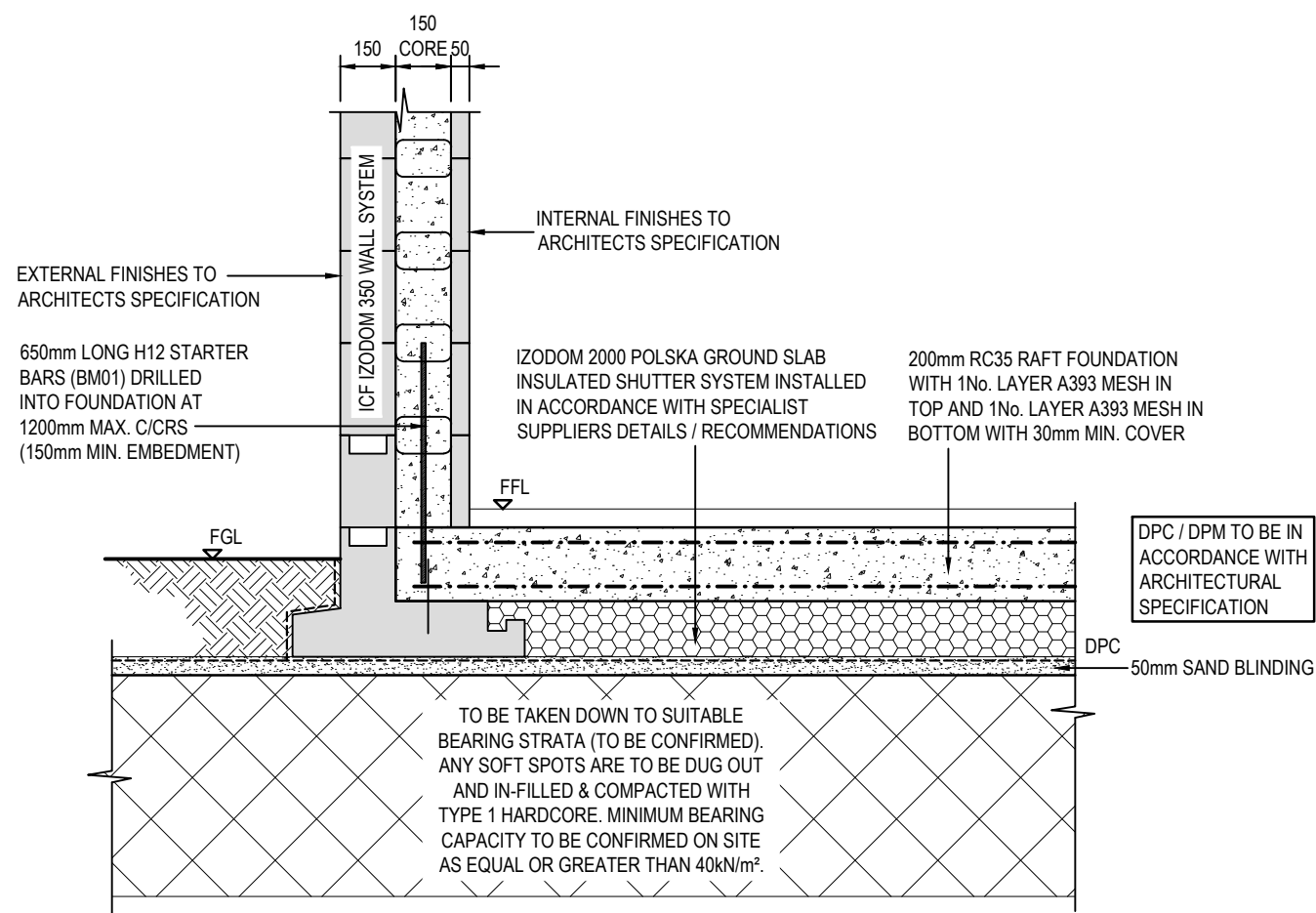
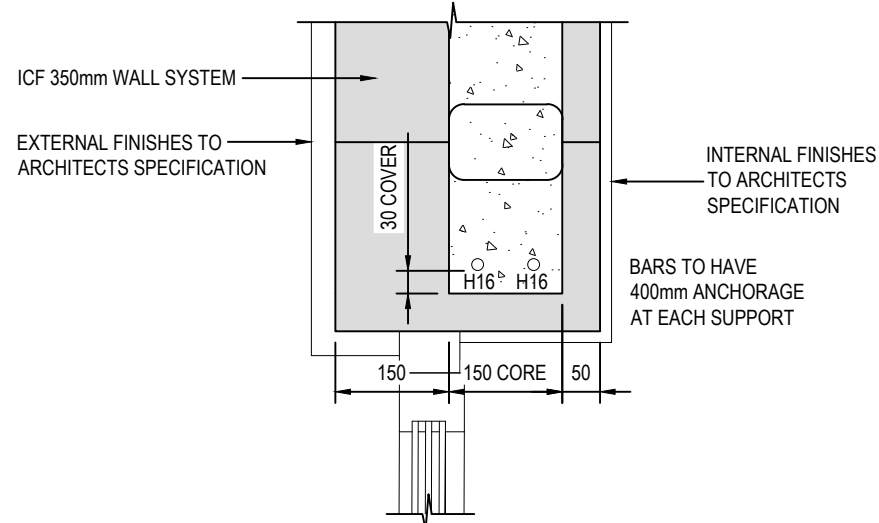
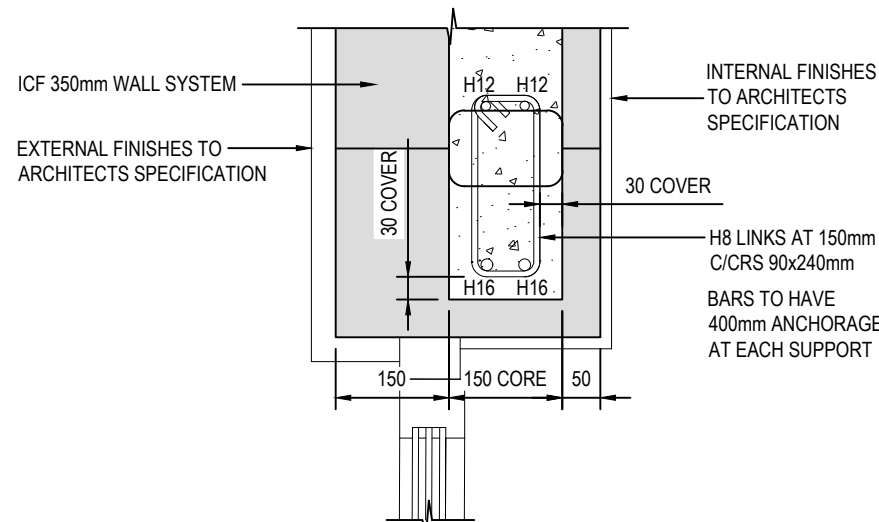




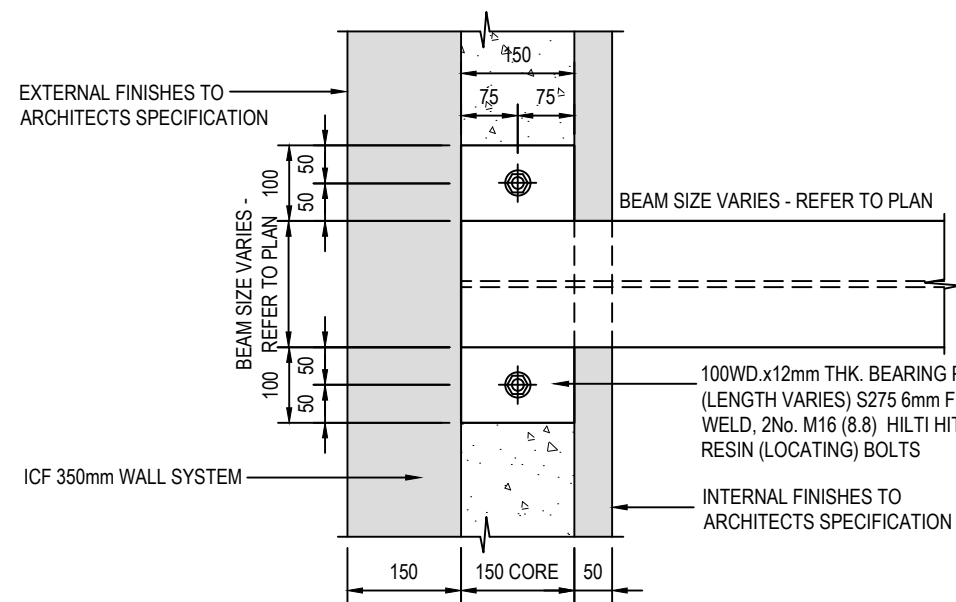
D1 - TYPICAL EXTERNAL WALL FOUNDATION
1:20



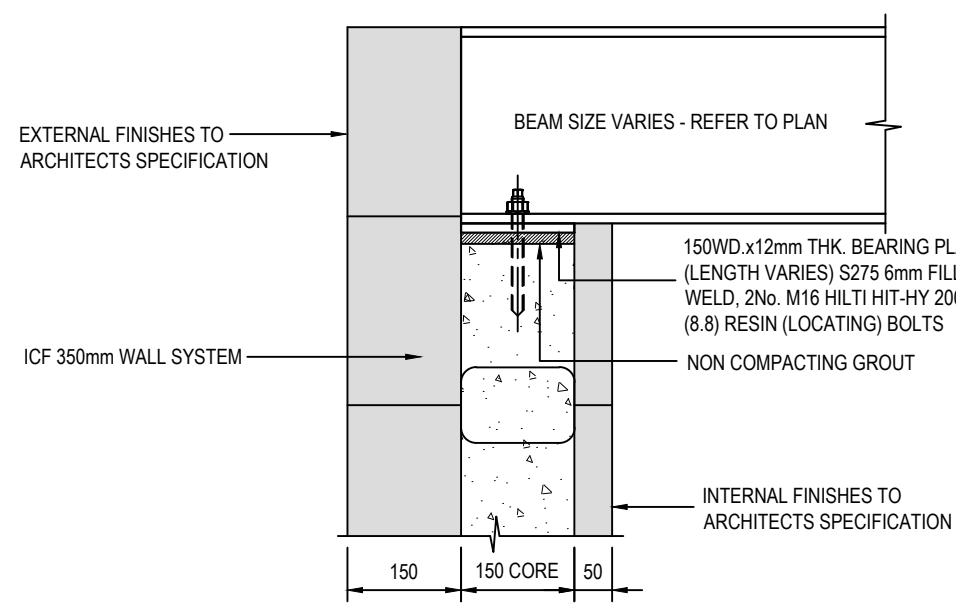
D7 - L1 EXTERNAL LINTEL DETAIL
1:10



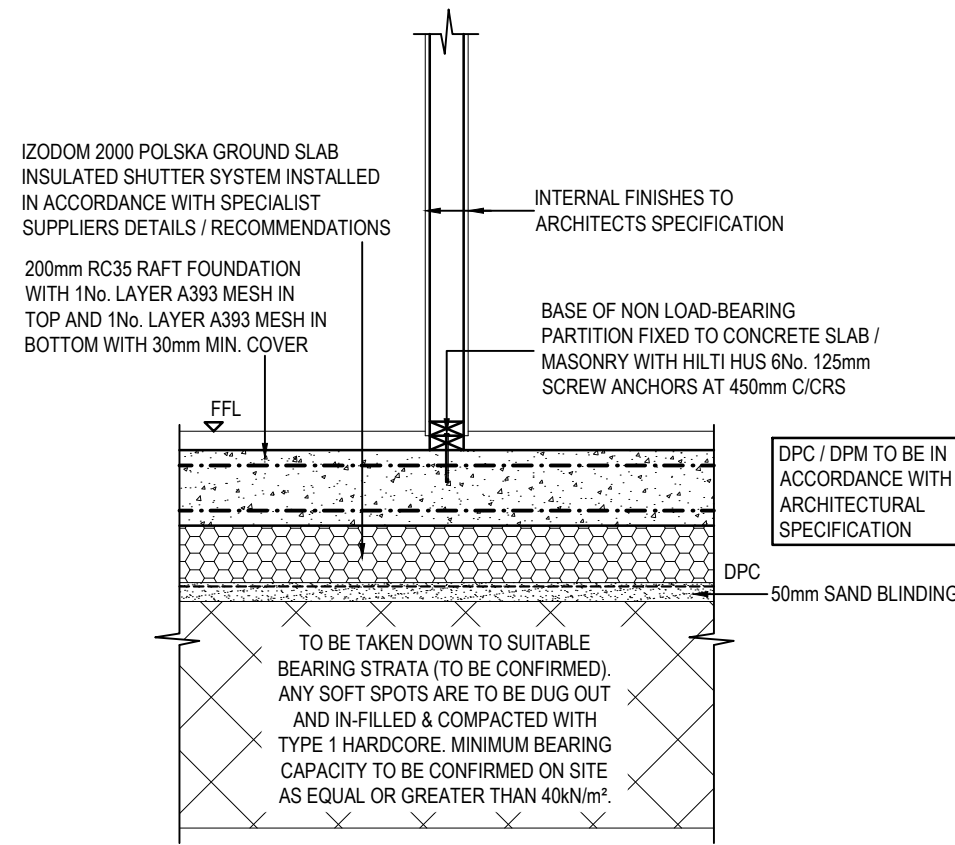
D8 - L2 EXTERNAL LINTEL DETAIL
1:10



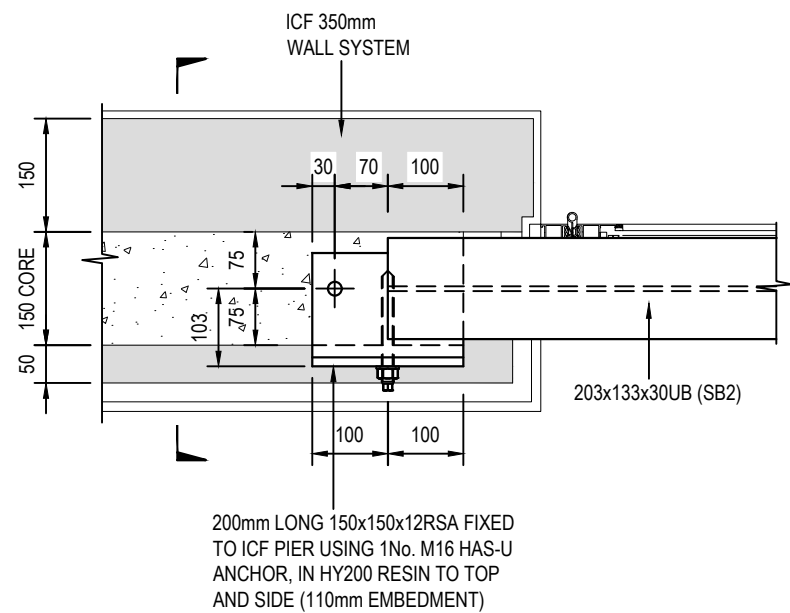
D12 - BEAM TO EXTERNAL WALLHEAD DETAIL - PLAN
1:10



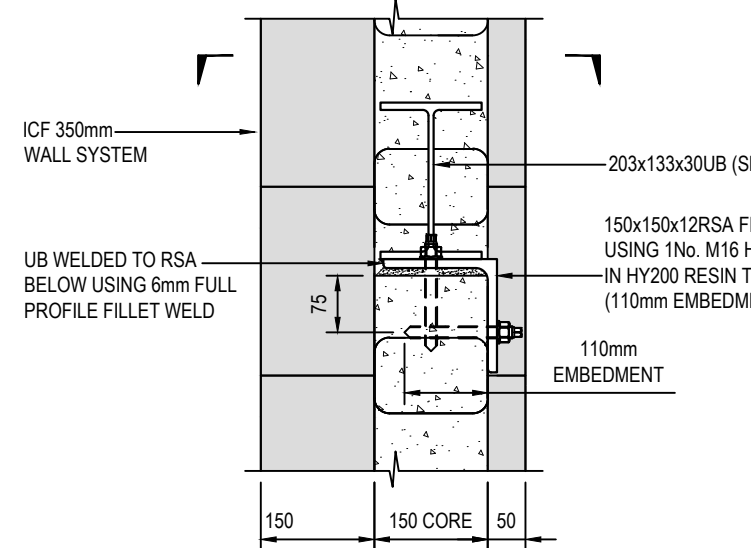
D12 - BEAM TO EXTERNAL WALLHEAD DETAIL - SECTION
1:10



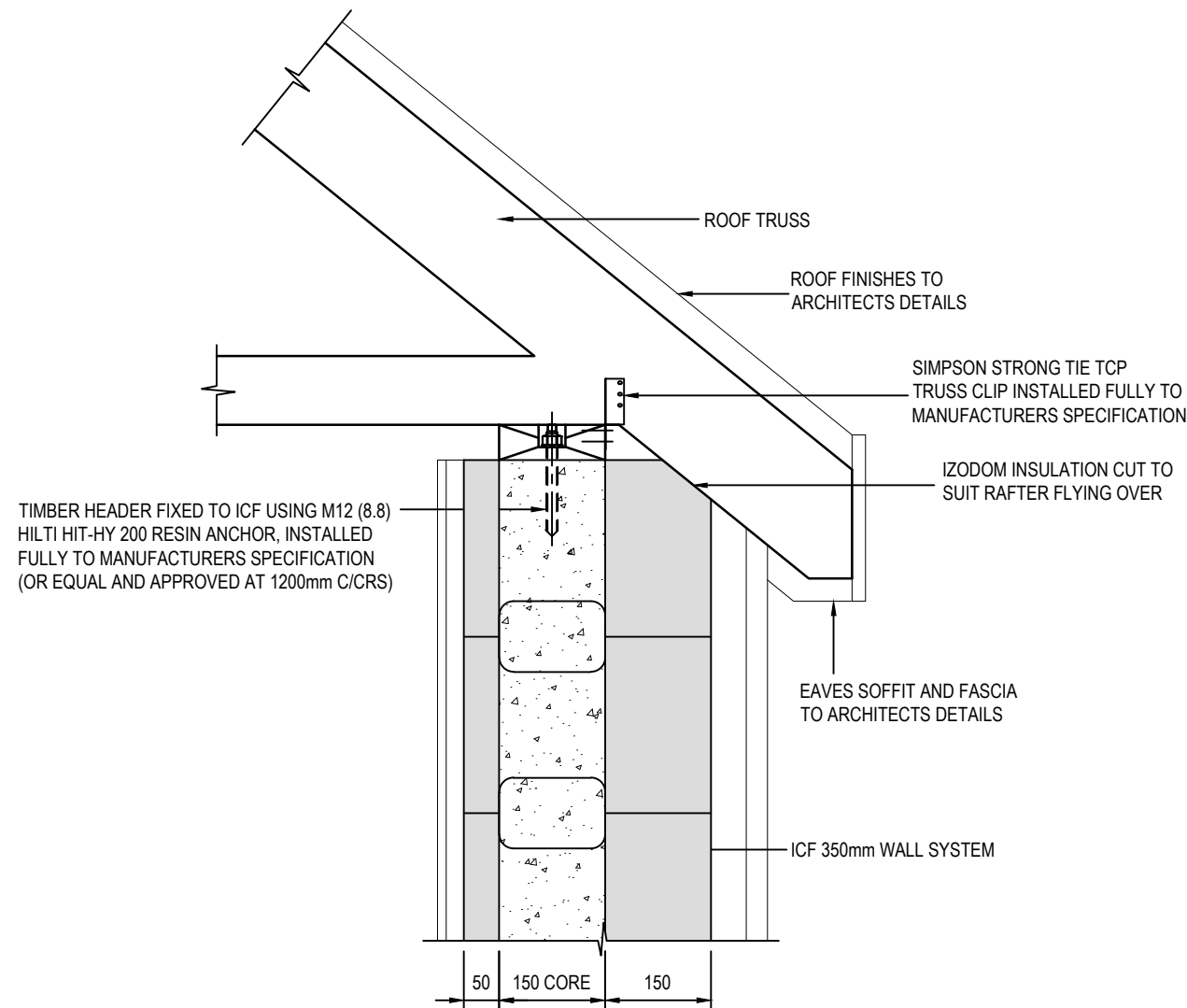
D2 - TYPICAL INTERNAL NON & LOAD-BEARING WALL
1:20



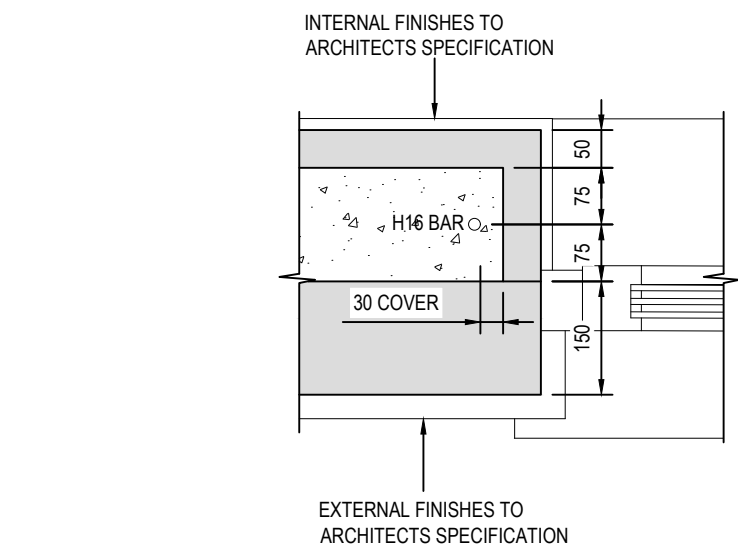
D9 - 203x133x30UB (SB2) BEAM BEARING DETAIL - PLAN
1:10



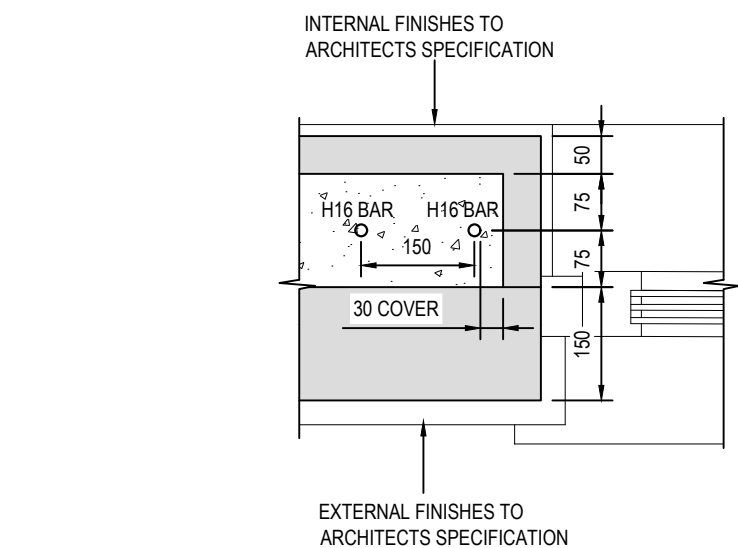
D9 - 203x133x30UB (SB2) BEAM BEARING DETAIL - SECTION
1:10



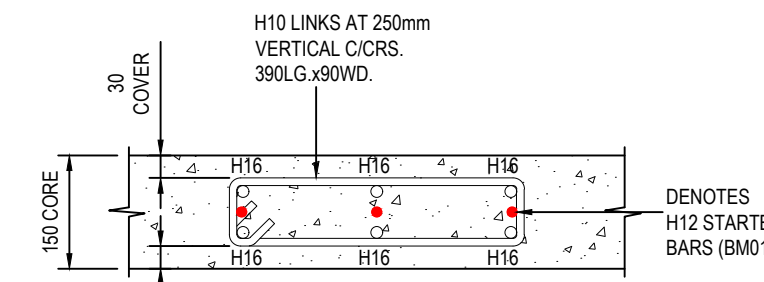
D13 - RAFTER TO ICF FIXING DETAIL
1:10



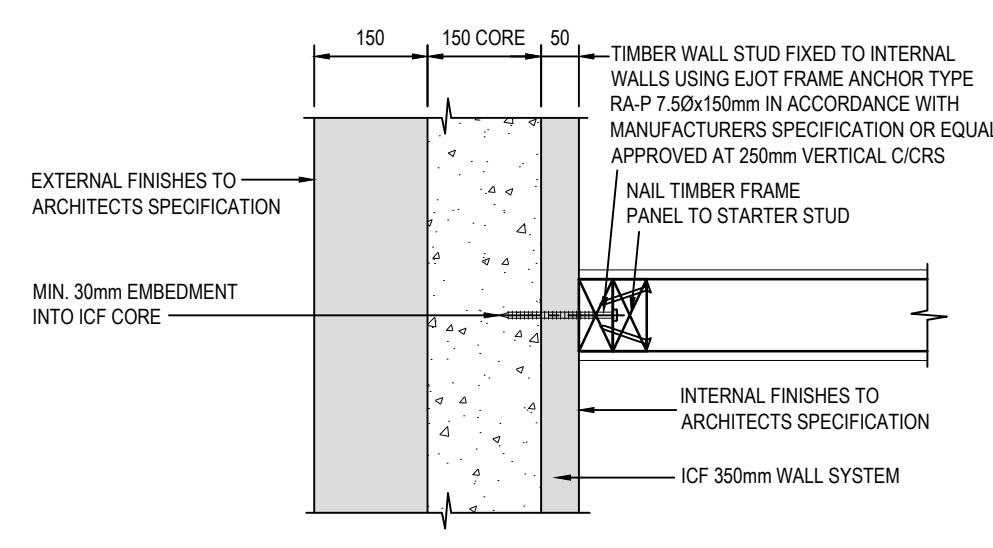
D3 - TYPICAL WINDOW REINFORCEMENT DETAIL (1/H16)
1:10



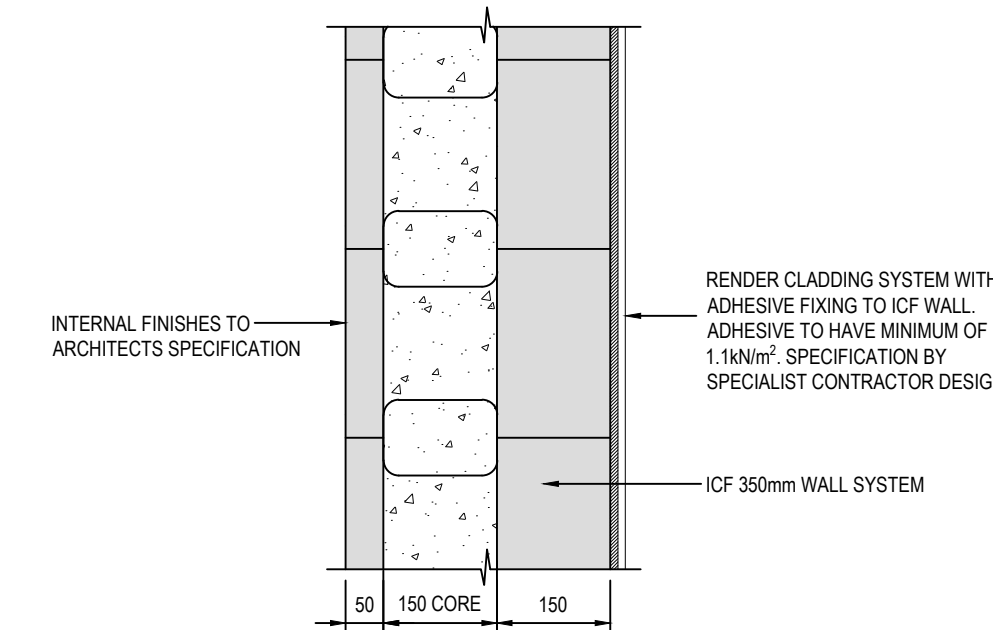
D4 - TYPICAL WINDOW REINFORCEMENT DETAIL - (2/H16)
1:10



D10 - TYPICAL PIER REINFORCEMENT PLAN
1:10

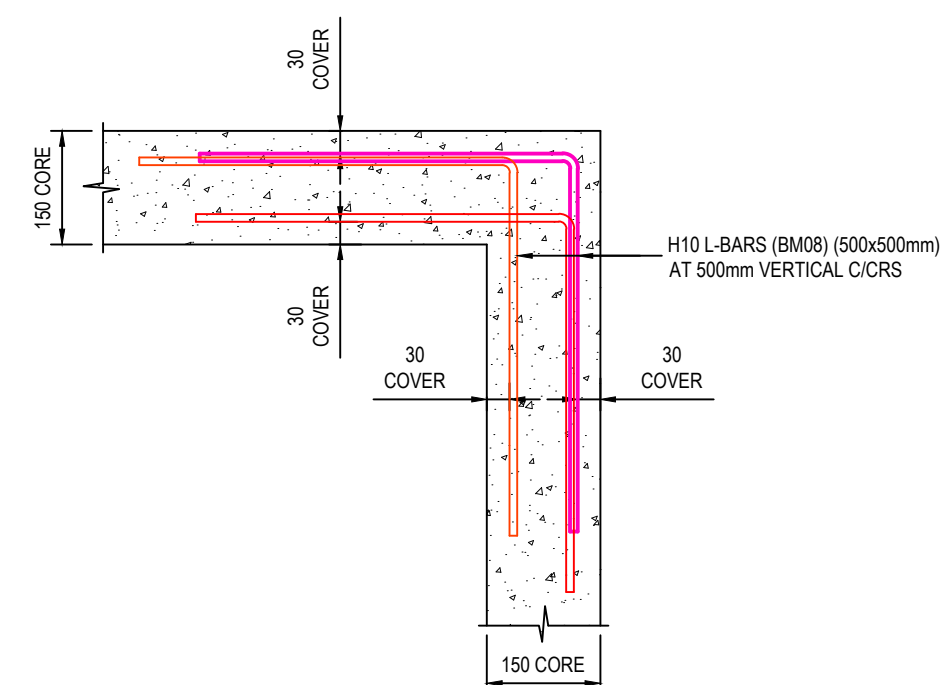


D5 - TIMBER WALL TO EXTERNAL ICF FIXING
1:10

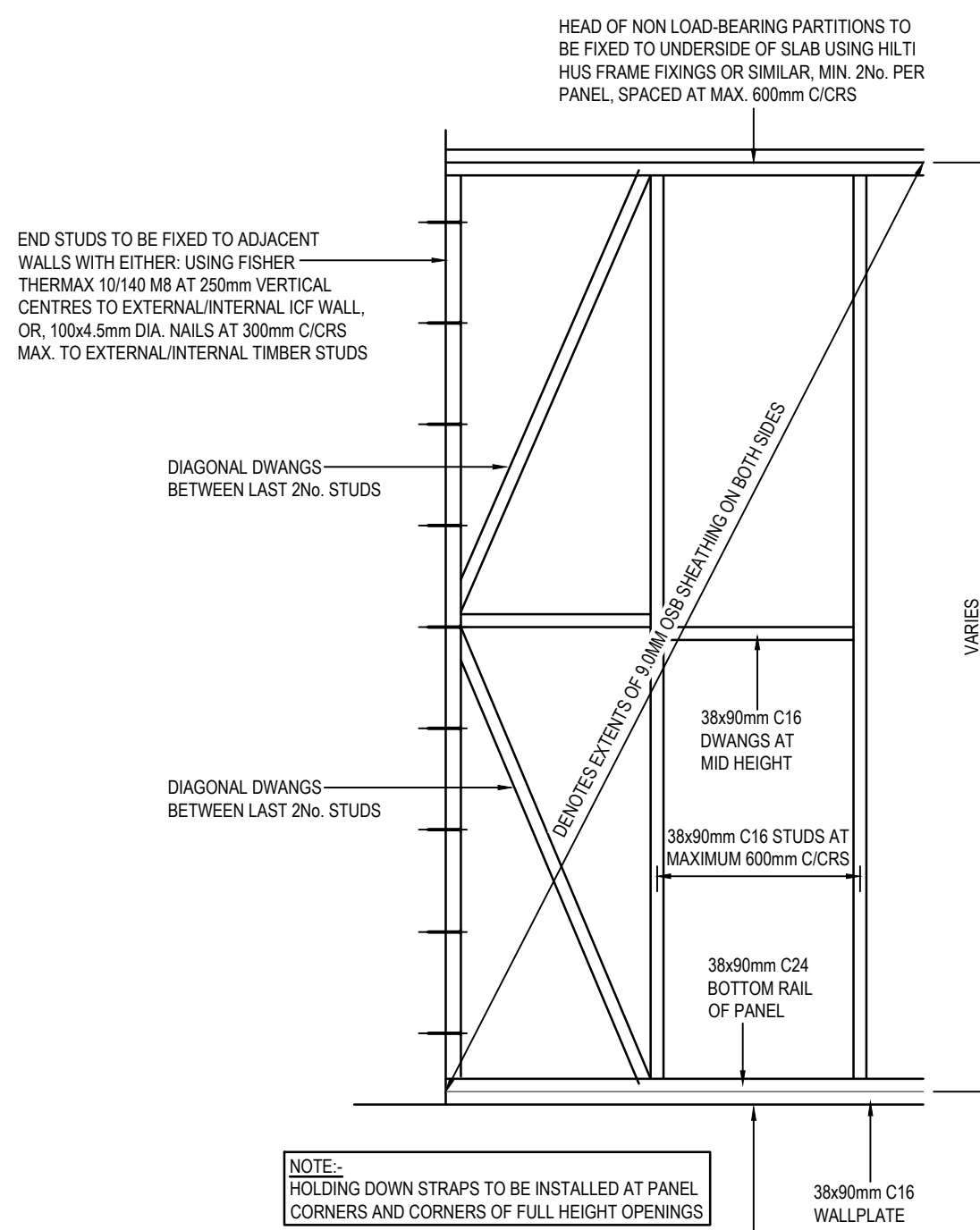


D6 - RENDER CLADDING FIXING DETAIL
1:10

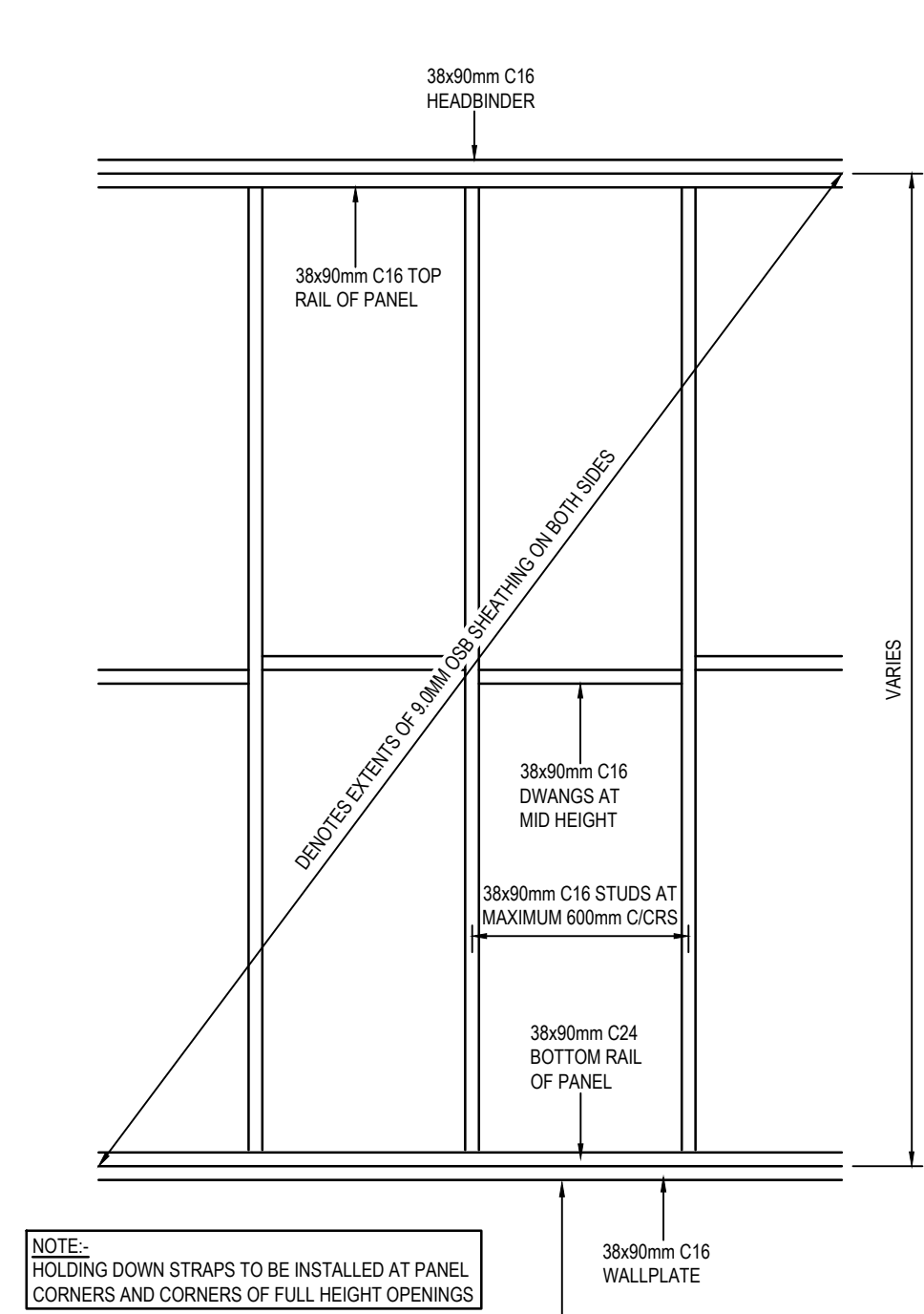
NOTE: CLADDING TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS DETAILS



D11 - TYPICAL REINFORCEMENT PLAN AT CORNER
1:10



D14 - TYPICAL ELEVATION ON NON-LOADBEARING PARTITION END FIXING
1:20



D15 - TYPICAL ELEVATION ON NON-LOADBEARING TIMBER PANEL
1:20

- GENERAL NOTES:
- ALL DIMENSIONS AND SETTING-OUT TO BE IN ACCORDANCE WITH THE ARCHITECT'S LAYOUTS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S DRAWINGS, ENGINEERS' DRAWINGS AND SPECIFICATIONS.
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 - ACS DRAWING REFERENCES:
 - FOR STRUCTURAL PLANS, REFER TO ACS S340_ST-200 SERIES DRAWINGS.
 - FOR STRUCTURAL SECTIONS, REFER TO ACS S340_ST-300 SERIES DRAWINGS.
 - FOR REINFORCEMENT DRAWINGS, REFER TO ACS S340_ST-400 SERIES DRAWINGS.
 - FOR STRUCTURAL DETAILING DRAWINGS, REFER TO ACS S340_ST-500 SERIES.
 - FOR GUIDANCE AND SPECIFICATION NOTES, REFER TO ACS S340_ST-600 DRAWING.

STRUCTURAL SCHEDULE

WALL PANEL SCHEDULE

- W1 EKONECT IZODOM ICF 350mm WALL PANEL: PERIMETER WALLS WITH 150mm REINFORCED CONCRETE INFILL
- W2 38x90mm C16 TIMBER STUDS AT 600mm C/CRS WITH 1No. LAYER OF PLASTERBOARD FINISHING TO EACH SIDE. FIXED WITH MIN. 3.80x45mm PLASTERBOARD FIXINGS AT 300mm C/CRS. SOLE PLATE FIXED TO SLAB AT MIN. 300mm C/CRS

- NLB DENOTES NON-LOADBEARING PARTITIONS - 38x90mm C16 STUDS AT 600mm C/CRS. LINED WITH 1No. LAYER PLASTERBOARD MINIMUM TO BOTH FACES, FIXED WITH 2.65mm DIA. x 40mm LG. NAILS AT 150mm CRS

STEEL BEAM SCHEDULE

- SB1 - 305x165x54UB S355
- SB2 - 203x133x30UB S355

LINTEL SCHEDULE

- L1 - RC 150x250mm C28/35 WITH 2No. H16 BOTTOM BARS, 30mm COVER
- L2 - RC 150x300mm C28/35 WITH 2No. H12 TOP AND 2No. H20 BOTTOM BARS, 30mm COVER ALL SIDES, H8 LINKS AT 150mm C/CRS

TIMBER TRIMMER SCHEDULE

- T1 - 3No. 45x195mm C16 TIMBERS
- T2 - 2No. 45x195mm C16 TIMBERS

FLOOR JOIST SCHEDULE

- J1 - JJ120D-24, 97x220mm JJ1 AT 600mm C/CRS
- J2 - JJ120A-24, 47x220mm JJ1 AT 600mm C/CRS

HEALTH AND SAFETY

THE DESIGN HAS HIGHLIGHTED ONLY COMMON HAZARDS, WHICH HAZARDS ARE CONSIDERED TO BE WITHIN THE NORMAL EXPERIENCE OF A COMPETENT CONTRACTOR. THE DETAILS ON THIS SHEET ARE INDICATIVE. THE CONTRACTOR IS TO DEVELOP THEIR OWN TEMPORARY WORK REQUIREMENTS

Rev ID	Date	Comment	Drawn By

DRAWING STATUS

CONSTRUCTION



CLIENT
GLENN & GEMMA CROSS

PROJECT
26a AMBERLEY ROAD,
HORSHAM, WEST SUSSEX, RH12 4LN

TITLE
STRUCTURAL DETAILS
SHEET 1

SCALE: A1	START DATE	ENGINEER	DRAWN BY
AS SHOWN	02/10/25	PC	WMC
DRAWING NUMBER	S340_ST-500	REVISION	-

LEWIS HOUSE, UNIT 213, EAST WAY
HILLEND IND EST, DUNFERMLINE
FIFE, KY11 9JF, SCOTLAND