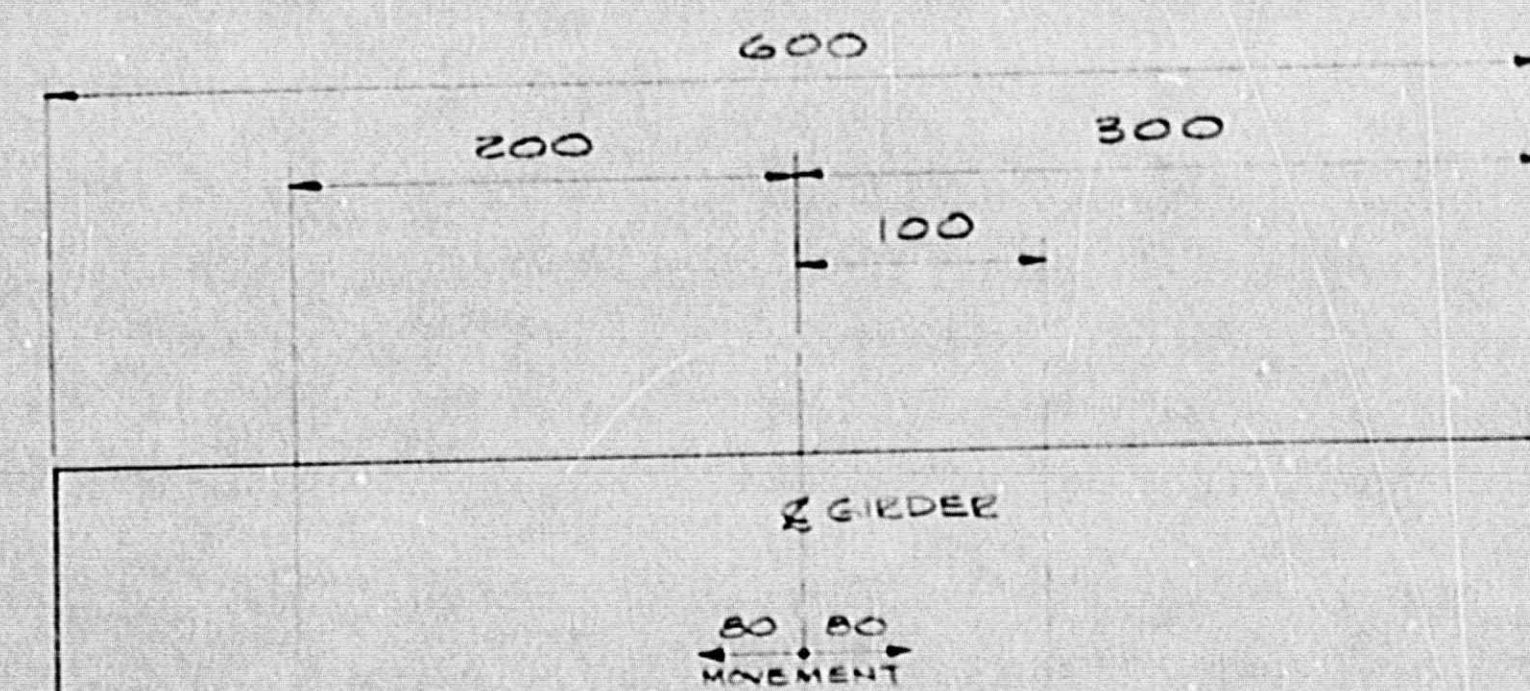
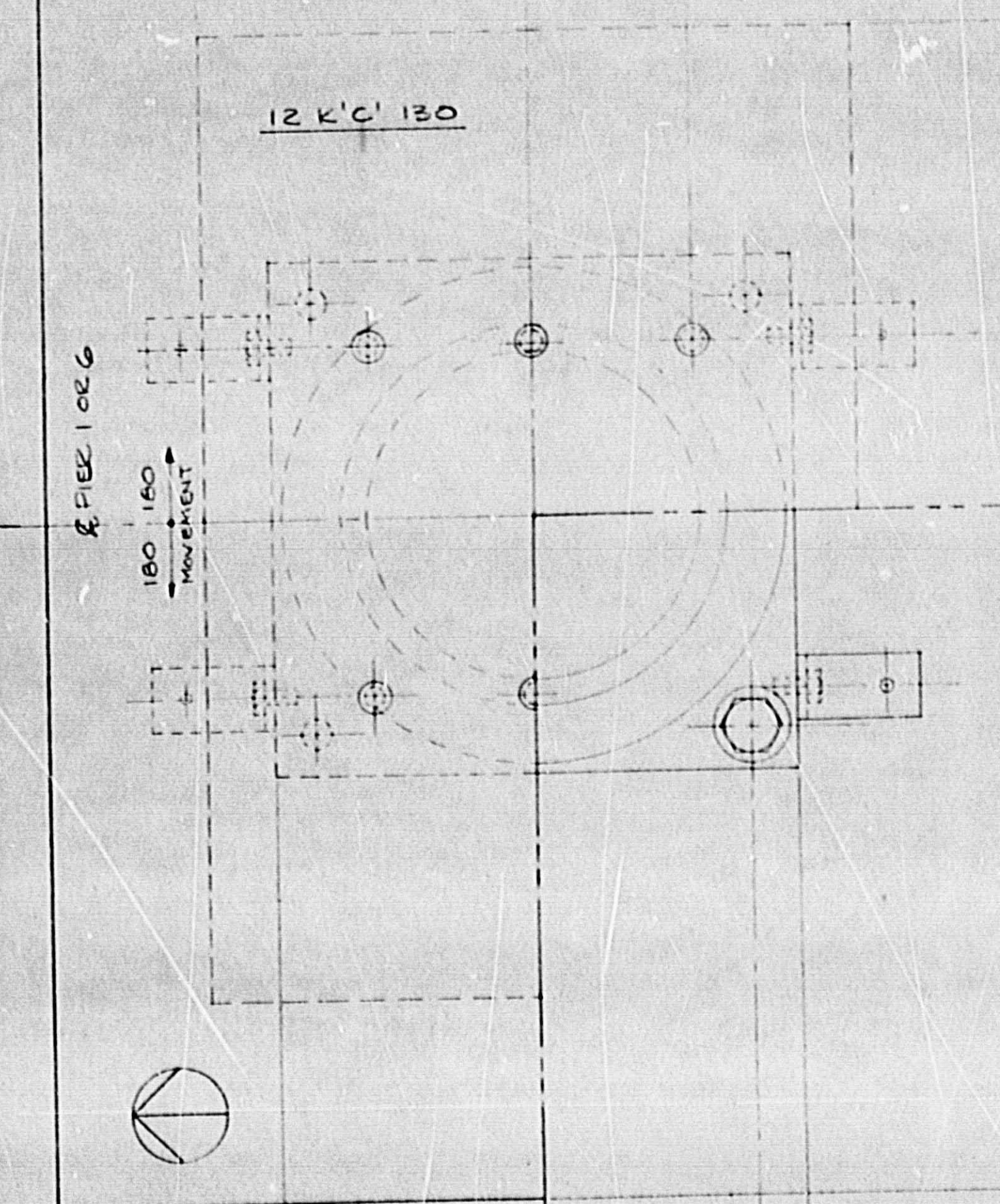


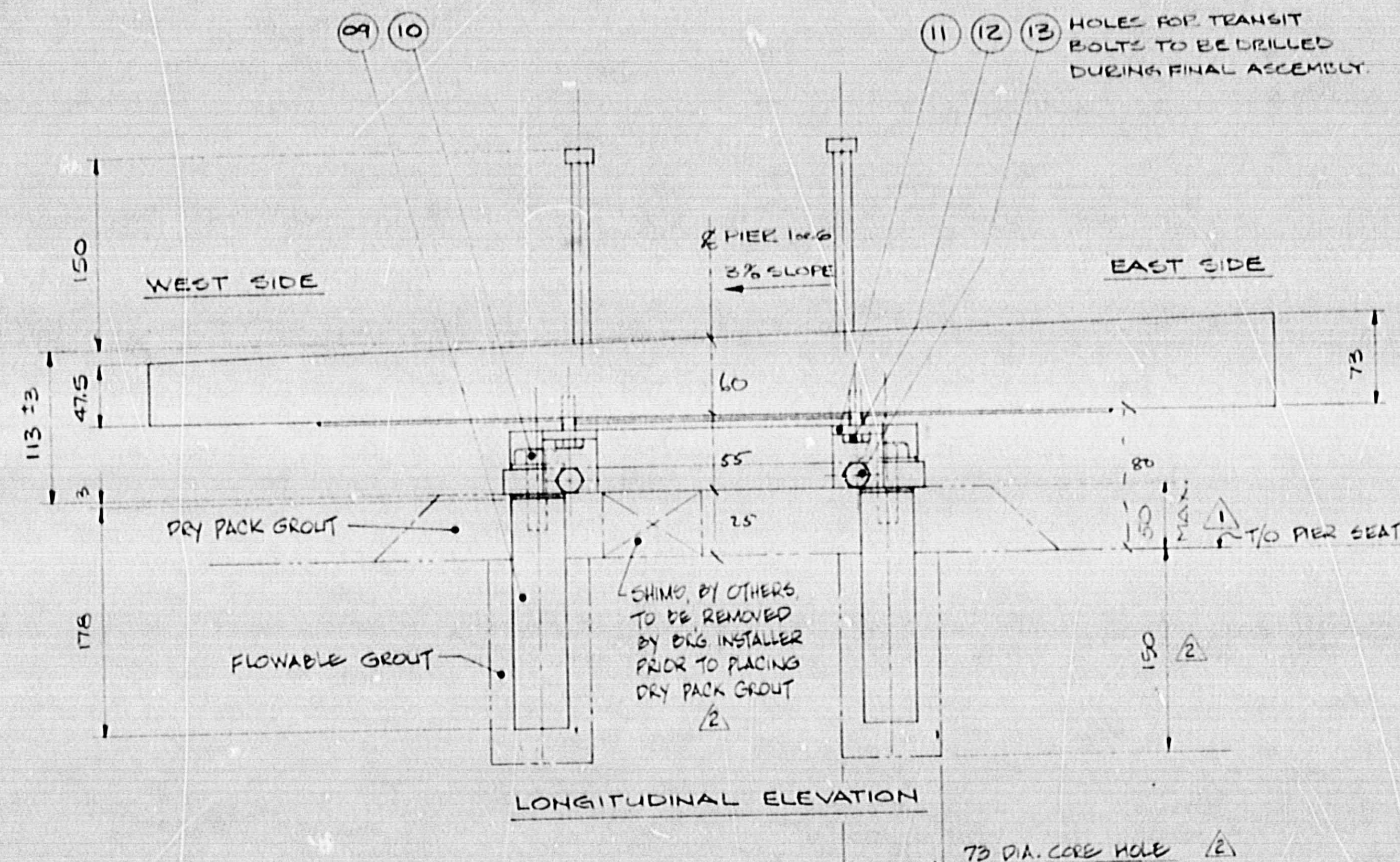
SECTION 1-1



12 K'C' 130



BEARING PLAN



LONGITUDINAL ELEVATION

# BEARING DATA

BEARING TYPE	12 K'C' 130
QUANTITY	10
LOCATION	PIERS 1 & 6
DEAD LOAD	750 KN
MAX. VERT. LOAD	1300 KN
MAX. HORIZ. LOAD	-
MAX. ROTATION	0.015 RAD.
LONG. MOVEMENT	± 180 mm
TRANS. MOVEMENT	± 80 mm
COEF. OF FRICTION	0.02

WEST ABUT.	PIER 6	PIER 5	PIER 4	PIER 3	PIER 2	PIER 1	EAST ABUT.

# PLOT PLAN

- REVISOR APRIL 24/84 J.P.
- REVISOR APRIL 4/84 D.S.

# GENERAL NOTES

- ALL STEEL TO CONFORM TO CSA STANDARD G40.21 GR. 300 W.
- STAINLESS STEEL WILL CONFORM TO ASTM STANDARD A-167, TYPE 304 WITH A BRIGHT ANNEALED N° 8 FINISH ONE SIDE ONLY (SEAM WELDED TO SLIDING PLATE).
- THE ELASTOMERIC DISC TO BE OZONE TREATED 50 DURO. NATURAL RUBBER CONFORMING TO CSA SPECIFICATIONS.
- P.T.F.E. SHALL BE 100% VIRGIN POLYMER, DIMPLED LUBRICATED, RECESSED INTO PISTON AND CONFORM TO ASTM D-1457.
- GLACIER D.U. WILL CONSIST OF A STEEL BACKING PLATE, P.T.F.E. IMPREGNATED BRONZE INNER LAYER AND P.T.F.E. OVERLAY.
- ALL WELDING TO CONFORM TO CSA W59.1.
- MILD STEEL TO BE BLAST CLEANED TO SSPC-SP6 (EXCEPT INSIDE MACHINED RECESSES) AND BE PAINTED WITH ONE COAT OF COLTURET ZINC EPOXY PRIMER. ALL EXPOSED SURFACES TO THEN RECEIVE 2 COATS OF COLTURET TEN-300 TOP COAT.
- FIXING BOLTS SHALL BE GALVANIZED ASTM A325 TYPE 1.

73  
47.5  
126.5  
60

115  
60  
55

Approved  
J. Wilkerson  
25 July/84

ITEM	QTY	DESCRIPTION
15		
14		
13	4PCS	HEX HEAD BOLTS 1/4" x 3/4" LG. (PAINT HEAD RED.)
12	4PCS	HEX HEAD BOLTS 1/4" x 1" LG. (PAINT HEAD RED.)
11	4PCS	TRANSIT ANGLE 2" x 3" x 1/4" x 1/2" LG. (PAINT LID.)
10	4PCS	HEX HEAD BOLT 1/2" x 1 1/2" LG. WASH. (GALV.)
09	4PCS	ANCHOR LUGS 1/4" x 1 1/4" x 7" LG. W. BURGER WASH.
08	6PCS	ANCHOR STUDS 3/4" x 6" LG.
07	2PCS	BRASS RINGS TO SUIT 12 K 130
06	1PC	RUBBER DISC TO SUIT 12 K 130
05	1PC	P.T.F.E. BEARING SURFACE TO SUIT 12 K 130
04	1PC	S/S SHEET 16" x 24" x 1/16"
03	1PC	STEEL BASE POT TO SUIT 12 K 130 (MOD.)
02	1PC	STEEL PISTON R. TO SUIT 12 K 130
01	1PC	STEEL TOP R. 24" x 3" x 3/4"

# LIST OF MATERIALS PER BRS.

		<b>W.G. BEARINGS INC.</b> BURLINGTON, ONTARIO	
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JOB TITLE: BRIDGE OVER BOW RIVER AND C.P.R. MAINLINE KM 23 JCH.		SYSTEM: GLACIER 12 K'C' 130	
DRAWN BY: ECONNOR	PROJECT NO: P516-83	DRAWING NO: WB4-246	REV. 1 OF 3
CHECKED BY: [Signature]	DATE: MAR. 1984	APR 25 1984	