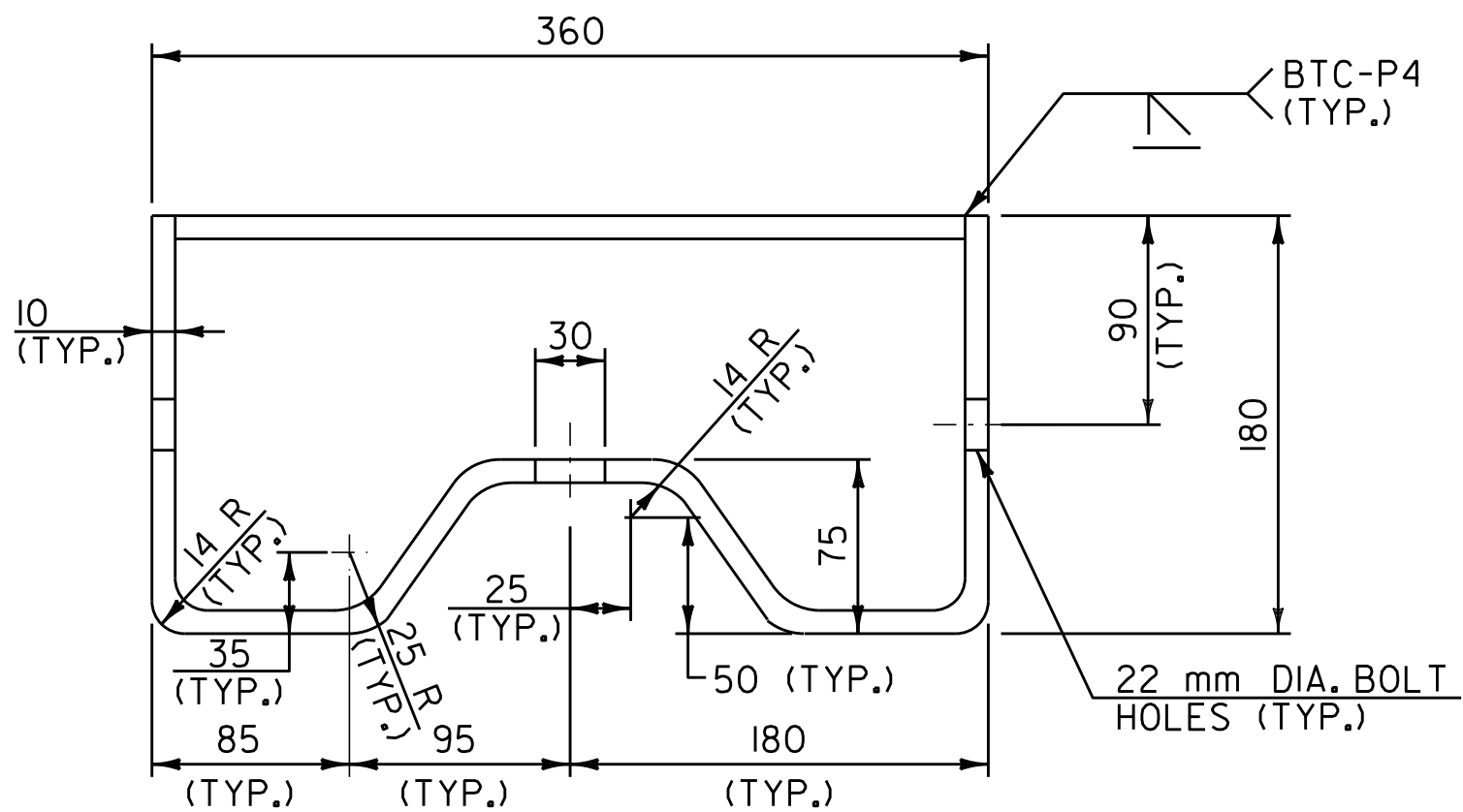
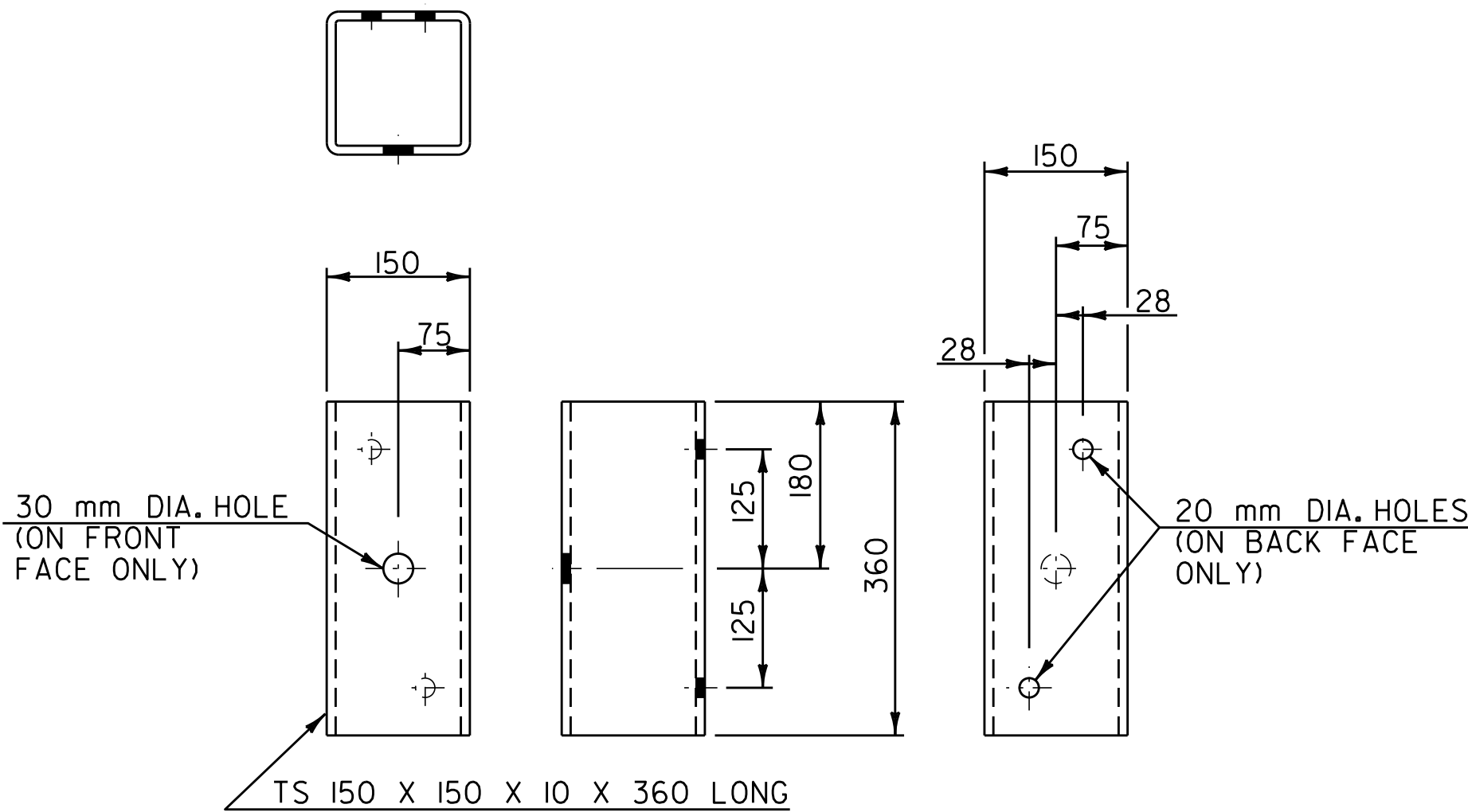


NOTES

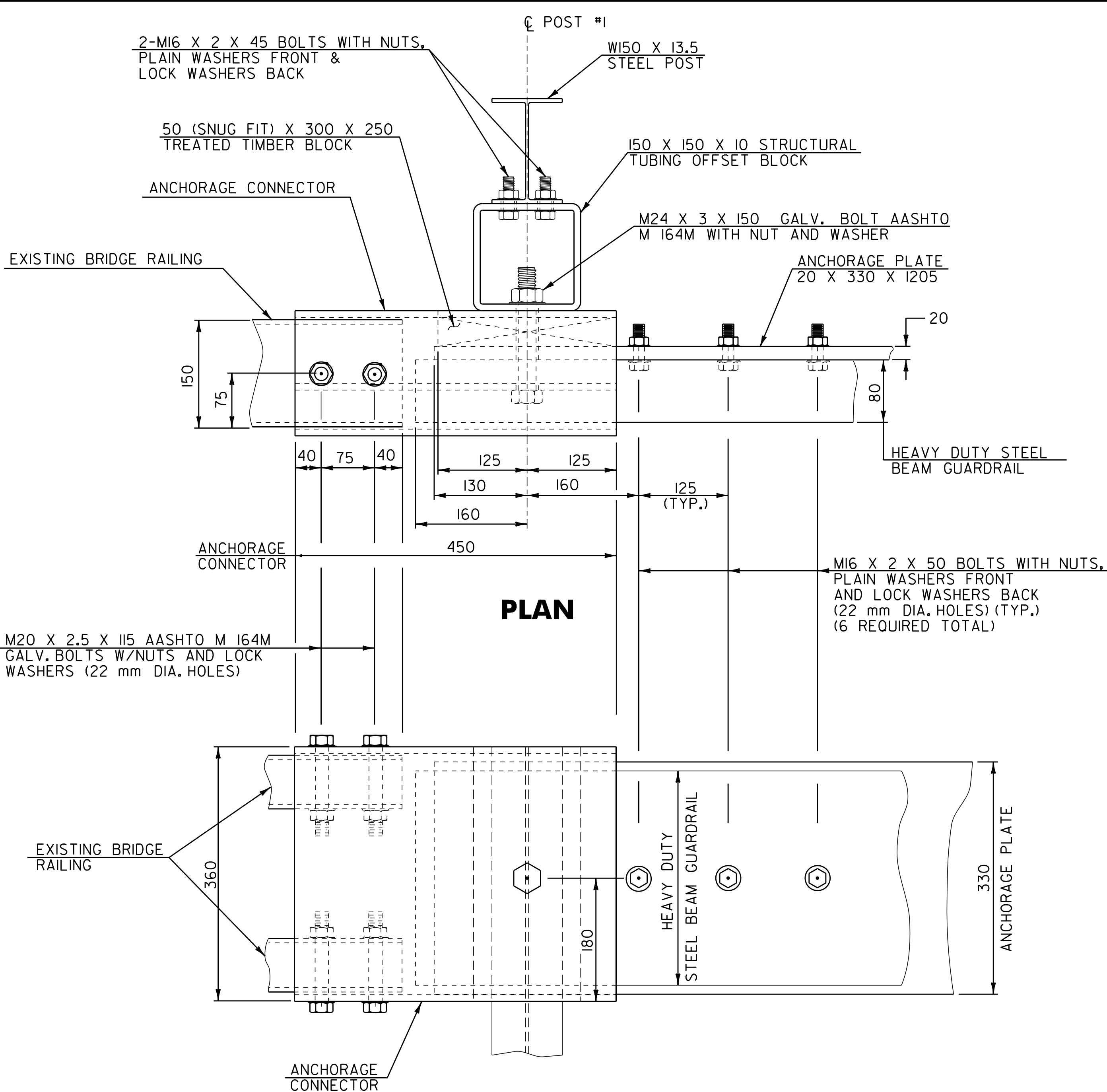
1. REFER TO STANDARD G-IM FOR ADDITIONAL RAIL DETAILS.
2. ALL POSTS FOR HEAVY DUTY STEEL BEAM GUARDRAIL SHALL BE STEEL IN ACCORDANCE WITH SECTION 728 "GUARDRAIL, GUIDE POSTS AND BARRIERS" UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.
3. APPROACH RAIL SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
4. ANCHORAGE CONNECTOR AND ANCHORAGE PLATE SHALL BE AASHTO M 270/M 270M, GRADE 250 GALVANIZED TO AASHTO M III/M IIIIM AFTER FABRICATION.
5. ALL BOLTS, NUTS AND WASHERS SHALL BE AASHTO M 164/M 164M GALVANIZED TO AASHTO M 232/M 232M AFTER FABRICATION.
6. STRUCTURAL TUBING OFFSET BLOCK SHALL BE AASHTO M 183/M 183M GALVANIZED TO AASHTO M III/M IIIIM AFTER FABRICATION.
7. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR EITHER TYPE OF GUARDRAIL APPROACH SECTION.
8. ALLOWABLE DIMENSIONAL TOLERANCE FOR BENT SECTIONS IS ± 1.6 mm.
9. THE UNIT PRICES BID FOR EITHER TYPE OF GUARDRAIL APPROACH SECTION SHALL INCLUDE ANCHORAGE CONNECTOR, ANCHORAGE PLATE, HEAVY DUTY STEEL BEAM GUARDRAIL, POSTS, OFFSET BLOCKS, BLOCKING, BOLTS, AND ALL NECESSARY HARDWARE.



ANCHORAGE CONNECTOR DETAIL
(SEE NOTE 7)
NOT TO SCALE

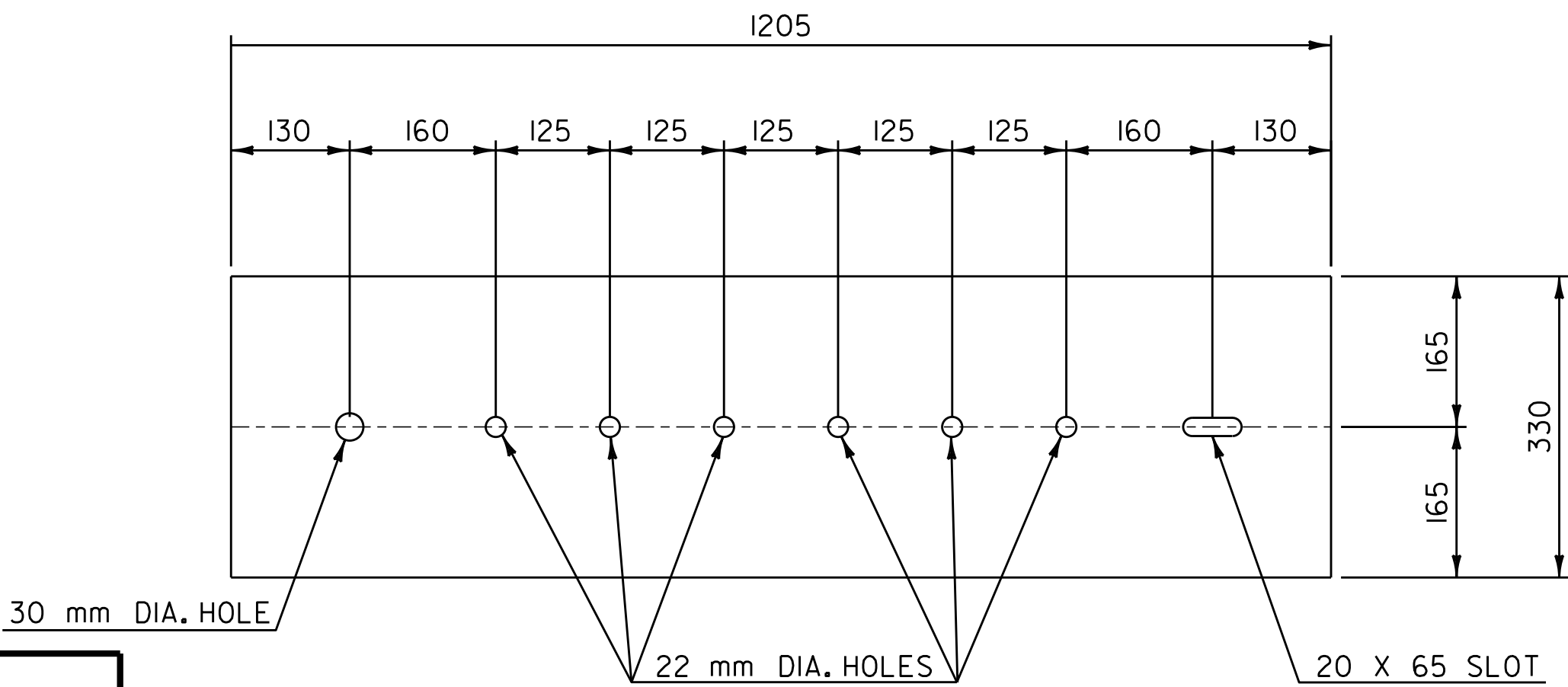


STRUCTURAL TUBING OFFSET BLOCK DETAILS
(OCCURS AT POST NO. 1 WHEN USING APPROACH RAIL UTILIZING STEEL POSTS)
NOT TO SCALE



ELEVATION

CONNECTION/TRANSITION DETAILS AT POST NO. 1
NOT TO SCALE



ANCHORAGE PLATE DETAIL
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOTE:
ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

BRIDGE
APPROACH
SECTION
DETAIL
SHEET 2

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.A.K.	DATE	12/01
SQUAD LEADER	D.E.G.		
DESIGN FILE NO.	0030040A0040A030040A.dgn		
IPARM FILE	0030040A0040A030040A.dgn	DATE PLOTTED	31-OCT-2011 16:04
PROJ. NAME	WATERBURY - BOLION		
PROJ. NO.	10_089 - 21331		
SHEET	12	OF	16