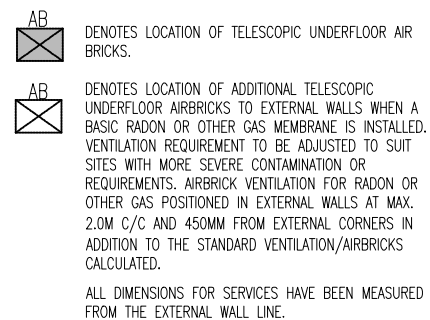


GUTTER SIZE & RWP POSITIONS TO BE DESIGNED BY SITE ENGINEER WITH DOWNPIPES LOCATIONS IN ACCORDANCE WITH DEVELOPMENT DRAINAGE LAYOUT, SITE CONDITIONS AND EXPANSION JOINT LOCATIONS.

DRAINAGE SETTING OUT,
TO BE CONFIRMED BY
APPOINTED SITE ENGINEER

FOR SURFACE WATER & RWP
CALCULATIONS, REFER TO
LAYOUT - DWG# EMT41_42



SUBSTRUCTURE BLOCKWORK HATCH (MASONRY)
EXTERNAL WALLS

 100mm BLOCKWORK - 3.6N/mm² AIRCRETE
(600-800kg/m³, 0.15W/mk).

 100mm BLOCKWORK – 7.3N/mm² AIRCRETE
(600–800kg/m³, 0.15W/mk).

INTERNAL WALLS

 100mm BLOCKWORK - 3.6N/mm² AIRCRETE
(600-800kg/m³) FOR INTERNAL LOAD BEARING
WALLS

PARTY WALLS

 100mm BLOCKWORK - 3.6N/mm² AIRCRETE
(600-800kg/m³, 0.15W/mk) FOR E-WM-30
REFER TO SITE SPECIFICATION.

NOTE : TABLE OMITS FOUNDATION SELF-WEIGHT

EMT41 FOUNDATION LOADS KN/M. run						
WALL NUMBER	1	2	3	4	5	6
GROUND BEARING SLAB	50	40	50	40	40	40
SUSPENDED CONCRETE SLAB	60	40	60	40	50	50
BEAM & BLOCK (JET FLOOR)	60	40	60	40	50	50

*- 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.

C03	27.01.26	Air Brick added to Detached wall	SN	LE
C02	05.12.25	Compliance amended to M4(1/2)	MS	SN
C01	13.10.25	STATUS TO CONSTRUCTION	SN	LE
T03	24.09.25	'Main door' threshold label added; 2nd DPC note added; Drainage run omitted; Double plinth course call out added	SN	LE
T02	20.06.25	Sub-structure legend updated	CC	LE
T01	22.04.25	STATUS TO TENDER	SN	LE
P01	31.03.25	Gas meter & Gas point omitted	CK	LE
REV	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED

Status:

CONSTRUCTION

NDSS Compliance:

ADM Compliance Level:

COMPLIANT

M4(1/2)

Mark Reeves
Architects

5 Northfields Prospect, Putney Bridge Road, London, SW18 1PE
T e l: 020 8874 0484 Email: mail@mrarchitects.co.uk

Project No:
23/1024

Drg No:
EMT41 - 21P2 - 11 - C03

Project: **Grange Farm, WD (Phase 2)**

Drwg Title:
PLUMDALE (4B6P)
SUB-STRUCTURE PLAN

AS PLOT/S:
62, 63, 128, 158 (M4(2))

OPP PLOT/S:
68, 73—HIPPED SEMI, 94, 129, 179
(M4(2)), 144, 159 (M4(1))

Scale: 1:50 @ A3
Date: 2025
Drawn By: CC
Checked By:

Client:

Taylor Wimpey UK Ltd

Gate House, Turnpike Road,
High Wycombe, Bucks HP12 3NR
Tel 01494 558323 Fax 01494 885663
www.taylorwimpey.com

- 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 "IW 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).
- FOUNDATIONS**
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 SULPHATES IN SOIL ETC.
 10. GAS PIPES TO RUN IN GROUND FLOOR INSULATION OR, IF INTEGRAL GARAGE TYPE, WITHIN FIRST FLOOR CARCASS.