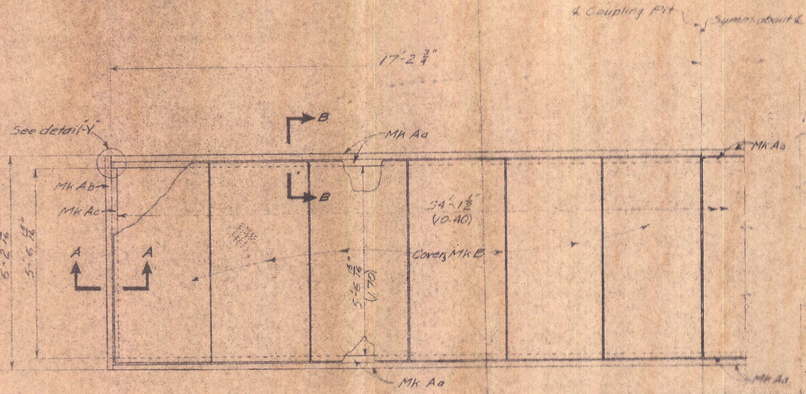
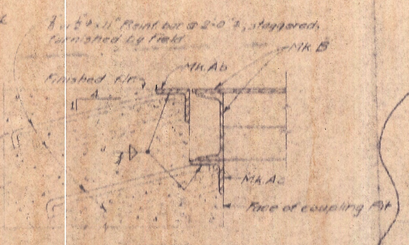
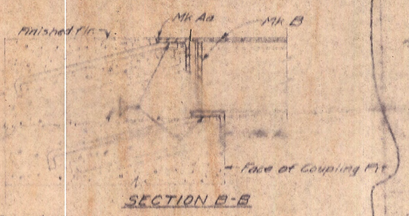


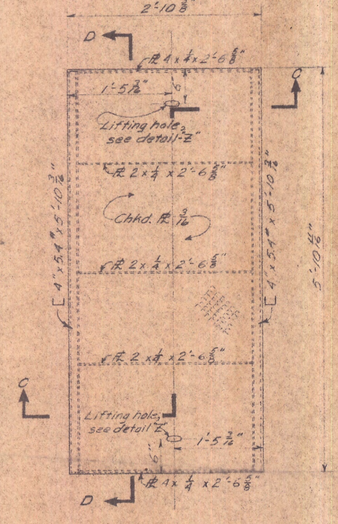

ROTOVALVE CHAMBER
COUPLING PIT FRAME MK A
1 REQ'D



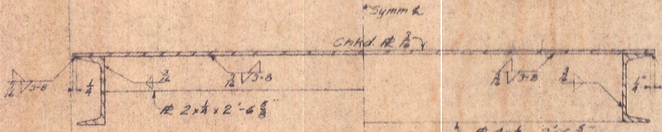

SECTION A-A



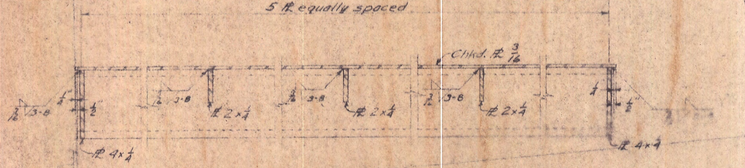

SECTION B-B



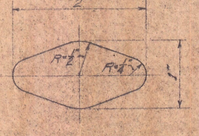

ROTOVALVE CHAMBER
COUPLING PIT COVER-MK B
12 REQ'D



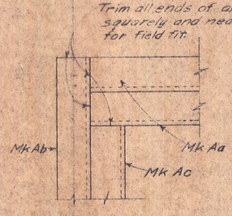

SECTION C-C



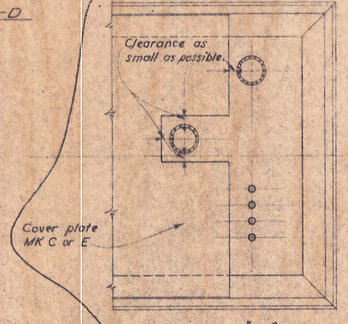

SECTION D-D



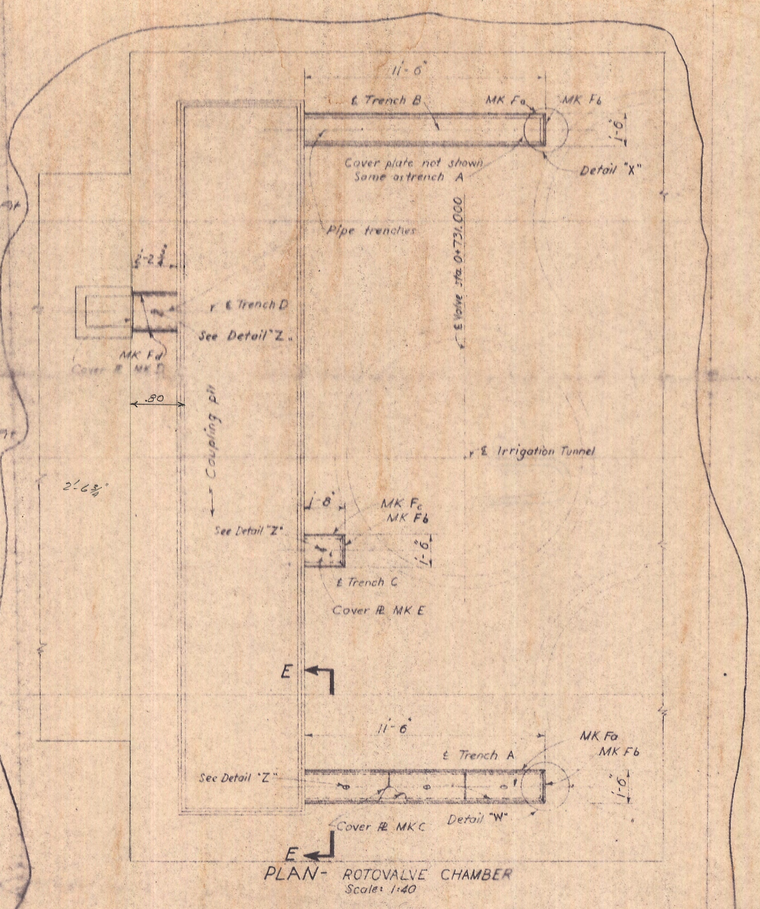

DETAIL "Z"



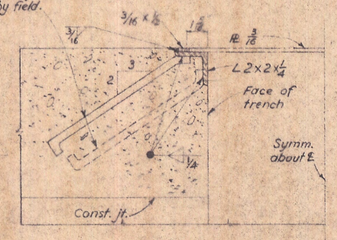

DETAIL "Y"



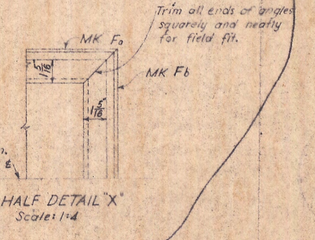

DETAIL "W"
Scale 1:4




PLAN- ROTOVALVE CHAMBER
Scale 1:40




HALF SECTION E-E
Scale 1:4




HALF DETAIL "X"
Scale 1:4

| Location | No. REQD | Mk | |
|---|---|---|---|
| Coupling Pit | 8 | Aa | |
| | 2 | Ab | |
| | 2 | Ac | |
| | 12 | B | |
| Pipe Trenches | 6 | C | |
| | 1 | D | Cover ℞ 1'-8 1/2" x 1/16 x 2'-2 3/8" |
| | 1 | E | Cover ℞ 1'-4 1/2" x 3/16 x 1'-7 1/4" |
| | 4 | Fa | L 2x2x1/4 x 11'-6" |
| | 3 | Fb | L 2x2x1/4 x 1'-6" |
| | 2 | Fc | L 2x2x1/4 x 1'-8" |
| | 2 | Fd | L 2 x 2 x 1/4 x 2'-2 3/4" |

ESTIMATED WEIGHT: (Anchors not included)

1. ℄ Coupling Pit:
Frame ---- 513 lbs.
Covers ---- 2880 lbs
Total wt 3,393 lbs
3393
540
3933

2. Pipe trenches:
Frames ---- 210 lbs.
Covers ---- 330 lbs.
Total Wt. ---- 540 lbs.

NOTES:

All mark numbers to have prefix KAJ 15-F-64
Fabrication to be in accordance with A.I.S.C. standards.
Shop paint with one coat of zinc chromates for Mk B, C, D and E only.
Inspection required for workmanship and overall dimensions before packing for shipment.
Frame angles may be welded together before embedding in concrete, optional in field.
Frame should be held firmly in place before pouring concrete. Care should be taken in placing the angle frames so that the top face of the cover will be even with the floor surface.
Dimensions in parentheses, thus( ), are in meters; all others in feet and inches.
After installing all the oil pipes, cut cover plate in field as suggested in Detail "W".

REFERENCE DRAWING:

Irrigation Tunnel-Rotovalve Chamber-Concrete Outline ---- 13-F-61
Irrigation Tunnel- Pipe Trenches and Equipment Foundations ---- 13-F-68
Irrigation Tunnel- Rotovalve Control Piping Plan and Section ---- 15-F-66

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM

# IRRIGATION TUNNEL
# MISCELLANEOUS METALWORK

INTERNATIONAL ENGINEERING CO., INC.

| REV. NO. | DATE | MADE | CHECKED | APPROVED |
|---|---|---|---|---|
| 1 | 8-18-52 | M.A. | H.Y.H. | Wes B |

Pipe trench frames and covers

DESIGNED M.A. CHKD. H.Y.H. SUBMITTED
DRAWN M.A. INSP. RECOMMENDED
APPROVED

15-F-64 R1

SAN FRANCISCO, CAL.
DATE MAY 28, 1952