

[illegible]

General Notes

- G1. This drawing is to be read in conjunction with all relevant Client, Architects & Specialists Drawings & Specifications.
- G2. All materials & workmanship shall be in accordance with NHBC Standards;

Concrete Mixes

- C1. Unless noted otherwise, mixes shall be designated mixes in accordance with BS8500 and NHBC Standards Section 2.1, as follows:

| Location | Mix | Max Agg Size (mm) | Consistency Class |
|----------------------|---------|-------------------|-------------------|
| Ground floor slab | RC28/35 | 20 | S2 |
| concrete foundations | Gen 1 | 20 | S3 |

The above mix details for concrete in contact with the ground are based upon design sulphate class DS-1, ACEC class AC-1. Refer to site specific Soil Investigation Report for site specific modifications to the above mixes.

- C2. All workmanship, including formwork, reinforcement, testing, casting and curing, shall be in accordance with NHBC Standards Section 2.1
- C3. Cover to reinforcement to be as follows:

Top of slab 25 mm
Btm of slab 40 mm

- C4. Minimum laps in reinforcement to be as follows:

Mesh Ends - 400 mm
Mesh Sides - 250 mm

Foundation Notes

- F1. Foundations widths have been based on an allowable design ground bearing capacity of 100kN/m². Refer to site specific soil investigation report for sie specific bearing capacity.
- F4. Foundation formation depths are to be stepped in accordance with NHBC Standards.
600 Denotes width of foundations refer to plan.
- F5. Where ground conditions are locally poor or unsuitable at the minimum specified depth, the formation level is to be extended down to an approved bearing strata in lean mix concrete.
- F6. Where the following conditions occur, and have not been identified within the Geo-environmental report or on other drawings, further advice should be sought:
- Presence of trees, on or around the site
 - Presence of ponds and/or streams
 - Knowledge of, or discovery of, tipped or waste materials
 - Knowledge of, or discovery of, old mine or quarry's
 - Ground slopes greater than anticipated.
- F7. Foundation excavations should take due account of external services.
- F8. Excavations for foundations are to be inspected by the Local Authority/ NHBC Inspector prior to casting.

Substructure Masonry Notes

- M1. For brickwork specification refer to Architect's Details.
- M2. The contractor is to provide all temporary bracing/ strutting to brick/ block walls to ensure their stability.

Ground Floor Slab Notes

- G1. The ground floor slab is designed as suspended and is to be cast on a sub-base of clean well graded, inert selected site fill material. This material should be nominally compacted to provide a suitable base for receiving freshly poured concrete and shall be blinded with fines and covered with 1200g DPM. For below floor insulation requirements refer to architects specification.
- G2. All ground floor slabs to be 150mm thick, U.N.O. and reinforced in accordance with details shown on the drawing. Slabs are to receive a power float finish in accordance with Redrow Homes specification and requirements.
- G4. The main bars, at 100mm centres, are to be placed parallel with the span directions shown thus: - and shall be located nearest to the outer faces of the slab.

(DL:-kN/m) (IL:-kN/m) Indicates Dead & Imposed service line loads in kN/m. These loads include all superstructure loadings and the ground floor slab. All loadings below the slab are to be added to the loads shown. The above statement is based on information contained in drawings for EG_CHTR_DM If there are any subsequent revisions to these drawings, refer to Redrow Homes for further instruction

Schedule of sections:

| | |
|-------------------------------|--------------------------------|
| Section 1-1 = SD-G-RCUFH0001 | Section 2-2 = SD-G-RCUFH0002 |
| Section 3-3 = SD-G-RCUFH00057 | Section 4-4 = SD-G-RCUFH00058 |
| Section 5-5 = SD-G-RCUFH00062 | Section 6-6 = SD-G-RCUFH00069 |
| Section 7-7 = SD-G-RCUFH00070 | Section 8-8 = SD-G-RCUFH0007 |
| Section 9-9 = SD-G-RCUFH0006 | Section 10-10 = SD-G-RCUFH0005 |

External footings generally to be:

600mm Wide x 175mm Deep.

Internal footings generally to be:

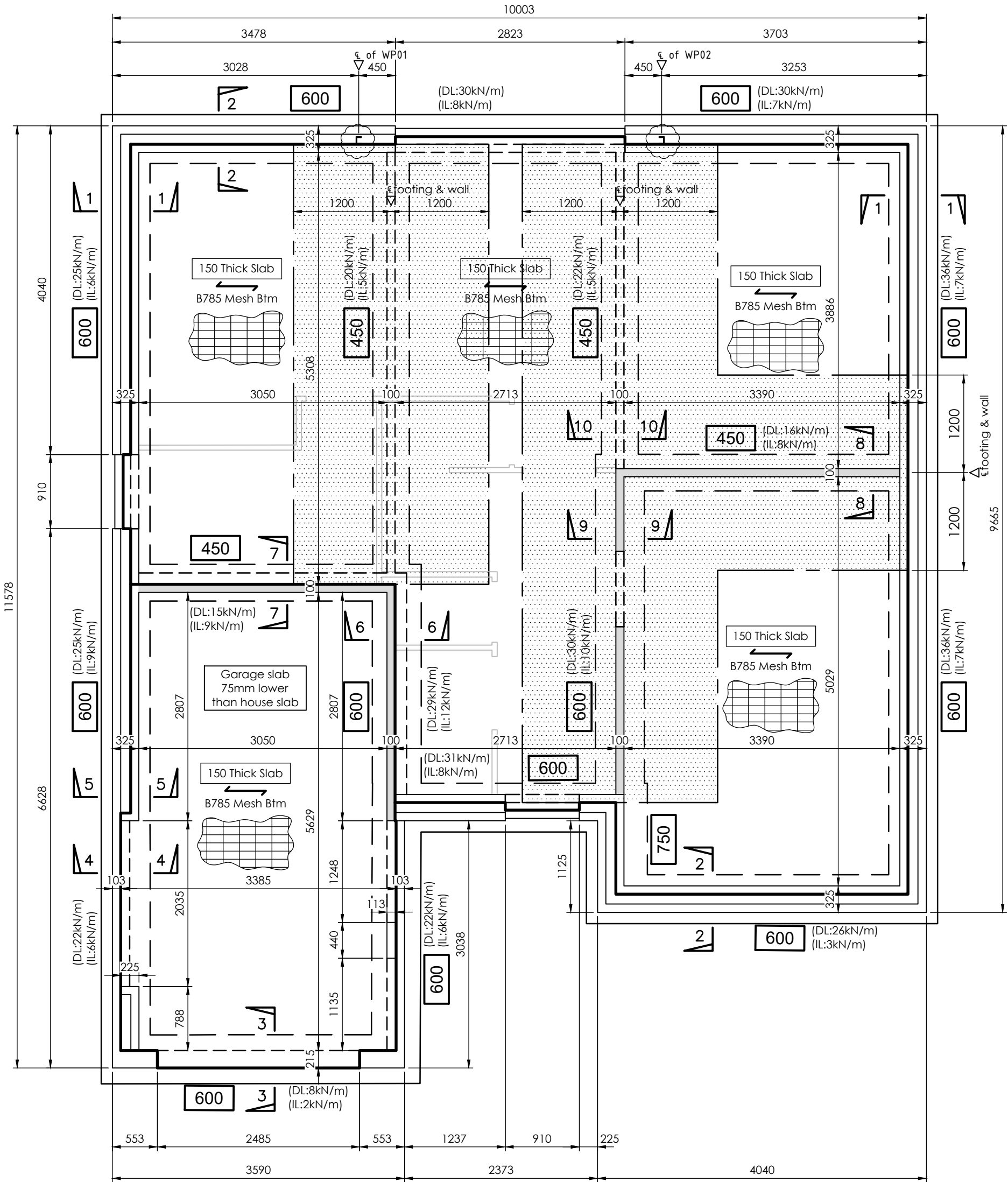
450mm Wide x 175mm Deep.
600mm Wide x 225mm Deep.

Indicates internal loadbearing walls

Indicates timber partitions

Refer to Redrow details for setting out

Areas hatched thus indicate extent of A193 mesh top unless noted otherwise



CDM Key

For details refer to CDM sheet

| Element | Hazard |
|-------------------------|-------------------------------|
| Foundations | Collapse |
| | Falls |
| | Health |
| | Manual handling |
| Ground floor structural | Man handling-steel and lintel |

| | | | |
|------|------|---------|----|
| Mark | Date | Details | By |
|------|------|---------|----|

Revision history

Drawing originator:



Client:



Project title:

Redrow Homes Group
Standard Housetype Catalogue

Drawing title:

Chester (EG_CHTR_DM)
Foundation/RC Slab layout
BETTS_EG_CHTR_DM_RCSLAB

Scale: As Indicated for the original size of A2

Drawn by: MC | Checked by: MC | Passed by: | Date: JUN 22

Drawing status:

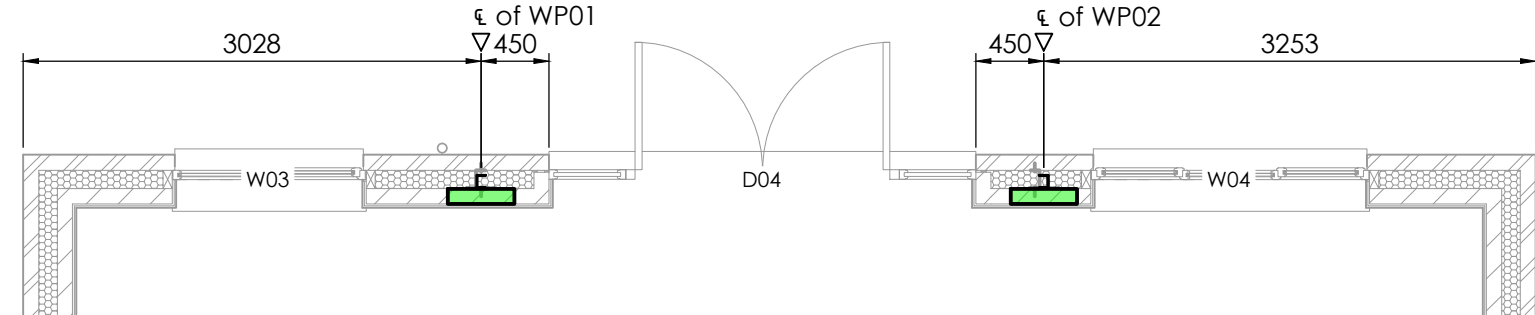
Construction

| | | | | | | | | | |
|---------|-------------|---------|--------|--------|-------|------|---------|--------|-----------|
| Job No: | Drawing No: | Project | Origin | Volume | Level | Type | Discip. | Number | Revision: |
| RED737 | CHTR | BET | | | | | | 01 | - |

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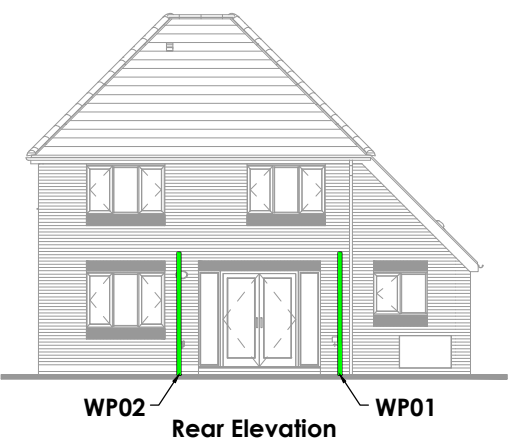
6-7 Old Marsh Farm Barns, Welsh Road, Sealand, Flintshire, CH5 2LY
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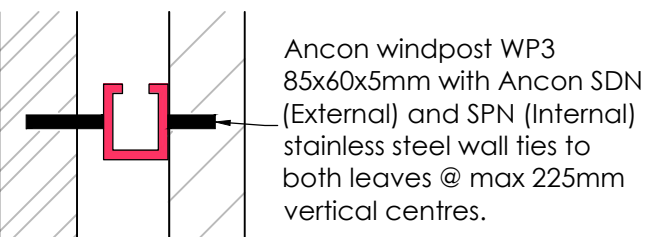
WIND POST LOCATION AT GROUND FLOOR

All dimensions must be checked against latest Redrow drawings
All windposts are Ancon WP3 (or similar approved)

All steel windposts, wall ties, plates and bolts to be stainless steel.



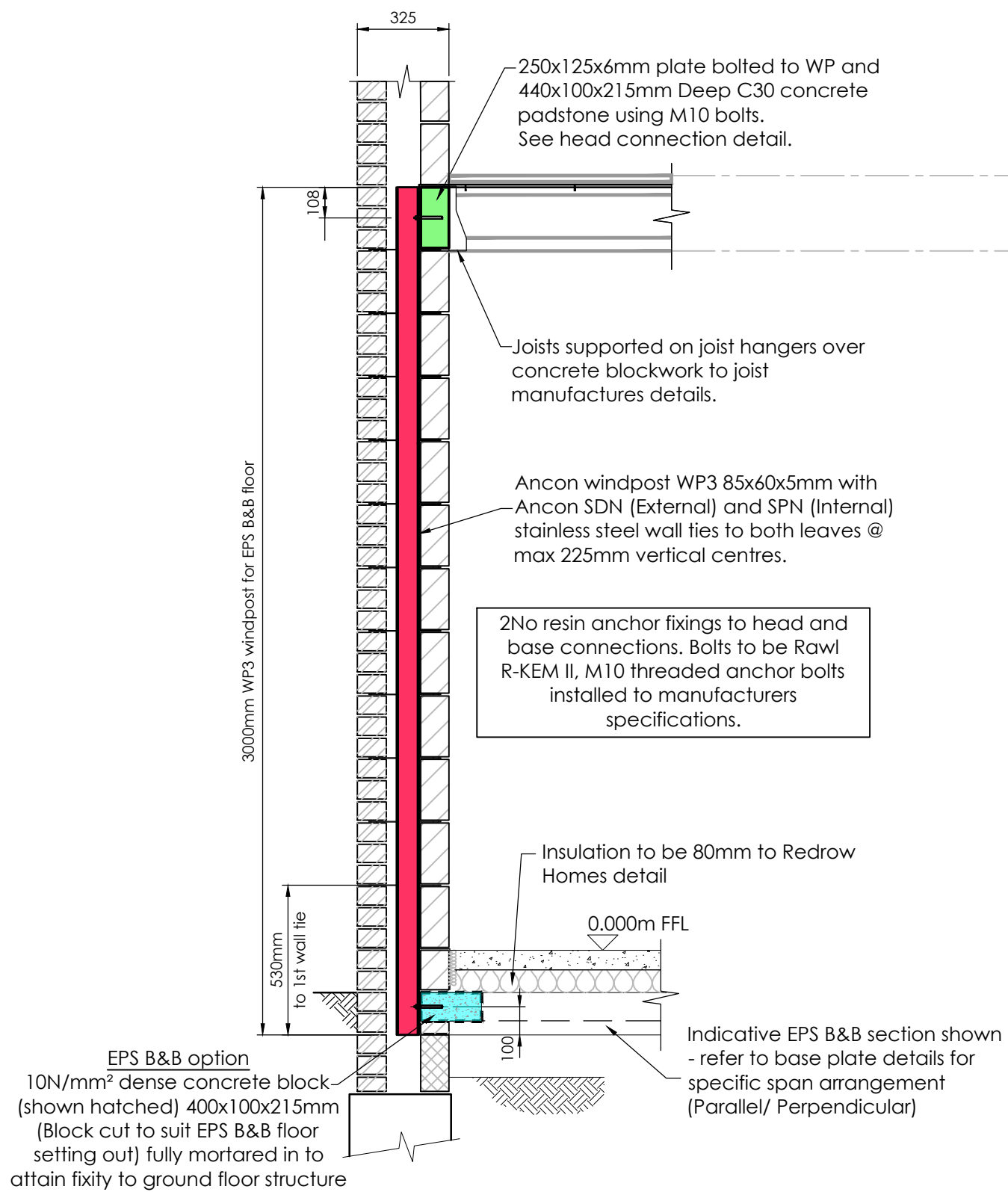
WINDPOST LOCATION ELEVATION SHOWING WP01 & WP02



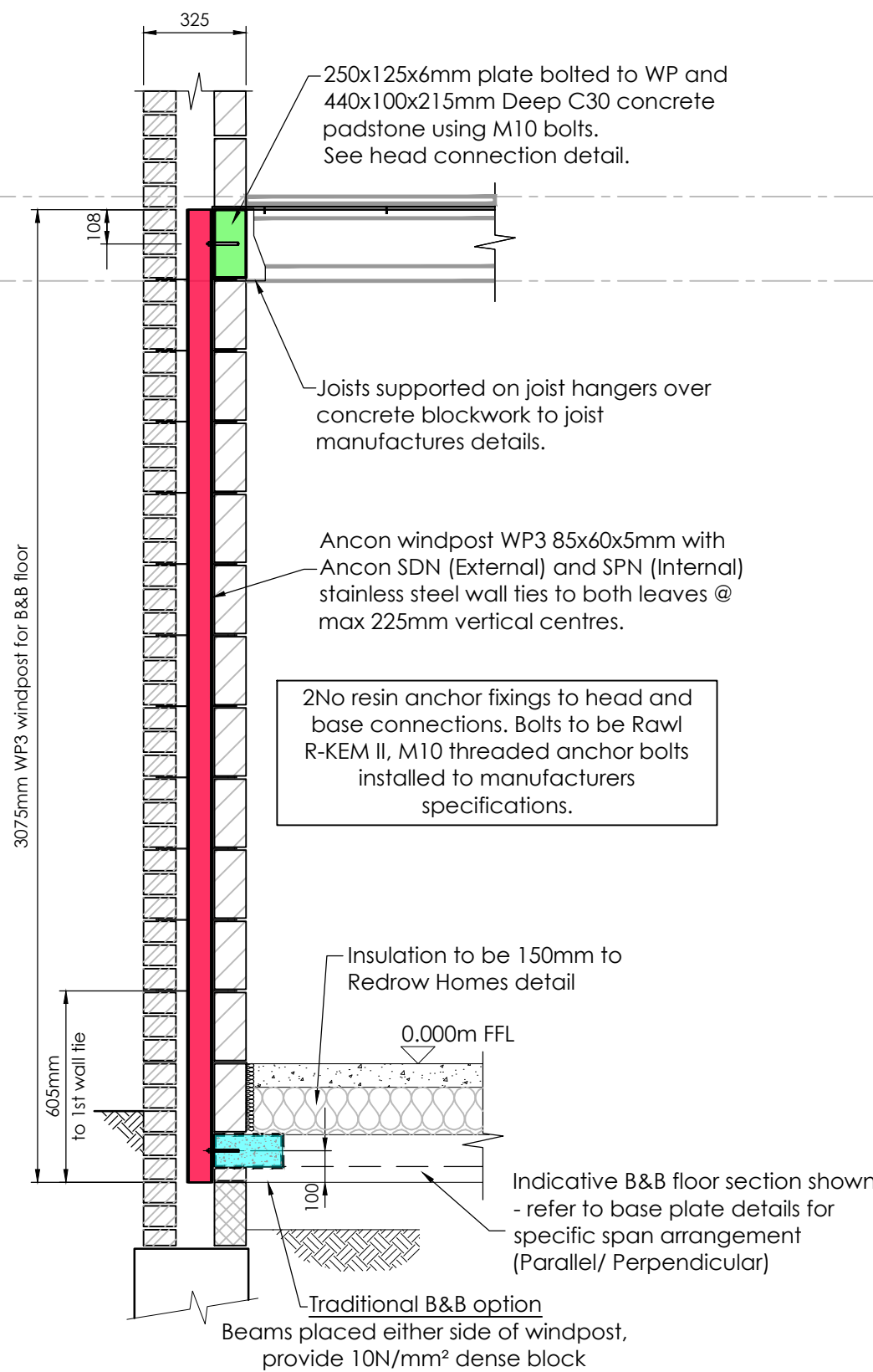
Plan on windpost

Note different windpost lengths for each floor type and windpost position:

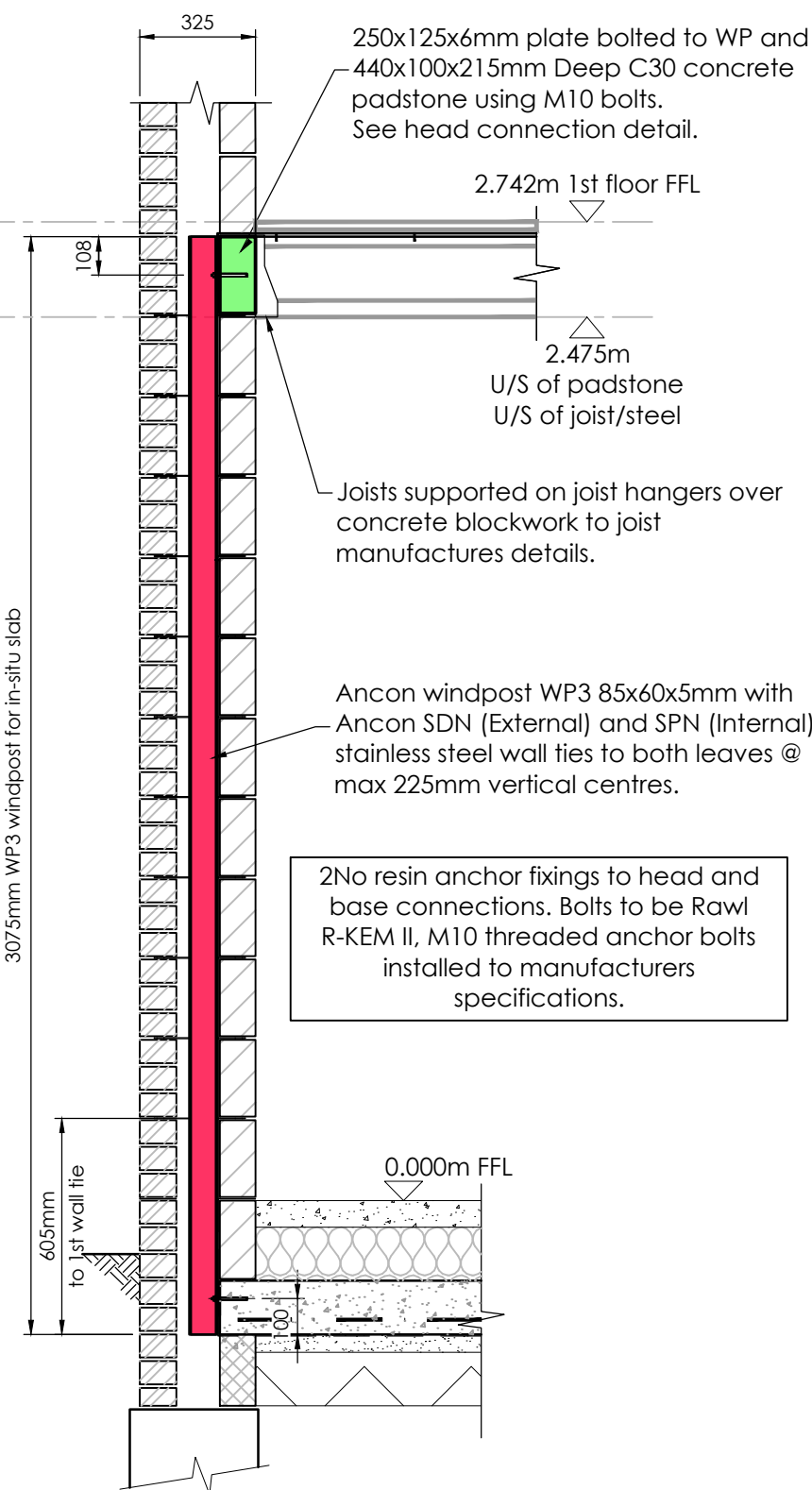
WP01 / WP02 - In-situ slab - 3075mm
Beam & Block - 3075mm
EPS Beam & Block - 3000mm



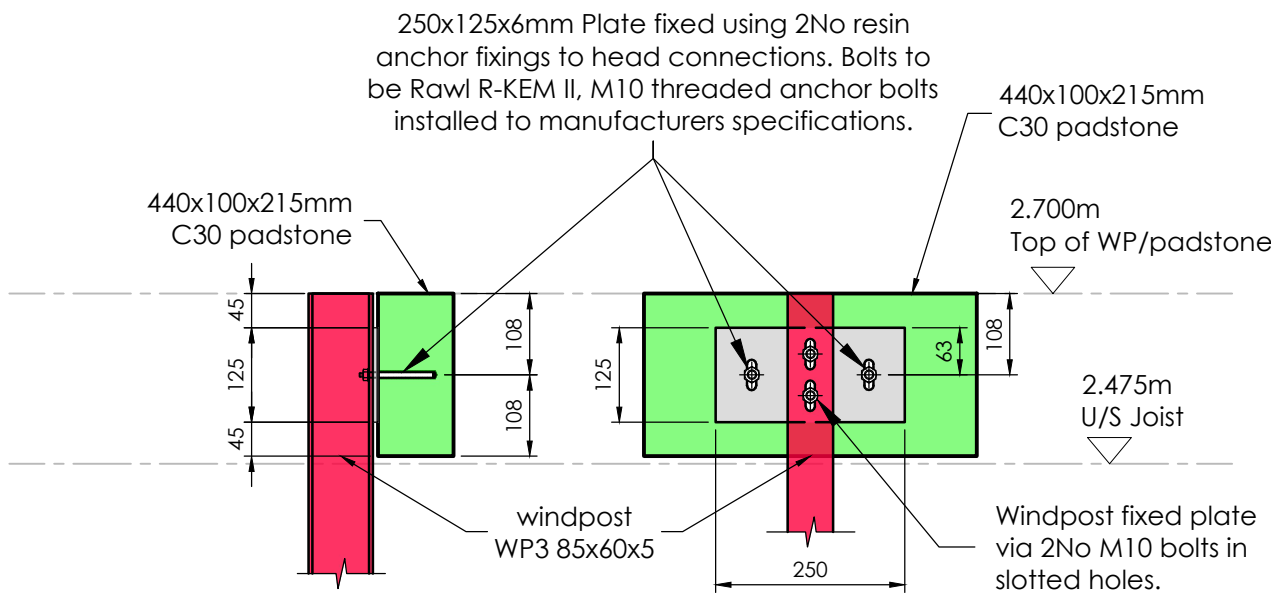
Windpost WP01 & WP02
Detail EPS Beam & Block



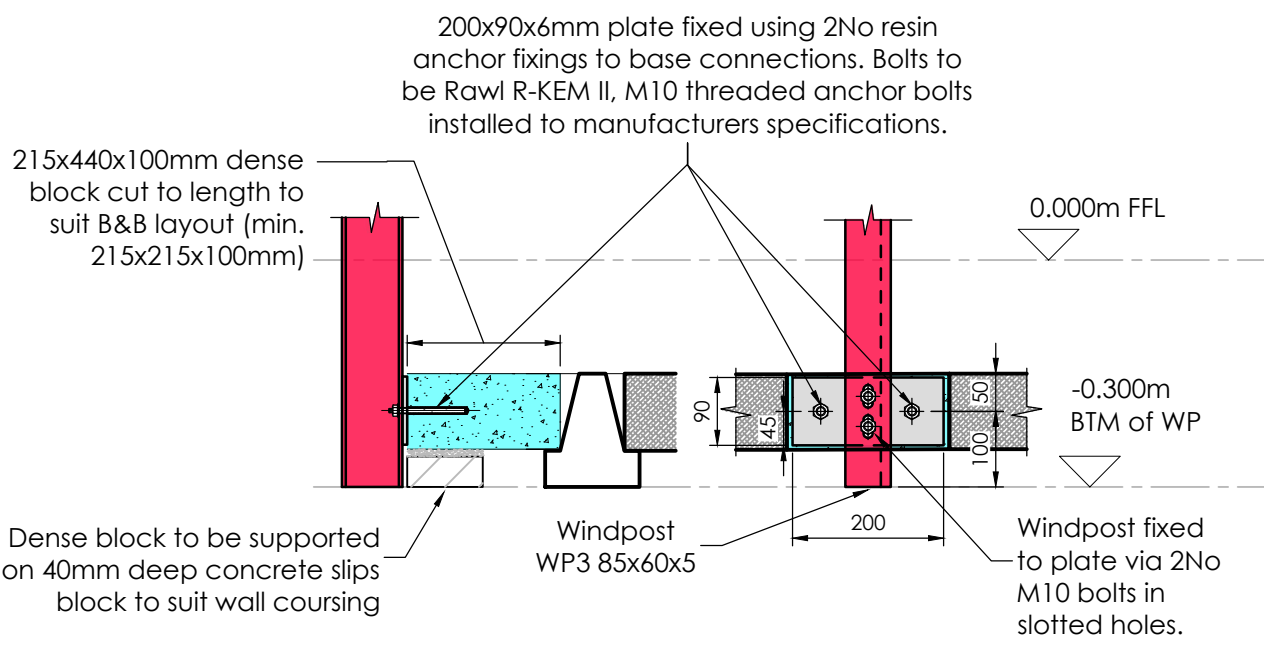
Windpost WP01 & WP02
Detail Beam & Block



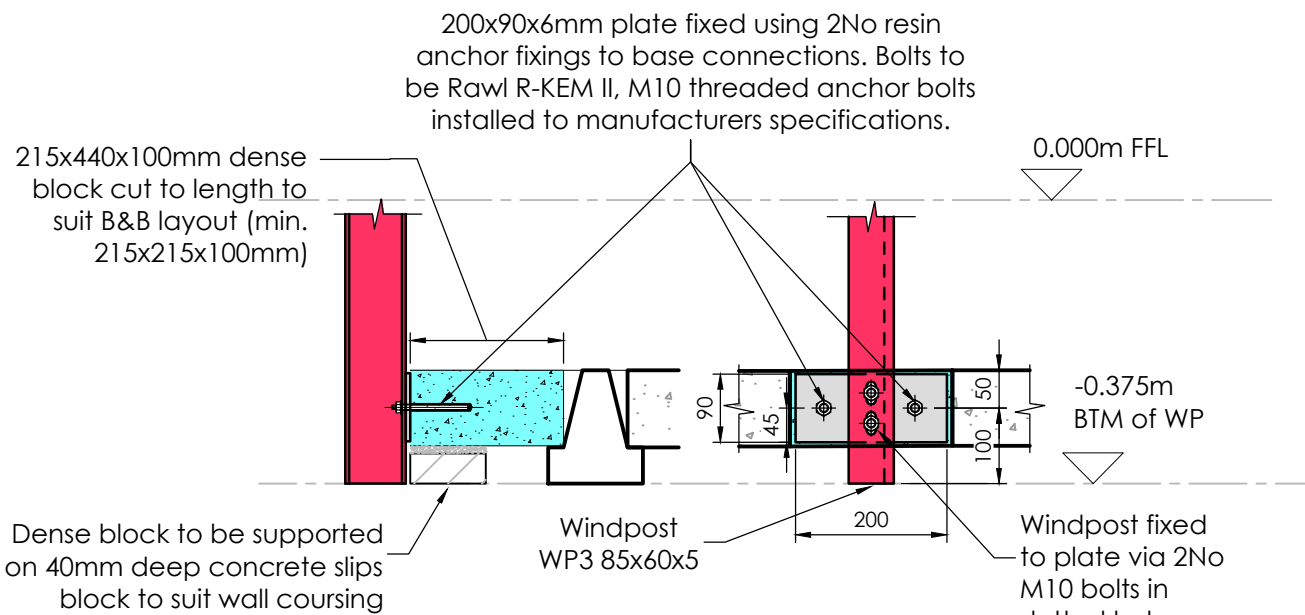
Windpost WP01 & WP02
Detail In-Situ Slab



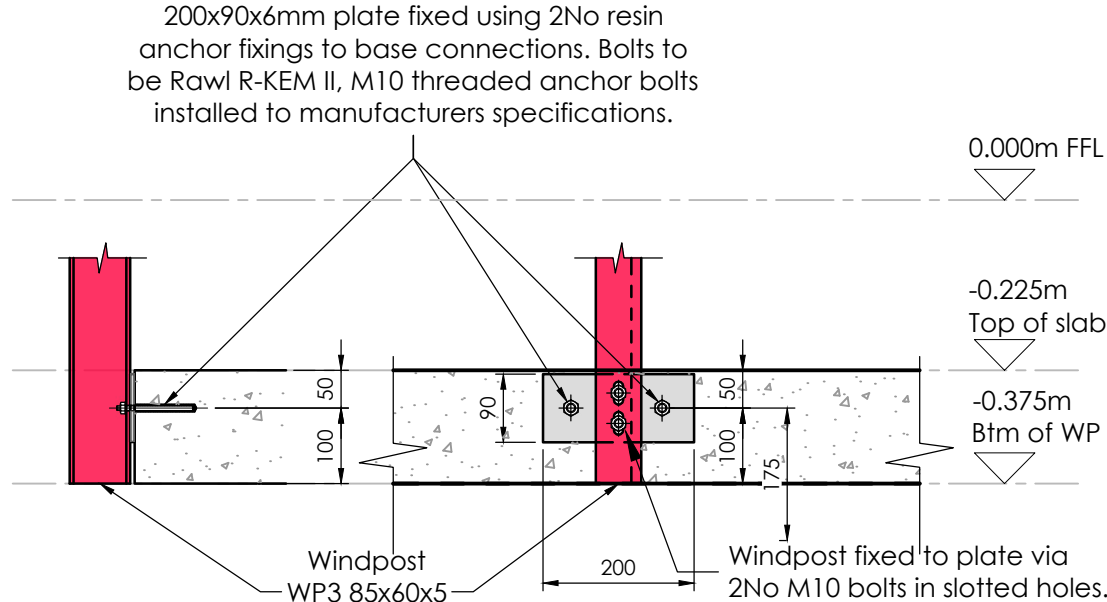
Head plate detail



EPS Beam & Block Base plate detail WP01 & WP02
Floor spans parallel to wall



B&B Base plate detail WP01 & WP02
Floor spans parallel to wall



RC slab + underfloor heating
base plate detail

| Mark | Date | Details | Revision history | By |
|------|------|---------|------------------|----|
|------|------|---------|------------------|----|

Drawing originator:



Client:



Project title:

Redrow Homes Group
Standard Housetype Catalogue

Drawing title:

Chester (EG_CHTR_DM)
Ground Floor Windpost Details
BETTS_EG_CHTR_DM_Windpost WP01 & WP02

Scale: As Indicated for the original size of A1

Drawn by: KF Checked by: MC Passed by: Date: Oct 22

Drawing status:

Construction

| Job No: | Drawing No: | Project | Origin | Volume | Level | Type | Discp. | Number | Revision: |
|---------|-------------|---------|--------|--------|-------|------|--------|--------|-----------|
| RED737 | CHTR | BET | | | | | | 03 | - |

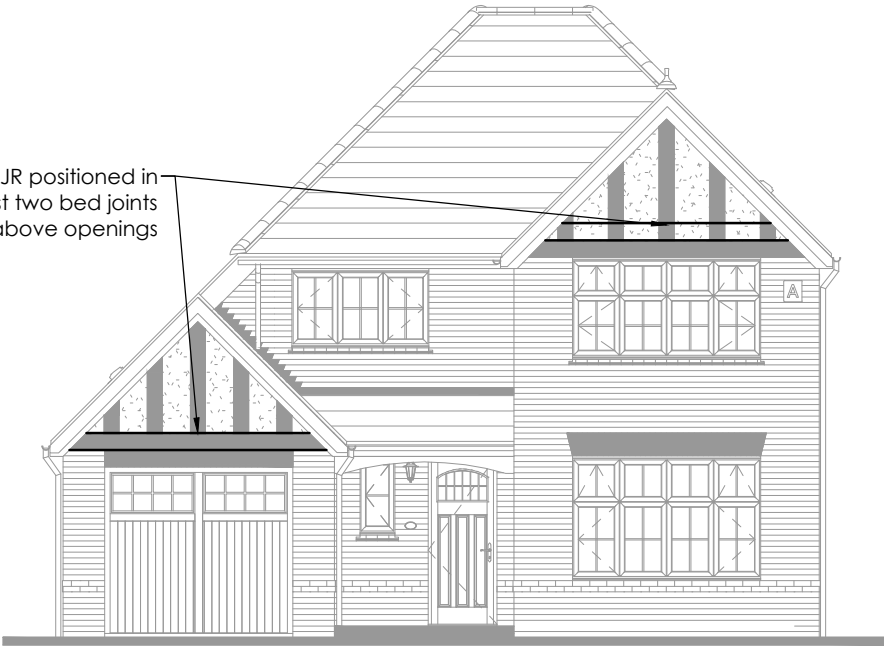
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Movement joints and bed joint reinforcement indicated apply only when house is built as shown. if house is built as a semi-detached or terrace refer to block drawings for details.

See Redrow Homes standard details for movement joint construction details.

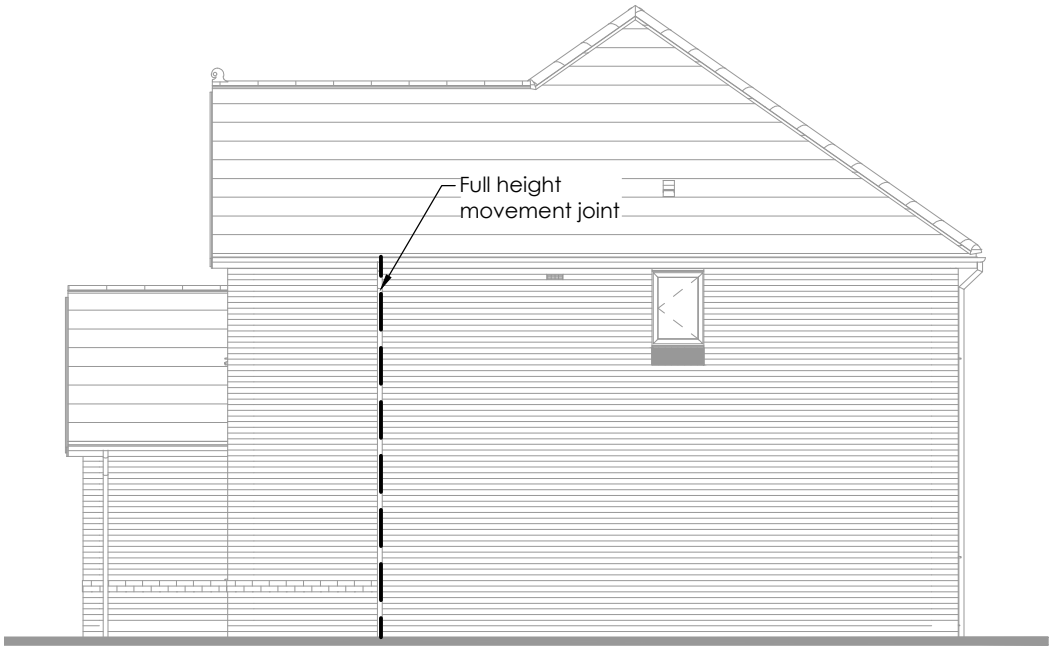
All exposed sub-DPC masonry over 600mm in height will require movement joints at max 6m (or to follow on from MJs in the superstructure, whatever is less centers)

SBF35W60 BJR positioned in the first two bed joints immediately above openings



Front Elevation

Full height movement joint



Side Elevation

Provide SBF35W60 BJR @ max 225mm c/c in accordance with Bekaert specifications



Rear Elevation



Side Elevation

| Mark | Date | Details | By |
|------------------|------|---------|----|
| Revision history | | | |

Drawing originator:



Client:



Project title:

Redrow Homes Group
Standard Housetype catalogue

Drawing title:

Chester (EG_CHTR_DM)

Movement Joint/Bed joint reinforcement Elevations

BETTS_EG_CHTR_DM_MJ & BJR Elevation B1

Scale: 1:50 for the original size of A3

Drm by: MC | Chkd by: MC | Passed by: | Date: JUN 22

Drawing status:

Construction

| Job No: | Drawing No: | Project | Origin | Volume | Level | Type | Discip. | Number | Revision: |
|---------|-------------|---------|--------|--------|-------|------|---------|--------|-----------|
| RED 737 | CHTR BETTS | - | 0 | DR | S | 04 | - | - | - |

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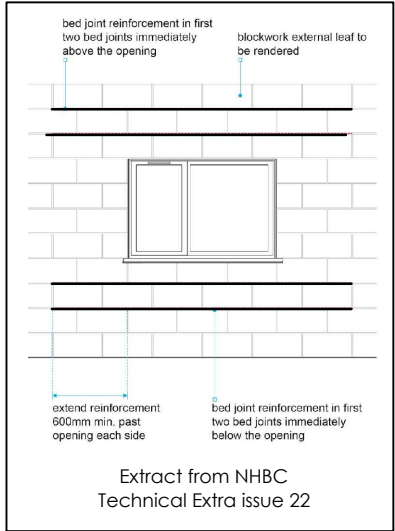
Chester 01244 288178 | Altrincham 0161 613531 |

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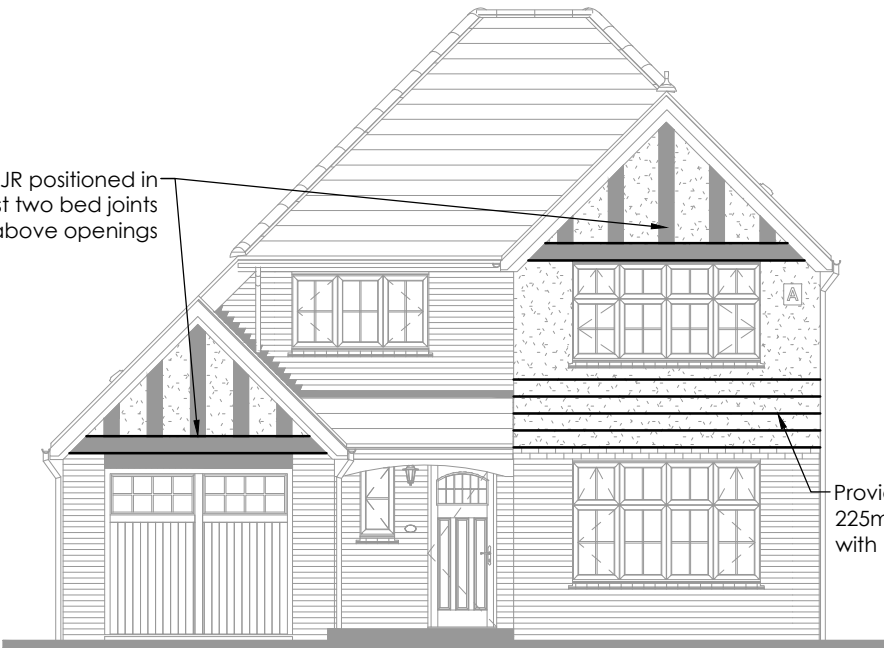
All blockwork which is to receive a render finish is to be 100mm, 3.6N/mm² with a density of at least 1350Kg/m³. Blocks specified for internal leaf of external walls must not be used on external leaf.



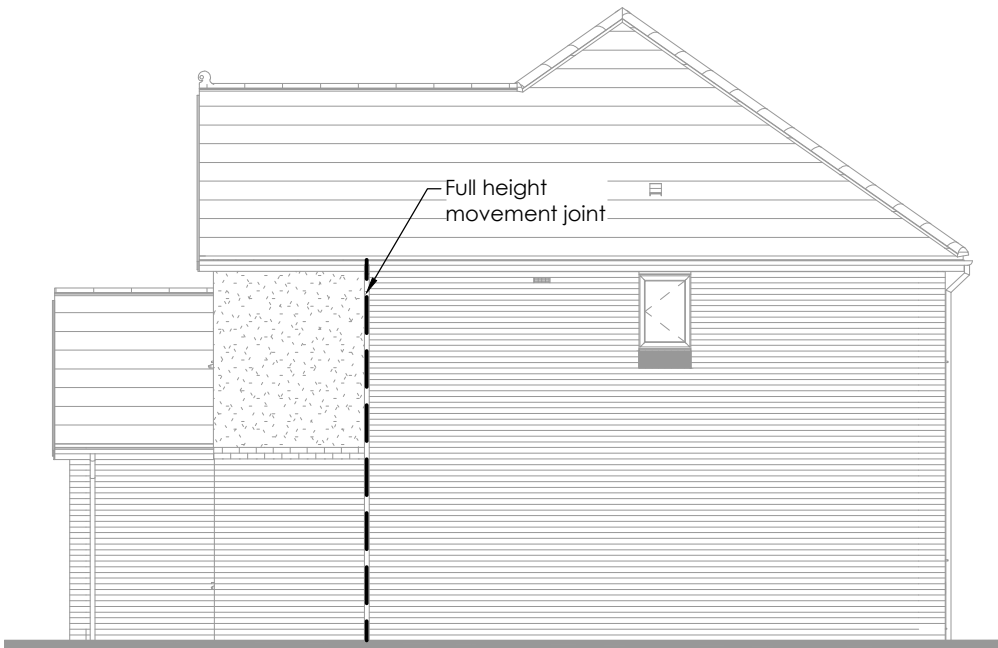
SBF35W60 BJR positioned in the first two bed joints immediately above openings

Provide SBF35W60 BJR @ max 225mm c/c in accordance with Bekaert specifications

Full height movement joint



Front Elevation



Side Elevation

Provide SBF35W60 BJR @ max 225mm c/c in accordance with Bekaert specifications



Rear Elevation



Side Elevation

Mark | Date | Details | By

Revision history

Drawing originator:



Client:



Project title:

Redrow Homes Group
Standard Housetype catalogue

Drawing title:

Chester (EG_CHTR_DM)

Movement Joint/Bed joint reinforcement Elevations

BETTS_EG_CHTR_DM_MJ & BJR Elevation A1

Scale: 1:50

for the original size of A3

Drm by: MC

Chkd by: MC

Passed by:

Date: JUN 22

Drawing status:

Construction

Job No:

Drawing No:

Project Origin Volume Level Type Discp. Number Revision:

RED 737

CHTR | BETTS

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