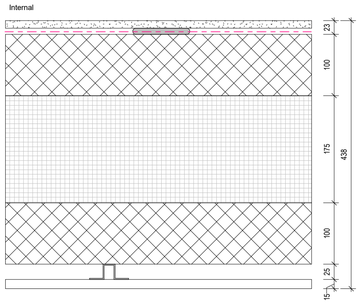
WALLS

EXTERNAL

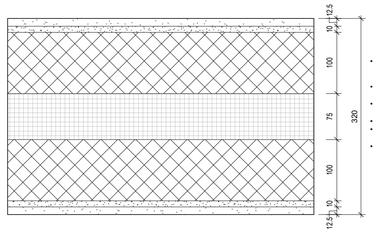


- 1NO. LAYER 12.5MM GYPSUM PLASTERBOARD WITH 10MM DOT AND DAB LAYER
- 100MM BLOCKWORK MEDIUM DENSITY (K-VALUE=0.42 W/MK) - EXACT SPECIFICATION TO BE AGREED WITH ALL PARTIES AT STAGE 4
- 175MM ROCKWOOL INSULATION FULL FILL
- BLOCKWORK MEDIUM DENSITY (K-VALUE=0.42 W/MK) - EXACT SPECIFICATION TO BE AGREED WITH ALL PARTIES AT STAGE 4
- CLAD-LINE CL4 FRAMING SYSTEM (25MM RANGE) *(TO SPECIALIST DESIGN AND DETAILS)*
- W-15/40 15MM WELLTEC GROUP W CORRUGATED PROFILE SHEETS PPC

NOTE

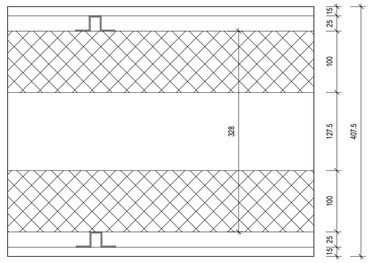
- BUILD UP CALCULATED USING ROCKWOOL U-VALUE CALCULATOR TO ACHIEVE 0.18W/M2K (MIN). BRICKWORK SUBSTITUTED WITH 100MM BLOCKWORK - ELEMENT SUSTAINABILITY CONFIRMED ACCEPTANCE OF APPROACH AT STAGE 3
- TFGM CONFIRMED INCREASED WALL DEPTH FACILITATED BY REDUCING 3M ZONE IN CORRESPONDENCE 01/03/23
- LOW LEVEL OF WALL TO BE BLACK BRICK WITH BLACK MORTAR (FINISH TBC)

PARTY



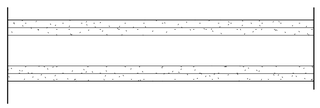
- 1NO. LAYER 12.5MM GYPSUM PLASTERBOARD WITH 10MM DOT AND DAB LAYER GYPSUM BASED BOARD MINIMUM 8 kg/m2
- 100MM INNERLEAF BLOCKWORK DENSITY 1350 TO 1600 kg/m3
- WALL TIES TO FOLLOW APPROVED DOCUMENT E SPECIFICATIONS FOR 'TIE TYPE A'
- 75MM ISOVER RD PARTY WALL ROLL
- 100MM INNERLEAF BLOCKWORK DENSITY 1350 TO 1600 kg/m3
- 1NO. LAYER 12.5MM GYPSUM PLASTERBOARD WITH 10MM DOT AND DAB LAYER GYPSUM BASED BOARD MINIMUM 8 kg/m2

NIB WALLS



- W-15/40 15MM WELLTEC GROUP W CORRUGATED PROFILE SHEETS PPC
- CLAD-LINE CL4 FRAMING SYSTEM (25MM RANGE)
- 100MM INNERLEAF BLOCKWORK
- 127.5MM AIR GAP
- 100MM INNERLEAF BLOCKWORK
- CLAD-LINE CL4 FRAMING SYSTEM (25MM RANGE)
- W-15/40 15MM WELLTEC GROUP W CORRUGATED PROFILE SHEETS PPC

PARTITIONS



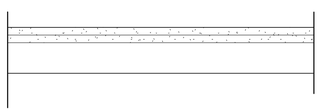
STANDARD PARTITION

BRITISH GYPSUM A206003 (EN) 206003 & MR1 (EN) - ALL WET AREAS (BATHROOMS AND LAUNDARY ROOMS)

- 2 LAYERS 12.5MM GYPSUM WALL BOARD
- 48 S 50 'C' GYPFRAME STUDS
- 1 LAYERS 12.5MM GYPSUM WALL BOARD

NB: ADDITIONAL ACOUSTIC INSULATION TO BATHROOMS AND SENSITIVE AREAS TO BE CONFIRMED BY ACOUSTICAN

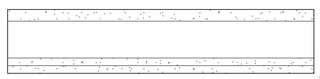
FIRE RATING: 30EI
SOUND INSULATION: (AIRBORNE) (dB): 42
DUTY RATING: MEDIUM
PARTITION THICKNESS: 100mm
MAXIMUM HEIGHT 3.4m



SVP BOXING OUT (STAFF / VILLAGE HALL)

- 2 LAYERS 12.5MM GYPSUM WALL BOARD
- 48 S 50 'C' GYPFRAME STUDS

NB: ALL SVPS TO BE WRAPPED IN 25MM ACOUSTIC INSULATION TO ROOF LEVEL



SHAFT WALL (ACCOMMODATION PODS)

BRITISH GYSPUM A306002 (B)MR1 (EN)

- 2 LAYERS 12.5MM GYPSUM FIRELINE PLASTERBOARD - MR TO OUTER FACE
- 60MM I 70 'I' STUDS
- 19MM GYPROC COREBOARD

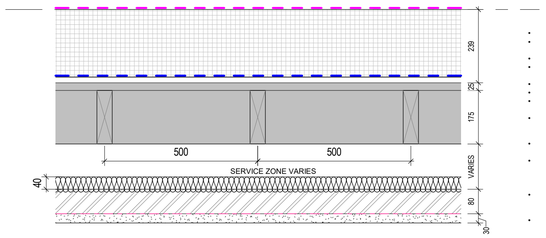
SERVICING STRATEGY REQUIRES CONFIRMATION TO DETERMINE PERFORMANCE REQUIREMENTS - MEP / FIRE ENGINEER COMMENT REQUIRED

FIRE RATING: 60EI
SOUND INSULATION: (AIRBORNE) (dB): 40
DUTY RATING: SEVERE
PARTITION THICKNESS: 87
MAXIMUM HEIGHT 4.4m

FLOORS

ROOF

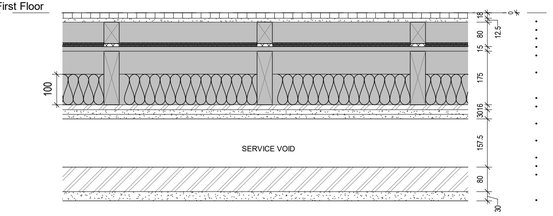
FFL 5.844 m
Roof



- SINGLE PLY MEMBRANE LAYER
- 220MM ROCKWOOL INSULATION (TO GIVE NOTED U VALUE)
- VAPOUR CONTROL LAYER LAID ONTOP 18MM WBP PLY
- TIMBER FIRRING LAYER TO ACCOMMODATE ROOF SLOPE @ 1:60 (25MM)
- 50X175 C24 TIMBER JOISTS @ 600C/C
- 80MM MF CEILING FRAME
- 50 MM ISOVER INSULATION ROLL LAID ON TOP OF CEILING BOARD
- TWO LAYERS 15 MM GYPROC SOUNDBLOC BOARD
- ACOUSTICS REPORT BY CUNDALL TO BE REVIEWED
- ALLOWANCE TO BE MADE FOR ALUMINIUM LAY IN GRID PANELS TO VILLAGE HALL KITCHEN AREAS TO FACILITATE ACCESS TO MVHR
- MOISTURE RESISTANT PLASTERBOARD TO BE USED IN ALL WET AREAS (KITCHENS / LAUNDRY / WC)
- ROOF CONSTRUCTION TO ALLOW ACCESS - NO PLANT CURRENTLY UNDERSTOOD TO BE LOCATED AT ROOF LEVEL

PARTY

FFL 2.860 m
01 First Floor

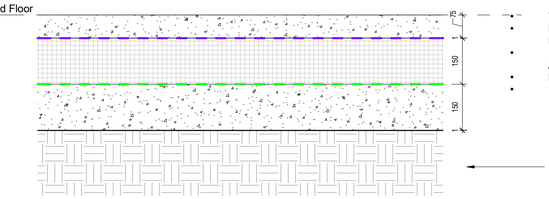


- 18MM T&G FLOORING BOARD
- 12.5MM GYPSUM BASED BOARD
- - 80MM ACOUSTIC BATTEN JCW 80T
- - MINERAL WOOL QUILT LAID BETWEEN BATTENS 13MM (MIN) 33-36KG/M3, OR 25MM (MIN) 10-36 KG/M³
- 15MM THICK (11MM MIN) WOOD BASED BOARD, DENSITY 600 KG/M3 (MIN) OR WALKER TIMBER PERFORATED DECK SYSTEM
- 50X175 C24 TIMBER JOISTS @ 600C/C TO SE DESIGN
- 100MM MINERAL WOOL QUILT INSULATION (OR CELLECTA MICRO 50)
- 16MM (MIN) METAL RESILIENT CEILING BARS MOUNTED AT RIGHT ANGLES TO THE JOISTS AT 400MM CENTRES
- 2NO LAYERS OF 15MM GYPSUM-BASED BOARD, COMPOSED
- MINIMUM 145MM SERVICE VOID CONFIRMED BY CWC
- -80MM MF CEILING FRAMES
- TWO LAYERS 15 MM GYPROC FIRELINE BOARD
- ACOUSTICS REPORT BY CUNDALL TO BE REVIEWED STRUCTURAL SIZES CONFIRMED BY CURTINS ON 09/12/22

175mm JOIST ZONE SUBJECT TO AGREEMENT WITH BUILDING CONTROL

GROUND

FFL 0.000 m
00 Ground Floor



- 75MM SAND CEMENT SCREED
- POLYTHENE SEPARATION LAYER (DASHED PURPLE)
- 150mm CELOTEX INSLUATION OR EQUAL APPROVED
- DPM (DASHED GREEN)
- 150MM SUSPENDED GROUND FLOOR SLAB

SUB STRUCTURE TO STRUCTURAL ENGINEER'S DESIGN AND DETAIL

NOTES

- All dimensions and levels are to be checked on site.
- Any discrepancies are to be reported to the architect before any work commences
- This drawing shall not be scaled to ascertain any dimensions. Work to figured dimensions only.
- This drawing shall not be reproduced without express written permission from AEW.
- Title overlay drawings and ownership boundaries are produced using all reasonable endeavors. AEW cannot be responsible for the accuracy or scale discrepancy of base plans supplied to them.
- All works are to be undertaken in accordance with Building Regulations and the latest British Standards.
- All proprietary materials and products are to be used strictly in accordance with the manufacturers recommendations.

This drawing contains the following model files: -

13095-AEW-XX-XX-M3-A-0002

CDM 2015

Client notified of duties: **06/09/22**
Principal Designer: **C-CDM Services**

Unless noted below, all known hazards have been highlighted on the drawing:

GENERAL NOTES

- SIGNAGE STRATEGY TBA WITH EMBASSY
- RWP'S SHOWN INDICATIVELY - FINAL POSITION AND QUANTITY SUBJECT TO DETAILED REVIEW AND SUB-CONTRACTOR INPUT

TARGET U-VALUES CONFIRMED BY ELEMENT

0.14W/M²K FLOORS
0.18W/M²K WALLS
0.16W/M²K ROOF - VERMONT TARGET 0.11W/M²K
1.4W/M²K WINDOWS
1.0W/M²K DOORS
AIR TIGHTNESS 3

ALL VALUES ARE SUBJECT TO REVIEW AND AGREEMENT
ALL U-VALUES FOLLOW 2021 EDITION OF APPROVED DOCUMENT PART L AND TO BE CONFIRMED BY ELEMENT

KEY:

- TILED WALL - FINISH TBC
- PATTRESSING
- MANIFESTATION (FINAL SIZE AND STYLE TBC)
- DRAINAGE ROUTES

LEGEND

- WATERPROOF LINE
- AIRTIGHTNESS LINE
- DPM
- POLYTHENE SEPARATION LAYER
- VAPOUR CONTROL LAYER

ALL DETAILS REPRESENT DESIGN INTENT
TO BE FULLY DETAILED AND COORDINATED WITH SPECIALIST SUBCONTRACTOR INPUT

GAS MEMBRANE REQUIREMENT TO BE CONFIRMED BY SE

Rev	Date	Description	Drawn by	Checked By
P10	28/03/25	Updates to Party Floor build up	JL	BS
P09	07/03/25	Amendments made to drawings following RFIs received	JL	BS
P08	29/01/25	General updates and SVP details amended for buildability	JL	BS
P07	12/12/24	Updates made to stage 5 following comments	JL	BR
P06	05/05/24	Updated Partition Notes added	RB	BR
P05	21/09/23	Stair layout and details updated	JL	BS
P04	21/07/23	Stage 4 Issue	AG	BS
P03	15/03/23	Stage 3 Issue - External Wall Types Updated	BS	BR
P02	16/02/23	Stage 3 Issue - Updated with minor comments	CM	BS
P01	10/02/23	Issued for Stage 3	BR	BS

Status: S2 — Purpose of Issue: For Information

drawing stage: **STAGE 5**

client: **Embassy Village**

project: **Embassy Village**

drawing title: **Typical Build-ups**

date: 10/10/22 — drawn: BS
scale @ A1: As indicated — checked: BR

Rev **P10**

Dwg No **13095-AEW-B1-XX-DR-A-6001**

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