

BED JOINT REINFORCEMENT TO SE DESIGN, GENERALLY TWO COURSES BELOW AND ABOVE WINDOW OPENING EXTENDING 600MM EITHER SIDE.

MOVEMENT JOINT TO SE DESIGN

ALL STRUCTURAL STEEL ELEMENTS TO SE DESIGN AND SPECIFICATION, TO ACHIEVE MIN.1HR FIRE RESISTANCE VIA INTUMESCENT PAINT

REFER TO SITE LAYOUT AND BLOCK PLANS FOR PARTY WALL AND ROOF CONDITIONS SEMI/DETACHED PLOTS.

SEE SITE LAYOUT FOR CHARACTER AREAS, MATERIALS AND ORNAMENT; REFER TO ELEVATION AND SCHEDULE FOR WINDOW PANE CONFIGURATION.

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

REFER TO 1:20 KITCHEN LAYOUT, DWG NO. EMB51-91, FOR SETTING OUT INFORMATION

REFER TO 1:20 WC/UTILITY LAYOUT, DWG NO. EMB51-92, FOR SETTING OUT INFORMATION

HATCH DENOTES 600mm CLEARANCE FROM SURFACE OR BOUNDARY FACING THE TERMINAL

GENERAL ARRANGEMENT DETAILS	
Separating walls (E-WM-30)	EM-IW21-08-01
Timber stud partitions	EM-IW21-08-40, 41, 42, 43, 44, 70, 71, 72, 75, 79, 80
Pocket & internal doors	EM-DW21-13-50, 51, 55, 57
Cavity closer & firestopping	EM-FP21-10-01, 02, 03
Staircase fixing	EM-AD21-18-10, 11, 12
External doors & windows	EM-DW21-13-01, 04, 20, 24, 25

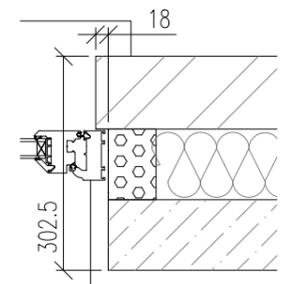
O - PART O COMPLIANCE  
DOORSETS AND WINDOWS AS TO BE DESIGNED IN ACCORDANCE WITH APPROVED DOCUMENT O SECTIONS 3.6 TO 3.11: 2021

**BRICK/BLOCKWORK LEGEND (3 STOREY HOUSES)**

- 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).
  - RENDERED ELEVATIONS TO HAVE AN OUTER LEAF OF 100MM SOLID AGGREGATE BLOCKWORK OF MINIMUM DENSITY 1500KG/M³ AND 7.0N/MM² COMPRESSIVE STRENGTH.
- INTERNAL WALLS**
- 140mm BLOCKWORK - 3.6N/mm² AIRCRETE (600-800kg/m³)
  - 140mm BLOCKWORK - 7.3N/mm² AIRCRETE (600-800kg/m³)

- STUDWORK LEGEND**
- STUD PARTITION - 88MM OVERALL THICKNESS COMPRISING 63x38MM TIMBER STUD WITH 12.5MM 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.
  - STUD PARTITION - 125MM OVERALL THICKNESS COMPRISING 100x50MM TIMBER STUD FINISHED WITH 12.5MM PLASTERBOARD. TO BE USED WHEN CONTINUING ON WITH BUTTRESS WALLS.
  - ACOUSTIC STUD PARTITION - (40 Rw dB MIN.) AS ABOVE DETAILS, WITH 50mm THICK KNAUF EARTHWOOL ACOUSTIC ROLL INSULATION (16kg/m³) BETWEEN STUDS.

- EAVES STUD PARTITION - 76MM OVERALL THICKNESS COMPRISING 63x38MM TIMBER STUD WITH 1 LAYER OF 12.5MM 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.
- NOTE: FOR ALL OF THE ABOVE BUILD-UP, AT WC / SHOWER / BATHROOM SIDE USE MOISTURE RESISTANT MR PLASTERBOARDS



CHECK REVEAL DETAIL 1:10

WHEN A MASONRY PIER IS A NON BRICK DIMENSION, IF THE LENGTH CAN ACCOMMODATE +/- 1.5mm THEN ADJUST A STANDARD 10mm MORTAR JOINT TO SUIT. IF OUTSIDE OF THESE PARAMETERS, THEN A CUT BRICK IS TO BE USED

- NOTES:
- THIS DRAWING MUST NOT BE SCALED.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS BY CLIENT, OTHER CONSULTANTS AND SPECIALISTS.
  - ALL DETAILS AND DRAWINGS MUST BE READ IN CONJUNCTION WITH THE TW NATIONAL CONSTRUCTION SPECIFICATION.
  - DIMENSIONS AND CONDITIONS TO BE VERIFIED ON SITE BY THE RELEVANT CONTRACTOR PRIOR TO PROCEEDING.
  - ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METERS, U.N.O.
  - DIMENSIONS ARE TO STRUCTURAL FACES OR CENTRES, NOT FINISHES, U.N.O.
  - STANDARD INDUSTRY SOLUTIONS AND MANUFACTURER'S GUIDELINES APPLY, U.N.O.
  - THE COPYRIGHT OF THE DRAWINGS AND DESIGNS CONTAINED THEREIN REMAINS WITH TAYLOR WIMPEY AND MARK REEVES ARCHITECTS.

**Taylor Wimpey Health, Safety & Environmental Information**

- Extracted from the Significant Risk Register of the Taylor Wimpey EMB51 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.
- Safe system of work identified in the TWUK Site HSE Manual. Control risk of fall when temporary boarding & joists or modular access system are removed from stairwell opening to install staircase by installing the Air tec system first floor, then removing the floor, joist or access system from below.
  - 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.

- NOTES:
- LOCATION OF HOT WATER CYLINDER UNDER STAIR TBC
  - CONFIRM DOOR CLEARANCE FOR CYLINDER MAINTENANCE
  - RADIATOR SIZE IN ABEYANCE, SUBJECT TO SPECIALIST DESIGNER'S CALCULATION

REV	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED
C01	13.10.25	STATUS TO CONSTRUCTION	JF	LE
T03	23.09.25	WWHR Stop Valve note omitted; Plinth & Stepped base banding added	SN	LE
T02	19.06.25	Studwork legend updated	CC	LE
T01	22.04.25	STATUS TO TENDER	CC	LE
P03	19.03.25	HPP added; WWHR removed; External wall material change	CC	LE

Status: **CONSTRUCTION**

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

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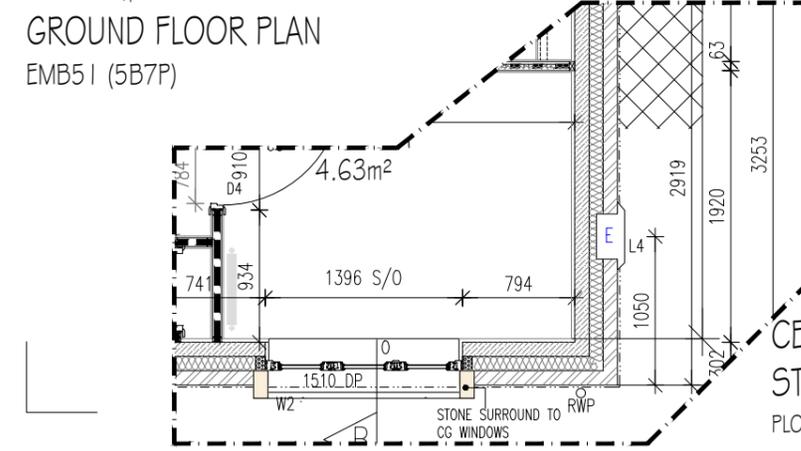
Project No: **23/1024**  
Drg No: **EMB51 - 21P2 - 21 - C01**  
Project: **Grange Farm, WD (Phase 2)**

Drwg Title: **AIRETON 5B7P GA GROUND FLOOR**

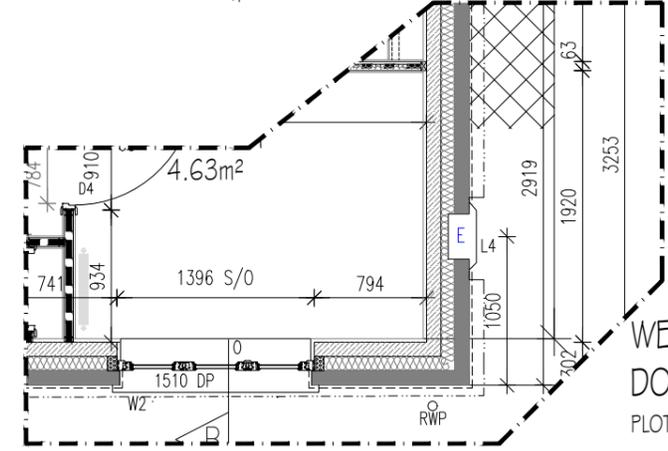
AS PLOT/S: 64, 66, 167, 173, 178  
OPP PLOT/S: 123, 153, 177

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

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CENTRAL GREET - STEP BASE BANDING PLOTS - 64, 66, 123, 167



WEATHERBOARD - DOUBLE COURSE PLINTH PLOT 173 ONLY