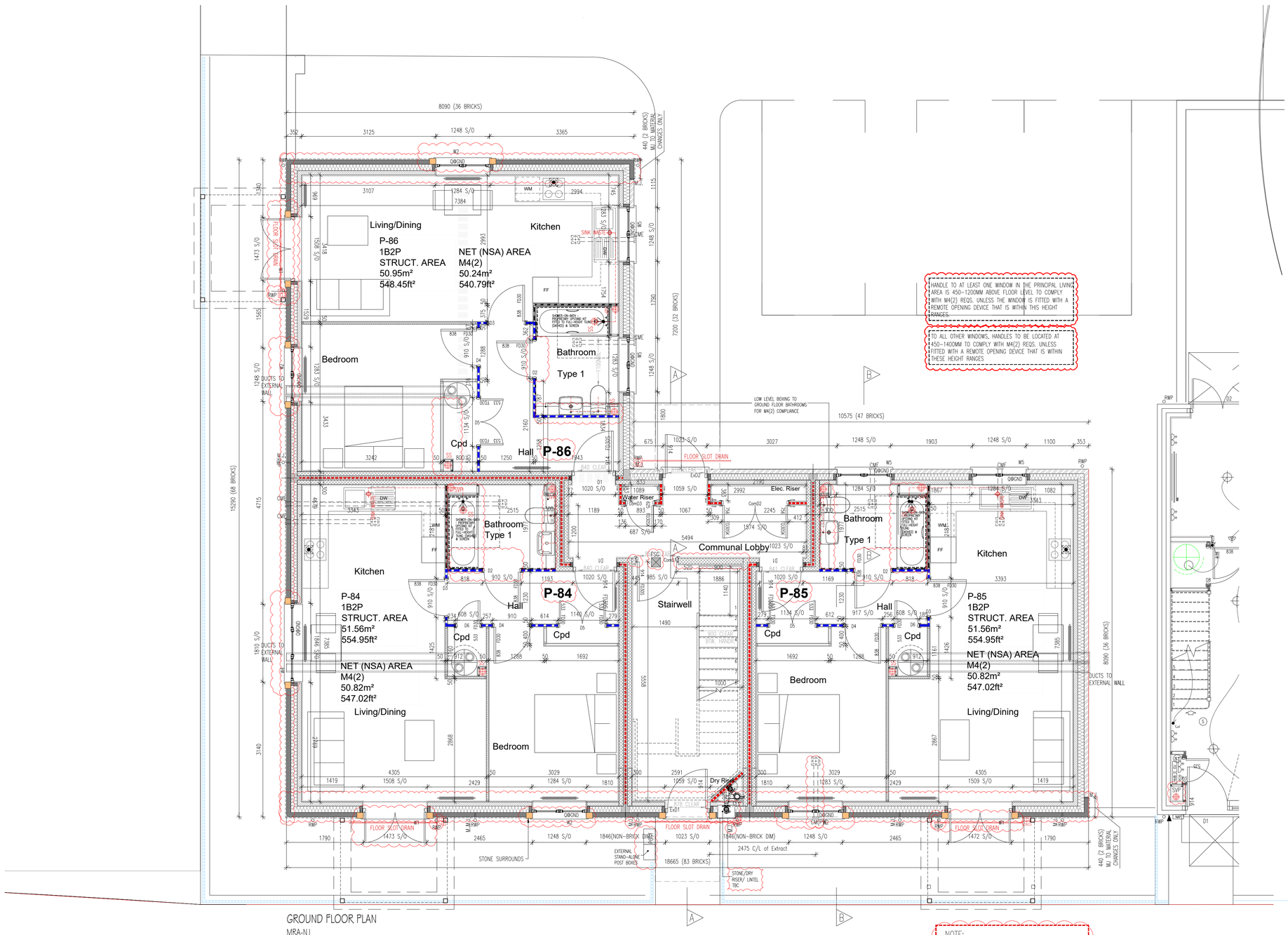

GROUND FLOOR PLAN
MRA-N1

BRICK/BLOCKWORK LEGEND GROUND & FIRST FLOOR (2.5 STOREY HOUSES)

EXTERNAL WALLS

- PLOT/CHARACTER-SPECIFIC MATERIAL SEE ELEV. & SITE LAYOUT'S MATERIALS (E.G. 102.5mm FACING BRICK/OR RENDER ON 100MM SOLID AGGREGATE BLOCKWORK, MIN. DENS. 1500KG/m³ & 7.3N/MM² COMPR. STRENGTH)
- 100mm BLOCKWORK – ARCRETE (600-800kg/m³) – STRENGHT AS SE DESIGN MIN.7.3N/MM²
- 102.5mm CLASS A ENGINEERING BRICKWORK – TO ENG. BRICKW.: INSULATED PLASTERBOARD TO INTERNAL FACE AS 27MM (17+9.5) GYPROC THERMAL LINE OR EQUIVALENT – FOR ACOUSTIC TREATMENT SPEC REFER TO ACOUSTICIAN DESIGN
- 102.5mm CLASS B ENGINEERING BRICKWORK –

INTERNAL WALLS

- 140mm BLOCKWORK – ARCRETE (600-800kg/m³)

PARTY WALLS (E-WM-30)

- ARCRETE (600-800kg/m³, 0.15W/mk), FOR E-WM-30 REFER TO ROBUST DETAILS FOR SPEC.

SUB-STRUCTURE

- SLEEPER WALL TO INTERNAL AND PARTY WALLS, ARCRETE, TO GROUND FLOOR SUPPLIER'S SPECIFICATION AND DESIGN

STUDWORK LEGEND

- STUD PARTITION – 80MM OVERALL THICKNESS COMPRISING 50x38MM METAL STUD WITH 15MM PLASTERBOARD, AS GYPROCK WALLBOARD EITHER SIDE.
- BUTTRESS STUD PARTITION – 125MM OVERALL THICKNESS X 1200MM OVERALL LENGTH COMPRISING 75x50MM TIMBER STUD WITH 12MM PLYWOOD EITHER SIDE & FINISHED WITH 12.5MM PLASTERBOARD.
- 30mins FIRE RESISTANCE STUD PARTITION – 80MM OVERALL THICKNESS COMPRISING: 50x38MM METAL STUD WITH 15MM WALLBOARD EITHER SIDE. FILL CAVITY WITH 50mm KNAUF EARTHWOOL ACOUSTIC ROLL (16kg/m³).
- 60mins FIRE RESISTANCE STUD PARTITION – 110MM OVERALL THICKNESS COMPRISING 50x38MM METAL STUD WITH TWO LAYERS OF 15MM WALLBOARD EITHER SIDE. FILL CAVITY WITH 50mm KNAUF EARTHWOOL ACOUSTIC ROLL (16kg/m³).
- ACOUSTIC STUD PARTITION – (40 Rw dB MIN.) AS ABOVE DETAILS, WITH KNAUF EARTHWOOL ACOUSTIC ROLL INSULATION (16kg/m³) BETWEEN STUDS, THICKNESS AT METAL STUD 25MM / THICKNESS AT TIMBER STUD 50MM
- EAVES STUD PARTITION – FIRE RESISTANCE IN ABSENCE – 63MM OVERALL THICKNESS COMPRISING 50x38MM METAL STUD WITH 1 LAYER OF 15MM WALLBOARD ON ROOM SIDE.
- REINFORCED STUD WALLS, TO SUPPORT GRAB RAILS, SEATS AND OTHER ADAPTATIONS THAT COULD IMPOSE A LOAD OF UP TO 1.5N/m², INSTALL 18mm THICK PLYWOOD BOARDS, BETWEEN STUDS.
- INTERNAL INSULATION TO INNER LEAF OF EXTERNAL WALL (WHERE INNER LEAF IS NOT ARCRETE), AS GYPROC THERMALINE PLUS 27 ON 19MM DOTSDABS CAVITY.
  NOTE: FOR ALL OF THE ABOVE BUILD-UP, AT WC / SHOWER / BATHROOM SIDE USE MOISTURE RESISTANT MR PLASTERBOARDS

DOORS KEY:

FD	FIRE DOOR
S	COLD SMOKE&ACOUSTIC SEAL/KEEP SHUT
K	KEEP LOCKED/COLD SMOKE SEAL
VP	VISION PANEL
XXX	LEAF WIDTH (IMPERIAL DIMS ONLY)

ALL ELEMENTS RELATED TO FIRE DESIGN TO BE READ IN CONJUNCTION WITH FIRE PRINCIPLES, CONSULTANT'S FIRE STRATEGY AND SPECIFICATIONS. FIRE SMOKE GRILLE (FSG) PROPOSED TO EASE ACTION OF SELF-CLOSING FIRE DOORS AND TO BE CONNECTED WITH ALARM.

NOTES:
1. THIS DRAWING MUST NOT BE SCALED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS BY CLIENT, OTHER CONSULTANTS AND SPECIALISTS.
3. ALL CONSTRUCTION WORKS ARE TO BE READ IN CONJUNCTION WITH THE TW NATIONAL CONSTRUCTION SPECIFICATION.
4. DIMENSIONS AND CONDITIONS TO BE VERIFIED ON SITE BY THE RELEVANT CONTRACTOR PRIOR TO PROCEEDING.
5. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METERS, U. N. O.
6. DIMENSIONS ARE TO STRUCTURAL FACES OR CENTRES, NOT FINISHES, U.N.O.
7. STANDARD INDUSTRY SOLUTIONS AND MANUFACTURER'S GUIDELINES APPLY, U. N. O.
8. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH COMBINED THERM REMARKS WITH TAYLOR WIMPEY AND MARK REEVES ARCHITECTS.

Taylor Wimpey
Health, Safety & Environmental Information

Extracted from the Significant Risk Register of the Taylor Wimpey MRAN1 Product Risk Assessment Document

All works must be carried out by a competent contractor working to an agreed safe system of work which reflects the controls highlighted below.

3. Safe system of work identified in the TWUK Site HSE Manual. Control risk of fall and manual handling operation when transferring plasterboard from one storey to another by using a plasterboard slot formed in the floor or other similar approved control measures.

6. Safe system of work identified in the TWUK Site HSE Manual. Where external core drilling for flues/ducting/extraction units is required. Scaffolding access tower must be used and dust control measures included.

8. Due to the risk of customers falling during routine light bulb replacement, consideration must be taken to the positioning/placing of light fittings and stairwells. The entire point of the assessment of risk is to eliminate the risk by design.

9. Steel Installer to consider windpost, steel beam and column sizes. Ensure weight is clearly marked on all steelwork. Ensure mechanical lifting and fixing processes are used in accordance with manufacturer's details and instructions during installation.

REV	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED
C01	06.11.25	STATUS TO CONSTRUCTION; M4's added behind RWP's; 100mm stud wall changed to 140mm blockwork; Interior dims added; Stone surrounds added around windows; Flat entrance doors amended.	MS	LE
T03	24.09.25	Drainage, balconies amended, boxing at bathrooms added	LE	SN
T02	09.06.25	Bath's'm layout & stair rail update	CC	LE
T01	23.04.25	STATUS TO TENDER; Ceiling Mounted Purge ventilation Extract to P-85; M4(2) notes added	SN	LE
P05	11.04.25	Balcony RWP added	OP	LE
P04	31.03.25	Wall box, Purge ventilation note, Dry riser Inlet & Apartment numbers added, Additional SVPs to bathrooms; D2 door swing outward as per M4(1);	SN	LE
P03	20.03.25	Window & Doors ref no. to match schedule; Central Green material update	CK	LE

Status:
CONSTRUCTION

NDSS Compliance: COMPLIANT
ADM Compliance Level: M4(2)

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Project No: 23/1024
Drg No: MRAN1 - 21P2 - 21 - C01
Project: Grange Farm, WD
Drwg Title: BLOCK OF FL. - TYPE N1
GA GROUND FLOOR PLAN
PLOT/S:

Scale: 1:50 @ A1
Drawn By: SN
Date: Feb 2025
Checked By: LE

Client:
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