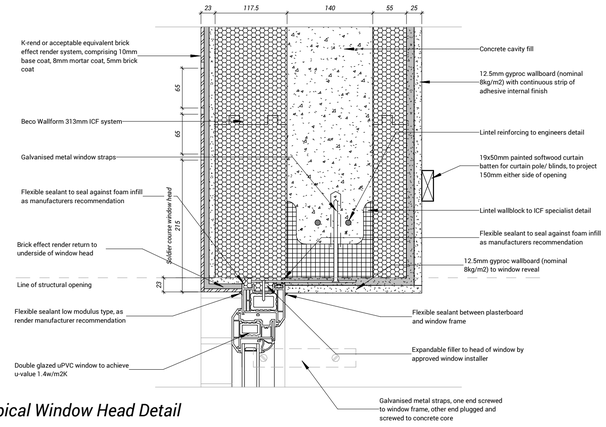
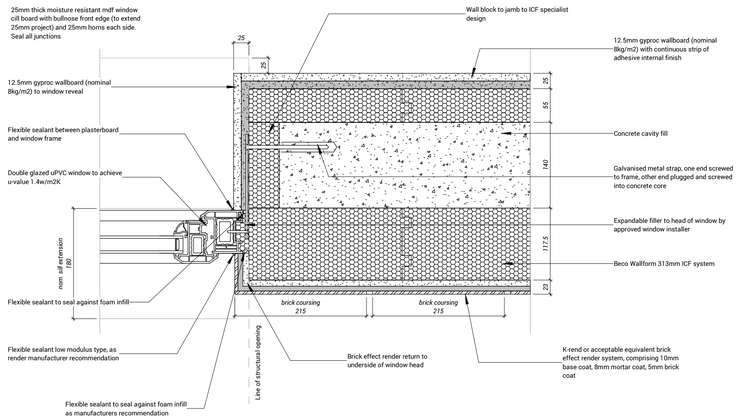
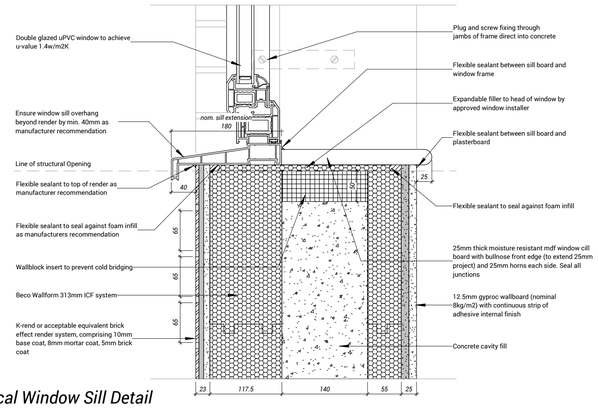


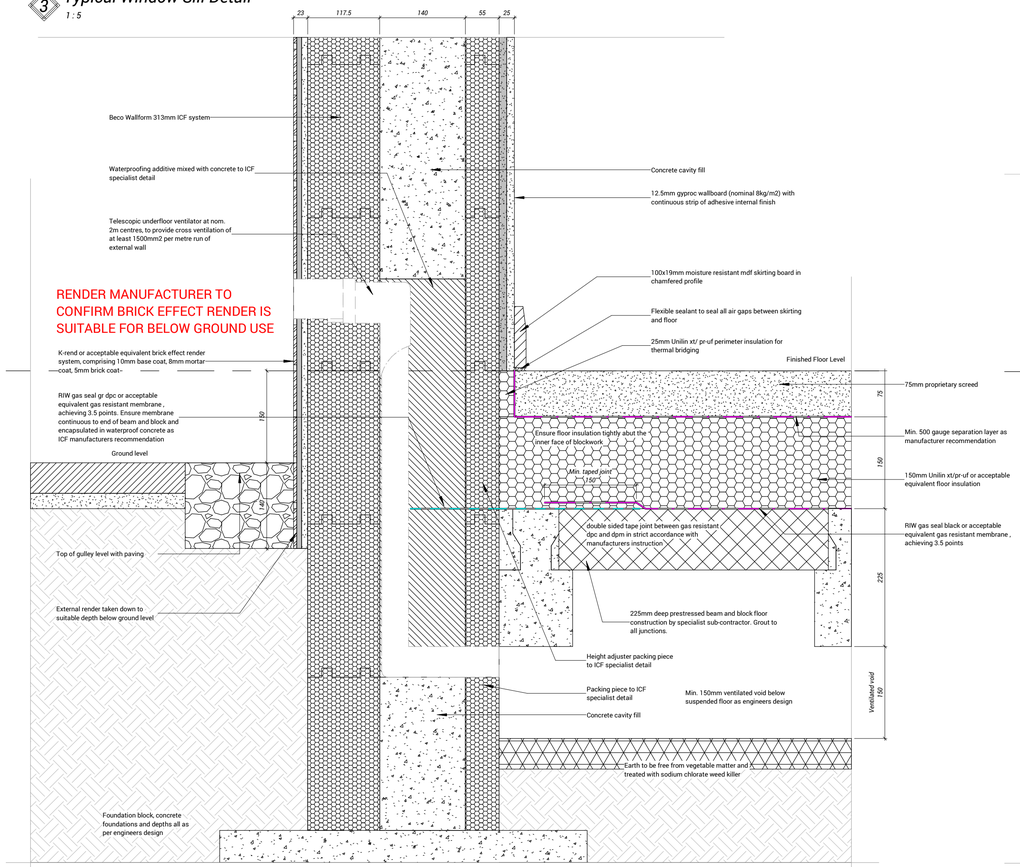

## 2 Typical Window Head Detail
1 : 5



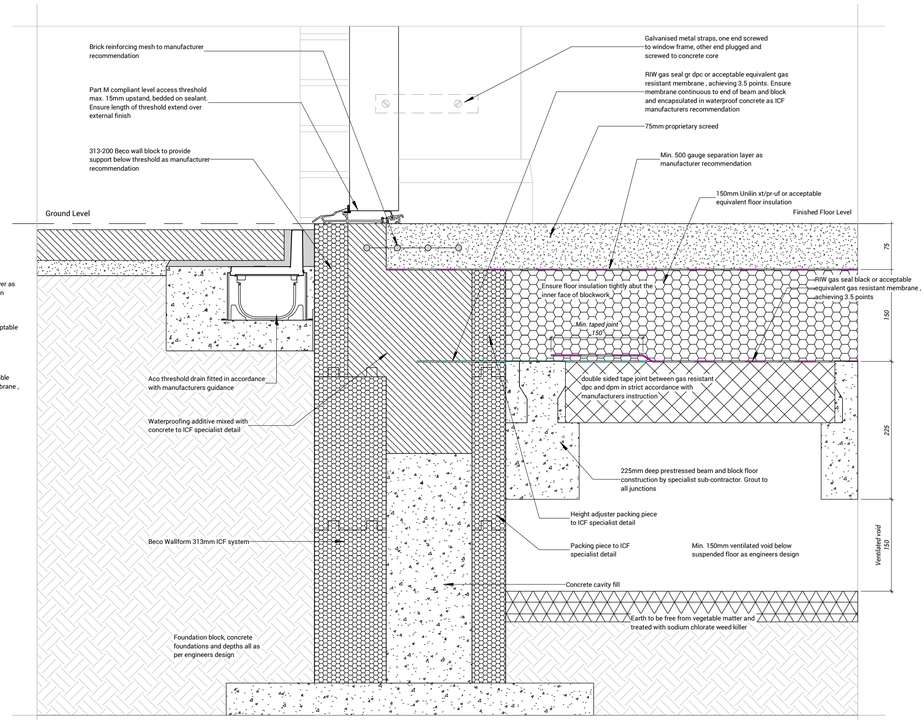

## 4 Typical Window Jamb Detail
1 : 5




## 3 Typical Window Sill Detail
1 : 5




## 1 Typical Ground Junction Detail (Parallel Floor Beam)
1 : 5




## 5 Typical Level Access Threshold
1 : 5

**DESIGN IN ACCORDANCE WITH APPROVED DOCUMENT PART L - 2021 EDITION**

**THERMAL BRIDGING JUNCTIONS (PSI-VALUE) TO BE CALCULATED BY APPOINTED SAP ASSESSOR**

**DETAILS ACHIEVE THE FOLLOWING U-VALUE:**

**GROUND FLOOR - 0.11w/m2K**
**EXTERNAL WALL - 0.18w/m2K**
**PARTY WALL - 0w/m2K**
**COLD ROOF - 0.11w/m2K**
**WINDOW AND GLAZED DOOR - 1.4w/m2K**

**KITCHEN TO BE LINED WITH MOISTURE RESISTANT PLASTERBOARD**

**BATHROOM TO BE LINED WITH FIBRE CEMEMT BOARD WITH POSEIDON WATERPROOFING PAINT INTERNAL FINISH AS NHBC TECHNICAL GUIDANCE 9.2/06**

**GAS MEMBRANE - NOTES**
**TAKEN FROM 'PROTECTIVE MEASURES FOR HOUSING ON GAS-CONTAMINATED LAND' BRE**

**THERE SHOULD BE NO MOVEMENT JOINTS IN THE SUBSTRUCTURE MASONRY BELOW THE MEMBRANE LEVEL AND ALL PERPENDS, GAPS AND OPENING SHOULD BE SEALED TO AVOID GAS MIGRATION.**

**BEFORE LAYING THE MEMBRANE, THE BEAM AND BLOCK FLOOR SHOULD BE THOROUGHLY WETTED AND ALL JOINTS GROUTED WITH A 4:1 SAND:CEMENT GROUT BRUSHED INTO ALL THE JOINTS. ALL PROJECTIONS THAT MAY PUNCTURE OR DAMAGE THE MEMBRANE MUST BE REMOVED. A LAYER OF SACRIFICIAL POLYETHYLENE COULD BE USED.**

**GAS MEMBRANE SHOULD SPAN THE CAVITY AND BE SUPPORTED OVER THE CAVITY WITH CONCRETE FILL OR FOAMED PLASTICS INSERTS AND BE CONTINUOUS ACROSS THE INTERNAL WALLS.**

**JOINTS IN THE GAS RESISTANT MEMBRANE SHOULD BE OVERLAPPED AND TAPED OR SITE WELDED TO MANUFACTURERS SPECIFICATIONS. IF THE JOINTS ARE SITE WELDED, CARE IS NEEDED TO AVOID DAMAGING THE MEMBRANE DURING THE WELDING OPERATION. TO AVOID THE POTENTIAL FOR MIGRATION PATHWAYS FROM POORLY CONSTRUCTED JOINTS, AN ALTERNATIVE TO SITE WELDING IS TO INSTALL A PREFABRICATED MEMBRANE AS A SINGLE SHEET MANUFACTURED TO THE SAME PLAN DIMENSIONS AS THE GROUND FLOOR.**

**THE GAS RESISTANT MEMBRANE SHOULD BE PROTECTED UNTIL THE SCREED IS LAID, FOR EXAMPLE WITH BOARDING. ANY DAMAGE TO THE MEMBRANE SHOULD BE MADE GODO AFTER THE REMOVAL OF THE PROTECTION AND BEFORE LAYING THE SCREED.**

**THE GAS RESISTANT MEMBRANE MATERIAL WHERE USED AS A DAMP PROOF COURSE MUST COMPLY WITH THE RELEVANT BRITISH STANDARDS OR BRITISH BOARD OF AGREMENT (BBA) CERTIFICATE FOR DAMP PROOF COURSES.**

**CARE SHOULD BE TAKEN TO ENSURE THE GAS RESISTANT MEMBRANE AND DAMP PROOF COURSE IS CONTINUOUS AROUND DOOR OPENINGS.**

**SOIL GAS CAN ACCUMULATE IN SERVICE TRENCHES AND MANHOLES SO WHERE THESE FORM A GAS MIGRATION PATHWAY, THEY SHOULD BE SEALED WITH A GAS TIGHT SEAL. CIRIA REPORT 149, PROTECTING DEVELOPMENT FROM METHANE, DESCRIBES METHODS OF SEALING SERVICE TRENCHES AND MANHOLES.**

NOTES:

1. DO NOT SCALE from the drawing
2. Further dimensions required to be requested from the project technical team
3. Report discrepancies to JDDK project team immediately.
4. This model file contains the following consultants model files:-
   a) Structural Engineer
   b) Mechnical Model
   c) Electrical Model
   d) Subcontractor Model

| REV | ISSUED BY | DATE | DESCRIPTION |
|---|---|---|---|
| C2 | CKY | 28/06/2024 | Sub floor vent reverted back to telescopic vent. |
| C1 | CKY | 28/05/2024 | Updated to contractors comment - ground vent in lieu of telescopic vent. issued for stage 5. |
| P2 | CKY | 08/02/2024 | Sleeper wall added as engineers design. floor beam changed to 225mm. |
| P1 | CKY | 18/01/2024 | Updated to ICF manufacturer recommendation. Line of gas membrane amended. angle plate added to threshold. |
| P0 | CKY | 05/01/2024 | First drawing issue. |

REVISION LOG


JDDK Architects
Millmount Ponteland Road
Newcastle upon Tyne
NE5 3AL
t. 0191 286 0811
f. 0191 286 3870
e. millmount@jddk.co.uk
jddk.co.uk
DISCOVER DESIGN DELIVER


**CLIENT**
Advance Northumberland

**PROJECT TITLE**
Lyndon Walk

**PROJECT ADDRESS**

**TITLE**
Details Sheet 1

**MAIN CONTRACTOR**

**QUANTITY SURVEYOR**

**M&E CONSULTANT**

**STRUCTURAL CONSULTANT**

**OTHER CONSULTANT**

**DRAWING No.** 4355-JDDK-XX-XX-DR-A-50101
**REV** C2

**JDDK INTERNAL REF:** 4355
**JDDK REF NO:** 50.101
**SCALE:** As indicated @ A1
**INITIAL ISSUE:** 04/01/2024
**DRAWN BY:** CKY
**CHECKED BY:** CKY
**STATUS:**
**PURPOSE OF ISSUE:** Stage 5