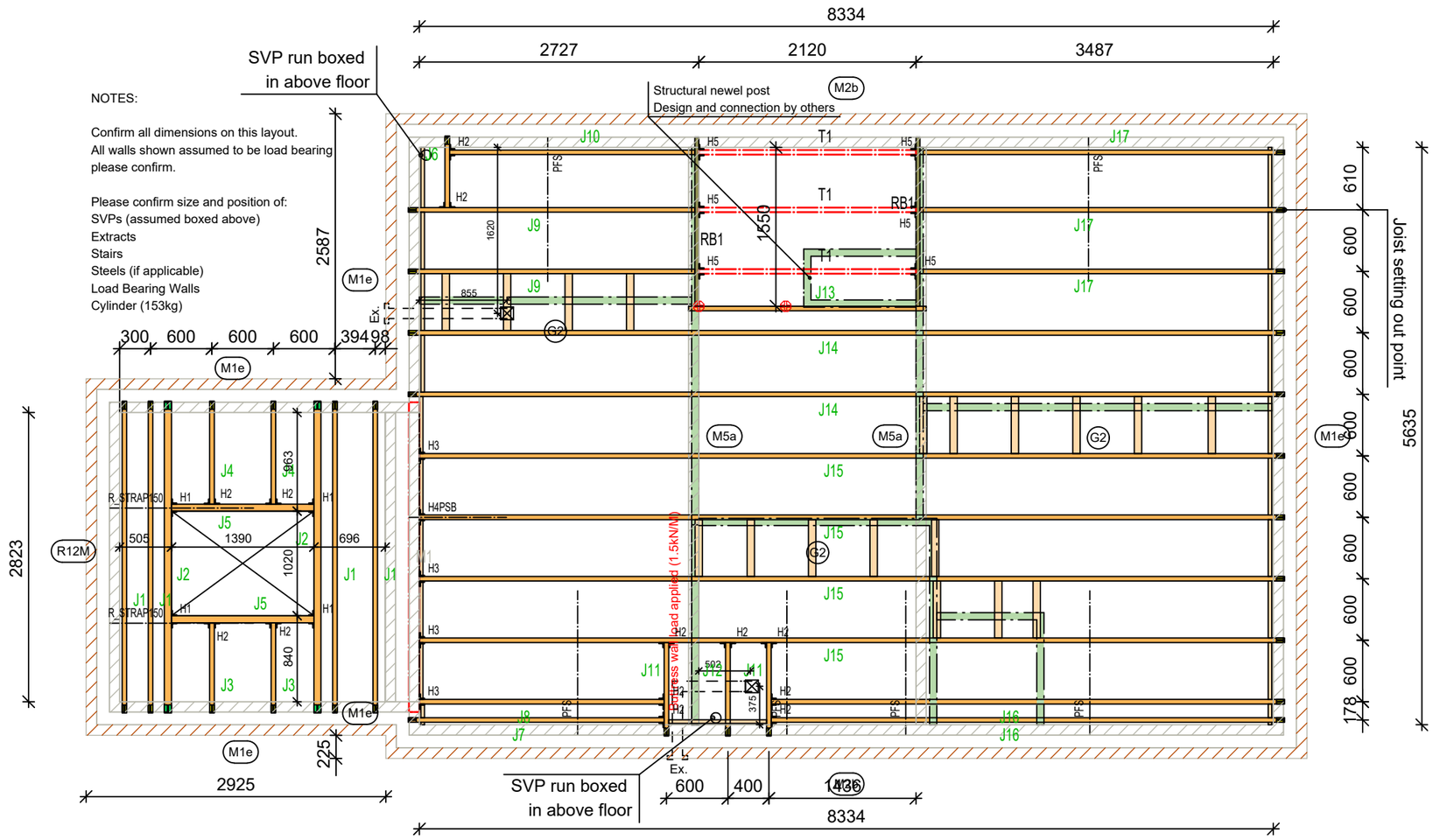
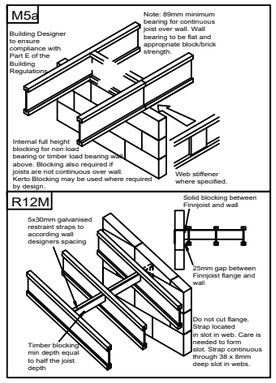
NOTES:

Confirm all dimensions on this layout.
All walls shown assumed to be load bearing please confirm.

Please confirm size and position of:
SVPs (assumed boxed above)
Extracts
Stairs
Steels (if applicable)
Load Bearing Walls
Cylinder (153kg)





PLOTS:
Phase 1B -
AS - 164,175
OP - 185
Phase 2B -
OP - 198

Metsä

DESIGN NOTES:
Finnframe 27.0.10
File Name: HT2_D
Date: 18/11/24

Area Floor Loads:
1.5 kN/m2 Live Load
0.50 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

NHBC Design meets or exceeds NHBC deflection requirement

Rev	Date	Detail
D	18/11/24	roof light opening amended
C	30/08/24	Roof light amended
B	23/08/24	Amended to new plans rec'd 22.08.24
A	06/08/24	Loadings amended

FLOOR JOIST SCHEDULE, First floor

PCE	QTY	MATERIAL	DESCRIPTION	WEIGHT(Kg)	LENGTH
J1	4	FJI-45x300-36	JOIST	9.9	3023
J2	2	FJI-69x300-36	OP HEADER JOIST	12.9	3023
J3	2	FJI-45x300-36	JOIST	2.8	870.6
J4	2	FJI-45x300-36	JOIST	3.2	994.4
J5	2	FJI-69x300-36	OP HEADER JOIST	5.9	1390
J6	1	FJI-69x300-36	OP HEADER JOIST	2.2	687.5
J7	1	FJI-45x300-36	JOIST	8.1	2488.5
J8	1	FJI-45x300-36	JOIST	7.8	2388.5
J9	2	FJI-45x300-36	JOIST	9.1	2788
J10	1	FJI-45x300-36	JOIST	7.8	2393
J11	2	FJI-45x300-36	OP HEADER JOIST	2.9	902.5
J12	1	FJI-45x300-36	OP HEADER JOIST	2.9	902.5
J13	1	FJI-45x300-36	OP TRIMMER JOIST	7.6	2319
J14	2	FJI-45x300-36	JOIST	27.9	8534
J15	4	FJI-45x300-36	OP TRIMMER JOIST	27.6	8434
J16	2	FJI-45x300-36	JOIST	16.4	5001
J17	3	FJI-45x300-36	JOIST	11.6	3548
RB1	2	KS 39x300	RIMBEAM	9.8	1650
T1	3	FJI-45x300-36	TEMP JOIST	6.9	5125

JOIST HANGER SCHEDULE, First floor

ID	QTY	MATERIAL	ACCESSORIES	NOTES
H1	4	UH-72-300		42
H2	13	UH-50-300		42
H3	4	JHI-50-300		28
H4	1	JHI-50-300	ST	28
H5	6	UH-50-300		50

28) 3.5N block - Min 675mm masonry required above hanger to achieve SWL

42) to i-joist header No backer blocks required - top tab fixed to header

50) to solid header all optional nail holes filled - top tab removed

ACCESSORIES, First floor

MATERIAL	QTY	DESCRIPTION
CLS 35x72	1	Noggins CLS 35x72x954.5
CLS 35x72	37	Noggins CLS 35x72x555
CLS 35x72	1	Noggins CLS 35x72x587.5
CLS 38x140	2	Noggins CLS 38x140x1500
CLS 38x150	1	Noggins CLS 38x150x1500
CLS 38x150	5	Noggins CLS 38x150x1400
HV-GR-300-1	32	Hi-Vis Gripper
HV-GR-300-2	4	Hi-Vis Gripper
PFS	1	Restraint Strap
PFS	5	Restraint Strap
PSB	1	Restraint Strap
R_STRAP150	2	Restraint Strap
Z-Clip	98	Z-Clip

ADDITIONAL MATERIAL, First floor

MATERIAL	QTY	DESCRIPTION
Area	47	Sqm

Download the Finnframe Installation App using the QR code or from www.metsawood.co.uk

Status
For Construction

Site
BROOKLANDS COLLEGE

DONALDSON TIMBER ENGINEERING

Ian Matchett
Donaldson Timber Engineering
Hallam Fields Road
Ilkeston
Derbyshire
DE7 4AZ

tel 07435 790 402
fax
e-mail IMatchett@donaldson-timber.co.uk
web www.donaldsontimberengineering.co.uk

Customer:
CALA HOMES

House Type:
Type - 2
First Floor
300mm joist

Drawing Number:
Rev. D
Project reference:
F42294

Sheet Size A3
Scale 1 : 50
Date 18/11/24
Drawn IM