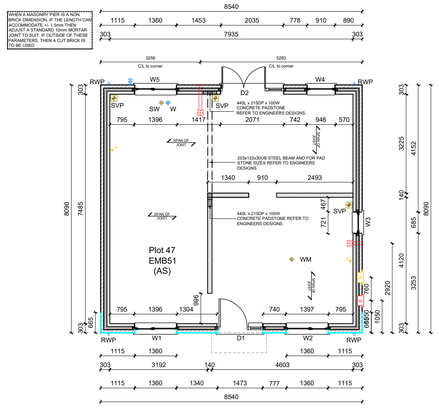
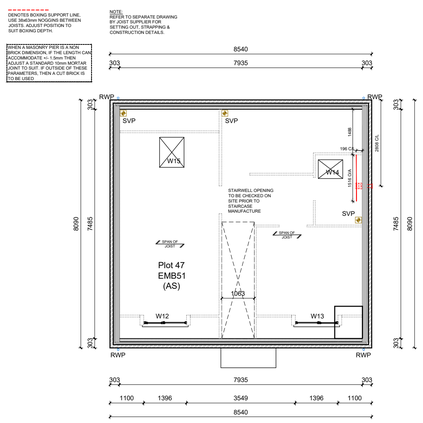
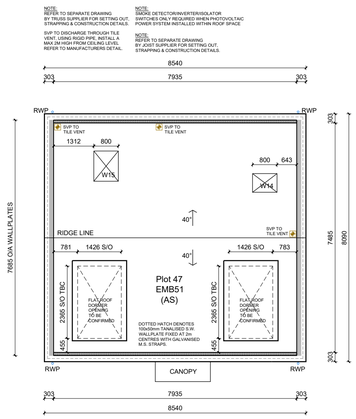
PLOT 47



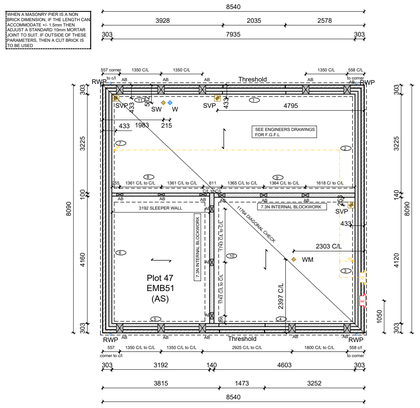
Plot 47 - Ground Floor Plan



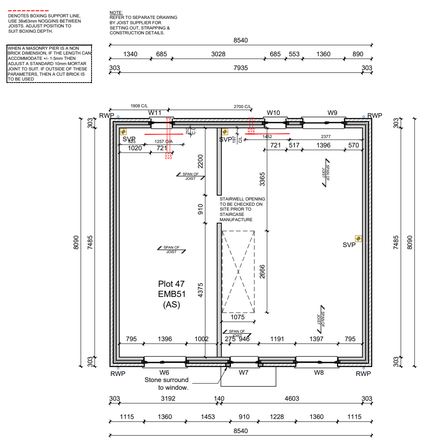
Plot 47 - Second Floor Plan



Plot 47 - Roof Plan



Plot 47 - Substructure Plan



Plot 47 - First Floor Plan

Approved Document C - Under floor ventilation (Insulated)

Under floor ventilation to be provided to suit the greater of the air calculated using Table 1 or as by External wall length

Elevation	Air to air	Air to ground	Total Vent Area	Vent Spacing	Vent Size
	(mm²/m)	(mm²/m)	(mm²)	(mm)	(mm)
Front Elev.	30.3M	300	20906	6650	3
Mid Lnd Ext Wall	n/a	1500	n/a	6650	n/a
End Lnd Ext Wall	n/a	1500	n/a	6650	n/a
Del Lnd Ext Wall	32.5M	1500	46250	6650	8

NOTE: TABLE D8T5 FOUNDATION SELF-WEIGHT

EMB51 FOUNDATION LOADS KN/M run

WALL NUMBER	1	2	3	4	5
GROUND BEARING SLAB	60	60	60	60	50
SUSPENDED CONCRETE	75	60	60	70	60
TOTAL	75	60	60	70	60
TOTAL IN SECOND LIFT*	70	60	60	70	60

EMB51 FOUNDATION LOADS KN/M run

WALL NUMBER	6	7	8	9	10	11
GROUND BEARING SLAB	70	60	10	50	50	50
SUSPENDED CONCRETE	75	60	20	60	30	60
TOTAL	75	60	20	60	30	60
TOTAL IN SECOND LIFT*	70	60	20	60	30	60

* LOAD FOR 1 SIDE OF PARTY WALL ONLY. THE LOAD SHOULD BE ADDED TO THE PARTY WALL LOAD FOR THE HOUSE TYPE ON THE OTHER SIDE.

Key:

SW	Direct drainage connection for Kitchen Sink
WHB	Direct drainage connection for Wash Hand Basin
WC	Direct drainage connection for WC
SHWR	Direct drainage connection for Future Shower - see TW detail EM-GF21-02-74.
CYL	Direct drainage connection for ASHP cylinder waste
WM	Direct drainage connection for Washing Machine
SVP	Soil and Vent Pipe
AAV	Air admittance valve
W	Water entry point
ASHP	Incoming ASHP duct
	External water tap
	Telecom entry point
SC	Consumer service unit.
NAP	Network access point.
RWP	Rain water downpipe
	Electrical duct from CU to ASHP unit. TBC by specialist.
E	Semi-recessed electric meter box
G	Semi-recessed gas meter box
G	Unibox gas meter box
	Gas point
	Extract vent
	Cavity Barrier to party wall / external wall junction - to extend to top of foundation level.
AB	Air brick

Masonry Legend:

EXTERNAL WALLS

- Outer leaf 102.5mm facing brickwork.
- Outer leaf 102.5mm facing brickwork with alternating projecting brickwork (15mm projection)
- Outer leaf of 100mm blockwork to structural engineers recommendations. With timber cladding
- Outer leaf of 100mm blockwork to structural engineers recommendations. With render external finish.
- Inner leaf of 100mm blockwork - 3.6N/mm² Aircrete (600-800kg/m³, 0.15W/mk).
- Inner leaf of 100mm blockwork - 7.3N/mm² Aircrete (600-800kg/m³, 0.15W/mk).

INTERNAL WALLS

- 100mm Aircrete blockwork 3.6N/mm² (600-800kg/m³)
- 100mm Aircrete blockwork 7.3N/mm² (600-800kg/m³).
- 140mm Aircrete blockwork 7.3N/mm² (600-800kg/m³).

PARTY WALLS

- 3.6N/mm² (min) Aircrete (600-800kg/m³, 0.15W/mk) for **E-WM-30** - Refer to Robust Details for specification.

Note:
3.6N/mm² blockwork used below DPC must be certified to be used below ground.

MJ Movement Joint

Note:
Structural information follows the Structural Engineers mark-ups and emailed comments and is shown for coordination purposes only. BM3 cannot accept liability for any structural information.

SUB STRUCTURE NOTES :

1. THIS DRAWING MUST NOT BE SCALED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS
3. ALL DETAILS AND DRAWINGS MUST BE READ IN CONJUNCTION WITH THE "TW NATIONAL CONSTRUCTION SPECIFICATION.
4. BEAM AND BLOCK / RAFT FOUNDATIONS TO STRUCTURAL ENGINEER / SPECIALIST DESIGN.
5. FOR DETAILS OF CAST INSITU POWERFLOATED SUSPENDED GROUND FLOOR SLAB, SEE SPECIALIST DRAWINGS.
6. DATUM 1 (MASONRY CONSTRUCTION ONLY) = FINISHED FLOOR LEVEL. TOP OF FLOATING SLAB, SUSPENDED SLAB AND RAFT FOUNDATION TO BE LEVEL WITH DPC (INSULATION POSITIONED UNDER SLABS).
7. FOUNDATION WIDTHS AND DEPTHS TO BE DETERMINED BY THE STRUCTURAL ENGINEER, BASED ON THE SITE INVESTIGATION REPORT / WALL FOUNDATION LOADS TO BE AGREED BY THE BUILDING CONTROL ENGINEER.
8. ⬭ INDICATES REFERENCE TO WALL NUMBER AND FOUNDATION LOADS.
9. CHECK SOIL REPORT FOR SPECIAL REQUIREMENTS E.G. PRECAUTIONS NECESSARY FOR SULPHATE IN SOIL ETC.
10. GAS PIPES TO RUN IN GROUND FLOOR INSULATION OR, IF GROUND FLOOR IS POWER FLOATED, WITHIN FIRST FLOOR CARCASS.
11. FOR FINISHED FLOOR LEVELS, REFER TO CIVIL ENGINEERS DRAWINGS.

Notes

- Copyright in this drawing remains the property of BM3 Architecture Limited.
- Do not scale this drawing. Work to figured dimensions only.
- Contractors and consultants are to advise BM3 Architecture Limited of any discrepancies.

IMPORTANT NOTE

Revision	Date	By	Chkd
T1 Tender Issue.	24.10.25	CH	AW
T2 Removed gas meters and gas points from the block plans. Incoming ASHP ductwork added for ASHP cylinders to block plans.	12.01.26	CH	AW
C1 Construction Issue. Gas reinstated, ASHP ducts and cylinder drainage removed.	25.03.26	MW	AW

CONSTRUCTION

Client
Taylor Wimpey

Project
WOODSIDE ROAD
ABBOTS LANGLEY 2

CiSfb Element

Drawing
PLOT 47
BLOCK PLANS

Drawn by	Checked	
CH	AW	
Scale	Dated	
1:100@A1	13.10.2025	
Job No.	Drawing No.	Revision
72393	47-200	C1

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