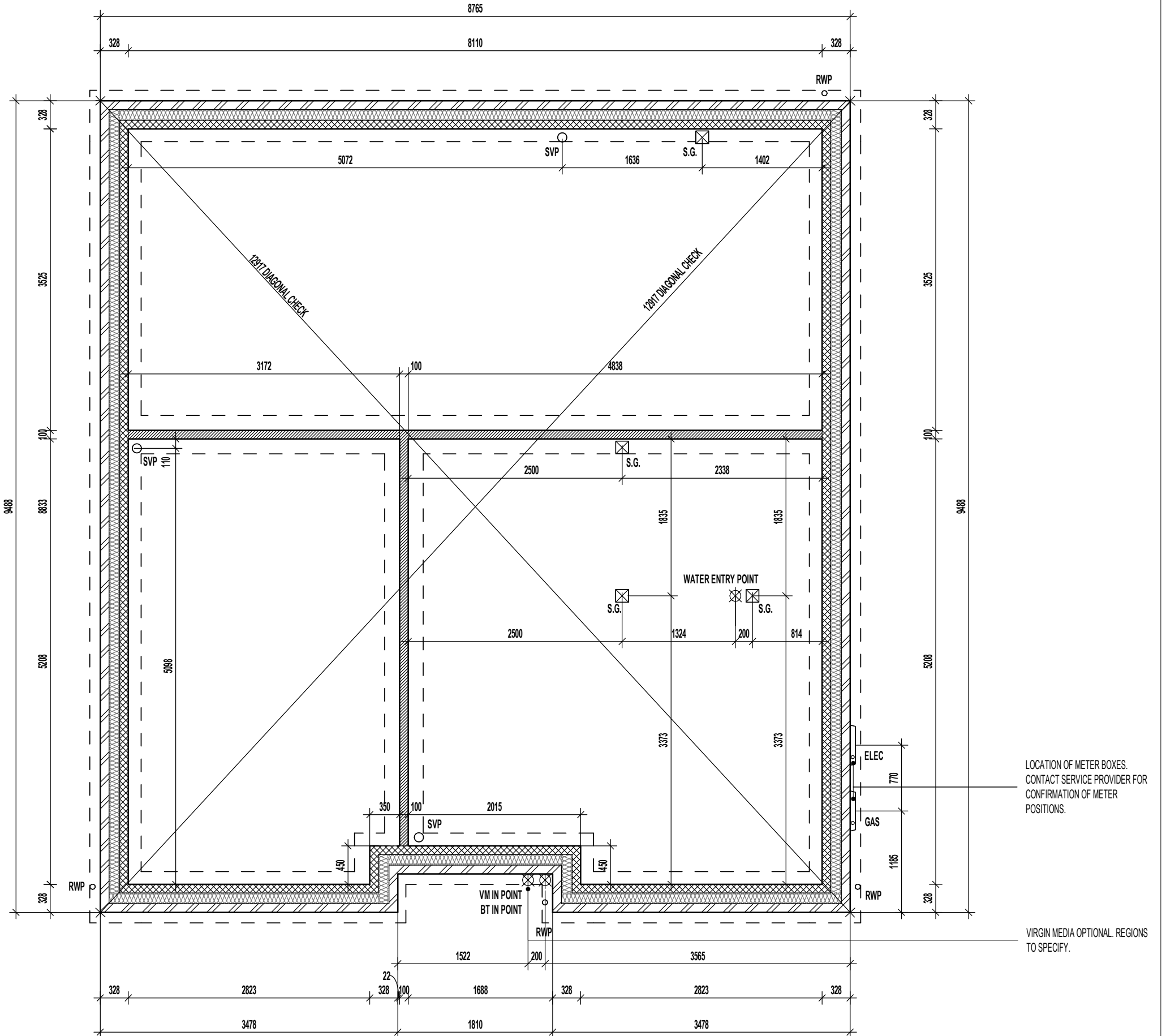
millerhomes
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WALL LEGEND.

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 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
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GENERAL NOTE:
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LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.

VIRGIN MEDIA OPTIONAL. REGIONS TO SPECIFY.

SUSPENDED SLAB FOUNDATION PLAN.

REFER TO STRUCTURAL ENGINEERS CALCULATIONS FOR SUSPENDED SLAB THICKNESS AND STEELWORK SCHEDULE

Project Title
**LONDON ROAD, WOOLMER
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
SUSPENDED SLAB FOUNDATION PLAN

Revision Note:
[Empty box for revision notes]

Scale: **1 : 50** Drawn By: **G.T.** Date: **06.11.23**

Drawing No.: **L472103** Revision: [Empty box]

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BEAM & BLOCK / EPS UNDERFLOOR VOID VENTILATION

VENTILATION SHOULD BE PROVIDED TO PRECAST SUSPENDED FLOORS IN ACCORDANCE WITH CHAPTER 5.2.10 OF LATEST NHBC TECHNICAL STANDARDS. (GENERALLY PROVIDED BY VENTILATORS ON AT LEAST TWO OPPOSITE EXTERNAL WALLS.

WHERE SLEEPER WALLS / PARTITIONS PROVIDED, THESE SHOULD BE CONSTRUCTED WITH SUFFICIENT OPENINGS TO ENSURE ADEQUATE THROUGH VENTILATION.

VOID VENTILATION SHOULD BE PROVIDED TO WHICHEVER GIVES THE GREATER OPENING AREA:

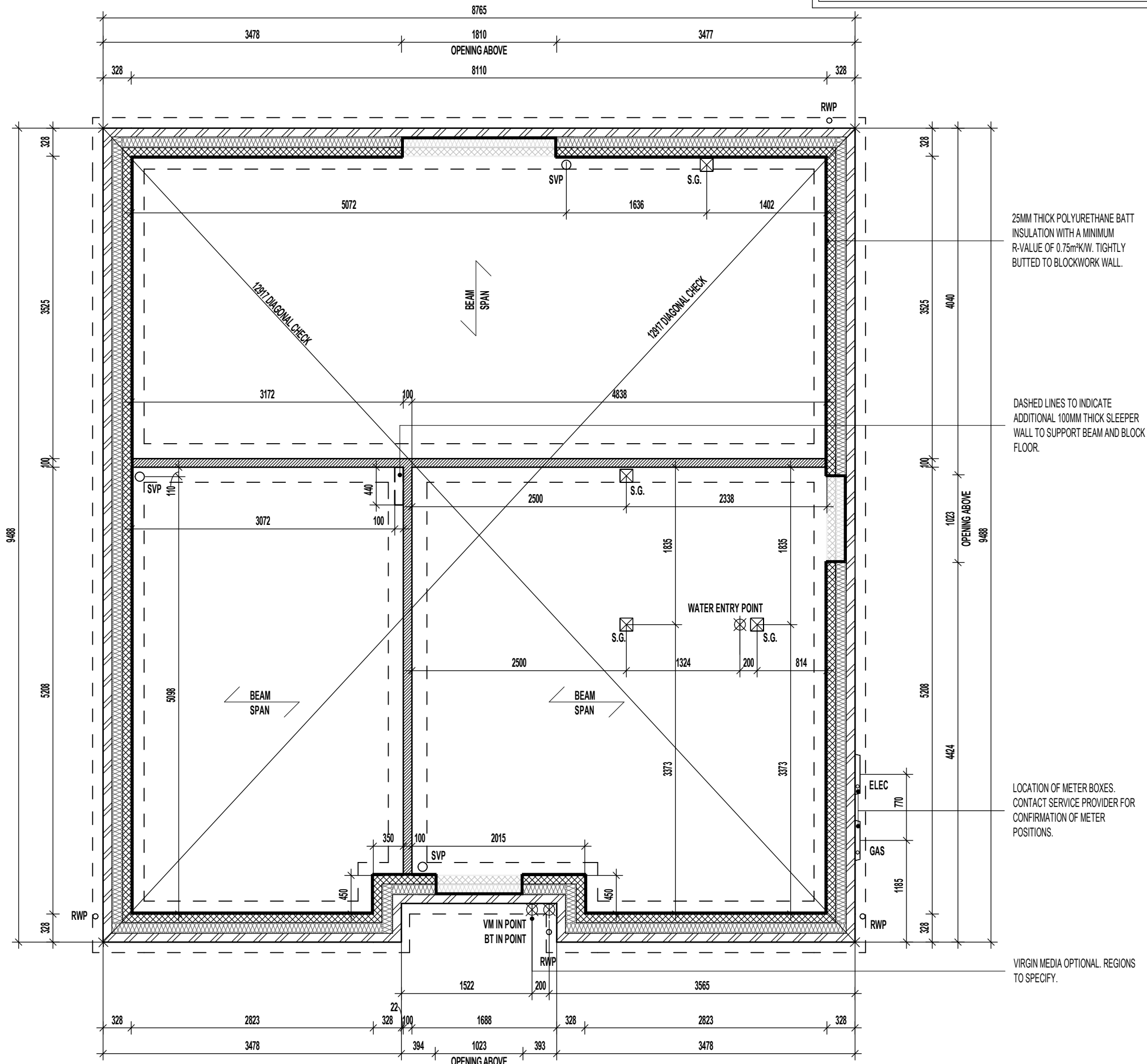
- 1500MM² PER METRE RUN OF EXTERNAL WALL
- 500MM² PER M² OF FLOOR AREA.

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
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DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.

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BEAM & EPS FOUNDATION PLAN.
REFER TO MANUFACTURERS DRAWINGS FOR FURTHER INFORMATION

Project Title
**LONDON ROAD, WOOLMER
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
BEAM AND EPS FOUNDATION PLAN



Revision Note:
[Empty box for revision notes]

Scale: **1 : 50** Drawn By: **G.T.** Date: **06.11.23**

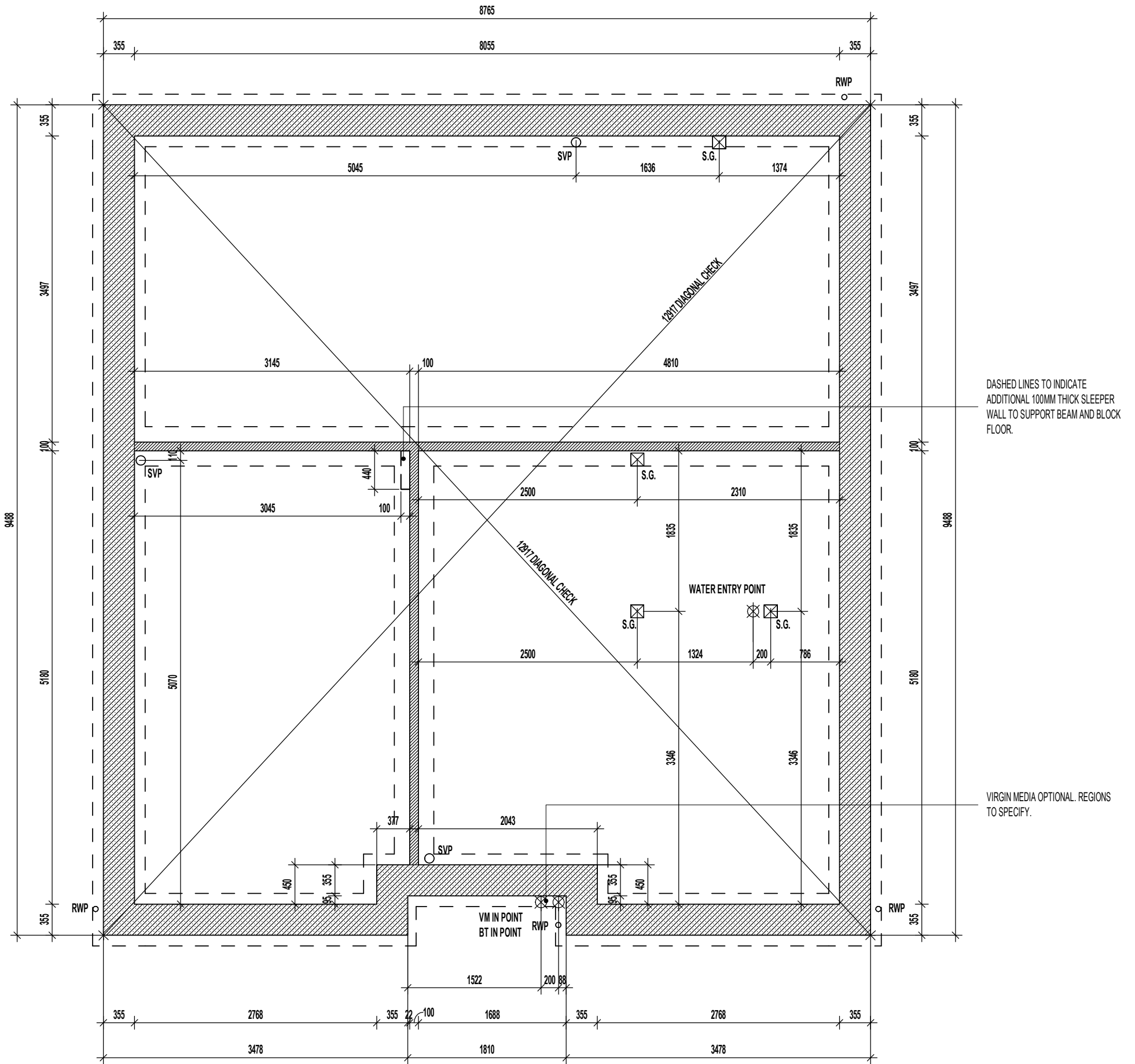
Drawing No.: **L472104** Revision: [Empty box]



WALL LEGEND.

-  DENOTES 355MM THICK 3.6N/MM² FOUNDATION BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
- 100MM THICK 3.6N/MM² LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.



TRENCH BLOCK FOUNDATION PLAN.

Project Title
LONDON ROAD, WOOLMER
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title
ASHP TRENCH BLOCK FOUNDATION PLAN

Revision Note:

Scale	Drawn By	Date
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Drawing No.	Revision
L472105	



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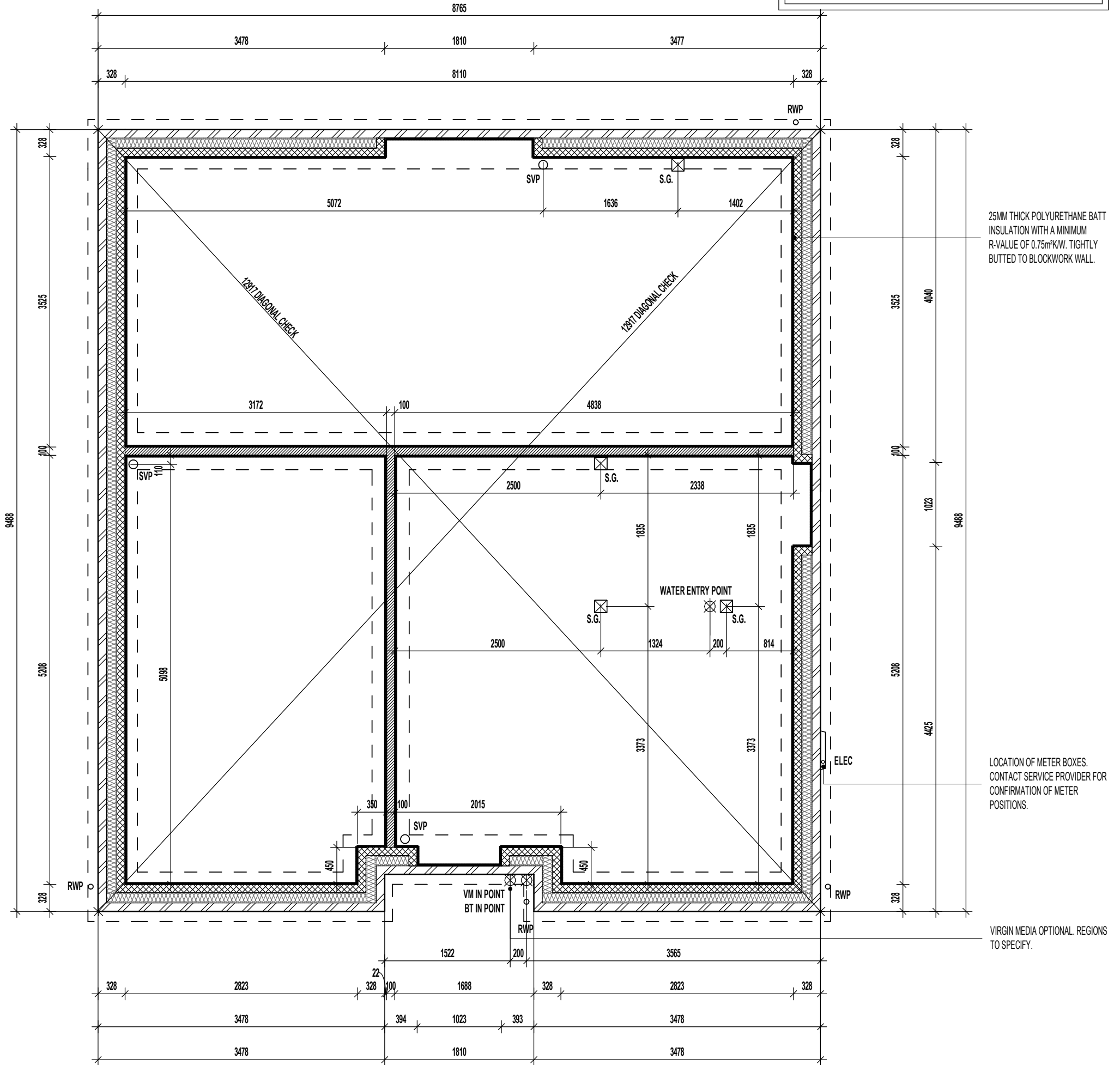
ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
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GROUND BEARING FOUNDATION PLAN.

Project Title
**LONDON ROAD, WOOLMER
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP GROUND BEARING FOUNDATION PLAN

Revision Note:

Scale: **1 : 50** Drawn By: **G.T.** Date: **14.03.25**

Drawing No.: **L472106** Revision:



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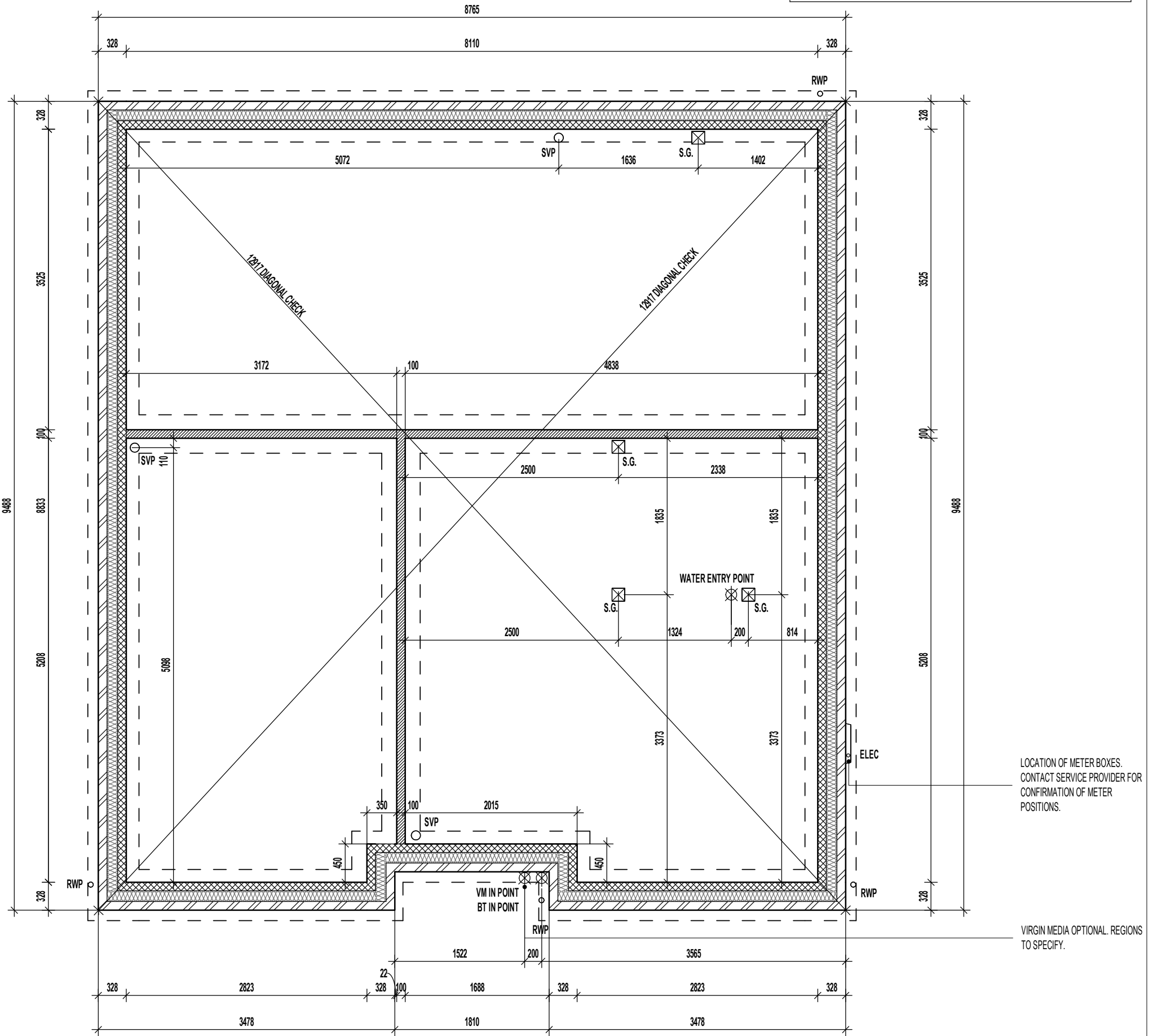
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SUSPENDED SLAB FOUNDATION PLAN.

REFER TO STRUCTURAL ENGINEERS CALCULATIONS FOR SUSPENDED SLAB THICKNESS AND STEELWORK SCHEDULE

Project Title
LONDON ROAD, WOOLMER
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title
ASHP SUSPENDED SLAB FOUNDATION PLAN

Revision Note:



Scale: **1 : 50** Drawn By: **G.T.** Date: **14.03.25**

Drawing No.: **L472107** Revision:

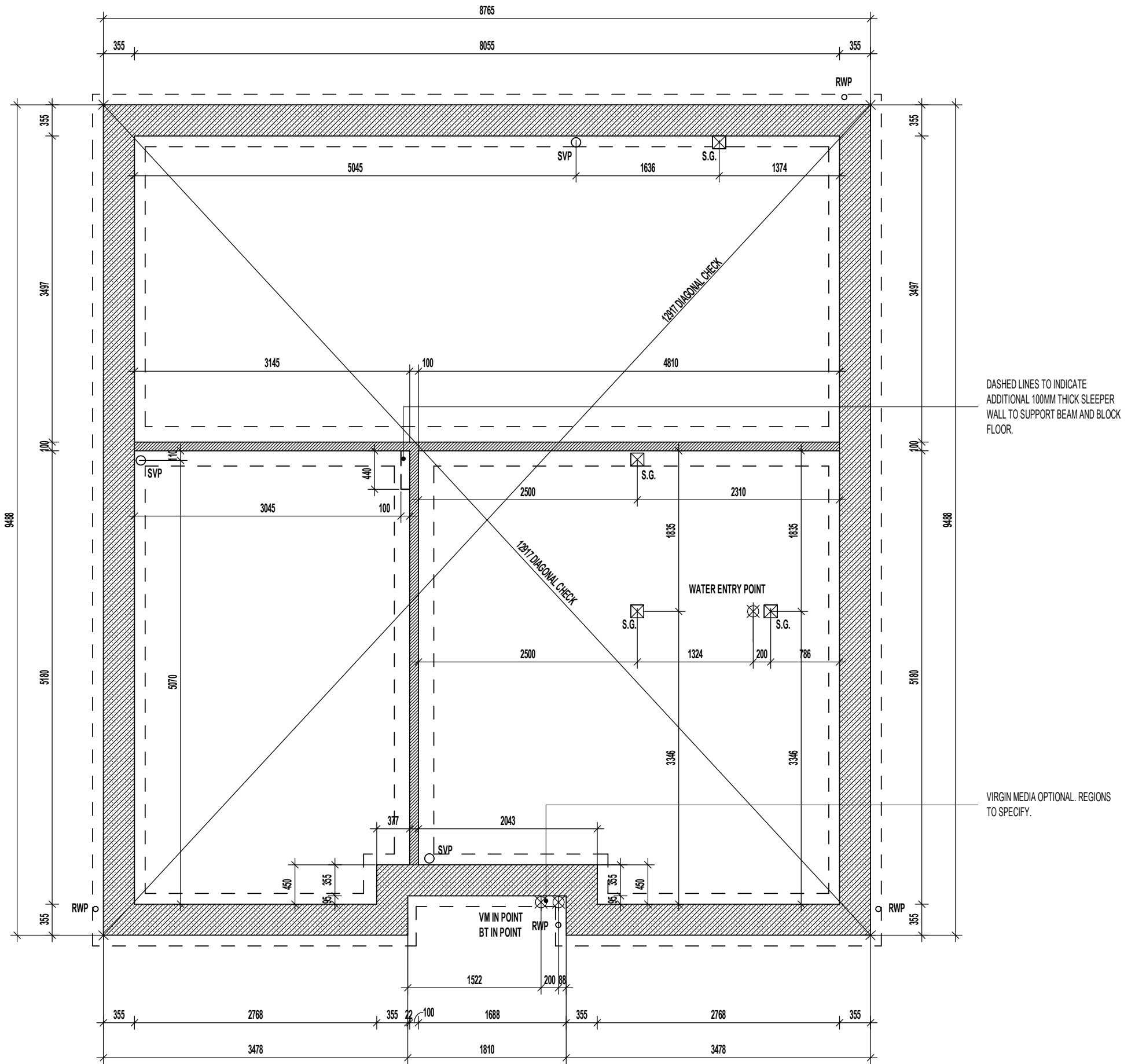


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TRENCH BLOCK FOUNDATION PLAN.

Project Title
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 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP TRENCH BLOCK FOUNDATION PLAN

Revision Note:

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Drawing No.	Revision
L472105	



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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING.

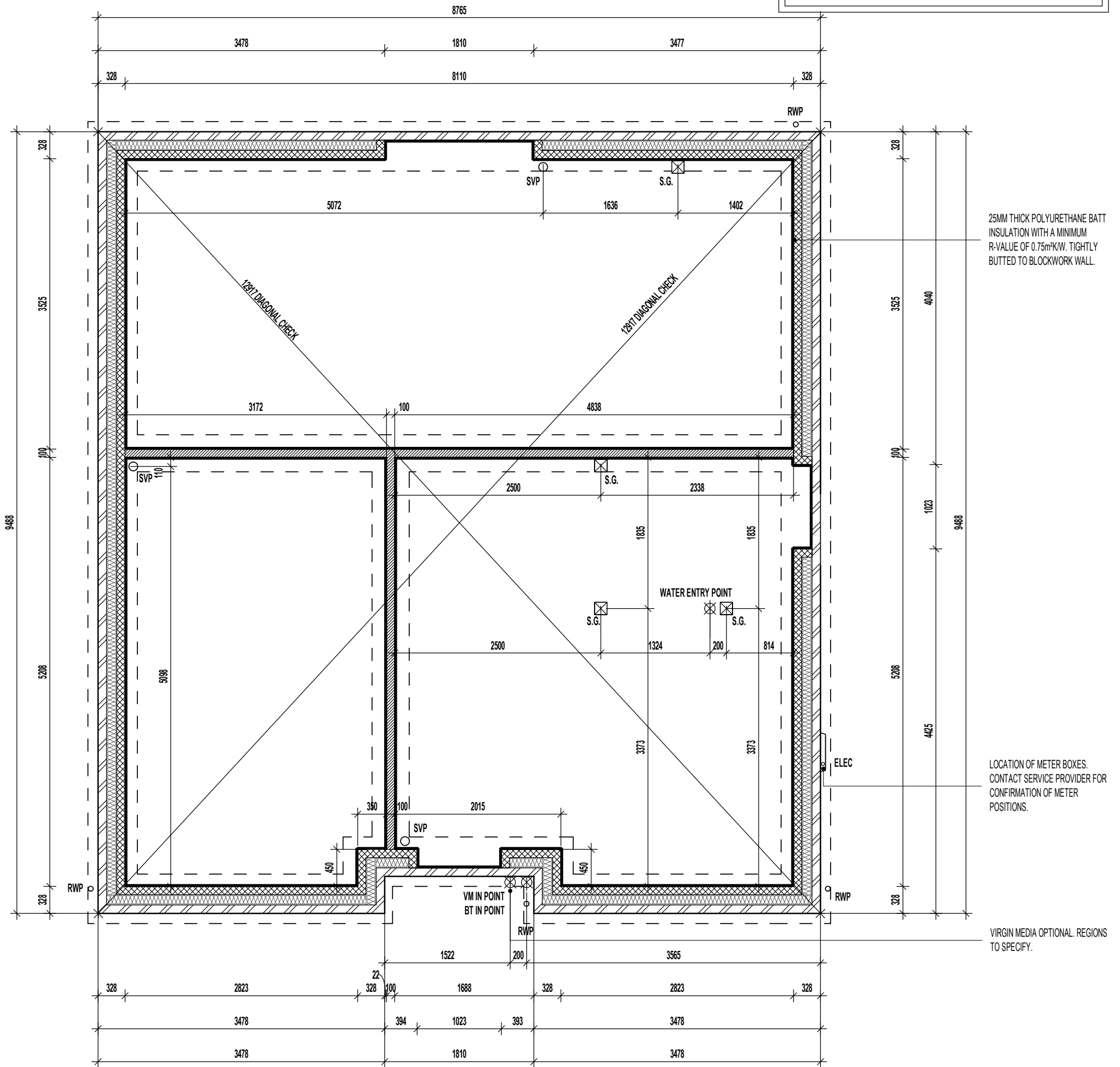
ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
 - 100MM THICK 3.6N/MM² LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.

GENERAL NOTE:
REFER TO DIMENSIONED G.F. PLANS FOR EXTERNAL & INTERNAL DOOR LOCATIONS AND CROSS REFER TO ASSOCIATED STANDARD DETAILS FOR DOOR THRESHOLD TREATMENT.



25MM THICK POLYURETHANE BATT INSULATION WITH A MINIMUM R-VALUE OF 0.75m²/KW. TIGHTLY BUTTED TO BLOCKWORK WALL.

LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.

VIRGIN MEDIA OPTIONAL. REGIONS TO SPECIFY.

GROUND BEARING FOUNDATION PLAN.

Project Title
**LONDON ROAD, WOOLMER
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP GROUND BEARING FOUNDATION PLAN

Revision Note:

Scale: **1 : 50** Drawn By: **G.T.** Date: **14.03.25**

Drawing No.: **L472106** Revision:



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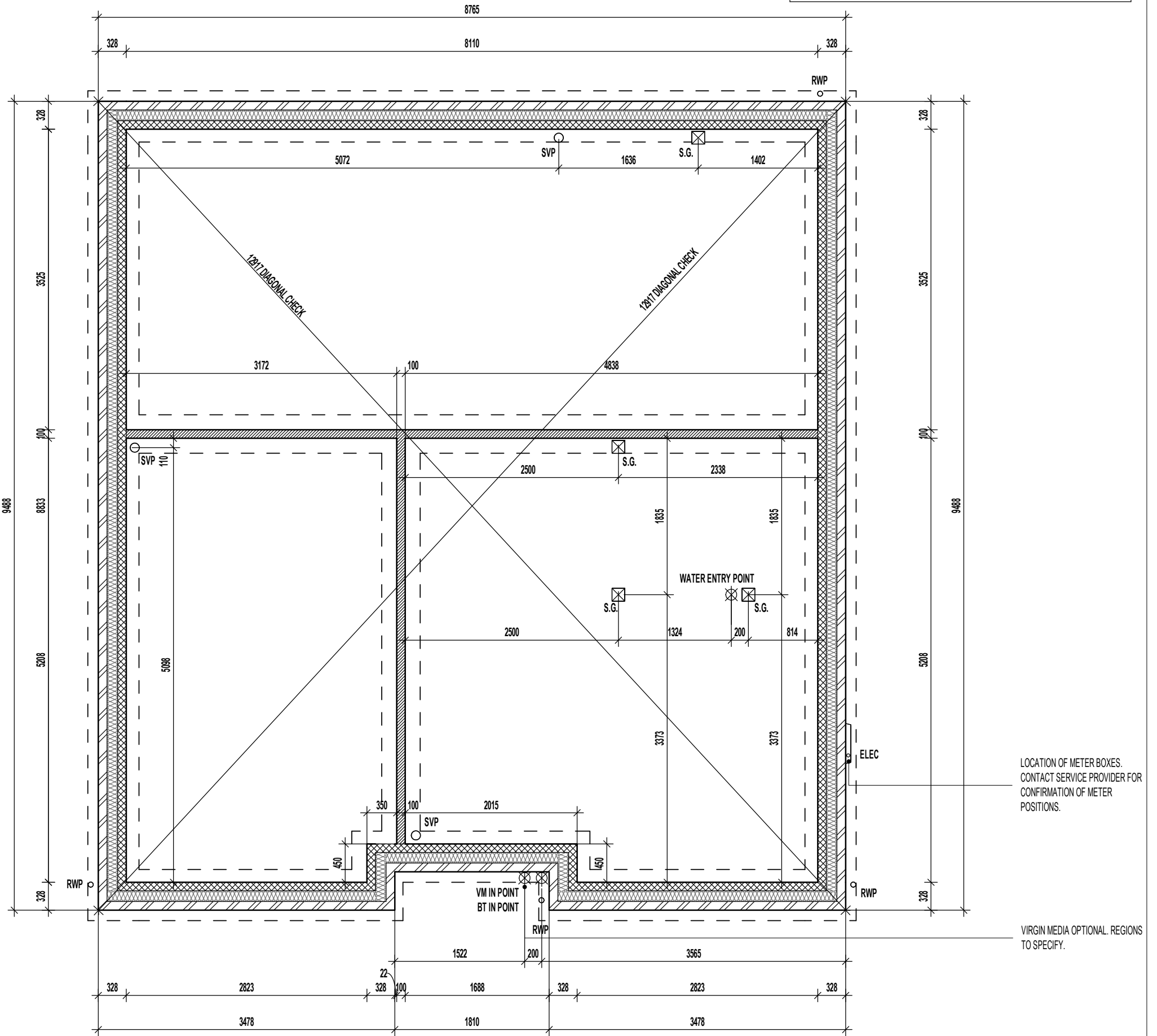
ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
 - 100MM THICK 3.6N/MM² LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.

GENERAL NOTE:
REFER TO DIMENSIONED G.F. PLANS FOR EXTERNAL & INTERNAL DOOR LOCATIONS AND CROSS REFER TO ASSOCIATED STANDARD DETAILS FOR DOOR THRESHOLD TREATMENT.



SUSPENDED SLAB FOUNDATION PLAN.

REFER TO STRUCTURAL ENGINEERS CALCULATIONS FOR SUSPENDED SLAB THICKNESS AND STEELWORK SCHEDULE

Project Title
**LONDON ROAD, WOOLMER
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP SUSPENDED SLAB FOUNDATION PLAN

Revision Note:

Scale: **1 : 50** Drawn By: **G.T.** Date: **14.03.25**

Drawing No.: **L472107** Revision:



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BEAM & BLOCK / EPS UNDERFLOOR VOID VENTILATION

VENTILATION SHOULD BE PROVIDED TO PRECAST SUSPENDED FLOORS IN ACCORDANCE WITH CHAPTER 5.2.10 OF LATEST NHBC TECHNICAL STANDARDS. (GENERALLY PROVIDED BY VENTILATORS ON AT LEAST TWO OPPOSITE EXTERNAL WALLS.

WHERE SLEEPER WALLS / PARTITIONS PROVIDED, THESE SHOULD BE CONSTRUCTED WITH SUFFICIENT OPENINGS TO ENSURE ADEQUATE THROUGH VENTILATION.

VOID VENTILATION SHOULD BE PROVIDED TO WHICHEVER GIVES THE GREATER OPENING AREA:

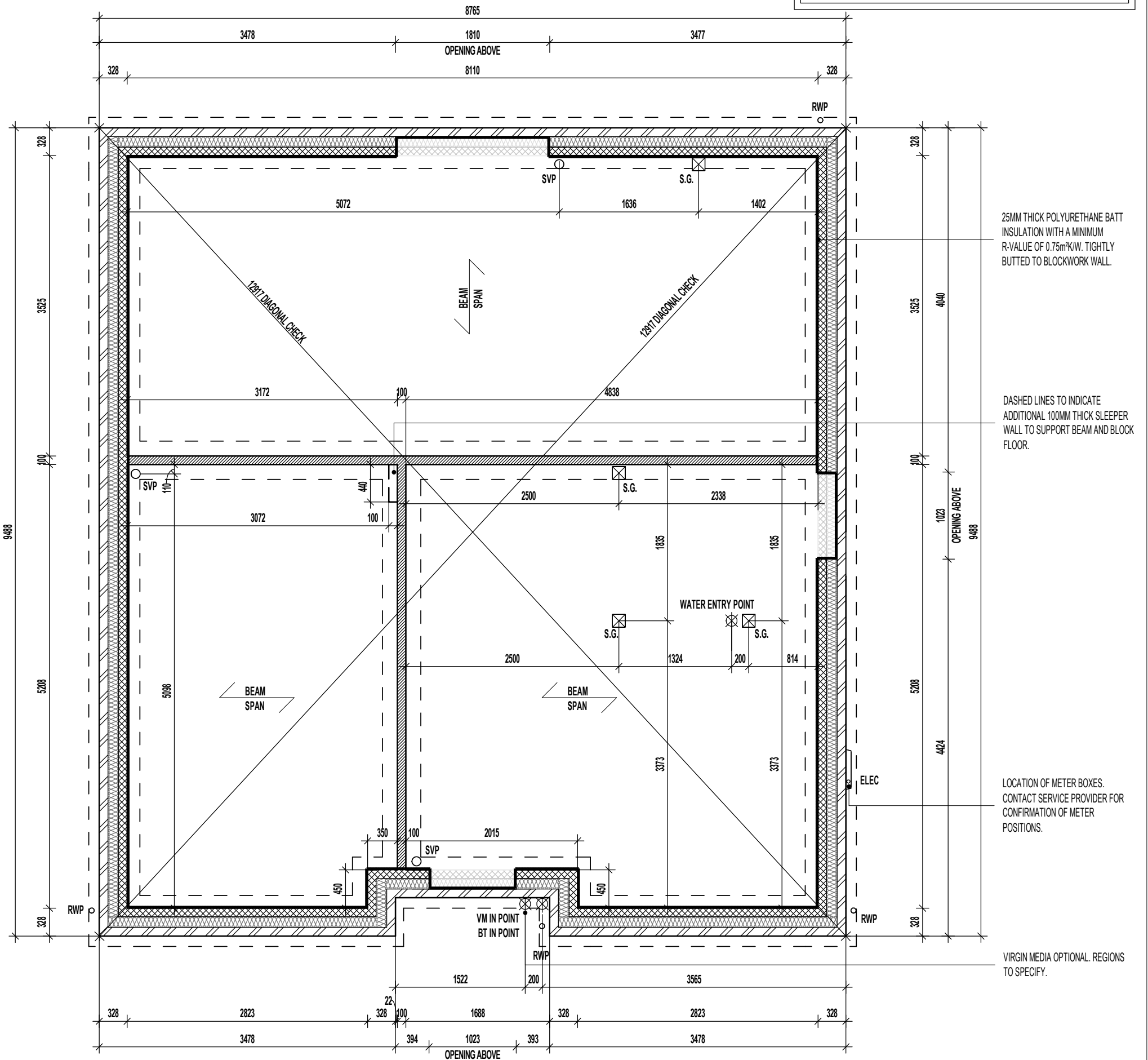
- 1500MM² PER METRE RUN OF EXTERNAL WALL
- 500MM² PER M² OF FLOOR AREA.

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
 - 100MM THICK 3.6N/MM² LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.

GENERAL NOTE:
REFER TO DIMENSIONED G.F. PLANS FOR EXTERNAL & INTERNAL DOOR LOCATIONS AND CROSS REFER TO ASSOCIATED STANDARD DETAILS FOR DOOR THRESHOLD TREATMENT.



25MM THICK POLYURETHANE BATT INSULATION WITH A MINIMUM R-VALUE OF 0.75m²K/W. TIGHTLY BUTTED TO BLOCKWORK WALL.

DASHED LINES TO INDICATE ADDITIONAL 100MM THICK SLEEPER WALL TO SUPPORT BEAM AND BLOCK FLOOR.

LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.

VIRGIN MEDIA OPTIONAL. REGIONS TO SPECIFY.

BEAM & EPS FOUNDATION PLAN.

REFER TO MANUFACTURERS DRAWINGS FOR FURTHER INFORMATION

Project Title
**LONDON ROAD, WOOLMER
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP BEAM AND EPS FOUNDATION PLAN

Revision Note:

Scale: **1 : 50** Drawn By: **G.T.** Date: **14.03.25**

Drawing No.: **L472108** Revision:



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BEAM & BLOCK / EPS UNDERFLOOR VOID VENTILATION

VENTILATION SHOULD BE PROVIDED TO PRECAST SUSPENDED FLOORS IN ACCORDANCE WITH CHAPTER 5.2.10 OF LATEST NHBC TECHNICAL STANDARDS. (GENERALLY PROVIDED BY VENTILATORS ON AT LEAST TWO OPPOSITE EXTERNAL WALLS.

WHERE SLEEPER WALLS / PARTITIONS PROVIDED, THESE SHOULD BE CONSTRUCTED WITH SUFFICIENT OPENINGS TO ENSURE ADEQUATE THROUGH VENTILATION.

VOID VENTILATION SHOULD BE PROVIDED TO WHICHEVER GIVES THE GREATER OPENING AREA:

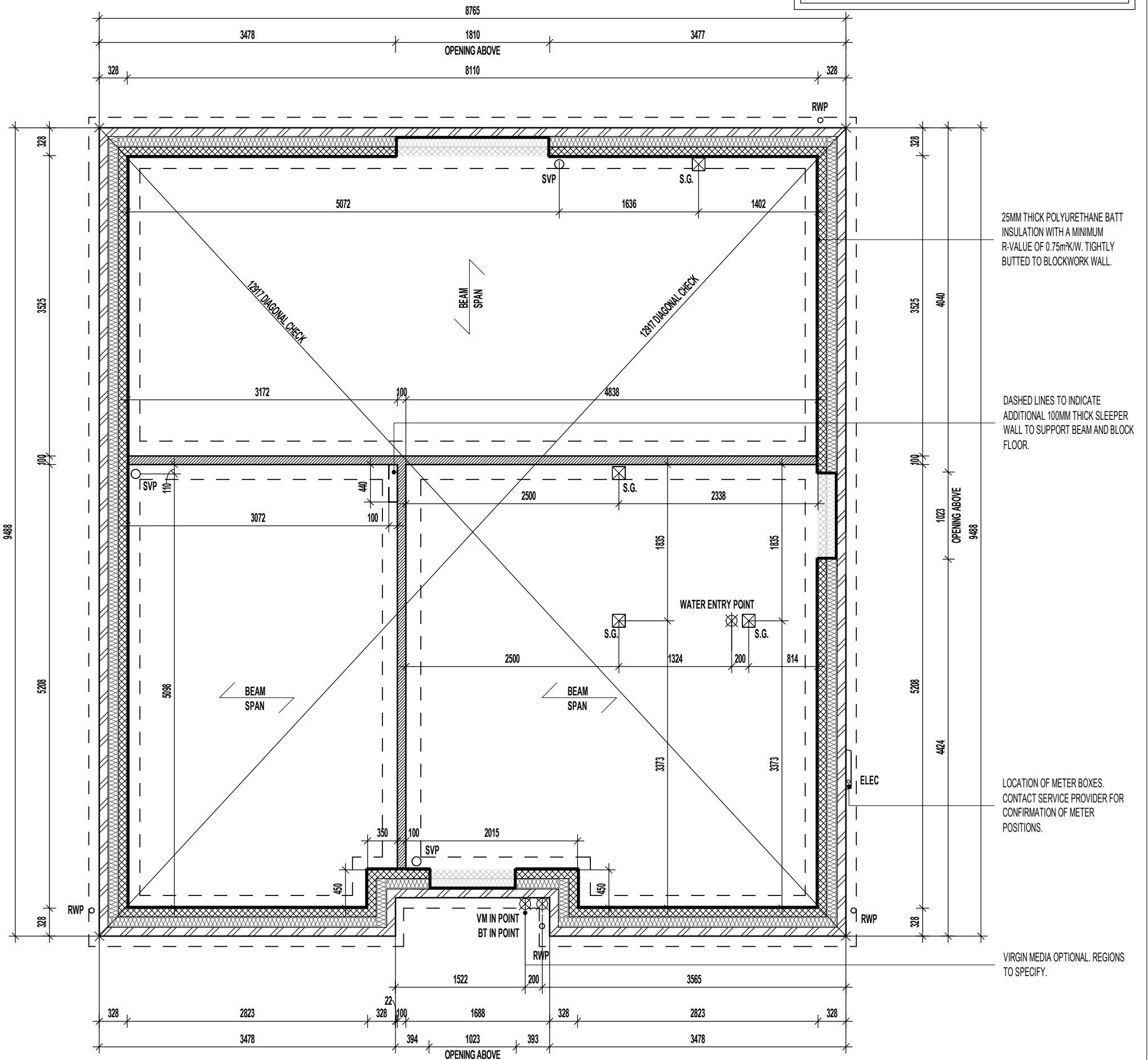
- 1500MM² PER METRE RUN OF EXTERNAL WALL
- 500MM² PER M² OF FLOOR AREA.

WALL LEGEND.

-  DENOTES 328MM THICK CAVITY WALL BELOW DPC :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/MM² STANDARD AIRCRETE BLOCKWORK
-  DENOTES 100MM THICK LOAD BEARING PARTITION WALL :
 - 100MM THICK 3.6N/MM² LIGHTWEIGHT AGGREGATE BLOCKWORK

DASHED LINES INDICATE FOUNDATIONS TO EXTERNAL & INTERNAL WALLS. REFER TO CONSULTING ENGINEER'S DRAWINGS FOR ACTUAL SIZE & TYPE.

GENERAL NOTE:
REFER TO DIMENSIONED G.F. PLANS FOR EXTERNAL & INTERNAL DOOR LOCATIONS AND CROSS REFER TO ASSOCIATED STANDARD DETAILS FOR DOOR THRESHOLD TREATMENT.



25MM THICK POLYURETHANE BATT INSULATION WITH A MINIMUM R-VALUE OF 0.75m²K/W. TIGHTLY BUTTED TO BLOCKWORK WALL.

DASHED LINES TO INDICATE ADDITIONAL 100MM THICK SLEEPER WALL TO SUPPORT BEAM AND BLOCK FLOOR.

LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.

VIRGIN MEDIA OPTIONAL. REGIONS TO SPECIFY.

BEAM & EPS FOUNDATION PLAN.

REFER TO MANUFACTURERS DRAWINGS FOR FURTHER INFORMATION

Project Title
**LONDON ROAD, WOOLMER
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP BEAM AND EPS FOUNDATION PLAN

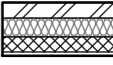


Revision Note:
[Empty box for revision notes]

Scale: **1 : 50** Drawn By: **G.T.** Date: **14.03.25**

Drawing No.: **L472108** Revision: [Empty box]

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WALL LEGEND.

-  DENOTES 353MM THICK CAVITY WALL :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6NMMF STANDARD AIRCRETE BLOCKWORK
 - 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH
-  DENOTES 150MM THICK LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - 100MM THICK 3.6NMMF LIGHTWEIGHT AGGREGATE BLOCKWORK
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD ON DABS.
-  DENOTES 93MM THICK NON LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - 63 X 38MM TIMBER STUDWORK AT 600MM CTRS.
 - 50MM ISOWOOL APR 1200 INSULATION WHERE INDICATED ON PLANS
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD

ELEVATIONAL TREATMENT-

REFER TO RELEVANT HOUSE TYPE ELEVATIONS FOR ELEVATIONAL TREATMENT AND EXTENT OF ALTERNATIVE EXTERNAL WALL CONSTRUCTION.

-  370MM THICK BLOCKWORK CAVITY WALL CONSTRUCTION: SEE ELEVATIONS FOR EXTERNAL WALL FINISH & LOCATIONS
- EXTERNAL WALL FINISHES: MIN. 20MM WEBER MONOCOUCHE RENDER APPLIED TO SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
- 100MM THICK 3.6NMMF LIGHTWEIGHT AGGREGATE BLOCKWORK.
- 90MM WIDE INSULATED CAVITY.
- 100MM THICK 3.6NMMF STANDARD AIRCRETE BLOCKWORK.
- 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH.
- VERTICAL MOVEMENT JOINT TO BE INSTALLED AT JUNCTIONS BETWEEN BRICKWORK AND BLOCKWORK EXTERNAL SKIN. REFER TO ELEVATIONS FOR LOCATIONS.

TIMBER STUD PARTITION BUILD-UP AS PER WALL LEGEND. CONTINUOUS BEADS OF GYPROC SEALANT AT HEADS, SOLES, ABUTMENTS AND PERIMETER SEALANT TO DOOR SETS TO MAINTAIN ACOUSTIC PERFORMANCE. OVERALL THICKNESS OF THE PARTITION SHOULD SUIT A 100MM WIDE DOOR LINING. FIXINGS TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS DETAILS.

FOR NON LOAD BEARING STUD PARTITIONS REFER TO REGIONAL OFFICE FOR SITE CONSTRUCTION SPECIFICATION. PLEASE NOTE THIS DRAWING INDICATES 93MM TIMBER STUD PARTITION. INTERNAL ROOM DIMENSIONS MAY VARY DEPENDING UPON STUD PARTITION SPECIFICATION.

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

CEILINGS THROUGHOUT LIVING AREAS OF GROUND FLOOR TO BE PROVIDED WITH 15MM GYPROC WALLBOARD (9.8kg/m²).

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

RE-CIRCULATION COOKER HOOD EXTRACT TO BE INSTALLED OVER HOB.

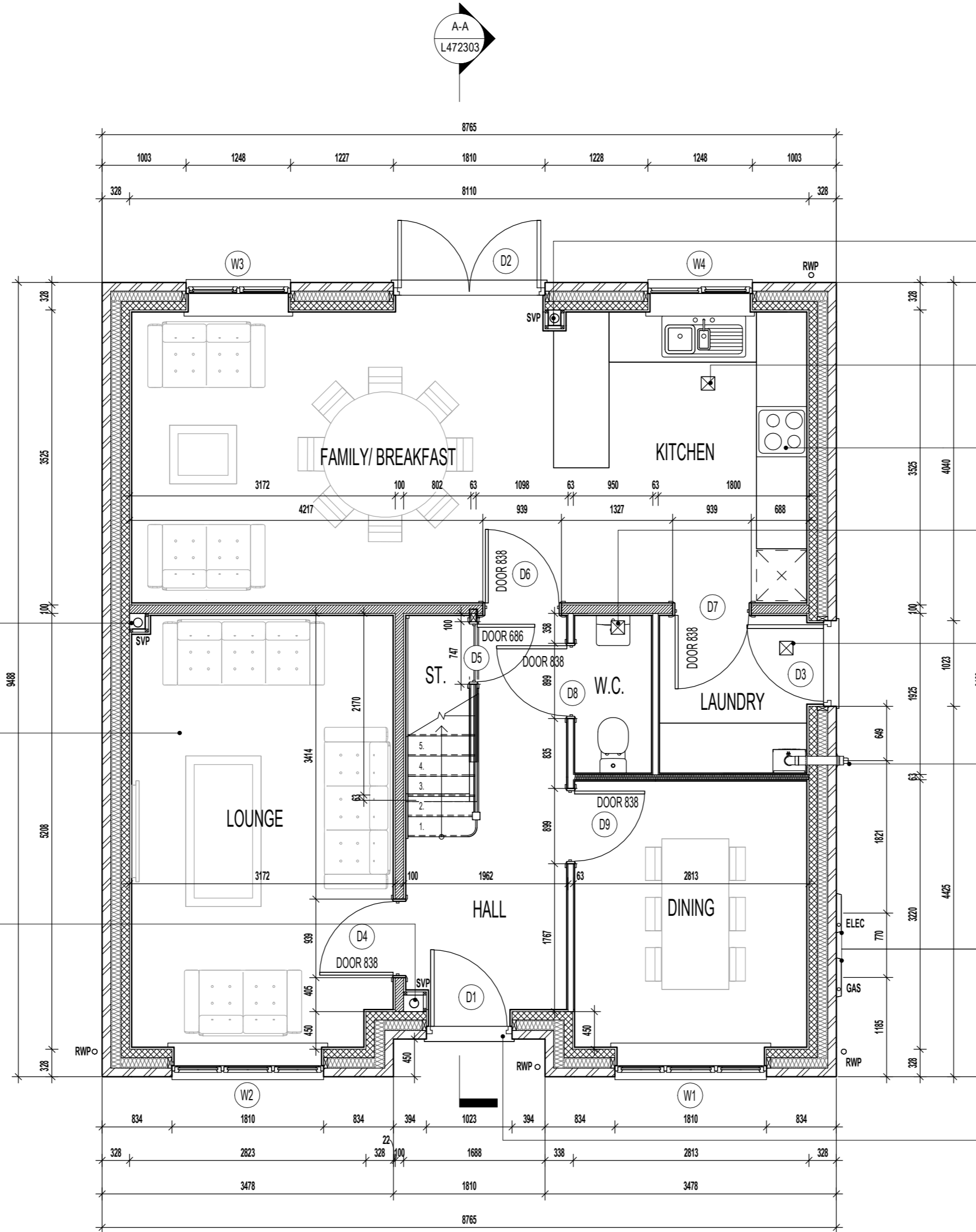
CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

BALANCED FLUE BOILER EXTRACT TAKEN THROUGH TO EXTERNAL GRILLE ENSURE 300MM MIN. CLEAR DISTANCE FROM ANY OPENING. 150MM MIN. FROM A RWP AND 600MM MIN. FROM ANY BOUNDARY LINE. REFER TO STANDARD BOILER DETAIL DRAWING NO. SV-GD-EN-004 & 005.

LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.

INTERNAL THRESHOLD STRIP TO FRONT ENTRANCE TO BE MAX. 15MM IN HEIGHT WITH CHAMFERED EDGES.



GROUND FLOOR PLAN.

Revision Note:

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Scale Drawn By Date

1 : 50 G.T. 06.11.23

Drawing No. Revision

L472201

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**





Drawing Title
GROUND FLOOR PLAN

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 www.millerhomes.co.uk

ORIGINAL SHEET SIZE A2 - DO NOT SCALE FROM THIS DRAWING


CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

WALL LEGEND.

-  DENOTES 353MM THICK CAVITY WALL :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/M² STANDARD AIRCRETE BLOCKWORK
 - 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH
-  DENOTES 150MM THICK LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - 100MM THICK 3.6N/M² LIGHTWEIGHT AGGREGATE BLOCKWORK
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD ON DABS.
-  DENOTES 93MM THICK NON LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - 63 X 38MM TIMBER STUDWORK AT 600MM CTRS.
 - 50MM ISOWOOL APR 1200 INSULATION WHERE INDICATED ON PLANS
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD.
-  DENOTES 105MM THICK STRUCTURAL RACKING WALL:
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH.
 - 12MM PLYWOOD SHEATHING TO BED 2, BED 3, BED 4 & BATH SIDES ONLY.
 - 63 X 38MM TIMBER STUDWORK AT 600MM CTRS.
 - 50MM ISOWOOL APR 1200 INSULATION WHERE INDICATED ON PLANS.
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH.
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD.
 - NOTE: END STUDS FIXED TO BLOCKWORK WITH RESIN ANCHORS @MAX 450MM VERTICAL CENTRES.

ELEVATIONAL TREATMENT -

REFER TO RELEVANT HOUSE TYPE ELEVATIONS FOR ELEVATIONAL TREATMENT AND EXTENT OF ALTERNATIVE EXTERNAL WALL CONSTRUCTION.

-  370MM THICK BLOCKWORK CAVITY WALL CONSTRUCTION: SEE ELEVATIONS FOR EXTERNAL WALL FINISH & LOCATIONS

- EXTERNAL WALL FINISHES: MIN. 20MM WEBER MONOCOUCHE RENDER APPLIED TO SUBSTRATE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.
- 100MM THICK 3.6N/M² LIGHTWEIGHT AGGREGATE BLOCKWORK.
- 90MM WIDE INSULATED CAVITY.
- 100MM THICK 3.6N/M² STANDARD AIRCRETE BLOCKWORK.
- 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH.

VERTICAL MOVEMENT JOINT TO BE INSTALLED AT JUNCTIONS BETWEEN BRICKWORK AND BLOCKWORK EXTERNAL SKIN. REFER TO ELEVATIONS FOR LOCATIONS.

ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-

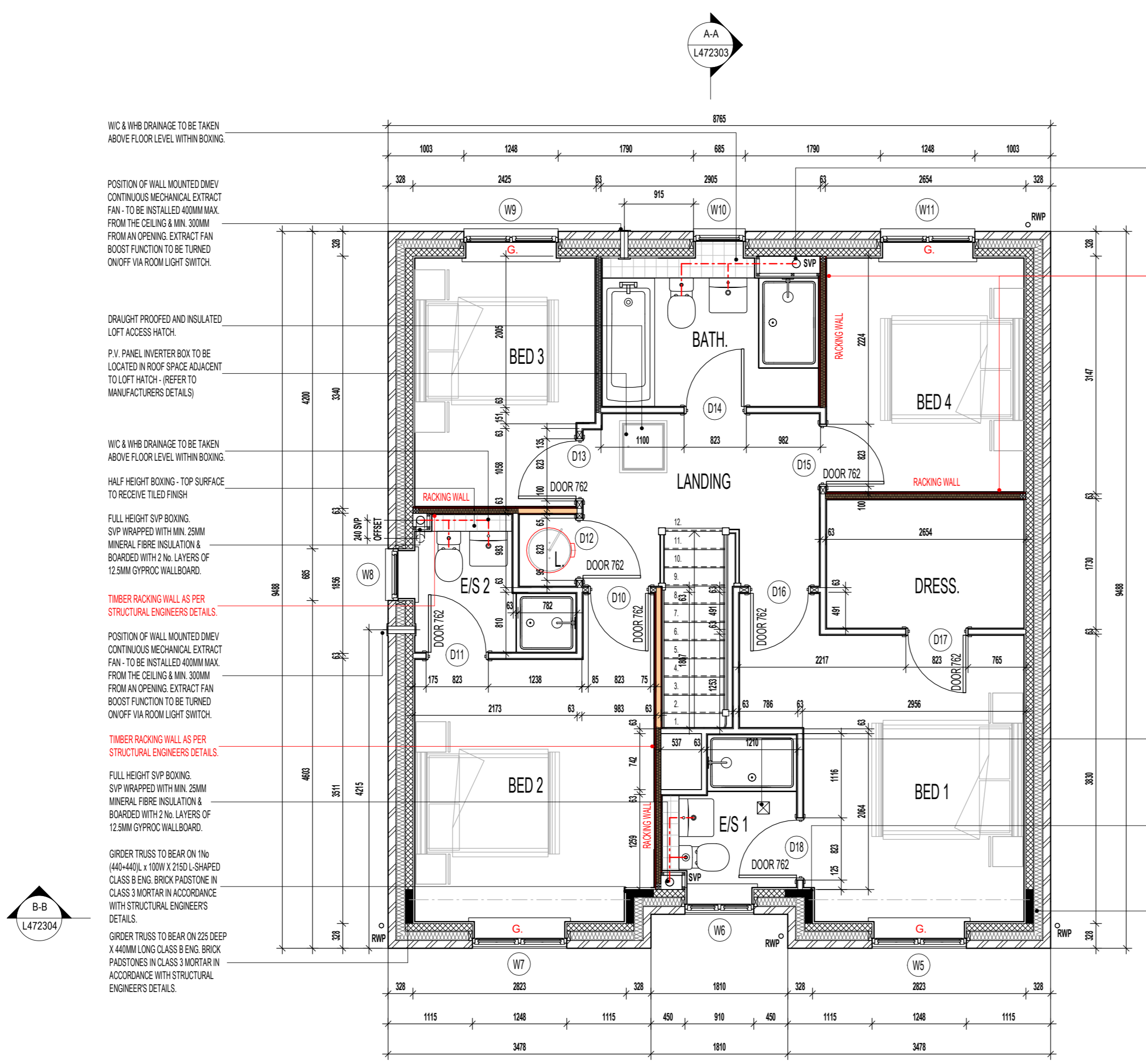
ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.



NOTE:
PROVISION OF SWIFT NEST BOXES TO BE BUILT INTO EXTERNAL WALL CONSTRUCTION IF REQUIRED. (SUBJECT TO PLOTS / PREFERRED ELEVATION LOCATIONS DENOTED ON PROJECT MATERIALS LAYOUT)

REFER TO SEPARATE SWIFT BRICK LOCATIONS DRAWING FOR ACCEPTABLE POSITIONS FOR PROPRIETARY PRODUCT INSTALLATION.

G. GUARDING TO BE PROVIDED AT 1100MM FROM FFL.
NOTE: GUARDING MAY BE OMITTED IF BUILD TOLERANCE TO WINDOW OPENING IS WITHIN A RANGE OF MAXIMUM 1100MM AND MINIMUM 100MM.



WIC & WHB DRAINAGE TO BE TAKEN ABOVE FLOOR LEVEL WITHIN BOXING.

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

DRAUGHT PROOFED AND INSULATED LOFT ACCESS HATCH.

P.V. PANEL INVERTER BOX TO BE LOCATED IN ROOF SPACE ADJACENT TO LOFT HATCH - (REFER TO MANUFACTURERS DETAILS)

WIC & WHB DRAINAGE TO BE TAKEN ABOVE FLOOR LEVEL WITHIN BOXING.

HALF HEIGHT BOXING - TOP SURFACE TO RECEIVE TILED FINISH

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

TIMBER RACKING WALL AS PER STRUCTURAL ENGINEERS DETAILS.

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

TIMBER RACKING WALL AS PER STRUCTURAL ENGINEERS DETAILS.

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

GIRDER TRUSS TO BEAR ON 1No (440x440) x 100W X 215D L-SHAPED CLASS B ENG. BRICK PADSTONE IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

GIRDER TRUSS TO BEAR ON 225 DEEP X 440MM LONG CLASS B ENG. BRICK PADSTONES IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

TIMBER RACKING WALL AS PER STRUCTURAL ENGINEERS DETAILS.

TIMBER STUD PARTITION BUILD-UP AS PER WALL LEGEND. CONTINUOUS BEADS OF GYPROC SEALANT AT HEADS, SOLES, ABUTMENTS AND PERIMETER SEALANT TO DOOR SETS TO MAINTAIN ACOUSTIC PERFORMANCE. OVERALL THICKNESS OF THE PARTITION SHOULD SUIT A 100MM WIDE DOOR LINING. FIXINGS TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS DETAILS.

FOR NON LOAD BEARING STUD PARTITIONS REFER TO REGIONAL OFFICE FOR SITE CONSTRUCTION SPECIFICATION. PLEASE NOTE THIS DRAWING INDICATES 63MM TIMBER STUD PARTITION. INTERNAL ROOM DIMENSIONS MAY VARY DEPENDING UPON STUD PARTITION SPECIFICATION.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH ROOF VOID TO TILE VENT. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

GIRDER TRUSS TO BEAR ON 1No (440x440) x 100W X 215D L-SHAPED CLASS B ENG. BRICK PADSTONE IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

GIRDER TRUSS TO BEAR ON 225 DEEP X 440MM LONG CLASS B ENG. BRICK PADSTONES IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

FIRST FLOOR PLAN.

Project Title
**LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
FIRST FLOOR PLAN




Revision Note:		
Scale	Drawn By	Date
1 : 50	G.T.	06.11.23
Drawing No.	Revision	
L472202		



CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

ORIGINAL SHEET SIZE A2 - DO NOT SCALE FROM THIS DRAWING

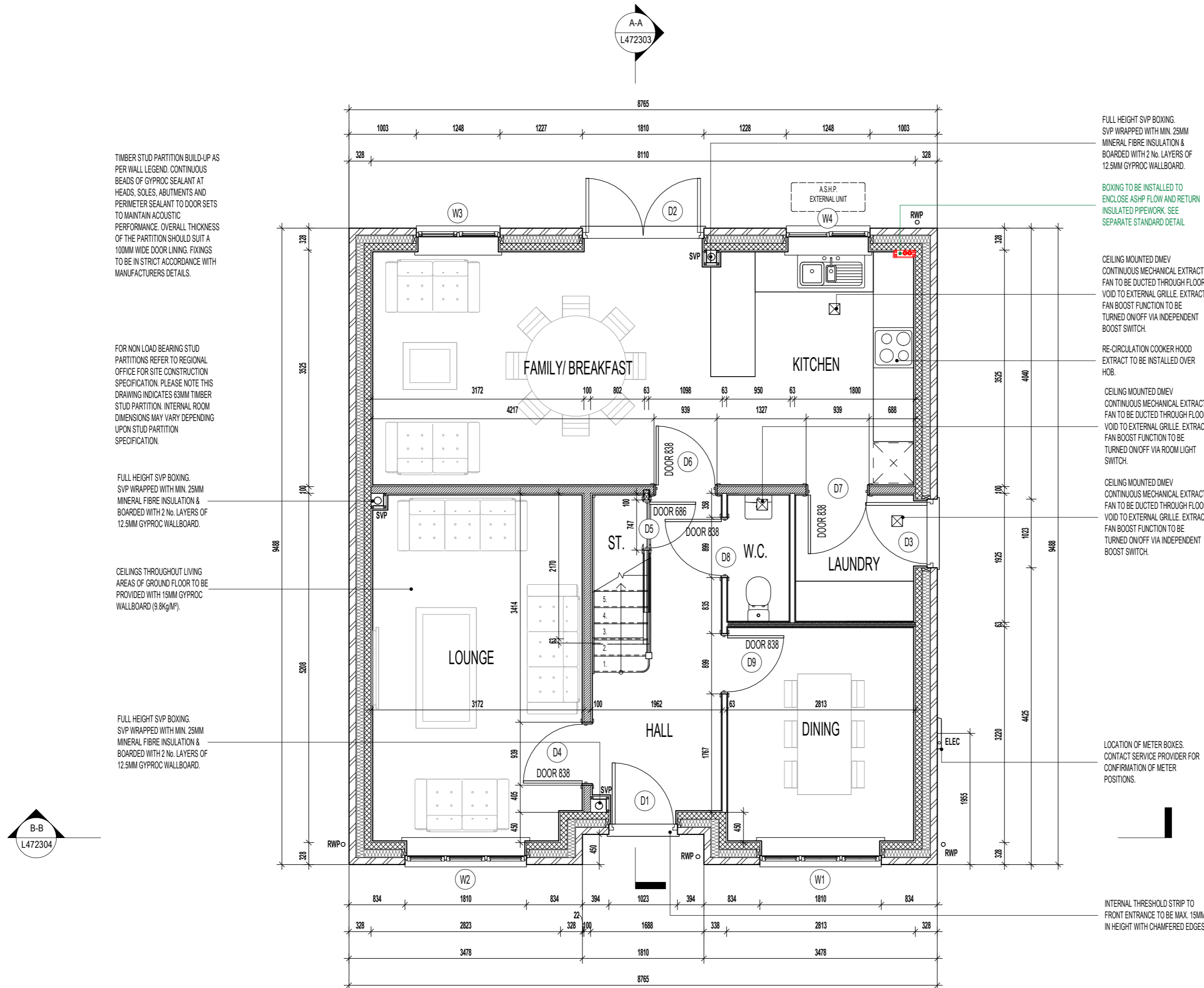
WALL LEGEND.

- 
 DENOTES 353MM THICK CAVITY WALL :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/M² STANDARD AIRCRETE BLOCKWORK
 - 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH
- 
 DENOTES 150MM THICK LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - 100MM THICK 3.6N/M² LIGHTWEIGHT AGGREGATE BLOCKWORK
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD ON DABS.
- 
 DENOTES 93MM THICK NON LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - 63 X 38MM TIMBER STUDWORK AT 600MM CTRS.
 - 50MM ISOWOOL APR 1200 INSULATION WHERE INDICATED ON PLANS
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD

ELEVATIONAL TREATMENT-

REFER TO RELEVANT HOUSE TYPE ELEVATIONS FOR ELEVATIONAL TREATMENT AND EXTENT OF ALTERNATIVE EXTERNAL WALL CONSTRUCTION.

- 
 370MM THICK BLOCKWORK CAVITY WALL CONSTRUCTION:
 SEE ELEVATIONS FOR EXTERNAL WALL FINISH & LOCATIONS
- EXTERNAL WALL FINISHES:** MIN. 20MM WEBER MONOCOUCHE RENDER APPLIED TO SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
 - 100MM THICK 3.6N/M² LIGHTWEIGHT AGGREGATE BLOCKWORK.
 - 90MM WIDE INSULATED CAVITY.
 - 100MM THICK 3.6N/M² STANDARD AIRCRETE BLOCKWORK.
 - 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH.
- VERTICAL MOVEMENT JOINT TO BE INSTALLED AT JUNCTIONS BETWEEN BRICKWORK AND BLOCKWORK EXTERNAL SKIN. REFER TO ELEVATIONS FOR LOCATIONS.



GROUND FLOOR PLAN.

Revision Note:

Scale	Drawn By	Date
1 : 50	G.T.	14.03.25
Drawing No.	Revision	
L472205		

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



Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP GROUND FLOOR PLAN

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING.

ORIGINAL SHEET SIZE A2 - DO NOT SCALE FROM THIS DRAWING

WALL LEGEND.

-  DENOTES 353MM THICK CAVITY WALL :
 - 102.5MM FACING BRICKWORK
 - 125MM WIDE INSULATED CAVITY
 - 100MM THICK 3.6N/M² STANDARD AIRCRETE BLOCKWORK
 - 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH
-  DENOTES 150MM THICK LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - 100MM THICK 3.6N/M² LIGHTWEIGHT AGGREGATE BLOCKWORK
 - 12.5MM GYPROC WALLBOARD DRYLINING ON DABS WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD ON DABS.
-  DENOTES 93MM THICK NON LOAD BEARING PARTITION WALL :
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - 63 X 38MM TIMBER STUDWORK AT 600MM CTRS.
 - 50MM ISOWOOL APR 1200 INSULATION WHERE INDICATED ON PLANS
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD.
-  DENOTES 105MM THICK STRUCTURAL RACKING WALL:
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH.
 - 12MM PLYWOOD SHEATHING TO BED 2, BED 3, BED 4 & BATH SIDES ONLY.
 - 63 X 38MM TIMBER STUDWORK AT 600MM CTRS.
 - 50MM ISOWOOL APR 1200 INSULATION WHERE INDICATED ON PLANS.
 - 12.5MM GYPROC WALLBOARD WITH NOMINAL SKIM FINISH.
 - NOTE: WET AREAS TO RECEIVE 12.5MM GYPROC MOISTURE RESISTANT PLASTERBOARD.
 - NOTE: END STUDS FIXED TO BLOCKWORK WITH RESIN ANCHORS @MAX 450MM VERTICAL CENTRES.

ELEVATIONAL TREATMENT -

REFER TO RELEVANT HOUSE TYPE ELEVATIONS FOR ELEVATIONAL TREATMENT AND EXTENT OF ALTERNATIVE EXTERNAL WALL CONSTRUCTION.

-  370MM THICK BLOCKWORK CAVITY WALL CONSTRUCTION: SEE ELEVATIONS FOR EXTERNAL WALL FINISH & LOCATIONS

- EXTERNAL WALL FINISHES: MIN. 20MM WEBER MONOCOUCHE RENDER APPLIED TO SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
- 100MM THICK 3.6N/M² LIGHTWEIGHT AGGREGATE BLOCKWORK.
- 90MM WIDE INSULATED CAVITY.
- 100MM THICK 3.6N/M² STANDARD AIRCRETE BLOCKWORK.
- 12.5MM PLASTERBOARD ON 10MM DABS WITH SKIM FINISH.

VERTICAL MOVEMENT JOINT TO BE INSTALLED AT JUNCTIONS BETWEEN BRICKWORK AND BLOCKWORK EXTERNAL SKIN. REFER TO ELEVATIONS FOR LOCATIONS.

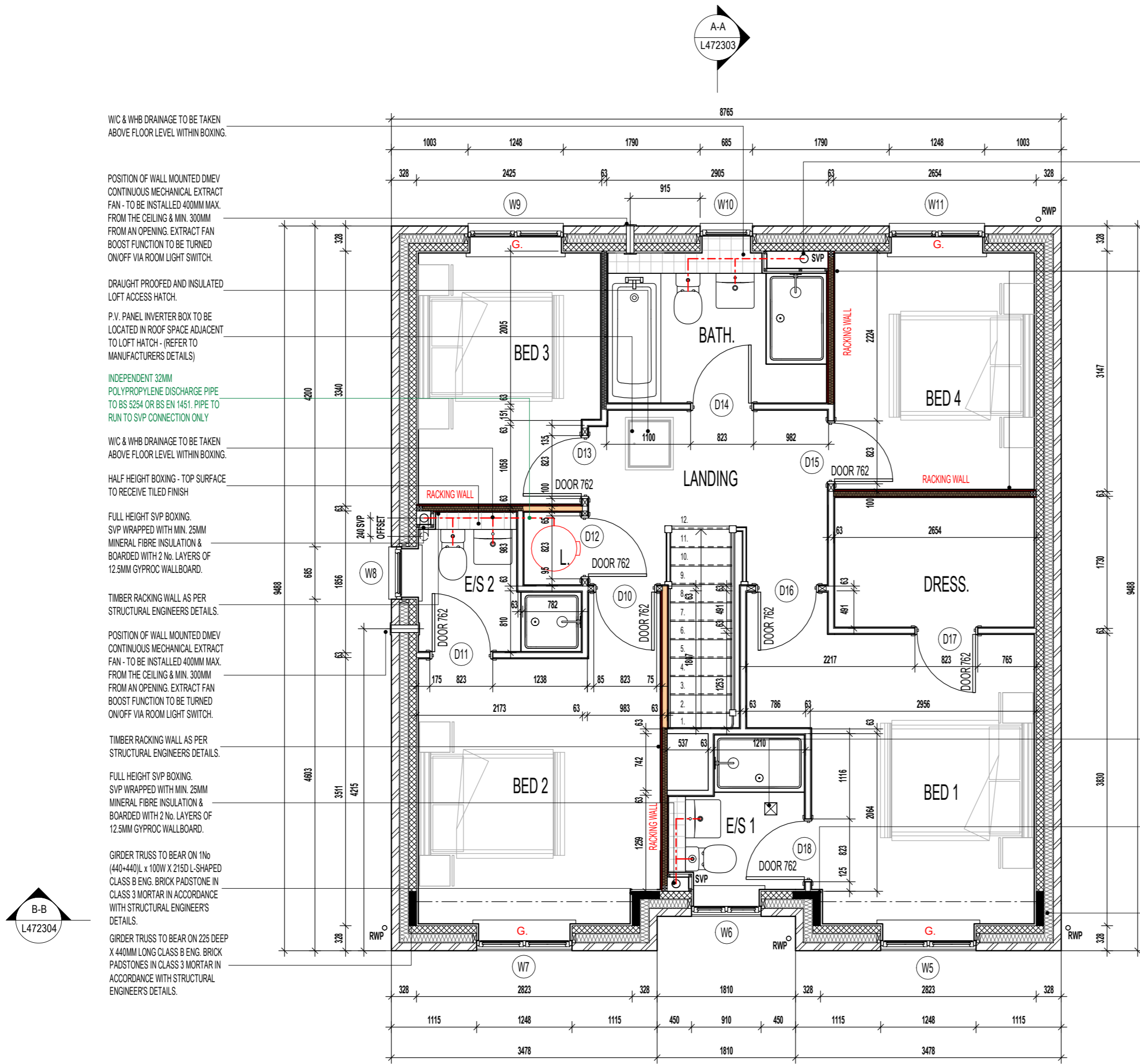
ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-

ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.



NOTE:
PROVISION OF SWIFT NEST BOXES TO BE BUILT INTO EXTERNAL WALL CONSTRUCTION IF REQUIRED. (SUBJECT TO PLOTS / PREFERRED ELEVATION LOCATIONS DENOTED ON PROJECT MATERIALS LAYOUT)
REFER TO SEPARATE SWIFT BRICK LOCATIONS DRAWING FOR ACCEPTABLE POSITIONS FOR PROPRIETARY PRODUCT INSTALLATION.

G. GUARDING TO BE PROVIDED AT 1100MM FROM FFL.
NOTE: GUARDINGS MAY BE OMITTED IF BUILD TOLERANCE TO WINDOW OPENING IS WITHIN A RANGE OF MAXIMUM 1100MM AND MINIMUM 1000MM.



WC & WHB DRAINAGE TO BE TAKEN ABOVE FLOOR LEVEL WITHIN BOXING.

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

DRAUGHT PROOFED AND INSULATED LOFT ACCESS HATCH.

P.V. PANEL INVERTER BOX TO BE LOCATED IN ROOF SPACE ADJACENT TO LOFT HATCH - (REFER TO MANUFACTURERS DETAILS)

INDEPENDENT 32MM POLYPROPYLENE DISCHARGE PIPE TO BS 5254 OR BS EN 1451. PIPE TO RUN TO SVP CONNECTION ONLY

WC & WHB DRAINAGE TO BE TAKEN ABOVE FLOOR LEVEL WITHIN BOXING.

HALF HEIGHT BOXING - TOP SURFACE TO RECEIVE TILED FINISH

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

TIMBER RACKING WALL AS PER STRUCTURAL ENGINEERS DETAILS.

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

TIMBER RACKING WALL AS PER STRUCTURAL ENGINEERS DETAILS.

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

GIRDER TRUSS TO BEAR ON 1No (440x440)L x 100W X 215D L-SHAPED CLASS B ENG. BRICK PADSTONE IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

GIRDER TRUSS TO BEAR ON 225 DEEP X 440MM LONG CLASS B ENG. BRICK PADSTONES IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

FULL HEIGHT SVP BOXING. SVP WRAPPED WITH MIN. 25MM MINERAL FIBRE INSULATION & BOARDED WITH 2 No. LAYERS OF 12.5MM GYPROC WALLBOARD.

TIMBER RACKING WALL AS PER STRUCTURAL ENGINEERS DETAILS.

TIMBER STUD PARTITION BUILD-UP AS PER WALL LEGEND. CONTINUOUS BEADS OF GYPROC SEALANT AT HEADS, SOLES, ABUTMENTS AND PERIMETER SEALANT TO DOOR SETS TO MAINTAIN ACOUSTIC PERFORMANCE. OVERALL THICKNESS OF THE PARTITION SHOULD SUIT A 100MM WIDE DOOR LINING. FIXINGS TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS DETAILS.

FOR NON LOAD BEARING STUD PARTITIONS REFER TO REGIONAL OFFICE FOR SITE CONSTRUCTION SPECIFICATION. PLEASE NOTE THIS DRAWING INDICATES 63MM TIMBER STUD PARTITION. INTERNAL ROOM DIMENSIONS MAY VARY DEPENDING UPON STUD PARTITION SPECIFICATION.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH ROOF VOID TO TILE VENT. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

GIRDER TRUSS TO BEAR ON 1No (440x440)L x 100W X 215D L-SHAPED CLASS B ENG. BRICK PADSTONE IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

GIRDER TRUSS TO BEAR ON 225 DEEP X 440MM LONG CLASS B ENG. BRICK PADSTONES IN CLASS 3 MORTAR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS.

FIRST FLOOR PLAN.



Project Title
**LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP FIRST FLOOR PLAN

Revision Note:		
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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

ORIGINAL SHEET SIZE A2 - DO NOT SCALE FROM THIS DRAWING

WASTE PIPES TO FALL WITHIN FLOOR VOID AND CONNECT INTO ADJACENT SVP. REFER TO WET AREA LAYOUT DWG FOR DETAILS.

LOCATION OF HOT WATER CYLINDER. ACCORDING TO APPROVED DOCUMENT PART G, TABLE 1; A DISCHARGE PIPE OF 22MM DIAMETER TO TUNDISH, WITH 35MM PIPE FROM TUNDISH HAS MAXIMUM DISTANCE FROM TUNDISH TO SVP OF 18M. EACH ELBOW REDUCES DISTANCE BY 1.4M."

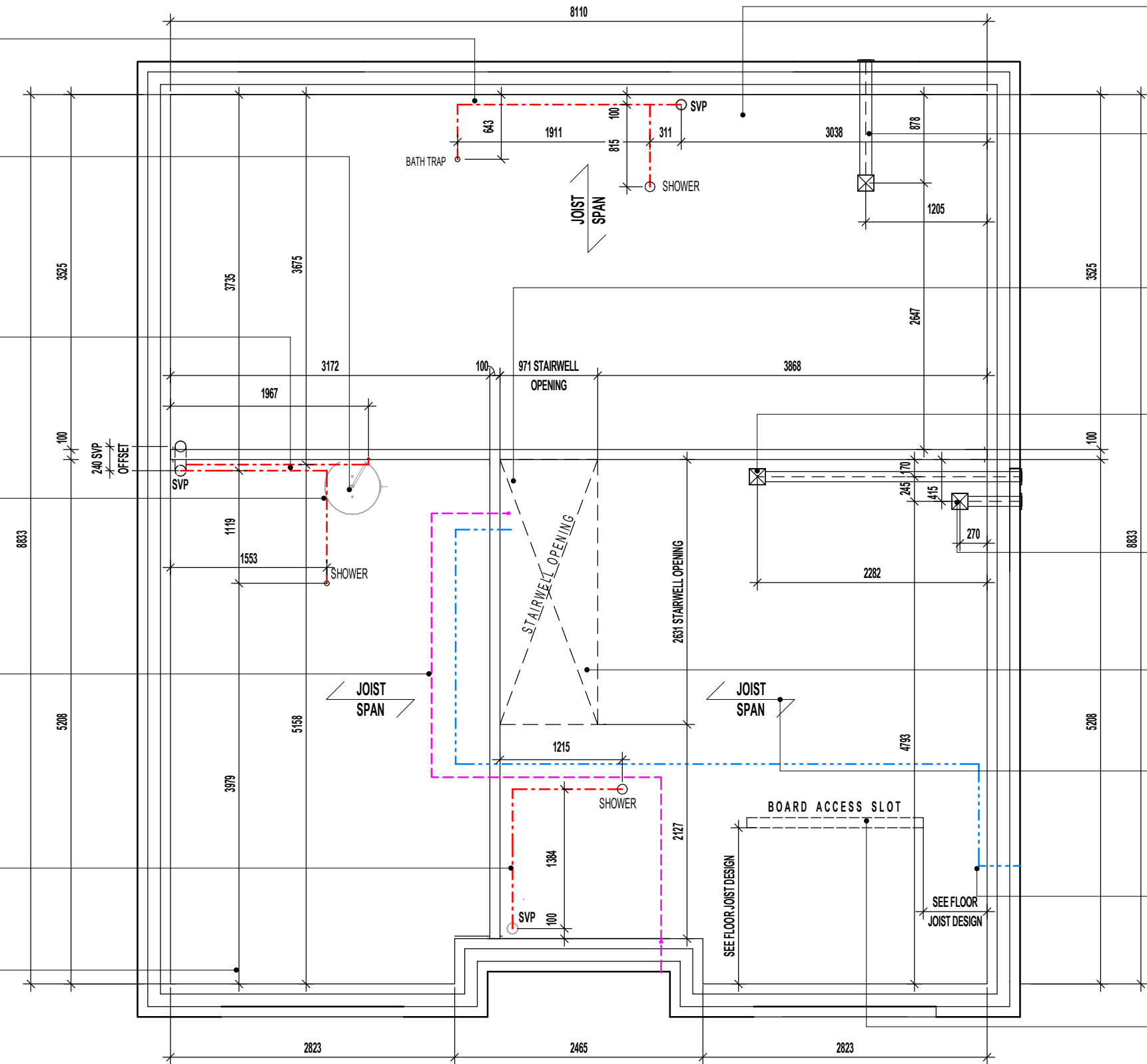
INDEPENDENT 32MM POLYPROPYLENE DISCHARGE PIPE TO BS 5254 OR BS EN 1451. PIPE TO RUN TO SVP CONNECTION ONLY, AS DIMENSIONED. ENSURE POLYPROPYLENE PIPE HAS A CONTINUOUS FALL AND SUPPORTED AT 300MM CENTRES TO ENSURE PIPEWORK DOES NOT SAG. READ IN CONJUNCTION WITH JOIST LAYOUT

WASTE PIPES TO FALL WITHIN FLOOR VOID AND CONNECT INTO ADJACENT SVP. REFER TO WET AREA LAYOUT DWG FOR DETAILS.

PRE-CONNECTORISED CABLE TO BE INSTALLED AS PER OPENREACH DEVELOPER GUIDE AT FIRST FIX STAGE. 1M LENGTH TO BE LEFT COILED UP WITHIN EMPTY BACK BOX WITH BLANKING PLATE FITTED INTERNALLY AND 1M COILED UP SUFFICIENTLY PROTECTED EXTERNALLY, ENSURING NO DAMAGE OCCURS TO PRE CONNECTORISED CABLE AT ANY POINT PRIOR TO COMMISSIONING BY PROVIDER. ONT AND BBU TO BE FITTED AT SECOND FIX STAGE (ALL ITEMS TO BE PROVIDED BY OPENREACH)

WASTE PIPES TO FALL WITHIN FLOOR VOID AND CONNECT INTO ADJACENT SVP. REFER TO WET AREA LAYOUT DWG FOR DETAILS.

30 X 5MM SECTION GALV. M.S. LATERAL RESTRAINT STRAPS AT MAX. 2000MM CTS. FIXED ACROSS FIRST 3No. JOISTS. REFER TO MANUFACTURER'S DESIGN FOR LOCATIONS.



TIMBER NOGGINS TO SUPPORT PARTITION ABOVE WHICH RUNS PARALLEL TO MAIN JOISTS, FIXED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND DETAILS.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

STAIRWELL SACRIFICIAL JOIST AREA TO INCLUDE A 1200mm x 600mm TRAP DOOR IN ACCORDANCE WITH MILLER DETAIL MHY/SD/SJ/001 & MANUFACTURER'S FLOOR JOIST DESIGN.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

NOTE: OVERALL CLEAR OPENING SIZES BETWEEN FACES OF TRIMMER JOISTS TO BE CHECKED AGAINST STAIRCASE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANY DISCREPANCIES REPORTED.

240MM 'I-BEAM' JOISTS, INSTALLED IN STRICT ACCORDANCE WITH APPROVED MANUFACTURER'S INSTRUCTIONS AND DETAILS.

DOT/DASH LINE INDICATES APPROXIMATE ROUTE OF 25MM METER TAIL CABLE TO RUN DIRECTLY TO CONSUMER UNIT FROM METER BOX. CABLE TO BE MECHANICALLY PROTECTED USING A THICKER PLATE SHEATHING AND NO LONGER THAN 15M IN LENGTH. CABLE TO TAKE SHORTEST POSSIBLE ROUTE.

PLASTERBOARD ACCESS SLOT SIZE / LOCATION SUBJECT TO FLOOR JOIST MANUFACTURER'S DESIGN & DETAILS

F.F. INDICATIVE FLOOR JOIST LAYOUT.

REFER TO MANUFACTURER'S DRAWINGS FOR FURTHER INFORMATION.

Revision Note:

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Scale

1 : 50

Drawn By

G.T.

Date

06.11.23

Drawing No.

L472301

Revision

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Project Title

LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title

F.F. INDICATIVE FLOOR JOIST LAYOUT

COLD ROOF CONSTRUCTION DETAILS: - (IN ACCORDANCE WITH NHBC STANDARDS 7.2.15)

- ROOF UNDERLAY = VAPOUR IMPERMEABLE (TYPE HR)

VENTILATION PROVISION:

- EAVES LEVEL = 10,000mm²/m RUN
- RIDGE LEVEL (WHERE ROOF PITCH IS 35° OR ABOVE OR EXCEEDS 10M CLEAR SPAN) = 5,000mm²/m RUN
- HIGH LEVEL ON MONO-PITCH (LEAN-TO) ROOFS = 5,000mm²/m RUN

NOTE:
EAVES SPACER (i.e. RAFTER TRAY) TO BE INSTALLED TO MAINTAIN 25MM CLEAR AIRWAY OVER FULL LENGTH OF EAVES INSULATION.

DENOTES 1450 X 150 X 30 X 5MM GALV. M.S. RESTRAINT STRAPS AT MAX. 2000MM CTS TO BE INSTALLED IN ACCORDANCE WITH TRUSS MANUFACTURERS DESIGN.

P.V. PANEL INVERTER BOX TO BE LOCATED IN ROOF SPACE ADJACENT TO LOFT HATCH - (REFER TO MANUFACTURERS DETAILS)

ROOF INSULATION TO BE GLASS FIBRE QUILT TO ROOF SPACE. OVERALL 600MM - 100MM LAID BETWEEN CEILING JOISTS WITH 1 LAYER OF 100MM AND 2No. LAYER OF 200MM CROSS LAID TO ACHIEVE A U-VALUE OF 0.07 W/m²K (THERMAL CONDUCTIVITY 0.044W/mK).

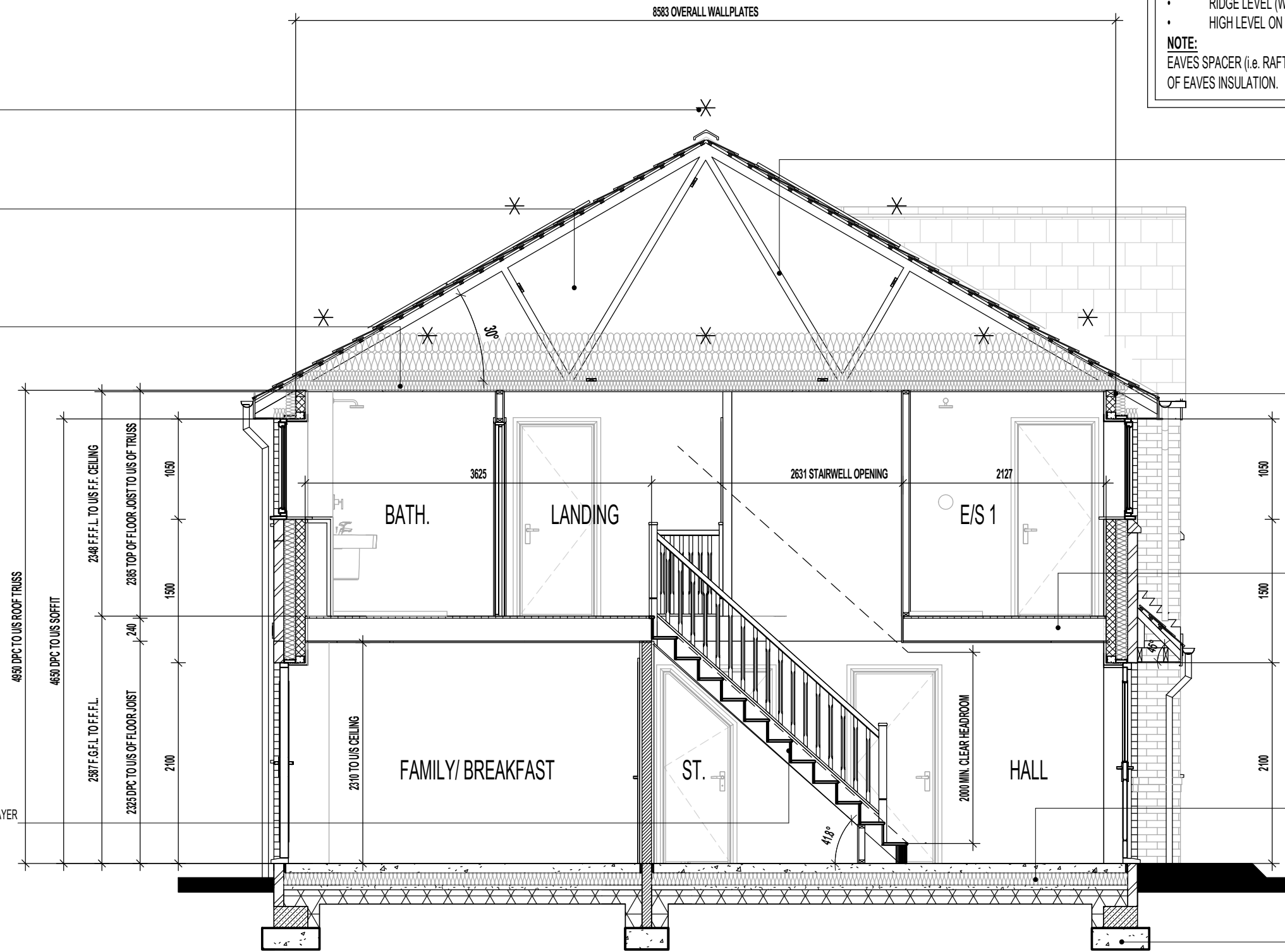
REFER TO ROOF TRUSS MANUFACTURER'S LAYOUT & DESIGN FOR EXACT ROOF PROFILES / CENTRES ETC..

65 X 100MM TIMBER WALLPLATE ON 10MM MORTAR BED.

FLOOR CONSTRUCTION TO ACHIEVE MINIMUM 40dB AND 30 MIN. FIRE RESISTANCE TO ALL FLOORS: 22MM CHIPBOARD FLOORING PROVIDING A MIN. MASS 15kg/M². 240MM '1 BEAM' JOIST SPACED AT NO LESS THAN 400MM CENTRES. REFER TO MANUFACTURER'S DETAILS FOR CONFIRMATION. 15MM PLASTERBOARD CEILING FINISH PROVIDING A MASS 9.8kg/M².

GROUND FLOOR SLAB TO RECEIVE 125MM INSULATION WITH A THERMAL CONDUCTIVITY OF 0.022W/mK TO ENSURE A MINIMUM AREA WEIGHTED 'U' VALUE OF 0.14W/m²K IS ACHIEVED.

CONCRETE FOUNDATIONS TO BE STRICTLY IN ACCORDANCE WITH STRUCTURAL ENGINEER'S DESIGN SPECIFICATION & DETAILS



SECTION A-A

FOUNDATIONS ARE INDICATIVE ONLY AND STRUCTURAL ENGINEERS DETAILS SHOULD BE READ IN CONJUNCTION WITH THIS DRAWING.

Revision Note:

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Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
SECTION A-A

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ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

COLD ROOF CONSTRUCTION DETAILS: - (IN ACCORDANCE WITH NHBC STANDARDS 7.2.15)

- ROOF UNDERLAY = VAPOUR IMPERMEABLE (TYPE HR)

VENTILATION PROVISION:

- EAVES LEVEL = 10,000mm²/m RUN
- RIDGE LEVEL (WHERE ROOF PITCH IS 35° OR ABOVE OR EXCEEDS 10M CLEAR SPAN) = 5,000mm²/m RUN
- HIGH LEVEL ON MONO-PITCH (LEAN-TO) ROOFS = 5,000mm²/m RUN

NOTE:

EAVES SPACER (i.e. RAFTER TRAY) TO BE INSTALLED TO MAINTAIN 25MM CLEAR AIRWAY OVER FULL LENGTH OF EAVES INSULATION.

REFER TO ROOF TRUSS MANUFACTURER'S LAYOUT & DESIGN FOR EXACT ROOF PROFILES / CENTRES ETC.

DENOTES 1450 X 150 X 30 X 5MM GALV. M.S. RESTRAINT STRAPS AT MAX. 2000MM CTS TO BE INSTALLED IN ACCORDANCE WITH TRUSS MANUFACTURERS DESIGN.

P.V. PANEL INVERTER BOX TO BE LOCATED IN ROOF SPACE ADJACENT TO LOFT HATCH - (REFER TO MANUFACTURERS DETAILS)

65 X 100MM TIMBER WALLPLATE ON 10MM MORTAR BED.

ROOF INSULATION TO BE GLASS FIBRE QUILT TO ROOF SPACE. OVERALL 600MM - 100MM LAID BETWEEN CEILING JOISTS WITH 1 LAYER OF 100MM AND 2No. LAYER OF 200MM CROSS LAID TO ACHIEVE A U-VALUE OF 0.07 W/m²K (THERMAL CONDUCTIVITY 0.044W/mK).

FLOOR CONSTRUCTION TO ACHIEVE MINIMUM 40dB AND 30 MIN. FIRE RESISTANCE TO ALL FLOORS: 22MM CHIPBOARD FLOORING PROVIDING A MIN. MASS 15kg/M². 240MM '1 BEAM' JOIST SPACED AT NO LESS THAN 400MM CENTRES. REFER TO MANUFACTURER'S DETAILS FOR CONFIRMATION. 15MM PLASTERBOARD CEILING FINISH PROVIDING A MASS 9.8kg/M².

GROUND FLOOR SLAB TO RECEIVE 125MM INSULATION WITH A THERMAL CONDUCTIVITY OF 0.022W/mK TO ENSURE A MINIMUM AREA WEIGHTED 'U' VALUE OF 0.14W/m²K IS ACHIEVED.

CONCRETE FOUNDATIONS TO BE STRICTLY IN ACCORDANCE WITH STRUCTURAL ENGINEER'S DESIGN SPECIFICATION & DETAILS

CEILINGS THROUGHOUT LIVING AREAS OF GROUND FLOOR TO BE PROVIDED WITH 15MM GYPROC WALLBOARD (9.8kg/M²).

REFER TO ROOF TRUSS MANUFACTURER'S LAYOUT & DESIGN FOR EXACT ROOF PROFILES / CENTRES ETC.

DENOTES 1450 X 150 X 30 X 5MM GALV. M.S. RESTRAINT STRAPS AT MAX. 2000MM CTS TO BE INSTALLED IN ACCORDANCE WITH TRUSS MANUFACTURERS DESIGN.

65 X 100MM TIMBER WALLPLATE ON 10MM MORTAR BED.

ROOF INSULATION TO BE GLASS FIBRE QUILT TO ROOF SPACE. OVERALL 600MM - 100MM LAID BETWEEN CEILING JOISTS WITH 1 LAYER OF 100MM AND 2No. LAYER OF 200MM CROSS LAID TO ACHIEVE A U-VALUE OF 0.07 W/m²K (THERMAL CONDUCTIVITY 0.044W/mK).

FLOOR CONSTRUCTION TO ACHIEVE MINIMUM 40dB AND 30 MIN. FIRE RESISTANCE TO ALL FLOORS: 22MM CHIPBOARD FLOORING PROVIDING A MIN. MASS 15kg/M². 240MM '1 BEAM' JOIST SPACED AT NO LESS THAN 400MM CENTRES. REFER TO MANUFACTURER'S DETAILS FOR CONFIRMATION. 15MM PLASTERBOARD CEILING FINISH PROVIDING A MASS 9.8kg/M².

GROUND FLOOR SLAB TO RECEIVE 125MM INSULATION WITH A THERMAL CONDUCTIVITY OF 0.022W/mK TO ENSURE A MINIMUM AREA WEIGHTED 'U' VALUE OF 0.14W/m²K IS ACHIEVED.

CONCRETE FOUNDATIONS TO BE STRICTLY IN ACCORDANCE WITH STRUCTURAL ENGINEER'S DESIGN SPECIFICATION & DETAILS

CEILINGS THROUGHOUT LIVING AREAS OF GROUND FLOOR TO BE PROVIDED WITH 15MM GYPROC WALLBOARD (9.8kg/M²).

SECTION B-B

FOUNDATIONS ARE INDICATIVE ONLY AND STRUCTURAL ENGINEERS DETAILS SHOULD BE READ IN CONJUNCTION WITH THIS DRAWING.

Revision Note:

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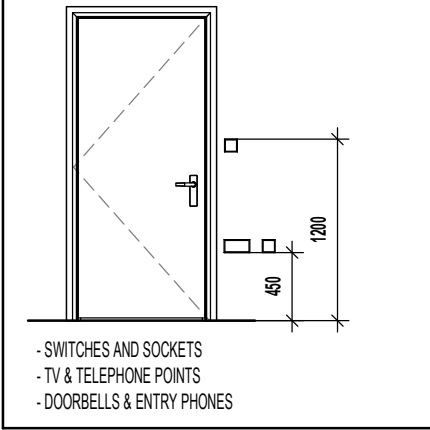
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Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
SECTION B-B

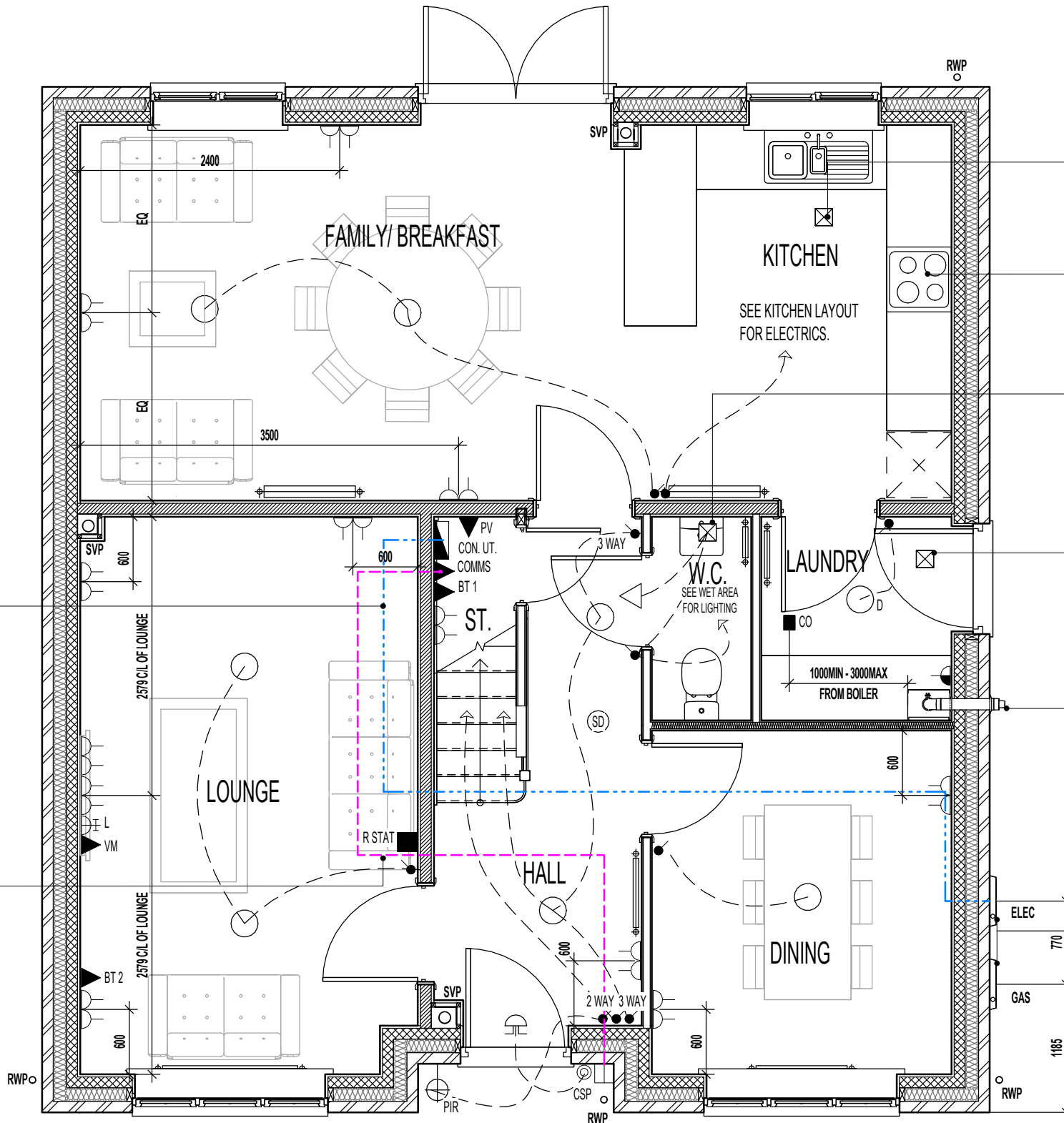
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PART M4(1) ~ ACCESSIBLE CONTROLS



DOT/DASH LINE INDICATES APPROXIMATE ROUTE OF 25MM METER TAIL CABLE TO RUN DIRECTLY TO CONSUMER UNIT FROM METER BOX. CABLE TO BE MECHANICALLY PROTECTED USING A THICKER PLATE SHEATHING AND NO LONGER THAN 15M IN LENGTH. CABLE TO TAKE SHORTEST POSSIBLE ROUTE.

PRE-CONNECTORISED CABLE TO BE INSTALLED AS PER OPENREACH DEVELOPER GUIDE AT FIRST FIX STAGE. 1M LENGTH TO BE LEFT COILED UP WITHIN EMPTY BACK BOX WITH BLANKING PLATE FITTED INTERNALLY AND 1M COILED UP SUFFICIENTLY PROTECTED EXTERNALLY, ENSURING NO DAMAGE OCCURS TO PRE CONNECTORISED CABLE AT ANY POINT PRIOR TO COMMISSIONING BY PROVIDER. ONT AND BBU TO BE FITTED AT SECOND FIX STAGE (ALL ITEMS TO BE PROVIDED BY OPENREACH)



CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

RE-CIRCULATION COOKER HOOD EXTRACT TO BE INSTALLED OVER HOB.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

BALANCED FLUE BOILER EXTRACT TAKEN THROUGH TO EXTERNAL GRILLE ENSURE 300MM MIN. CLEAR DISTANCE FROM ANY OPENING, 150MM MIN. FROM A RWP AND 600MM MIN. FROM ANY BOUNDARY LINE. REFER TO STANDARD BOILER DETAIL DRAWING NO. SV-GD-EN-004 & 005.

LOCATION OF METER BOXES. CONTACT SERVICE PROVIDER FOR CONFIRMATION OF METER POSITIONS.

ELECTRICAL LEGEND.

P.I.R.	WALL MOUNTED LIGHT FITTING WITH P.I.R.
○	PENDANT CEILING MOUNTED LOW ENERGY LIGHT.
D ○	DRUM LOW ENERGY LIGHT.
⊙	CEILING MOUNTED SMOKE DETECTOR.
■ CO	CEILING MOUNTED CARBON MONOXIDE DETECTOR.
●	LIGHT SWITCH.
● 2 WAY	2 WAY LIGHT SWITCH.
● 3 WAY	3 WAY LIGHT SWITCH.
⌋	DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL).
L	LOUNGE COMMUNICATION PLATE TO CONSIST OF : - CO-AXIAL (FEMALE SCREENED) MODULE - SATELLITE (FEMALE SCREENED) MODULE - BT 3
BT 1 ▲	BT POINT (ROUTER POSITION) - DAISY CHAIN LINKED TO BT 2.
BT 2 ▲	BT POINT (TELEPHONE POSITION) - DAISY CHAIN LINKED TO BT 3.
COMMS ▲	FIBRE NETWORK INSTALLATION TERMINATION POINT - (EQUIPMENT AS SUPPLIED BY RELEVANT PROVIDER). REFER TO SEPARATE STANDARD INSTALLER'S DETAIL
CSP	EXTERNAL CUSTOMER SPLICE POINT LOCATION. (SUPPLIED BY PROVIDER)
VM ▲	VIRGIN MEDIA - PLEASE CHECK WITH SALES ADVISOR FOR AVAILABILITY.
PV ▲	P.V. INVERTER ISOLATION SWITCH & PV GENERATION METER TO SPECIALISTS DETAILS.
△	ISOLATOR SWITCH HIGH LEVEL.
⊠	DMEV CEILING MOUNTED EXTRACT FAN.
⌋	DOOR CHIME.
⊙	BELL PUSH.
R STAT	ROOM STAT.
CON.	CONSUMER UNIT. (SWITCHES TO BE 1350MM TO 1450MM FROM FFL).
⌋	BOILER FUSED SPUR
⌋	RADIATOR.

GROUND FLOOR PLAN.

Revision Note:

Revision Note: [Empty box for revision notes]

Project Title
LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title
GROUND FLOOR ELECTRICAL PLAN

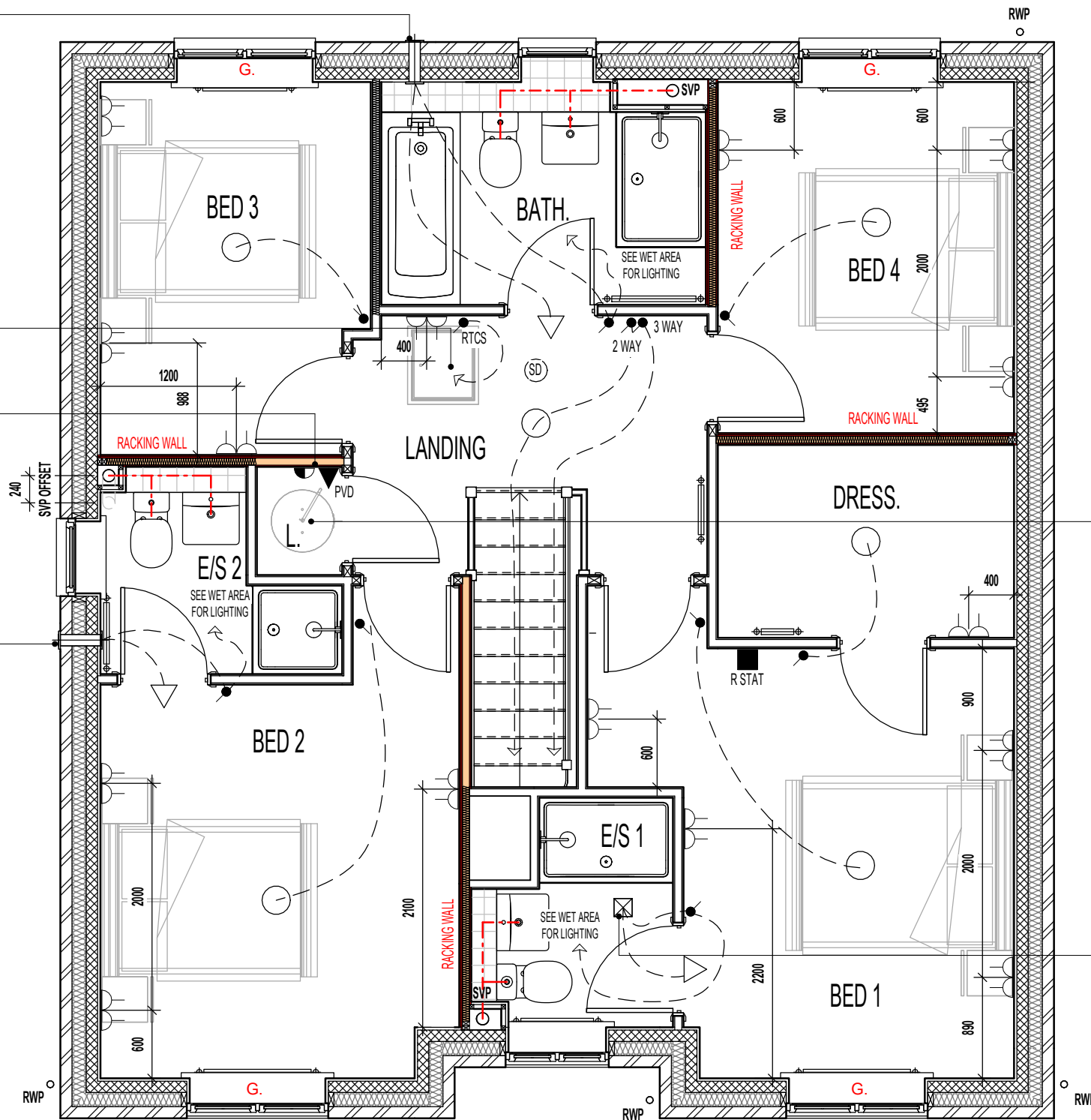
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Drawn By: G.T.
Date: 06.11.23
Drawing No.: L472510
Revision: [Empty box for revision]

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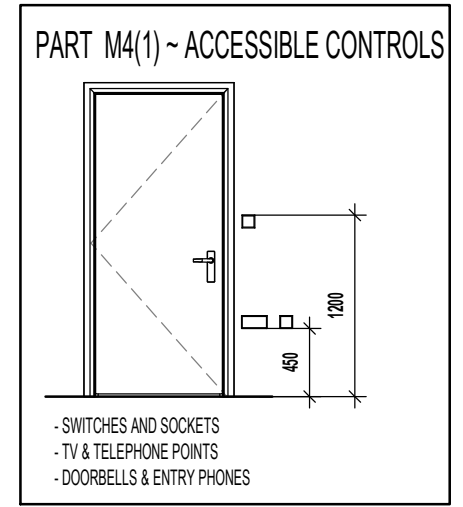
POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

P.V. PANEL INVERTER BOX TO BE LOCATED IN ROOF SPACE ADJACENT TO LOFT HATCH - (REFER TO MANUFACTURERS DETAILS)
LINEN TO BE PROVIDED WITH 1No. 13 AMP FUSED SPUR CONNECTION TO IMMERSION HEATER / PV IMMERSION DIVERTER

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.



FIRST FLOOR PLAN.



ELECTRICAL LEGEND.	
○	PENDANT CEILING MOUNTED LOW ENERGY LIGHT.
⊙	DRUM LOW ENERGY LIGHT.
⊙SD	CEILING MOUNTED SMOKE DETECTOR.
●	LIGHT SWITCH.
● 2 WAY	2 WAY LIGHT SWITCH.
● 3 WAY	3 WAY LIGHT SWITCH.
RTCS ●	RADIOFREQUENCY TEST & CONTROL SWITCH. (RADIO-LINKED TO MULTI SENSOR SMOKE & HEAT ALARM INSTALLED IN THE LOFT SPACE)
⊕	DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL).
⊖	FUSED SPUR
⊠	DMEV CEILING MOUNTED EXTRACT FAN.
⊡	DMEV WALL MOUNTED EXTRACT FAN.
⊢	RADIATOR.
⊣	SHOWER FITTING.
△	ISOLATOR SWITCH HIGH LEVEL.
▲ PVD	PV IMMERSION DIVERTER
R STAT ■	ROOM STAT.

LOCATION OF HOT WATER CYLINDER. ACCORDING TO APPROVED DOCUMENT PART G, TABLE 1; A DISCHARGE PIPE OF 22MM DIAMETER TO TUNDISH, WITH 35MM PIPE FROM TUNDISH HAS MAXIMUM DISTANCE FROM TUNDISH TO SVP OF 18M. EACH ELBOW REDUCES DISTANCE BY 1.4M.*

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH ROOF VOID TO TILE VENT. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-
ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.

G. GUARDING TO BE PROVIDED AT 1100MM FROM FFL. NOTE: GUARDING MAY BE OMITTED IF BUILD TOLERANCE TO WINDOW OPENING IS WITHIN A RANGE OF MAXIMUM 1100MM AND MINIMUM 1000MM.

Project Title
**LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
FIRST FLOOR ELECTRICAL PLAN

Revision Note:
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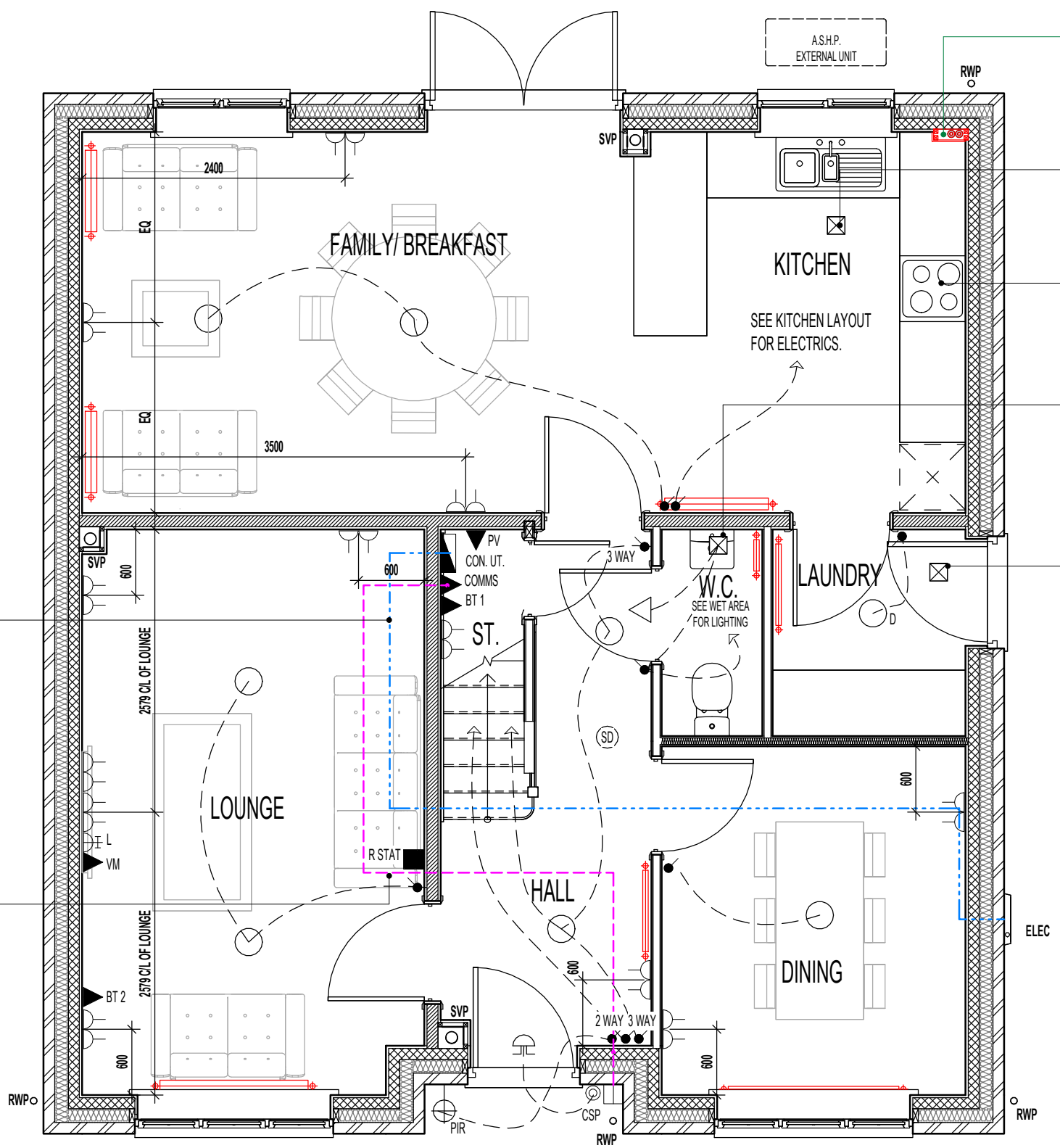
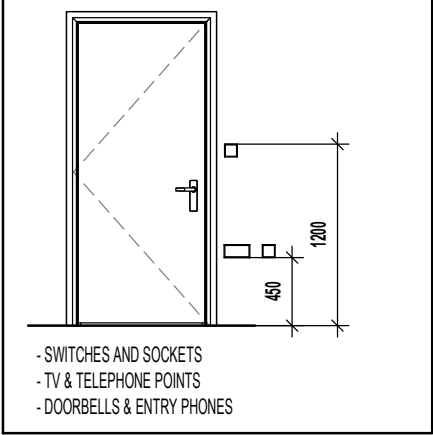
Scale	Drawn By	Date
1 : 50	G.T.	06.11.23
Drawing No.	Revision	
L472511	[Empty]	

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ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

PART M4(1) ~ ACCESSIBLE CONTROLS



DOT/DASH LINE INDICATES APPROXIMATE ROUTE OF 25MM METER TAIL CABLE TO RUN DIRECTLY TO CONSUMER UNIT FROM METER BOX. CABLE TO BE MECHANICALLY PROTECTED USING A THICKER PLATE SHEATHING AND NO LONGER THAN 15M IN LENGTH. CABLE TO TAKE SHORTEST POSSIBLE ROUTE.

PRE-CONNECTORISED CABLE TO BE INSTALLED AS PER OPENREACH DEVELOPER GUIDE AT FIRST FIX STAGE. 1M LENGTH TO BE LEFT COILED UP WITHIN EMPTY BACK BOX WITH BLANKING PLATE FITTED INTERNALLY AND 1M COILED UP SUFFICIENTLY PROTECTED EXTERNALLY, ENSURING NO DAMAGE OCCURS TO PRE CONNECTORISED CABLE AT ANY POINT PRIOR TO COMMISSIONING BY PROVIDER. ONT AND BBU TO BE FITTED AT SECOND FIX STAGE (ALL ITEMS TO BE PROVIDED BY OPENREACH)

BOXING TO BE INSTALLED TO ENCLOSE ASHP FLOW AND RETURN INSULATED PIPEWORK. SEE SEPARATE STANDARD DETAIL

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

RE-CIRCULATION COOKER HOOD EXTRACT TO BE INSTALLED OVER HOB.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

ELECTRICAL LEGEND.

P.I.R.	WALL MOUNTED LIGHT FITTING WITH P.I.R.
○	PENDANT CEILING MOUNTED LOW ENERGY LIGHT.
D ○	DRUM LOW ENERGY LIGHT.
⊙	CEILING MOUNTED SMOKE DETECTOR.
●	LIGHT SWITCH.
● 2 WAY	2 WAY LIGHT SWITCH.
● 3 WAY	3 WAY LIGHT SWITCH.
⌋	DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL).
L	LOUNGE COMMUNICATION PLATE TO CONSIST OF : - CO-AXIAL (FEMALE SCREENED) MODULE - SATELLITE (FEMALE SCREENED) MODULE - BT 3
BT 1 ▲	BT POINT (ROUTER POSITION) - DAISY CHAIN LINKED TO BT 2.
BT 2 ▲	BT POINT (TELEPHONE POSITION) - DAISY CHAIN LINKED TO BT 3.
COMMS ▲	FIBRE NETWORK INSTALLATION TERMINATION POINT - (EQUIPMENT AS SUPPLIED BY RELEVANT PROVIDER). REFER TO SEPARATE STANDARD INSTALLER'S DETAIL
CSP □	EXTERNAL CUSTOMER SPICE POINT LOCATION. (SUPPLIED BY PROVIDER)
VM ▲	VIRGIN MEDIA - PLEASE CHECK WITH SALES ADVISOR FOR AVAILABILITY.
PV ▲	P.V. INVERTER ISOLATION SWITCH & PV GENERATION METER TO SPECIALISTS DETAILS.
△	ISOLATOR SWITCH HIGH LEVEL.
⊠	DMEV CEILING MOUNTED EXTRACT FAN.
⌋	DOOR CHIME.
⊙	BELL PUSH.
R STAT ■	ROOM STAT.
CON. ▬	CONSUMER UNIT. (SWITCHES TO BE 1350MM TO 1450MM FROM FFL).
⌋	RADIATOR.

Revision Note:

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP GROUND FLOOR ELECTRICAL PLAN

Scale **1 : 50** Drawn By **G.T.** Date **14.03.25**

Drawing No. **L472514** Revision



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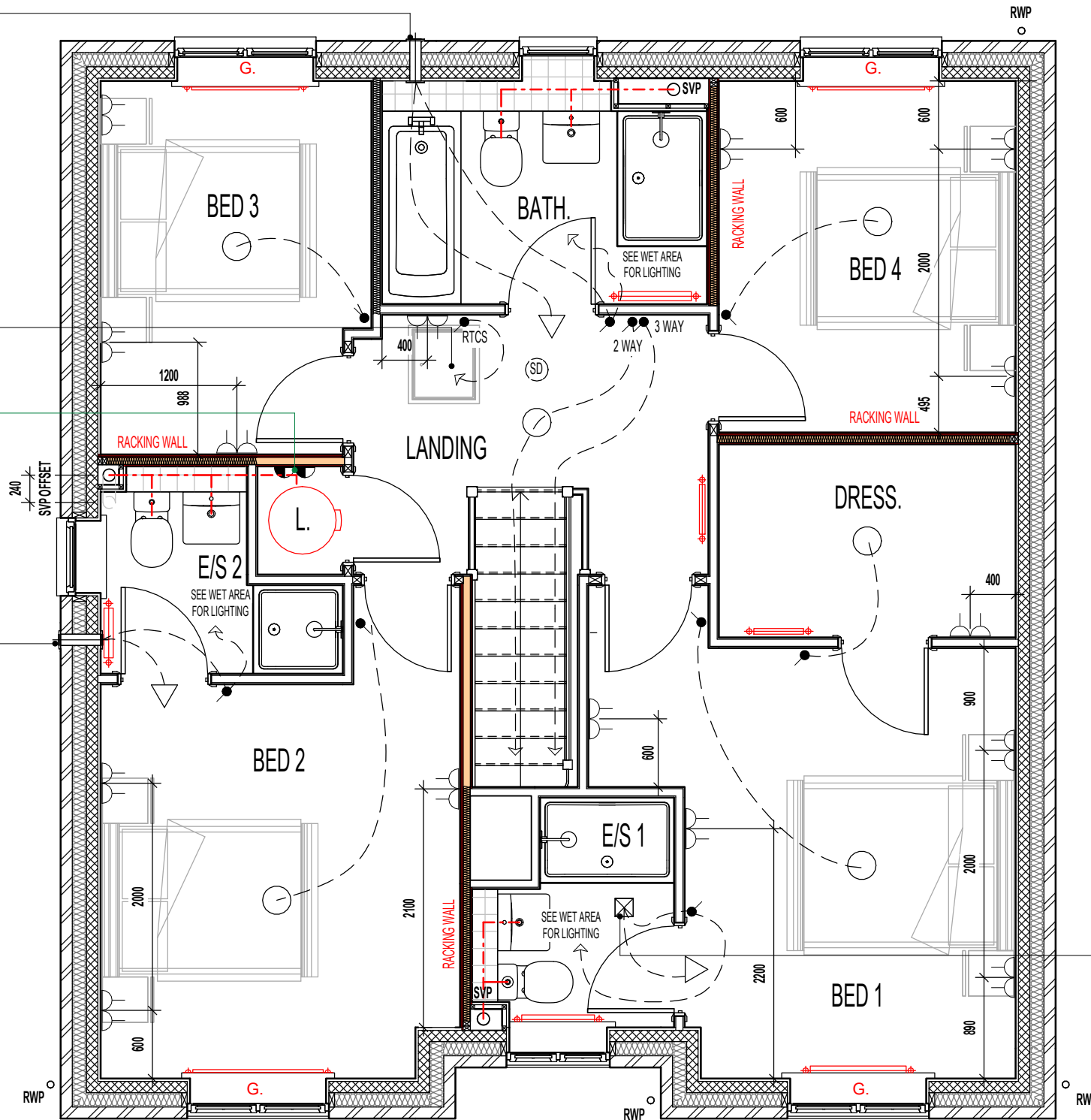
ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

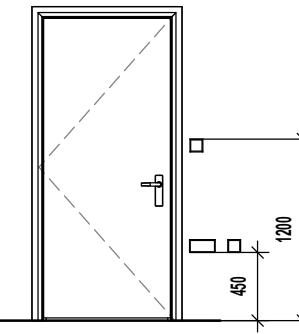
P.V. PANEL INVERTER BOX TO BE LOCATED IN ROOF SPACE ADJACENT TO LOFT HATCH - (REFER TO MANUFACTURERS DETAILS)

1NO. 3 AMP FUSED SPUR FOR CONTROL CIRCUIT & 1NO. 13 AMP FUSED SPUR FOR CYLINDER.

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.



PART M4(1) ~ ACCESSIBLE CONTROLS



- SWITCHES AND SOCKETS
- TV & TELEPHONE POINTS
- DOORBELLS & ENTRY PHONES

ELECTRICAL LEGEND.

	PENDANT CEILING MOUNTED LOW ENERGY LIGHT.
	DRUM LOW ENERGY LIGHT.
	CEILING MOUNTED SMOKE DETECTOR.
	LIGHT SWITCH.
	2 WAY LIGHT SWITCH.
	3 WAY LIGHT SWITCH.
	RADIOFREQUENCY TEST & CONTROL SWITCH. (RADIO-LINKED TO MULTI SENSOR SMOKE & HEAT ALARM INSTALLED IN THE LOFT SPACE)
	DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL).
	FUSED SPUR
	DMEV CEILING MOUNTED EXTRACT FAN.
	DMEV WALL MOUNTED EXTRACT FAN.
	RADIATOR.
	SHOWER FITTING.
	ISOLATOR SWITCH HIGH LEVEL.
	PV IMMERSION DIVERTER

ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-

ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.

G. GUARDING TO BE PROVIDED AT 1100MM FROM FFL. NOTE: GUARDING MAY BE OMITTED IF BUILD TOLERANCE TO WINDOW OPENING IS WITHIN A RANGE OF MAXIMUM 1100MM AND MINIMUM 1000MM.

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH ROOF VOID TO TILE VENT. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

FIRST FLOOR PLAN.

Project Title
LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

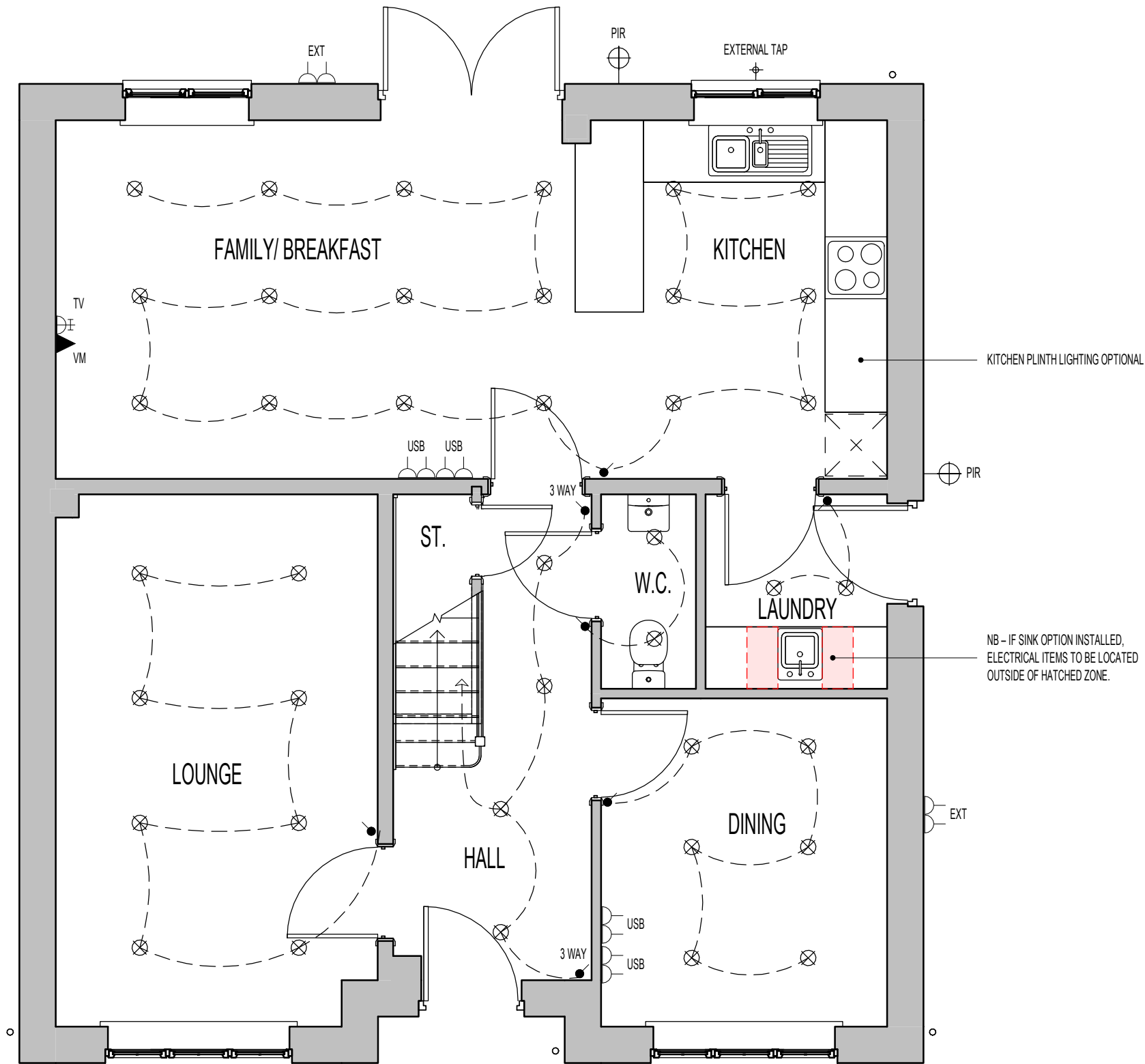
Drawing Title
ASHP FIRST FLOOR ELECTRICAL PLAN

Revision Note:

Scale: 1 : 50
Drawn By: G.T.
Date: 14.03.25

Drawing No.: L472515
Revision:

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ELECTRICAL LEGEND.

	LED DOWNLIGHTER.
	DOUBLE SWITCHED SOCKET OUTLET WITH USB CHARGING POINT (LOW LEVEL).
	TV AERIAL SOCKET.
	VIRGIN MEDIA PLEASE CHECK WITH SALES ADVISOR FOR AVAILABILITY.
	EXTERNAL LIGHT (WITH P.I.R. & OVERRIDE SWITCH)
	EXTERNAL DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL).
	EXTERNAL TAP.

HATCH INDICATES ZONES WHERE NO ELECTRICAL FITTINGS SHOULD BE INSTALLED ABOVE THE WORKTOP.

DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.
- THE DISTANCE BETWEEN 2 RANDOM DOWNLIGHTS SHALL BE AT LEAST 600MM, CENTRE-TO-CENTRE.
- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.

OPTIONAL - TILING LEGEND.

NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT. SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.
 HALF AND FULL HEIGHT TILING OPTIONS AVAILABLE TO W.C. BATHROOM AND ENSUITES.

GROUND FLOOR PLAN

Revision Note:

Scale Drawn By Date

1 : 50 G.T. 06.11.23

Drawing No. Revision

L472512

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
GROUND FLOOR CUSTOMER OPTIONS

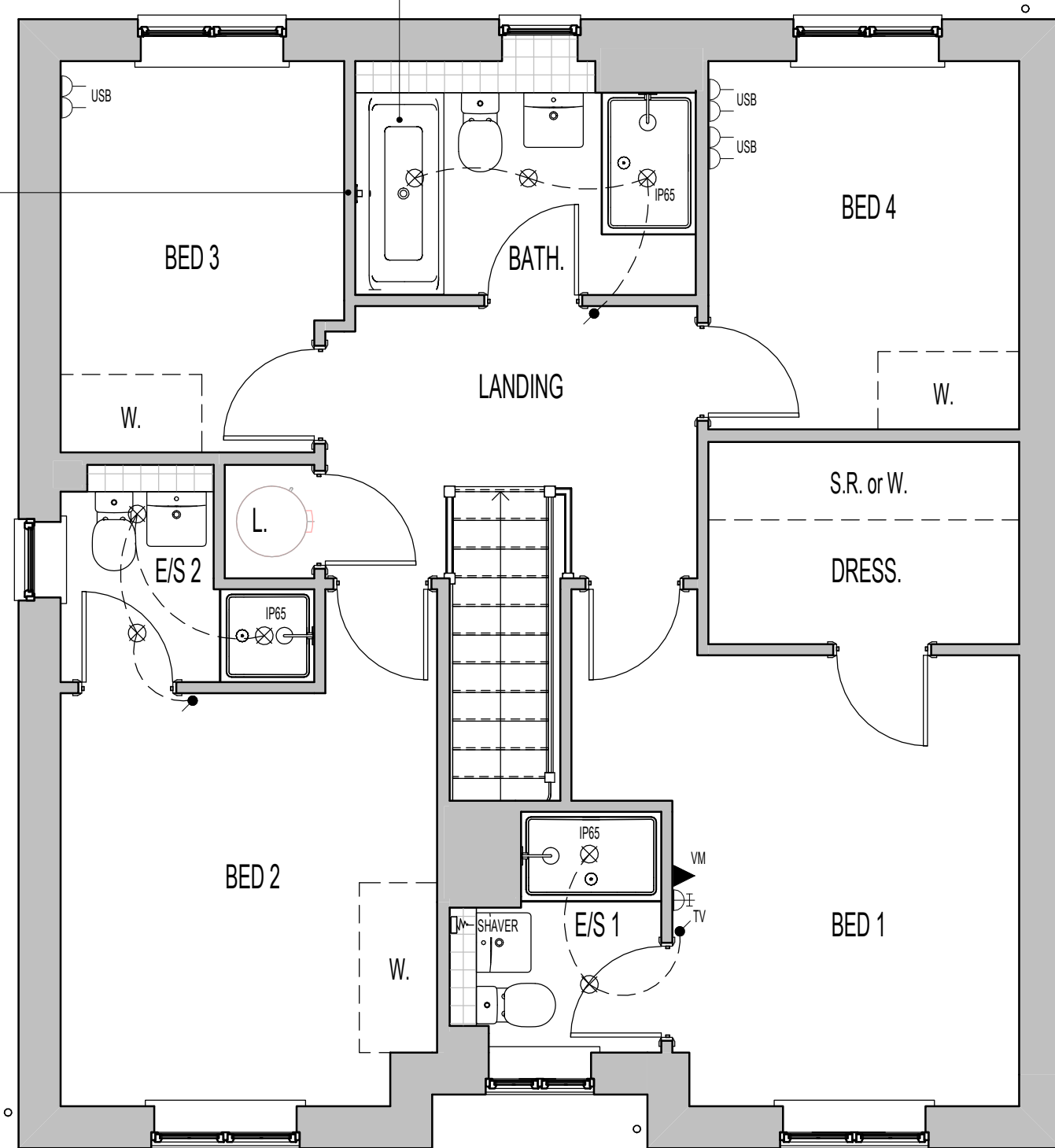
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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

DOUBLE ENDED BATH CUSTOMER OPTION.

CONCEALED THERMOSTATIC VALVE WITH WALL MOUNTED CONTROL UNIT FOR BATH FILLER WASTE AND OVERFLOW. (WHERE DOUBLE ENDED BATH INSTALLED)



FIRST FLOOR PLAN

ELECTRICAL LEGEND.

	DOUBLE-POLE ISOLATING SWITCH, RATING TO SUIT APPLIANCE INSTALLED. WALL MOUNTED IN ACCORDANCE WITH IEE REGULATIONS.
	LED DOWNLIGHTER (IP65 RATED WHERE INDICATED)
	SHOWER FITTING.
	DOUBLE SWITCHED SOCKET OUTLET WITH USB CHARGING POINT (LOW LEVEL).
	TV AERIAL SOCKET.
	VIRGIN MEDIA PLEASE CHECK WITH SALES ADVISOR FOR AVAILABILITY.
	SHAVER SOCKET.

PLAN LEGEND.

- W.** OPTIONAL WARDROBE.
- CHECK WITH SALES ADVISOR FOR STYLE AND AVAILABILITY.
- S.R.** SHELF & RAIL ARRANGEMENT.
- CHECK WITH SALES ADVISOR FOR STYLE AND AVAILABILITY.

DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.
- THE DISTANCE BETWEEN 2 RANDOM DOWNLIGHTS SHALL BE AT LEAST 600MM, CENTRE-TO-CENTRE.
- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.

OPTIONAL - TILING LEGEND.

NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT. SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.

HALF AND FULL HEIGHT TILING OPTIONS AVAILABLE TO W.C. BATHROOM AND ENSUITES.

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

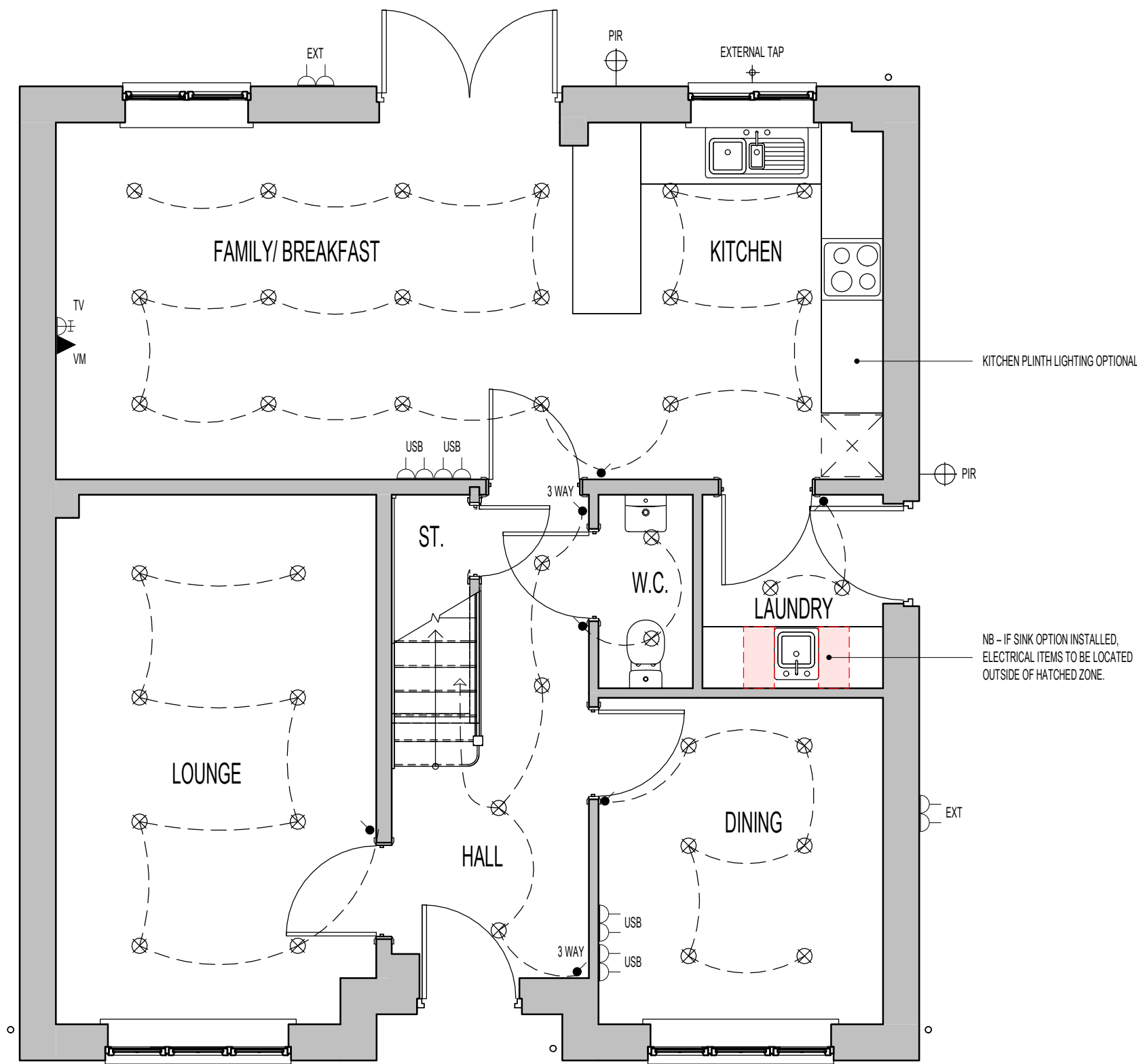
Drawing Title
FIRST FLOOR CUSTOMER OPTIONS

Revision Note:

Scale: **1 : 50** Drawn By: **G.T.** Date: **06.11.23**

Drawing No.: **L472513** Revision:

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GROUND FLOOR PLAN

ELECTRICAL LEGEND.	
	LED DOWNLIGHTER.
	DOUBLE SWITCHED SOCKET OUTLET WITH USB CHARGING POINT (LOW LEVEL).
	TV AERIAL SOCKET.
	VIRGIN MEDIA PLEASE CHECK WITH SALES ADVISOR FOR AVAILABILITY.
	EXTERNAL LIGHT (WITH P.I.R. & OVERRIDE SWITCH)
	EXTERNAL DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL).
	EXTERNAL TAP.

HATCH INDICATES ZONES WHERE NO ELECTRICAL FITTINGS SHOULD BE INSTALLED ABOVE THE WORKTOP.

DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.
- THE DISTANCE BETWEEN 2 RANDOM DOWNLIGHTS SHALL BE AT LEAST 600MM, CENTRE-TO-CENTRE.
- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.

OPTIONAL - TILING LEGEND.
NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT. SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.
HALF AND FULL HEIGHT TILING OPTIONS AVAILABLE TO W.C. BATHROOM AND ENSUITES.

Revision Note:

Scale	Drawn By	Date
1 : 50	G.T.	14.03.25
Drawing No.	Revision	
L472516		

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
**ASHP GROUND FLOOR CUSTOMER OPTIONS
 PLAN**

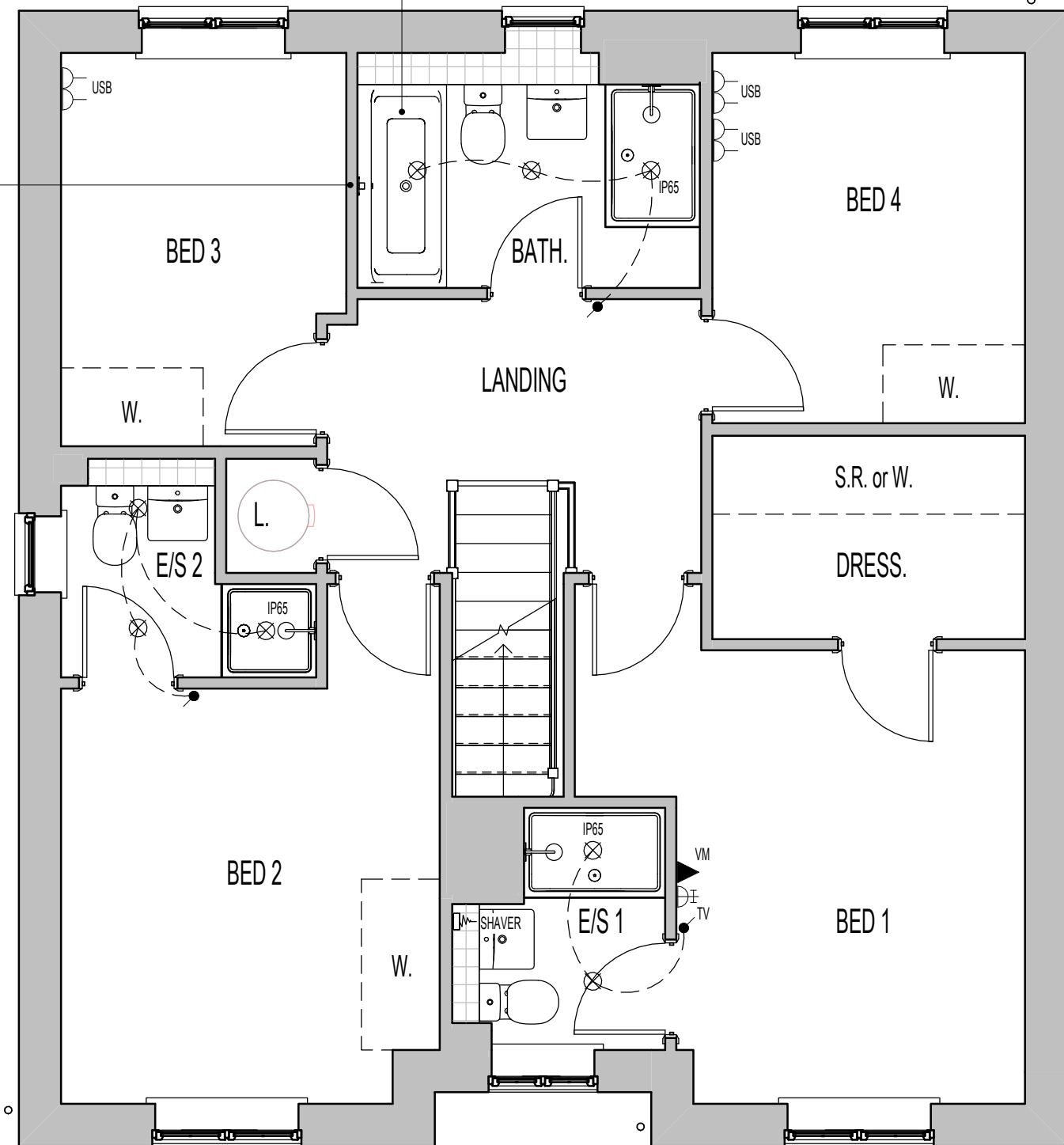
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ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

DOUBLE ENDED BATH CUSTOMER OPTION.

CONCEALED THERMOSTATIC VALVE WITH WALL MOUNTED CONTROL UNIT FOR BATH FILLER WASTE AND OVERFLOW. (WHERE DOUBLE ENDED BATH INSTALLED)



FIRST FLOOR PLAN

ELECTRICAL LEGEND.

	DOUBLE-POLE ISOLATING SWITCH, RATING TO SUIT APPLIANCE INSTALLED. WALL MOUNTED IN ACCORDANCE WITH IEE REGULATIONS.
	LED DOWNLIGHTER (IP65 RATED WHERE INDICATED)
	SHOWER FITTING.
	DOUBLE SWITCHED SOCKET OUTLET WITH USB CHARGING POINT (LOW LEVEL).
	TV AERIAL SOCKET.
	VIRGIN MEDIA PLEASE CHECK WITH SALES ADVISOR FOR AVAILABILITY.
	SHAVER SOCKET.

PLAN LEGEND.

- W. OPTIONAL WARDROBE.
- CHECK WITH SALES ADVISOR FOR STYLE AND AVAILABILITY.
- S.R. SHELF & RAIL ARRANGEMENT.
- CHECK WITH SALES ADVISOR FOR STYLE AND AVAILABILITY.

DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.
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- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.

OPTIONAL - TILING LEGEND.

- NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT. SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.
- HALF AND FULL HEIGHT TILING OPTIONS AVAILABLE TO W.C. BATHROOM AND ENSUITES.

Revision Note:

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Scale	Drawn By	Date
1 : 50	G.T.	14.03.25

Drawing No.	Revision
L472517	

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP FIRST FLOOR CUSTOMER OPTIONS PLAN

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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

TILING LEGEND.

NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT.
SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.



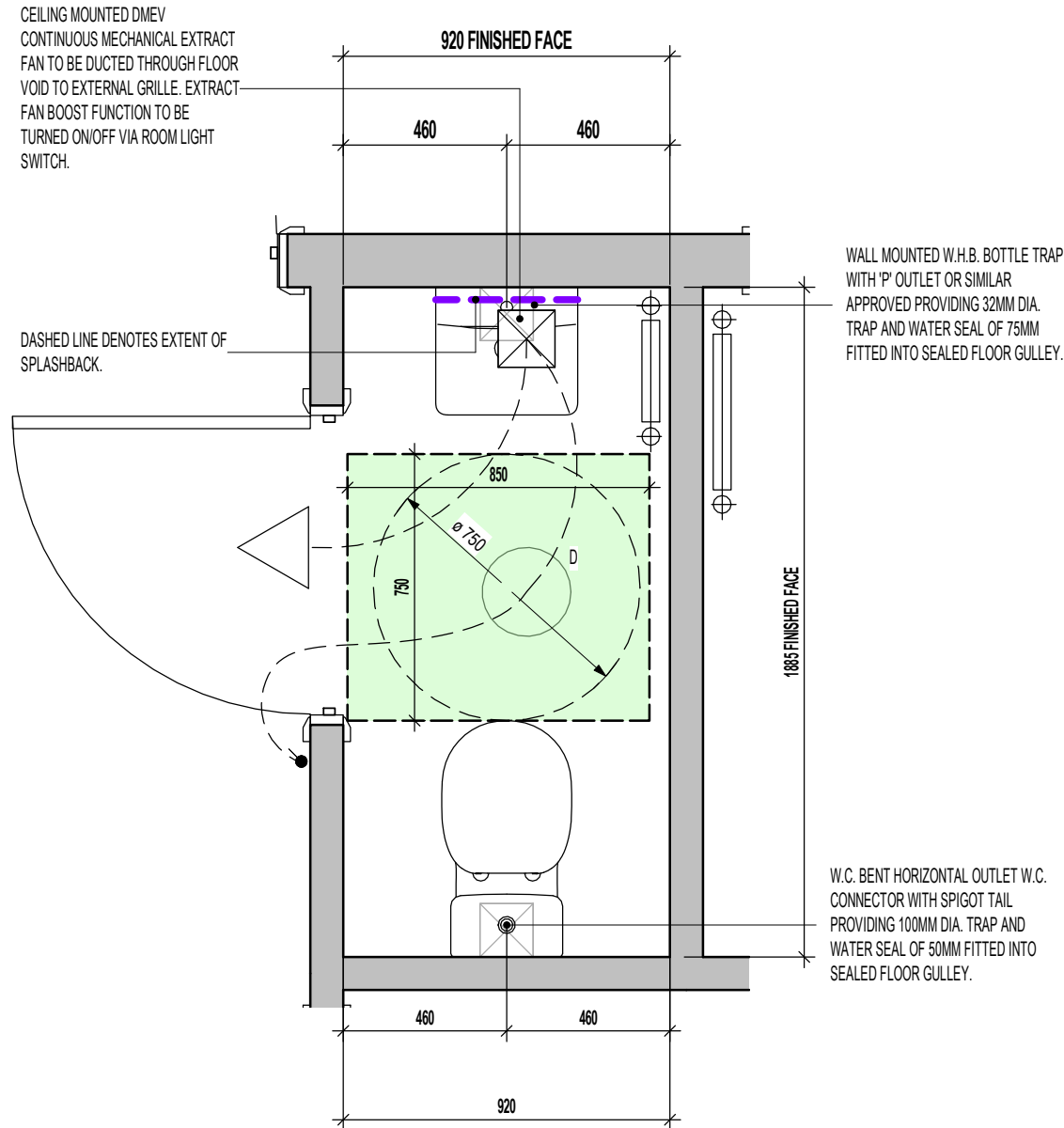
DENOTES EXTENT OF 1 ROW TILED SPLASHBACK

ELECTRICAL LEGEND.

D	○	DRUM LOW ENERGY LIGHT.
●	○	LIGHT SWITCH.
⊠	⊠	DMEV CEILING MOUNTED EXTRACT FAN.
⌞	⌞	RADIATOR.
△	△	ISOLATOR SWITCH HIGH LEVEL.

SANITARYWARE SCHEDULE - W.C.

LOCATION	ITEM	SIZE
W.C.	WC PAN & CISTERN	360mm x 660mm
W.C.	400 FULL PEDESTAL WHB	400mm x 360mm



WC LAYOUT
SCALE : 1:20

FOR ALTERNATIVE LED DOWNLIGHTER LOCATIONS, REFER TO CUSTOMER OPTIONS LAYOUT

Project Title
LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title
WC LAYOUT

Revision Note:

Scale As indicated Drawn By G.T. Date 06.11.23

Drawing No. L472601 Revision

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CUSTOMER OPTIONS.

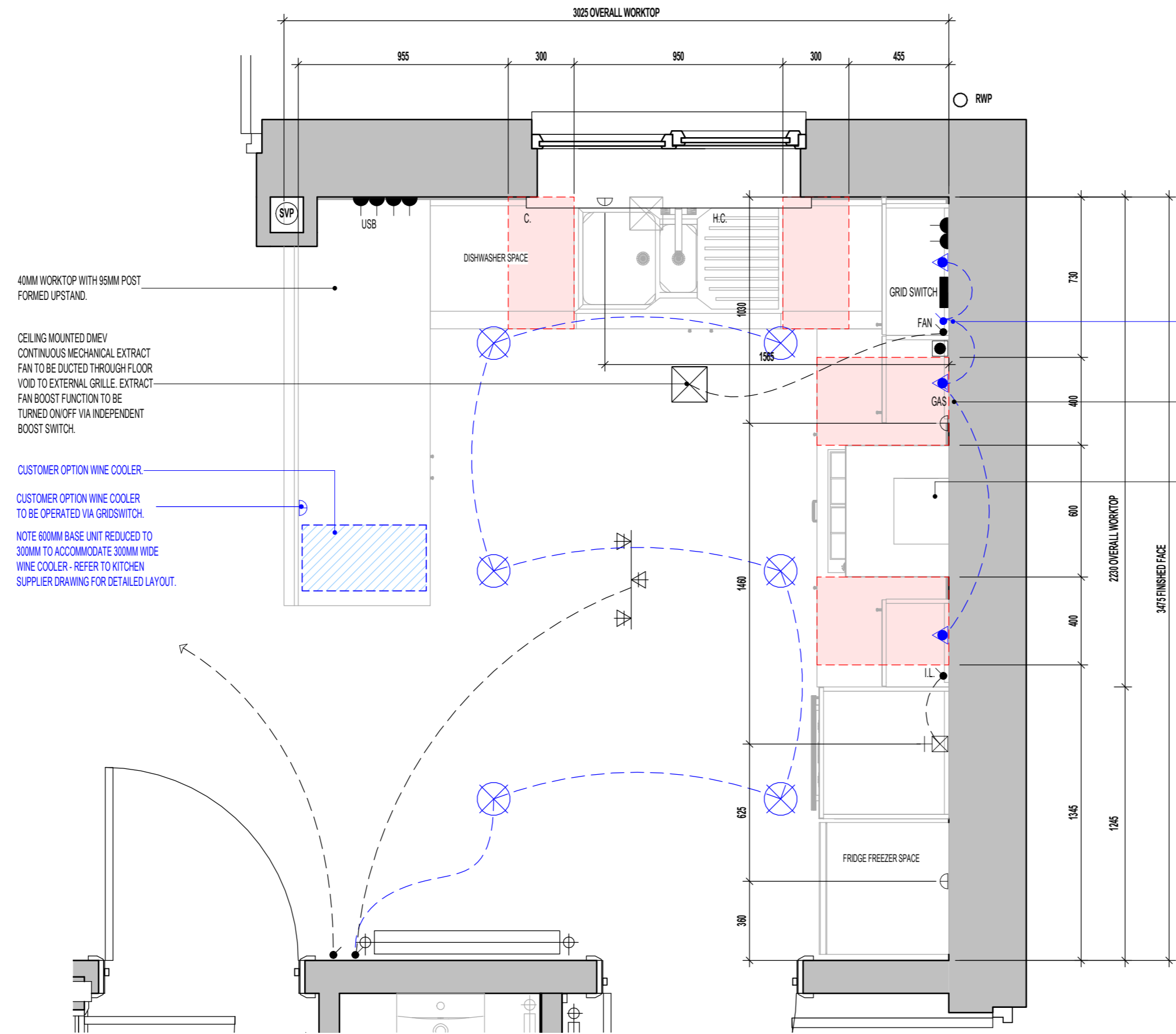
ITEMS HIGHLIGHTED IN BLUE DENOTE CUSTOMER OPTIONS.

- WHERE APPLIANCE SPACES SHOWN, INTEGRATED APPLIANCES AVAILABLE
- 22MM WORKTOP AVAILABLE
- WINE COOLER AVAILABLE - LOCATION INDICATED
- DOWNLIGHTER SPOTLIGHTS AVAILABLE - LOCATIONS AND QUANTITY INDICATED
- LED UNDER UNIT LIGHT FITTING AND SWITCH.
- PLINTH LIGHTS AND SWITCH.
- INDUCTION HOB AVAILABLE.
- DOUBLE OVEN AVAILABLE.
- PRODUCT VARIATIONS AVAILABLE, DISCUSS OPTIONS WITH SALES MANAGER.

DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.
- THE DISTANCE BETWEEN 2 RANDOM DOWNLIGHTS SHALL BE AT LEAST 600MM, CENTRE-TO-CENTRE.
- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.

REFER TO SUPPLIERS INFORMATION FOR CABINERY. CHECK WITH REGIONAL OFFICE FOR SPECIFICATION LEVEL.



SOCKET-OUTLETS SUPPLYING APPLIANCES SHOULD BE POSITIONED SO THAT ANY WATER THAT MAY DRIP FROM PLUMBING OR THE EQUIPMENT IS UNLIKELY TO AFFECT THE SOCKET OUTLET. INSTALLERS MUST TAKE ACCOUNT OF MANUFACTURER'S INSTRUCTIONS.

LIGHT SWITCH FOR UNDER WALL UNIT LIGHTING AT REGIONAL DISCRETION ONLY.

GAS ISOLATOR VALVE ACCESS PANEL AND LABEL TO BE INSTALLED BY KITCHEN FITTER.

RE-CIRCULATION COOKER HOOD EXTRACT TO BE INSTALLED OVER HOB.

FOR COOKER WIRING ARRANGEMENT REFER TO SEPERATE DETAIL TO SUIT CHOSEN SPECIFICATION. (SV-GD-EN-002 OR SV-GD-EN-003)

ELECTRICAL ACCESSORIES SHOULD BE INSTALLED NOT LESS THAN 300MM FROM THE EDGE OF KITCHEN SINKS AND DRAINING BOARDS.

GRIDSWITCH TO SERVE:
 - DISHWASHER SPACE
 - FRIDGE FREEZER SPACE
 - HOB
 - EXTRACT FAN
 - WINE COOLER

ELECTRICAL LEGEND.	
	3 SPOT TRACK LIGHT.
	LED DOWNLIGHTERS (CUSTOMER OPTION)
	DMEV FAN INDEPENDENT BOOSTER SWITCH.
	PRE-PRINTED ROCKERS TO GRIDSWITCH BANK.
	LIGHT SWITCH.
	DMEV CEILING MOUNTED EXTRACT FAN.
	SWITCH WITH NEON INDICATOR LIGHT.
	13AMP DOUBLE SWITCHED SOCKET. (1200MM ABOVE FLOOR TO TOP OF SOCKET)
	13AMP DOUBLE SWITCHED SOCKET WITH USB CHARGE POINT. (1200MM ABOVE FLOOR TO TOP OF SOCKET)
	13AMP UNSWITCHED SINGLE SOCKET FOR APPLIANCES - 450MM ABOVE FLOOR TO US SOCKET
	COOKER HOOD POWER. (1200MM ABOVE FLOOR TO TOP OF SOCKET)
	GAS FEED FOR HOB.
	45AMP COOKER CONTROL FEED. - 450MM ABOVE FLOOR TO US SOCKET
	H. C. HOT AND COLD WATER FEEDS.
	UNDERWALL UNIT LED LIGHT FITTING (CUSTOMER OPTION).
	13AMP UNSWITCHED SINGLE SOCKET (CUSTOMER OPTION WINE COOLER - 450MM ABOVE FLOOR TO US SOCKET)
	RADIATOR.

HATCH INDICATES ZONES WHERE NO ELECTRICAL FITTINGS SHOULD BE INSTALLED ABOVE THE WORKTOP.

KITCHEN LAYOUT

Revision Note:

Scale	Drawn By	Date
1 : 20	G.T.	06.11.23
Drawing No.	Revision	
L472602		

Project Title	Drawing Title
LONDON ROAD, WOOLMER GREEN L472 - 4B / 8P / 1500 - CROSSWOOD 2024 NATIONAL PORTFOLIO	KITCHEN LAYOUT

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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING. ORIGINAL SHEET SIZE A2 - DO NOT SCALE FROM THIS DRAWING

CUSTOMER OPTIONS.

ITEMS HIGHLIGHTED IN BLUE DENOTE CUSTOMER OPTIONS.

- WHERE APPLIANCE SPACES SHOWN, INTEGRATED APPLIANCES AVAILABLE
- 20MM WORKTOP AVAILABLE
- DOWNLIGHTER SPOTLIGHTS AVAILABLE - LOCATIONS AND QUANTITY INDICATED
- PRODUCT VARIATIONS AVAILABLE, DISCUSS OPTIONS WITH SALES MANAGER.

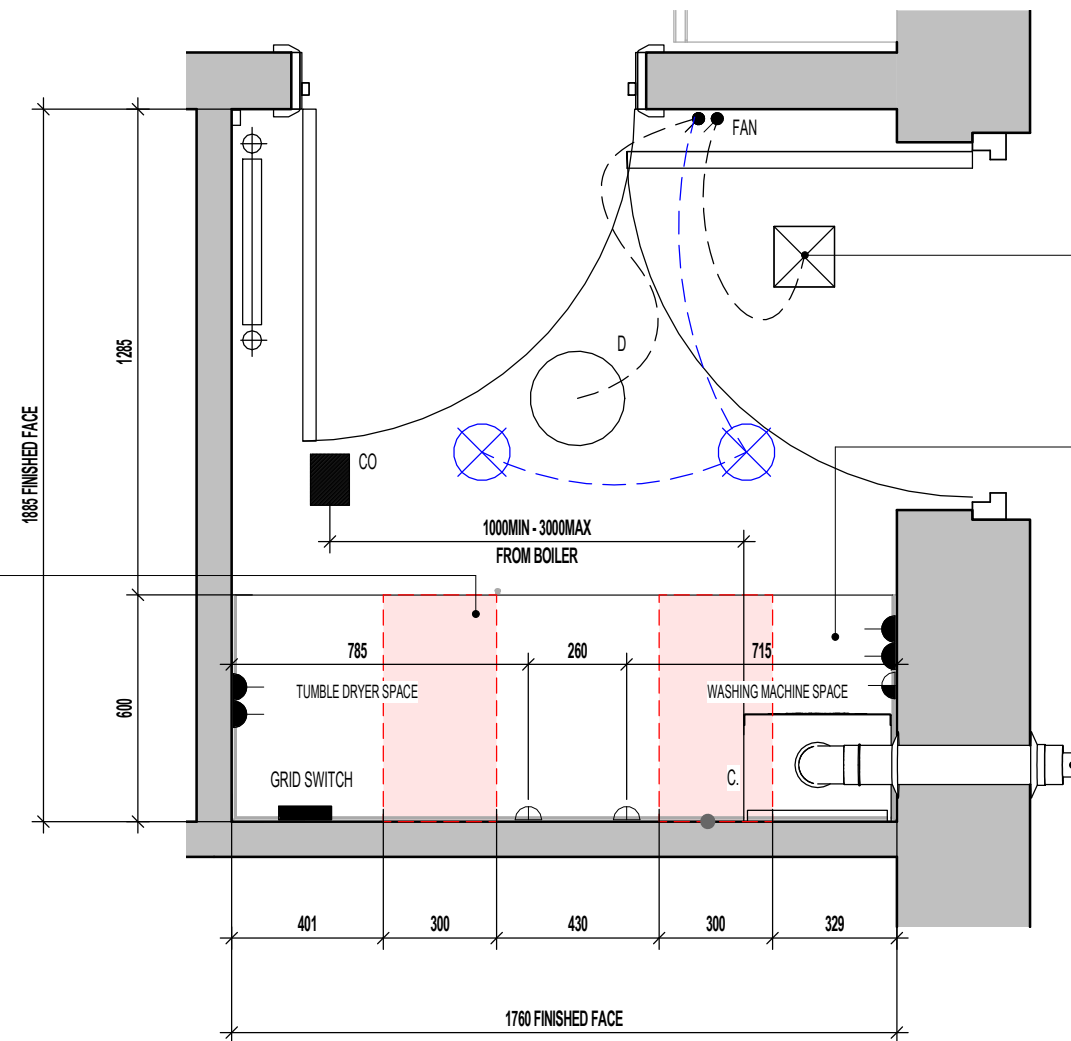
DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.
- THE DISTANCE BETWEEN 2 RANDOM DOWNLIGHTS SHALL BE AT LEAST 600MM, CENTRE-TO-CENTRE.
- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.

SOCKET-OUTLETS SUPPLYING APPLIANCES SHOULD BE POSITIONED SO THAT ANY WATER THAT MAY DRIP FROM PLUMBING OR THE EQUIPMENT IS UNLIKELY TO AFFECT THE SOCKET OUTLET. INSTALLERS MUST TAKE ACCOUNT OF MANUFACTURER'S INSTRUCTIONS.

NB - IF SINK OPTION INSTALLED, ELECTRICAL ITEMS TO BE LOCATED OUTSIDE OF HATCHED ZONE.

GRIDSWITCH TO SERVE:
 - WASHING MACHINE SPACE
 - TUMBLE DRYER SPACE
 - EXTRACT FAN



CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

40MM WORKTOP WITH 95MM POST FORMED UPSTAND.

BALANCED FLUE BOILER EXTRACT TAKEN THROUGH TO EXTERNAL GRILLE ENSURE 300MM MIN. CLEAR DISTANCE FROM ANY OPENING AND BOUNDARY LINE, 150MM MIN. FROM A RWP. REFER TO STANDARD BOILER DETAIL DRAWING NO. SV-GD-EN-004 & 005.

ELECTRICAL LEGEND.

	DRUM LOW ENERGY LIGHT
	LED DOWNLIGHTER - CUSTOMER OPTION
	DMEV FAN INDEPENDENT BOOSTER SWITCH.
	LIGHT SWITCH.
	13AMP UNSWITCHED SINGLE SOCKET FOR APPLIANCES - 450MM ABOVE FLOOR TO UIS SOCKET
	13AMP DOUBLE SWITCHED SOCKET. (1200MM ABOVE FLOOR TO TOP OF SOCKET)
	PRE-PRINTED ROCKERS TO GRIDSWITCH BANK.
	COLD WATER FEED.
	DMEV CEILING MOUNTED EXTRACT FAN.
	BOILER FUSED SPUR.
	CEILING MOUNTED CARBON MONOXIDE DETECTOR.
	RADIATOR.

HATCH INDICATES ZONES WHERE NO ELECTRICAL FITTINGS SHOULD BE INSTALLED ABOVE THE WORKTOP.

LAUNDRY LAYOUT

Revision Note:

Scale: 1 : 20 Drawn By: G.T. Date: 06.11.23

Drawing No. L472603 Revision:

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
LAUNDRY LAYOUT

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 www.millerhomes.co.uk

CUSTOMER OPTIONS.

ITEMS HIGHLIGHTED IN BLUE DENOTE CUSTOMER OPTIONS.

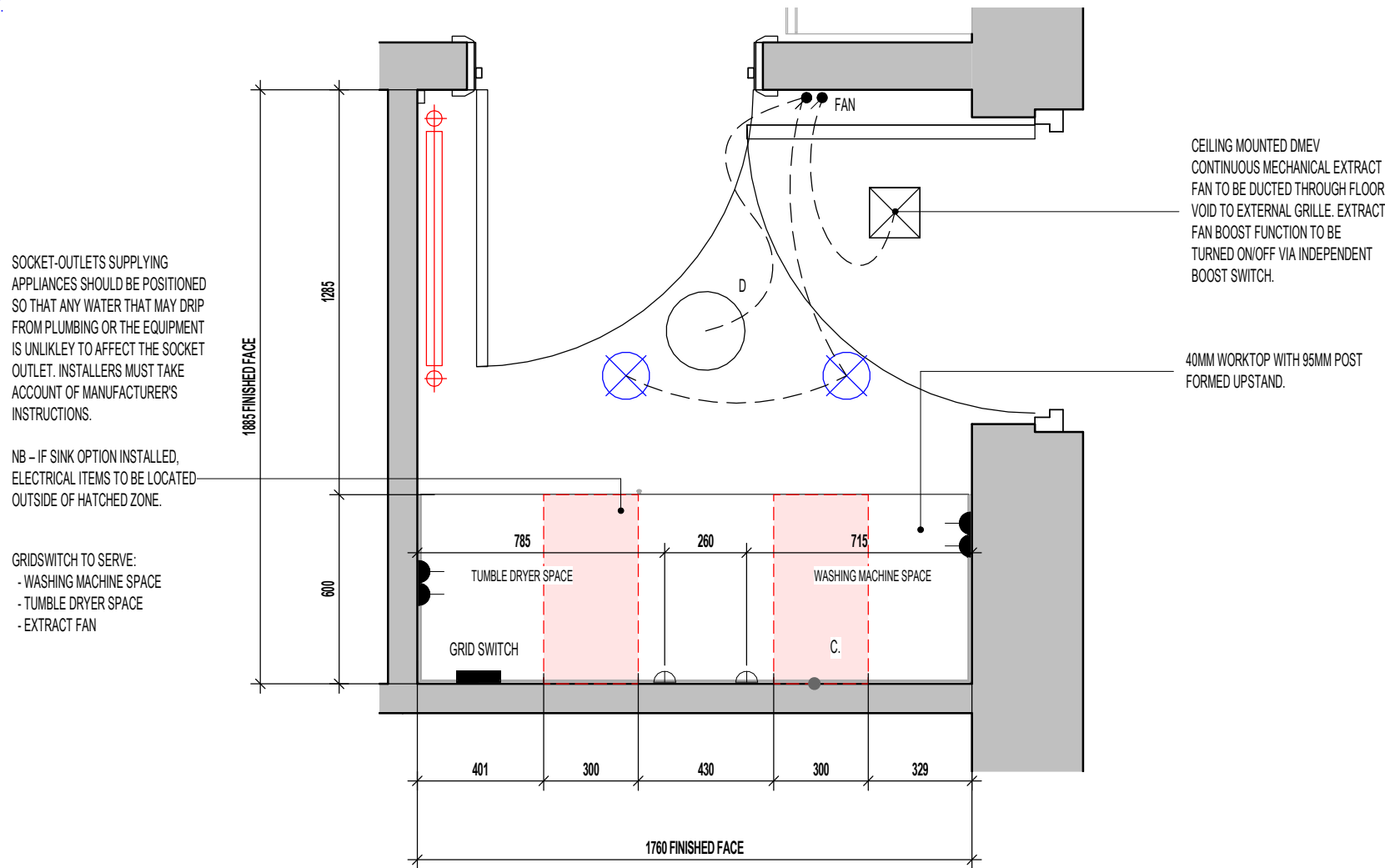
- WHERE APPLIANCE SPACES SHOWN, INTEGRATED APPLIANCES AVAILABLE
- 20MM WORKTOP AVAILABLE
- DOWNLIGHTER SPOTLIGHTS AVAILABLE - LOCATIONS AND QUANTITY INDICATED
- PRODUCT VARIATIONS AVAILABLE, DISCUSS OPTIONS WITH SALES MANAGER.

DOWNLIGHTER NOTES.

- THE NUMBER OF DOWNLIGHTS INCORPORATED IN THE GYPSUM BOARD CEILING IS LIMITED TO A MAXIMUM OF 2 DOWNLIGHTS PER SQUARE METRE.

- THE DISTANCE BETWEEN 2 RANDOM DOWNLIGHTS SHALL BE AT LEAST 600MM, CENTRE-TO-CENTRE.

- THE DISTANCE BETWEEN A DOWNLIGHT AND A JOINT OF THE GYPSUM BOARDS SHALL BE AT LEAST 100MM MEASURED FROM THE CENTRE OF THE DOWNLIGHT.



SOCKET-OUTLETS SUPPLYING APPLIANCES SHOULD BE POSITIONED SO THAT ANY WATER THAT MAY DRIP FROM PLUMBING OR THE EQUIPMENT IS UNLIKELY TO AFFECT THE SOCKET OUTLET. INSTALLERS MUST TAKE ACCOUNT OF MANUFACTURER'S INSTRUCTIONS.

NB - IF SINK OPTION INSTALLED, ELECTRICAL ITEMS TO BE LOCATED OUTSIDE OF HATCHED ZONE.

GRIDSWITCH TO SERVE:
 - WASHING MACHINE SPACE
 - TUMBLE DRYER SPACE
 - EXTRACT FAN

CEILING MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN TO BE DUCTED THROUGH FLOOR VOID TO EXTERNAL GRILLE. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA INDEPENDENT BOOST SWITCH.

40MM WORKTOP WITH 95MM POST FORMED UPSTAND.

ELECTRICAL LEGEND.

	DRUM LOW ENERGY LIGHT
	LED DOWNLIGHTER - CUSTOMER OPTION
	DMEV FAN INDEPENDENT BOOSTER SWITCH.
	LIGHT SWITCH.
	13AMP UNSWITCHED SINGLE SOCKET FOR APPLIANCES - 450MM ABOVE FLOOR TO U/S SOCKET
	13AMP DOUBLE SWITCHED SOCKET. (1200MM ABOVE FLOOR TO TOP OF SOCKET)
	PRE-PRINTED ROCKERS TO GRIDSWITCH BANK.
	COLD WATER FEED.
	DMEV CEILING MOUNTED EXTRACT FAN.
	RADIATOR.

HATCH INDICATES ZONES WHERE NO ELECTRICAL FITTINGS SHOULD BE INSTALLED ABOVE THE WORKTOP.

LAUNDRY LAYOUT

Revision Note:

Scale	Drawn By	Date
1 : 20	G.T.	14.03.25

Drawing No.	Revision
L472612	




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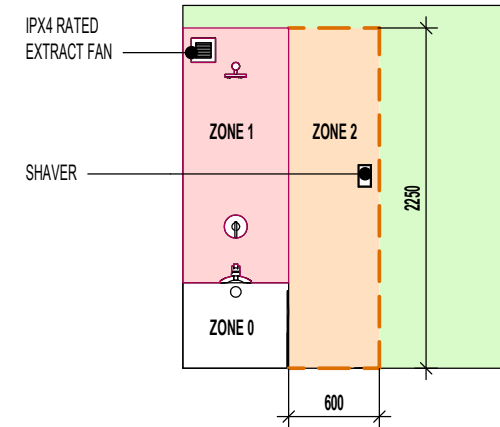
Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP LAUNDRY LAYOUT








TILING LEGEND.

NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT.
SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.

	DENOTES EXTENT OF FULL HEIGHT TILING.
	DENOTES EXTENT OF 400MM HEIGHT OVER BATH TILING.
	DENOTES EXTENT OF 1 ROW TILED SPLASHBACK



ELECTRICAL LEGEND.

	DRUM LOW ENERGY LIGHT.
	LIGHT SWITCH.
	DMEV CEILING MOUNTED EXTRACT FAN.
	DMEV WALL MOUNTED EXTRACT FAN.
	RADIATOR.
	SHOWER FITTING.
	ISOLATOR SWITCH HIGH LEVEL.

ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-

ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.

SANITARYWARE SCHEDULE - BATHROOM

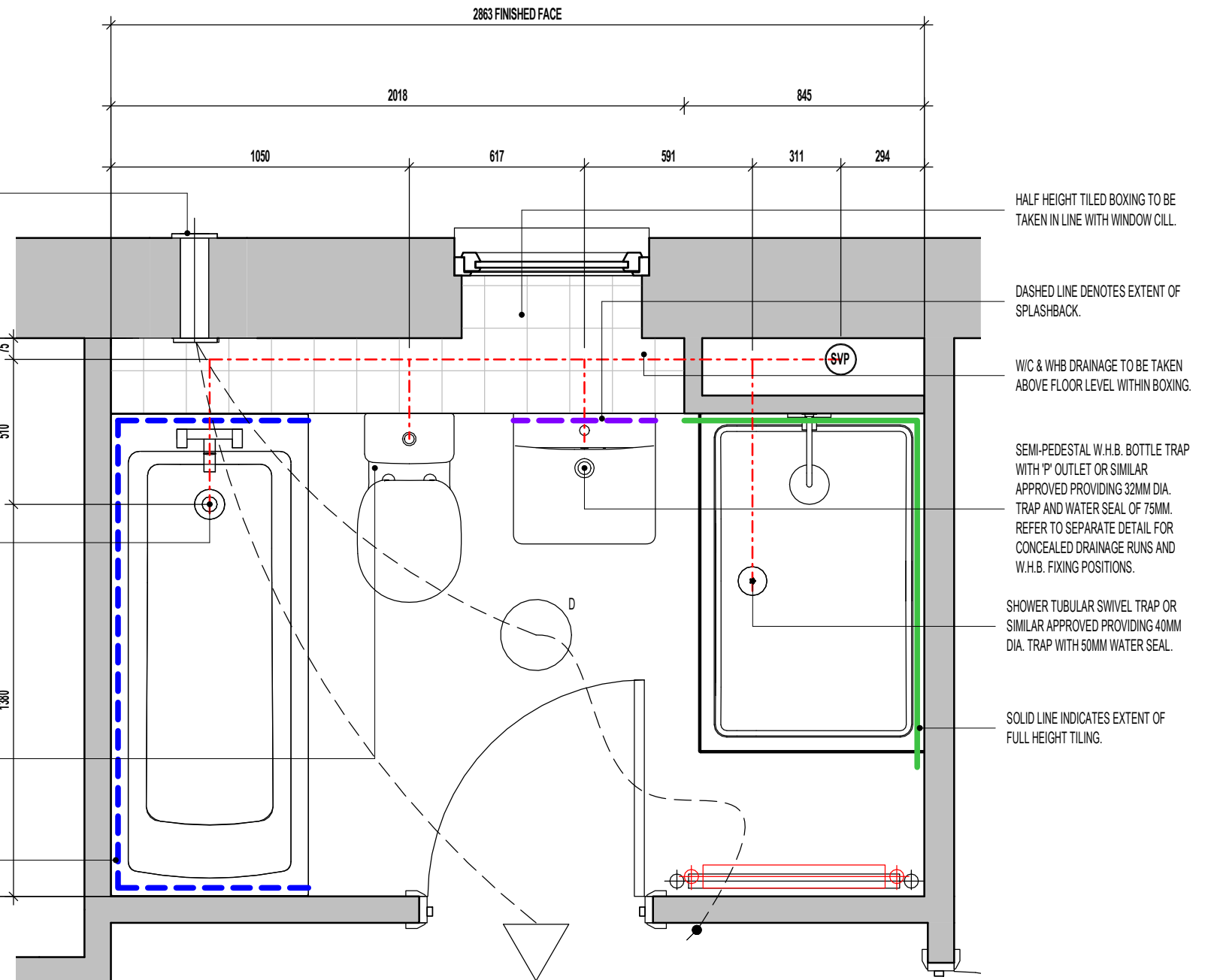
LOCATION	ITEM	SIZE
BATH.	500 SEMI PEDESTAL WHB	500mm x 460mm
BATH.	IS SIMPLICITY SHOWER TRAY - L5119	1210mm x 810mm
BATH.	SINGLE ENDED BATH	1700mm x 700mm
BATH.	WC PAN & CISTERN	360mm x 660mm

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.

LOW LEVEL BATH TRAP PROVIDING 40MM DIA. TRAP WITH 50MM WATER SEAL WITH FLEXIBLE OVERFLOW TUBE CONNECTING TO BATH WASTE OVERFLOW OUTLET.

W.C. BENT HORIZONTAL OUTLET W.C. CONNECTOR PROVIDING 100MM DIA. TRAP AND WATER SEAL OF 50MM OR SIMILAR APPROVED CONNECTED TO ADJACENT SVP.

DASHED LINE INDICATES EXTENT OF 400MM HIGH TILING AROUND BATH



BATHROOM LAYOUT SCALE : 1:20

Revision Note:

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Scale	Drawn By	Date
As indicated	G.T.	06.11.23

Drawing No.	Revision
L472604	



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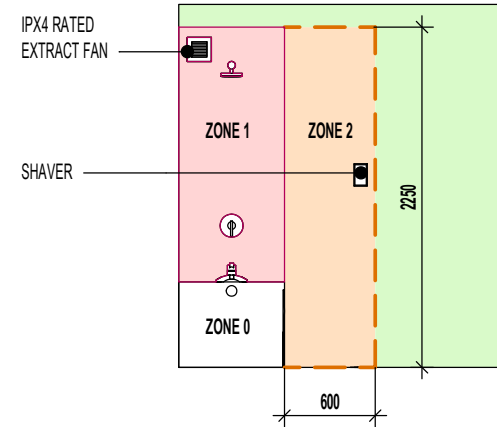
Project Title
**LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
BATHROOM LAYOUT

TILING LEGEND.

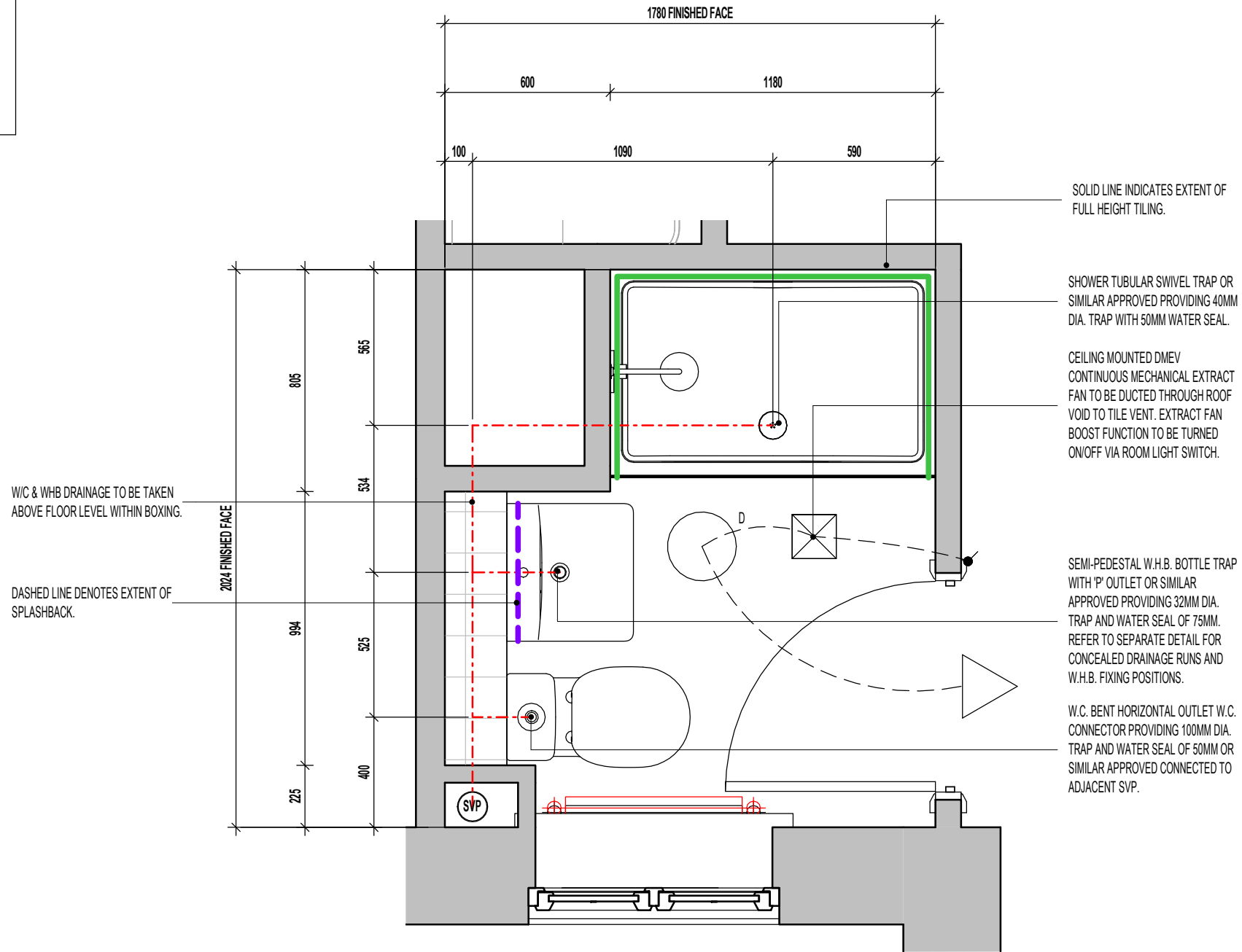
NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT. SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.

-  DENOTES EXTENT OF FULL HEIGHT TILING.
-  DENOTES EXTENT OF 1 ROW TILED SPLASHBACK










SANITARYWARE SCHEDULE - EN SUITE 1

LOCATION	ITEM	SIZE
E/S 1	WC PAN & CISTERN	360mm x 660mm
E/S 1	500 SEMI PEDESTAL WHB	500mm x 460mm
E/S 1	IS SIMPLICITY SHOWER TRAY - L5118	1210mm x 770mm



ELECTRICAL LEGEND.

	DRUM LOW ENERGY LIGHT.
	LIGHT SWITCH.
	DMEV CEILING MOUNTED EXTRACT FAN.
	DMEV WALL MOUNTED EXTRACT FAN.
	RADIATOR.
	SHOWER FITTING.
	ISOLATOR SWITCH HIGH LEVEL.

ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-

ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.

FOR ALTERNATIVE LED DOWNLIGHTER LOCATIONS, REFER TO CUSTOMER OPTIONS LAYOUT

EN SUITE 1 LAYOUT SCALE : 1:20

Revision Note:

Scale: As indicated | Drawn By: G.T. | Date: 06.11.23

Drawing No.: L472605 | Revision:



Project Title
LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO

Drawing Title
EN SUITE 1 LAYOUT

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TILING LEGEND.

NOTE: TIMBER STUDS TO BE AT 400MM CENTRES WHERE WALL TILING PRESENT. SEE WET AREA DRAWINGS FOR SPECIFIC WALL TILING LOCATIONS.

	DENOTES EXTENT OF FULL HEIGHT TILING.
	DENOTES EXTENT OF 1 ROW TILED SPLASHBACK

SANITARYWARE SCHEDULE - EN SUITE 2

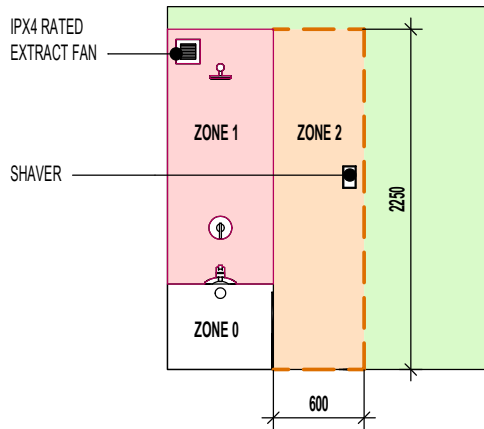
LOCATION	ITEM	SIZE
E/S 2	IS SIMPLICITY SHOWER TRAY - L5114	810mm x 810mm
E/S 2	WC PAN & CISTERN	360mm x 660mm
E/S 2	500 SEMI PEDESTAL WHB	500mm x 460mm

W/C & WHB DRAINAGE TO BE TAKEN ABOVE FLOOR LEVEL WITHIN BOXING.








HALF HEIGHT BOXING - TOP SURFACE TO RECEIVE TILED FINISH

W.C. BENT HORIZONTAL OUTLET W.C. CONNECTOR PROVIDING 100MM DIA. TRAP AND WATER SEAL OF 50MM OR SIMILAR APPROVED CONNECTED TO ADJACENT SVP.

POSITION OF WALL MOUNTED DMEV CONTINUOUS MECHANICAL EXTRACT FAN - TO BE INSTALLED 400MM MAX. FROM THE CEILING & MIN. 300MM FROM AN OPENING. EXTRACT FAN BOOST FUNCTION TO BE TURNED ON/OFF VIA ROOM LIGHT SWITCH.



ELECTRICAL LEGEND.

	DRUM LOW ENERGY LIGHT.
	LIGHT SWITCH.
	DMEV CEILING MOUNTED EXTRACT FAN.
	DMEV WALL MOUNTED EXTRACT FAN.
	RADIATOR.
	SHOWER FITTING.
	ISOLATOR SWITCH HIGH LEVEL.

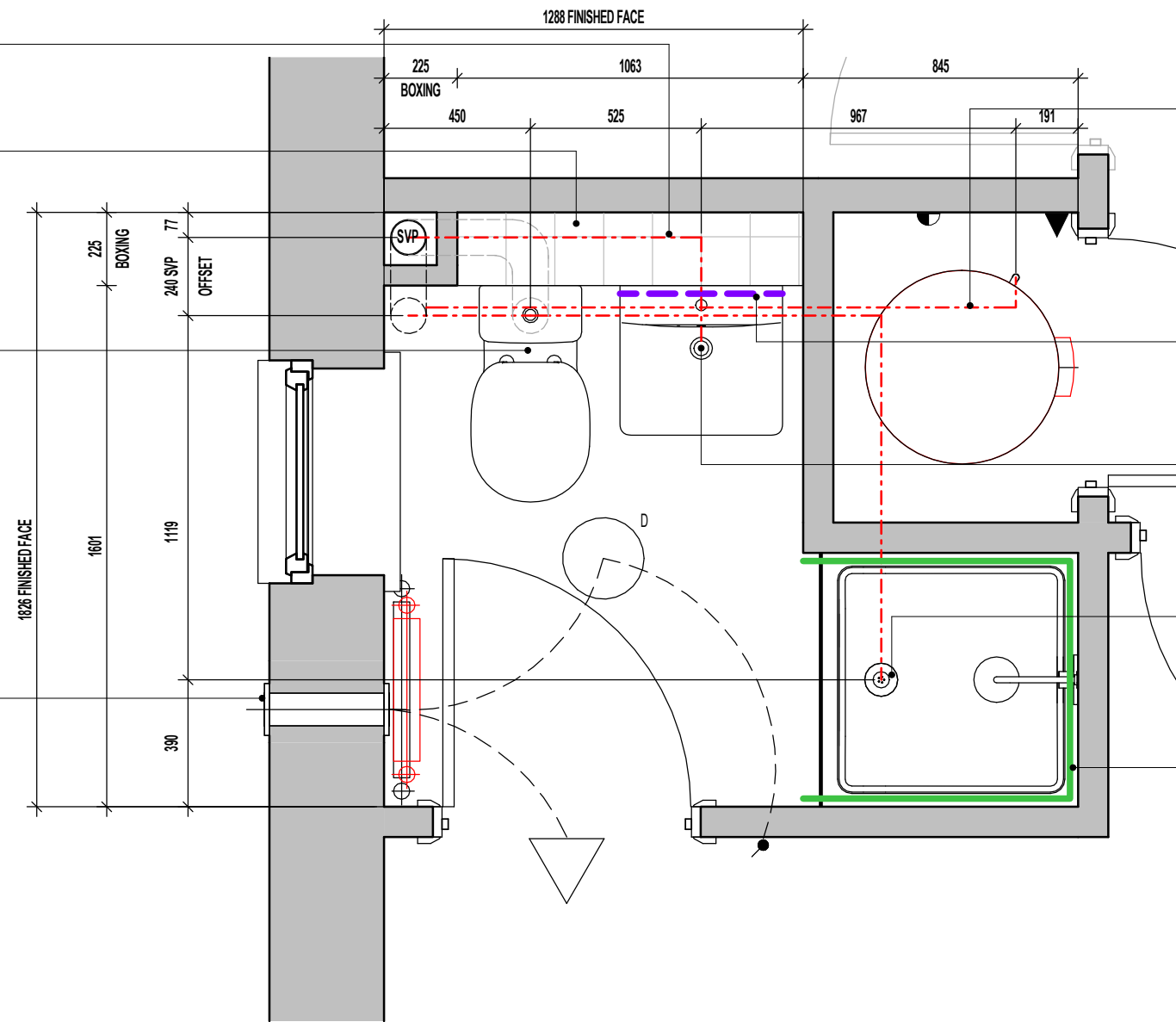
ROOF TILE VENT LOCATIONS IN PROXIMITY OF P.V. PANELS:-

ENSURE THERE IS SUFFICIENT SPACE FOR TILE VENTS TO BE INSTALLED AVOIDING ALL PV PANELS WITH THE MINIMUM CLEAR DISTANCES ALLOWED AS PER MANUFACTURERS RECOMMENDATIONS. IF ROOF SPACE IS LIMITED THEN DMEV WALL FANS TO BE INSTALLED NO LESS THAN 400MM FROM THE CEILING & MIN. 300MM FROM AN OPENING.

FOR ALTERNATIVE LED DOWNLIGHTER LOCATIONS, REFER TO CUSTOMER OPTIONS LAYOUT

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
EN SUITE 2 LAYOUT



INDEPENDENT 32MM POLYPROPYLENE DISCHARGE PIPE TO BS 5254 OR BS EN 1451. PIPE TO RUN TO SVP CONNECTION ONLY, AS DIMENSIONED. ENSURE POLYPROPYLENE PIPE HAS A CONTINUOUS FALL AND SUPPORTED AT 300MM CENTRES TO ENSURE PIPEWORK DOES NOT SAG. READ IN CONJUNCTION WITH JOIST LAYOUT

DASHED LINE DENOTES EXTENT OF SPLASHBACK.

SEMI-PEDESTAL W.H.B. BOTTLE TRAP WITH 'P' OUTLET OR SIMILAR APPROVED PROVIDING 32MM DIA. TRAP AND WATER SEAL OF 75MM. REFER TO SEPARATE DETAIL FOR CONCEALED DRAINAGE RUNS AND W.H.B. FIXING POSITIONS.

SHOWER TUBULAR SWIVEL TRAP OR SIMILAR APPROVED PROVIDING 40MM DIA. TRAP WITH 50MM WATER SEAL.

SOLID LINE INDICATES EXTENT OF FULL HEIGHT TILING.

EN SUITE 2 LAYOUT SCALE : 1:20

Revision Note:

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Scale	Drawn By	Date
As indicated	G.T.	06.11.23

Drawing No.	Revision
L472606	

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ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

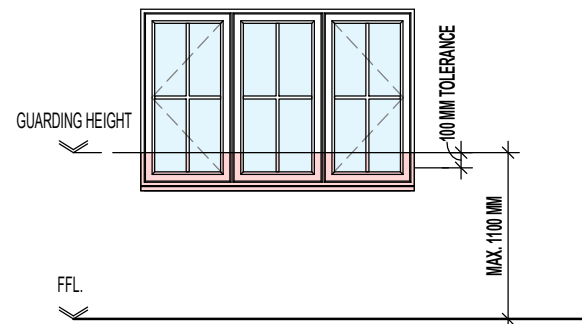
MILLER STANDARD WINDOW SCHEDULE

	LOCATION	WIDTH (mm)	HEIGHT (mm)	SIDE HUNG	TOP HUNG	NON-OPENING CASEMENTS	GLAZING STYLE	GLAZING PATTERN	EGRESS WINDOW	TOUGHENED SAFETY GLASS	RESTRICTOR	GUARDING	BS PAS 24	CILL TYPE	VENTILATOR EA (mm2)	OPTIONAL	COMMENTS
W1	DINING	1810	1200	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E					Yes	SEE WORKING DRAWING ELEVATIONS	4000 mm ²		
W2	LOUNGE	1810	1200	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E					Yes	SEE WORKING DRAWING ELEVATIONS	4000 mm ²		
W3	FAMILY/BREAKFAST	1248	1350	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E					Yes	SEE WORKING DRAWING ELEVATIONS	0 mm ²		
W4	KITCHEN	1248	1050	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E					Yes	SEE WORKING DRAWING ELEVATIONS	0 mm ²		
W5	BED 1	1248	1125	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E	Yes			Yes		SEE WORKING DRAWING ELEVATIONS	4000 mm ²		
W6	E/S 1	910	1050	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	OBSCURE LOW - E					Yes	SEE WORKING DRAWING ELEVATIONS	0 mm ²		
W7	BED 2	1248	1125	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E	Yes			Yes		SEE WORKING DRAWING ELEVATIONS	4000 mm ²		
W8	E/S 2	685	1050	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	OBSCURE LOW - E						SEE WORKING DRAWING ELEVATIONS	0 mm ²		
W9	BED 3	1248	1125	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E	Yes			Yes		SEE WORKING DRAWING ELEVATIONS	4000 mm ²		
W10	BATH.	685	1050	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	OBSCURE LOW - E						SEE WORKING DRAWING ELEVATIONS	0 mm ²		
W11	BED 4	1248	1125	Yes		SEE WORKING DRAWING ELEVATIONS	SEE WORKING DRAWING ELEVATIONS	CLEAR LOW - E	Yes			Yes		SEE WORKING DRAWING ELEVATIONS	4000 mm ²		
															24000 mm ²	28000mm ² TOTAL TRICKLE VENTILATION INC. 4000mm ² IN FRENCH DOORS D2	

**BACKGROUND VENTILATORS -
FOR CONTINUOUS MECHANICAL EXTRACT VENTILATION SYSTEMS (dMEV)**

IN ACCORDANCE WITH APPROVED DOCUMENT F1(1), DWELLINGS INCORPORATING A CONTINUOUS MECHANICAL EXTRACT VENTILATION SYSTEM, SHOULD ALLOW FOR BACKGROUND VENTILATORS THAT SATISFY ALL OF THE FOLLOWING CONDITIONS: -

- a. **NOT BE IN WET ROOMS;**
- b. PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING;
- c. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO-VENTILATORS; I.E.:-
 - 1 BED DWELLING = 3 VENTILATORS (MIN.)
 - 2 BED DWELLING = 4 VENTILATORS (MIN.)
 - 3 BED DWELLING = 5 VENTILATORS (MIN.)
 - 4 BED DWELLING = 6 VENTILATORS (MIN.)
 - 5 BED DWELLING = 7 VENTILATORS (MIN.)



WHERE FIRST FLOOR WINDOWS FORM PART OF THE OVERHEATING MITIGATION STRATEGY, ENSURE GUARDING IS INSTALLED AS PER THE DIAGRAM ABOVE AND DESIGNED AS FOLLOWS:

- GUARDING SHOULD BE SIZED TO PREVENT THE PASSAGE OF A 100MM SPHERE.
- ANY HOLE WHICH ALLOWS THE PASSAGE OF AN 8MM DIAMETER ROD SHOULD ALSO ALLOW THE PASSAGE OF A 25MM DIAMETER ROD. SUCH HOLES SHOULD NOT TAPER IN A WAY THAT ALLOWS FINGER ENTRAPMENT.
- ANY WALL, PARAPET, BALUSTRADE, SHUTTERS WITH A CHILD-PROOF LOCK OR SIMILAR OBSTRUCTION CAN BE USED AS GUARDING.
- ENSURE THAT GUARDING CAN RESIST, AS A MINIMUM, THE LOADS GIVEN IN BS EN 1991-1-1 WITH ITS UK NATIONAL ANNEX AND PD 6688-1-1.
- WHERE GLAZING IS USED IN THE GUARDING, REFER TO SECTION 5 OF APPROVED DOCUMENT K.

MILLER STANDARD OPENABLE AREA SCHEDULE - PER PANE

OPENING REF.	OPENING HEIGHT	OPENING WIDTH
D2	2.06	0.87
D3	1.99	0.94
W1	1.09	0.55
W2	1.09	0.55
W3	1.24	0.57
W4	0.94	0.57
W5	1.02	0.57
W6	0.94	0.40
W7	1.02	0.57
W8	0.94	0.61
W9	1.02	0.57
W10	0.94	0.61
W11	1.02	0.57

MILLER STANDARD GLAZING AREA SCHEDULE - PER PANE

REF.	OPENER GLAZING AREA	FIXED GLAZING AREA
D1	0.45 m ²	0.45 m ²
D2	1.09 m ²	
D3	0.55 m ²	
W1	0.39 m ²	0.39 m ²
W2	0.39 m ²	0.39 m ²
W3	0.47 m ²	0.47 m ²
W4	0.34 m ²	0.34 m ²
W5	0.38 m ²	0.38 m ²
W6	0.21 m ²	0.21 m ²
W7	0.38 m ²	0.38 m ²
W8	0.37 m ²	
W9	0.38 m ²	0.38 m ²
W10	0.37 m ²	
W11	0.38 m ²	0.38 m ²

Revision Note:

Scale

1 : 50

Drawn By

G.T.

Date

06.11.23

Drawing No.

L472701

Revision

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Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
WINDOW SCHEDULE

MILLER STANDARD EXTERNAL AND INTERNAL DOOR SCHEDULE

REF.	LOCATION	DOOR CONFIGURATION	STRUCTURAL OPENING		DOOR PANEL DIMENSIONS			DOOR STYLE	GLAZING REF.	SIDELIGHT REF.	FINISH	TOUGHENED SAFETY GLASS	WALL TYPE	BS PAS 24	COMMENTS
			HEIGHT	WIDTH	DOOR PANEL HEIGHT	DOOR PANEL WIDTH	DOOR PANEL THICKNESS								
D1	HALL	SINGLE EXTERNAL	2100	1023		914	44	CHECK WITH REGION	OBSCURE LOW - E	N/A	SMOOTH	Yes	CAVITY WALL	Yes	
D2	FAMILY/BREAKFAST	EXTERNAL FRENCH DOOR	2100	1810		1707	44	FRENCH DOORS	CLEAR LOW - E	N/A	P.V.C.U.	Yes	CAVITY WALL	Yes	4000MM² TRICKLE VENTILATION
D3	LAUNDRY	SINGLE EXTERNAL	2100	1023		914	44	4 PANEL	OBSCURE LOW - E	N/A	SMOOTH	Yes	CAVITY WALL	Yes	
D4	LOUNGE	SINGLE INTERNAL	2100	939	1981	838	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	BLOCK WALL	No	
D5	ST.	SINGLE INTERNAL	2030	747	1981	686	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	REDUCED HEIGHT BENEATH STAIRCASE
D6	FAMILY/BREAKFAST	SINGLE INTERNAL	2100	939	1981	838	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	BLOCK WALL	No	
D7	LAUNDRY	SINGLE INTERNAL	2100	939	1981	838	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	BLOCK WALL	No	
D8	W.C.	SINGLE INTERNAL	2030	899	1981	838	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D9	DINING	SINGLE INTERNAL	2030	899	1981	838	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D10	BED 2	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D11	E/S 2	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D12	L.	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D13	BED 3	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D14	BATH.	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D15	BED 4	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D16	BED 1	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D17	DRESS.	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	
D18	E/S 1	SINGLE INTERNAL	2030	823	1981	762	35	CHECK WITH REGION	N/A	N/A	SMOOTH	No	STUD WALL	No	

Revision Note:

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
DOOR SCHEDULE

Scale: **N/A** Drawn By: **G.T.** Date: **06.11.23**

Drawing No.: **L472702** Revision:



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MILLER STANDARD LINTEL SCHEDULE - DOORS

REF.	LOCATION	STRUCTURAL OPENING WIDTH	WALL TYPE	COMMENTS
D1	HALL	1023	CAVITY WALL	
D2	FAMILY/ BREAKFAST	1810	CAVITY WALL	4000MM² TRICKLE VENTILATION
D3	LAUNDRY	1023	CAVITY WALL	
D4	LOUNGE	939	BLOCK WALL	
D6	FAMILY/ BREAKFAST	939	BLOCK WALL	
D7	LAUNDRY	939	BLOCK WALL	

MILLER STANDARD LINTEL SCHEDULE - WINDOWS

REF.	LOCATION	STRUCTURAL OPENING WIDTH	COMMENTS
W1	DINING	1810	
W2	LOUNGE	1810	
W3	FAMILY/ BREAKFAST	1248	
W4	KITCHEN	1248	
W5	BED 1	1248	
W6	E/S 1	910	
W7	BED 2	1248	
W8	E/S 2	685	
W9	BED 3	1248	
W10	BATH.	685	
W11	BED 4	1248	

Revision Note:

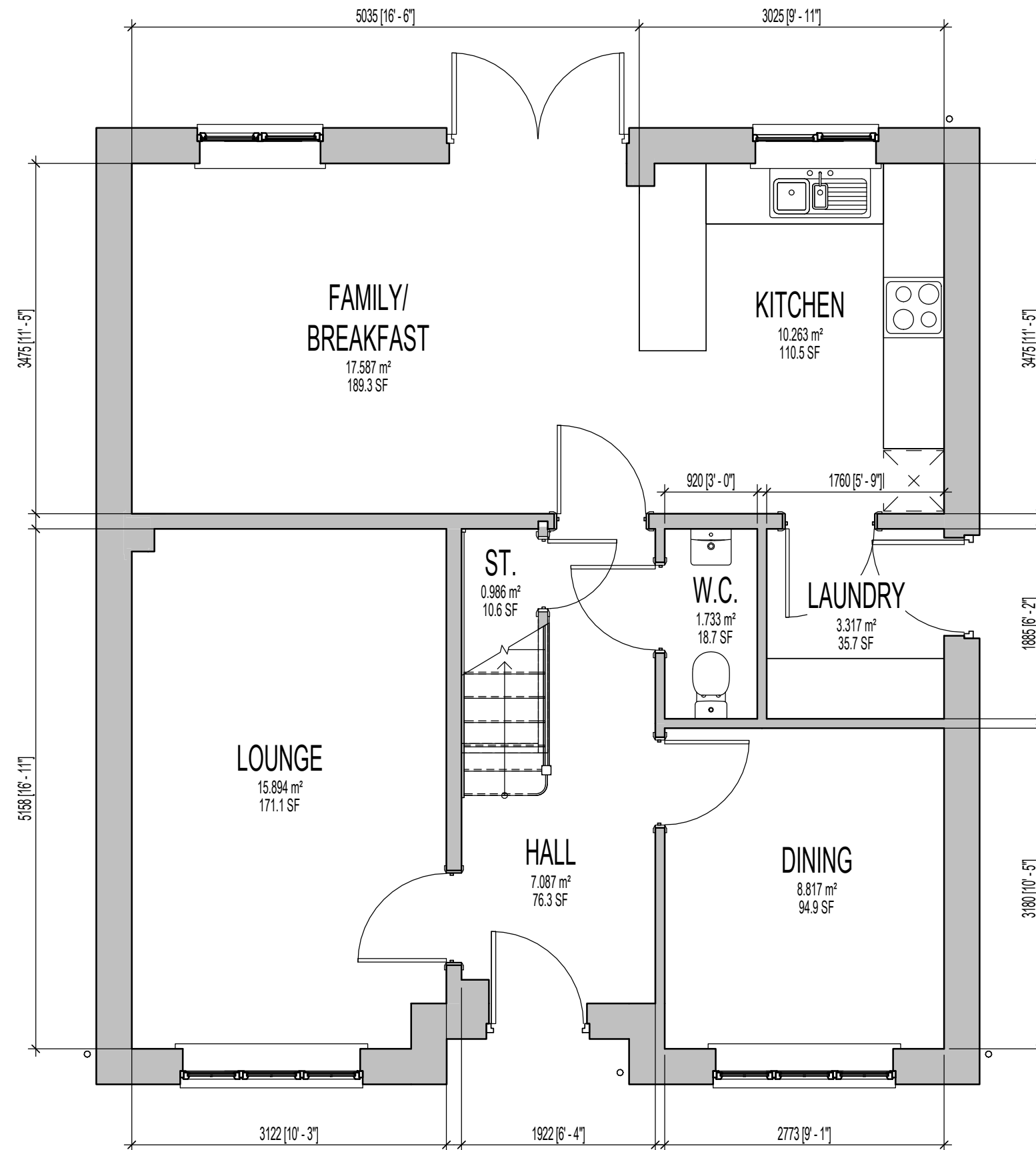
Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
LINTEL SCHEDULES

Scale	Drawn By	Date
N/A	G.T.	06.11.23

Drawing No.	Revision
L472703	

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GROUND FLOOR PLAN

MILLER STANDARD ROOM SIZE SCHEDULE						
ROOM NAME	FLOOR	METRIC			IMPERIAL	
		WIDTH		DEPTH	WIDTH	DEPTH
LOUNGE	GROUND FLOOR	3122	X	5158	10'-3"	X 16'-11"
FAMILY/ BREAKFAST	GROUND FLOOR	5035	X	3475	16'-6"	X 11'-5"
KITCHEN	GROUND FLOOR	3025	X	3475	9'-11"	X 11'-5"
LAUNDRY	GROUND FLOOR	1760	X	1885	5'-9"	X 6'-2"
DINING	GROUND FLOOR	2773	X	3180	9'-1"	X 10'-5"
W.C.	GROUND FLOOR	920	X	1885	3'-0"	X 6'-2"
BED 1	FIRST FLOOR	2916	X	3790	9'-7"	X 12'-5"
E/S 1	FIRST FLOOR	1555	X	2024	5'-1"	X 6'-8"
DRESS.	FIRST FLOOR	2614	X	1700	8'-7"	X 5'-7"
BED 2	FIRST FLOOR	3167	MAX.	3471	10'-5"	X 11'-5"
E/S 2	FIRST FLOOR	2133	MAX.	1601	7'-0"	X 5'-3"
BED 3	FIRST FLOOR	2385	MAX.	3288	7'-10"	X 10'-9"
BED 4	FIRST FLOOR	2614	X	3095	8'-7"	X 10'-2"
BATH.	FIRST FLOOR	2863	X	1700	9'-5"	X 5'-7"

Revision Note:

Scale

1 : 50

Drawn By

G.T.

Date

06.11.23

Drawing No.

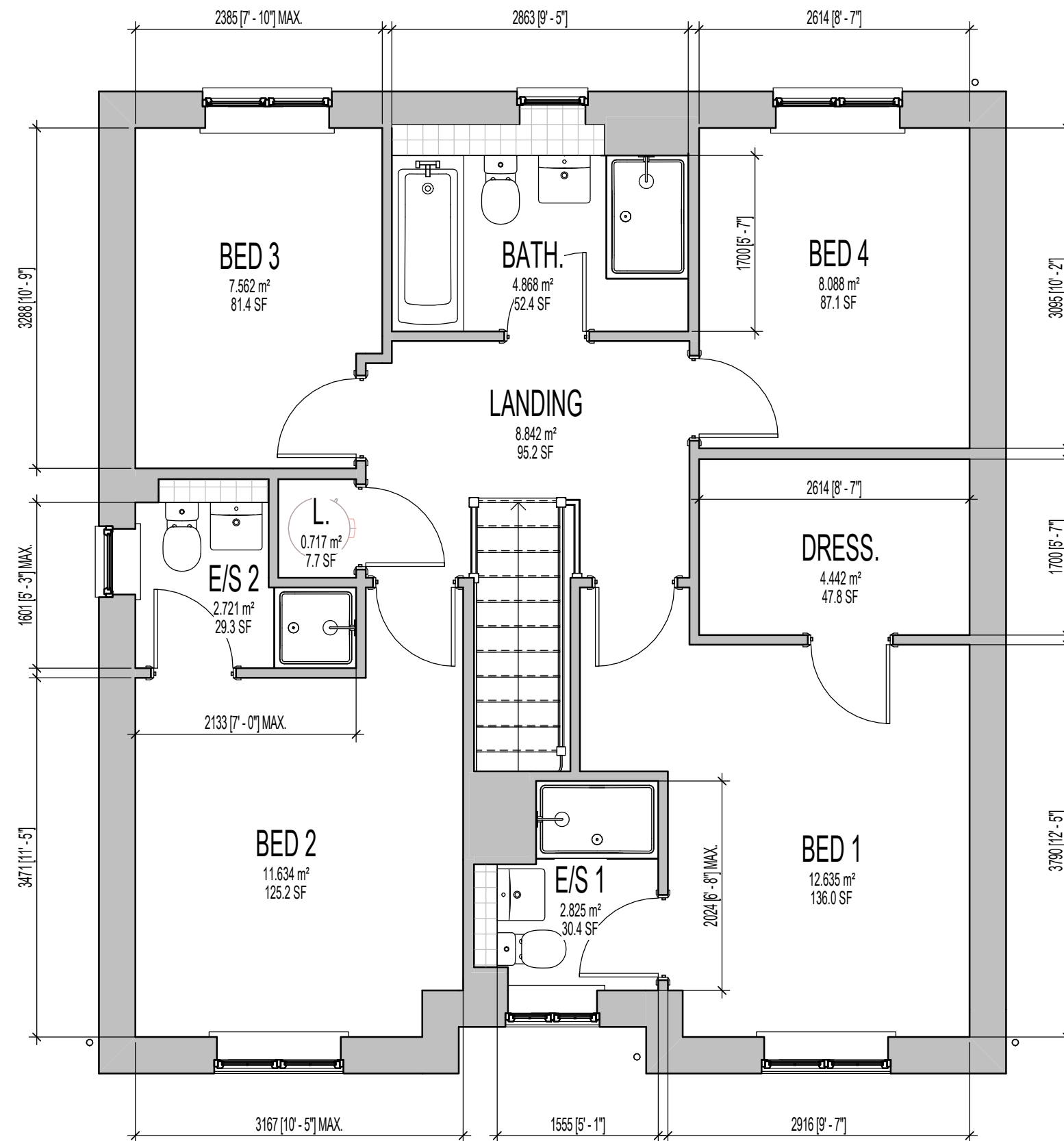
L472901

Revision

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Project Title
**LONDON ROAD, WOOLMER GREEN
L472 - 4B / 8P / 1500 - CROSSWOOD
2024 NATIONAL PORTFOLIO**

Drawing Title
G.F. SALES BROCHURE PLAN



MILLER STANDARD ROOM SIZE SCHEDULE						
ROOM NAME	FLOOR	METRIC			IMPERIAL	
		WIDTH		DEPTH	WIDTH	DEPTH
LOUNGE	GROUND FLOOR	3122		X 5158	10' - 3"	X 16' - 11"
FAMILY/ BREAKFAST	GROUND FLOOR	5035		X 3475	16' - 6"	X 11' - 5"
KITCHEN	GROUND FLOOR	3025		X 3475	9' - 11"	X 11' - 5"
LAUNDRY	GROUND FLOOR	1760		X 1885	5' - 9"	X 6' - 2"
DINING	GROUND FLOOR	2773		X 3180	9' - 1"	X 10' - 5"
W.C.	GROUND FLOOR	920		X 1885	3' - 0"	X 6' - 2"
BED 1	FIRST FLOOR	2916		X 3790	9' - 7"	X 12' - 5"
E/S 1	FIRST FLOOR	1555		X 2024	MAX.	X 6' - 8"
DRESS.	FIRST FLOOR	2614		X 1700	8' - 7"	X 5' - 7"
BED 2	FIRST FLOOR	3167	MAX.	X 3471	10' - 5"	X 11' - 5"
E/S 2	FIRST FLOOR	2133	MAX.	X 1601	MAX.	X 5' - 3"
BED 3	FIRST FLOOR	2385	MAX.	X 3288	7' - 10"	X 10' - 9"
BED 4	FIRST FLOOR	2614		X 3095	8' - 7"	X 10' - 2"
BATH.	FIRST FLOOR	2863		X 1700	9' - 5"	X 5' - 7"

Revision Note:

Scale

1 : 50

Drawn By

G.T.

Date

06.11.23

Drawing No.

L472902

Revision

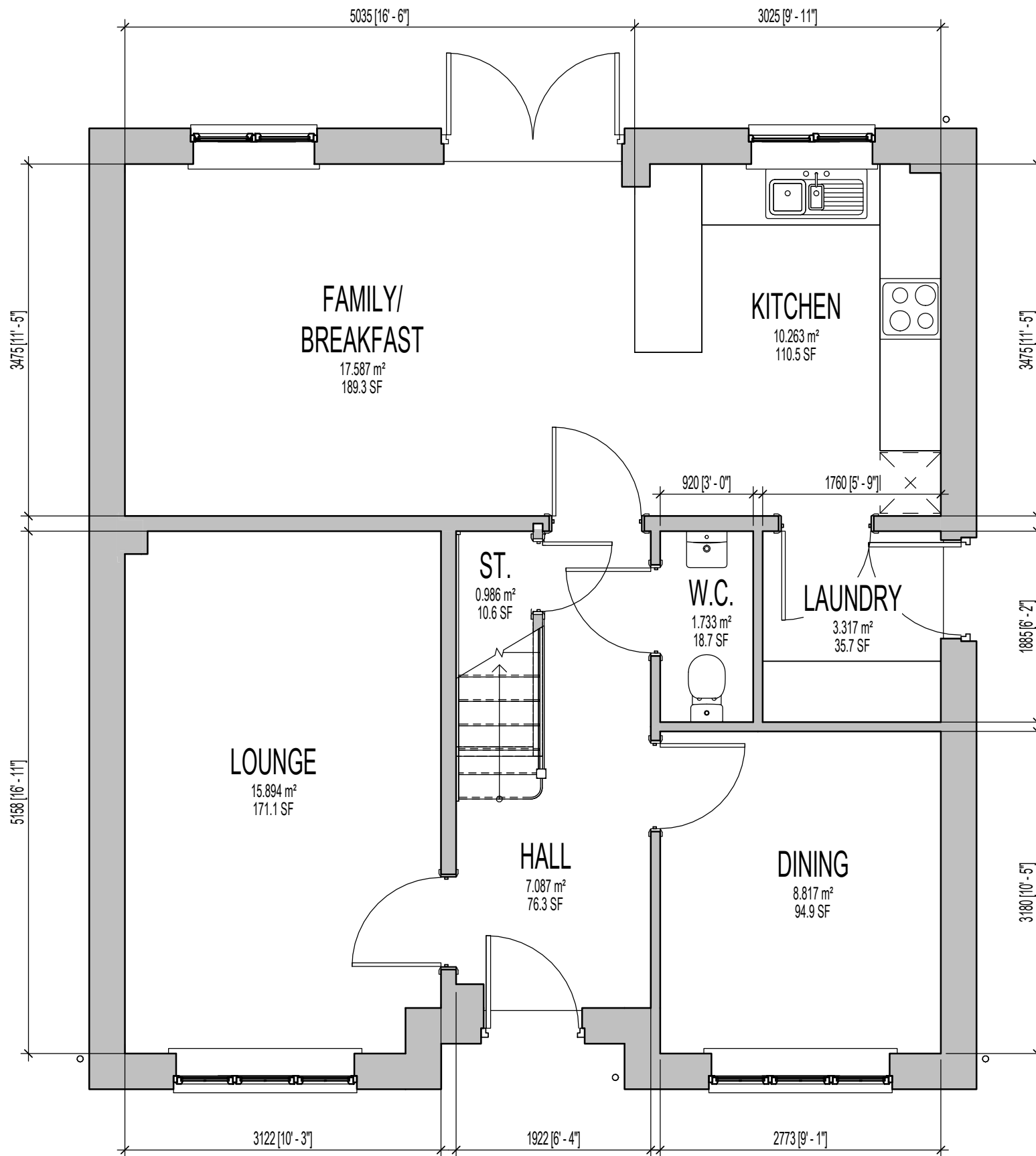
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ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
F.F. SALES BROCHURE PLAN

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GROUND FLOOR PLAN

Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP G.F. SALES BROCHURE PLAN

MILLER STANDARD ROOM SIZE SCHEDULE							
ROOM NAME	FLOOR	METRIC			IMPERIAL		
		WIDTH		DEPTH	WIDTH	DEPTH	
LOUNGE	GROUND FLOOR	3122		X 5158	10'-3"	X 16'-11"	
FAMILY/ BREAKFAST	GROUND FLOOR	5035		X 3475	16'-6"	X 11'-5"	
KITCHEN	GROUND FLOOR	3025		X 3475	9'-11"	X 11'-5"	
LAUNDRY	GROUND FLOOR	1760		X 1885	5'-9"	X 6'-2"	
DINING	GROUND FLOOR	2773		X 3180	9'-1"	X 10'-5"	
W.C.	GROUND FLOOR	920		X 1885	3'-0"	X 6'-2"	
BED 1	FIRST FLOOR	2916		X 3790	9'-7"	X 12'-5"	
E/S 1	FIRST FLOOR	1555		X 2024	MAX.	X 6'-8"	
DRESS.	FIRST FLOOR	2614		X 1700	8'-7"	X 5'-7"	
BED 2	FIRST FLOOR	3167	MAX.	X 3471	10'-5"	X 11'-5"	
E/S 2	FIRST FLOOR	2133	MAX.	X 1601	MAX.	7'-0"	
BED 3	FIRST FLOOR	2385	MAX.	X 3288	7'-10"	X 10'-9"	
BED 4	FIRST FLOOR	2614		X 3095	8'-7"	X 10'-2"	
BATH.	FIRST FLOOR	2863		X 1700	9'-5"	X 5'-7"	

Revision Note:

Scale

1 : 50

Drawn By

G.T.

Date

14.03.25

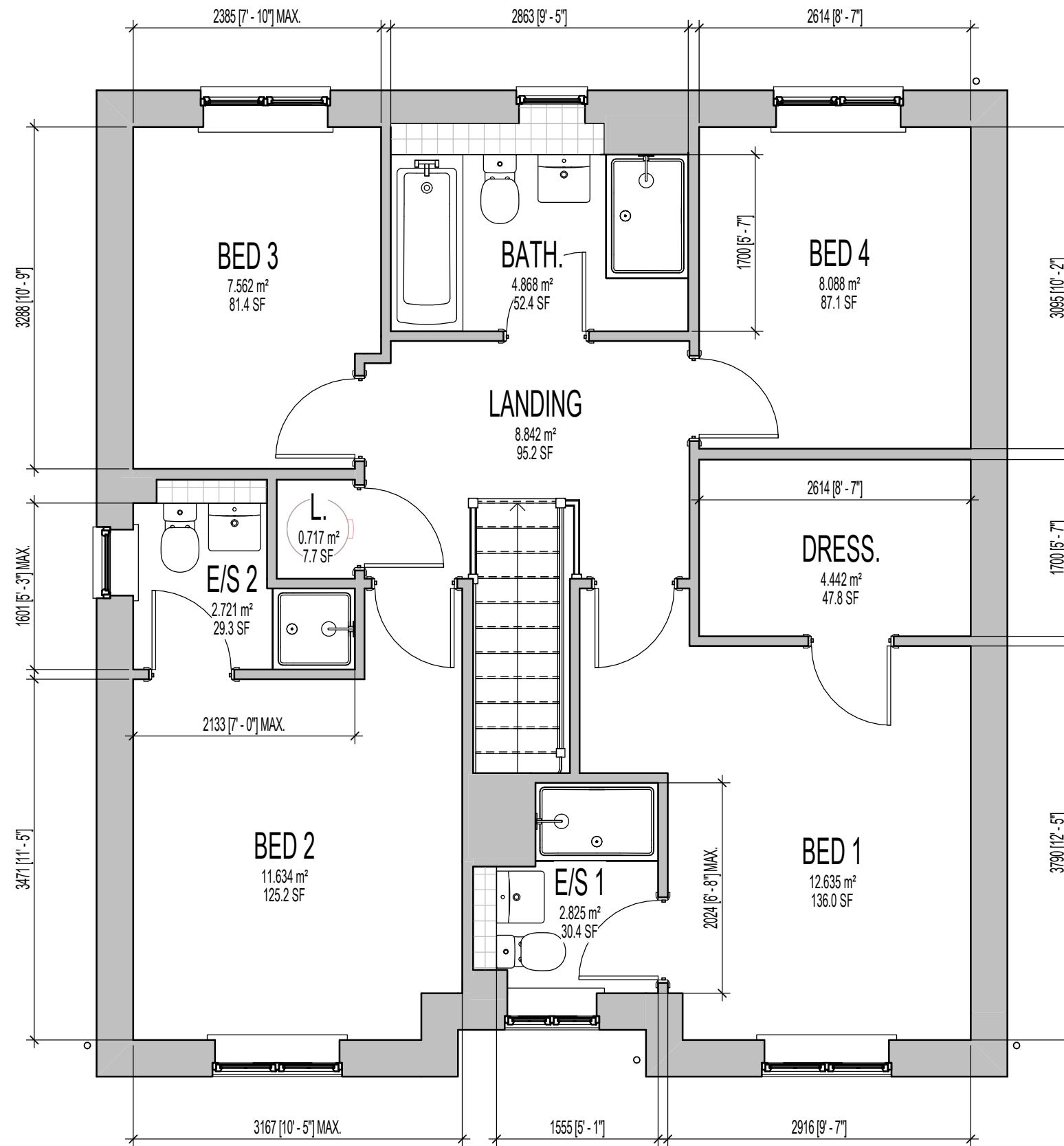
Drawing No.

L472911

Revision

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FIRST FLOOR PLAN

MILLER STANDARD ROOM SIZE SCHEDULE							
ROOM NAME	FLOOR	METRIC				IMPERIAL	
		WIDTH		DEPTH		WIDTH	DEPTH
LOUNGE	GROUND FLOOR	3122		X 5158		10'-3"	X 16'-11"
FAMILY/ BREAKFAST	GROUND FLOOR	5035		X 3475		16'-6"	X 11'-5"
KITCHEN	GROUND FLOOR	3025		X 3475		9'-11"	X 11'-5"
LAUNDRY	GROUND FLOOR	1760		X 1885		5'-9"	X 6'-2"
DINING	GROUND FLOOR	2773		X 3180		9'-1"	X 10'-5"
W.C.	GROUND FLOOR	920		X 1885		3'-0"	X 6'-2"
BED 1	FIRST FLOOR	2916		X 3790		9'-7"	X 12'-5"
E/S 1	FIRST FLOOR	1555		X 2024	MAX.	5'-1"	X 6'-8"
DRESS.	FIRST FLOOR	2614		X 1700		8'-7"	X 5'-7"
BED 2	FIRST FLOOR	3167	MAX.	X 3471		10'-5"	X 11'-5"
E/S 2	FIRST FLOOR	2133	MAX.	X 1601	MAX.	7'-0"	X 5'-3"
BED 3	FIRST FLOOR	2385	MAX.	X 3288		7'-10"	X 10'-9"
BED 4	FIRST FLOOR	2614		X 3095		8'-7"	X 10'-2"
BATH.	FIRST FLOOR	2863		X 1700		9'-5"	X 5'-7"

Revision Note:

Scale

1 : 50

Drawn By

G.T.

Date

14.03.25

Drawing No.

L472912

Revision

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Project Title
**LONDON ROAD, WOOLMER GREEN
 L472 - 4B / 8P / 1500 - CROSSWOOD
 2024 NATIONAL PORTFOLIO**

Drawing Title
ASHP F.F. SALES BROCHURE PLAN

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS TO BE WORKED FROM DISCREPANCIES MUST BE REPORTED TO THE DESIGN OFFICE BEFORE PROCEEDING

ORIGINAL SHEET SIZE A3 - DO NOT SCALE FROM THIS DRAWING