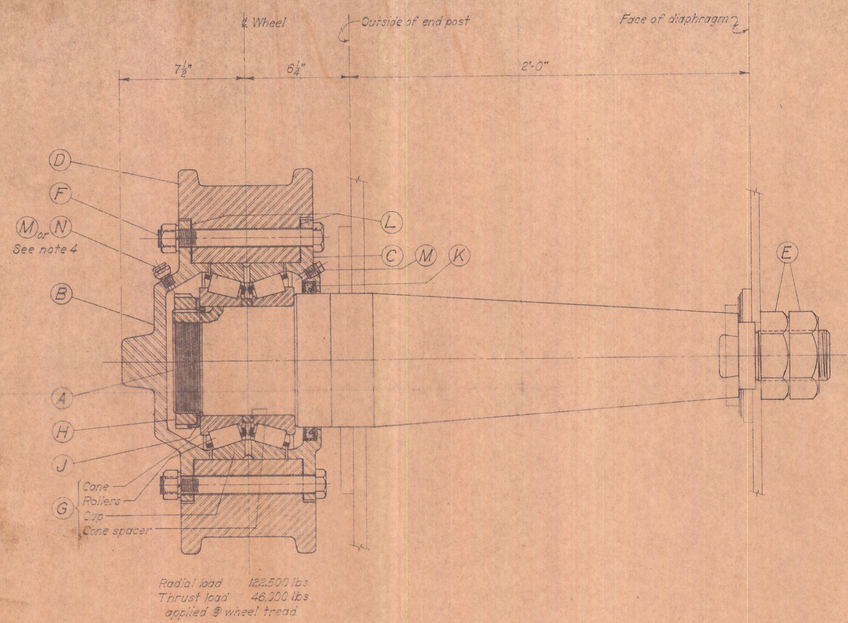
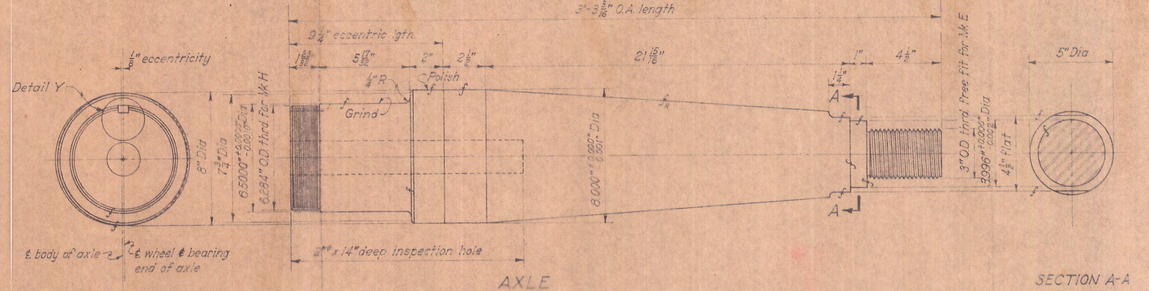
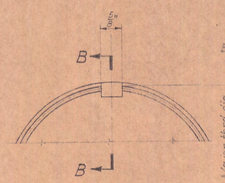


ASSEMBLY

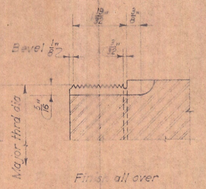


AXLE
Mark A

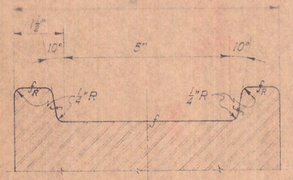
SECTION A-A



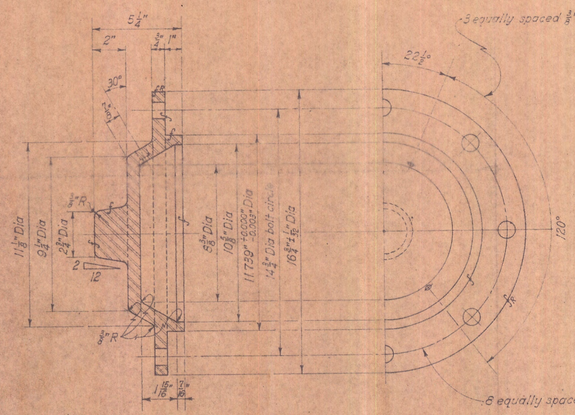
DETAIL Y



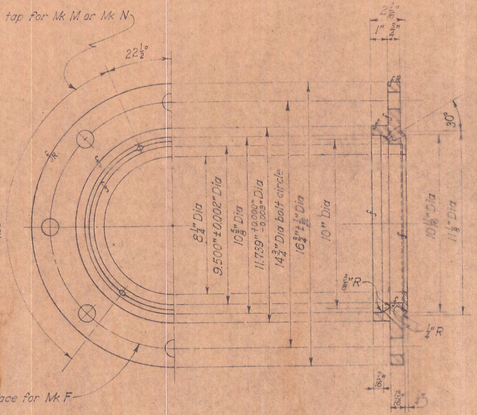
SECTION B-B



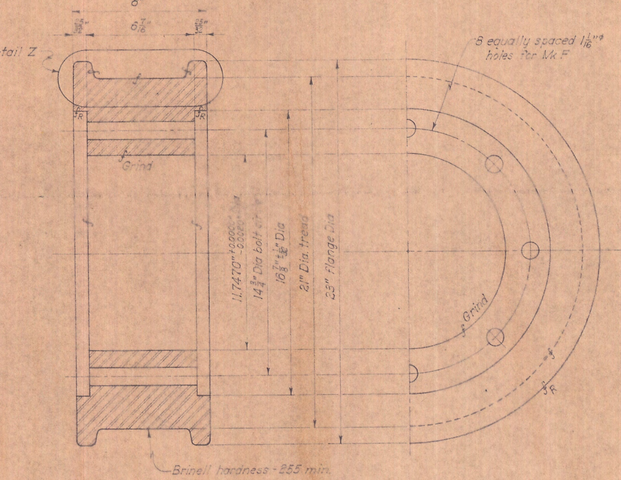
DETAIL Z



OUTSIDE COVER
Mark B



INSIDE COVER
Mark C



WHEEL
Mark D

LIST OF PARTS

MARK	DESCRIPTION	MATERIAL	REQ'D
A	Axle	Carbon steel forging, A.S.T.M. A 235-46, class E	20
B	Outside Cover	Steel, cast or rolled	20
C	Inside Cover		20
D	Wheel	Carbon steel forging, A.S.T.M. A 236-46, class F	20
E	Jam nut, 3" American std. heavy hex.	Bronze, A.S.T.M. B 22-46T, class D	40
F	Machine bolt, Amer. std. reg. 1"φ x 9¼" lg. hex. hd. with hex. nut and lockwasher	Steel	160
G	Bearing, tapered roller, Timken, type TDO, or equal. Preadjust cones, #94649, and cup, #94118D, with cone spacer	Commercial	20
H	Locknut, Timken 8AN132, or equal	Commecial	20
J	Lockwasher, Timken W132, or equal	Commercial	20
K	Grease seal, Garlock "Klosure" #3601, or equal	Commercial	20
L	Gasket, 1/32" thick, compressed asbestos fiber	Commercial	40
M	Pipe plug, ¾" solid, square hd.	Brass	120
N	Grease fitting, ⅜" P.T. Alemite Giant button head #1822-A, or equal	Commercial	60

Above quantites are for 20 wheel assemblies.

SPARE PARTS LIST

MARK	ADDITIONAL QUANTITY
E	5
F	20
L	5
M	15
N	5

NOTES

1. All mark numbers shall have prefix KAJ 15-F-14.
2. Approximate weight of one wheel assembly 1100 lbs.
3. For paint requirements see specifications.
4. For lubrication install 3 grease fittings (N) in cover (B) and pump grease until forced from open holes in cover (C). Then insert pipe plugs (M) in holes in cover (C) and force grease out ground seal. After all voids are filled replace fittings (N) with plugs (M) in cover (B). Use lime base grease. Ship wheel assemblies fully lubricated.
5. Provide five pound capacity, manually operated, grease gun with 6-ft hose and coupler to suit (N).

REFERENCE

Wheel Gate --- Assembly 15-F-11

MORRISON-KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM
IRRIGATION TUNNEL WHEEL GATE WHEELS

INTERNATIONAL ENGINEERING CO., INC.

DESIGN K.V.A.	CHK'D D.W.C.	SUBMITTED R. E. Hollick
DRAWN K.V.A.	INSP.	RECOMMENDED H. W. Birkeland
		APPROVED V. Mundal

15-F-14

DENVER, COLO.
DATE: FEBRUARY 9, 1951

RECEIVED FEB 14 1952 M.K.A., Inc. KANDAHAR