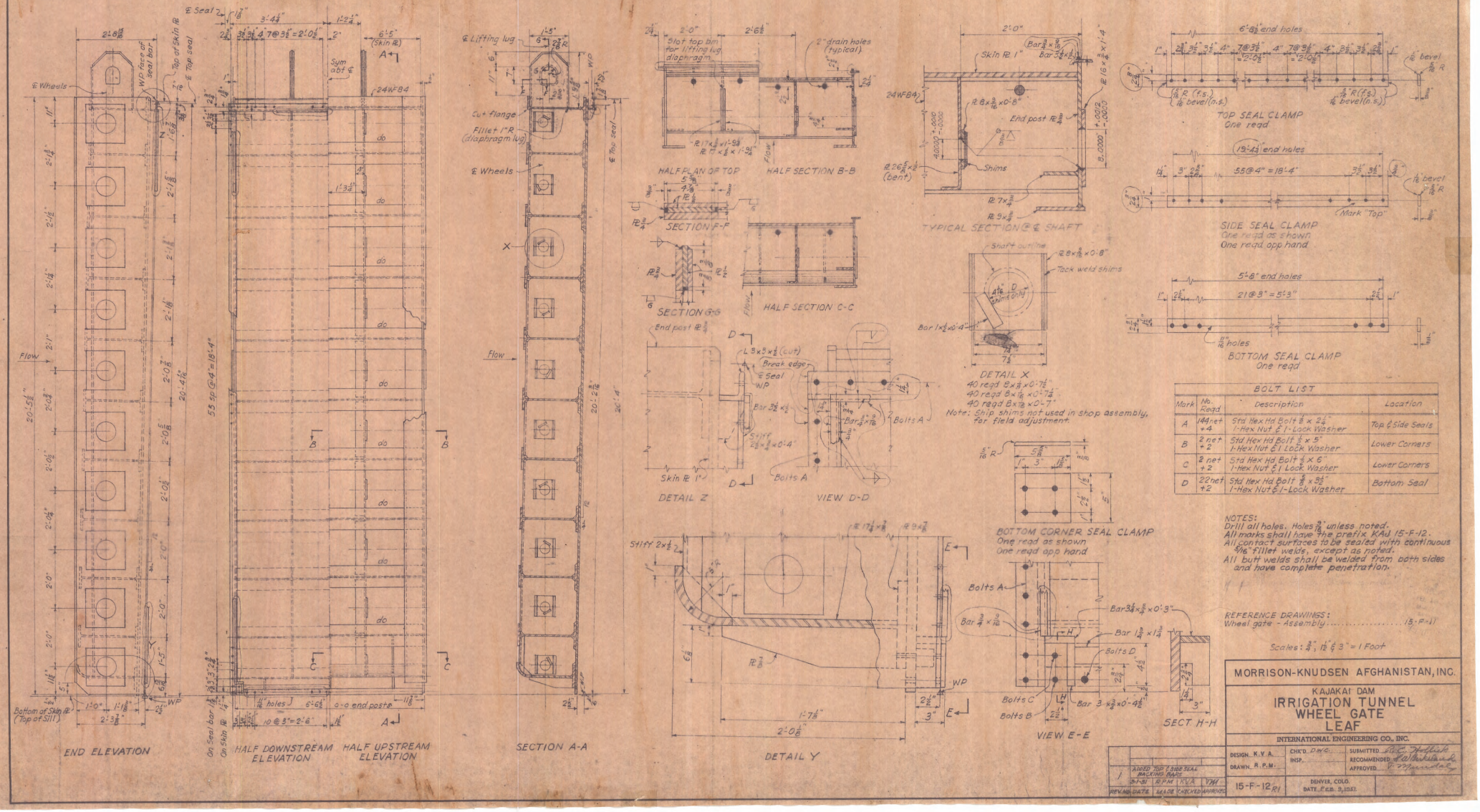
END ELEVATION
HALF DOWNSTREAM ELEVATION
HALF UPSTREAM ELEVATION
SECTION A-A
HALF PLAN OF TOP
HALF SECTION B-B
SECTION F-F
SECTION G-G
HALF SECTION C-C
TYPICAL SECTION @ ℄ SHAFT
DETAIL X
40 reqd 8x3/8x0'-7 1/8"
40 reqd 8x1/16x0'-7 1/8"
40 reqd 8x1/16x0'-7"
Note: Ship shims not used in shop assembly, for field adjustment.
DETAIL Z
VIEW D-D
DETAIL Y
VIEW E-E
SECT H-H
TOP SEAL CLAMP
One reqd
SIDE SEAL CLAMP
One reqd as shown
One reqd opp hand
BOTTOM SEAL CLAMP
One reqd
BOTTOM CORNER SEAL CLAMP
One reqd as shown
One reqd opp hand
BOLT LIST
Mark | No. Reqd | Description | Location
A | 144 net +4 | Std Hex Hd Bolt 5/8 x 2 1/4" 1-Hex Nut & 1-Lock Washer | Top & Side Seals
B | 2 net +2 | Std Hex Hd Bolt 5/8 x 5" 1-Hex Nut & 1 Lock Washer | Lower Corners
C | 2 net +2 | Std Hex Hd Bolt 5/8 x 6" 1-Hex Nut & 1 Lock Washer | Lower Corners
D | 22 net +2 | Std Hex Hd Bolt 5/8 x 3 1/2" 1-Hex Nut & 1-Lock Washer | Bottom Seal
NOTES:
Drill all holes. Holes 3/4" unless noted.
All marks shall have the prefix KAJ 15-F-12.
All contact surfaces to be sealed with continuous 3/16" fillet welds, except as noted.
All butt welds shall be welded from both sides and have complete penetration.
REFERENCE DRAWINGS:
Wheel gate - Assembly 15-F-11
Scales: 3/4", 1 1/2" & 3" = 1 Foot
MORRISON-KNUDSEN AFGHANISTAN, INC.
KAJAKAI DAM
IRRIGATION TUNNEL
WHEEL GATE
LEAF
INTERNATIONAL ENGINEERING CO., INC.
DESIGN K.V.A.
DRAWN R.P.M.
CHK'D D.W.C.
INSP.
SUBMITTED
RECOMMENDED
APPROVED
15-F-12 R1
DENVER, COLO.
DATE FEB. 3, 1951
1 ADDED TOP & SIDE SEAL BACKING BARS 3-1-51 RPM KVA VM
REV. NO. DATE MADE CHECKED APPROVED