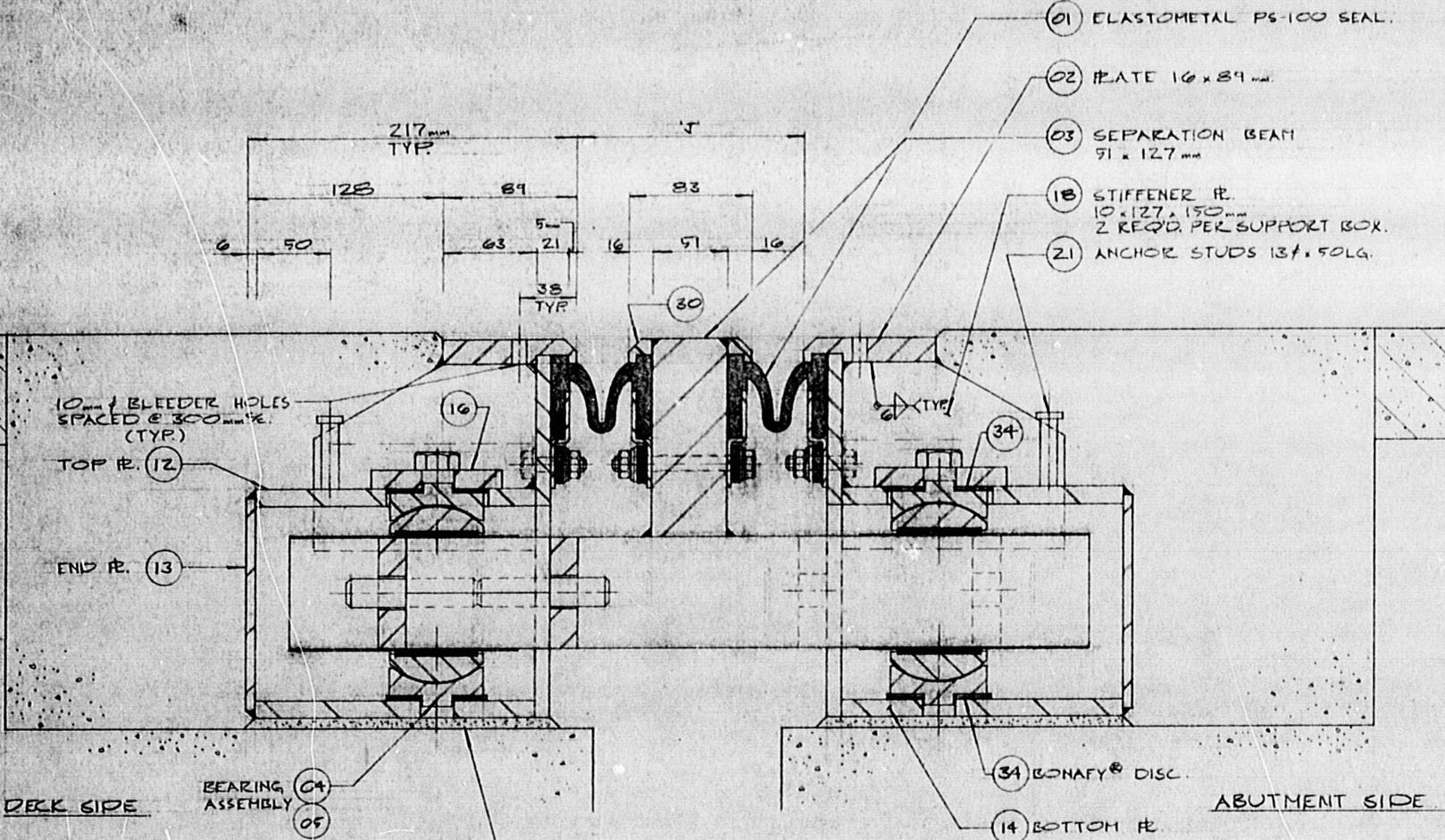
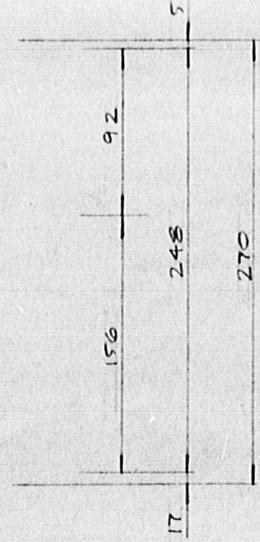


GENERAL NOTES:

- SEAL SHALL BE PREFORMED NEOPRENE & INSTALLED IN ONE CONTINUOUS PIECE IN THE FIELD BY THE GEN. CONTRACTOR.
- ALL STEEL SHALL CONFORM TO CSA. STANDARD G40.21M GRADE 300W.
- STAINLESS STEEL SHALL BE TYPE 304 BRIGHT ANNEALED & SHALL BE WELDED TO SUPPORT BARS USING APPROVED WELDING TECHNIQUES.
- ALL WELDING TO BE IN ACCORDANCE TO CSA. STANDARD W59.1.
- EXPANSION JOINTS SHALL BE SHOP ASSEMBLED & EXPANSION JOINT 'J' DIMENSION PRESET FOR 10°C TEMPERATURE, PRIOR TO SHIPMENT.
- FINAL WIDTH ADJUSTMENT SHALL BE MADE & CLAMP ANGLES TIGHTENED JUST PRIOR TO THE PLACING OF CONCRETE IN THE BLOCKOUT.
- EXPANSION JOINT ASSEMBLY SHALL BE SET 5mm BELOW GRADE & ELEVATION OF BRIDGE DECK.
- AFTER REMOVAL OF CLAMP ANGLES, BOLT & BLEEDER HOLES TO BE FILLED WITH AN APPROVED EPOXY. (SUPPLIED & PLACED BY THE GENERAL CONTRACTOR).
- ANCHOR STUDS SHALL BE 'NELSON', USING FUSION WELD PROCESS.
- ALL STEEL SURFACES SHALL BE ZINC METALLIZED IN ACCORDANCE WITH CSA SPEC. G189 (7 MILS. THK.) AFTER FABRICATION.
- PRIOR TO ZINC METALLIZING EXPANSION JOINT ASSEMBLY, ALL STEEL COMPONENTS SHALL BE BLAST CLEANED IN ACCORDANCE WITH SSPC-SP6, COMMERCIAL BLAST CLEANING.
- EXPANSION JOINT DESIGN LOADING = HS30-49.
- ANCHOR ROD STEEL SHALL CONFORM TO CSA. STANDARD G30.12M, GRADE 400 WELDABLE REBAR.
- BARRIER SLIDER PLATE ASSEMBLIES SHALL BE BLAST CLEANED TO SSPC-SP6 & HOT DIP GALVANIZED IN ACCORDANCE WITH CSA STANDARD G164 MINIMUM 600g/m².

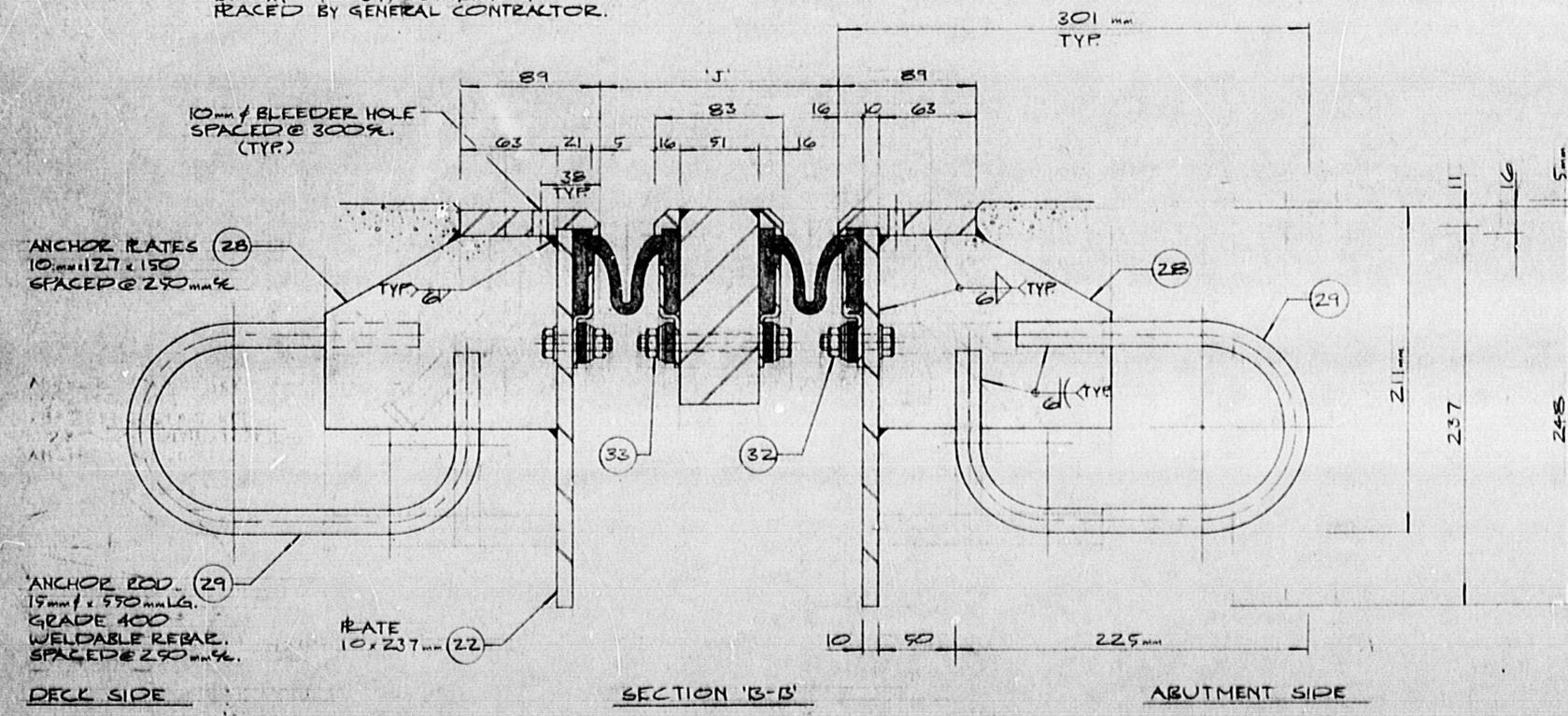


- 01 ELASTOMETAL PS-100 SEAL.
- 02 PLATE 16 x 89 mm.
- 03 SEPARATION BEAM 91 x 127 mm.
- 18 STIFFENER PL. 10 x 127 x 150 mm. 2 REQ'D. PER SUPPORT BOX.
- 21 ANCHOR STUDS 13 x 50 LG.



SUPPORT BOXES TO BE LEVELLED USING AN APPROVED EPOXY GROUT, SUPPLIED & PLACED BY GENERAL CONTRACTOR.

SECTION 'A-A'



- 28 ANCHOR RATES 10mm x 127 x 150 SPACED @ 250mm c/c.
- 29 ANCHOR ROD. 19mm x 550mm LG. GRADE 400 WELDABLE REBAR. SPACED @ 250mm c/c.
- 22 PLATE 10 x 237 mm.

SECTION 'B-B'

Approved
J. Wilkerson
25 July/84



CONSULTING ENGINEERS: AESL ASSOCIATED ENGINEERING SERVICES PUBLIC WORKS CANADA WESTERN REGION		WEST ABUTMENT TEMPERATURE CHART TOTAL MOV'T. = 160 mm	
		TEMPERATURE °C	-30 -20 -10 0 10 20 30 MIN MAX
		DIMENSION 'J' (mm)	230 215 200 185 170 155 140 133 298
REVISIONS		DATE	PROJECT NO.
NO. DATE DESCRIPTION		MAR 1984	8001-84
DRAWN PA		CHECKED	DRAWING NO. E-3524-1
APPROVED		PROJECT TRANSCANADA HWY. OVER BOW RIVER T.C.H. E. 23 BANFF NATL. PARK	
NOTE: INFORMATION AND KNOWHOW ON THIS DRAWING IS THE PROPERTY OF ELASTOMETAL LTD. USE OR REPRODUCTIONS IS PROHIBITED WITHOUT WRITTEN PERMISSION.		ELASTOMETAL PS-200 MODULAR	