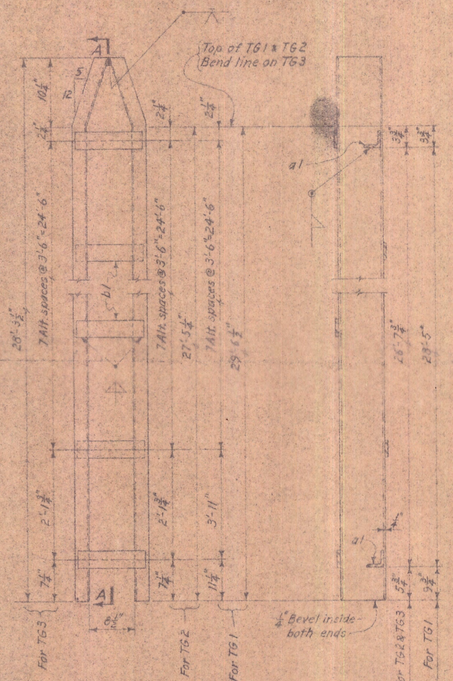
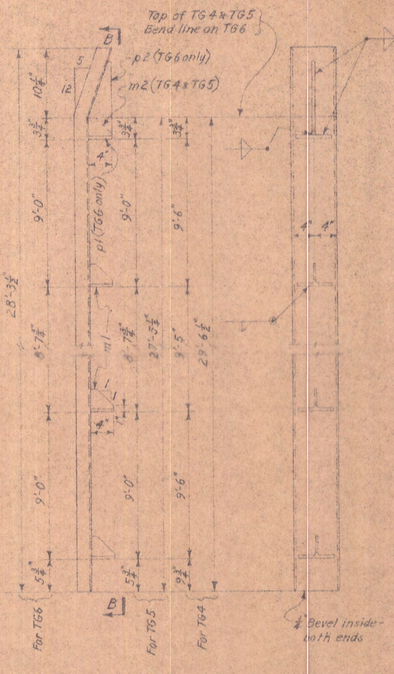


ELEVATION — SECTION A-A

TG1, TG2 & TG3



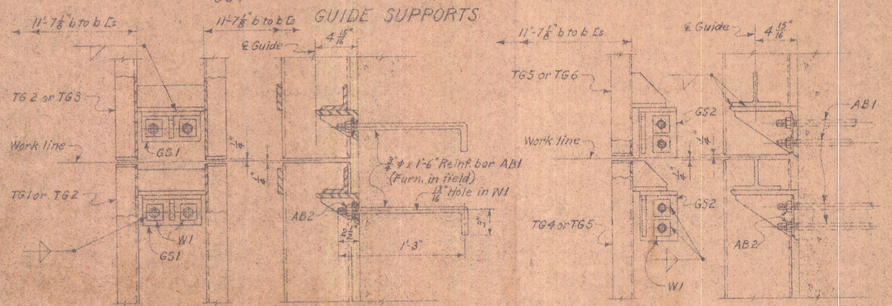
ELEVATION — VIEW B-B

TG4, TG5 & TG6

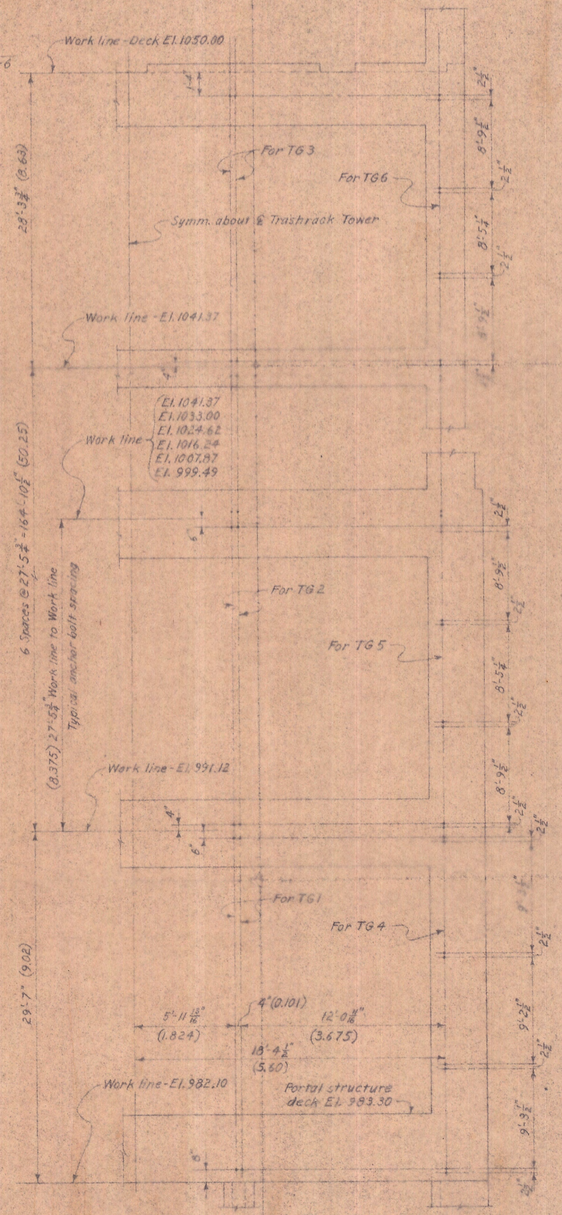
TRASH RACK GUIDES

GS1 GS2

GUIDE SUPPORTS



ASSEMBLY - TYPICAL DETAILS



ANCHOR BOLT SETTING

BILL OF MATERIAL

QUAN.	ASSEMBLY MARK	NO. PCS.	PIECE MARK	DESCRIPTION	UNIT LGTH.	WT. PER FOOT	TOTAL LGTH.	TOTAL WT.	REMARKS
2	TG1	4		8 WF 13.75	29'-6½"	13.75	118.17	1,625	
		32	a1	∠ 3 x 3 x ½	6'-8½"	9.40	22.67	215	
		144	b1	Bar 3 x ½	1'-0"	5.10	144.00	735	
12	TG2	24		8 WF 13.75	27'-5½"	13.75	658.50	9,050	
2	TG3	4		8 WF 13.75	28'-4⅝"	13.75	113.46	1,560	
2	TG4			8 WF 13.75	29'-6½"	13.75	59.06	810	Ship knocked down for field assembly
		48	m1	ST 4 WF	0'-4"	14.00	16.00	224	
		14	m2	do	0'-4"	14.00	4.67	65	
12	TG5			8 WF 13.75	27'-5½"	13.75	329.25	4,520	
2	TG6			8 WF 13.75	28'-4⅝"	13.75	56.73	780	
		2	p1	PL 4 x ½	0'-6	6.80	1.00	7	
		2	p2	do	1'-0"	6.80	2.00	14	
32	GS1			∠ 5 x 3½ x ½	0'-7"	13.60	18.67	254	
		32	p3	PL 2½ x ½	0'-4"	4.25	10.67	45	
64	GS2			∠ 8 x 6 x ½	0'-4½"	23.00	24.00	553	
		64	p4	PL 5 x ½	0'-7"	8.50	37.33	316	
192	W1			PL 2 x ½	0'-2"	1.70	32.00	55	Washer - 1⅛" ø hole
				ANCHOR BOLTS (Field to furnish)					
192	AB1			Anchor bolt		1.59	288.00	432	See Assembly - Typical Details
192	AB2			¾" Hex nut		0.14 ea.		27	

Approximate total weight : 21,300 pounds

NOTES

Elevations and dimensions in parentheses ( ) are in meters.
Welds shall be ¼" fillet except as shown.
Fabrication according to AISC specs.
No shop paint.
Field paint : One coat of coal tar primer and two coats of cold-applied bitumastic.
Assembly marks shall have the prefix KAJ-15-F-7.

REFERENCE DRAWINGS:

Irrigation Tunnel - Trashrack	15-F-6
Irrigation Tunnel - Upstream Portal Structure - Concrete Outline - Sheet 2	13-F-4
Irrigation Tunnel - Intake Tower - Concrete Outline - Sheet 1	13-F-27

RECEIVED — FEB 19 1951 — U.S. ENGINEER OFFICE — FIFTH DIST.

MORRISON-KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM

IRRIGATION TUNNEL TRASHRACK GUIDES

INTERNATIONAL ENGINEERING CO., INC.

DESIGNED A.R.L.	CHK'D K.E.H. / R.M.	SUBMITTED R. C. Tollisch	
DRAWN A.R.L.	INSP. A. Ross	RECOMMENDED J. W. Barkalow	
TRACED		APPROVED	
15-F-7	SAN FRANCISCO, CAL. DATE MARCH 19 1951		