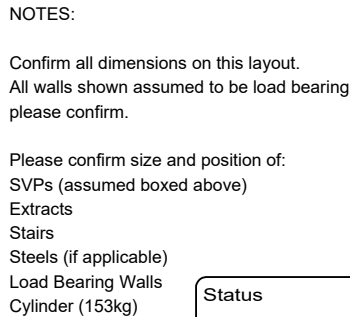




PCE	QTY	MATERIAL	DESCRIPTION	WEIGHT(Kg)	LENGTH
J1	6	FJI-45x300-36	JOIST	9.6	2934
J2	1	FJI-45x300-36	OP HEADER JOIST	2.2	687.5
J3	4	FJI-45x300-36	JOIST	2.9	888
J4	2	FJI-45x300-36	OP HEADER JOIST	4.6	1414
J5	1	FJI-45x300-36	OP HEADER JOIST	9.7	2977
J6	1	FJI-45x300-36	OP TRIMMER JOIST	7.9	2415
J7	5	FJI-45x300-36	JOIST	9.5	2910
J8	1	FJI-45x300-36	JOIST	17.8	5440
J9	4	FJI-45x300-36	OP TRIMMER JOIST	19.1	5835
J10	1	FJI-45x300-36	JOIST	18.0	5490
J11	5	FJI-45x300-36	JOIST	9.9	3034
J12	4	FJI-45x300-36	JOIST	15.1	4632
J13	1	FJI-45x300-36	OP TRIMMER JOIST	10.2	3125
J14	1	FJI-45x300-36	OP HEADER JOIST	3.6	1118.5
T1	2	FJI-45x300-36	TEMP JOIST	9.7	2977

ID	QTY	MATERIAL	ACCESSORIES	NOTES
H1	6	UH-50-300		50
H2	12	UH-50-300		41
H3	9	UH-50-300		42
H4	2	UH-50-300	WS BB	45
41) to i-joist header No backer blocks required - top tab removed for face fix only (sacrificial stairwell)				
42) to i-joist header No backer blocks required - top tab fixed to header				
45) to i-joist header backer blocks required optional nail holes filled - top tab fixed to header - with optional uplift nail holes filled				
50) to solid header all optional nail holes filled - top tab removed				

ACCESSORIES, First floor		
MATERIAL	QTY	DESCRIPTION
BB18x225	4	Backer Blocks
CLS 35x72	60	Noggins CLS 35x72x555
CLS 35x72	1	Noggins CLS 35x72x1018.5
CLS 35x72	2	Noggins CLS 35x72x555.5
CLS 35x72	1	Noggins CLS 35x72x587.5
CLS 35x72	1	Noggins CLS 35x72x577.5
CLS 38x150	3	Noggins CLS 38x150x1400
CLS 38x89	4	Noggins CLS 38x89x555.5
FJL-45x300-36	2	Blockings FJL-45x300-36x25.0
FJL-45x300-36	8	Blockings FJL-45x300-36x55.0
FJL-45x300-36	1	Blockings FJL-45x300-36x132.5
FJL-45x300-36	1	Blockings FJL-45x300-36x517.5
HV-GR-300-1	35	Hi-Vis Gripper
PFS	3	Restraint Strap
WS18x225E	4	Web Stiffeners
Z-Clip	150	Z-Clip

ADDITIONAL MATERIAL, First floor		
MATERIAL	QTY	DESCRIPTION
Area	50	Sqm



DESIGN NOTES:
Finnframe 27.0.10
File Name: HT1_E
Date: 21/01/25

Area Floor Loads:
1.5 kN/m² Live Load
0.5 kN/m² Dead Load
0.50 kN/m² Partition Load

Quality Level:
EC5 + NHBC 2023, inc. 15mm Plasterboard
Deflection Limits:
Winst (Rel, Abs): L/333, 8mm
Wfin (Rel, Abs): L/250,

Note: It is the responsibility of the Principal Designer to specify centres and location of all restraint straps. Straps shown on this layout are in accordance with the minimum requirements of BS EN 1996. This layout shows element design, and the provider of this layout is not acting as the principal designer or the principal contractor to the project.

CDM SAFETY NOTE: When installing joists and hangers please refer to Joist and hanger manufacturers installation guides

Joists typically set 25mm from external walls.
'Hole Chart' to be followed at all times when locating service holes
Joist weights shown in Joist and Beam list



Safety bracing **MUST** be used during the installation of the floor joists

Denotes setting out point



Design meets or exceeds
NHBC deflection requirement

E	20/01/25	SVP trimmed
D	18/11/24	roof light opening amended
C	22/10/24	Ameded to comments rec'd 22.10.24
B	14/10/24	Flat roof joists and light added
A	06/08/24	loadings amended
Rev	Date	Detail



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Customer:

CALA HOMES

House Type:

Type - 1
First Floor
300mm joist

Drawing Number:

Project reference:
F42294

Sheet Size
A3

Date
21/01/25

Rev.

E

Scale
1 : 50

Drawn
IM

Status

Approved

Site

BROOKLANDS COLLEGE