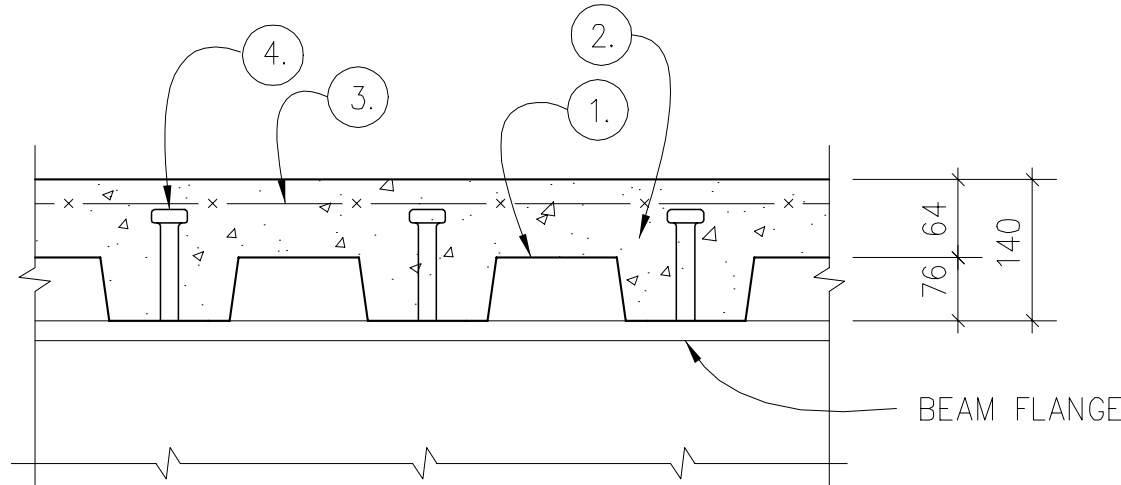
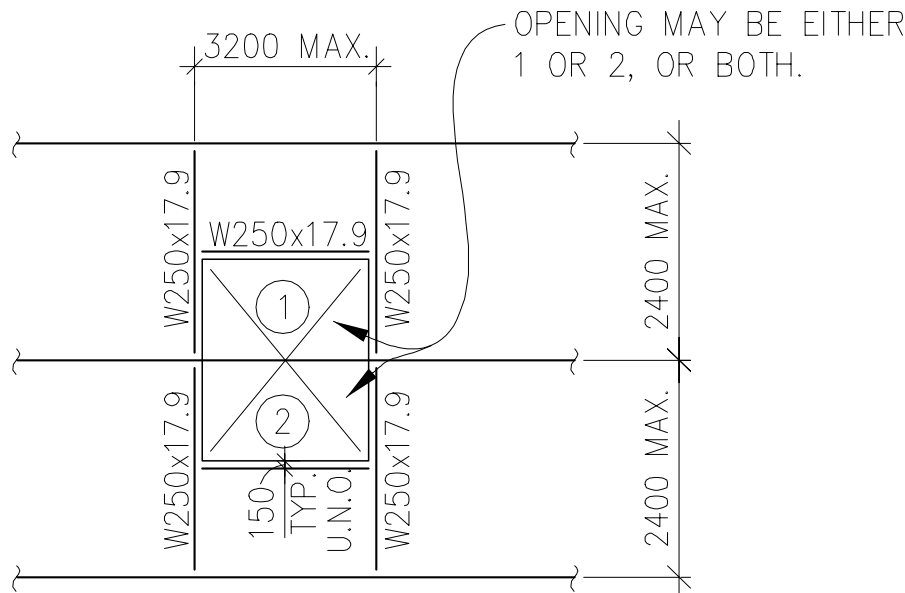


REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED



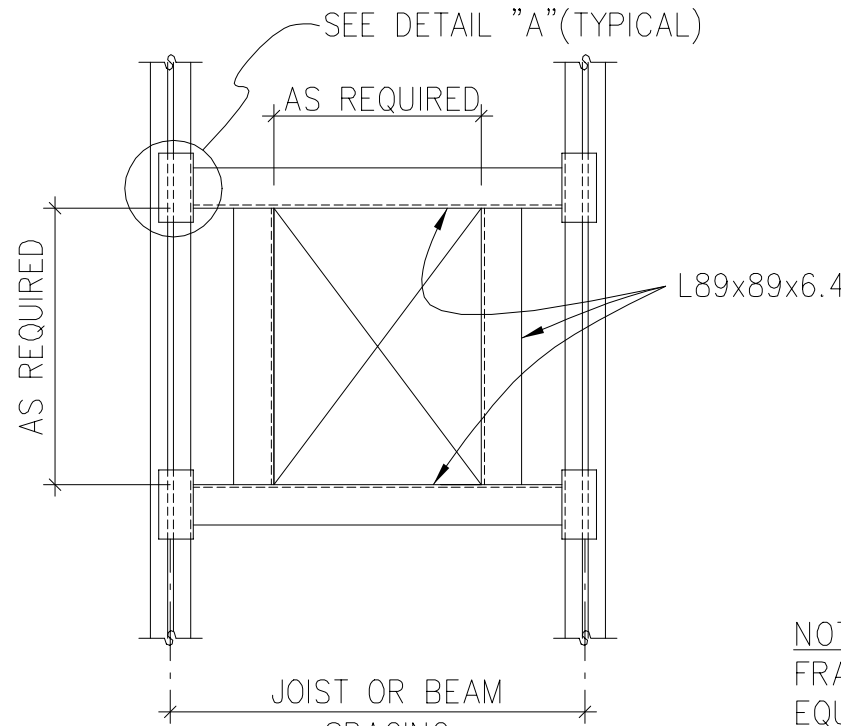
1. GALVANIZED STEEL DECK, COMPOSITE TYPE, 20 GAGE UNLESS SHOWN OTHERWISE, 2-SPAN MINIMUM INSTALLATION w/o SHORING. WELD TO SUPPORTS WITH 16 mmØ PUDDLE WELDS @ 300 mm MAX. O.C. SCREW SIDELAPS @ 900 mm MAX. O.C. PROVIDE 18 GAGE GALV. SHEET METAL EDGE FORM CLOSURE STRIPS AND SEALS TO PREVENT CONCRETE LEAKAGE.
2. 2330 kg/m³(145 PCF) NORMAL WEIGHT CONCRETE, f' c= 21 MPa (3000 PSI).
3. 152x152 - MW9.1xMW9.1 WELDED WIRE FABRIC, PROVIDED IN FLAT SHEETS, 25 mm CLEAR FROM TOP OF SLAB, TIED TO TOPS OF WELDED STUDS @ BEAMS.
4. 19 mmØ x 114 mm HI (AFTER WELDING) WELDED, HEADED SHEAR STUDS, ASTM A108. UNLESS INDICATED OTHERWISE ON PLANS, PROVIDE STUDS @ 900 mm MAX. O.C. AT ALL SUPPORTS. STUDS SHALL BE PLACED UNIFORMLY ALONG BEAM LENGTHS, EXCEPT AS SHOWN AT GIRDERS.

TYPICAL CONCRETE ON COMPOSITE STEEL DECK FLOOR DETAIL

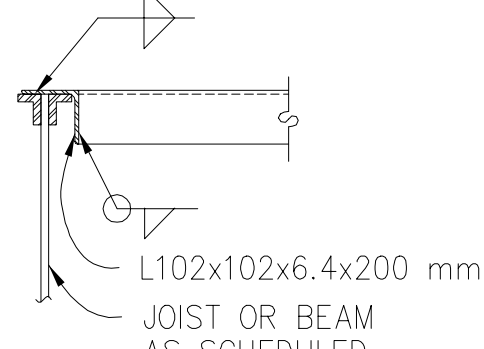


TYPICAL SMALL OPENING IN DECK/SLAB DETAIL

- NOTES: 1. USE UNLESS SHOWN OTHERWISE.
2. FOR OPENINGS > 600, UP TO 3200 mm WIDE.
3. COORDINATE LOCATIONS WITH MECHANICAL AND ARCHITECTURAL REQUIREMENTS.

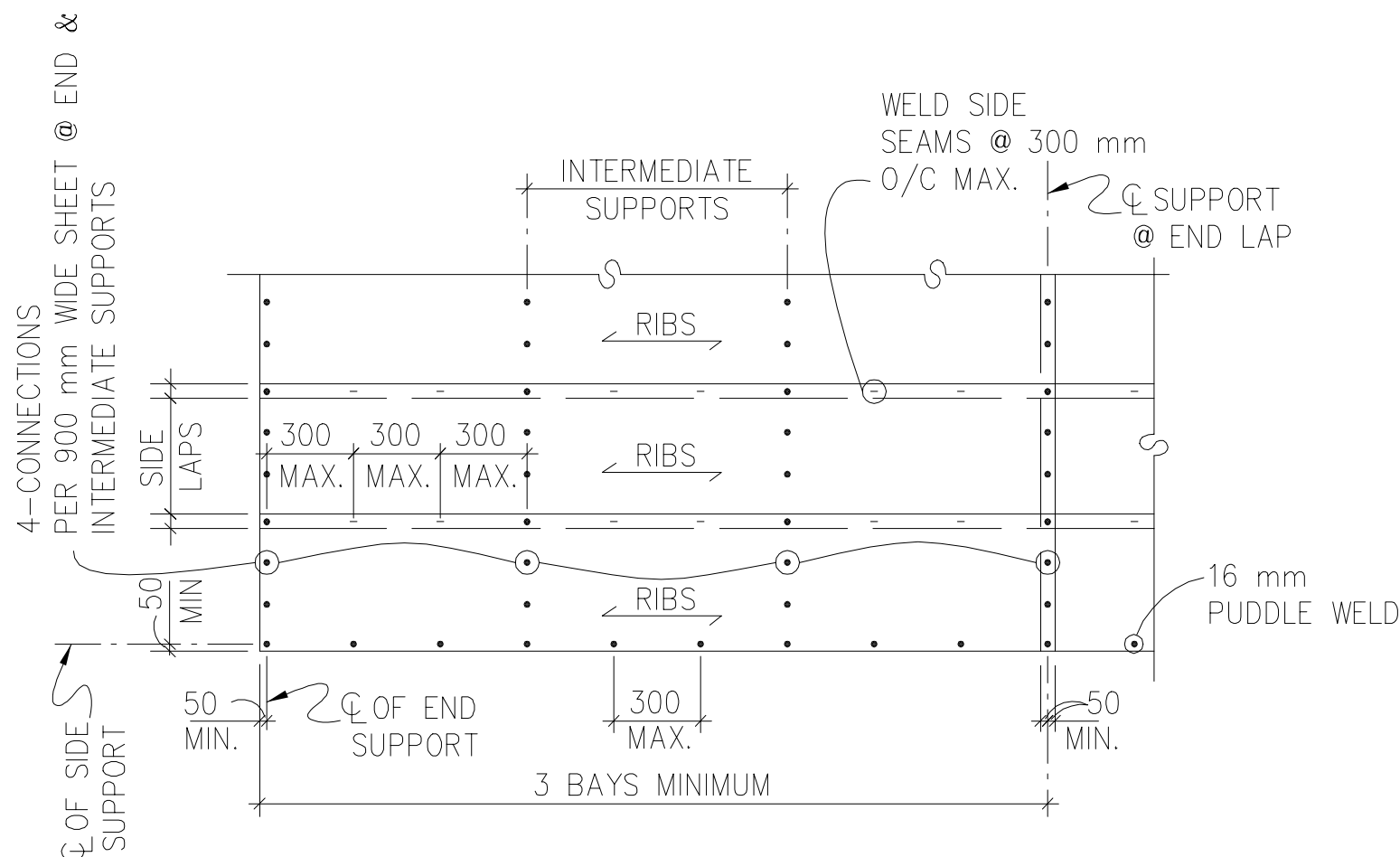


TYPICAL FRAMING FOR ROOF AND FLOOR OPENINGS

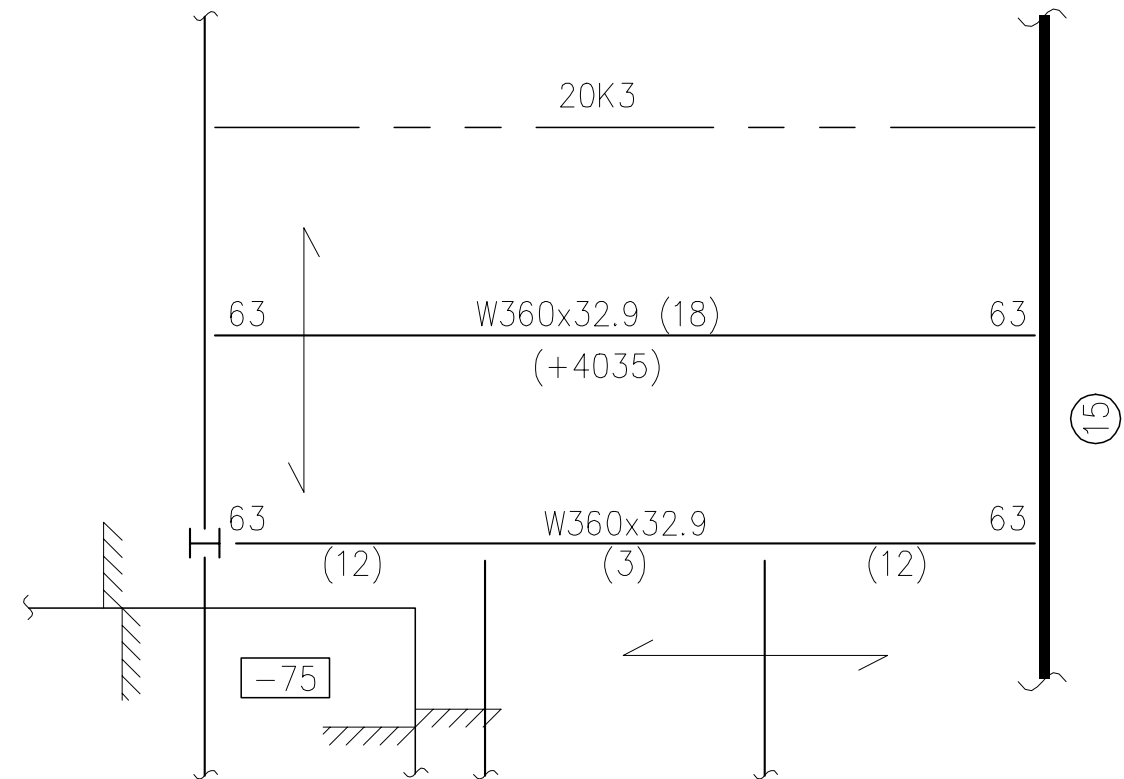


NOTE: VERIFY EXTENT OF FRAMING WITH SPECIFIC EQUIPMENT SIZE & LOCATION.

DETAIL "A"



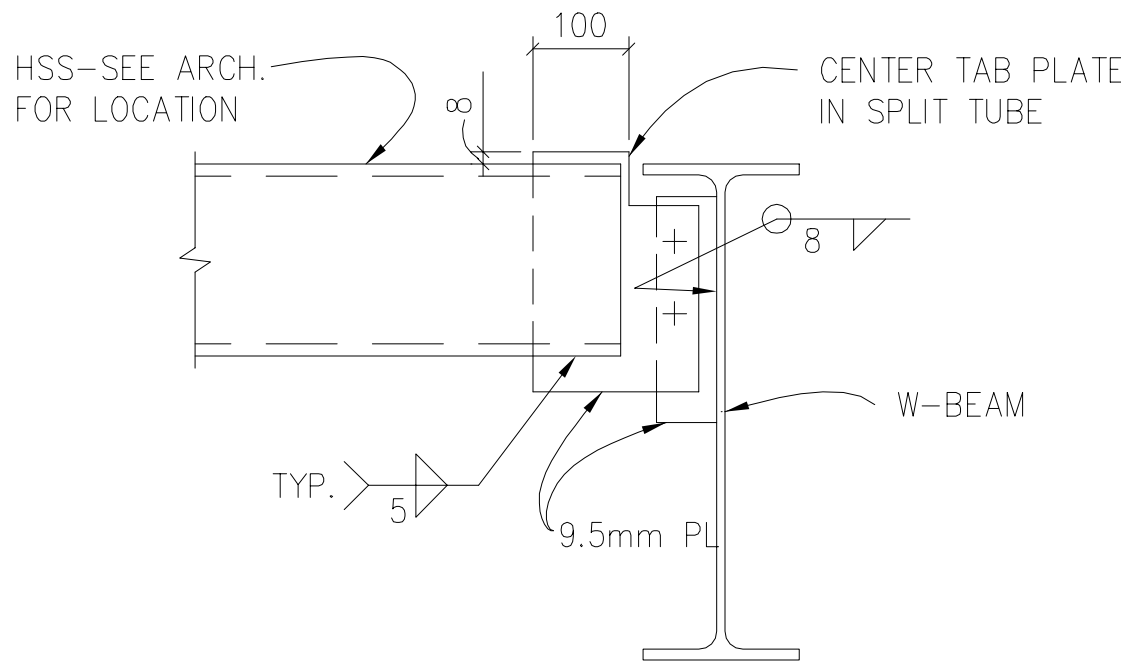
TYPICAL ROOF STEEL DECK FASTENING



- 20K3: OPEN WEB STEEL JOIST DESIGNATION
W360x32.9: BEAM SIZE
(18): NO. OF WELDED HEADED STUDS ON BEAM
(12) (3) (12): NO. OF WELDED HEADED STUDS TO BE APPLIED TO GIRDER BETWEEN INTERSECTING BEAMS
(+4035): TOP OF STEEL BEAM ELEVATION (30.50 m = +0). BEAMS WITHOUT CALLOUTS ARE SLOPED.
-160: TOP OF STEEL ELEVATION RELATIVE TO FINISH FLOOR OR ROOF
63: BEAM END REACTION (kN) FOR CONNECTION DESIGN.
⑮: LATERAL LOAD RESISTING BRACED FRAME WITH BOLTED DIAGONALS. EXTENT OF FRAME INDICATED BY HEAVY LINES. SEE SHEET S3-1.
[-75]: DEPTH BELOW FINISH FLOOR OF STRUCTURAL ROUGH POUR AT DEPRESSED AREAS.
//: PERIMETER OF DEPRESSED AREAS.
→: DECK SPAN DIRECTION

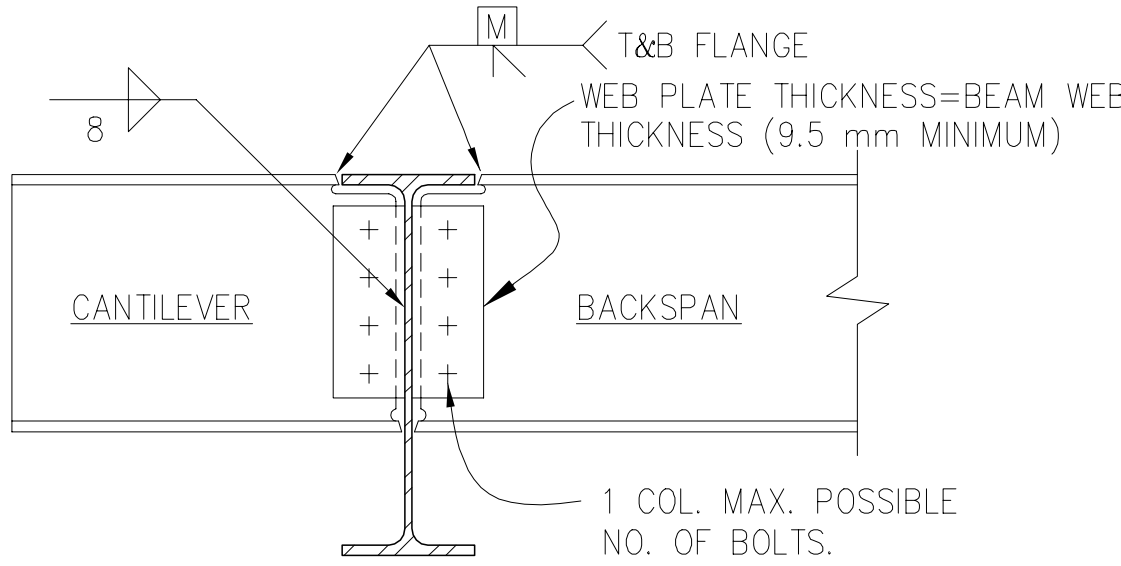
TYP. STRUCTURAL FRAMING LEGEND

EXCEPT AS OTHERWISE SHOWN OR NOTED ON STRUCTURAL DRAWINGS, THE ABOVE APPLIES TO THE STRUCTURAL FRAMING SHOWN ON PLANS.



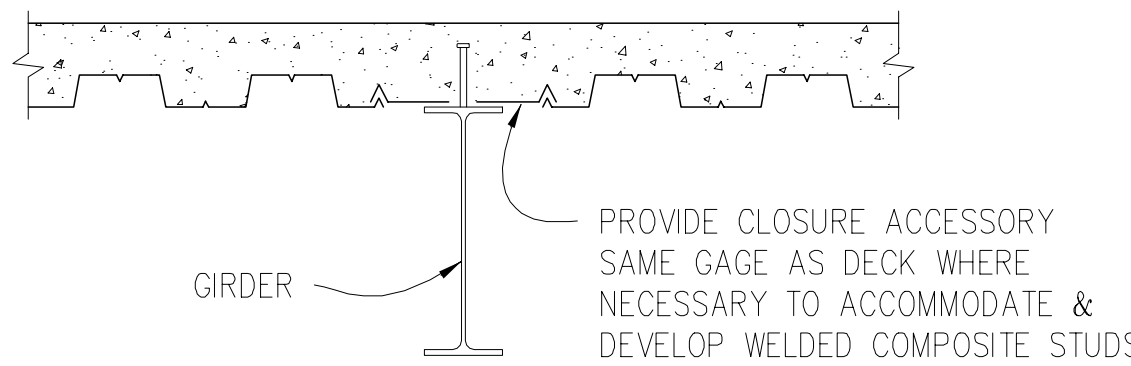
TYPICAL TUBE CONNECTION AT STAIR LANDINGS

NO SCALE



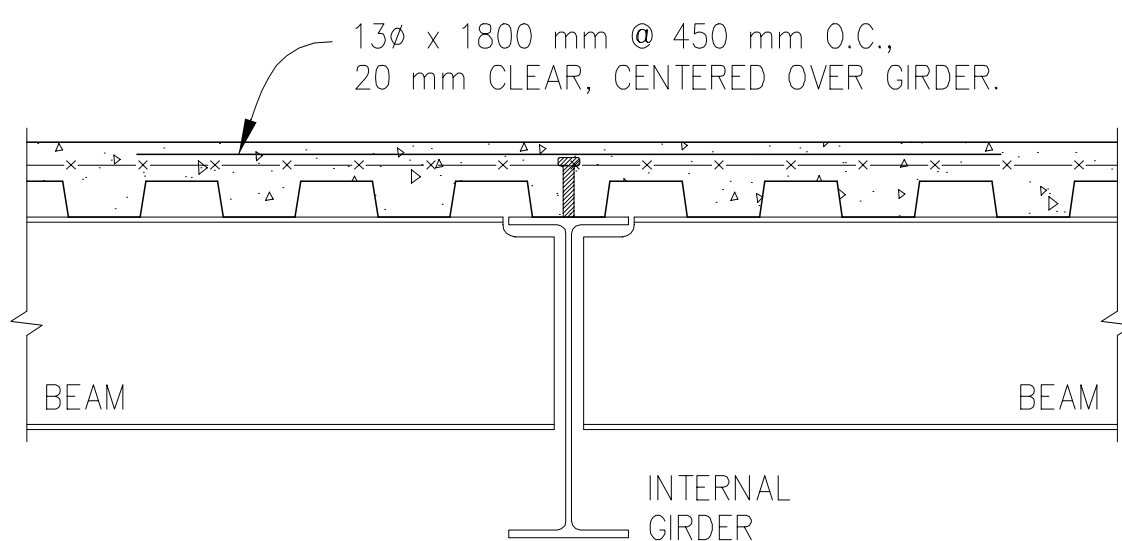
TYPICAL CANTILEVERED BEAM DETAIL

NO SCALE



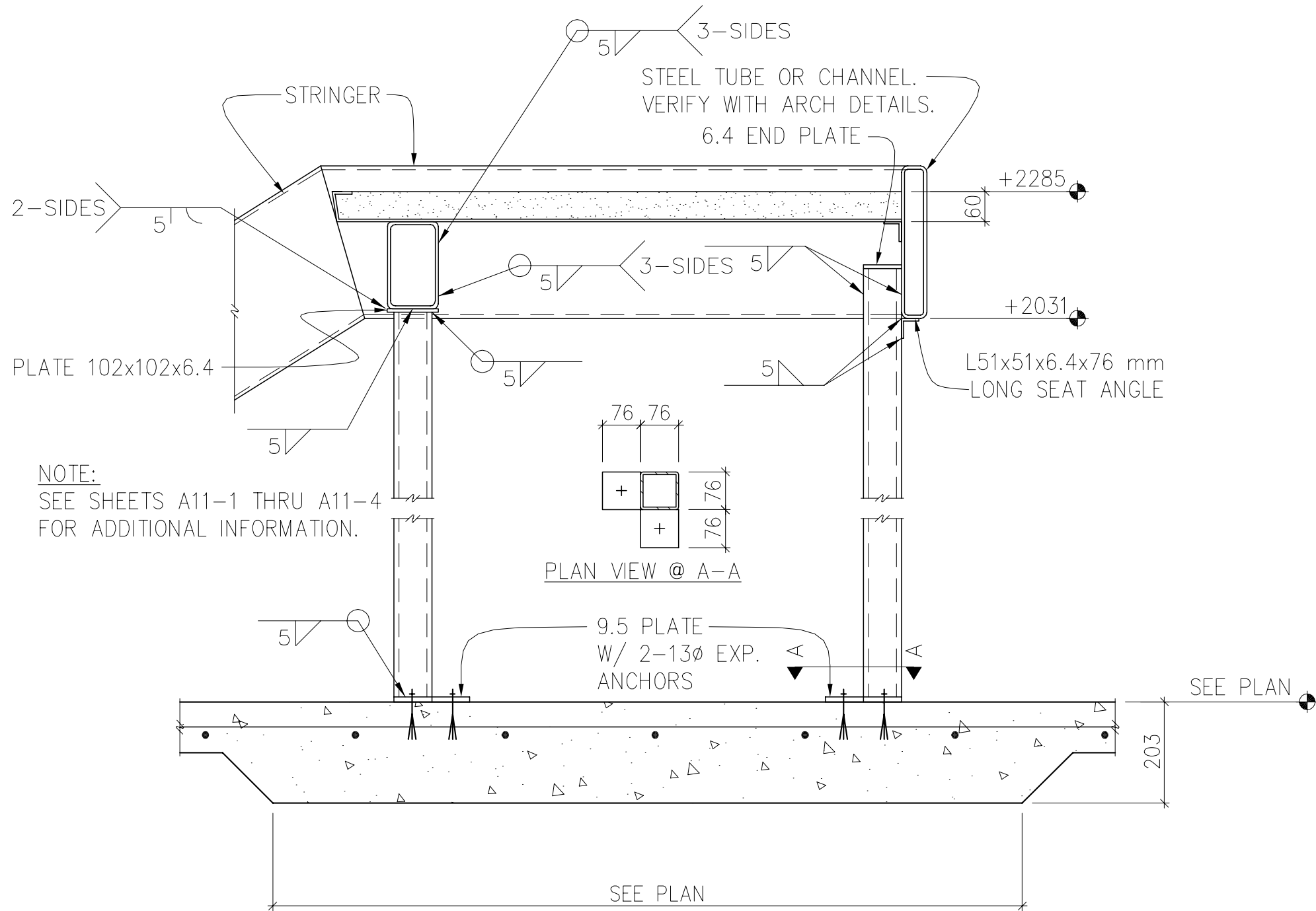
TYPICAL GIRDER FILLER DETAIL

NO SCALE



TYP. SLAB REINF. AT GIRDERS

NO SCALE



SECTION

1 : 10

IF SHEET IS LESS THAN 28"x42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

S1-3

MEDICAL/DENTAL CLINIC

TYPICAL DETAILS

SIZE	CODE IDENT. NO.	DRAWING NO.
F	XXXXX	8144670
SCALE:	AS SHOWN	SPEC. 11996048

SHEET 165 OF 316