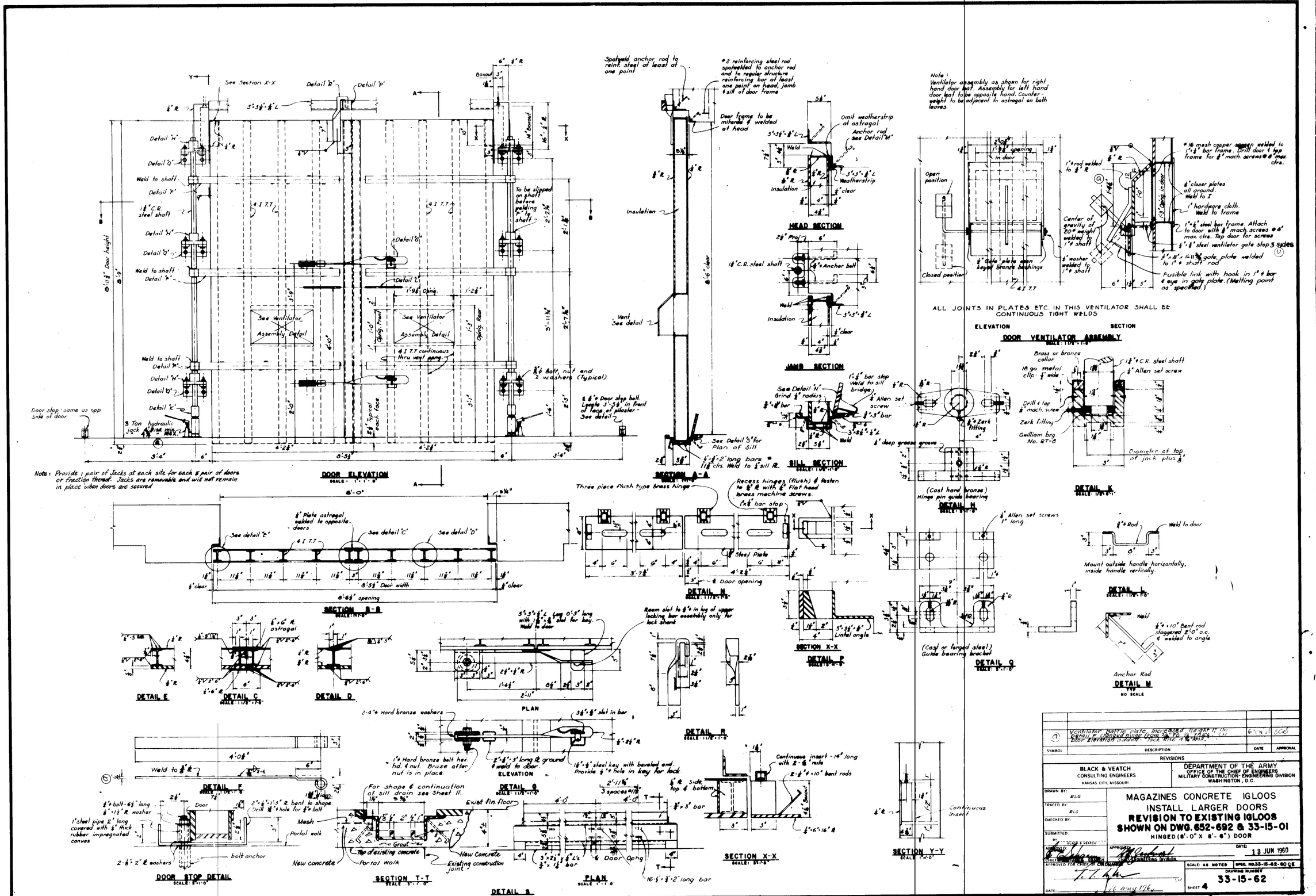
DOOR ELEVATION
SCALE: 1" = 1'-0"
SECTION A-A
SCALE: 1" = 1'-0"
HEAD SECTION
JAMB SECTION
SILL SECTION
SCALE: 1" = 1'-0"
DETAIL K
SCALE: 1" = 1'-0"
DETAIL H
SCALE: 1" = 1'-0"
DETAIL N
SCALE: 1" = 1'-0"
DETAIL L
SCALE: 1" = 1'-0"
DETAIL M
NO SCALE
DETAIL E
DETAIL C
SCALE: 1" = 1'-0"
DETAIL D
SECTION B-B
SCALE: 1" = 1'-0"
PLAN
DETAIL R
SCALE: 1" = 1'-0"
DETAIL F
SCALE: 1" = 1'-0"
DETAIL G
SCALE: 1" = 1'-0"
ELEVATION
DOOR STOP DETAIL
SCALE: 3" = 1'-0"
SECTION T-T
SCALE: 3" = 1'-0"
PLAN
SCALE: 1" = 1'-0"
SECTION X-X
SCALE: 3" = 1'-0"
SECTION Y-Y
SCALE: 1" = 1'-0"
DETAIL P
SCALE: 3" = 1'-0"
SECTION X-X
DETAIL Q
SCALE: 3" = 1'-0"
DETAIL S
DOOR VENTILATOR ASSEMBLY
ELEVATION
SECTION
ALL JOINTS IN PLATES ETC. IN THIS VENTILATOR SHALL BE CONTINUOUS TIGHT WELDS
Note: Ventilator assembly as shown for right hand door leaf. Assembly for left hand door leaf to be opposite hand. Counterweight to be adjacent to astragal on both leaves.
Note: Provide 1 pair of Jacks at each site for each ½ pair of doors or fraction thereof. Jacks are removable and will not remain in place when doors are secured
Door height
See Section X-X
See Ventilator Assembly Detail
Weld to shaft
1½" C.R. steel shaft
Door stop: same as opp. side of door
3 Ton hydraulic jack
To be slipped on shaft before welding 2" ⌀ shaft
Insulation
Vent See detail
Door frame to be mitered & welded at head
Omit weatherstrip at astragal
Anchor rod See Detail 'M'
Weatherstrip
See Detail 'S' for Plan of Sill
Three piece flush type brass hinge
Recess hinges (flush) & fasten to ⅜" R with ¼" flat head brass machine screws.
Steel Plate
Door opening
Door width
Door opening
Open position
Closed position
Center of gravity of 20# weight welded to 1" ⌀ shaft
Fusible link with hook in 1" ⌀ bar & eye in gate plate. (Melting point as specified.)
Brass or bronze collar
Drill & tap ⅜" mach. screw
Zerk fitting
Guilliam brg. No. R7-8
Diameter of top of jack plus ⅛"
(Cast hard bronze) Hinge pin guide bearing
(Cast or forged steel) Guide bearing bracket
Mount outside handle horizontally, inside handle vertically.
Anchor Rod
Room slot to ⅜" in leg of upper locking bar assembly only for lock shank
2-4" ⌀ Hard bronze washers
1" ⌀ Hard bronze bolt hex. hd. & nut. Braze after nut is in place.
Continuous insert - 14" long with 2-⅝" nuts
Continuous insert
For shape & continuation of sill drain see Sheet 11.
Exist fin. floor
Mesh
Portal walk
Grout
Top of existing concrete
New concrete
For rot walk
Existing construction joint
New Concrete
bolt anchor
Door
Door opng
Weld to door
Weld
Linthel angle
Steel Plate
Continuous insert
Ventilator baffle plate increased height 1" (in) detail F changed hinge from 3" to 4" thick. door elevation changed jack rise 4 to 4½ min.
SYMBOL
DESCRIPTION
DATE
APPROVAL
REVISIONS
BLACK & VEATCH
CONSULTING ENGINEERS
KANSAS CITY, MISSOURI
DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION - ENGINEERING DIVISION
WASHINGTON, D.C.
DRAWN BY: RLG
TRACED BY: RLG
CHECKED BY:
SUBMITTED: BLACK & VEATCH
APPROVED: CHIEF, CIVIL DESIGN BRANCH
APPROVED FOR CHIEF OF ENGINEERS
DATE: 13 JUN 1960
MAGAZINES CONCRETE IGLOOS
INSTALL LARGER DOORS
REVISION TO EXISTING IGLOOS
SHOWN ON DWG. 652-692 & 33-15-01
HINGED (8'-0" X 8'-6") DOOR
SCALE: AS NOTED
SPEC. NO. 33-15-62-60 CE
DRAWING NUMBER
33-15-62
SHEET 4