

DESIGN CRITERIA

Design allows for Under-floor Heating Systems to be installed within the floor, staple type systems only.
 PARTITIONS - 0.5kN/m² Non Load Bearing Stud
 FINISHES - 2.07kN/m² 90mm Structural Topping
 OTHER INFILLS - EPS Panel

Bay	Imposed Load	Partition Type
1	1.5	Part Stud Partition
2	1.5	Part Stud Partition
3	1.5	Part Stud Partition
4	1.5	No Partition

Prod. Code	Description	Count
ANC-OS15WF	OS15 540mm Infill Panel (White)	103
ANC-OS15WH	OS15 270mm Infill Panel (White)	16
ANC-OS15WS	OS15 300mm End Panel (White)	24
ANC-PE575P	75mm Poly Edge Strip (Platinum)	35
ANC-LCB	100mm Large Closure Block - 7.3N 31	15
ANC-SCB	100mm Small Closure Block - 7.3N 5	15
ANC-ABB	Air Brick	15
ANC-UV	Telescopic Vent - 5-8 Courses	15
ANC-VES	Vertical Extension Sleeve	15

Beam Schedule			
Description	Wires	Length	Bay No Qty
150mm Floor Joist	<varies>	3900	1 21
150mm Floor Joist		3800	2 9
150mm Floor Joist		2850	3 9
150mm Floor Joist		4150	4 8

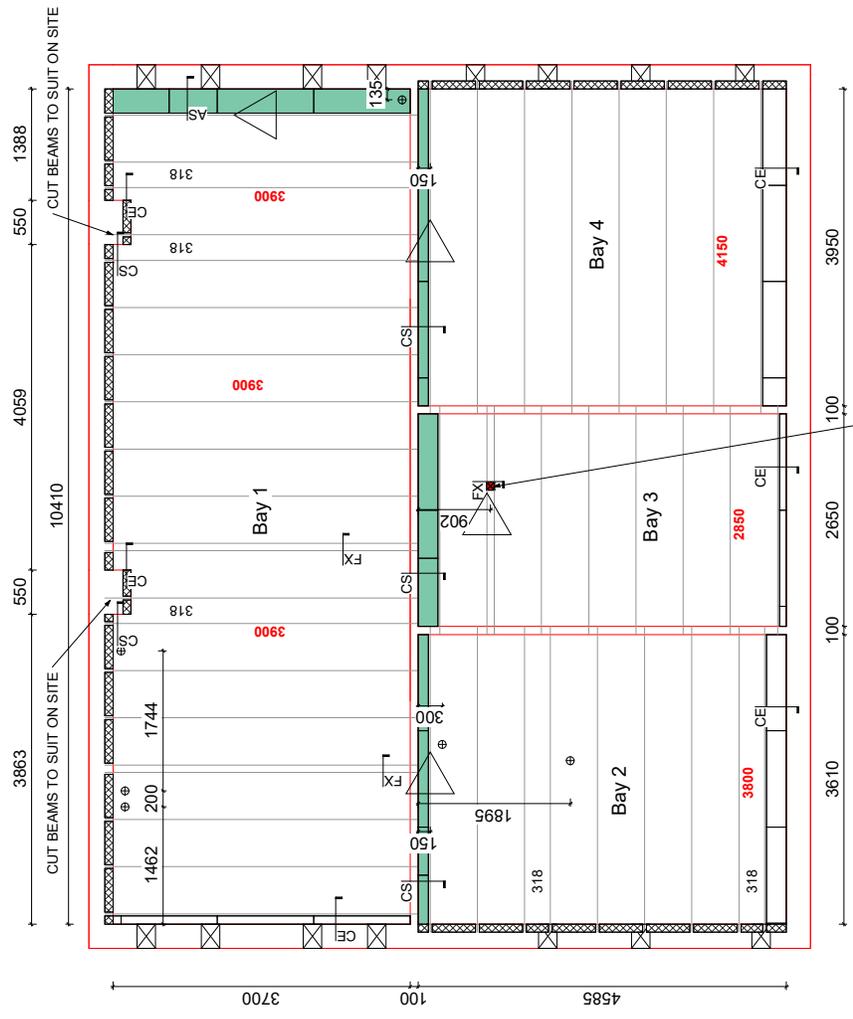
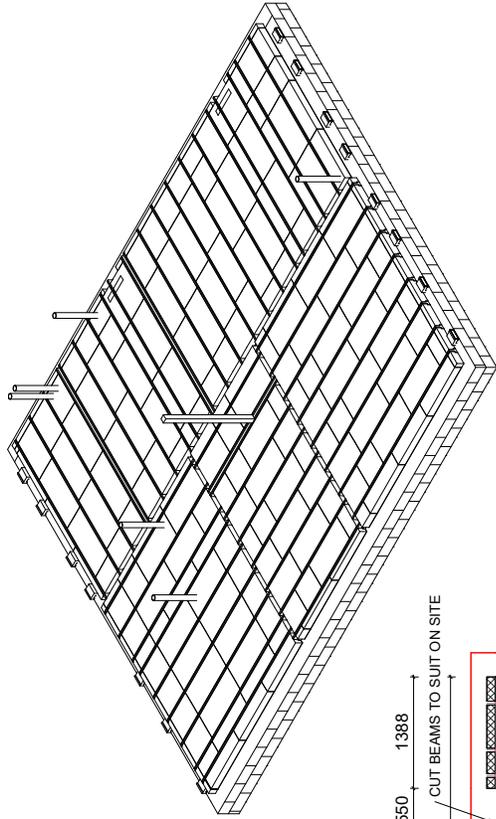
Product - W150 Panel combined with P150mm Oversheet
 THERMAL VALUES
 PERMETER/AREA VALUE - 0.417
 TARGET U VALUE - 0.12 ACTUAL U VALUE - 0.11

REV	DESCRIPTION	INI	DATE
e	Amended to W150P	EH	29/04/25
d	Amended Newel post loadings	RS	28/03/25
c	Vent extensions added	JB	16/12/24
b	Vent and extensions added, plot list amended	JB	27/12/24
a	Added DFH	RS	23/10/24

TOTAL LENGTHS AND AREA
 150mm - Length Oversheets
 174.950 m 30.2 no. OS150P 87 m²

PROJECT NAME
 The Walden - Plots 4, 13&40
 Hares Leap, Mill Road, Henham, Bishop's Cleeve, Shropshire, CN22 6AA

CUBE6
 PRECAST CONCRETE FLOORING
 PRODUCT
 DRAWN BY
 e.ve@cube6.co.uk
 DATE
 29/04/2025
 PROJECT NO.
 241251-14-W150P



Drawing Legend (Where Applicable)

- △ Joist Start Layout Point
- ▲ Poly Start Layout Point
- ▨ All Closure Blocks Must Be Bedded
- ⊗ Void Vent Position - see Architects plans for cross venting
- ⊕ Service Hole Position
- 318 150mm Floor Joists At 588mm Centres Unless Otherwise Stated (Poly)
- 318 150mm Floor Joists With 270mm Poly Panel Between (Poly)
- Beam weight = 24kg/m Manufactured in 25mm increments
- Oversheet not required on these bays (if oversheet design)
- All internal load bearing walls must be built through before topping is applied. Additional shuttering may be required.
- Non loadbearing walls can be filled with poly (hatched).
- Newel Post (Maximum 2kN load)

MAX - 2.14kN ALLOWED FOR NEWEL POST

Please note that our design does not allow for carrying any structural newel posts or loadbearing walls unless clearly noted on the drawing.