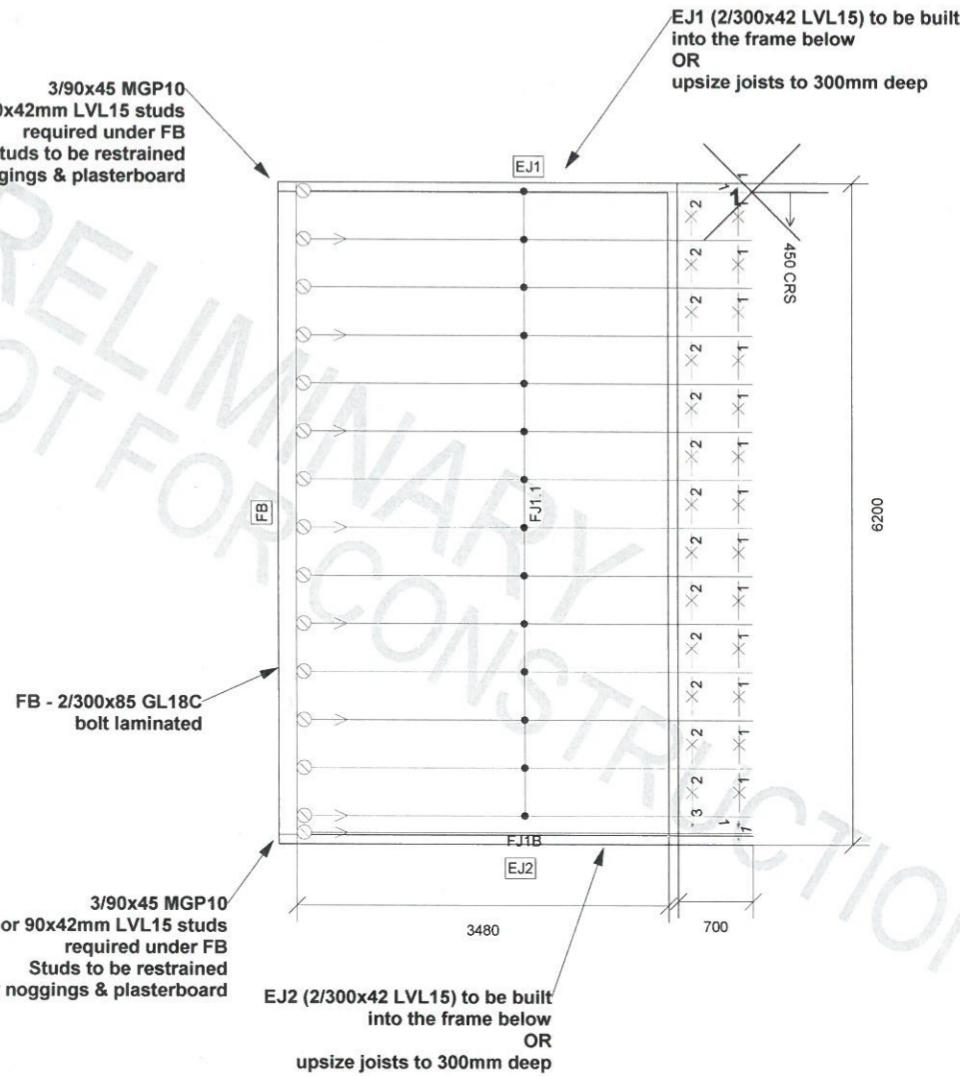


FLOOR JOIST PLAN, 1st Floor



BRACKET SCHEDULE, 1st Floor

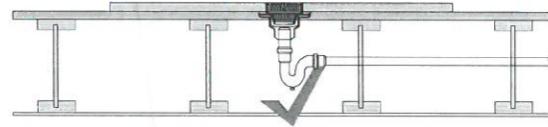
BRACKET	FIXING REQUIREMENT
24051F Joist Hanger *1	Connect using 12/3.75x40 nails

Refer to bracket manufacturers specifications for fixing requirements.

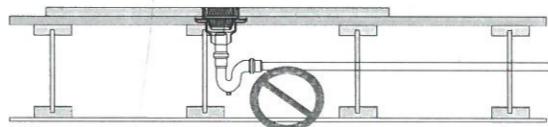
Loads adopted for design	
Roof Dead Load	90 kg/m ²
Ceiling Dead Load	8 kg/m ²
Upper Floor Dead Load	40 kg/m ²
Lower Floor Dead Load	40 kg/m ²
Wall Dead Load	32 kg/m ²
Floor Live Load	1.5 kPa
Floor Point Live Load	1.8 kN
Balcony Dead Load	125 kg/m ²
Balcony Live Load	2.0 kPa
Wind Speed N3	

LEGEND :	
-1-	Face hanging brackets
-2-	SmartRim blocking
-3-	410mm SJ240 SmartJoist blocking
■■■	SJ24051 SmartJoist blocking
—	Internal load bearing walls
→	Joist lay direction
●	Mid-point of the joist
×	Joist setout point
W/O	Waste Outlet

MARK	MATERIAL & SPACING
FJ1	SJ24051 SmartJoist H2S Treated at 450 c/c



Is it the responsibility of the installer to position joists away from flooring plumbing penetration.



Position Joist Away From Waste Outlet
SD10

1)It is the responsibility of the installer to locate joists away from flooring plumbing penetrations. 2)Builder to ensure the layout represents the required lengths and quantities. 3)Refer to the hole chart prior to cutting hole in the web of SmartJoist. 4)Do no cut, notch or drill through the I-Joists flanges. 5)End joist under the load bearing wall to be blocked/laterally restrained at the end as per Detail F1, F2 & F3, refer to the supplied installation guide for the blocking installation requirements. 6)Builder to ensure all point loads are fully supported by a pier, stump or post. 7)Compression blocks to be installed to SmartJoist/SmartRim under all point loads from beams, critical/jamb studs & GT/TGT trusses, refer to Detail F8, F13, F30A, F30B & F30C.

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SMARTFRAME
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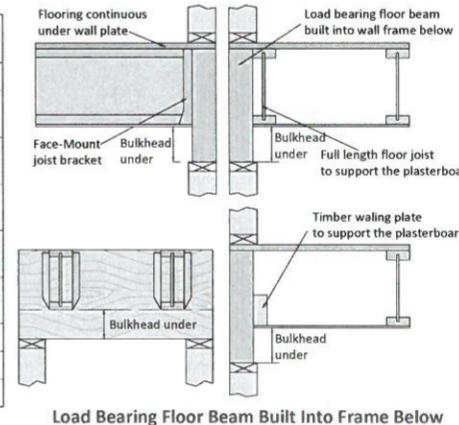
Tilling Timber Pty Ltd
SmartFrame Design Centre

31-45 Orchard St Kilsyth VIC 3137
Phone : 03 9725 0222 Fax : 03 9725 3045
mobile : - email : Jimmymc@tilling.com.au

Job : Proposed addition
At : 11 Hough Street, Colyton

Specifier : Jimmy Chang
Reference : 2020-082-800
Date : 21/10/2020

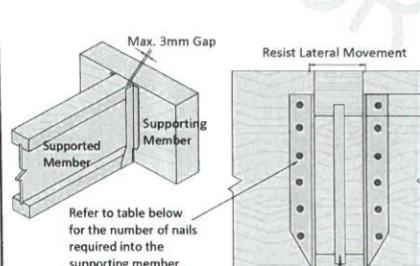
Sheet 1 of 2



Load Bearing Floor Beam Built Into Frame Below
BB1

MEMBER SCHEDULE, 1st Floor

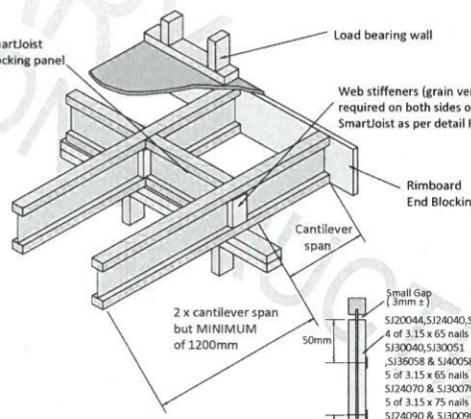
MARK	SIZE	JOIST NUMBERS	SUPPLY LENGTH	COUNT	LEFT SUPPORT	RIGHT SUPPORT	NOTES
CART	CART		0	1			Delivery
EJ1	2/300x42 SmartLVL 15 H2S Treated		4.500	2		Full bear onto	NOTE : Laminate beams together as per/pAS1684.2 or Detail LB1, LB2, LB3
EJ2	2/300x42 SmartLVL 15 H2S Treated		4.500	2		Full bear onto	NOTE : Laminate beams together as per/pAS1684.2 or Detail LB1, LB2, LB3
FB	2/300x85 SmartLam GL18C		6.600	2	Full bear onto	Full bear onto	NOTE : Laminate beams together as per/pAS1684.2 or Detail LB1, LB2, LB3
FJ1	SJ24051 SmartJoist H2S Treated	1	4.500	14	24051F Joist Hanger *1	Full bear onto	Joists are spaced at 450mm c/c. from setout point 1
FJ1B	SJ24051 SmartJoist H2S Treated		4.500	1	24051F Joist Hanger *1		Joists next to EJ2
FJ1-B1	240 Deep SmartJoist H2S Treated		0.399	13			Number of blocks for joists FJ1
FJ1-B2	SJ24051 SmartJoist H2S Treated		0.46 lm	-			Random lengths required for blocking for joists FJ1
FJ1-B3	240 deep SmartRim (for blocking) H2S Treated		6.58 lm	-			Required for blocking for joists FJ1



Face-mount hanger code	Number of nails or (screws) required into the supporting member
200F	8/3.75x35 Nails (6/No.12x35 Screws)
240F	10/3.75x35 Nails (6/No.12x35 Screws)
300F	12/3.75x35 Nails (8/No.12x35 Screws)
360F	14/3.75x35 Nails (8/No.12x35 Screws)
400F	16/3.75x35 Nails (10/No.12x35 Screws)

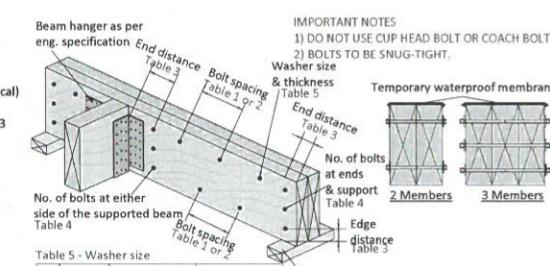
SmartJoist To Solid Timber Using Face Mount Hanger

F11A



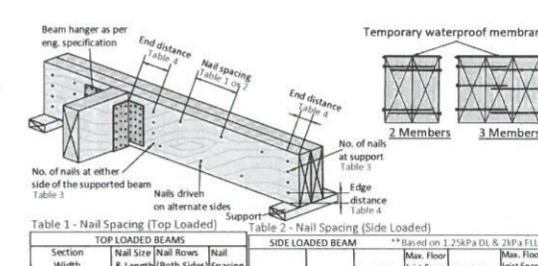
Load Bearing Cantilevered SmartJoist

C4



Multiple Member Lamination Using Bolts

LB1



Multiple Member Lamination Using Nails

LB2

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SMARTFRAME
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