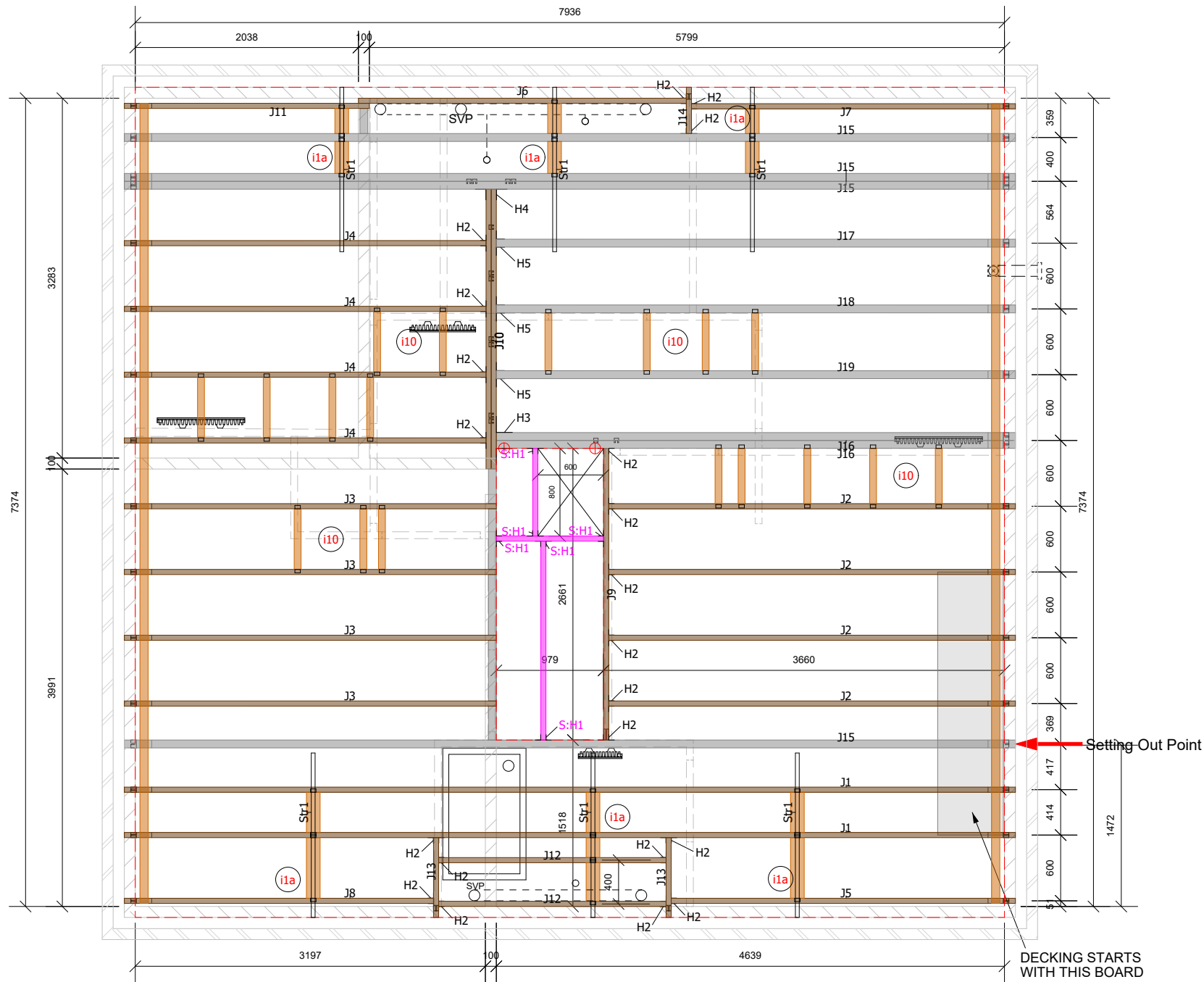




Joists & Beams				
Ref.	Product description	Length	Quan.	Weight
J1	TFSi 47 Plus - 240	8136mm	2	24.4
J2	TFSi 47 Plus - 240	3713mm	4	11.1
J3	TFSi 47 Plus - 240	3397mm	4	10.2
J4	TFSi 47 Plus - 240	3303mm	4	9.9
J5	TFSi 47 Plus - 240	3143mm	1	9.4
J6	TFSi 47 Plus - 240	2994mm	1	9.0
J7	TFSi 47 Plus - 240	2958mm	1	8.9
J8	TFSi 47 Plus - 240	2823mm	1	8.5
J9	TFSi 47 Plus - 240	2661mm	1	8.0
J10	TFSi 47 Plus - 240	2553mm	2	7.7
J11	TFSi 47 Plus - 240	2238mm	1	6.7
J12	TFSi 47 Plus - 240	2076mm	2	6.2
J13	TFSi 47 Plus - 240	728mm	2	2.2
J14	TFSi 47 Plus - 240	422mm	1	1.3
J15	TFSi 72 Plus - 240	8136mm	4	33.4
J16	TFSi 72 Plus - 240	4739mm	2	19.4
J17	TFSi 72 Plus - 240	4739mm	1	19.4
J18	TFSi 72 Plus - 240	4739mm	1	19.4
J19	TFSi 72 Plus - 240	4739mm	1	19.4
Sacrificial Materials				
Ref.	Product description	Length	Quan.	Weight
S:BLK1	TFSi 47 Plus - 240	1814mm	1	5.4
S:BLK6	TFSi 47 Plus - 240	979mm	1	2.9
S:BLK7	TFSi 47 Plus - 240	800mm	1	2.4
S:H1	UH-50-235		6	
Blocking				
Ref.	Product description	Length	Quan.	Weight
BLK2	TFSi 72 Plus - 240	316mm	1	1.3
BLK3	TFSi 72 Plus - 220	309mm	1	1.2
BLK4	TFSi 72 Plus - 220	553mm	3	2.2
BLK5	TFSi 72 Plus - 220	229mm	1	0.9
Ancillary materials				
Ref.	Product description	Length	Quan.	Weight
PN1	Partition Nogging (38x63)	9654mm	1	11.4
J1	38x125mm Nogging - Plank	4346mm	1	10.1
CN1	22x75mm perimeter bracing	14595mm	1	11.8
WS1	Web stiffener 141 x 18	100mm	2	
	UZ-38 Z Clip 38mm		62	
	IS72240-47		13	
	IS47240-47		23	
Str1	Cullen PFS		6	
ICI1	Iclip 240 f47		13	
			Total timber weight	
			516.7	
			Metalwork	
Ref.	Product description		Quan.	
H2	UH-50-235		21	
H3	HUH-150-220-235		1	
H4	HUH-100-220-235		1	
H5	UH-75-235		3	
Certification and percentages				
Cert.	Volume(m³)		%	
Total	1.05810981			
FSC	0		0	
PEFC	1.05810981		100	

Job Information	
File Name	BRAMPTON 12mm.pffd
Design Date	7 December 2023 15:35:10
Software Version No.	4.6.375
Design Engine Ref.	3.7.91.94
Design Settings	
Region	Europe
Country	UK
Design Code	EC5
Vibration Method	System Vibration Method
Strength/Vibration/Deflection (to max.% of allowable)	100/100/100
Design Data	
Altitude	= < 1000m
Manufacturer-Joists & Beams	All
Manufacturer-Hangers	Cullen
Levels	
Name	Level 1
Height (mm)	0
Main Application	Residential Upper Floor
Main Category of Use	A - Residential
Service Class	1
Dead Load (kN/m²)	0.40 - Permanent
Dead Reduced Load (kN/m²)	0.00 - Permanent
Partitions Load (kN/m²)	0.35 - Permanent
Floor Imposed UD Load (kN/m²)	1.50 - Medium Term
Floor Imposed Concentrated Load (kN)	2.00 - Medium Term
Accidental Load (kN/m²)	0.00 - Instantaneous
Unet,final Limit (L/) (mm)	250 - 0
Ufinal Limit (L/) (mm)	250 - 0
Unist,Q Limit (L/) (mm)	333 - 12
Unet,final Limit-2 (L/) (mm)	250 - 0
Ufinal Limit-2 (L/) (mm)	250 - 0
Unist,Q Limit-2 (L/) (mm)	333 - 12
Decking Type	Particle Board
Direct Applied Ceiling	Yes
Ceiling Material	15mm - Ceiling (GYPSUM BOARD)

Please note it is the responsibility of the Building Designer to specify centres and locations of all restraint straps. Straps shown on this layout are in accordance with the minimum requirement of BS5268 Pt3.

CDM SAFETY NOTE
When installing joists and masonry wall hangers please refer to Joist and Hanger Manufacturers Installation Guides.

NOTE:
'Hole Chart' to be followed at all times when locating holes for services.

Joist weights are shown in material list

DO NOT SCALE FROM THIS DRAWING

Safety bracing MUST be used during the installation of the floor

Setting Out Point →



Rev : Date : By : Details :



House Type : **BRAMPTON**

Drawing Number :	SC BRAM 01	Rev	-
Builder :	PERSIMMON HOMES		
Date :		Sheet Size :	A3
Drawn :	EC	Scale :	1:50

Drawing Detail :
First Floor
Joist Layout
12mm Deflection
240mm Joists

Site & Plot Detail :
60m²
R21 GROUP RANGE 2021



Note: All Standard Construction Details can be found on the reverse of this layout