

Designed JSK 30/06/16

Drawn JSK 30/06/16

All dimensions in mm

Notes:

1. Must be used in conjunction with T&R's seismic system and not to be used with any other grid and/or system.
2. Not to be used as a substitute for engineering advise.
3. Compression post attached to purlin with 4x 4mm aluminium rivets or wafer tek screws
4. Compression post attached to ceiling grid with 3x 4mm aluminium rivets or Tek screw equivalent
5. Bracing wires are to be installed taut, with minimum possible slack in wires or joints
6. Turnbuckles may be installed inline with bracing wires to ensure tautness of bracing
7. When installing bracing under purlins, position compression post so top end is directly attached to purlin, as far as possible for the specified brace layout
8. Bracing wires connected to ceiling structure as close as possible to base of compression post

Title: TRIS 003

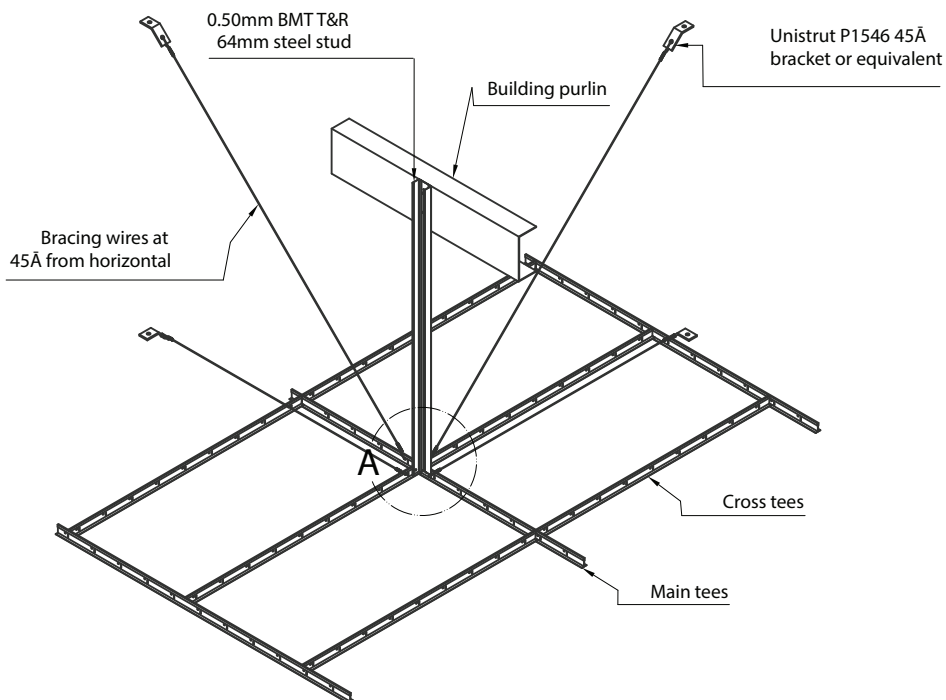
Generic Brace Detail:
Wire System

Project: Wire Brace Detail

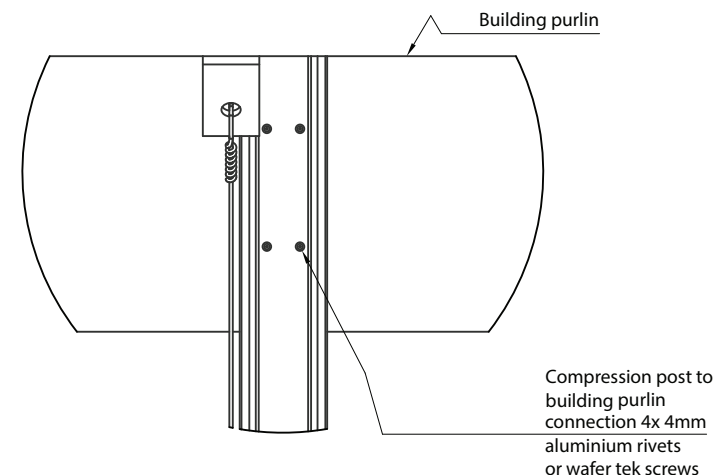
Scale: NTS

Table 1 - Fixing Specification from T&R Seismic Design Guide

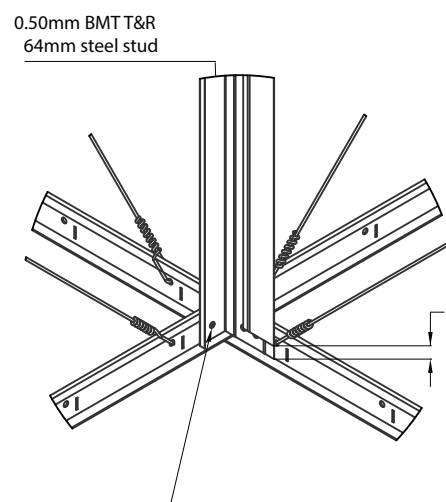
Connection	Fastener
Wire to Concrete	1 x M6 Mechanical anchor
Wire to Steel	1 x 10g Tek screw
Wire to Timber	1 x 10g Wood screw
Bracket to Concrete	2 x M6 Mechanical anchor
Bracket to Steel	3 x 10g Tek screw
Bracket to Timber	2 x 10g Wood screw



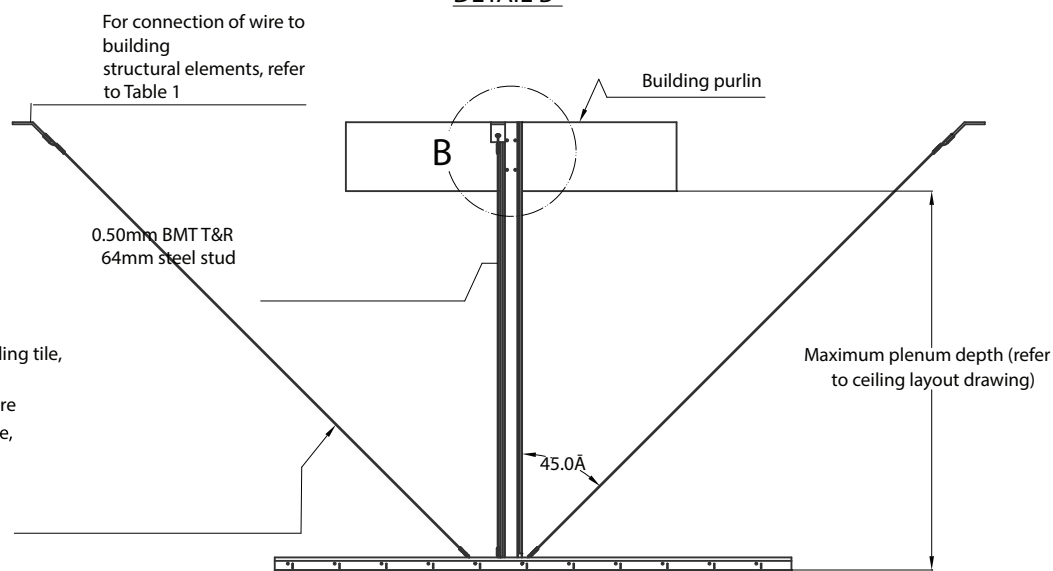
SYSTEM ISOMETRIC VIEW



BUILDING CONNECTION
DETAIL B



GRID CONNECTION ISOMETRIC
DETAIL A



REAR VIEW

Compression post to ceiling grid connection: 3x 4mm aluminium rivets or tek screws

Allowance cut for ceiling tile, continued at 45°
2.5mm Galv steel wire
(4 off per seismic brace, fy = 550 MPa)

For connection of wire to building structural elements, refer to Table 1

0.50mm BMT T&R 64mm Steel stud

Maximum plenum depth (refer to ceiling layout drawing)