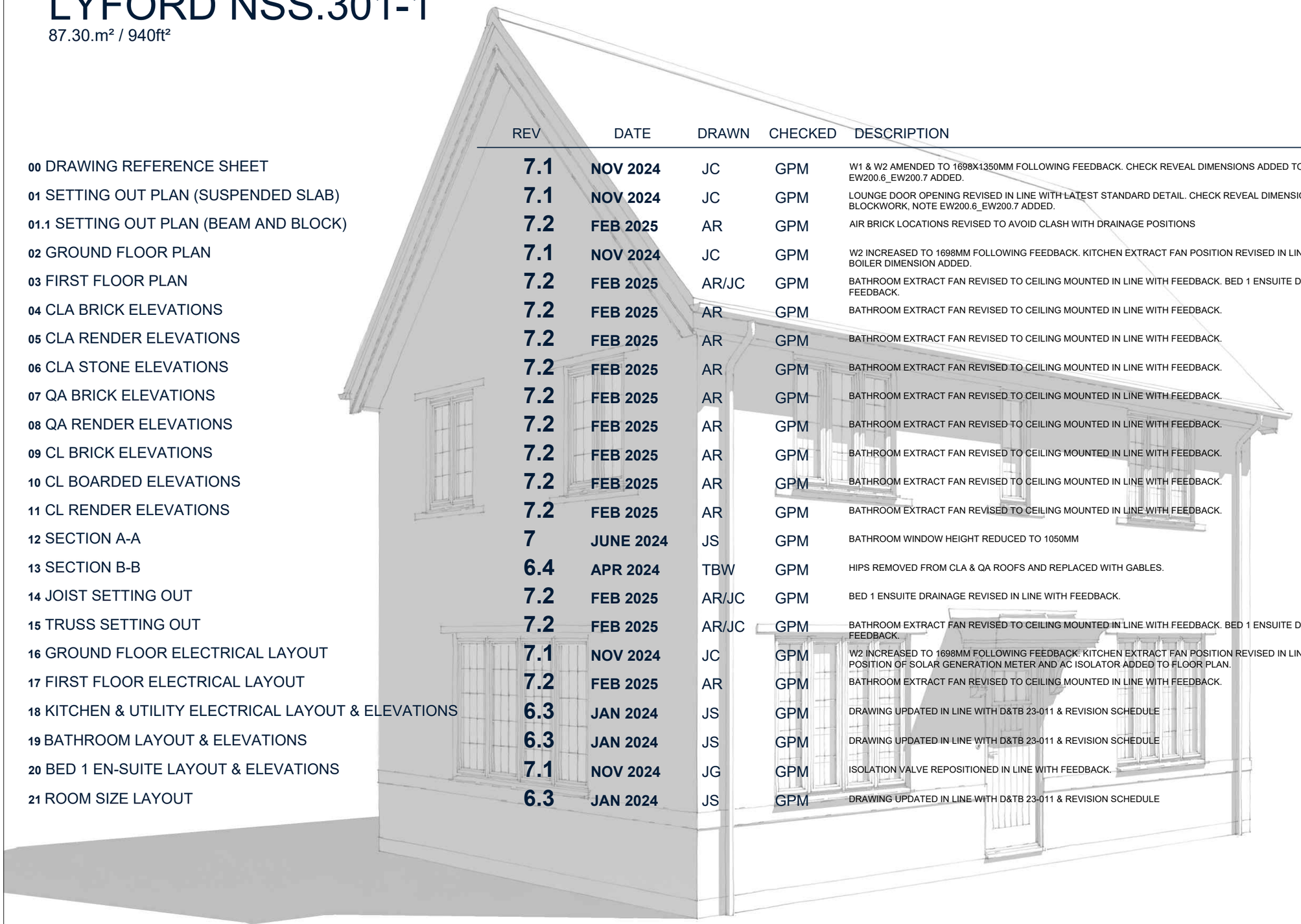
LYFORD NSS.301-1

87.30.m² / 940ft²



00 DRAWING REFERENCE SHEET
01 SETTING OUT PLAN (SUSPENDED SLAB)
01.1 SETTING OUT PLAN (BEAM AND BLOCK)
02 GROUND FLOOR PLAN
03 FIRST FLOOR PLAN
04 CLA BRICK ELEVATIONS
05 CLA RENDER ELEVATIONS
06 CLA STONE ELEVATIONS
07 QA BRICK ELEVATIONS
08 QA RENDER ELEVATIONS
09 CL BRICK ELEVATIONS
10 CL BOARDED ELEVATIONS
11 CL RENDER ELEVATIONS
12 SECTION A-A
13 SECTION B-B
14 JOIST SETTING OUT
15 TRUSS SETTING OUT
16 GROUND FLOOR ELECTRICAL LAYOUT
17 FIRST FLOOR ELECTRICAL LAYOUT
18 KITCHEN & UTILITY ELECTRICAL LAYOUT & ELEVATIONS
19 BATHROOM LAYOUT & ELEVATIONS
20 BED 1 EN-SUITE LAYOUT & ELEVATIONS
21 ROOM SIZE LAYOUT

REV	DATE	DRAWN	CHECKED	DESCRIPTION
7.1	NOV 2024	JC	GPM	W1 & W2 AMENDED TO 1698X1350MM FOLLOWING FEEDBACK. CHECK REVEAL DIMENSIONS ADDED TO INTERNAL BLOCKWORK, NOTE EW200.6_EW200.7 ADDED.
7.1	NOV 2024	JC	GPM	LOUNGE DOOR OPENING REVISED IN LINE WITH LATEST STANDARD DETAIL. CHECK REVEAL DIMENSIONS ADDED TO INTERNAL BLOCKWORK, NOTE EW200.6_EW200.7 ADDED.
7.2	FEB 2025	AR	GPM	AIR BRICK LOCATIONS REVISED TO AVOID CLASH WITH DRAINAGE POSITIONS
7.1	NOV 2024	JC	GPM	W2 INCREASED TO 1698MM FOLLOWING FEEDBACK. KITCHEN EXTRACT FAN POSITION REVISED IN LINE WITH FEEDBACK. HORIZONTAL BOILER DIMENSION ADDED.
7.2	FEB 2025	AR/JC	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK. BED 1 ENSUITE DRAINAGE REVISED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
7	JUNE 2024	JS	GPM	BATHROOM WINDOW HEIGHT REDUCED TO 1050MM
6.4	APR 2024	TBW	GPM	HIPS REMOVED FROM CLA & QA ROOFS AND REPLACED WITH GABLES.
7.2	FEB 2025	AR/JC	GPM	BED 1 ENSUITE DRAINAGE REVISED IN LINE WITH FEEDBACK.
7.2	FEB 2025	AR/JC	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK. BED 1 ENSUITE DRAINAGE REVISED IN LINE WITH FEEDBACK.
7.1	NOV 2024	JC	GPM	W2 INCREASED TO 1698MM FOLLOWING FEEDBACK. KITCHEN EXTRACT FAN POSITION REVISED IN LINE WITH FEEDBACK. POSITION OF SOLAR GENERATION METER AND AC ISOLATOR ADDED TO FLOOR PLAN.
7.2	FEB 2025	AR	GPM	BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.
6.3	JAN 2024	JS	GPM	DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE
6.3	JAN 2024	JS	GPM	DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE
7.1	NOV 2024	JG	GPM	ISOLATION VALVE REPOSITIONED IN LINE WITH FEEDBACK.
6.3	JAN 2024	JS	GPM	DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE

Masonry
Construction Specification

Standard Details

FONN
Photographic Evidence

Feedback Email

BLOOR STANDARD
The Bloor Standard

Revision History

Overheating O
Part O Calculations

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HOUSE TYPE NDSS COMPLIANT
PART F&S 2021 COMPLIANT

ISSUE 7.2

BLOOR HOMES

Arnold Lavers Truss Design
Crendon Truss Design
Pasquill Truss Design
Steico Joist Design
JMS Structural Calculations
Keystone Lintel Schedule
Vent-Axia Ventilation Design
Briary Energy Water Calculations
Stair Craft Stair Design
Ideal Heating Design
Symphony Kitchen Design
Briary Energy SAP Rating
NHBC Type Approval

LYFORD NSS.301-1

87.30.m² / 940ft²

LEGEND

EXTERNAL OUTER LEAF 102mm / 100mm
INDICATES BRICK / BLOCK (WHEN RENDER) / STONE CONSTRUCTION TO MATERIAL / PLOT SCHEDULE AND GROUP SPECIFICATION.

INTERNAL CAVITY BLOCKWORK 100mm
TO BE CONSTRUCTED USING 100mm DUROX SUPABLOC BLOCKWORK (3.6N/mm²) TO GROUP SPECIFICATION.

INTERNAL CAVITY BLOCKWORK 100mm
TO BE CONSTRUCTED USING 100mm DUROX SUPABLOC 7 BLOCKWORK (7.3N/mm²) TO GROUP SPECIFICATION.

INTERNAL BLOCKWORK WALLS 100mm
LOAD BEARING / NON LOAD BEARING WALLS TO BE CONSTRUCTED USING 100mm LIGHTWEIGHT AGGREGATE BLOCKS (3.6N/mm²) (DRY DENSITY 1350 to 1600kg/m³)

INTERNAL BLOCKWORK WALLS 100mm
LOAD BEARING / NON LOAD BEARING WALLS TO BE CONSTRUCTED USING 100mm LIGHTWEIGHT AGGREGATE BLOCKS (7.3N/mm²) (DRY DENSITY 1350 to 1600kg/m³)

EXTERNAL BLOCKWORK WALLS 100mm
100mm LIGHTWEIGHT AGGREGATE BLOCK (7.3N/mm²) (DRY DENSITY 1350 to 1600kg/m³) OUTER LEAF TO RECEIVE SPECIALIST ROUGHCAST MONOCOUCHE RENDER. SEE DETAIL ET804.1 AND **weberpral M APPLICATION GUIDE**. REFER TO MATERIAL SCHEDULE FOR TYPE AND COLOUR. FOR RENDER STOP SEE DETAIL ET801

SEMI-EXPOSED WALL TO BE 100mm
DUROX SUPABLOC BLOCKWORK (BETWEEN DWELLING AND GARAGE - 3.6N/mm²) WITH 38mm BRITISH GYPSUM 'THERMALINE PIR' PLASTERBOARD ON DABS TO DWELLING (WARM) SIDE TO GROUP SPECIFICATION.

NOTE : FOR INSULATION IN CAVITY WALLS REFER TO GROUP SPECIFICATION AND HOUSE TYPE SAP RATINGS.

EXTERNAL WALL INSULATION (BELOW DPC)
PROVIDE FULL FILL TO THE CAVITY USING KNAUFF SUPAFIL 34 BLOWN FIBRE INJECTED INSULATION (WHITE) INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

EXTERNAL WALL INSULATION (ABOVE DPC)
PROVIDE FULL FILL TO THE CAVITY USING KNAUFF SUPAFIL 34 BLOWN FIBRE INJECTED INSULATION (WHITE) INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

PARTY WALL INSULATION **(E-WM-28)**
PROVIDE FULL FILL TO THE CAVITY USING KNAUFF SUPAFIL PARTY WALL BLOWN FIBRE INJECTED INSULATION (BLUE) INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. WALLS TO BE CONSTRUCTED USING 100mm LIGHTWEIGHT AGGREGATE BLOCKS (3.6N/mm²) (DRY DENSITY 1350 to 1600kg/m³)

NON-LOADBEARING METAL STUD PARTITION
75mm NOMINAL FINISHED DIMENSION FOR STUD WALLS REFER TO GROUP SPECIFICATION.

NON-LOADBEARING METAL STUD PARTITION
WITH 50mm ISOVER APR 1200 INSULATION IN THE CAVITY TO ACHIEVE 40dB SOUND REDUCTION 75mm NOMINAL FINISHED DIMENSION FOR STUD WALLS REFER TO GROUP SPECIFICATION.

TIMBER STRUCTURAL STUD PARTITIONS
INTERNAL STRUCTURAL STUD PARTITIONS TO BE CONSTRUCTED USING MIN. 45 X 72mm STUDS WITH 12mm PLYWOOD TO ONE SIDE. SEE DETAIL IW400.1

TIMBER STRUCTURAL STUD PARTITIONS (INSULATED)
INTERNAL STRUCTURAL STUD PARTITIONS TO BE CONSTRUCTED USING MIN. 45 X 72mm STUDS WITH 12mm PLYWOOD TO ONE SIDE. 65mm ISOVER APR 1200 INSULATION OR EQUIVALENT IN THE STUD CAVITY. SEE DETAIL IW400.1

SUMMARY TABLE

KEY	DESCRIPTION
	PV INVERTER IN LOFT SPACE. REFER TO DETAIL RF620
MSD / TEST	MULTI-SENSOR DETECTOR IN LOFT SPACE WIRED TO TEST SWITCH LOCATED NEAR LOFT HATCH.
	PHOTOGRAPHIC EVIDENCE OF KEY JUNCTIONS IS REQUIRED THROUGHOUT THE BUILD. DETAILS CAN BE FOUND BY SELECTING THE LINK NEXT TO THE PHOTO SYMBOL ON THE SETTING OUT AND FLOOR PLAN SHEETS.
	DENOTES LOCATION OF PHOTOGRAPHIC EVIDENCE OF KEY JUNCTIONS. ENSURE PHOTOGRAPHIC EVIDENCE IS ACQUIRED FOR EACH ELEMENT SPECIFIED. I.E. EVERY THRESHOLD, WINDOW ETC..
	WASTE WATER HEAT RECOVERY (WWHR) TO BE INSTALLED WHERE HIGHLIGHTED ON PLANS.
STOP & THINK	'STOP & THINK' ICONS HIGHLIGHT KEY CHANGES AND ELEMENTS OF THE BUILD WHICH REQUIRE SPECIFIC ATTENTION.
	DENOTES WC ISOLATION TAP / VALVE FITTED TO SIDE OF WC AS SHOWN TO BLIND SIDE.
MJB MJR MJS	COLOUR CO-ORDINATED MOVEMENT JOINT LOCATION HIGHLIGHTED ON FLOOR PLANS AND ELEVATIONS.
W??	WINDOW SIZES AMENDED TO BRICKWORK OPENING DIMENSIONS.
ELEC	METER BOXES SHOWN AS DEFAULT POSITION, POSITION TO BE CONFIRMED ON ENGINEERS LAYOUT.
CP / CP	WALL MOUNTED CAR CHARGING POINT SHOWN INDICATIVE ON PLANS AND ELEVATIONS. POSITION TO BE CONFIRMED ON ENGINEERS LAYOUT. ALTERNATIVE POSITIONS MAY BE SHOWN DEPENDING ON PLOT AND HOUSE TYPE **ONLY ONE CHARGE POINT PER DWELLING**
NDSS	DENOTES NATIONALLY DESCRIBED SPACE STANDARDS COMPLIANT. STANDARD HOUSE TYPES WHERE POSSIBLE HAVE BEEN AMENDED TO SHOW NDSS COMPLIANCE WITH RELEVANT NDSS VERSION REMOVED FROM THE STANDARD RANGE. WARDROBE POSITIONS SHOWN DASHED FOR REQUIREMENT - SEE PLOT LOG.
	DENOTES ACCESS TO PREVIOUS ISSUES OF WORKING DRAWING.
	DENOTES POSITION OF RENDER STOP. 20MM PROJECTING BRICK - SEE DETAILS ET801 & ET801.1

WINDOW SCHEDULE

	WINDOW NO	OPENING SIZE STANDARD EXPOSURE			OPENING SIZE SEVERE / VERY SEVERE EXPOSURE			WINDOW STYLE CLA	WINDOW STYLE QA	WINDOW STYLE CL	TRICKLE VENTS REQUIRED
Q	W1	1698	x	1350	1748	x	1350	LEADED	MOCK SASH	PLAIN	✓
Q	W2	1698	x	1350	1748	x	1350	LEADED	MOCK SASH	PLAIN	✓
Q	W3	1135	x	1050	1185	x	1050	LEADED	MOCK SASH	PLAIN	-
Q	W4	1698	x	1500	1748	x	1500	LEADED	MOCK SASH	PLAIN	✓
	W5	1248	x	1050	1298	x	1050	LEADED	MOCK SASH	PLAIN	✓
OB	W6	460	x	1050	510	x	1050	LEADED	MOCK SASH	PLAIN	-
OB	W7	1248	x	1050	1298	x	1050	LEADED	MOCK SASH	PLAIN	-
FE	W8	1135	x	1125	1185	x	1125	LEADED	MOCK SASH	PLAIN	✓
FE	W9	910	x	1125	960	x	1125	LEADED	MOCK SASH	PLAIN	✓
FE	W10	910	x	1125	960	x	1125	LEADED	MOCK SASH	PLAIN	✓
	DOOR NO	DOOR SIZE						DOOR STYLE			
▽	D1	1023	x	2100	1073	x	2100	DS3	QAD1	CLD1	-
▽	D2	1698	x	2100	1748	x	2100	-	-	-	-

DENOTES INCREASED OPENING WIDTH TO ACCOMMODATE 25MM CHECK REVEALS WITH CHECK REVEAL CAVITY CLOSERS TO EACH SIDE OF OPENING (SEE DETAILS : EW200.6_EW200.7)

▽ DENOTES TOUGHENED SAFETY GLASS TO B.S. 6206 (SEE DETAIL NO: WD702)

EC DENOTES WINDOWS SUPPLIED WITH EASY CLEAN HINGES

OB DENOTES OBSCURE GLASS

FE DENOTES WINDOWS TO BE SUPPLIED AS FIRE ESCAPE. REFER TO CONSTRUCTION SPECIFICATION. SECTION 17. MEANS OF ESCAPE.

Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL WD703.

THE VENTILATION INSTALLATION (*DMEV*) IS REQUIRED TO BE COMMISSIONED AS PER THE VENTILATION COMPLIANCE GUIDE AND COMMISSIONING CERTIFICATE SUBMITTED.

STOP & THINK

BACKGROUND VENTILATION MUST BE PROVIDED VIA TRICKLE VENTILATORS. THERE MUST BE A MINIMUM OF 4000mm² PER HABITABLE ROOM. TRICKLE VENTILATORS SHOULD NOT BE INSTALLED IN WET ROOMS. (SEE SECTION 1.60 *CONTINUOUS MECHANICAL EXTRACT VENTILATION* FROM APPROVED DOCUMENT F(1) FOR GUIDANCE). 1 NO. 4000mm2 TRICKLE VENT WILL BE REQUIRED TO BE FITTED PER WINDOW PER HABITABLE ROOM.

AIR TRANSFER - TO ENSURE GOOD TRANSFER OF AIR THROUGHOUT THE DWELLING A 20MM UNDERCUT ABOVE UN-FINISHED FLOOR LEVEL IS REQUIRED ON ALL INTERNAL DOORS.

⚠ STOP THINK!

RISK OF FALLING — PROVIDE SUITABLE WORKING PLATFORM +/ OR FALL PROTECTION MEASURES (RELEVANT TO THE TECHNIQUE USED FOR INSTALLATION E.G. IF INSTALLED FROM THE FLOOR OR FROM THE SCAFFOLD WORKING PLATFORM.

HEAVY OBJECT — RISK ASSESSMENT FOR MANUAL HANDLING TO BE CARRIED OUT BASED ON THE TOTAL WEIGHT OF MATERIALS USED AND IF NECESSARY THE USE OF MECHANICAL MEANS FOR MOVEMENT + PLACING ON SITE, WHERE APPROPRIATE.

FRAGILE CEILING — A RISK ASSESSMENT MUST BE CARRIED OUT PRIOR TO ANY WORK COMMENCING WITHIN LOFT SPACE.

HEAVY DOOR / WINDOW COMBINATION FRAME — GLASS TO BE REMOVED FROM COMBINED DOOR / WINDOW FRAME PRIOR TO INSTALLATION.

PRINT SHEET

ISSUE 7.2

BLOOR HOMES

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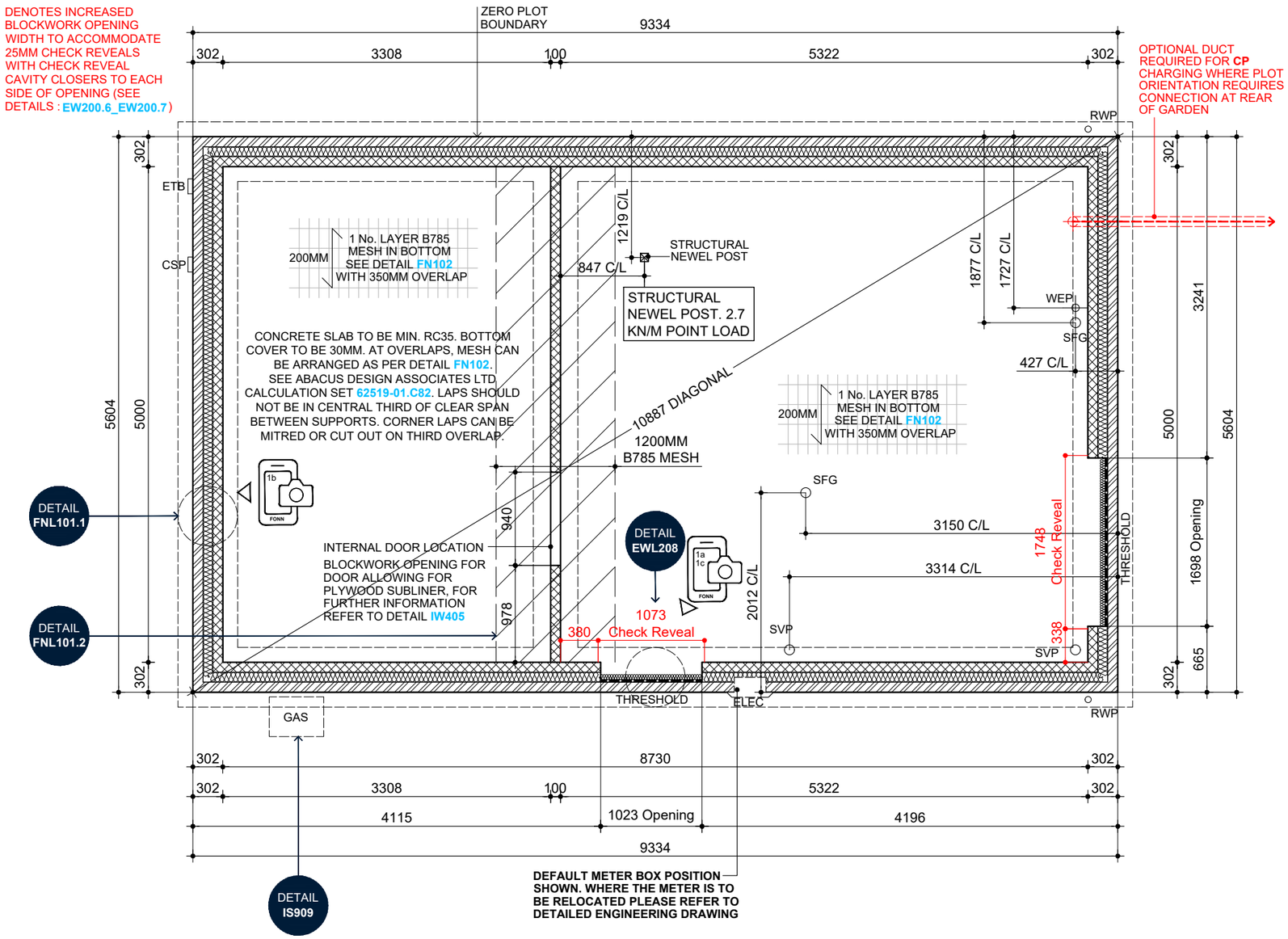
KEY

RWP ○	RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.
DC ○	DIRECT CONNECTION
SFG ○	SEALED FLOOR GULLY
SVP ○	SOIL VENT PIPE
WEP ⊕	WATER ENTRY POINT
ETB ▯	EXTERNAL TERMINATION BOX SEE DETAILS IS905.1 & IS905.2
CSP ▯	CUSTOMER SPLICE POINT BOX SEE DETAILS IS904.1 & IS904.2
ELEC	INDICATIVE ELECTRIC METER BOX LOCATION WITH CAVITY TRAY,WEEPHOLES AND KEYSTONE ANG/K 750 LINTEL OVER. SEE DETAIL IS914
GAS	INDICATIVE GAS METER BOX LOCATION WITH CAVITY TRAY,WEEPHOLES AND KEYSTONE ANG/K 750 LINTEL OVER. SEE DETAIL IS914
	DENOTES CAVITY TO BE FULLY FILLED WITH BLOWN FIBRE MINERAL WOOL OR PARTIAL FILL INSULATION. REFER TO SPECIFICATION FOR TYPE.
	B785 MESH DIRECTION, MAIN BAR FACING DOWN TO RUN PARALLEL WITH THE SPAN. MIN 100mm BEARING ONTO SLEEPER WALLS WITH A MIN OF 350mm OVERLAP AT JOINTS.
	DENOTES 25mm POLYSTYRENE PERIMETER INSULATION BOARD TRAPPED BETWEEN CONCRETE SLAB & EDGE OF EXTERNAL BRICKWORK.
	SLEEPER WALLS TO SUPPORT IN-SITU SUSPENDED SLAB / BEAM AND BLOCK SPAN
	B785 REINFORCEMENT MESH ANTI-CRACKING LOCATION SEE DETAIL FN102
	DENOTES APPROXIMATE LOCATION OF MANTHORPE G965 TELESCOPIC UNDERFLOOR VOID VENTILATOR WITH CAVITY TRAY OVER AT MAX 2000mm C/CS AND WITHIN 450mm OF EACH END OF THE WALL. TO ACHIEVE 8000mm² FREE AIRFLOW.
	DENOTES APPROXIMATE LOCATION OF UNDERFLOOR AIR VENTILATORS AT MAX 2000mm C/CS TO INTERNAL SLEEPER WALLS

RAINWATER PIPE POSITION IS INDICATIVE ONLY. FOR EXACT LOCATION PLEASE REFER TO DETAILED ENGINEERING DRAWING.



SETTING OUT PLAN (SUSPENDED SLAB)

DASHED LINES INDICATE FOUNDATION TO EXTERNAL & INTERNAL WALLS.
REFER TO CONSULTING ENGINEERS DRAWING FOR ACTUAL SIZE & TYPE.
REFER TO CONSTRUCTION SPECIFICATION AND HOUSE TYPE SPECIFIC SAP RATING FOR INSULATION TYPE AND THICKNESS.

PHOTO EVIDENCE REQUIRED FOR PART L COMPLIANCE AS PER PHOTO EVIDENCE GUIDE

STOP & THINK

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REV: 7.1 NOV 2024
LOUNGE DOOR OPENING REVISED IN LINE WITH LATEST STANDARD DETAIL. CHECK REVEAL DIMENSIONS ADDED TO INTERNAL BLOCKWORK. NOTE EW200.6_EW200.7 ADDED.

BLOOR HOMES

NAME: LYFORD
DRAWING: SETTING OUT PLAN (SUSPENDED SLAB)
DRG NO.: NSS.301-1_01
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

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KEY

RWP ○	RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.
DC ○	DIRECT CONNECTION
SFG ○	SEALED FLOOR GULLY
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WEP ⊕	WATER ENTRY POINT
ETB ▯	EXTERNAL TERMINATION BOX SEE DETAILS IS905.1 & IS905.2
CSP ▯	CUSTOMER SPLICE POINT BOX SEE DETAILS IS904.1 & IS904.2
ELEC	INDICATIVE ELECTRIC METER BOX LOCATION WITH CAVITY TRAY,WEEPHOLES AND KEYSTONE ANG/K 750 LINTEL OVER. SEE DETAIL IS914
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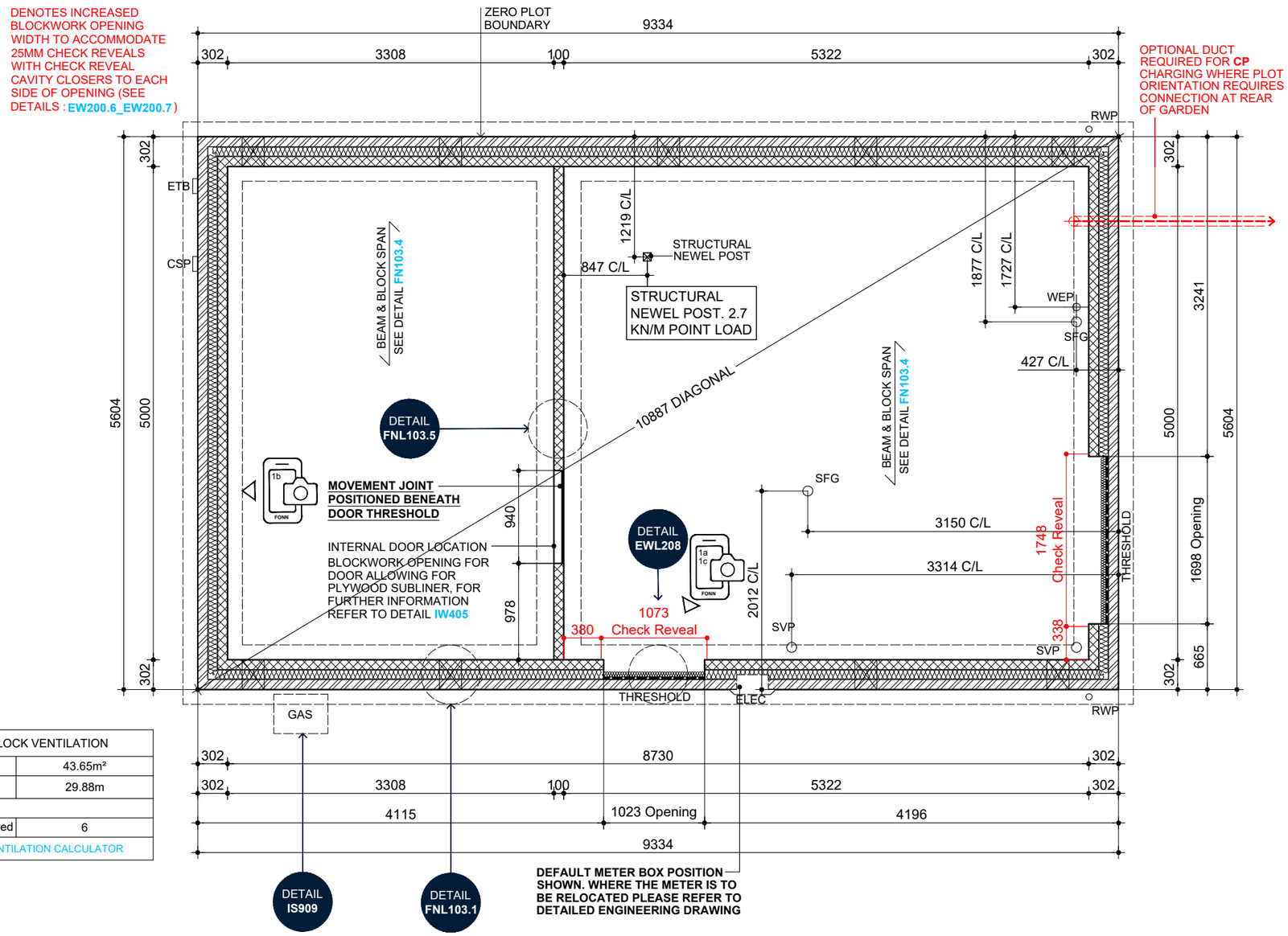
	DENOTES CAVITY TO BE FULLY FILLED WITH BLOWN FIBRE MINERAL WOOL OR PARTIAL FILL INSULATION. REFER TO SPECIFICATION FOR TYPE.
	B785 MESH DIRECTION, MAIN BAR FACING DOWN TO RUN PARALLEL WITH THE SPAN. MIN 100mm BEARING ONTO SLEEPER WALLS WITH A MIN OF 350mm OVERLAP AT JOINTS.
	DENOTES 25mm POLYSTYRENE PERIMETER INSULATION BOARD TRAPPED BETWEEN CONCRETE SLAB & EDGE OF EXTERNAL BRICKWORK.
	SLEEPER WALLS TO SUPPORT IN-SITU SUSPENDED SLAB / BEAM AND BLOCK SPAN
	B785 REINFORCEMENT MESH ANTI-CRACKING LOCATION SEE DETAIL FN102
	DENOTES APPROXIMATE LOCATION OF MANTHORPE G965 TELESCOPIC UNDERFLOOR VOID VENTILATOR WITH CAVITY TRAY OVER AT MAX 2000mm C/CS AND WITHIN 450mm OF EACH END OF THE WALL. TO ACHIEVE 8000mm² FREE AIRFLOW.
	DENOTES APPROXIMATE LOCATION OF UNDERFLOOR AIR VENTILATORS AT MAX 2000mm C/CS TO INTERNAL SLEEPER WALLS

RAINWATER PIPE POSITION IS INDICATIVE ONLY. FOR EXACT LOCATION PLEASE REFER TO DETAILED ENGINEERING DRAWING.



BEAM AND BLOCK VENTILATION	
Total Floor Area	43.65m²
Run of Exterior Wall	29.88m
Minimum Vents Required	6
UNDERFLOOR VENTILATION CALCULATOR	

SETTING OUT PLAN (BEAM AND BLOCK)

DASHED LINES INDICATE FOUNDATION TO EXTERNAL & INTERNAL WALLS.
REFER TO CONSULTING ENGINEERS DRAWING FOR ACTUAL SIZE & TYPE.
REFER TO CONSTRUCTION SPECIFICATION AND HOUSE TYPE
SPECIFIC SAP RATING FOR INSULATION TYPE AND THICKNESS.

PHOTO EVIDENCE REQUIRED FOR PART L COMPLIANCE AS PER PHOTO EVIDENCE GUIDE

STOP & THINK

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REV: 7.2 FEB 2025
AIR BRICK LOCATIONS REVISED TO AVOID CLASH WITH DRAINAGE POSITIONS.

BLOOR HOMES

NAME: LYFORD
DRG NO.: NSS.301-1_01.1
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE
DRAWING: SETTING OUT PLAN (BEAM AND BLOCK)

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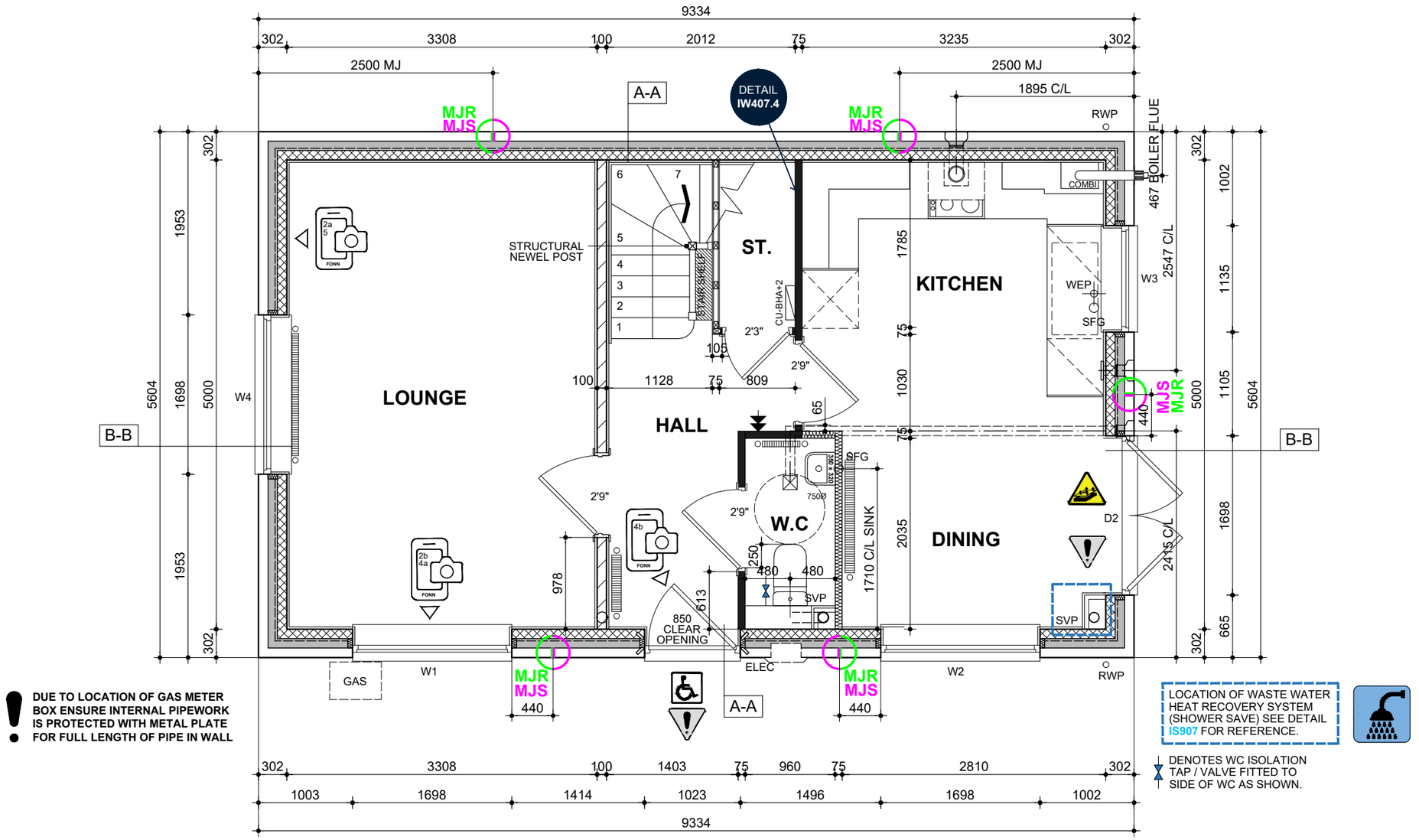

DUE TO LOCATION OF GAS METER BOX ENSURE INTERNAL PIPEWORK IS PROTECTED WITH METAL PLATE FOR FULL LENGTH OF PIPE IN WALL

LOCATION OF WASTE WATER HEAT RECOVERY SYSTEM (SHOWER SAVE) SEE DETAIL IS907 FOR REFERENCE.

DENOTES WC ISOLATION TAP / VALVE FITTED TO SIDE OF WC AS SHOWN.

GROUND FLOOR PLAN

FOR CAVITY WALL CONSTRUCTION REFER TO DETAIL EW200.1 FOR BRICK/STONE. EW200.2 FOR RENDER.

MJB — MOVEMENT JOINT REQUIRED FOR BRICK ELEVATIONS ONLY.

MJR — MOVEMENT JOINT REQUIRED FOR RENDER ELEVATIONS ONLY.

MJS — MOVEMENT JOINT REQUIRED FOR STONE ELEVATIONS ONLY.

PHOTO EVIDENCE REQUIRED FOR PART L COMPLIANCE AS PER PHOTO EVIDENCE GUIDE STOP & THINK

PRINT PAGE

THERMOSTAT.

BOILER. SEE HEATING DESIGN FOR MODEL & ASSOCIATED EQUIPMENT.

HOB EXTRACT TO ADAPT: AIR DOUBLE AIR BRICK AND ADAPTOR (650ø+ air brick 440 x 440 x 215 MIN) FITTED WITH CAVITY TRAY OVER TO EXTEND EITHER SIDE OF AIR BRICK BY 150MM.

WALL MOUNTED EXTRACTOR FAN

CEILING MOUNTED EXTRACTOR FAN

CEILING MOUNTED EXTRACTOR FAN

PART M ACCESS TO FRONT DOOR

TOUGHENED SAFETY GLASS TO DOORS & WINDOWS

7N BLOCKWORK

STRUCTURAL TIMBER STUD PARTITION

REV: 7.1 NOV 2024

W2 INCREASED TO 1698MM FOLLOWING FEEDBACK. KITCHEN EXTRACT FAN POSITION REVISED IN LINE WITH FEEDBACK. HORIZONTAL BOILER DIMENSION ADDED.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1_02

SCALE: 1:50 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

DRAWING: GROUND FLOOR PLAN

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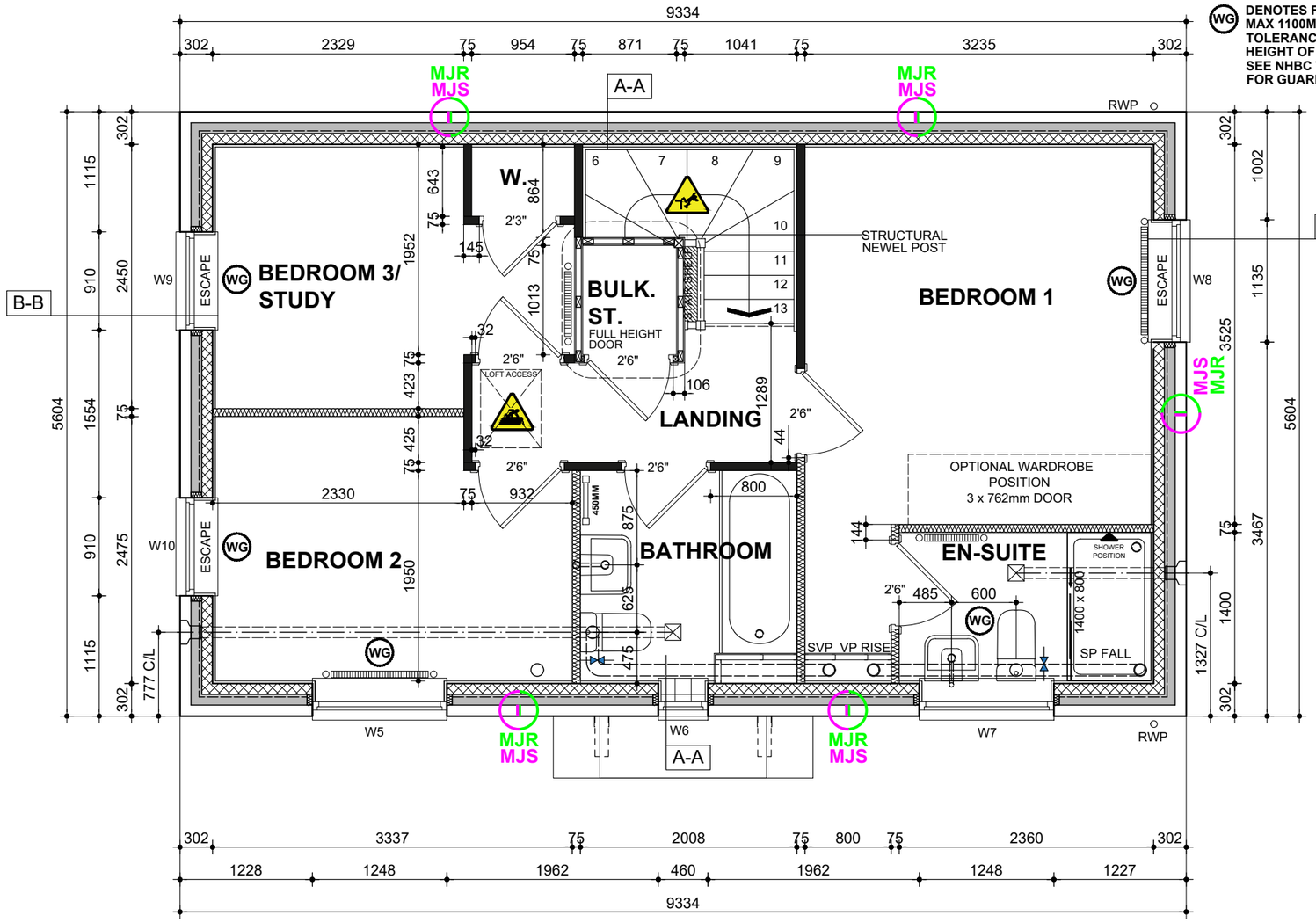

WG DENOTES FIXED GUARDING TO BE AT MAX 1100MM FROM FFFL. A BUILD TOLERANCE ON THE FIXED GUARDING HEIGHT OF +0/-100MM IS ACCEPTABLE. SEE NHBC TECHNICAL GUIDANCE 6.7/20. FOR GUARDING SEE WD712 & WD712.1

DRAINAGE RUNS SHOWN DASHED ARE INDICITAVE SUGGESTED ROUTES. FOR MORE DETAILED INFORMATION REFER TO POLYPIPE INSTALLATION GUIDE

DENOTES WC ISOLATION TAP / VALVE FITTED TO SIDE OF WC AS SHOWN.

FIRST FLOOR PLAN

FOR CAVITY WALL CONSTRUCTION REFER TO DETAIL EW200.1 FOR BRICK/STONE. EW200.2 FOR RENDER.

MJB — MOVEMENT JOINT REQUIRED FOR BRICK ELEVATIONS ONLY.

MJR — MOVEMENT JOINT REQUIRED FOR RENDER ELEVATIONS ONLY.

MJS — MOVEMENT JOINT REQUIRED FOR STONE ELEVATIONS ONLY.

PHOTO EVIDENCE REQUIRED FOR PART L COMPLIANCE AS PER PHOTO EVIDENCE GUIDE

STOP & THINK

PRINT PAGE

THERMOSTAT.

BOILER. SEE HEATING DESIGN FOR MODEL & ASSOCIATED EQUIPMENT.

HOB EXTRACT TO ADAPT-AIR DOUBLE AIR BRICK AND ADAPTOR (650+ air brick colour) FOR 150MM DUCTING WITH CAVITY TRAY OVER TO EXTEND EITHER SIDE OF AIR BRICK BY 150MM.

WALL MOUNTED EXTRACTOR FAN

CEILING MOUNTED EXTRACTOR FAN

CEILING MOUNTED EXTRACTOR FAN

PART M ACCESS TO FRONT DOOR

TOUGHENED SAFETY GLASS TO DOORS & WINDOWS

7N BLOCKWORK

STRUCTURAL TIMBER STUD PARTITION

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK. BED 1 ENSUITE DRAINAGE REVISED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRAWING: FIRST FLOOR PLAN

DRG NO.: NSS.301-1_03

SCALE: 1:50 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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STOP & THINK ! **PV PANELS REQUIRED FOR THIS HOUSETYPE, SHOWN INDICATIVE. THE EXACT LOCATION AND NUMBER WILL BE PLOT SPECIFIC AND DEPENDANT ON THE ORIENTATION. REFER TO PV SITE PLAN.**

☒ SP VENT SEE NOTE

STOP & THINK ! **IF THIS PLOT IS THE LAST PROPERTY AT THE HEAD OF A FOUL DRAINAGE RUN A CONNECTION TO AN AIR TILE VENT IS REQUIRED. IN ALL OTHER SITUATIONS A DURGO IS TO BE USED.**

EXTRACTOR FAN DUCTING TO TERMINATE THROUGH PLASTIC GRILLS.

ALL WINDOWS ON FRONT ELEVATIONS TO HAVE MATCHING CASEMENTS AND REBATES SUFFICIENT TO ACCOMMODATE MINIMUM 24mm O/A SEALED UNITS.

FOR GRP PORCH COMPONENTS PLEASE REFER TO EXALLOT MASTER SCHEDULE.

FOR 2 COURSE STRING SEE DETAIL **ET802**

FOR GRP CHIMNEY SETTING OUT, SEE DETAIL **ET807**

! EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL **EW200.6**

EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL **EW200.1**

FRONT DOOR REF:**DS3/1023** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL **WD700**

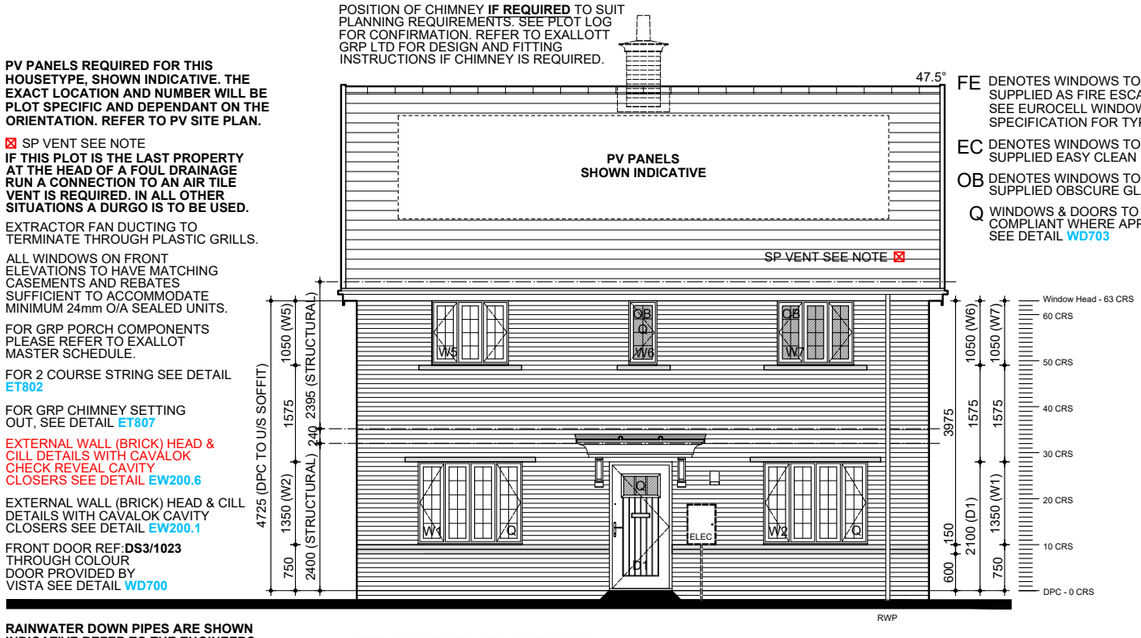
! **RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.**

FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL **IS906**

GRP PORCH CANOPY RAISED ONE COURSE ABOVE DOOR HEAD SEE DETAIL **ET809.1**

CP **DENOTES WALL MOUNTED CAR CHARGING POINT. REFER TO ENGINEERS DRAWING FOR EXACT LOCATION. ONE CHARGE POINT PER DWELLING ONLY.** !

POSITION OF CHIMNEY **IF REQUIRED** TO SUIT PLANNING REQUIREMENTS. SEE PLOT LOG FOR CONFIRMATION. REFER TO EXALLOTT GRP LTD FOR DESIGN AND FITTING INSTRUCTIONS IF CHIMNEY IS REQUIRED.



FRONT ELEVATION

NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

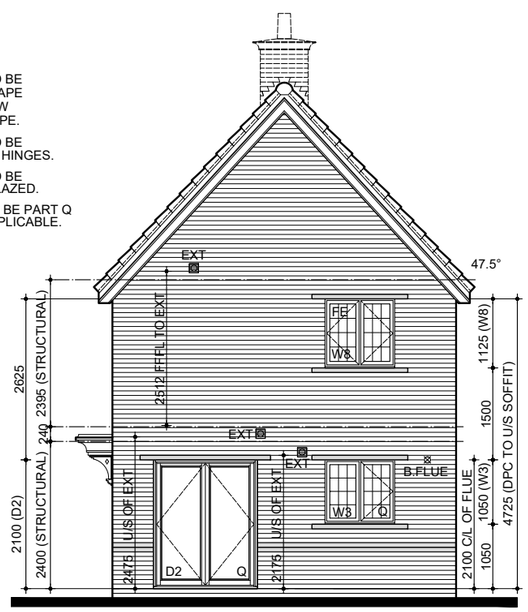
STOP & THINK ! **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**

FE DENOTES WINDOWS TO BE SUPPLIED AS FIRE ESCAPE SEE EUROCELL WINDOW SPECIFICATION FOR TYPE.

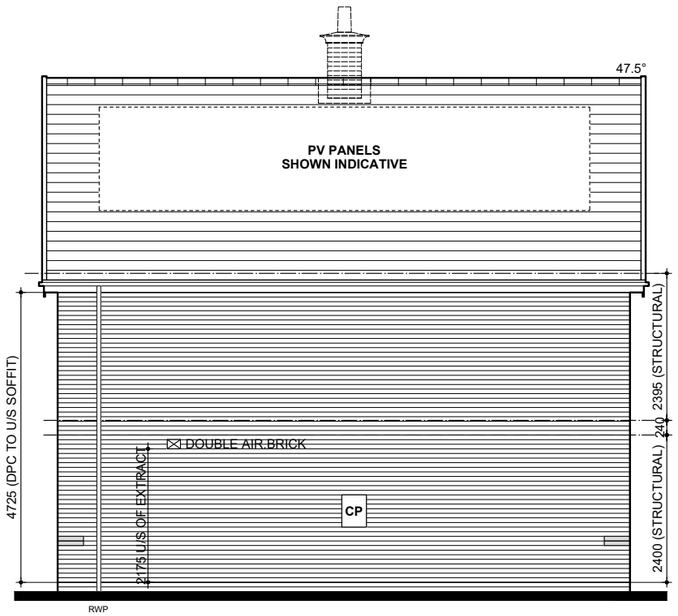
EC DENOTES WINDOWS TO BE SUPPLIED EASY CLEAN HINGES.

OB DENOTES WINDOWS TO BE SUPPLIED OBSCURE GLAZED.

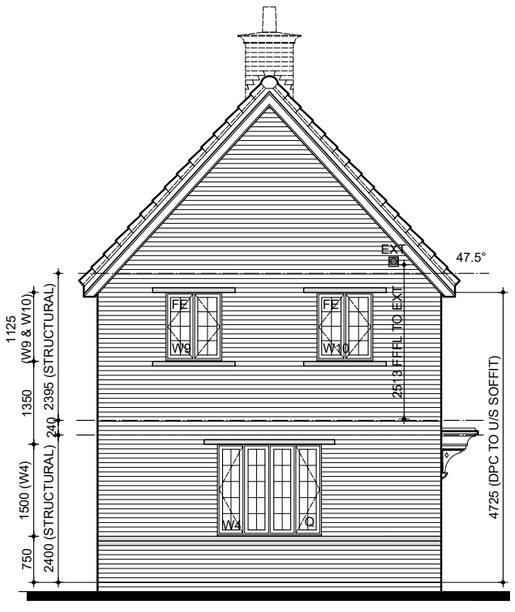
Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL **WD703**



REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRAWING: CLA BRICK ELEVATIONS

DRG NO.: NSS.301-1-1_04

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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☒ SP VENT SEE NOTE

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EXTRACTOR FAN DUCTING TO TERMINATE THROUGH PLASTIC GRILLS.

ALL WINDOWS ON FRONT ELEVATIONS TO HAVE MATCHING CASEMENTS AND REBATES SUFFICIENT TO ACCOMMODATE MINIMUM 24mm O/A SEALED UNITS.

FOR GRP PORCH COMPONENTS PLEASE REFER TO EXALLOT MASTER SCHEDULE.

FOR 2 COURSE STRING SEE DETAIL ET802

FOR GRP CHIMNEY SETTING OUT, SEE DETAIL ET807

! EXTERNAL WALL (RENDER) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.7

! EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.6

EXTERNAL WALL (RENDER) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.2

EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.1

FRONT DOOR REF:**DS3/1023** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL WD700

! **RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.**

FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL IS906

GRP PORCH CANOPY RAISED ONE COURSE ABOVE DOOR HEAD SEE DETAIL ET809.1

CP **DENOTES WALL MOUNTED CAR CHARGING POINT. REFER TO ENGINEERS DRAWING FOR EXACT LOCATION. ONE CHARGE POINT PER DWELLING ONLY.** !

POSITION OF CHIMNEY **IF REQUIRED** TO SUIT PLANNING REQUIREMENTS. SEE PLOT LOG FOR CONFIRMATION. REFER TO EXALLOTT GRP LTD FOR DESIGN AND FITTING INSTRUCTIONS IF CHIMNEY IS REQUIRED.

FOR ROUGHCAST MONOCOUCHE RENDER SEE DETAIL ET804.1

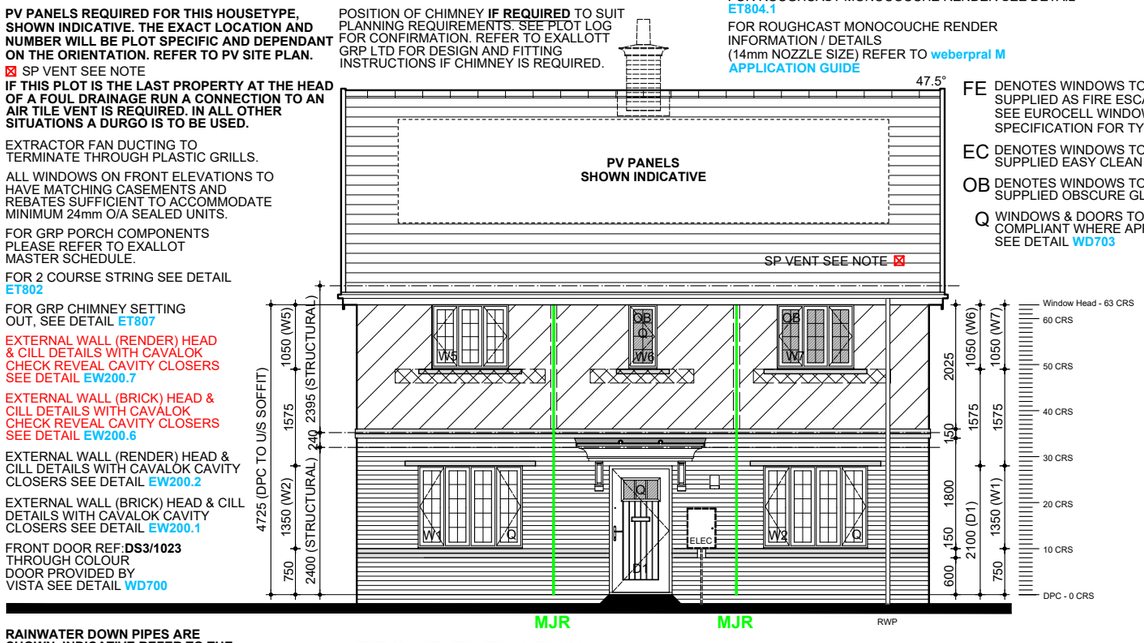
FOR ROUGHCAST MONOCOUCHE RENDER INFORMATION / DETAILS (14mm NOZZLE SIZE) REFER TO weberpral M APPLICATION GUIDE

FE DENOTES WINDOWS TO BE SUPPLIED AS FIRE ESCAPE SEE EUROCELL WINDOW SPECIFICATION FOR TYPE.

EC DENOTES WINDOWS TO BE SUPPLIED EASY CLEAN HINGES.

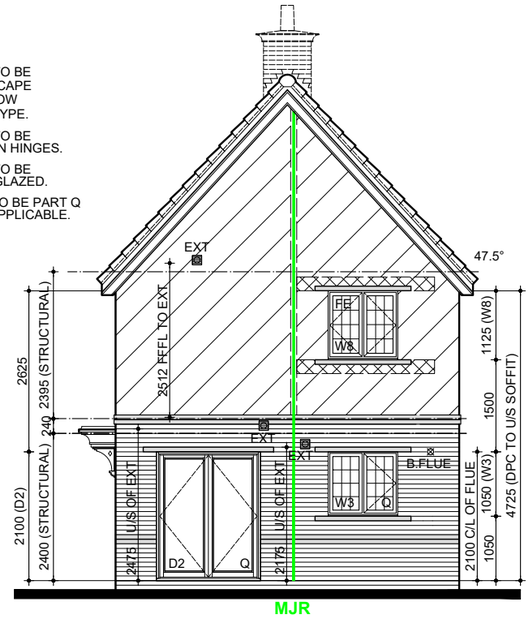
OB DENOTES WINDOWS TO BE SUPPLIED OBSCURE GLAZED.

Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL WD703



FRONT ELEVATION

NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.



REAR ELEVATION

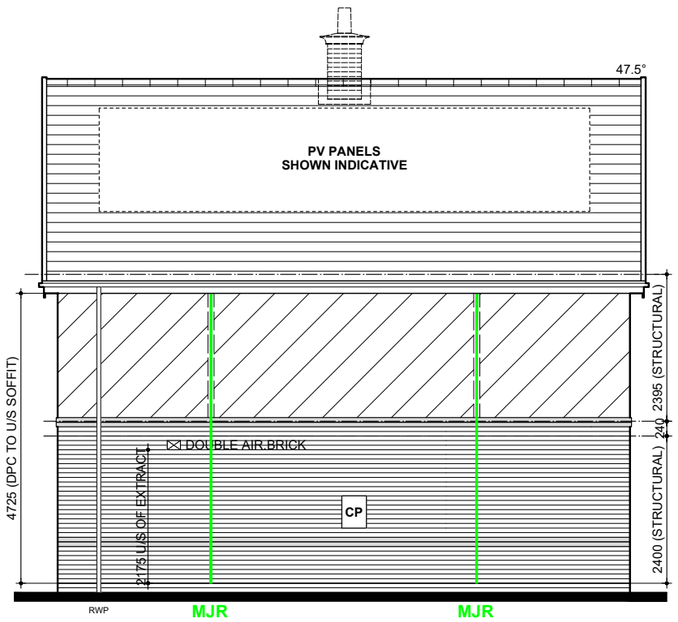
STOP & THINK **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**

HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 225mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1

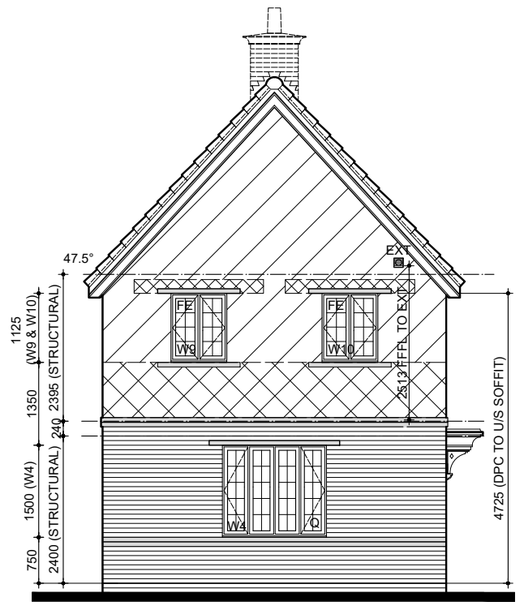
HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 450mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1

BRICKFORCE BJR @ 225mm CENTRES FOR TWO COURSES ABOVE AND / OR BELOW OPENINGS. BJR TO EXTEND 600mm FROM EDGE OF OPENING

MJR MOVEMENT JOINT REQUIRED FOR RENDER ELEVATIONS ONLY.



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1_05

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

DRAWING: CLA RENDER ELEVATIONS

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☒ SP VENT SEE NOTE

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ALL WINDOWS ON FRONT ELEVATIONS TO HAVE MATCHING CASEMENTS AND REBATES SUFFICIENT TO ACCOMMODATE MINIMUM 24mm O/A SEALED UNITS.

FOR GRP PORCH COMPONENTS PLEASE REFER TO EXALLOT MASTER SCHEDULE.

FOR GRP CHIMNEY SETTING OUT, SEE DETAIL ET807

! EXTERNAL WALL (STONE) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.6

EXTERNAL WALL (STONE) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.1

FRONT DOOR REF:**DS3/1023** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL WD700

! **RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.**

FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL IS906

GRP PORCH CANOPY RAISED ONE COURSE ABOVE DOOR HEAD SEE DETAIL ET809.1

CP **DENOTES WALL MOUNTED CAR CHARGING POINT. REFER TO ENGINEERS DRAWING FOR EXACT LOCATION. ONE CHARGE POINT PER DWELLING ONLY.** !

MJS MOVEMENT JOINT REQUIRED FOR STONE ELEVATIONS ONLY.

POSITION OF CHIMNEY **IF REQUIRED** TO SUIT PLANNING REQUIREMENTS. SEE PLOT LOG FOR CONFIRMATION. REFER TO EXALLOTT GRP LTD FOR DESIGN AND FITTING INSTRUCTIONS IF CHIMNEY IS REQUIRED.

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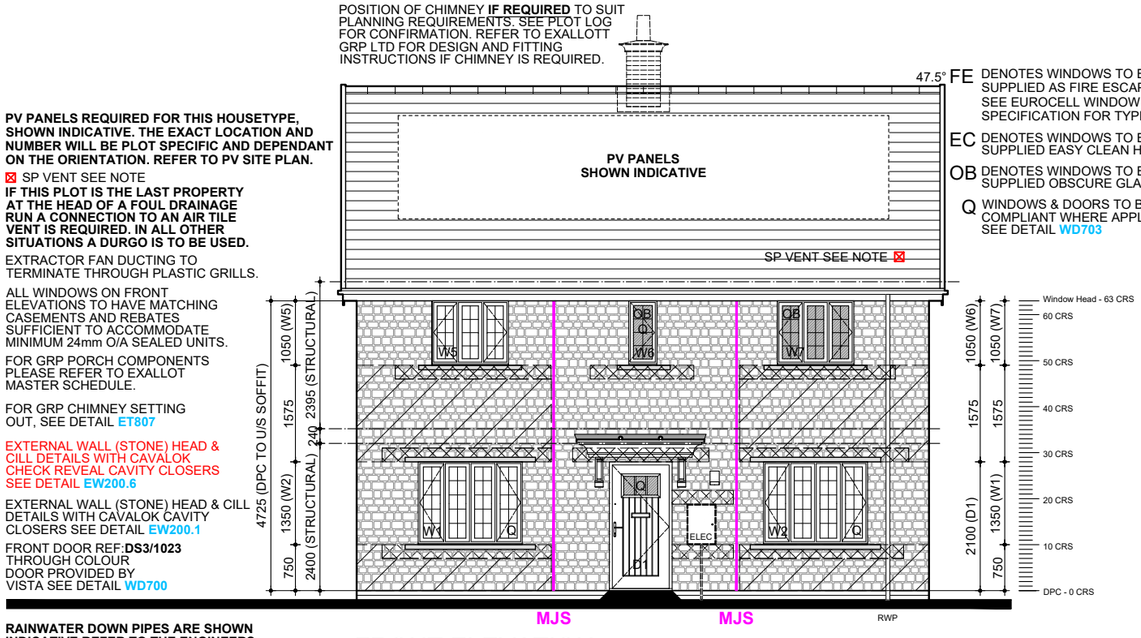
OB DENOTES WINDOWS TO BE SUPPLIED OBSCURE GLAZED.

Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL WD703



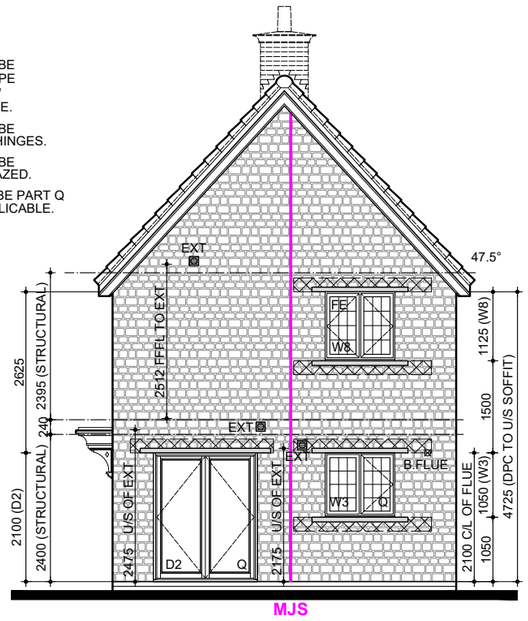
FRONT ELEVATION

NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

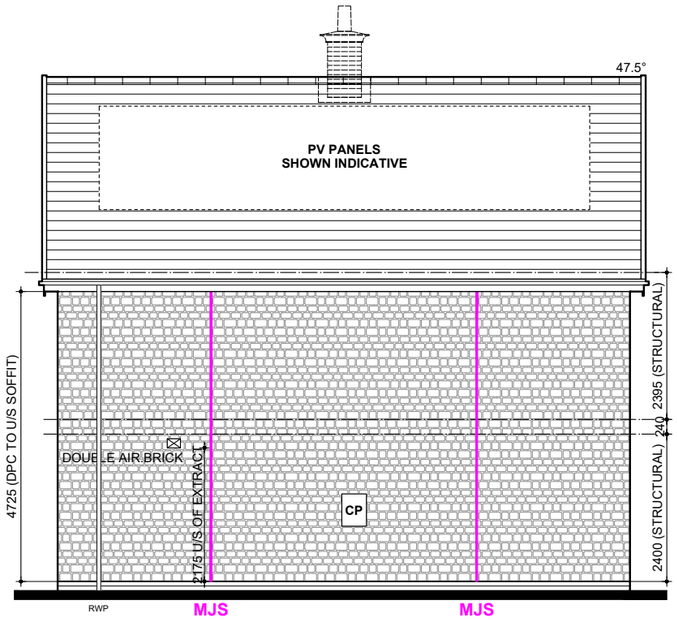
STOP & THINK ! **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**

HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 225mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.2. **BED JOINT REINFORCEMENT REQUIRED UNLESS STONE MANUFACTURER CONFIRMS OTHERWISE.**

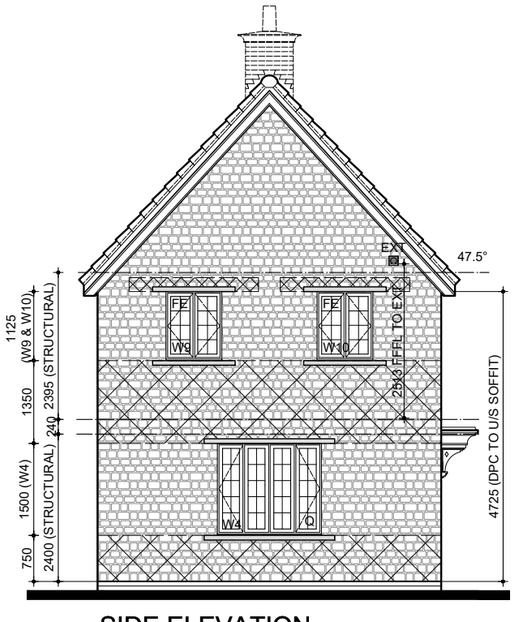
HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 450mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.2. **BED JOINT REINFORCEMENT REQUIRED UNLESS STONE MANUFACTURER CONFIRMS OTHERWISE.**



REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

BRICKFORCE BJR @ 225mm CENTRES FOR TWO COURSES ABOVE AND / OR BELOW OPENINGS. BJR TO EXTEND 600mm FROM EDGE OF OPENING

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PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1-1_06

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

DRAWING: CLA STONE ELEVATIONS

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EXTERNAL WALL (QUEEN ANNE) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.8

QUEEN ANNE EXTERNAL WALL STONE HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.5

EXPANSION JOINTS IN MASONRY SEE DETAIL EW201

FOR GRP CHIMNEY SETTING OUT, SEE DETAIL ET807

FOR GRP PORCH COMPONENTS PLEASE REFER TO EXALLOT MASTER SCHEDULE.

GRP PORCH CANOPY RAISED ONE COURSE ABOVE DOOR HEAD SEE DETAIL ET809.1

FRONT DOOR REF: **QAD1/1023** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL WD700

FOR 1 AND 2 COURSE CONTRASTING STRING AT GROUND AND FIRST FLOOR WINDOW SILL LEVEL SEE DETAIL ET802

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FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL IS906

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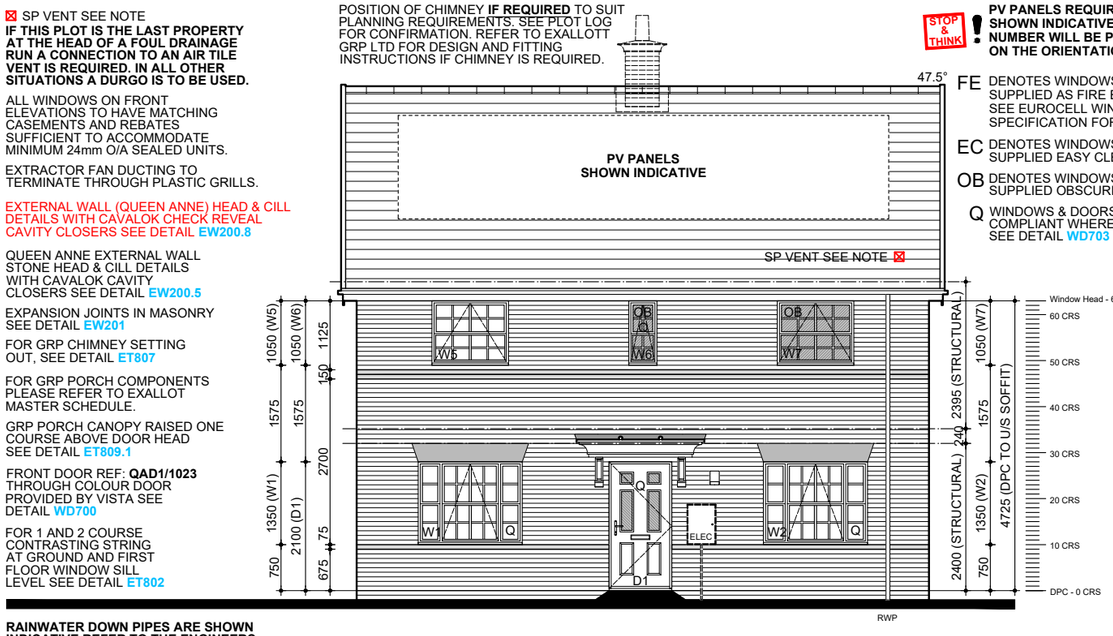

FRONT ELEVATION

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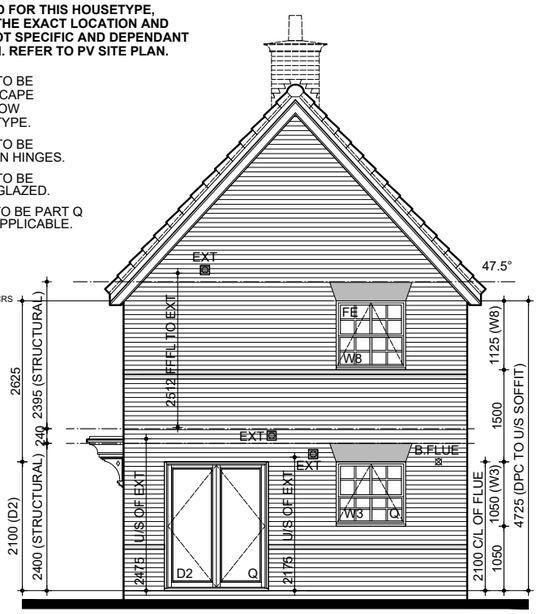
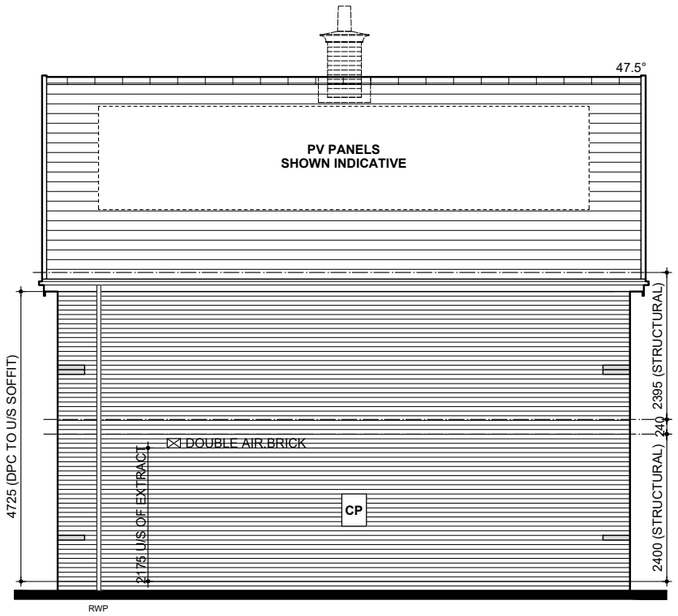
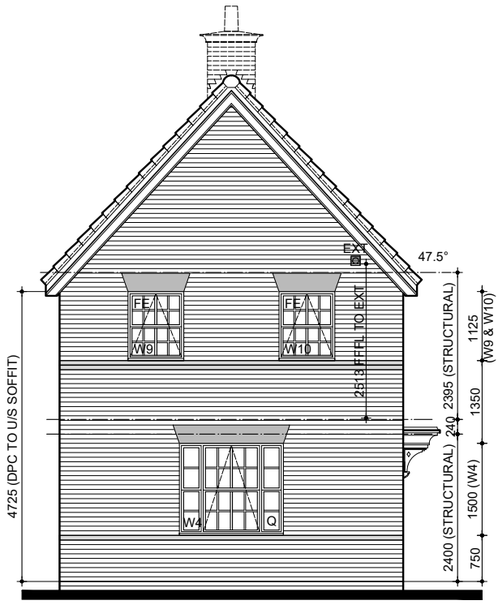


REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRAWING: QA BRICK ELEVATIONS

DRG NO.: NSS.301-1-1_07

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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MJR | MOVEMENT JOINT REQUIRED FOR RENDER ELEVATIONS ONLY.

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FOR ROUGHCAST MONOCOUCHE RENDER SEE DETAIL ET804.1

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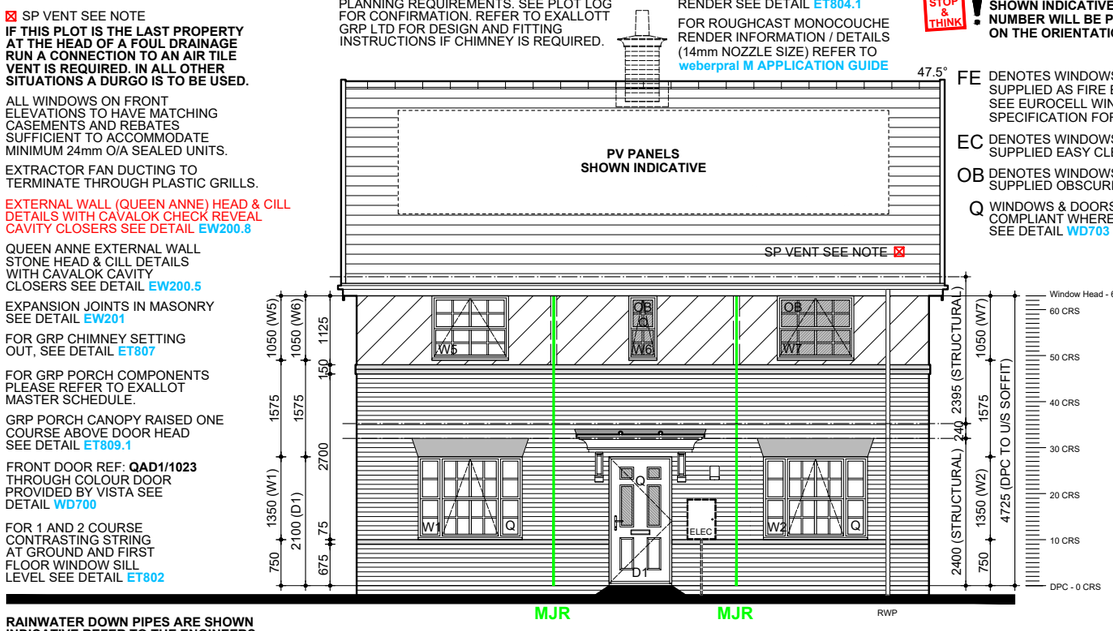
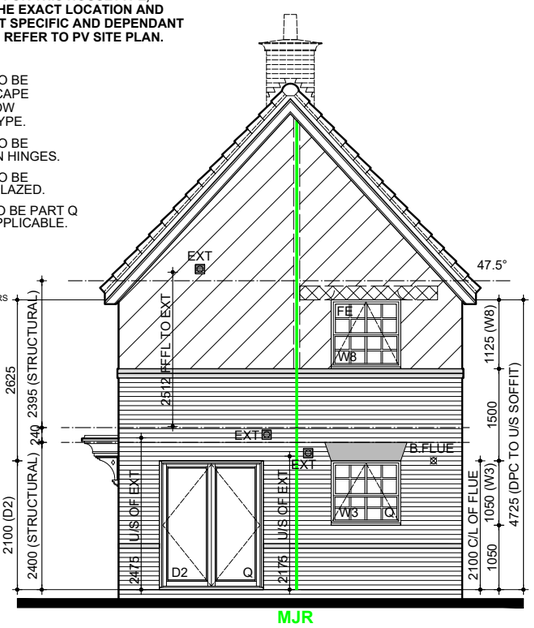


FRONT ELEVATION

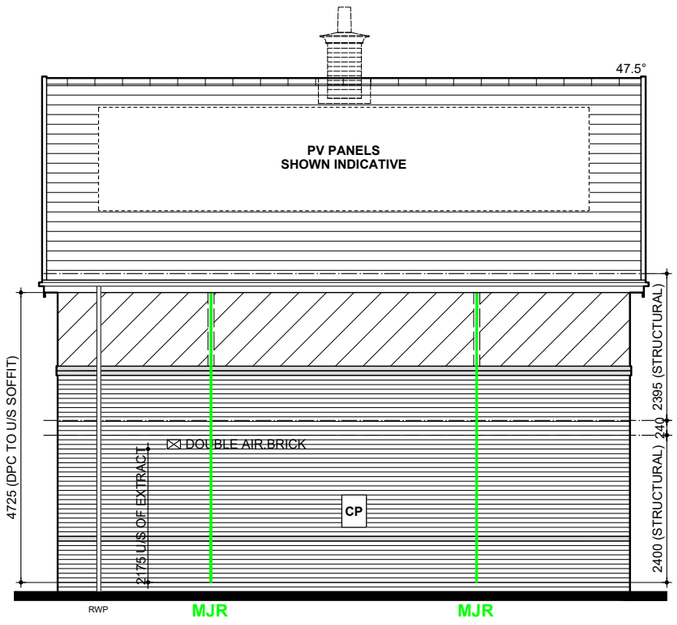
NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

STOP & THINK ! **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**

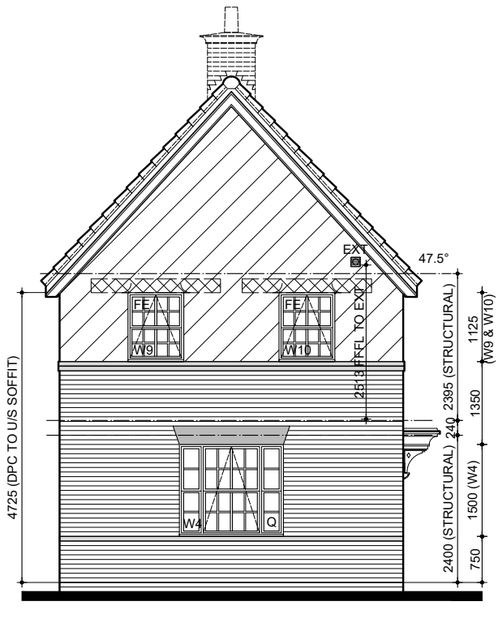
HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 450mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1



REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1_08

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

DRAWING: QA RENDER ELEVATIONS

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ALL WINDOWS ON FRONT ELEVATIONS TO HAVE MATCHING CASEMENTS AND REBATES SUFFICIENT TO ACCOMMODATE MINIMUM 24mm O/A SEALED UNITS.

EXTRACTOR FAN DUCTING TO TERMINATE THROUGH PLASTIC GRILLS.

EXPANSION JOINTS IN MASONRY SEE DETAIL EW201

BOARDING: FOR SETTING OUT REFER TO INDIVIDUAL ELEVATIONS, ALSO SEE DETAIL ET812.1/ET812.2

JAMES HARDIE 'HARDIEPLANK' CLADDING SHOWN FOR FURTHER INFORMATION REFER TO MANUFACTURERS PRODUCT INFORMATION AND INSTALLATION LITERATURE AT INSTALLATION GUIDE

GRP FLAT ROOF CANOPY SEE MANUFACTURERS DETAILS FOR INSTALLATION. NO LEAD FLASHING REQUIRED.

FOR 1 COURSE CONTRASTING STRING AT GROUND FLOOR WINDOW HEAD SEE DETAIL ET802

! EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.6

EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.1

FRONT DOOR REF: **CLD1/1023** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL WD700

! **RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.**

FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL IS906

CP **DENOTES WALL MOUNTED CAR CHARGING POINT. REFER TO ENGINEERS DRAWING FOR EXACT LOCATION. ONE CHARGE POINT PER DWELLING ONLY.** !

STOP & THINK ! **PV PANELS REQUIRED FOR THIS HOUSETYPE, SHOWN INDICATIVE. THE EXACT LOCATION AND NUMBER WILL BE PLOT SPECIFIC AND DEPENDANT ON THE ORIENTATION. REFER TO PV SITE PLAN.**

STOP & THINK ! **IF THIS PLOT IS THE LAST PROPERTY AT THE HEAD OF A FOUL DRAINAGE RUN A CONNECTION TO AN AIR TILE VENT IS REQUIRED. IN ALL OTHER SITUATIONS A DURGO IS TO BE USED.**

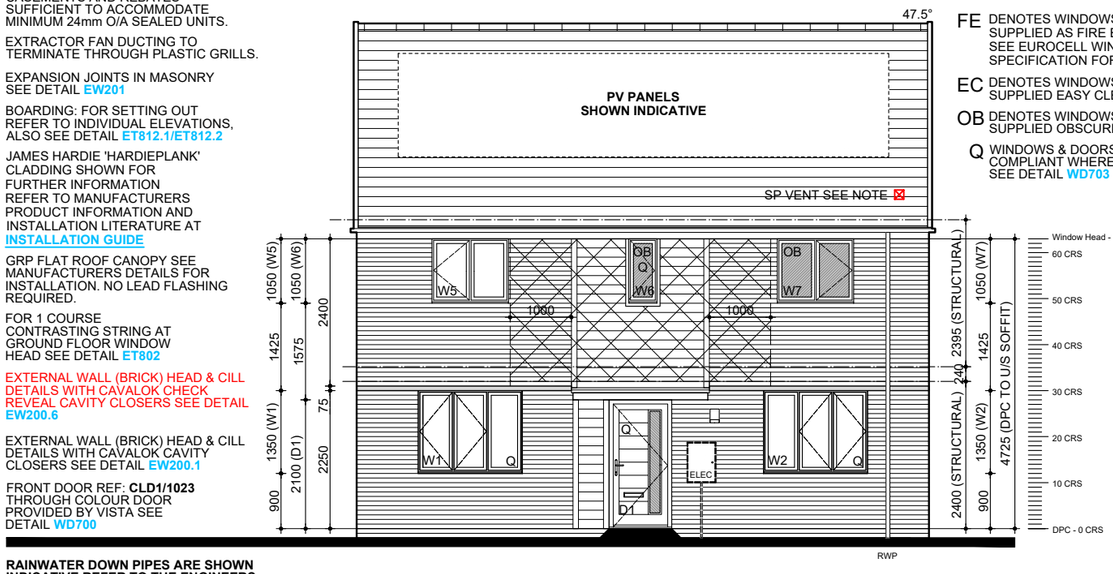
⊠ SP VENT SEE NOTE

FE DENOTES WINDOWS TO BE SUPPLIED AS FIRE ESCAPE SEE EUROCELL WINDOW SPECIFICATION FOR TYPE.

EC DENOTES WINDOWS TO BE SUPPLIED EASY CLEAN HINGES.

OB DENOTES WINDOWS TO BE SUPPLIED OBSCURE GLAZED.

Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL WD703

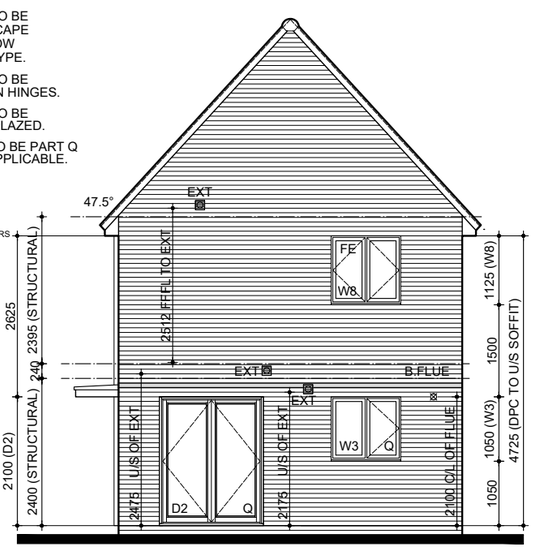


FRONT ELEVATION

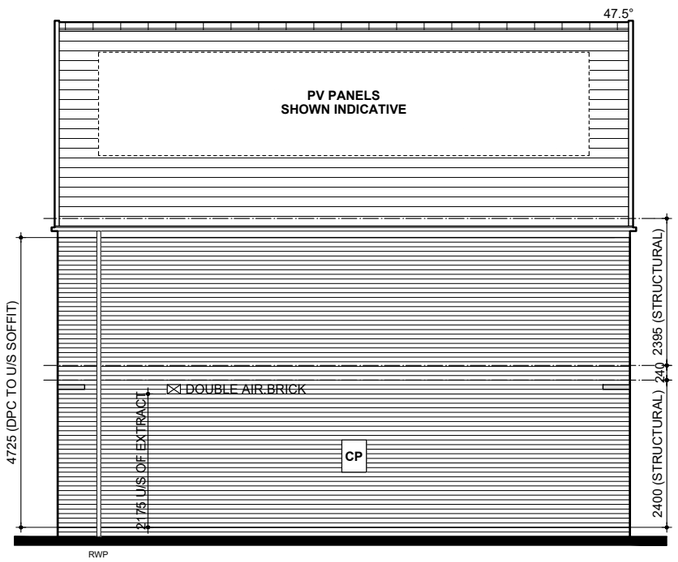
NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

STOP & THINK ! **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**

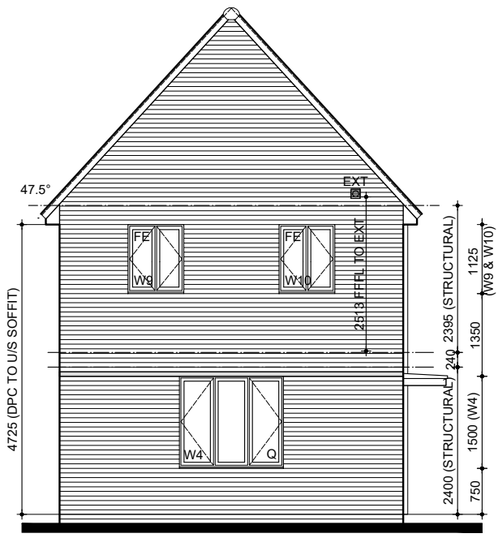
HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 225mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1



REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRAWING: CL BRICK ELEVATIONS

DRG NO.: NSS.301-1_09

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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ALL WINDOWS ON FRONT ELEVATIONS TO HAVE MATCHING CASEMENTS AND REBATES SUFFICIENT TO ACCOMMODATE MINIMUM 24mm O/A SEALED UNITS.

EXTRACTOR FAN DUCTING TO TERMINATE THROUGH PLASTIC GRILLS.

BOARDING: FOR SETTING OUT REFER TO INDIVIDUAL ELEVATIONS, ALSO SEE DETAIL ET812.1/ET812.2

JAMES HARDIE 'HARDIEPLANK' CLADDING SHOWN FOR FURTHER INFORMATION REFER TO MANUFACTURERS PRODUCT INFORMATION AND INSTALLATION LITERATURE AT INSTALLATION GUIDE

GRP FLAT ROOF CANOPY SEE MANUFACTURERS DETAILS FOR INSTALLATION. NO LEAD FLASHING REQUIRED.

FOR 1 COURSE CONTRASTING STRING AT GROUND FLOOR WINDOW HEAD SEE DETAIL ET802

GRP PORCH CANOPY RAISED ONE COURSE ABOVE DOOR HEAD SEE DETAIL ET809.1

! EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.6

EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.1

FRONT DOOR REF: **CLD1/1023** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL WD700

! **RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.**

FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL IS906

STOP & THINK ! **PV PANELS REQUIRED FOR THIS HOUSETYPE, SHOWN INDICATIVE. THE EXACT LOCATION AND NUMBER WILL BE PLOT SPECIFIC AND DEPENDANT ON THE ORIENTATION. REFER TO PV SITE PLAN.**

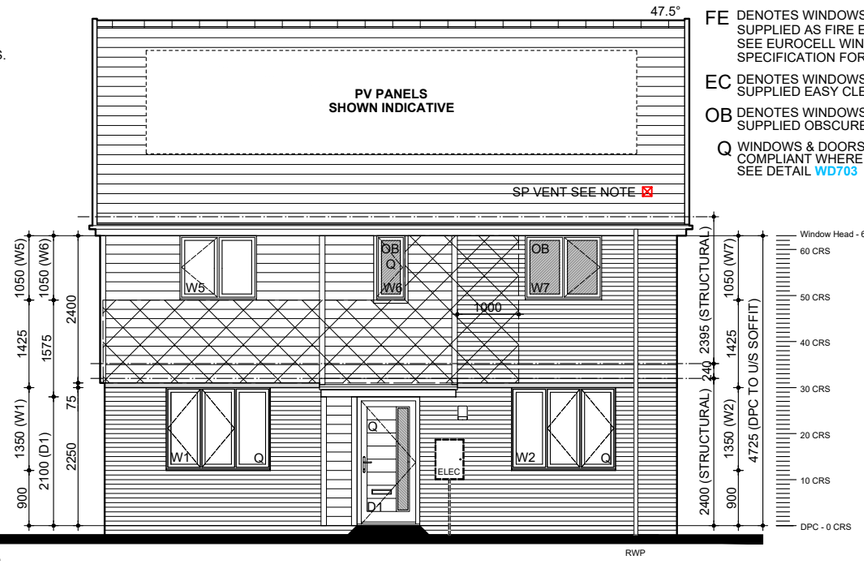
STOP & THINK ! ☒ SP VENT SEE NOTE **IF THIS PLOT IS THE LAST PROPERTY AT THE HEAD OF A FOUL DRAINAGE RUN A CONNECTION TO AN AIR TILE VENT IS REQUIRED. IN ALL OTHER SITUATIONS A DURGO IS TO BE USED.**

FE DENOTES WINDOWS TO BE SUPPLIED AS FIRE ESCAPE SEE EUROCELL WINDOW SPECIFICATION FOR TYPE.

EC DENOTES WINDOWS TO BE SUPPLIED EASY CLEAN HINGES.

OB DENOTES WINDOWS TO BE SUPPLIED OBSCURE GLAZED.

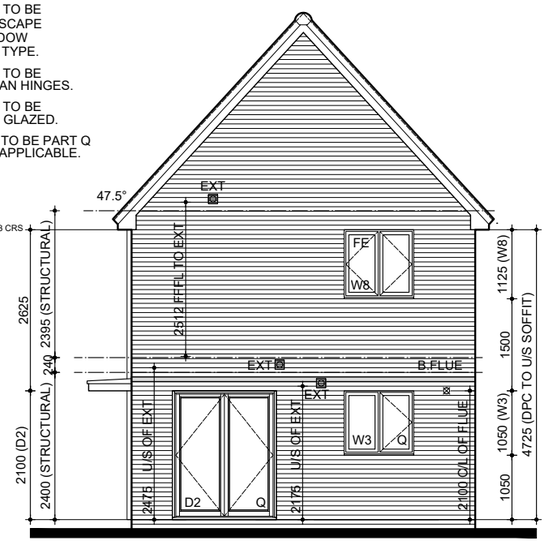
Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL WD703



FRONT ELEVATION

NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

STOP & THINK ! **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**



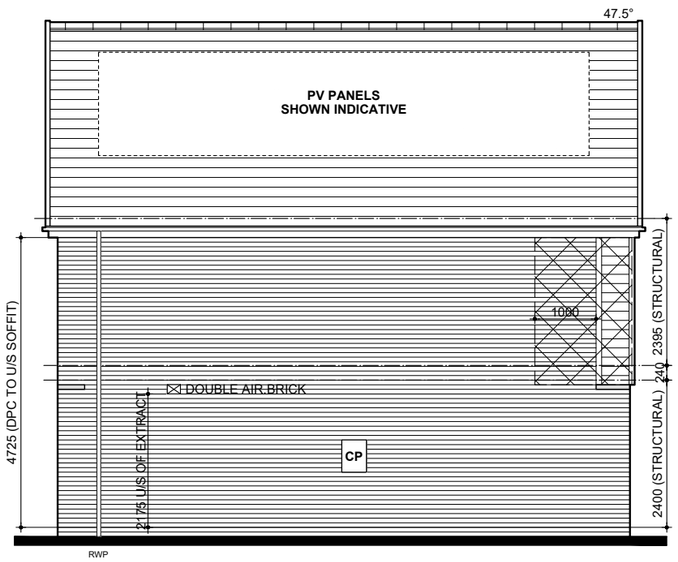
REAR ELEVATION

CP **DENOTES WALL MOUNTED CAR CHARGING POINT. REFER TO ENGINEERS DRAWING FOR EXACT LOCATION. ONE CHARGE POINT PER DWELLING ONLY.** !

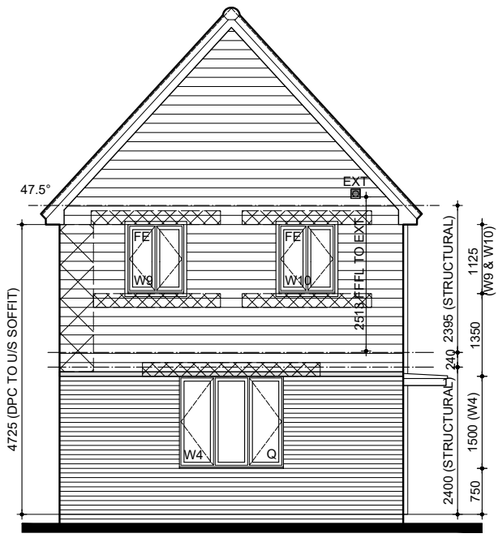
HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 225mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1

HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 450mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1

BRICKFORCE BJR @ 225mm CENTRES FOR TWO COURSES ABOVE AND / OR BELOW OPENINGS. BJR TO EXTEND 600mm FROM EDGE OF OPENING



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1-1_10

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

DRAWING: CL BOARDED ELEVATIONS

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ALL WINDOWS ON FRONT ELEVATIONS TO HAVE MATCHING CASEMENTS AND REBATES SUFFICIENT TO ACCOMMODATE MINIMUM 24mm O/A SEALED UNITS.

EXTRACTOR FAN DUCTING TO TERMINATE THROUGH PLASTIC GRILLS.

BOARDING: FOR SETTING OUT REFER TO INDIVIDUAL ELEVATIONS, ALSO SEE DETAIL ET812.1/ET812.2

JAMES HARDIE 'HARDIEPLANK' CLADDING SHOWN FOR FURTHER INFORMATION REFER TO MANUFACTURERS PRODUCT INFORMATION AND INSTALLATION LITERATURE AT INSTALLATION GUIDE

GRP FLAT ROOF CANOPY SEE MANUFACTURERS DETAILS FOR INSTALLATION. NO LEAD FLASHING REQUIRED.

FOR 1 COURSE CONTRASTING STRING AT GROUND FLOOR WINDOW HEAD SEE DETAIL ET802

GRP PORCH CANOPY RAISED ONE COURSE ABOVE DOOR HEAD SEE DETAIL ET809.1

! EXTERNAL WALL (RENDER) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.7

! EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CHECK REVEAL CAVITY CLOSERS SEE DETAIL EW200.6

EXTERNAL WALL (RENDER) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.2

EXTERNAL WALL (BRICK) HEAD & CILL DETAILS WITH CAVALOK CAVITY CLOSERS SEE DETAIL EW200.1

FRONT DOOR REF: **CLD1/932** THROUGH COLOUR DOOR PROVIDED BY VISTA SEE DETAIL WD700

! **RAINWATER DOWN PIPES ARE SHOWN INDICATIVE REFER TO THE ENGINEERS DRAWING FOR EXACT LOCATION.**

FOR EXTERNAL WALL LIGHT LOCATION SEE DETAIL IS906

MJR — MOVEMENT JOINT REQUIRED FOR RENDER ELEVATIONS ONLY.

CP — **DENOTES WALL MOUNTED CAR CHARGING POINT. REFER TO ENGINEERS DRAWING FOR EXACT LOCATION. ONE CHARGE POINT PER DWELLING ONLY.** !

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☒ SP VENT SEE NOTE

FOR ROUGHCAST MONOCOUCHE RENDER SEE DETAIL ET804.1

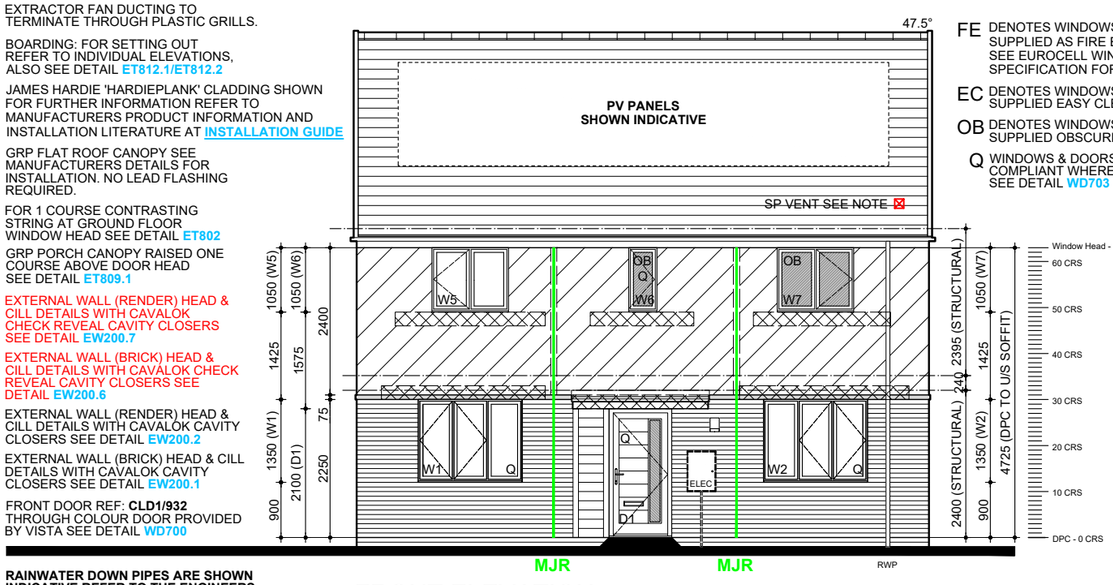
FOR ROUGHCAST MONOCOUCHE RENDER INFORMATION / DETAILS (14mm NOZZLE SIZE) REFER TO weberpral M APPLICATION GUIDE

FE DENOTES WINDOWS TO BE SUPPLIED AS FIRE ESCAPE SEE EUROCELL WINDOW SPECIFICATION FOR TYPE.

EC DENOTES WINDOWS TO BE SUPPLIED EASY CLEAN HINGES.

OB DENOTES WINDOWS TO BE SUPPLIED OBSCURE GLAZED.

Q WINDOWS & DOORS TO BE PART Q COMPLIANT WHERE APPLICABLE. SEE DETAIL WD703



FRONT ELEVATION

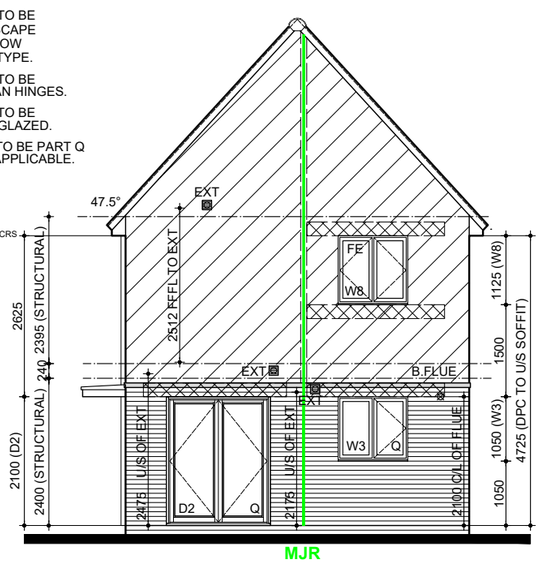
NOTE: W1 & W2 ARE 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

STOP & THINK ! **DEFAULT METER BOX POSITION SHOWN. WHERE THE METER IS TO BE RELOCATED PLEASE REFER TO DETAILED ENGINEERING DRAWING.**

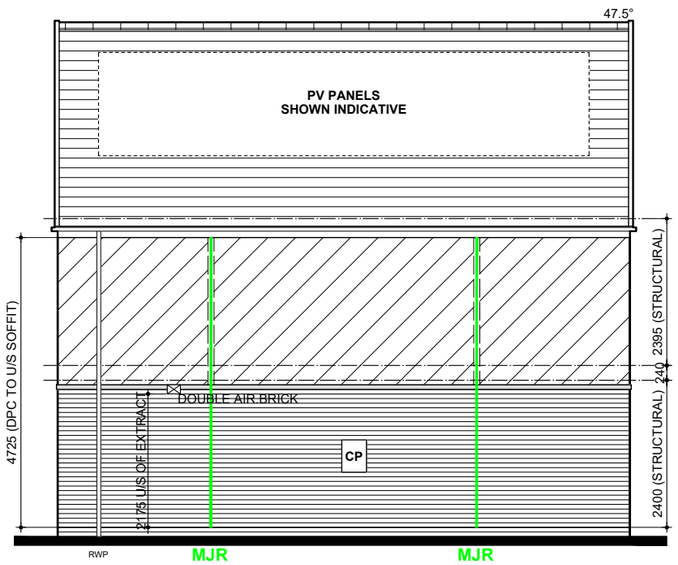
HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 225mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1

HATCH DENOTES BRICKFORCE BED JOINT REINFORCEMENT AT 450mm CENTRES. FOR INFORMATION AROUND OPENINGS - SEE DETAIL ET804.1

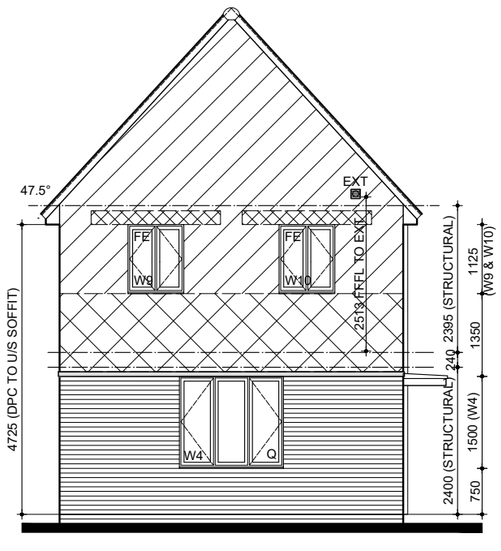
BRICKFORCE BJR @ 225mm CENTRES FOR TWO COURSES ABOVE AND / OR BELOW OPENINGS. BJR TO EXTEND 600mm FROM EDGE OF OPENING



REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

NOTE: W4 IS 2 COURSES HIGHER, THAN STANDARD DPC TO GROUND FLOOR WINDOW HEAD.

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRAWING: CL RENDER ELEVATIONS

DRG NO.: NSS.301-1-1_11

SCALE: 1:100 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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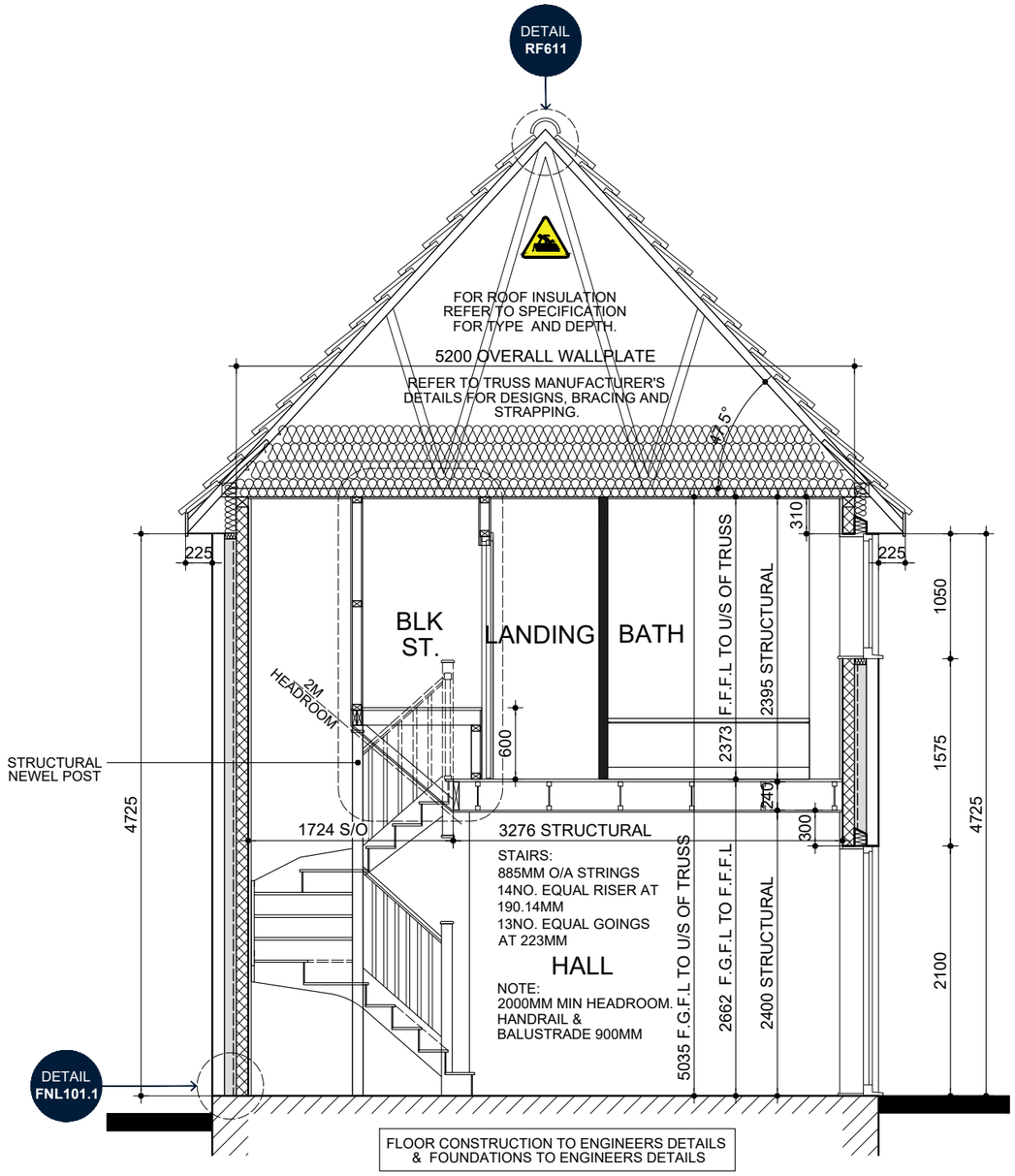
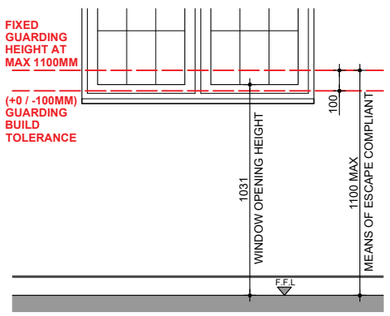


SECTION A-A



PART O - FIXED WINDOW GUARDING (1:30)

PRINT PAGE

REV: 7 JUNE 2024

BATHROOM WINDOW HEIGHT REDUCED TO 1050MM

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1_12
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

DRAWING: SECTION A-A

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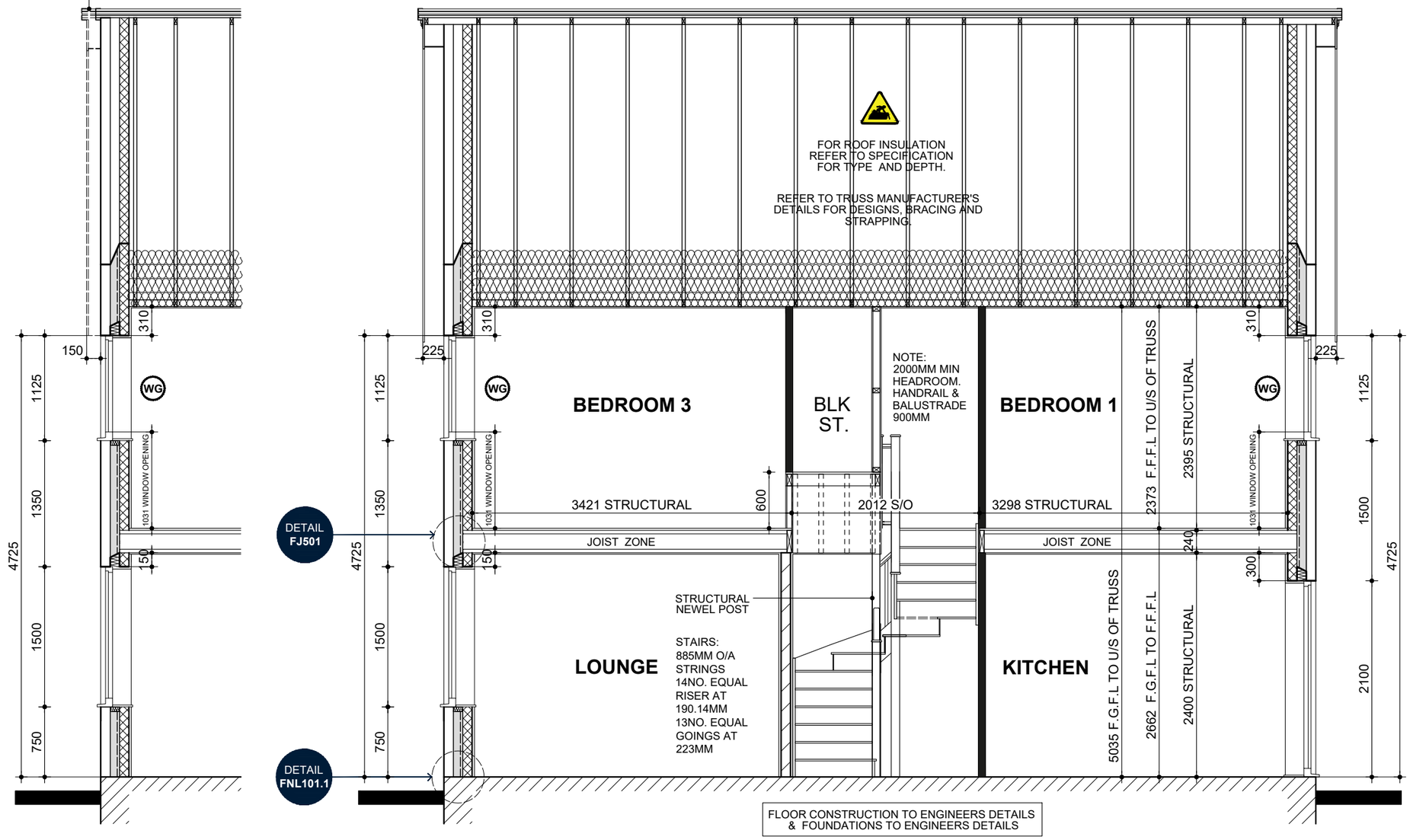
150MM BARGE BOARD PROJECTION SHOWN DASHED FOR BOARDED ELEVATIONS ONLY.

WG **DENOTES FIXED GUARDING TO BE AT MAX 1100MM FROM FFFL. A BUILD TOLERANCE ON THE FIXED GUARDING HEIGHT OF +0/-100MM IS ACCEPTABLE. SEE NHBC TECHNICAL GUIDANCE 6.7/20. FOR GUARDING SEE WD712 & WD712.1**

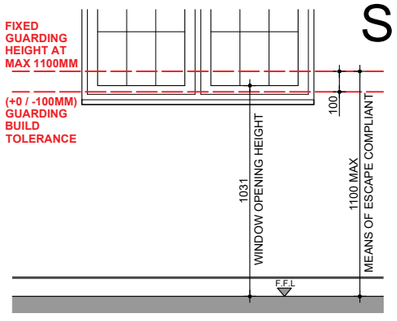
TO REDUCE THERMAL BRIDGING INSULATION AT EAVES LEVEL SHOULD BE CONTINUOUS WITH WALL INSULATION



FLOOR CONSTRUCTION TO ENGINEERS DETAILS & FOUNDATIONS TO ENGINEERS DETAILS

CL SECTION B-B

CLA & QA SECTION B-B



PART O - FIXED WINDOW GUARDING (1:30)

PRINT PAGE

REV: 6.4 APR 2024
HIPS REMOVED FROM CLA & QA
ROOFS AND REPLACED WITH GABLES.

BLOOR HOMES

NAME: LYFORD

DRAWING: SECTION B-B

DRG NO.: NSS.301-1_13
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

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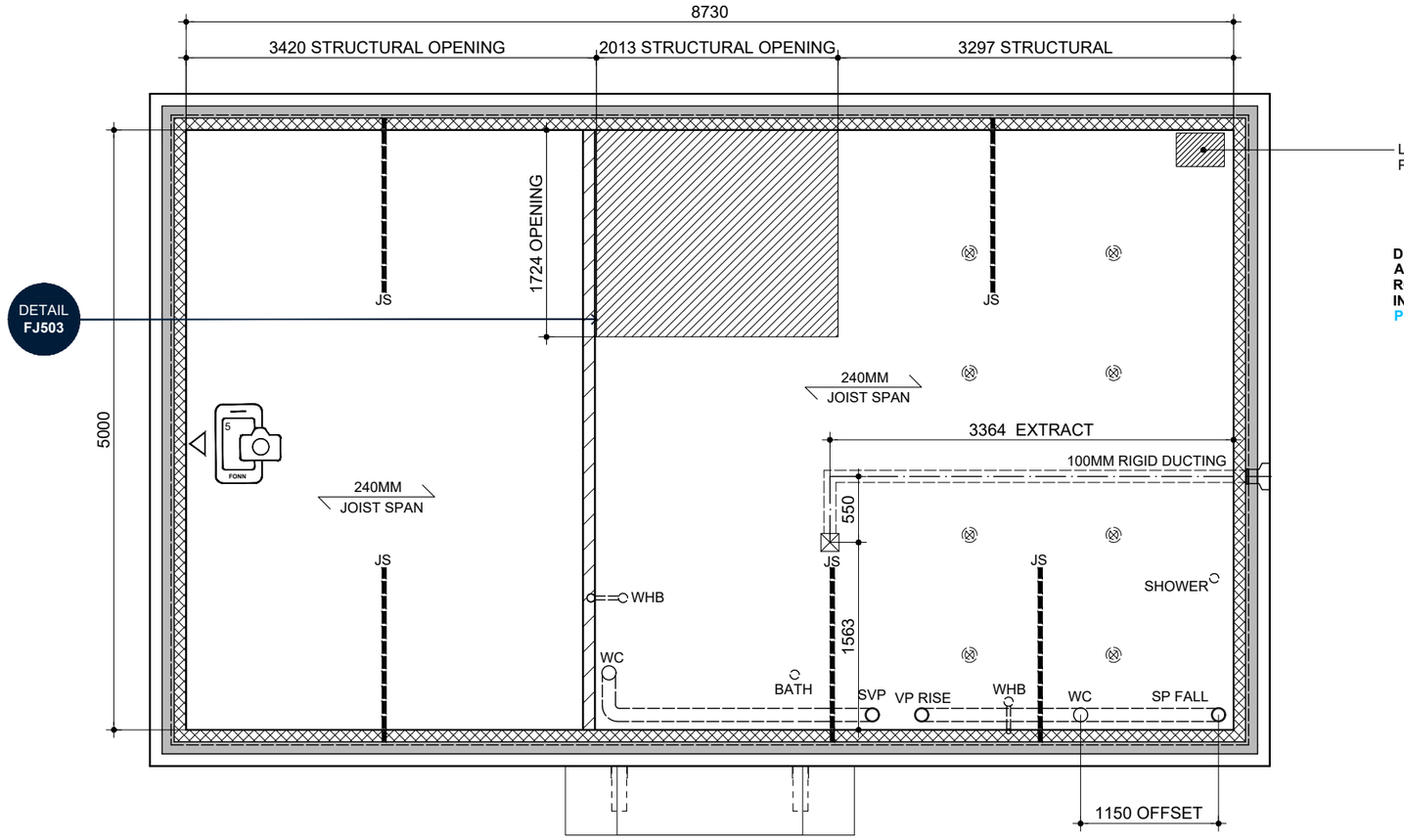

DRAINAGE RUNS SHOWN DASHED ARE INDICITAVE SUGGESTED ROUTES. FOR MORE DETAILED INFORMATION REFER TO POLYPIPE INSTALLATION GUIDE

JOIST SETTING OUT

240MM DEEP ENGINEERED JOISTS @ MAX.600 CRS
JOIST MANUFACTURER TO CONFIRM DETAILS OF DESIGN & BRACING

STEICO engineered by nature
Masonry Construction Guide

PHOTO EVIDENCE REQUIRED FOR PART L COMPLIANCE AS PER PHOTO EVIDENCE GUIDE
STOP & THINK

PRINT PAGE

REV: 7.2 FEB 2025
BED 1 ENSUITE DRAINAGE REVISED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD
DRAWING: JOIST SETTING OUT
DRG NO.: NSS.301-1_14
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

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TRUSS ERECTION
RISK ASSESSMENT & METHOD STATEMENT

A SUMMARY OF THE AREAS THAT NEED TO BE ADDRESSED IN THE METHOD STATEMENT -

1. FALLS FROM HEIGHT
2. TRUSS RAFTER ASSOCIATION RAMS GUIDANCE
3. SPANDREL PANELS (DESIGN DETAIL)
4. TEMPORARY BRACING REQUIREMENTS
5. WEATHER CONDITIONS

30 x 5MM GALVANISED M.S. RESTRAINT STRAPS, FIXED TO 3 No TRUSSES.

TO GABLE WALLS AT MAX 2000mm CENTRES AT RAFTER AND CEILING LEVEL.

RS = ROOF STRAP
CS = CEILING STRAP

DENOTES POSITION OF CHIMNEY TO BE SUPPLIED BY EXALLOT FOR CLA AND QA ELEVATION STYLES ONLY. REFER TO PLOT LOG FOR CHIMNEY REQUIREMENT.
SEE DETAIL ET807

REFER TO SEPARATE DESIGNS BY VIRIDIAN SOLAR FOR LOCATION & CONFIGURATION OF PV PANELS.
PLEASE NOTE A PV MAIN ISOLATION SWITCH & GENERATION METER NEAR CONSUMER UNIT WILL ALSO BE REQUIRED.

MSD DENOTES LOCATION OF MULTI-SENSOR DETECTOR WITHIN ROOF SPACE NO MORE THAN 600MM VERTICALLY FROM THE APEX OF THE ROOF TRUSS. REFER TO DETAIL RF620

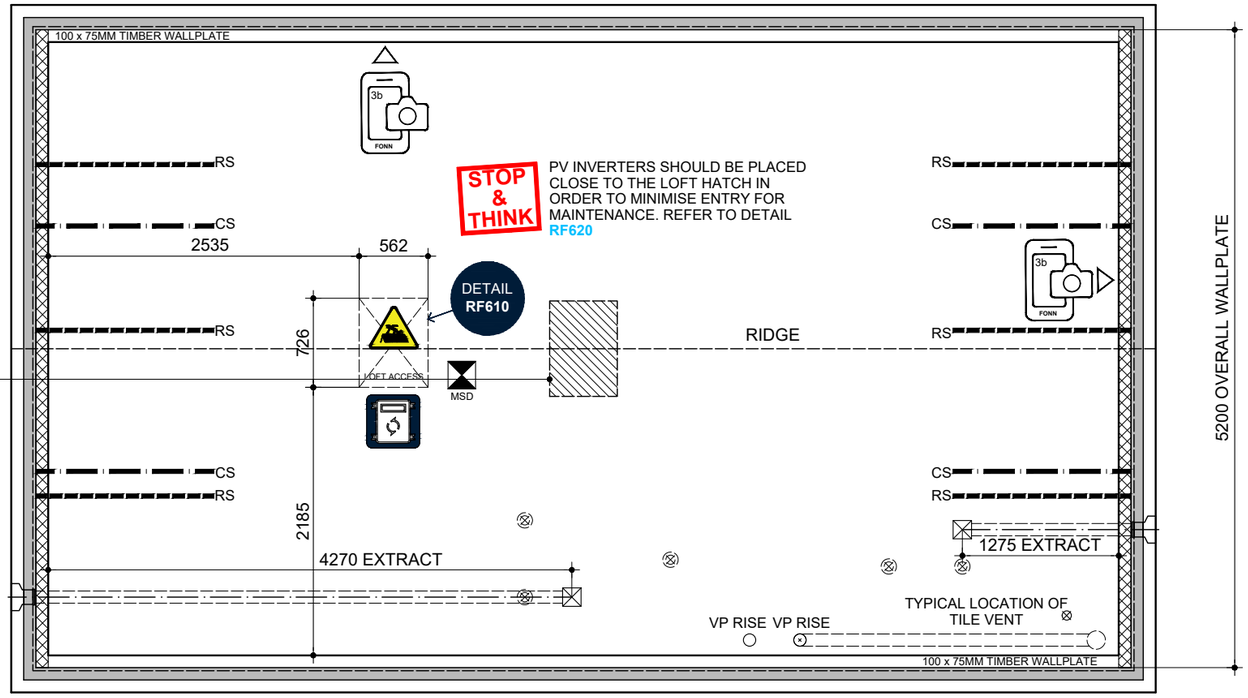
STOP & THINK

WALL PLATES TO BE STRAPPED DOWN TO WALLS @ 1.2M MAX CENTRES DUE TO UPLIFT FROM ROOF STRUCTURE (WHEN PV PANELS ARE USED). STRAPS TO BE SHOWN EITHER SIDE OF LARGER WINDOWS TO ACHEIVE 1.2M CENTRES AVERAGE WHERE OPENINGS INTERRUPT

STOP & THINK

BARGE BOARD PROJECTION DIFFERS FOR FRONT GABLE DEPENDING ON ELEVATIONAL STYLE. REFER TO ELEVATIONS / SECTIONS FOR MORE INFORMATION.

CLA & QA - 225MM BARGE BOARD
CL BRICK/RENDER - CLIPPED VERGE
CL BOARDED - 150MM BARGE BOARD



MAIN ROOF 47.5°

TRUSS SETTING OUT

ROOFSCAPE PLAN TO BE READ IN CONJUNCTION WITH ARNOLD LAVER DESIGN AND DETAILED DRAWINGS.

PHOTO EVIDENCE REQUIRED FOR PART L COMPLIANCE AS PER PHOTO EVIDENCE GUIDE

STOP & THINK

PRINT PAGE

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK. BED 1 ENSUITE DRAINAGE REVISED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD
DRAWING: TRUSS SETTING OUT
DRG NO.: NSS.301-1-1_15
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

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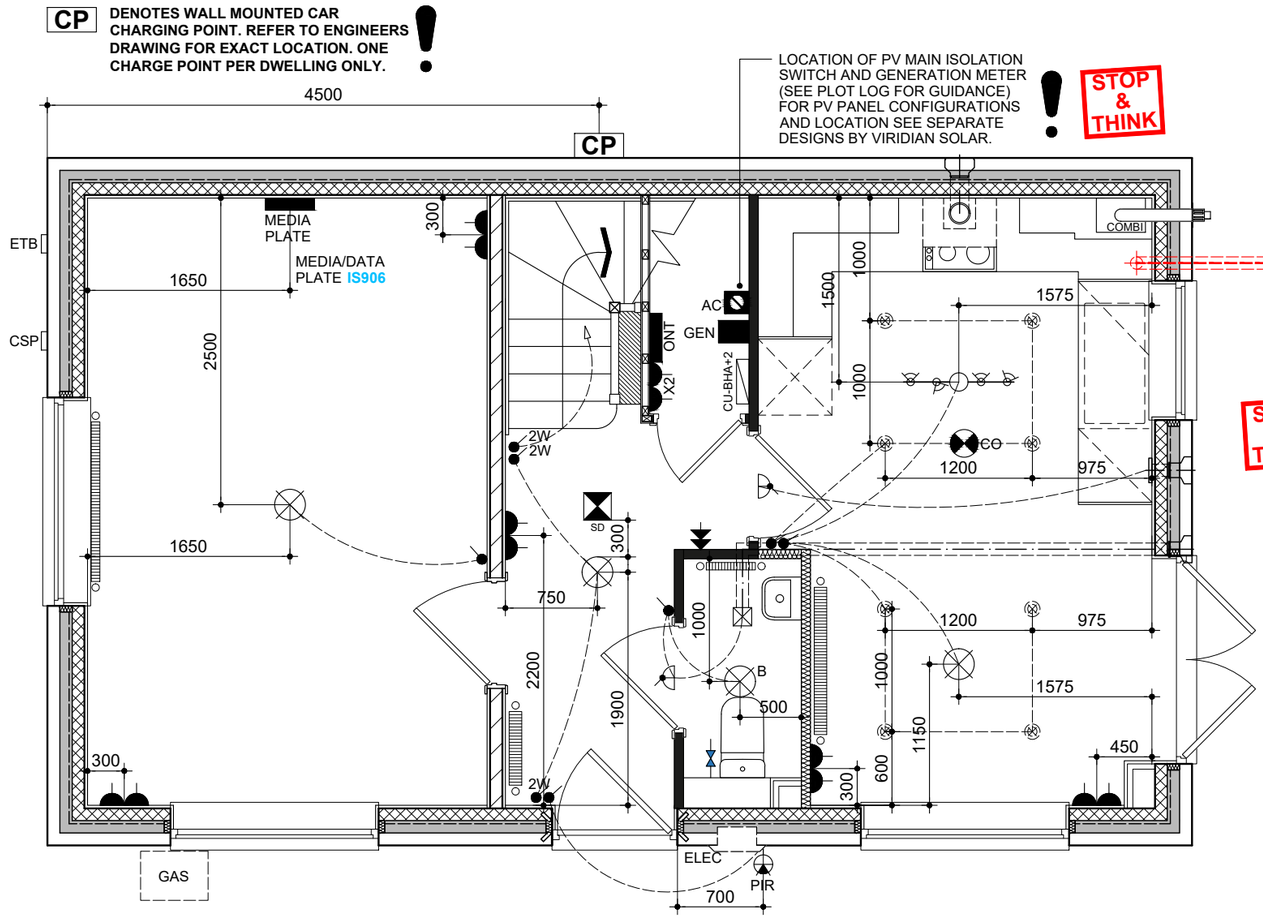

GROUND FLOOR PLAN (Electrical Layout)

PRINT PAGE

PIR EXTERNAL LIGHT WITH BUILT IN P.I.R.
S SHAVER SOCKET
OPTIONAL DOWNLIGHT
DOWNLIGHT
3 LIGHT CIRCULAR LIGHT
4 LIGHT TRACK LIGHT
B BATTEN LIGHT
PENDANT LIGHT
THERMOSTAT
ELECTRIC POWER SHOWER
E ELECTRIC SHOWER SWITCH
LIGHT SWITCH
2W 2 WAY LIGHT SWITCH
CEILING MOUNTED EXTRACTOR FAN
AC AC ISOLATOR SWITCH
GEN GENERATION METER (SOLAR)
ONT OPTICAL NETWORK TERMINATION
CSP CUSTOMER SERVICES POINT
ETB EXTERNAL TERMINATION BOX
CU CONSUMER UNIT HEIGHT BETWEEN 1350mm - 1450mm
FUSED SWITCH
CO CO DETECTOR
TEST MULTISENSOR DETECTOR TEST SWITCH
SD SMOKE DETECTOR
DOUBLE SOCKET

REV: 7.1 NOV 2024

W2 INCREASED TO 1698MM FOLLOWING FEEDBACK. KITCHEN EXTRACT FAN POSITION REVISED IN LINE WITH FEEDBACK. POSITION OF SOLAR GENERATION METER AND AC ISOLATOR ADDED TO FLOOR PLAN.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1_16

SCALE: 1:50 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

DRAWING: GF ELECTRICAL LAYOUT

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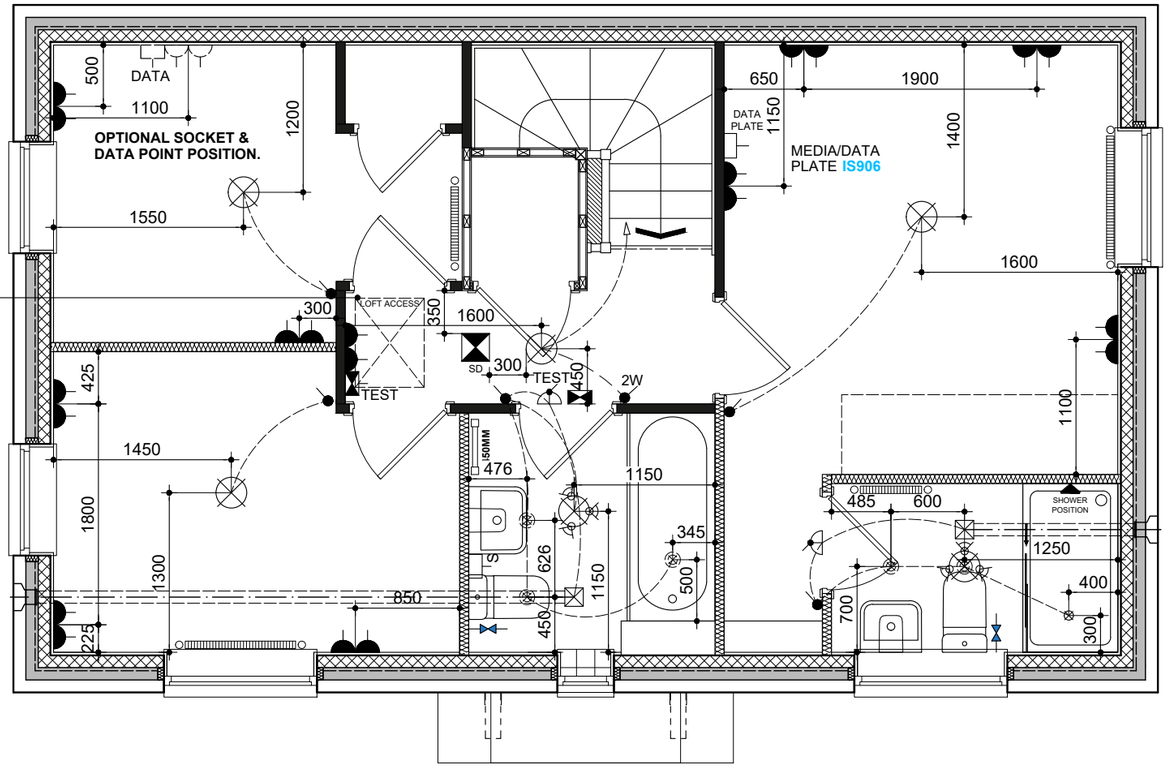
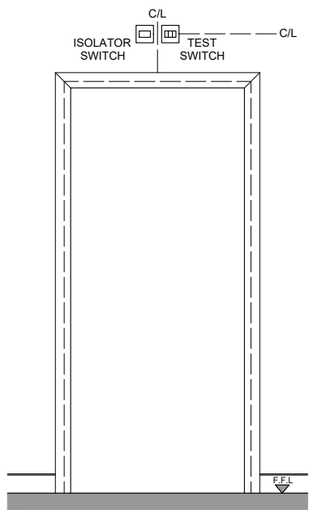


STOP & THINK

PV INVERTERS SHOULD BE PLACED CLOSE TO THE LOFT HATCH IN ORDER TO MINIMISE ENTRY INTO THE LOFT SPACE FOR MAINTENANCE. MULTI-SENSOR DETECTOR TO BE INSTALLED IN LOFT SPACE WITH A TEST SWITCH LOCATED CLOSE TO THE LOFT HATCH. REFER TO DETAIL **RF620**

STOP & THINK

BOOST SWITCH FOR THE BATHROOM/EN-SUITE EXTRACTOR FAN TO BE LOCATED WITH THE LIGHT SWITCH.



MULTI SENSOR DETECTOR TEST SWITCH INTERNAL ELEVATION (1:30)

FIRST FLOOR PLAN (Electrical Layout)

PRINT PAGE

PIR EXTERNAL LIGHT WITH BUILT IN P.I.R.
S SHAVER SOCKET
OPTIONAL DOWNLIGHT
DOWNLIGHT
3 LIGHT CIRCULAR LIGHT
4 LIGHT TRACK LIGHT
B BATTEN LIGHT
PENDANT LIGHT
THERMOSTAT
E ELECTRIC POWER SHOWER
2W 2 WAY LIGHT SWITCH
LIGHT SWITCH
CEILING MOUNTED EXTRACTOR FAN
AC AC ISOLATOR SWITCH
GEN GENERATION METER (SOLAR)
ONT OPTICAL NETWORK TERMINATION
CSP CUSTOMER SERVICE POINT
ETB EXTERNAL TERMINATION BOX
CU CONSUMER UNIT HEIGHT TO TOP 1350mm - 1450mm
FUSED SWITCH
CO CO DETECTOR
TEST MULTI-SENSOR DETECTOR TEST SWITCH
SD SMOKE DETECTOR
DOUBLE SOCKET

REV: 7.2 FEB 2025

BATHROOM EXTRACT FAN REVISED TO CEILING MOUNTED IN LINE WITH FEEDBACK.

BLOOR HOMES

NAME: LYFORD

DRG NO.: NSS.301-1_17
SCALE: 1:50 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

DRAWING: FF ELECTRICAL LAYOUT

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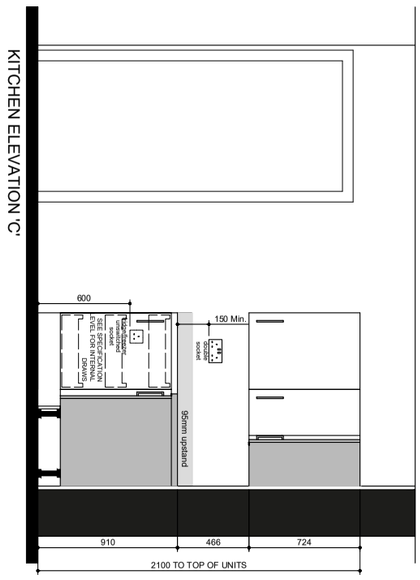

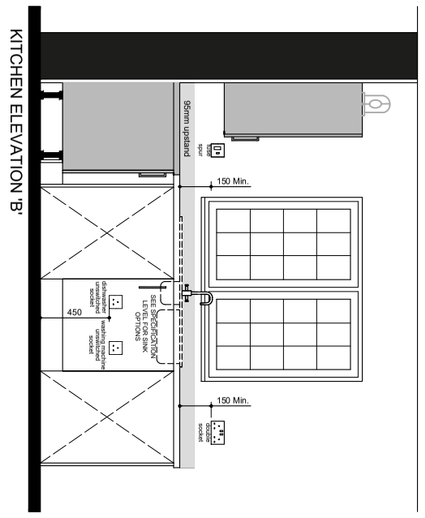

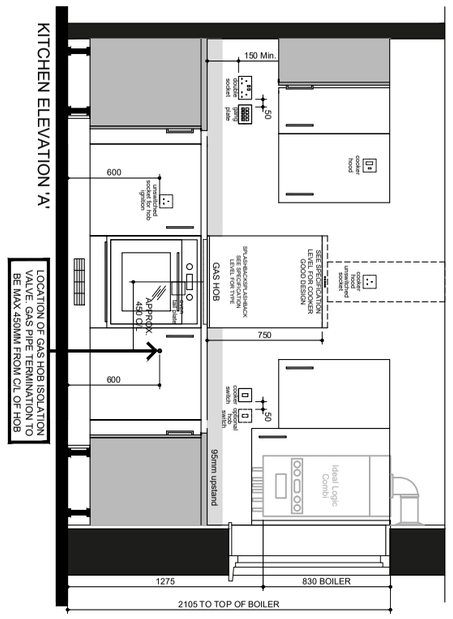

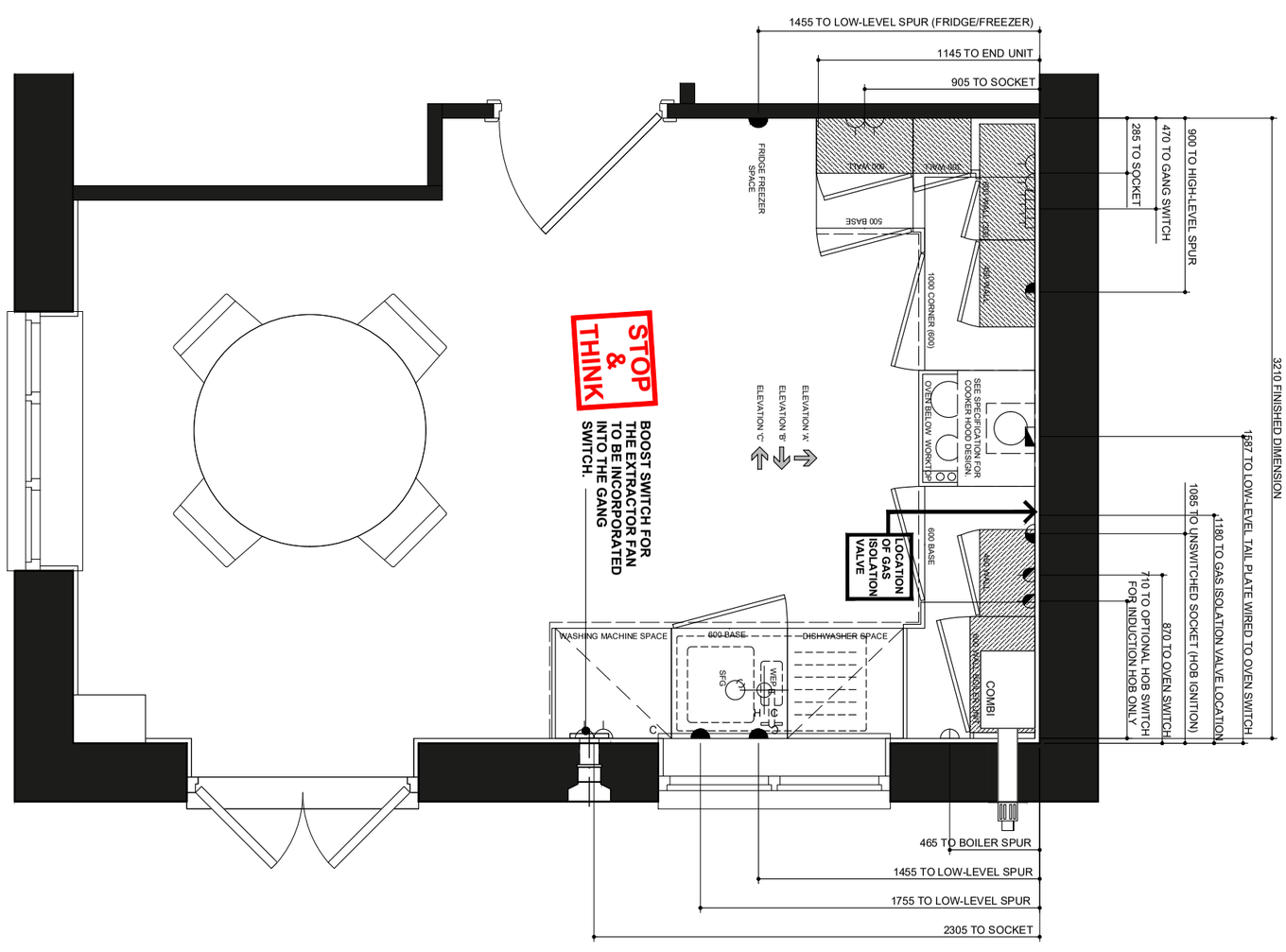

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13 AMP D.P. SWITCHED SOCKET (1060MM FROM FLOOR TO U/S OF SOCKET) | 13 AMP FUSED SPUR (IN-LINE WITH SWITCHED SOCKETS ABOVE WORK TOP) | 13 AMP UNSWITCHED SOCKET WIRED TO GANG SWITCH (HIGH LEVEL) 1930MM FROM FLOOR TO U/S OF SOCKET | 13 AMP UNSWITCHED SOCKET WIRED TO GANG SWITCH (LOW LEVEL) 550MM FROM FLOOR TO U/S OF SOCKET | OVEN TAIL PLATE WIRED TO CONTROL FEED SWITCH (680MM FROM FLOOR TO U/S OF CONNECTION UNIT) | GANG SWITCH (IN-LINE WITH SWITCHED SOCKETS ABOVE WORK TOP) | 45 AMP OVEN CONTROL FEED SWITCH (IN-LINE WITH SWITCHED SOCKETS ABOVE WORK TOP) | BOILER PROGRAMMER/ TIMER (IN-LINE WITH SWITCHED SOCKETS ABOVE WORK TOP) | HOT & COLD WATER FEED | CEILING MOUNTED EXTRACTOR FAN | 2 WAY LIGHT SWITCH | LIGHT SWITCH | PENDANT LIGHT & SWITCH | 4 LIGHT TRACK LIGHT | DOWNLIGHT | OPTIONAL DOWNLIGHT

NAME: LYFORD

DRAWING: KITCHEN ELECTRICAL LAYOUT & ELEVATIONS

DRG NO.: NSS.301-1_18
SCALE: 1:30:40 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

BLOOR HOMES

REV: 6.3 JAN 2024
DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE

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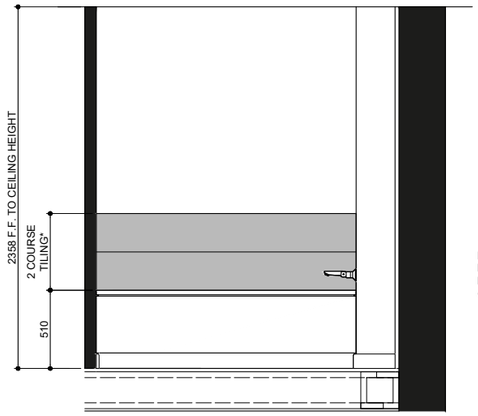
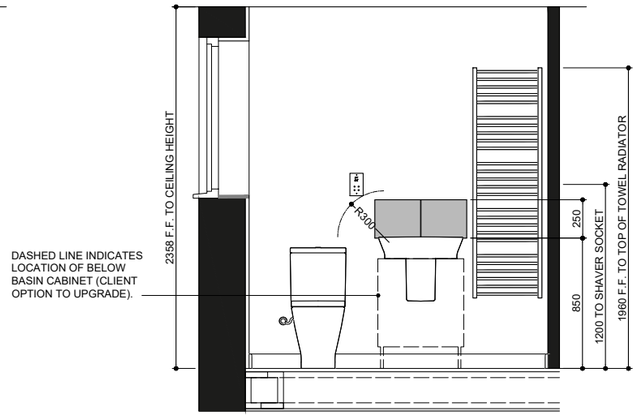
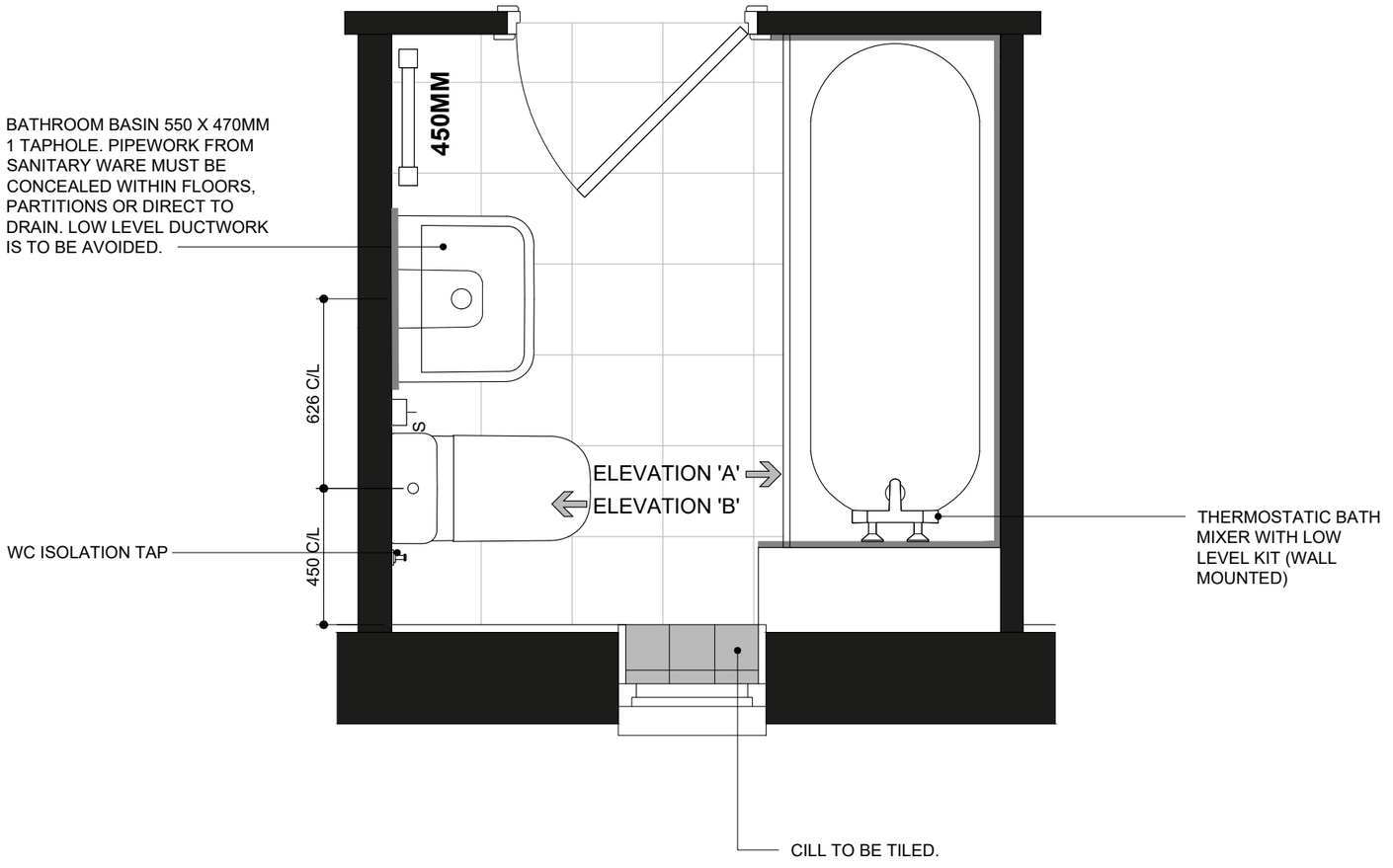


BATHROOM ELEVATION 'A'
*MIN 500MM HIGH



BATHROOM ELEVATION 'B'



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REV: 6.3 JAN 2024

DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE

BLOOR HOMES

NAME: LYFORD

DRAWING: BATHROOM LAYOUT & ELEVATIONS

DRG NO.: NSS.301-1_19
SCALE: 1:20:40 @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

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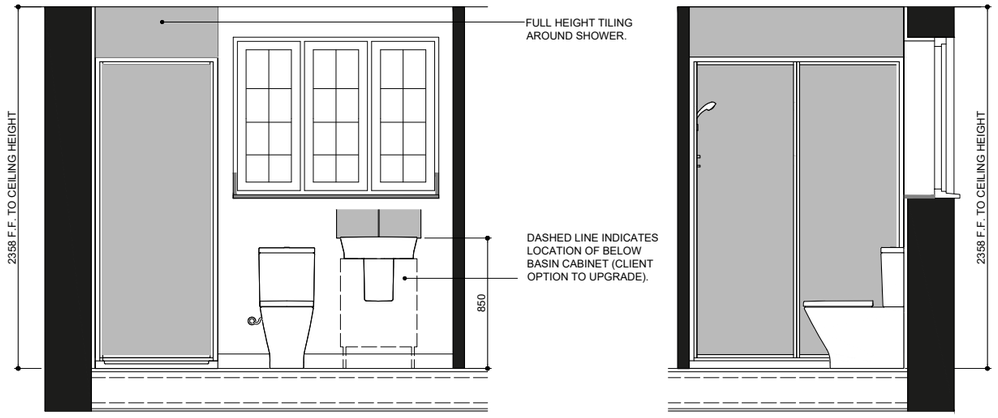
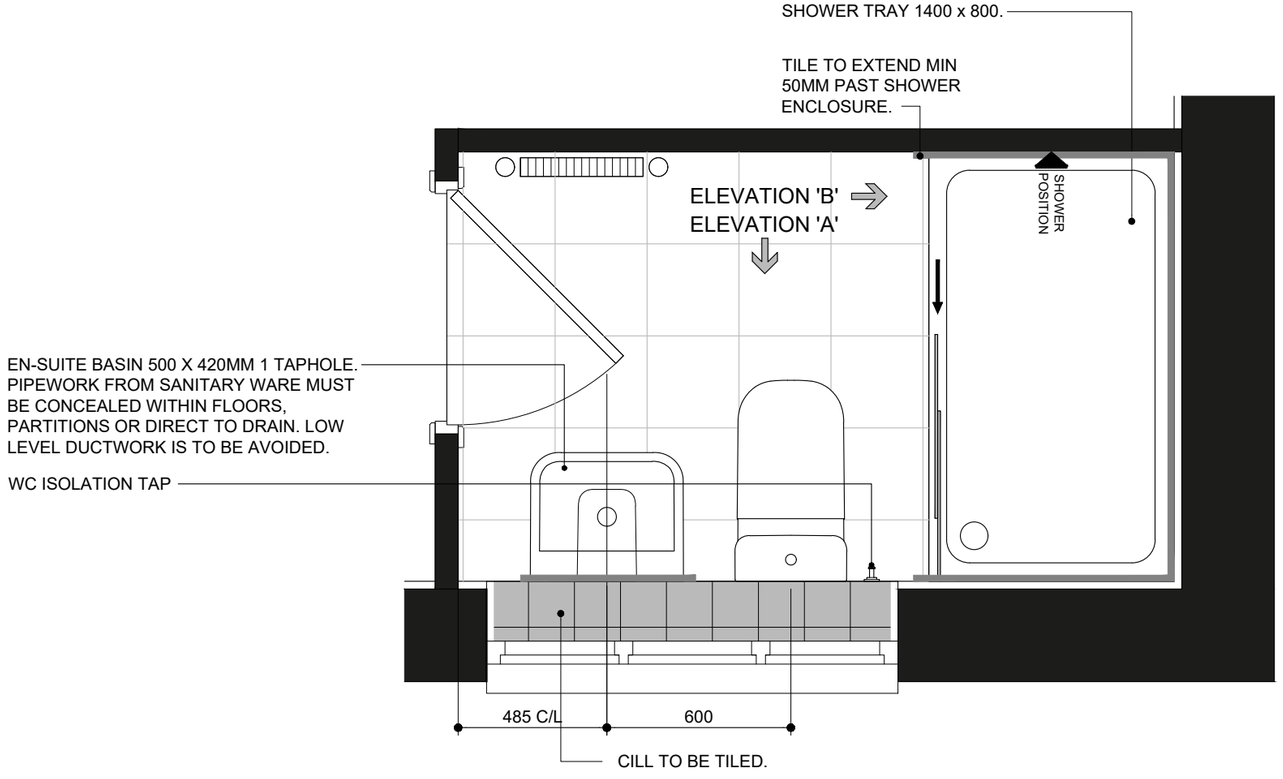


EN-SUITE ELEVATION A'

EN-SUITE ELEVATION 'B'



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REV: 6.3 JAN 2024

DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE

BLOOR HOMES

NAME: LYFORD

DRAWING: BED 1 EN-SUITE LAYOUT & ELEVATIONS

DRG NO.: NSS.301-1_20

SCALE: 1:20:40 @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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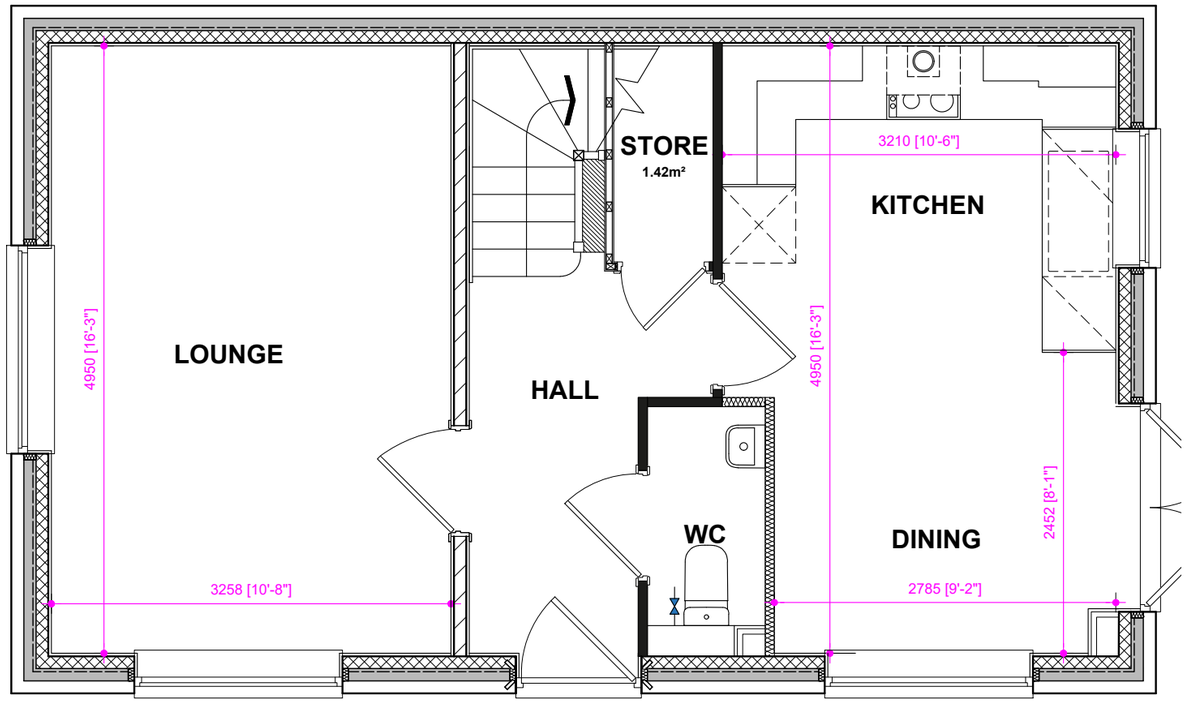
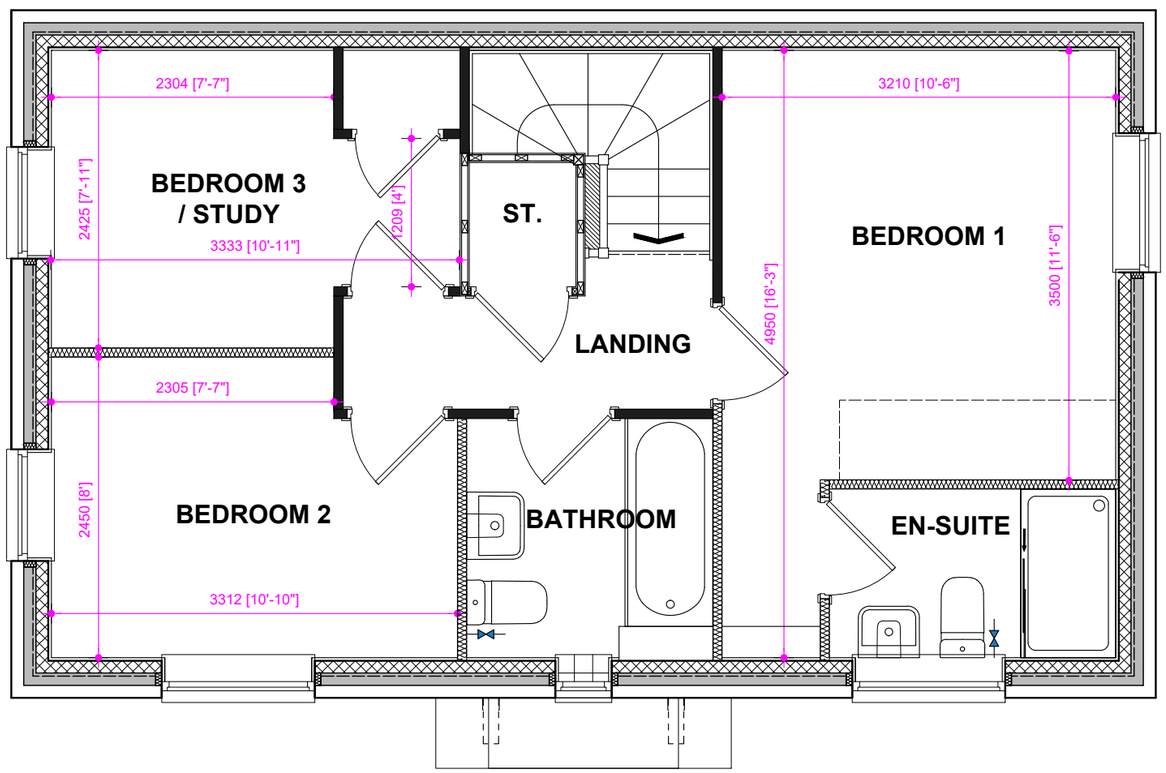


GROUND FLOOR PLAN



FIRST FLOOR PLAN

PRINT PAGE

REV: 6.3 JAN 2024
DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE

BLOOR HOMES

NAME: LYFORD
DRAWING: ROOM SIZE LAYOUT

DRG NO.: NSS.301-1_21
SCALE: N.T.S @ A3
DATE: DEC 2022
DRAWN: JC
CHECKED: MJE

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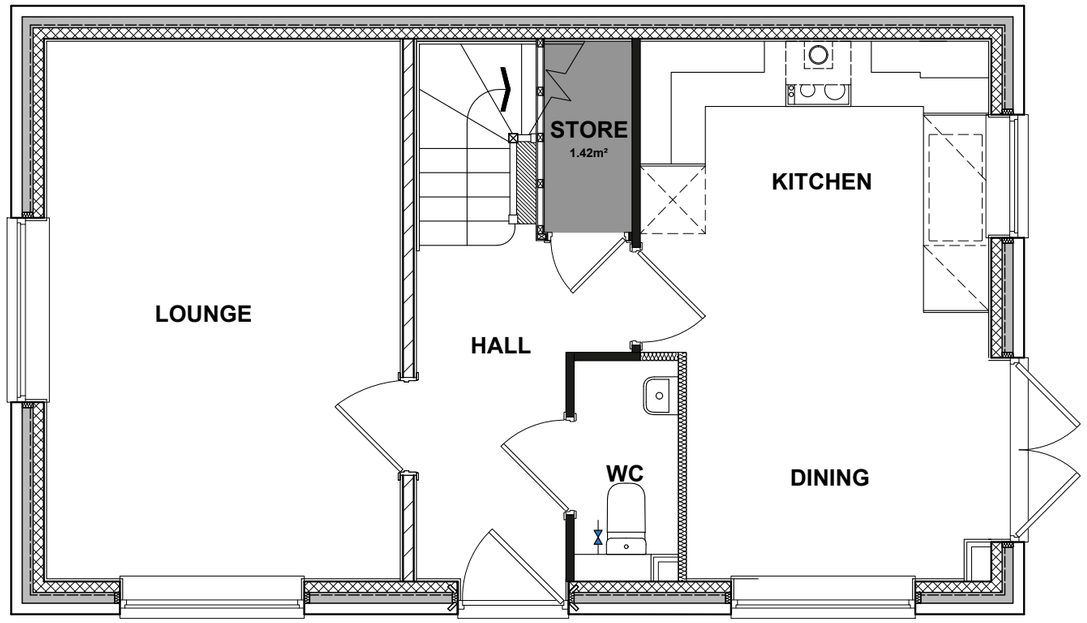
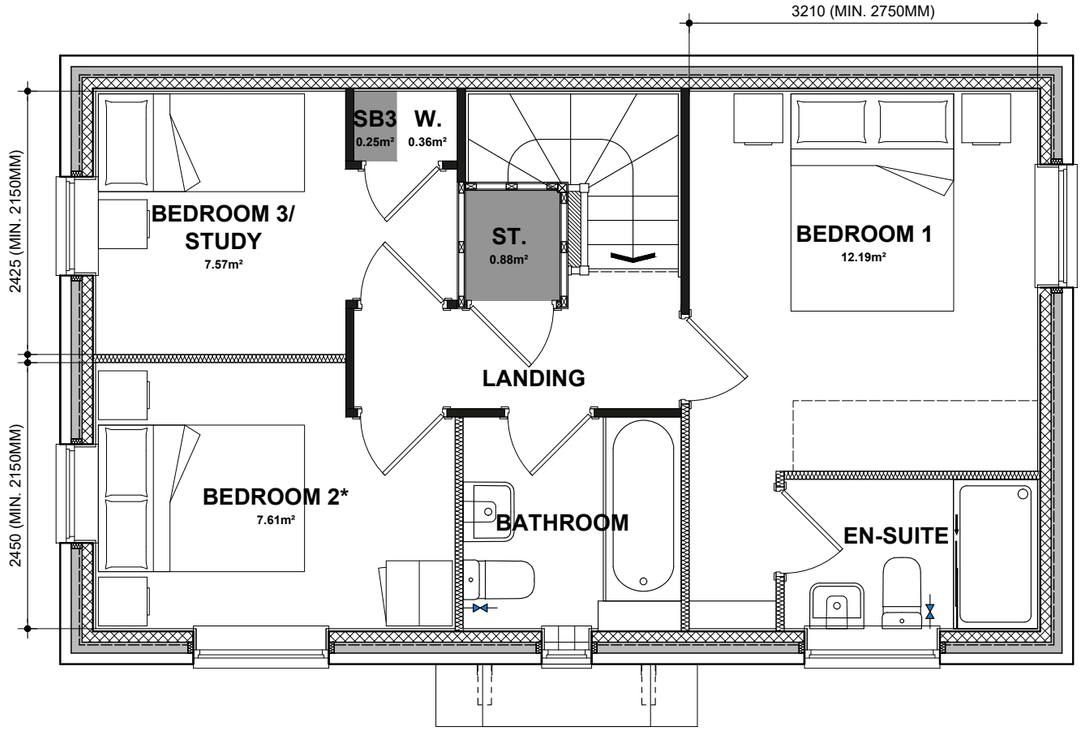


GROUND FLOOR PLAN



FIRST FLOOR PLAN

PRINT PAGE

NATIONAL SPACE STANDARDS COMPLIANCE

3B4P	AREA	NSS REQ'
GROUND FLOOR PLAN	42.97m²	
FIRST FLOOR PLAN	42.97m²	
TOTAL FLOOR AREA M²	85.93m²	84.00m²
TOTAL FLOOR AREA FT²	925ft²	904ft²

FLOOR PLANS

BEDROOMS	AREA	NSS REQ'
BEDROOM 1	12.19m²	11.5m²
BEDROOM 2	7.61m²	7.5m²
BEDROOM 3	7.57m²	7.5m²
-	-	-
-	-	-

STORAGE	AREA	NSS REQ'
UNDER STAIR STORE	1.42m²	
STORE LANDING	0.88m²	
STORE BEDROOM 3	0.25m²	
-	-	
BUILT IN STORAGE TOTAL	2.56m²	2.5m²

REV: 6.3 JAN 2024

DRAWING UPDATED IN LINE WITH D&TB 23-011 & REVISION SCHEDULE

BLOOR HOMES

NAME: LYFORD

DRAWING: NATIONAL SPACE STANDARDS LAYOUT

DRG NO.: NSS.301-1_NDSS

SCALE: N.T.S. @ A3

DATE: DEC 2022

DRAWN: JC

CHECKED: MJE

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