GENERAL NOTES

ABBREVIATIONS

T .	10P	STRP	STIRRUP
8	BOTTON	TRMR	TRIMMER
NF	NEAR FACE	HS	HILD STEEL
FF	FAR FACE	SYMM	SYMMETRICAL
EV	EACH WAY	NTS	NOT TO SCALE
EF.	EACH FACE	TYP	TYPICAL
•	CENTRELINE	FLG	FLANGE
è.	PLATE		
	15 17 L		

DESIGN LOADINGS

NORMAL	T44	STANDARD VEHICLE
ABNORMAL	60T	TONNE VEHICLE
EARTHOUAKE	EEBPNG	1985 ZONE 4
END DECK DESIGN	Δ14	

PILING

ALL PILING SHALL BE THE SPECIFIED GRADE MAXIMUM TOLERANCE ON PLAN POSITION AT PILE TOP FOR ANY PILE = 2.75 mm

PILE CONTRACT LENGTHS

SIZE

BY APP D DATE

500 ≠ x 14 THK BEREINA ABUTMENT 15.5 m x 6 nos MALALAUA ABUTMENT 15.5 mx6 no's 500 ₱ x 14 THK MAX PILE WORKING COMPRESSION LOAD 780 KN THE TIP OF THE PILES SHALL BE REINFORCED AS SHOWN

4. CONCRETE

ALL CONCRETE SHALL BE GRADE 25. (Fc = 25 MPa)

TEST PILE 15m x 1no 500 Ø x 14 THK

REINFORCING STEEL

ALL REINFORCEMENT SHALL BE EITHER : -

TEMPCORE (T. C.) BARS OF 410 MPa

ROUND IR) BARS OF 230 MPa

LAP LENGTHS

b) PILE CAP

i ist. Live is elemente a servicione e tro

UNLESS NOTED OTHERWISE LAP LENGTHS TO BE AS FOLLOWS :-

12	DIA	500aa
16	DIA	650mm
20	DIA	800mm
24	DIA	1000 nm
28	DIA	1500mm
32	DIA	1650mm

COVER TO OUTSIDE FACE OF REINFORCEMENT

9)	.K lop of roadway _ bot of roadway- and elsewhere	35mm 30mm	
PIE	£R		
a)	CROSS BEAM		40 mg
b)	COLU-NS		40mm
c)	PILE CAP		65 m s
ABU	J"HENT		
a ?	WINGTALL/BACKWALL		
	- OPEN FACES		30m
	- FILL FACES		50gg

AMENOMENTS

STRUCTURAL STEELWORK

ALL MAIN BEAMS, COVER PLATES AND SPLICE PLATES
TO BE GRADE 350 STEEL, ALL OTHER STEELWORK
TO BE GRADE 250 STEEL, ALL WELDS SHALL BE 6mm CONTINUOUS
FILLET WELDS UNLESS NOTED OTHERWISE.

BOLTING

ALL BOLTS ON MAIN STEELWORK (MAIN BEAMS, CROSS FRAMES AND BRACING) TO BE M24 8, 8/TF.

ALL OTHER BOLTS TO BE GRADE 4.6/S

STEELWORK FINISHES

ALL SURFACES TO BE SUITABLY PROTECTED BY PAINT WORK REFER TO SPECIFICATION.

11. BEARINGS

ABUTMENT

DEAD LOAD = 164-43 KN LIVE LOAD = 393.38 kN TOTAL = 557.81 kN

BEARING ASSUMED FOR DETAILING = POT BEARING BP. 8-103 POT BEARING BP. B-104

MEAN TEMPERATURE IS 26-1 °C AT THE PROJECT SITE

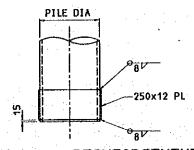
12. MAIN BEAM PRECAMBER

STEEL BEAMS TO BE PRECAMBERED TO THE UNSTRESSED PROFILE SHOWN ON THE DRAWINGS.

13. ERECTION

THE CONTRACTOR IS TO PROVIDE DETAILS OF ERECTION PROCEDURES TO THE ENGINEER PRIOR TO ERECTION OF THE GIRDERS, THIS IS TO ENSURE THAT THE ALLOWABLE STRESSES ON THE GIRDER SECTIONS. ARE NOT EXCEEDED

A - BEREINA SIDE ABUTMENT ABUTMENT MALALAUA SIDE



PILE TOE REINFORCEMENT (OPEN END)

M Uhuls 25 Sep. 198

JICA VERTICAL DATUM INTERNATIONAL CO-OPERATION MEAN SEA LEVEL AGENCY

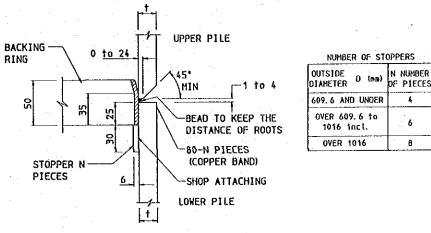
CHECKED y wie M. Nhimy

CUTTING ATTACHING BOARD = 23mm\PART INSIDE DIAMETER OF PIPE BACKING RING - CROSS SECTION

THICKNESS OF-

THICKNESS OF BACKING RING OUTSIDE DIAMETER (mm) 1016 AND UNDER 4.5 6. 0 OVER 1016

DE PIECES



BACKING RING AND STOPPER

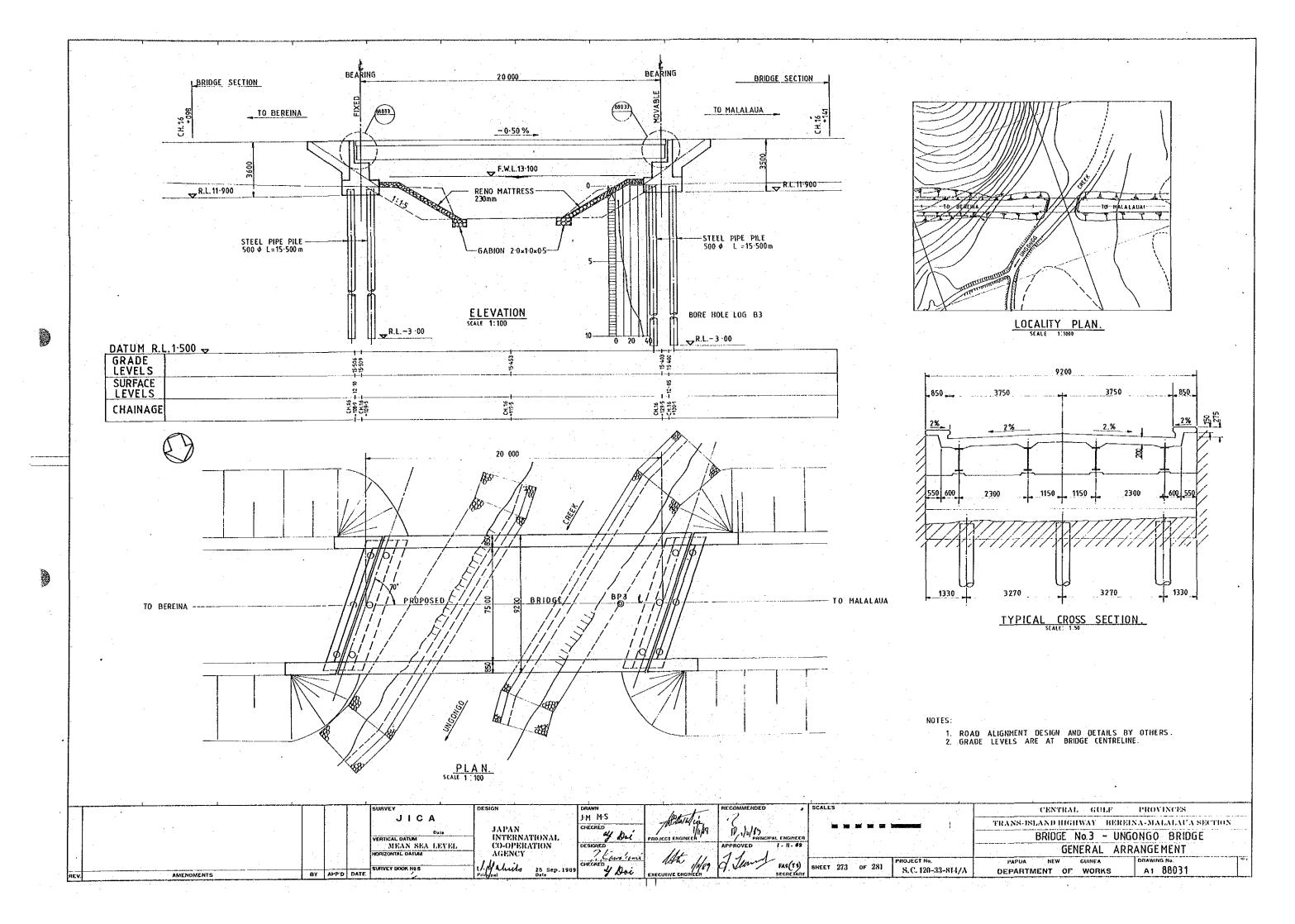
NOTES

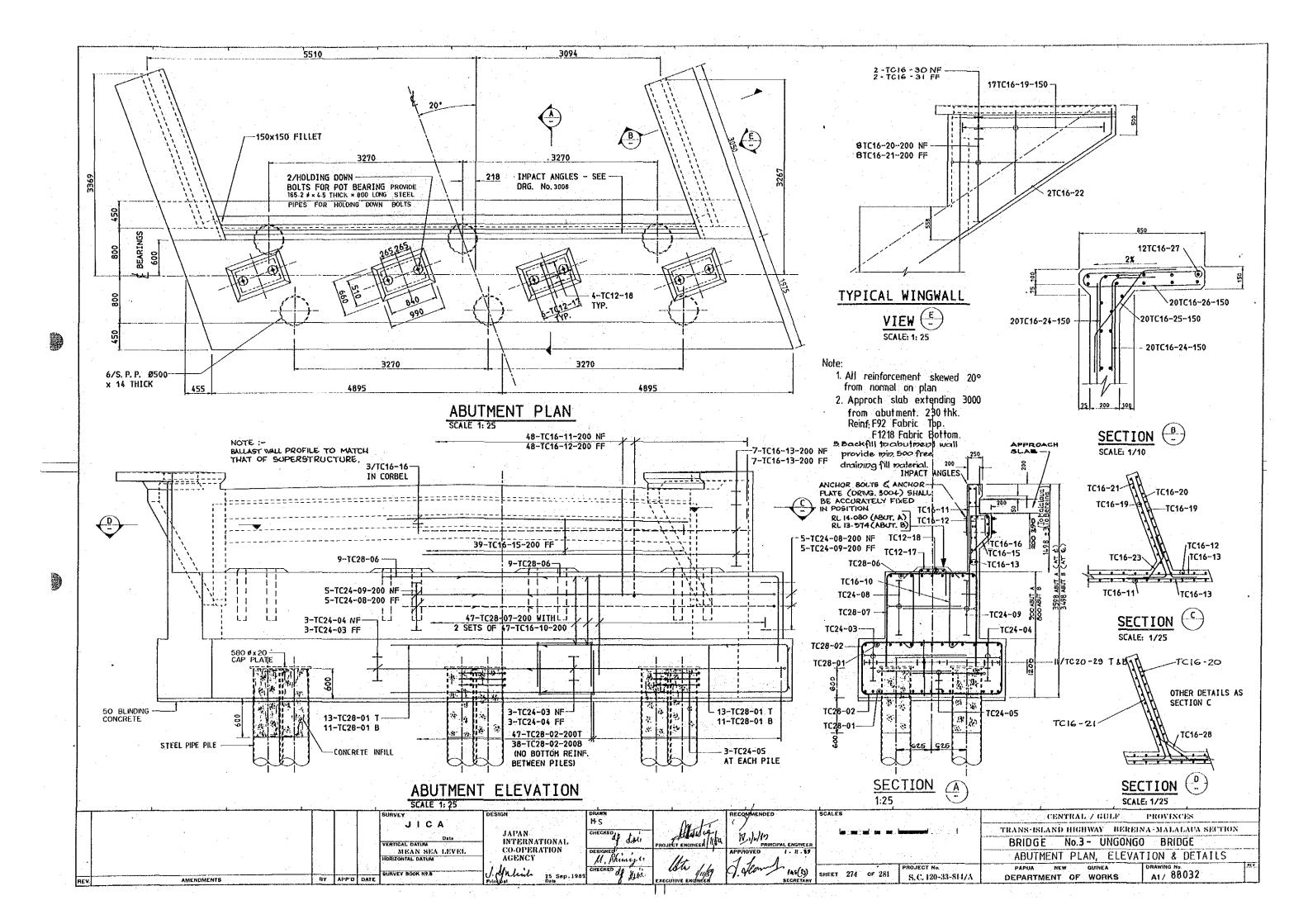
- MAXIMUM PILE SECTION LENGTH EQUALS 10m.
- WELDING TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

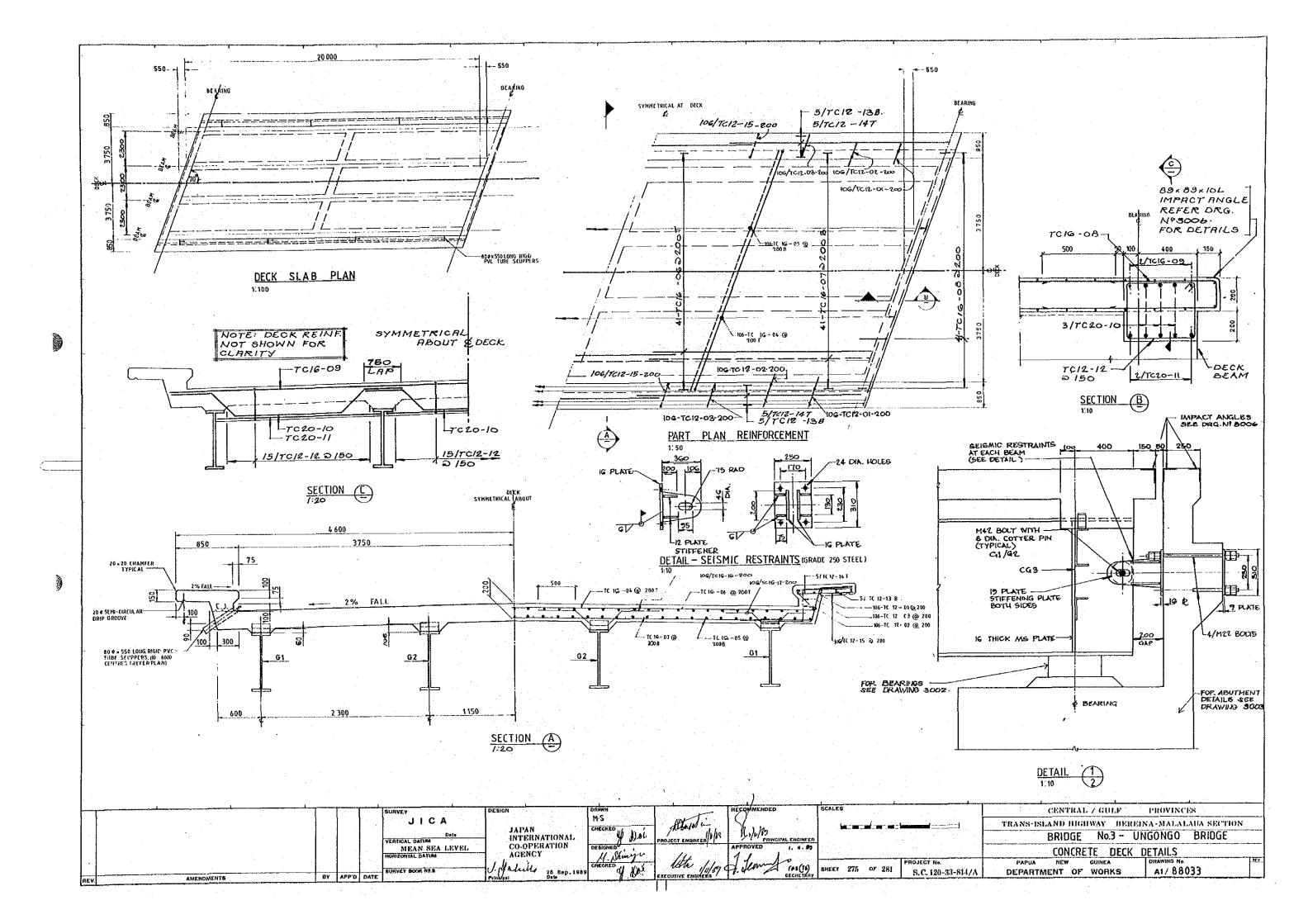
SHAPES AND DIMENSIONS OF BACKING RING AND STOPPER

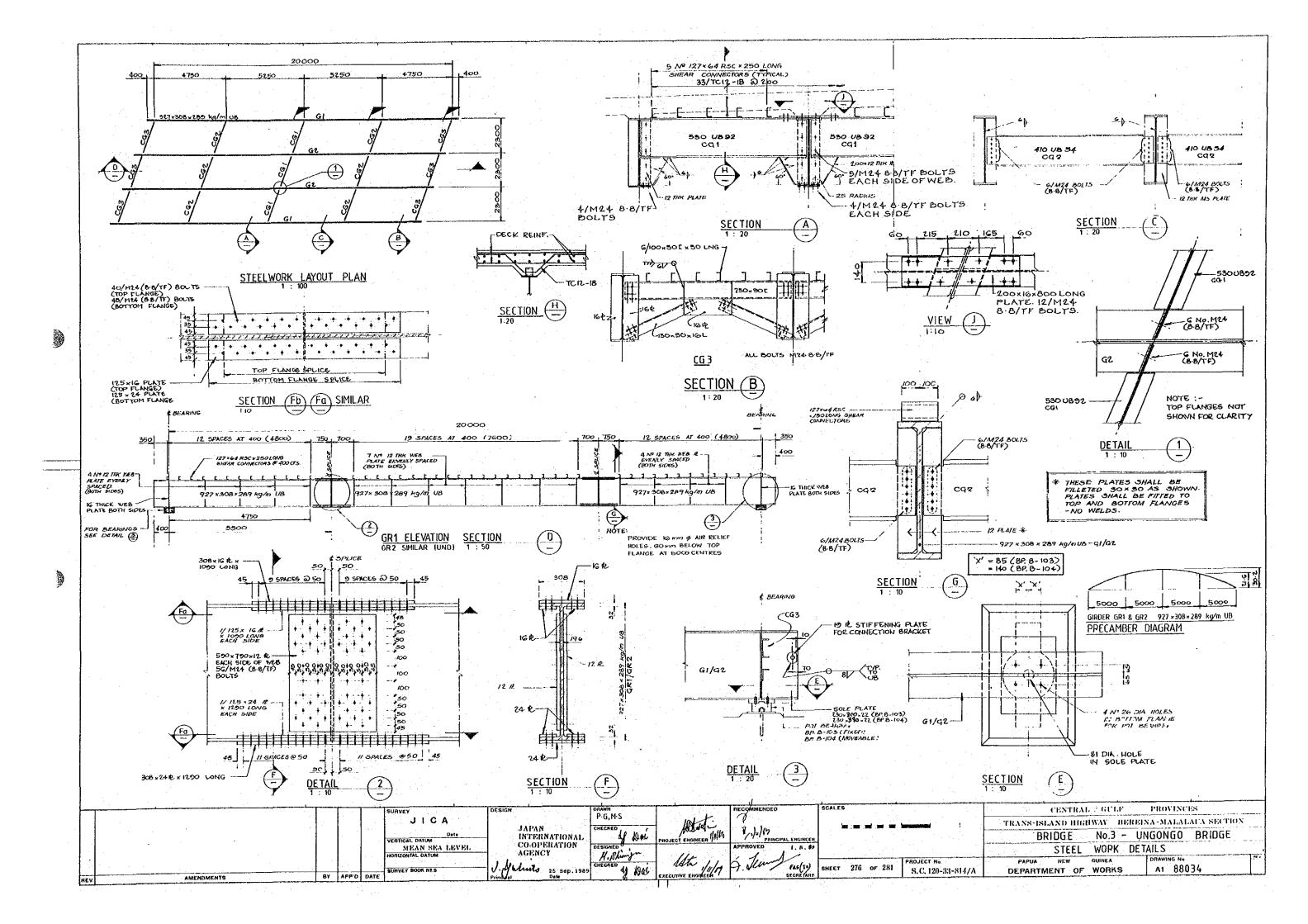
	DRAWING LIST	
DRG No.	DRAWING TITLE	
88030	GENERAL NOTES AND DRAWING LIST	
88031	GENERAL ARRANGEMENT	
88032	ABUTMENT PLAN, ELEVATIONS & DETAILS	
88033	CONCRETE DECK DETAIL	
88034	STEEL WORK DETAILS	
88035	HANDRAILING / IMPACT ANGLE DETAILS	
88036	BAR BENDING SCHEDULE SHEET 1	
88037 BEARING BP.B-103 (FIXED)		
88038 BEARING BP.B-104 (MOVABLE)		
88039 RIVER BANK PROTECTIONS, BEARING UNITS, BACKFILL TO BRIDGE ABUTMENT AND OTHERS		

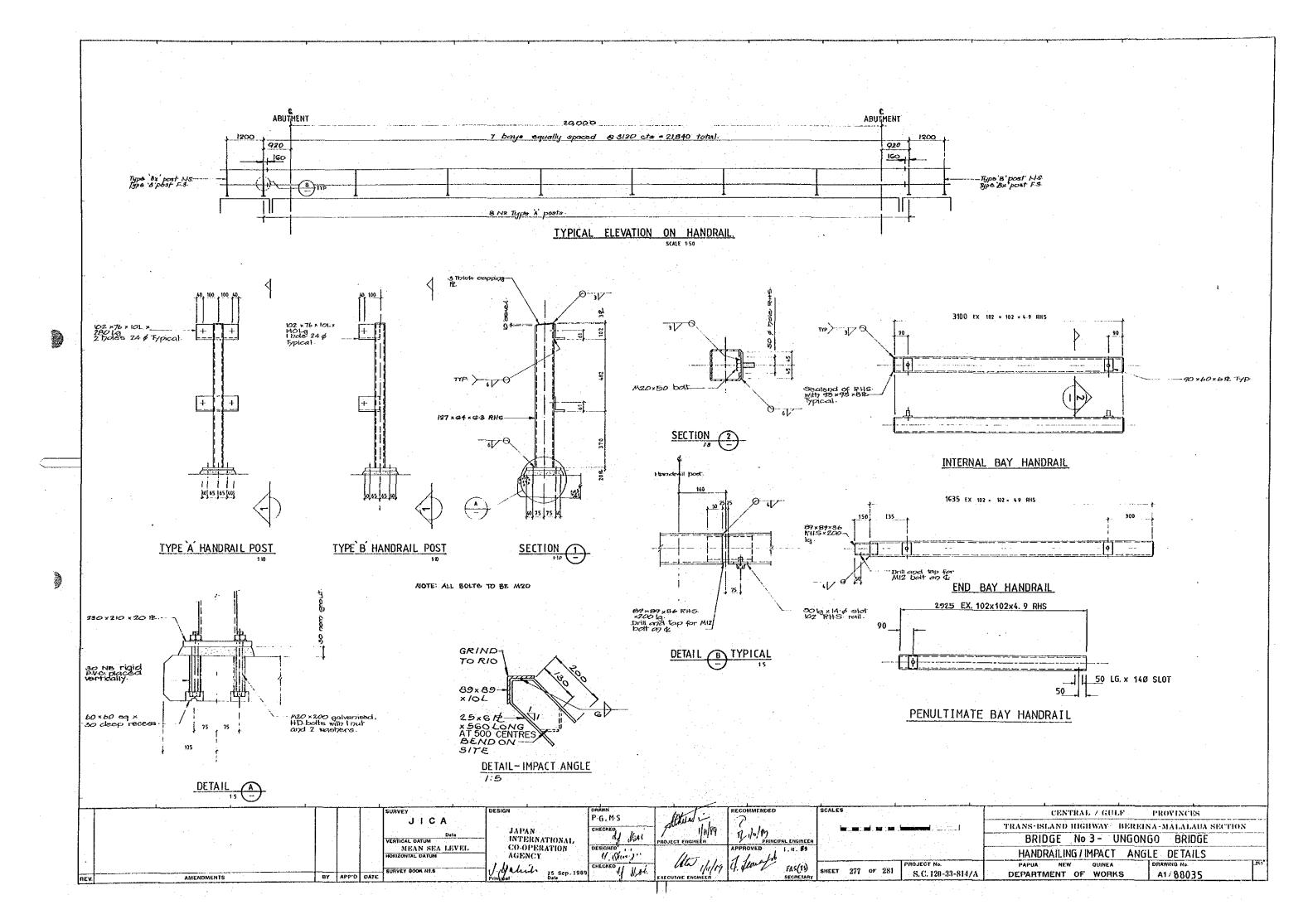
	SCALES		CENTRAL GULF PROVINCES
			TRANS-ISLAND HIGHWAY BEREINA-MALALAUA SECTION
KEEA			BRIDGE No.3- UNGONGO BRIDGE
£5			GENERAL NOTES AND DRAWING LIST
(s)	SHEET 272 OF 281	S.C. 120-33-814/A	PAPUA NEW GUINEA DRAWING N. DEPARTMENT OF WORKS A1 88030

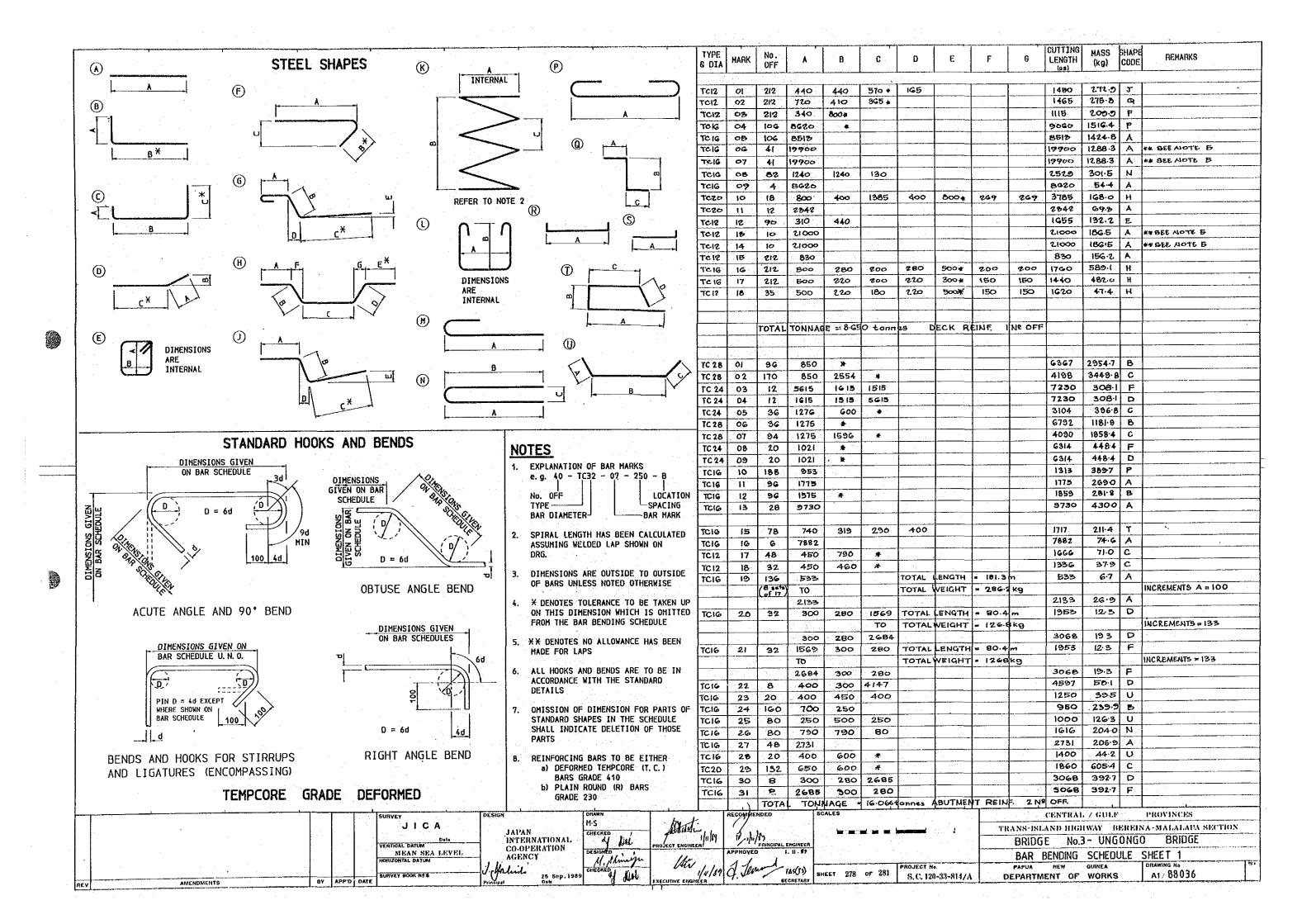


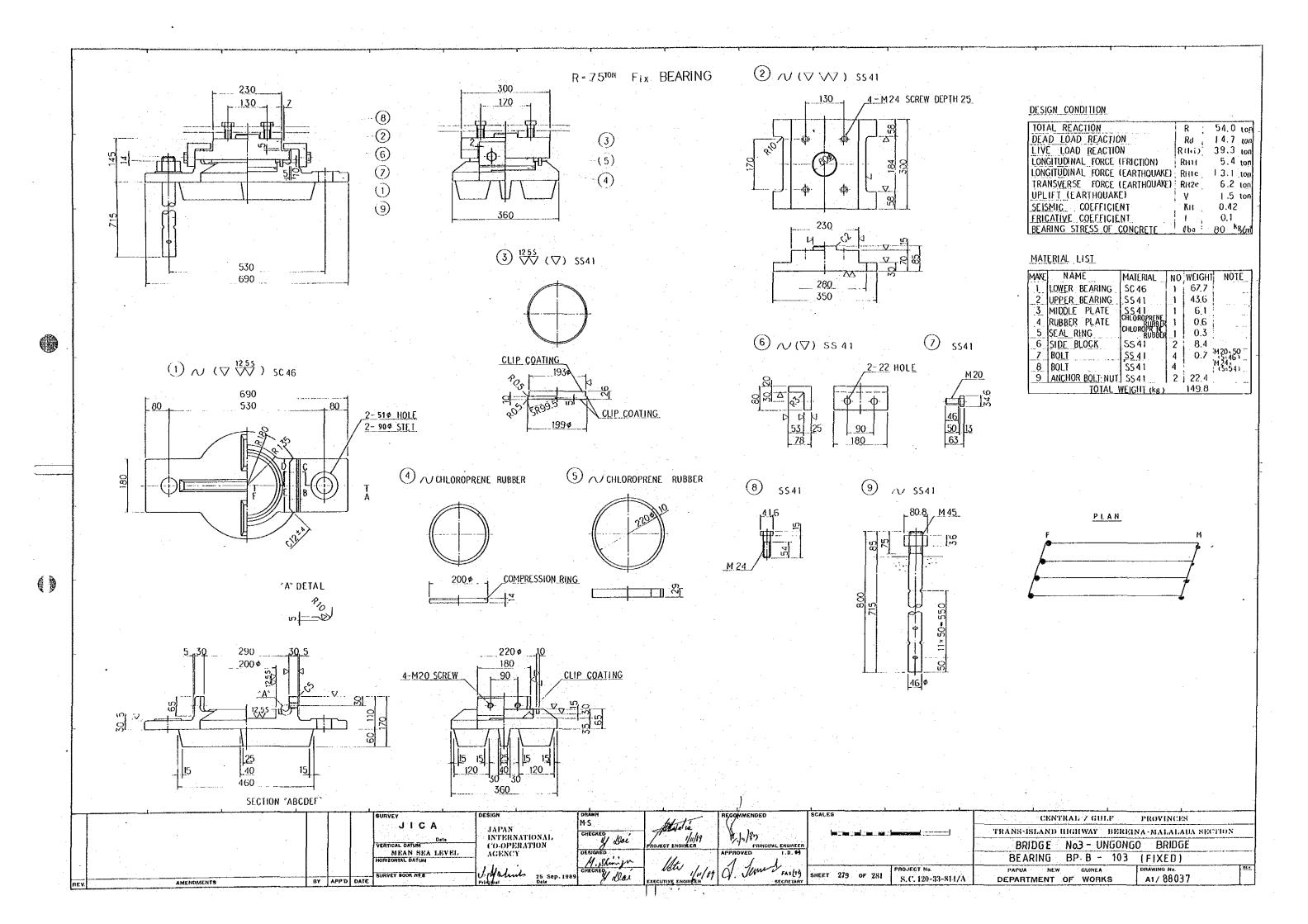


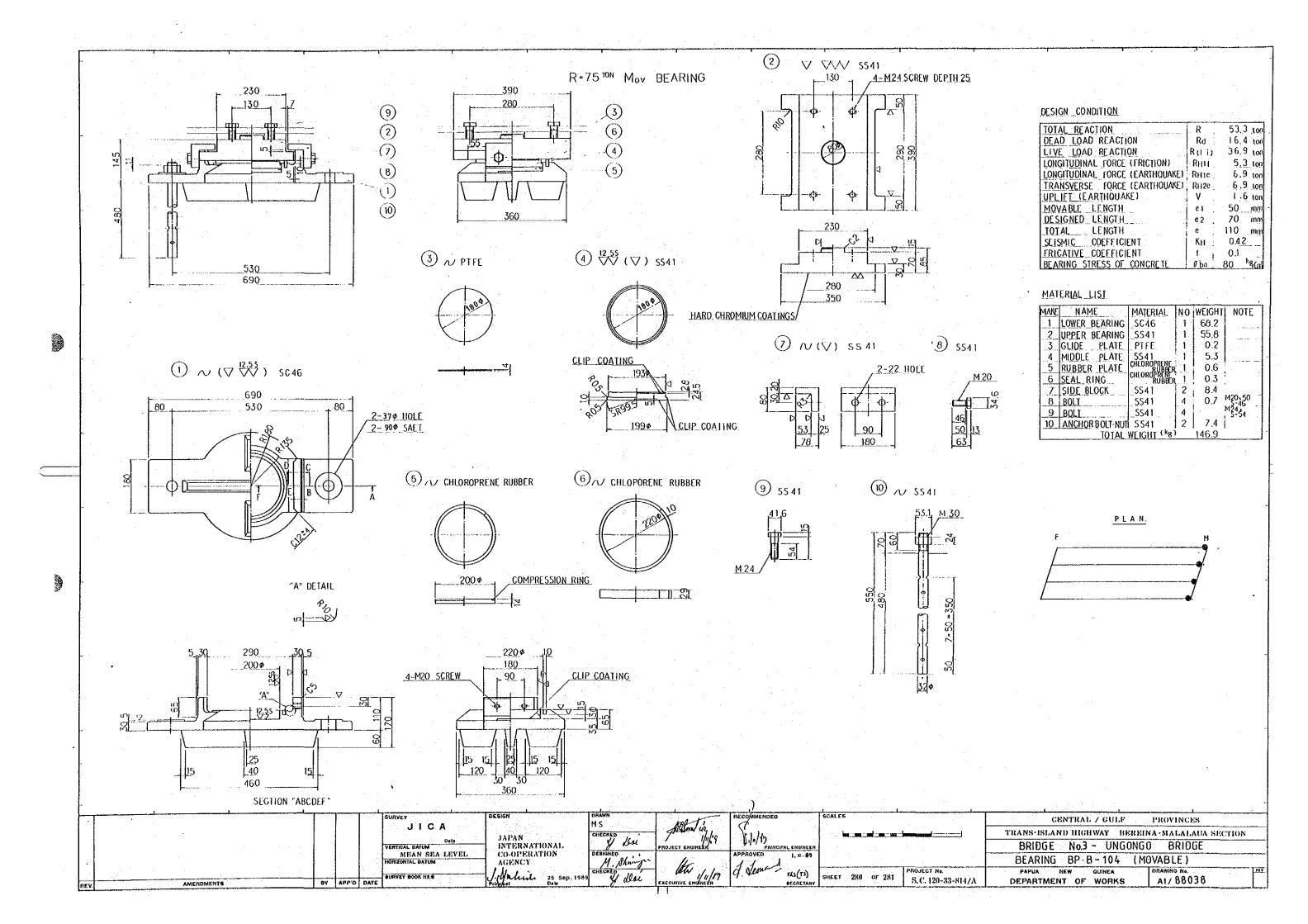


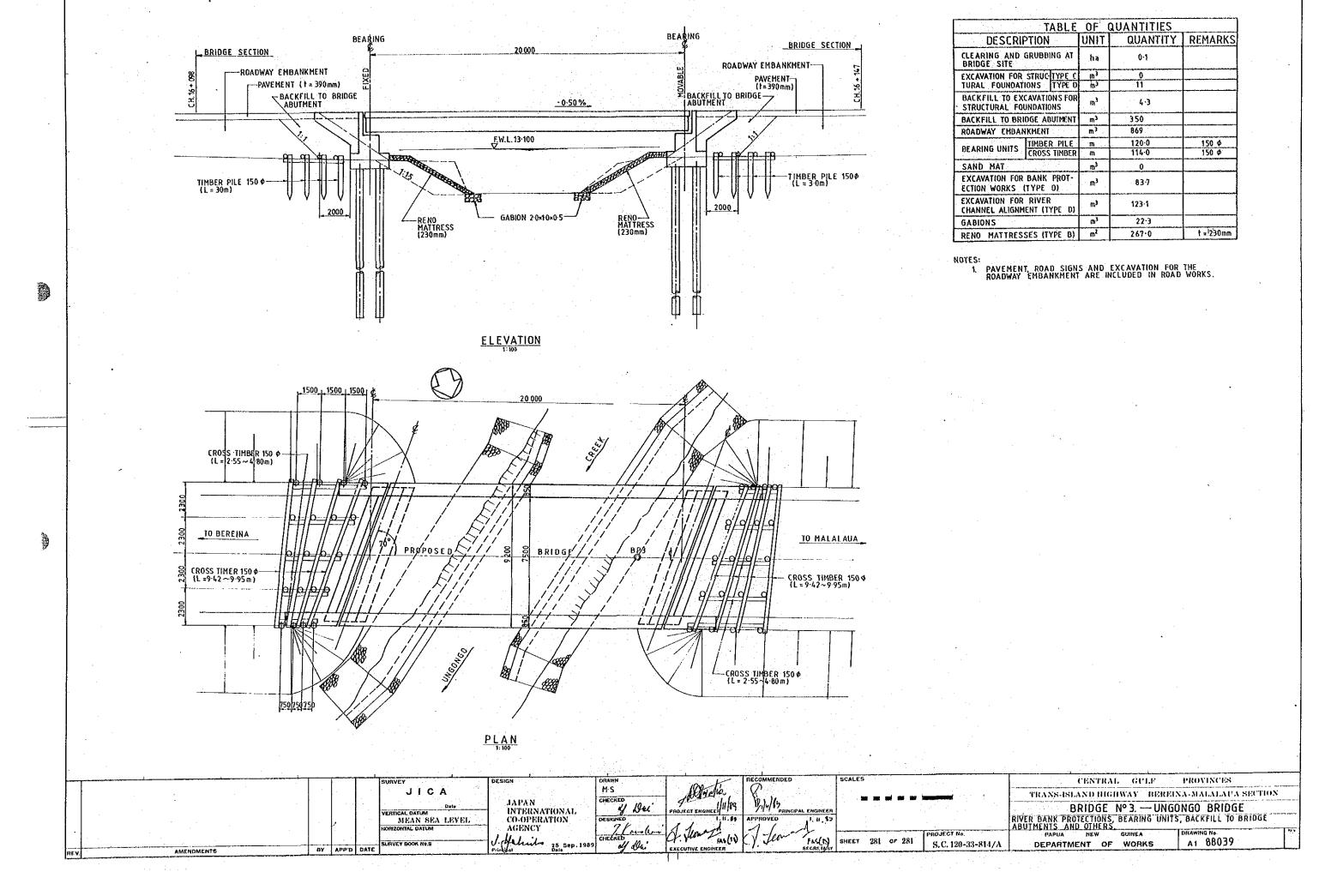












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