

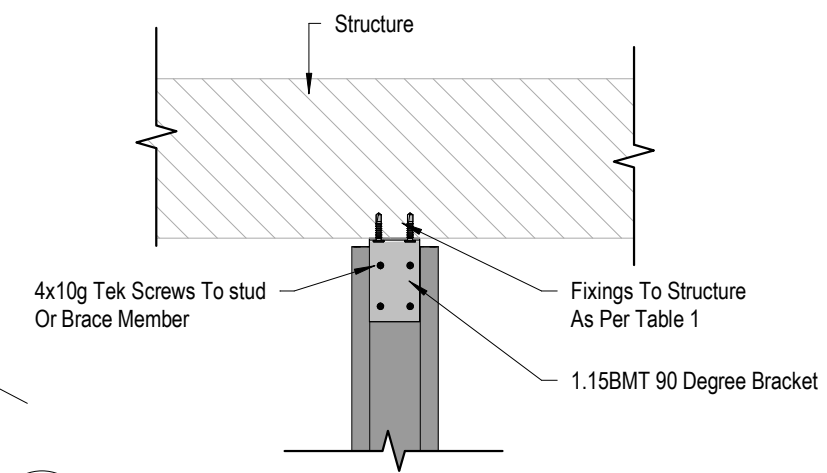
EXPOSED STRATO BRACE 3D

Table 1 - Connection Specification

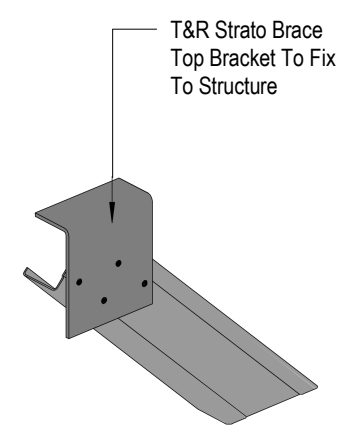
Building Structure	Connection Type
Concrete Slab	1 x HILTI HUS3-H10 Screw Anchors • 60mm Embedment & 100mm Edge Distance
Steel Purlins	4 x 12g Tek Screws
Timber Joists & Purlins	4 x 10g HWF T17 Wood Screw • 35mm Embedment min.
Steel Beam	4 x Hilti X-U P8 Steel Nail Fixings

Table 2 - Required Stud Size

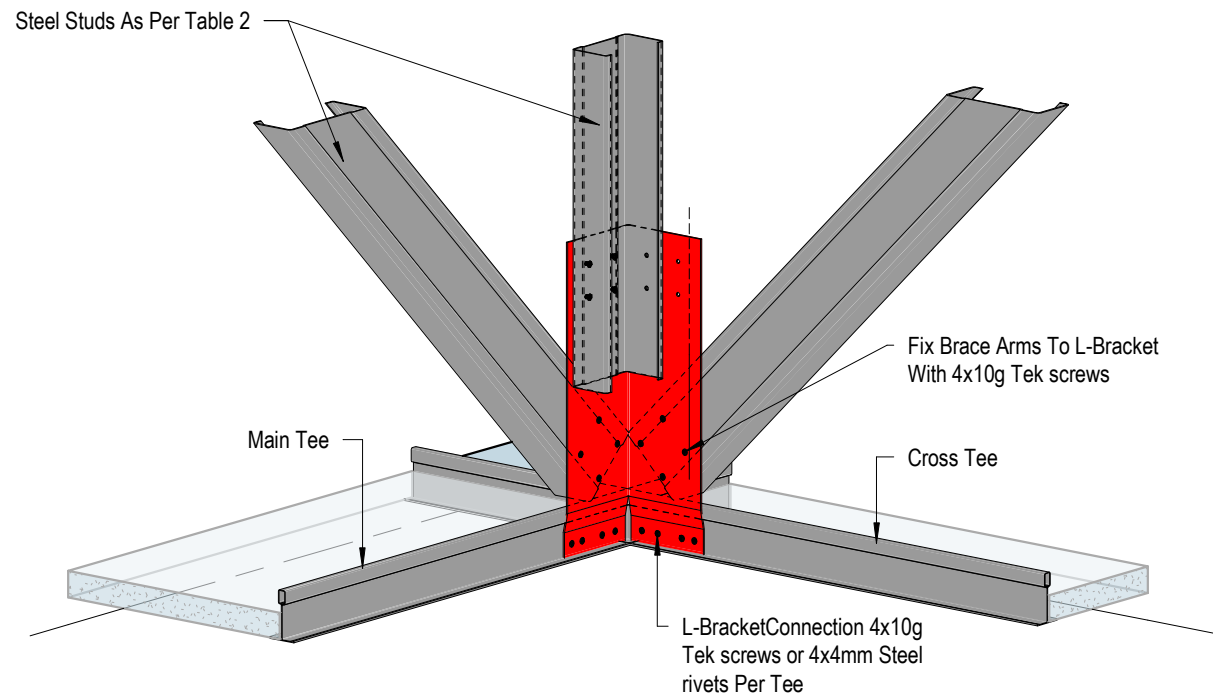
Stud Size	Maximum Plenum Height
64x0.75BMT	1.3m
64x0.75BMT Boxed	1.9m
92x0.75BMT Boxed	2.1m



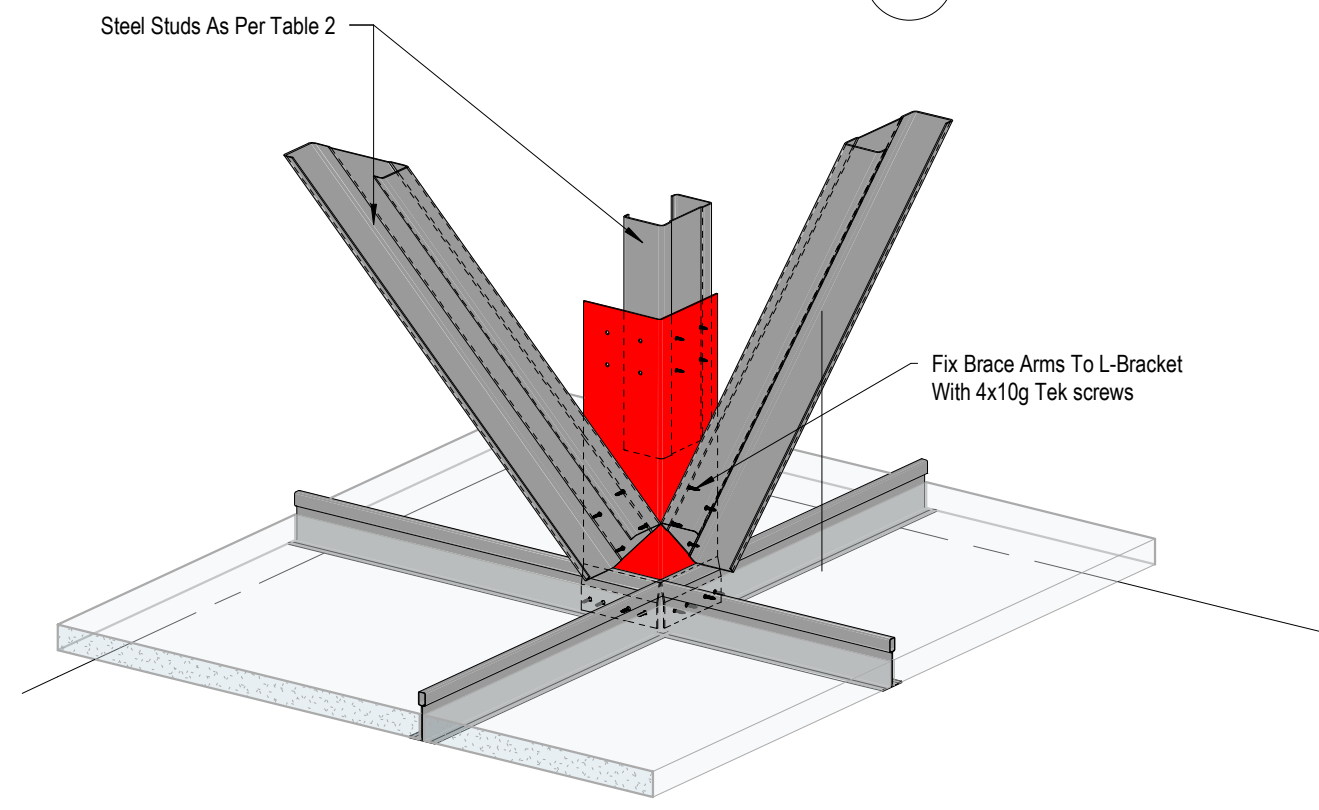
1 STUD CONNECTION DETAILS



2 TOP CONNECTION BRACKET



TEE CONNECTION DETAIL - FRONT



TEE CONNECTION DETAIL - BACK



CHRISTCHURCH, NEW ZEALAND
PH: +64 3 382 5282, WWW.MOTOVATED.CO.NZ™
COPYRIGHT 2008 MD&A A3



DESIGNED:	JL	19/05/22
DRAWN:	CF	19/05/22
CHECKED:	AS	19/05/22
REVIEWED:	JL	23/05/22
PROJECT NUMBER:	6077	
REV:	DATE:	DESCRIPTION:
A	23/05/22	FOR RELEASE

STRATO BRACE BACKBRACE & CONNECTION BRACKET

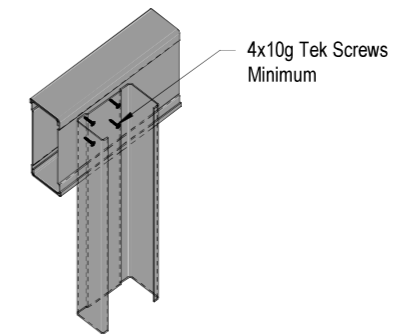
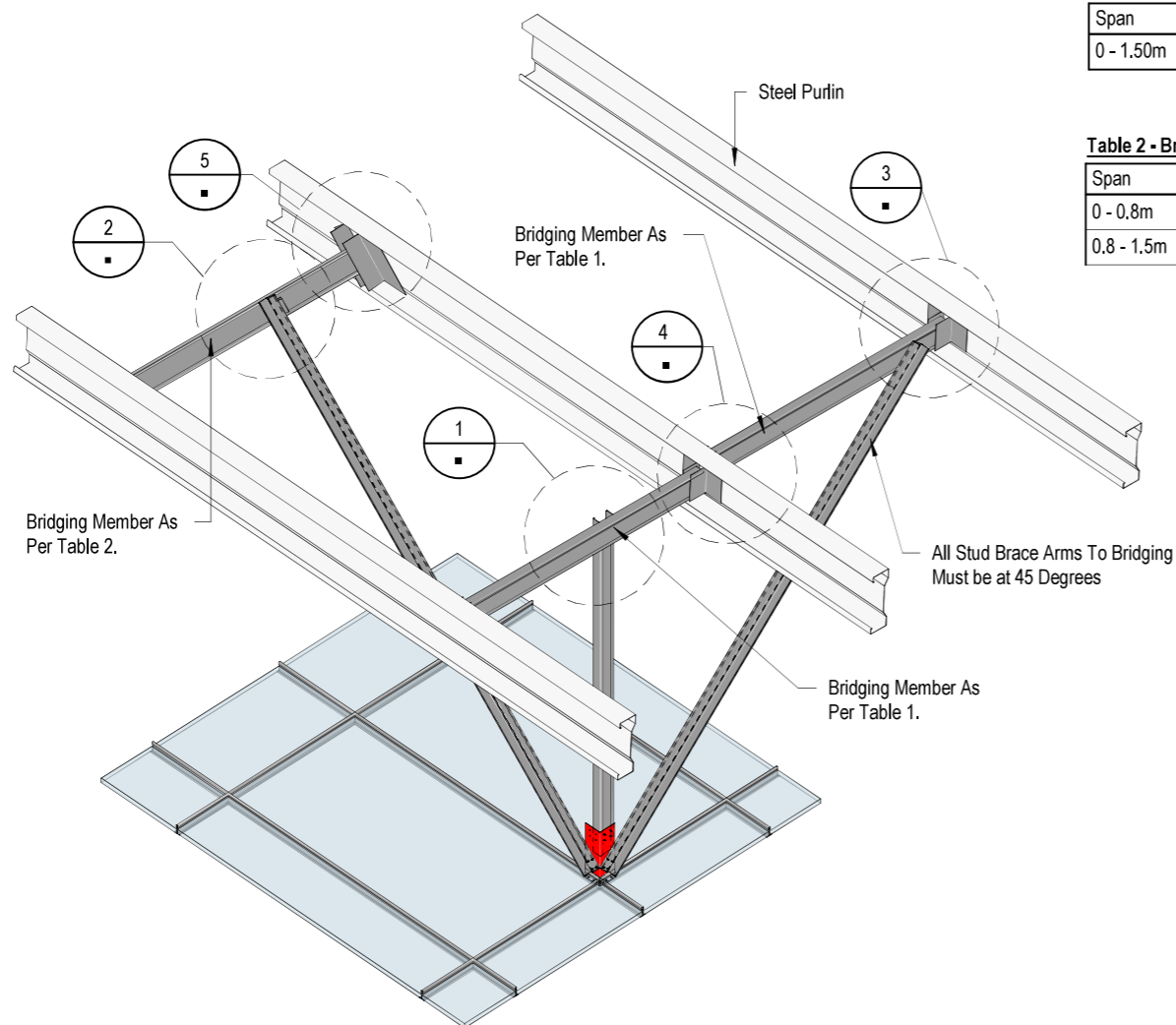
SCALE:	DRAWING No.	
A3 NTS	SE3-113	A

Table 1 - Bridging Span Table

Span	Bridging Member
0 - 1.50m	Boxed 92 x 35 x 0.75mm Steel Stud

Table 2 - Bridging Span Table

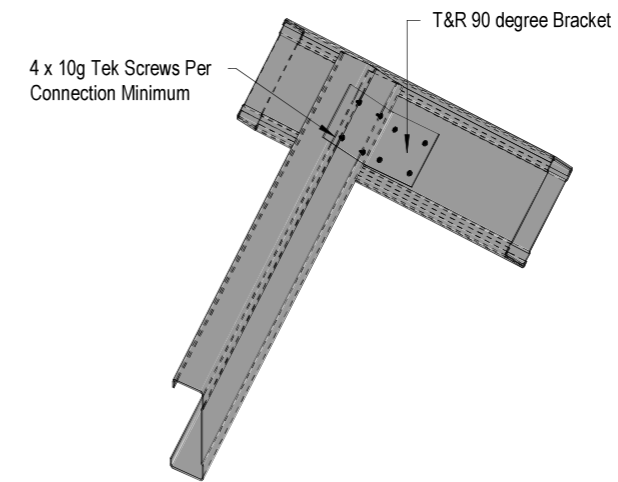
Span	Bridging Member
0 - 0.8m	Boxed 92 x 35 x 0.75 Steel Stud
0.8 - 1.5m	Boxed 92 x 35 x 1.15 Steel Stud



Notes:

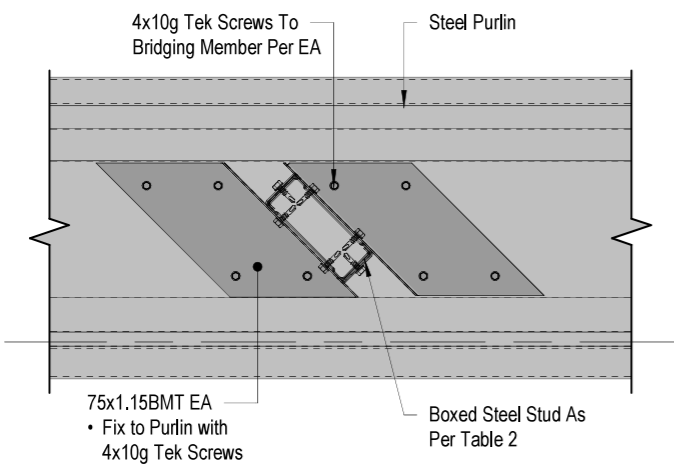
1. Designed for a maximum horizontal brace capacity of 2.45kN.
2. Boxed studs must be screwed together top & bottom at 300mm ctrs.
3. When installing bracing under purlins, fix brace member to purlins wherever possible as per specified brace layout.
4. Any alteration to design must be approved by a suitably qualified engineer. Approval and release of this drawing relates only to elements specifically designed by Motovated.

1 COMPRESSION POST TO BRIDGING MEMBER

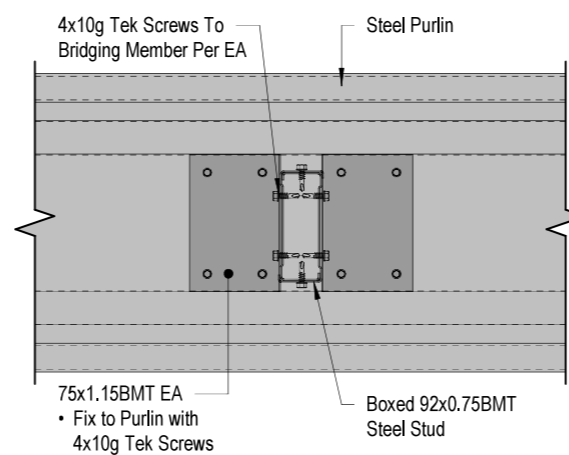


2 BRACE STUD TO BRIDGING MEMBER

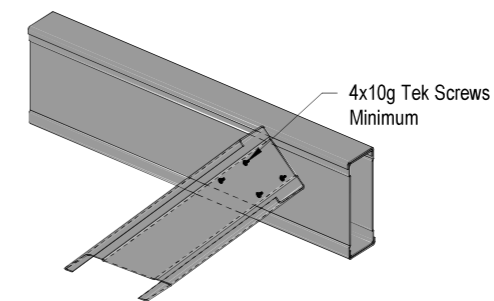
BRIDGED EXPOSED CEILING STRATO BRACE 3D



4 ROTATED BRIDGING MEMBER TO PURLIN



5 BRIDGING MEMBER TO PURLIN



3 BRACE STUD TO BRIDGING MEMBER

DESIGNED:	JL	19/05/22
DRAWN:	CF	19/05/22
CHECKED:	TM	12/10/22
REVIEWED:	TM	12/10/22
PROJECT NUMBER:	6077	
REV:	DATE:	DESCRIPTION:
A	12/10/22	FOR RELEASE