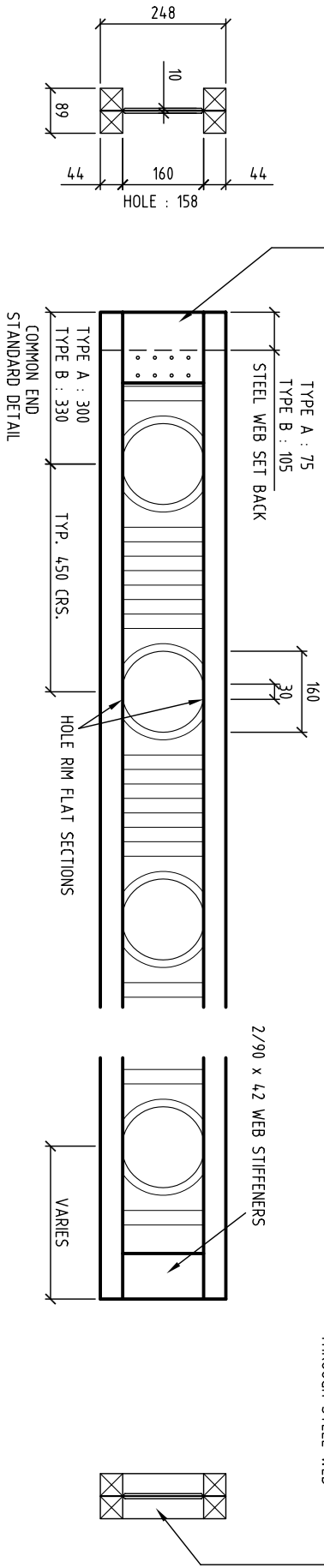


T25

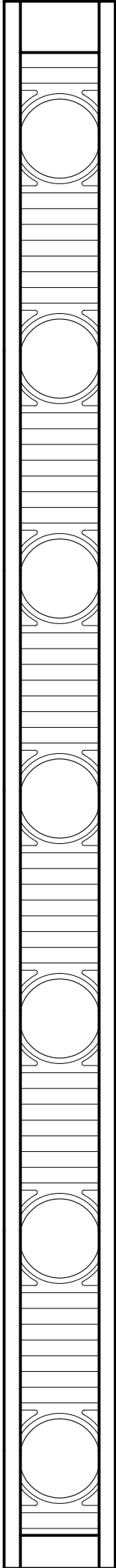
TYPE A : 2/140 x 42 WEB STIFFENERS
OR
TYPE B : 2/190 x 42 WEB STIFFENERS



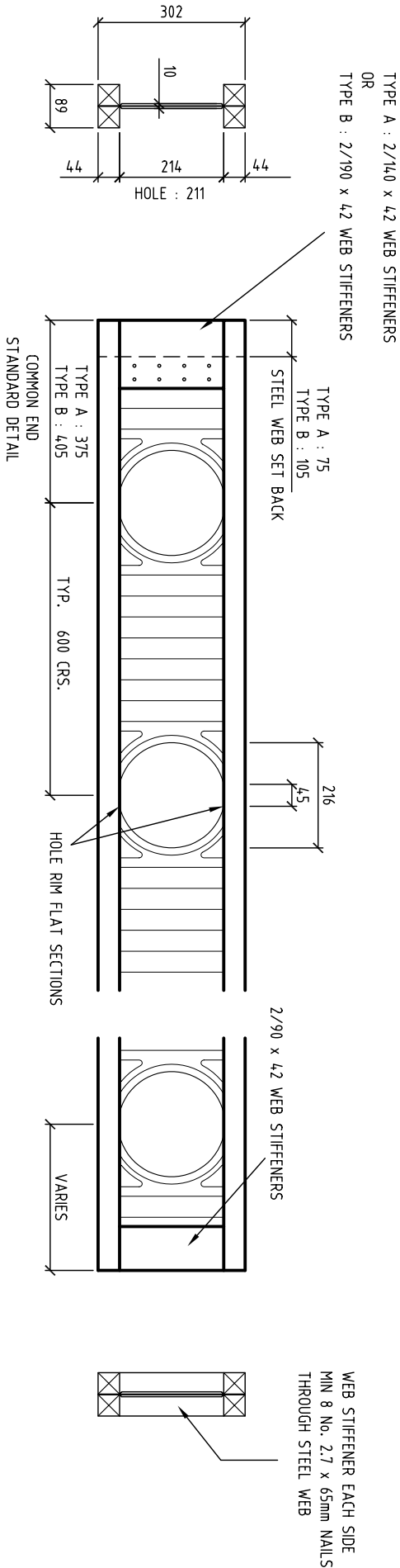
1.1 T25 SECTION

TECBEAM T25 ELEVATION

T25 END VIEW



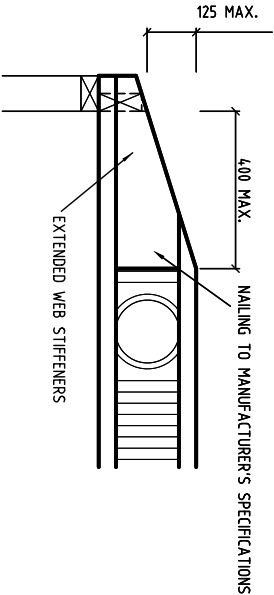
T30



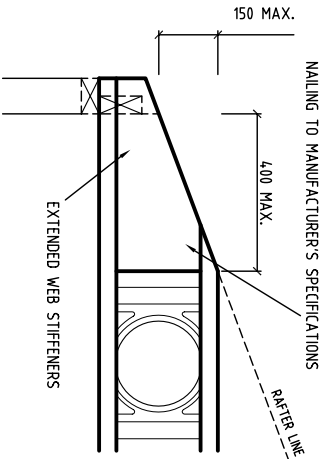
1.2 T30 SECTION

TECBEAM T30 ELEVATION

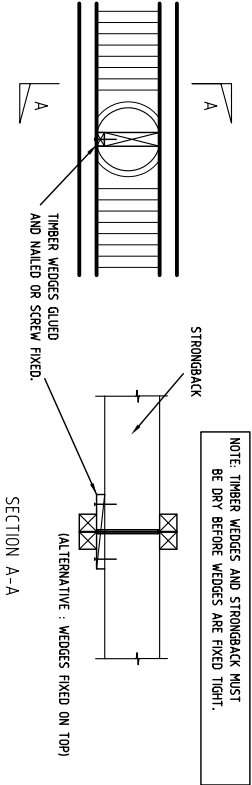
T30 END VIEW



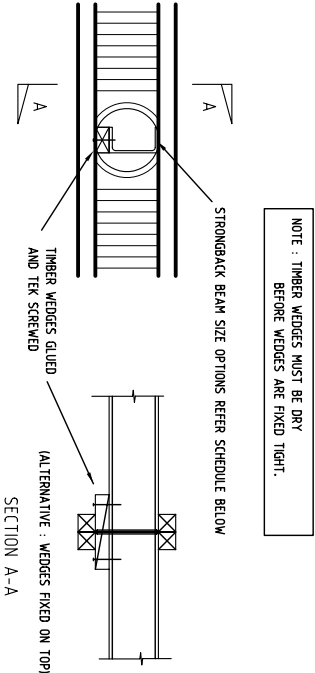
2.1 TECBEAM TAPERED END DETAIL-T25



2.2 TECBEAM TAPERED END DETAIL-T30

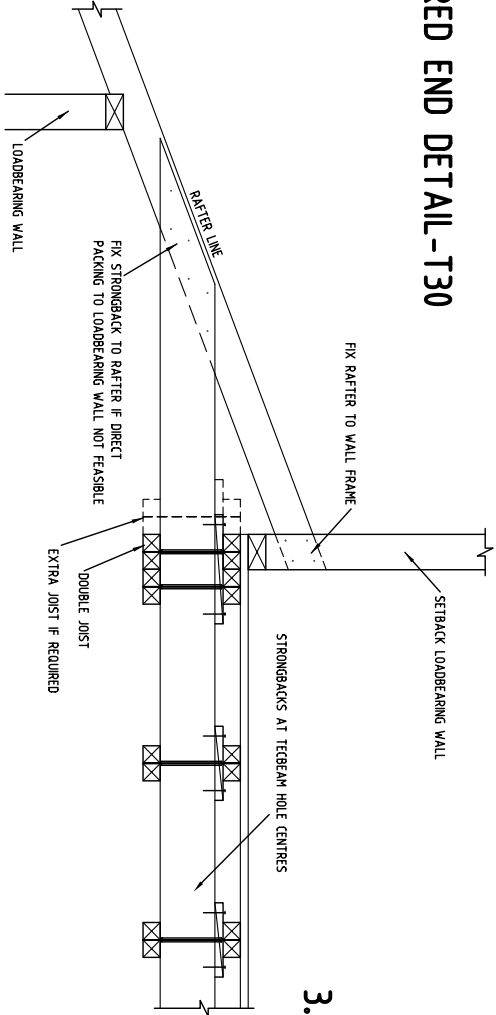


3.1 TECBEAM STRONGBACK CONNECTION TYPE 1

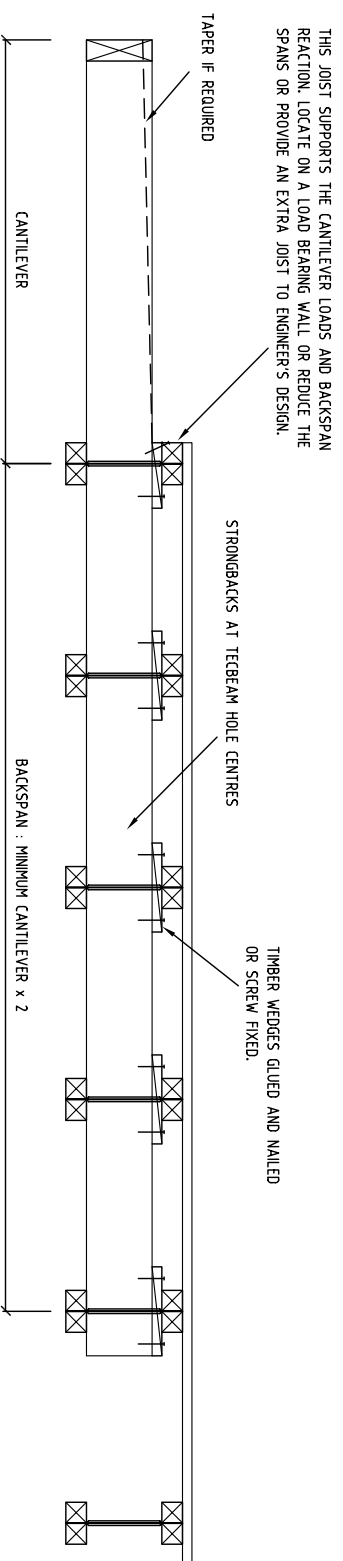


3.2 TECBEAM STRONGBACK CONNECTION TYPE 2

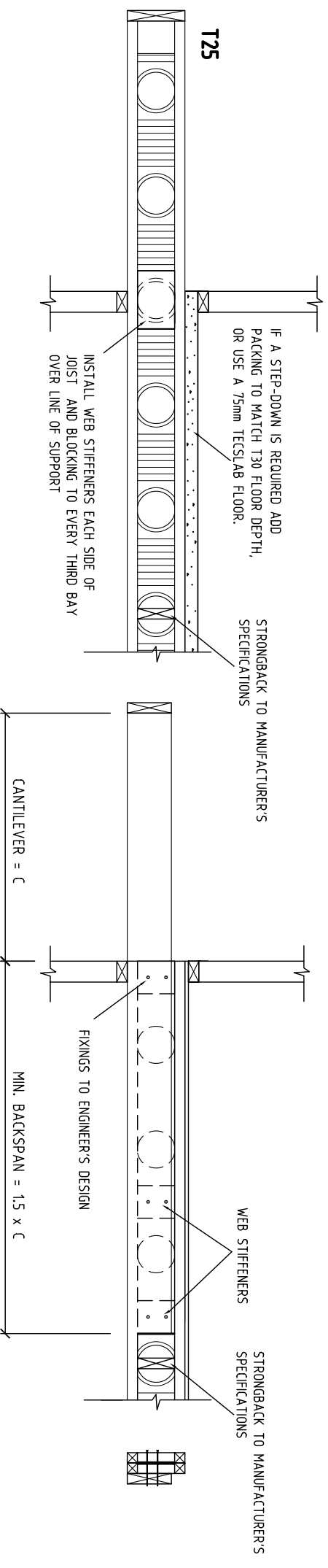
MAXIMUM BEAM SIZES	
T25	T30
150 PFC	180 UB
150 UB 14	200 PFC
2/140x45	2/190x45
150x63 LVL	200x63 LVL



3.3 TECBEAM STRONGBACK SUPPORT AT PERIMETER WALL

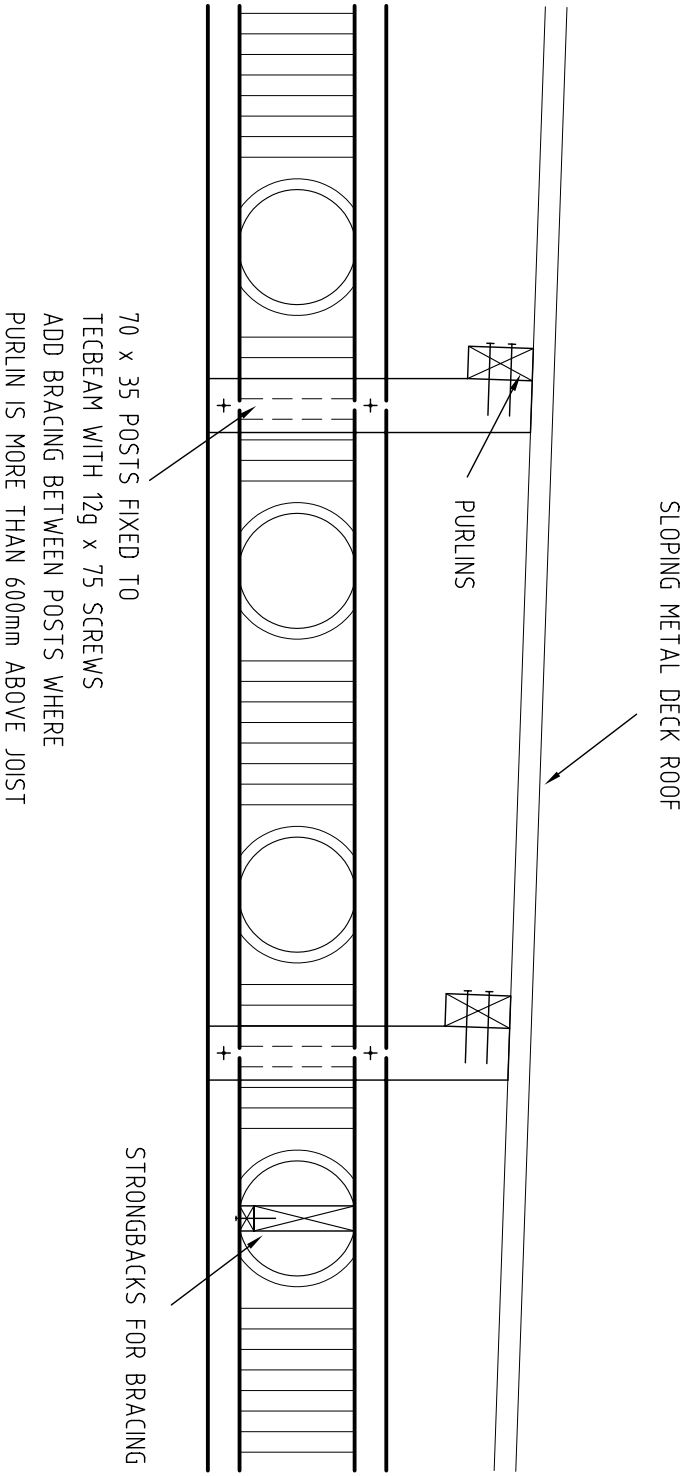


4.1 TECBEAM CANTILEVER BALCONY DETAIL - SECONDARY JOISTS IN CANTILEVER

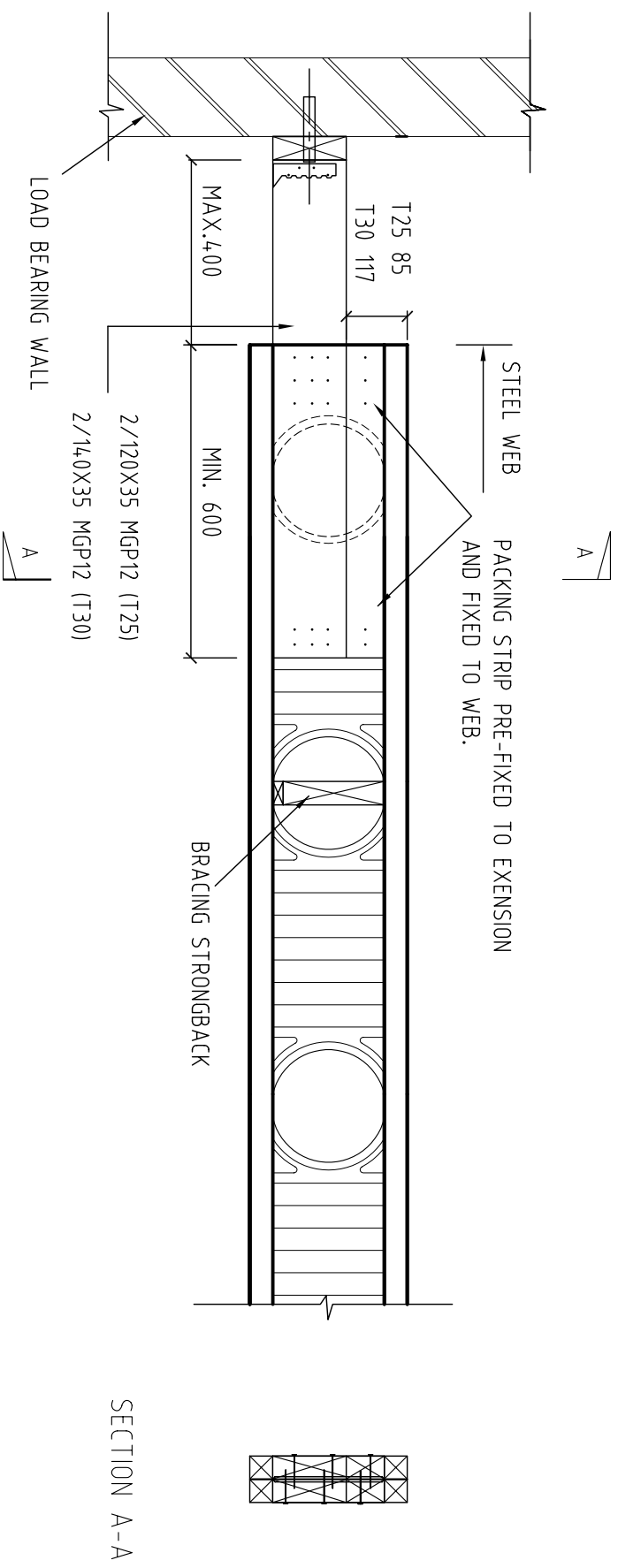


4.2. TECBEAM CANTILEVER BALCONY DETAIL JOISTS IN CANTILEVER

4.3. TECBEAM CANTILEVER BALCONY DETAIL SOLID TIMBER EXTENSION

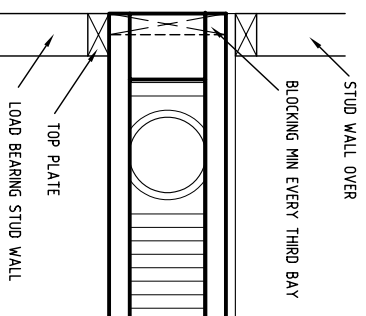


5.1 TECBEAM FLAT ROOF FRAMING DETAIL

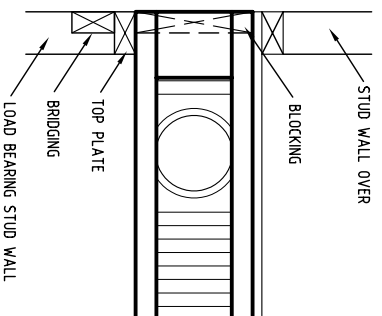


5.2 BOX GUTTER-JOIST END DETAIL

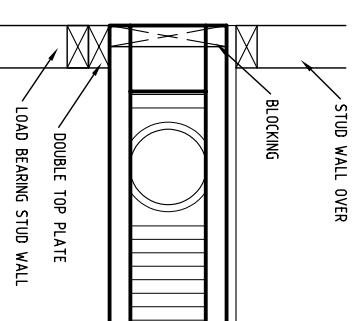
- NOTE:
1. METAL ROOF ONLY (NO SETBACK LOAD BEARING WALLS).
 2. FOR SETBACK LOADBearing WALLS, REFER TO MANUFACTURER.



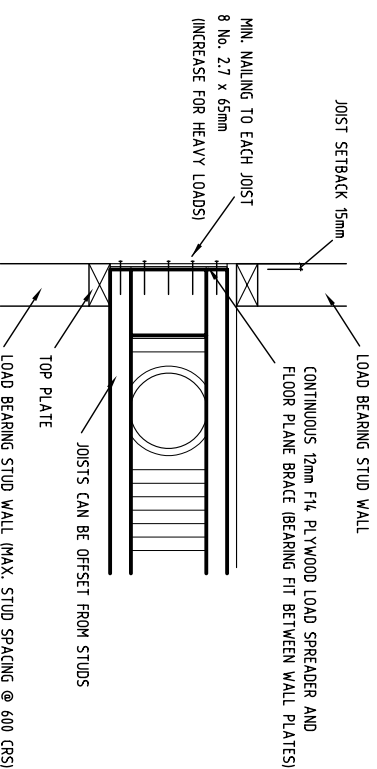
6.1 TECBEAM WALL SUPPORT TYPE 1
 STUDS IN-LINE WITH JOISTS



6.3 TECBEAM WALL SUPPORT TYPE 3
 STUDS OFFSET FROM JOISTS

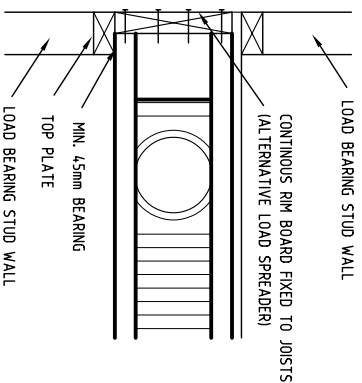


6.2 TECBEAM WALL SUPPORT TYPE 2
 STUDS OFFSET FROM JOISTS

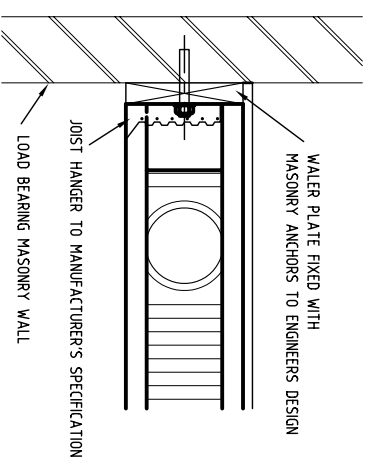


6.4 TECBEAM WALL SUPPORT TYPE 4
 LOAD SPREADER REPLACES BLOCKING & DOUBLE
 TOP PLATE OR BRIDGING FOR OFFSET STUDS

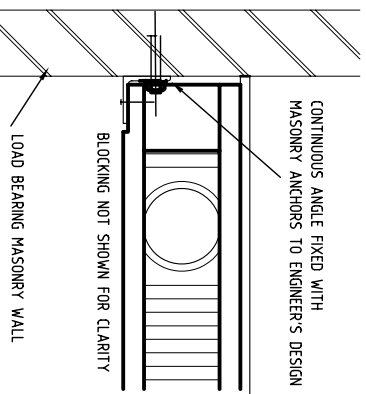
- FIXING OPTIONS :
- NAILS
 - SCREWS
 - TRIP-L-GRIPS
 - JOIST HANGERS
- (FOR HIGHER LOADS)



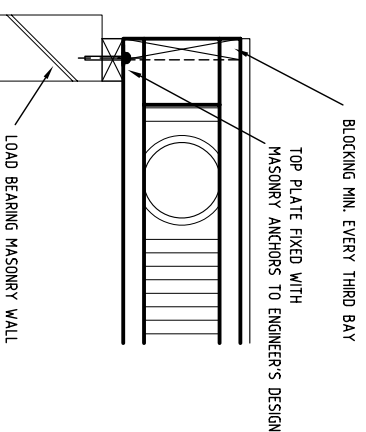
6.5 TECBEAM WALL SUPPORT TYPE 5 STUDS OFFSET FROM JOISTS



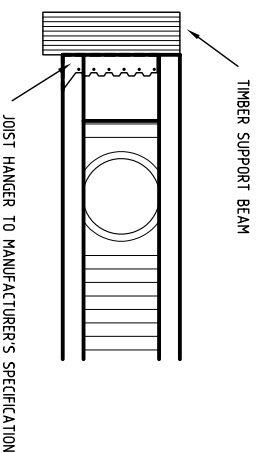
6.6 TECBEAM WALL SUPPORT TYPE 6 JOIST HANGER CONNECTION TO WALER PLATE



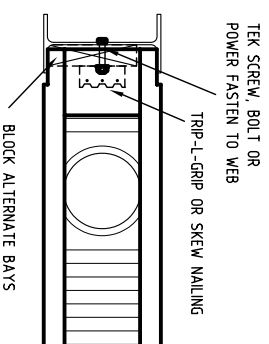
6.7 TECBEAM WALL SUPPORT TYPE 7 SHELF ANGLE



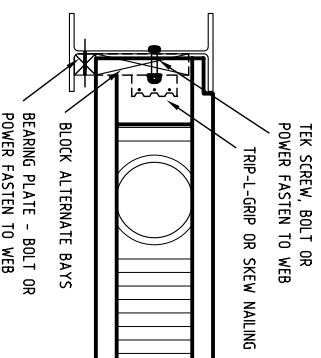
6.8 TECBEAM WALL SUPPORT TYPE 8 WALL PLATE ON MASONRY WALL



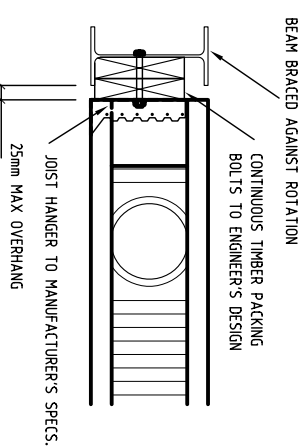
7.1 TECBEAM BEAM - CONNECTION TYPE 1
BUTTING INTO TIMBER BEAM



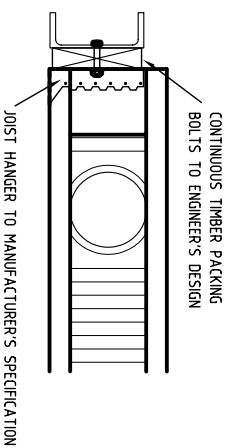
7.2 TECBEAM BEAM CONNECTION TYPE 2
NOTCHED INTO STEEL BEAM OF SIMILAR DEPTH



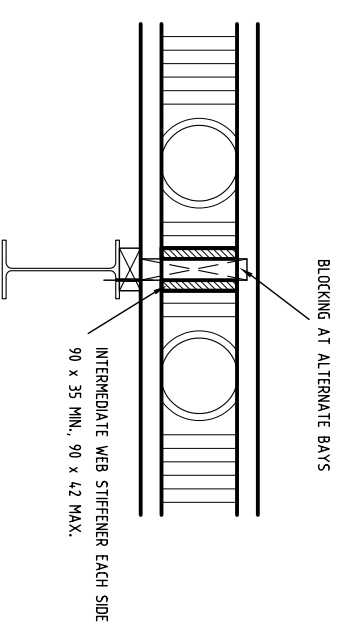
7.3 TECBEAM BEAM CONNECTION TYPE 3
NOTCHED INTO STEEL BEAM OF GREATER DEPTH



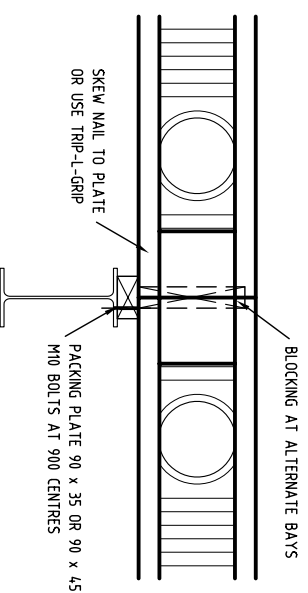
7.4 TECBEAM BEAM CONNECTION TYPE 4
TIMBER PACKER TO STEEL UB



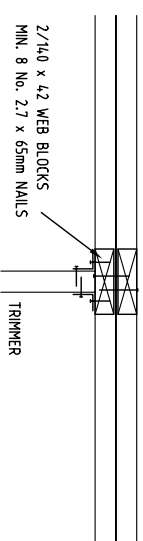
7.5 TECBEAM BEAM CONNECTION TYPE 5 TIMBER PACKER TO STEEL PFC



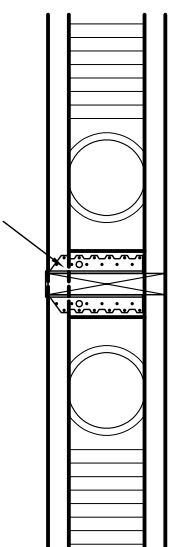
7.7 TECBEAM BEAM CONNECTION TYPE 7 CONTINUOUS OVER BEAM



7.6 TECBEAM BEAM CONNECTION TYPE 6 JOISTS BUTTING OVER BEAM

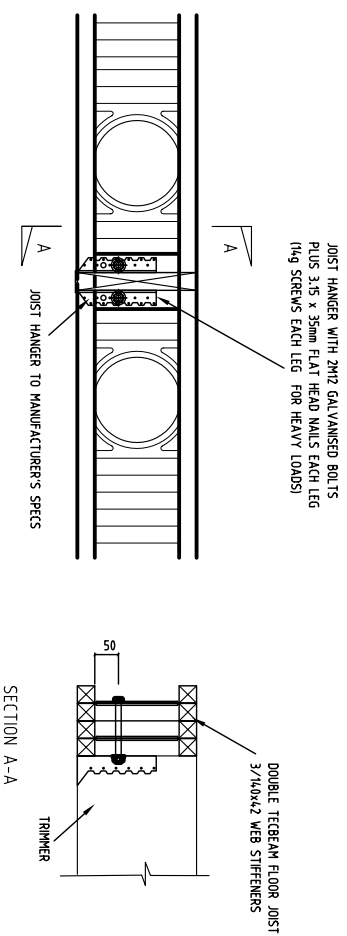


PLAN VIEW

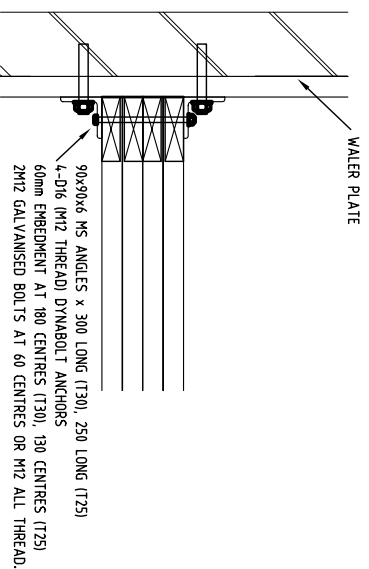
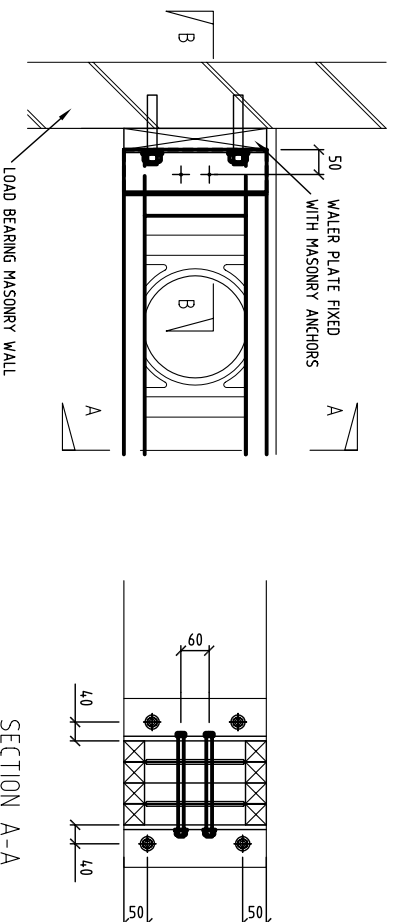


JOIST HANGER TO MANUFACTURER'S SPECS

8.1 TRIMMER CONNECTION TO SINGLE TECBEAM

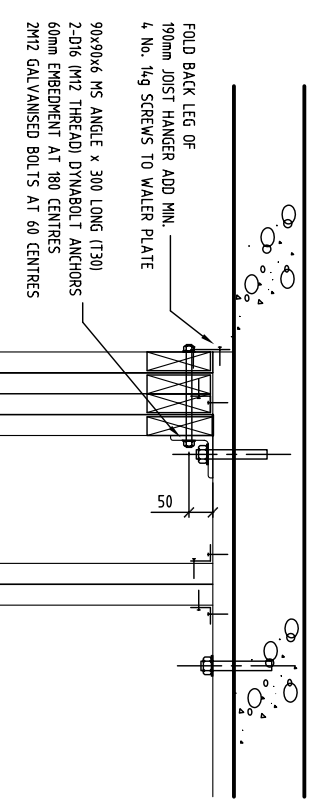
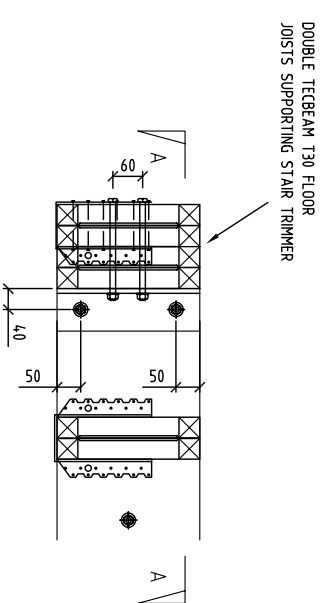


8.2 TRIMMER CONNECTION TO DOUBLE TECBEAM JOIST



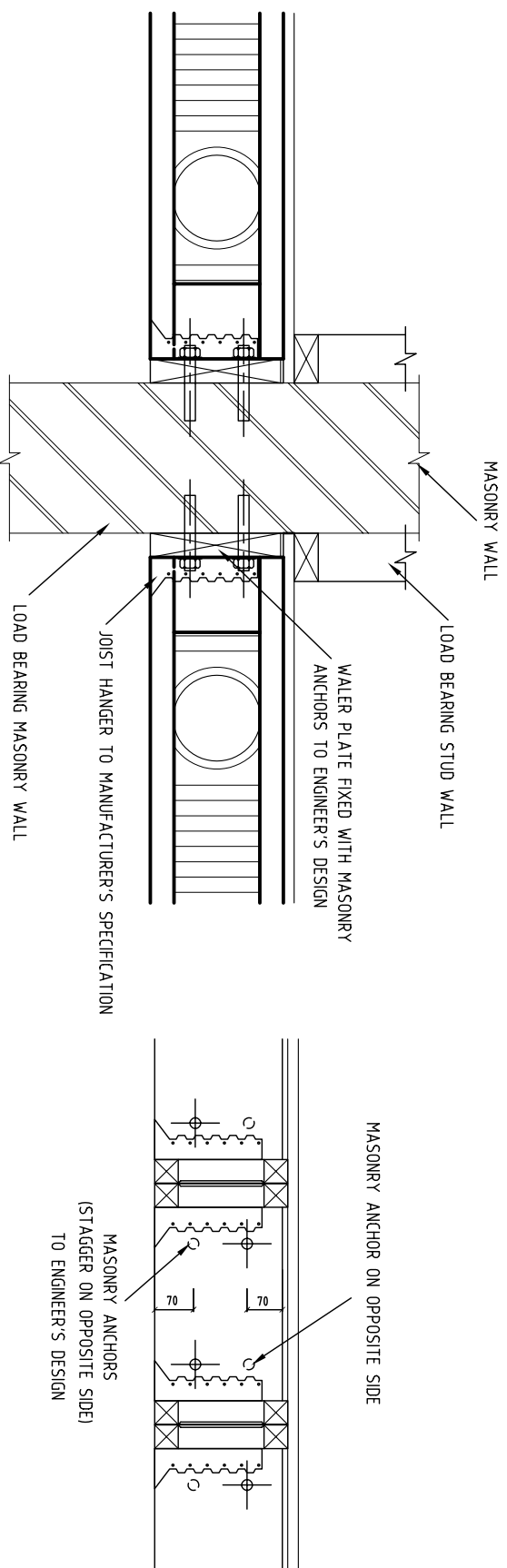
SECTION B-B

9.1 TECBEAM DOUBLE JOIST CONNECTION TO MASONRY WALL TYPE 1 SUPPORTING STAIR VOID OR SIMILAR

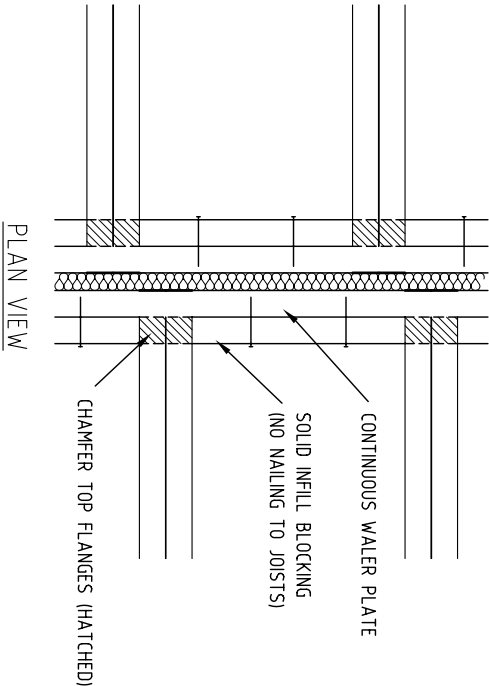


SECTION A-A

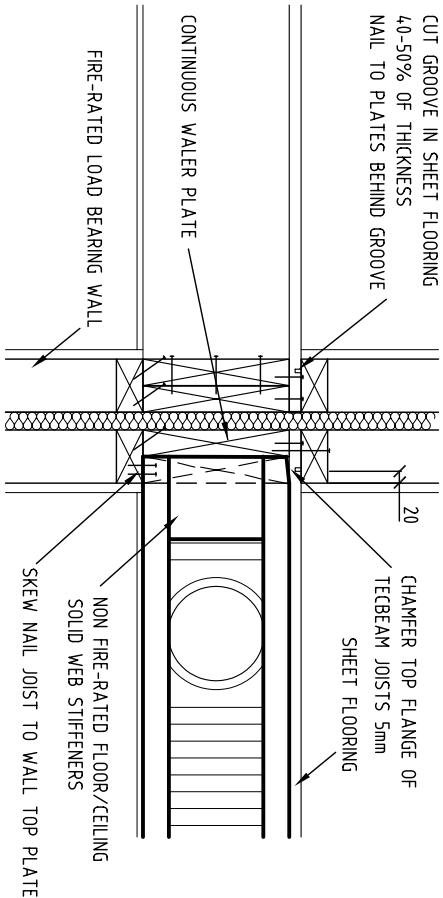
9.2 TECBEAM DOUBLE JOIST CONNECTION TO MASONRY WALL TYPE 2 SUPPORTING STAIR VOID TRIMMER



9.3 TECBEAM JOIST CONNECTION TO MASONRY WALL ALSO SUPPORTING LOAD BEARING WALL

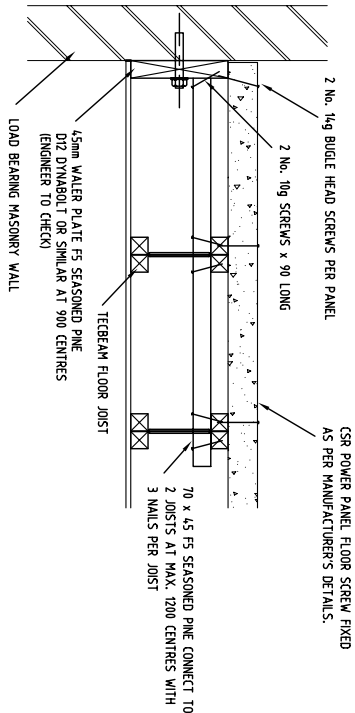
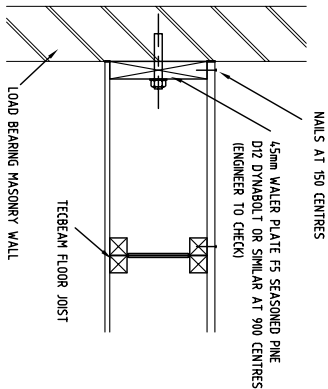


PLAN VIEW



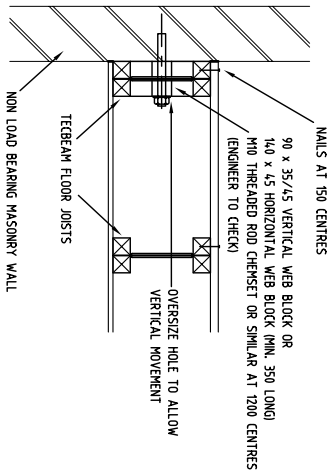
10.1 TECBEAM JOINT DETAIL AT FIRE RATED DOUBLE STUD WALL

REF. MULTI-RESIDENTIAL TIMBER FRAMED CONSTRUCTION (TPC MANUAL)

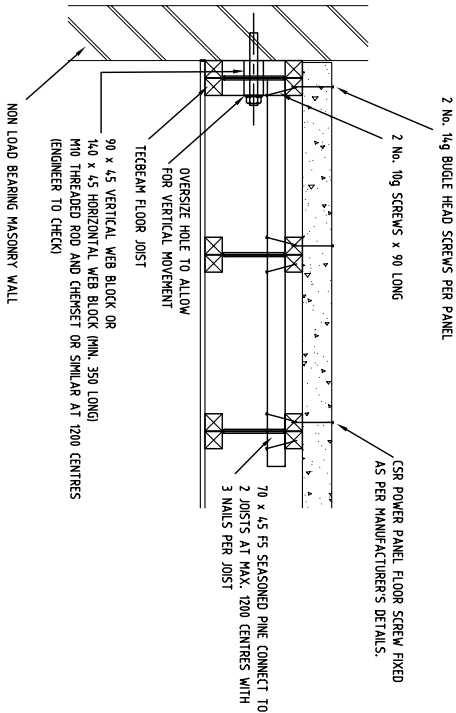


**11.1 TECBEAM JOISTS PARALLEL TO WALL TYPE 1
FLOOR SUPPORT AND WALL WIND LOAD SUPPORT**

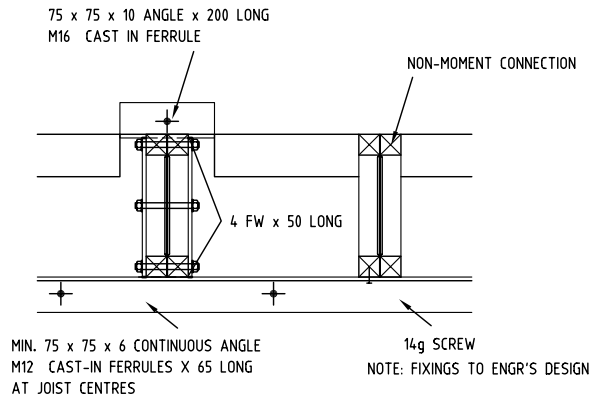
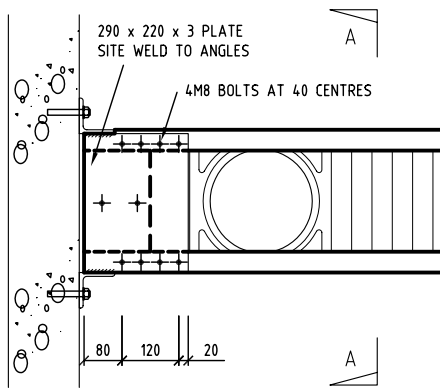
**11.3 TECSLAB/TECBEAM JOISTS PARALLEL TO WALL TYPE 3
WITH LIGHTWEIGHT CONCRETE FLOOR PANELS (TECSLAB)
FLOOR SUPPORT AND WALL WIND LOAD SUPPORT**



**11.2 TECBEAM JOISTS PARALLEL TO WALL TYPE 2
WALL WIND LOAD SUPPORT**



**11.4 TECSLAB/TECBEAM JOISTS PARALLEL TO WALL TYPE 4
WITH LIGHTWEIGHT CONCRETE FLOOR PANELS
WALL WIND LOAD SUPPORT**

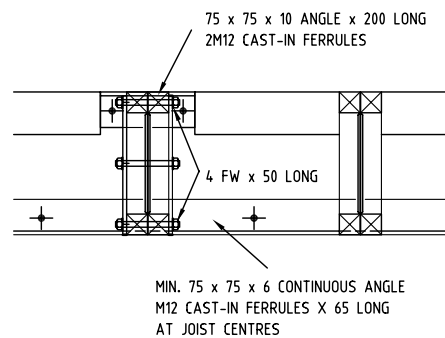
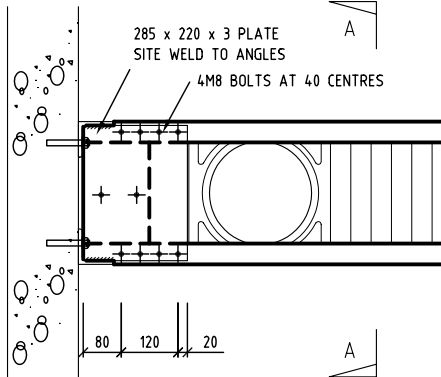


SECTION A-A

12.1 TECBEAM MOMENT CONNECTION TYPE 1 CONNECTION TO CONCRETE WALL

(SWAY BRACING FRAMING)

FOR BRACING CAPACITY REFER TO ENGINEER OR TECBEAM PTY LTD

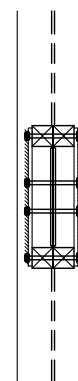
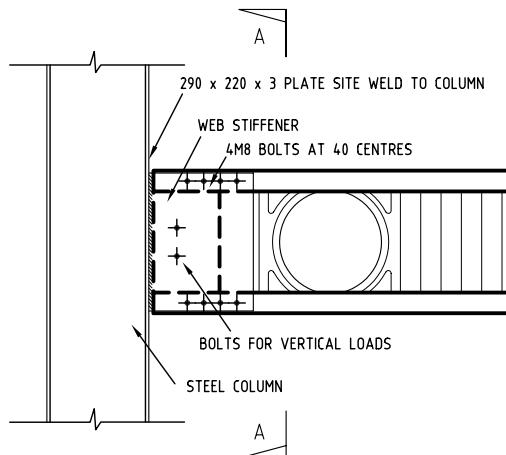


SECTION A-A

12.2 TECBEAM MOMENT CONNECTION TYPE 2 CONNECTION TO CONCRETE WALL

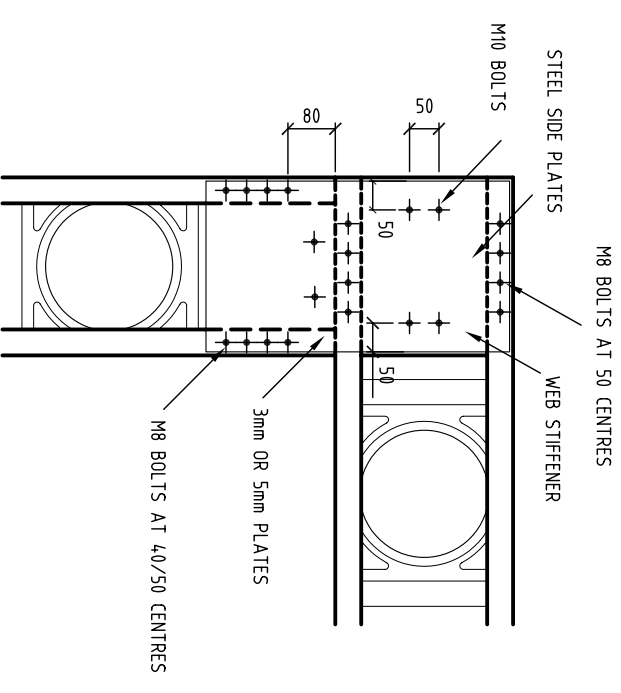
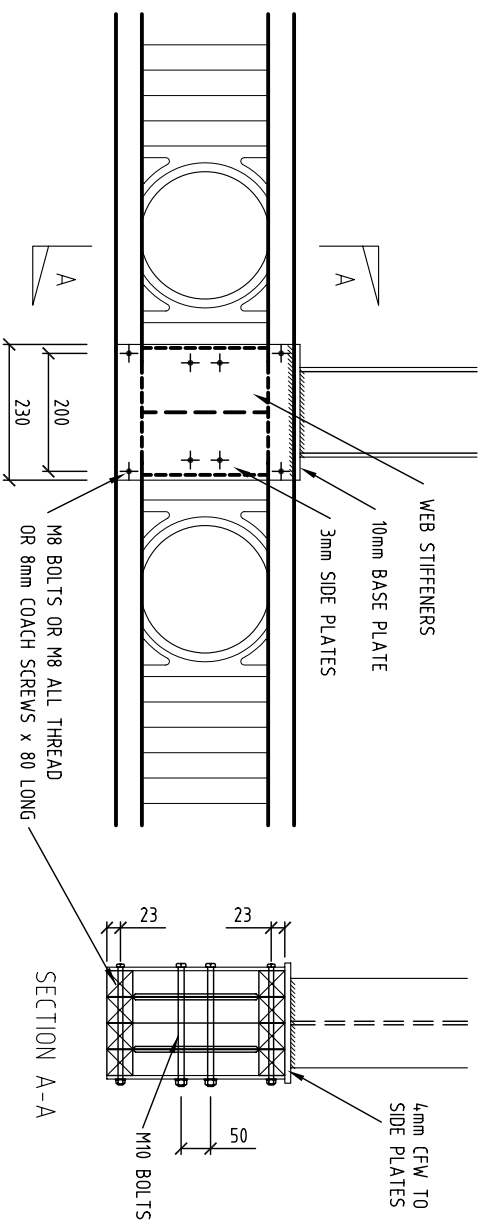
(SWAY BRACING FRAMING)

FOR BRACING CAPACITY REFER TO ENGINEER OR TECBEAM PTY LTD



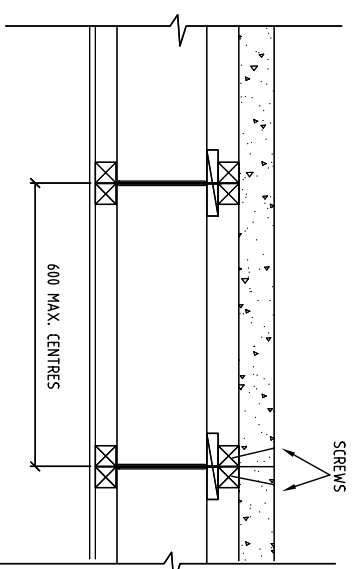
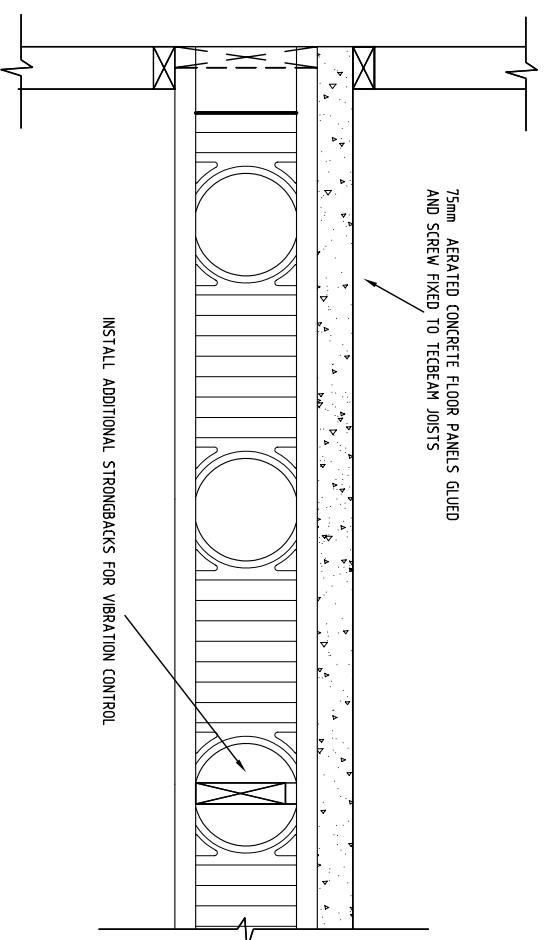
SECTION A-A

12.3 TECBEAM MOMENT TYPE 3 CONNECTION TO STEEL COLUMN

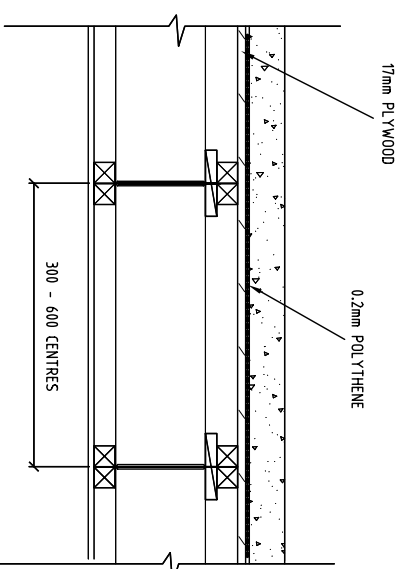
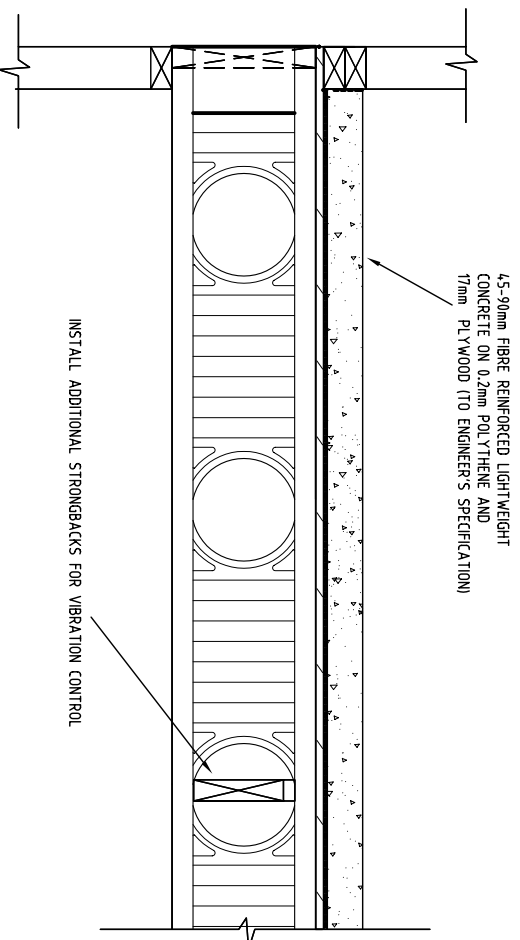


12.4 TECBEAM MOMENT CONNECTION TYPE 4 DOUBLE JOIST WITH COLUMN SWAY BRACE

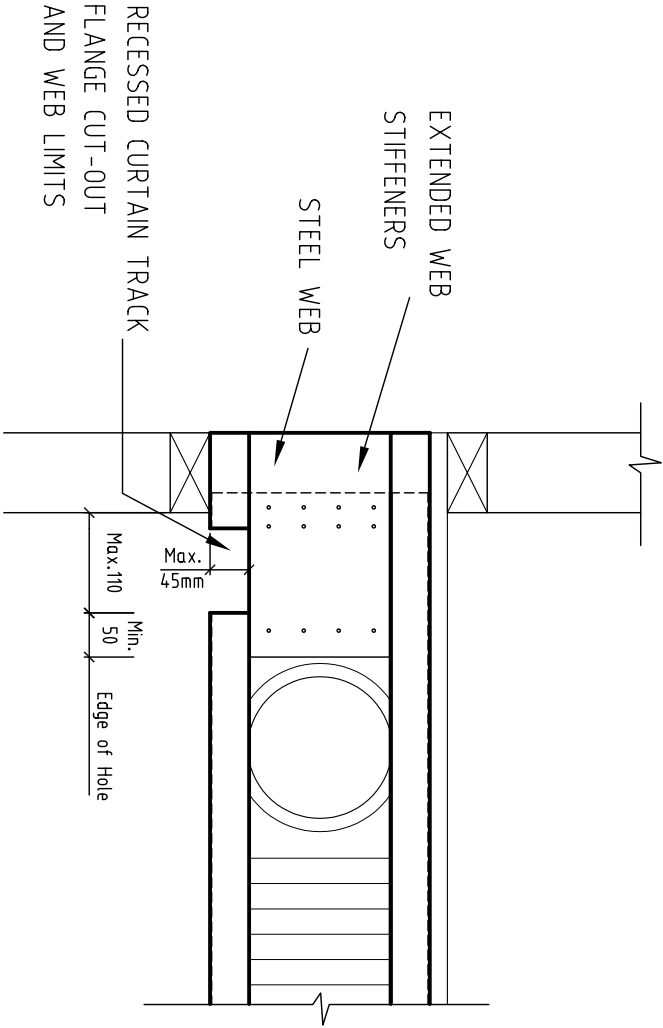
12.5 TECBEAM MOMENT CONNECTION TYPE 5 PORTAL KNEE



13.1. TECSLAB TYPE 1 : AERATED CONCRETE FLOOR PANELS



13.2. TECSLAB TYPE 2 : INSITU CONCRETE



14.1 TECBEAM RECESSED CURTAIN TRACK CUTOUT