

LEVEL 1 FRAMING PLAN

Beam/Column Joints, Connection Details, Steel Bracing & Support

STANDARD CONNECTIONS & DETAILS

COLUMN BASE PLATE (CBP-1)

- Base Plate: 400 x 400 x 25mm, Grade 300
- Anchor Bolts: M24, Grade 8.8 (4no.)
- Grout: Non-shrink epoxy, 50mm min
- Ref: Detail D1 on S-104

BEAM-COLUMN CONNECTION (BCC-2)

- Connection Type: Moment Resisting
- Bolts: M20 Grade 8.8, Category S
- Welds: AS/NZS 1554.1, SP Category
- Ref: Detail D2 on S-104

DIAGONAL BRACING (BR-3)

- Section: CHS 100 x 5.0mm, Grade 300PLUS
- End Connection: Bolted gusset plates
- Bolts: M16 Grade 8.8 (2no. per connection)
- Ref: Detail D3 on S-104

SHEAR TAB CONNECTION (STC-4)

- Tab Plate: 200 x 100 x 12mm
- Bolts: M16 Grade 8.8 (3no.)
- Weld: Fillet 8mm, 2 sides
- Ref: Detail D4 on S-104

IMPORTANT: All connections are designed for ultimate limit state loads. Site verification of dimensions and tolerances is mandatory before fabrication. Fabrication drawings and welding procedures required for approval (see S-001 General Notes, Item 5).

PROJECT	TINGALPA OFFICE FITOUT			DRAWING TITLE	Level 1 Framing Plan
CLIENT	Tingalpa Pty Ltd			LOCATION	Tingalpa, Brisbane QLD
DRAWN	A. Taylor	CHECKED	R. Smith	SCALE	1:20
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REVISION	A			STATUS	FOR CONSTRUCTION

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED BY
A	Initial Issue - Level 1 Framing & Connections	21 NOV 2025	R.S.