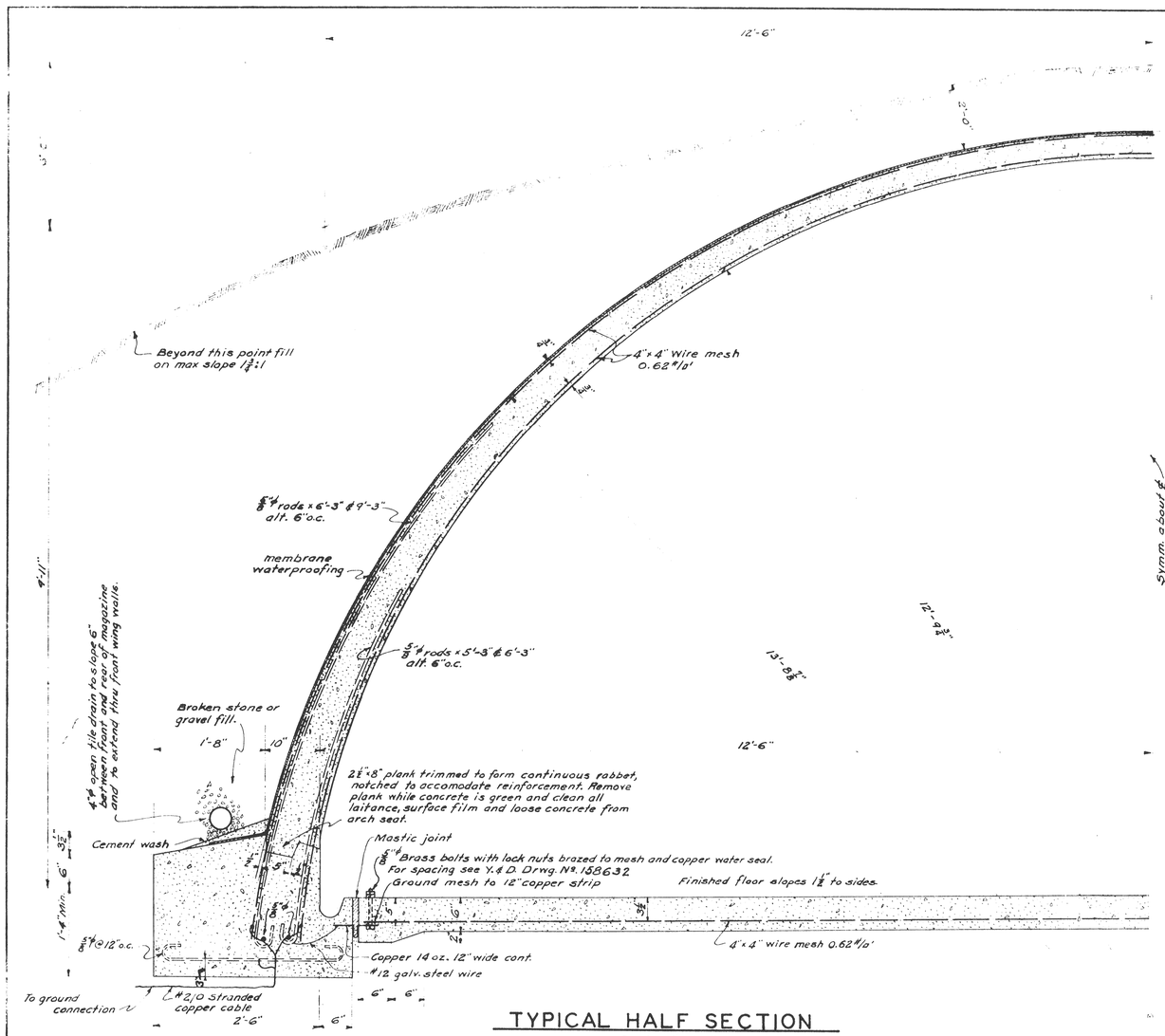
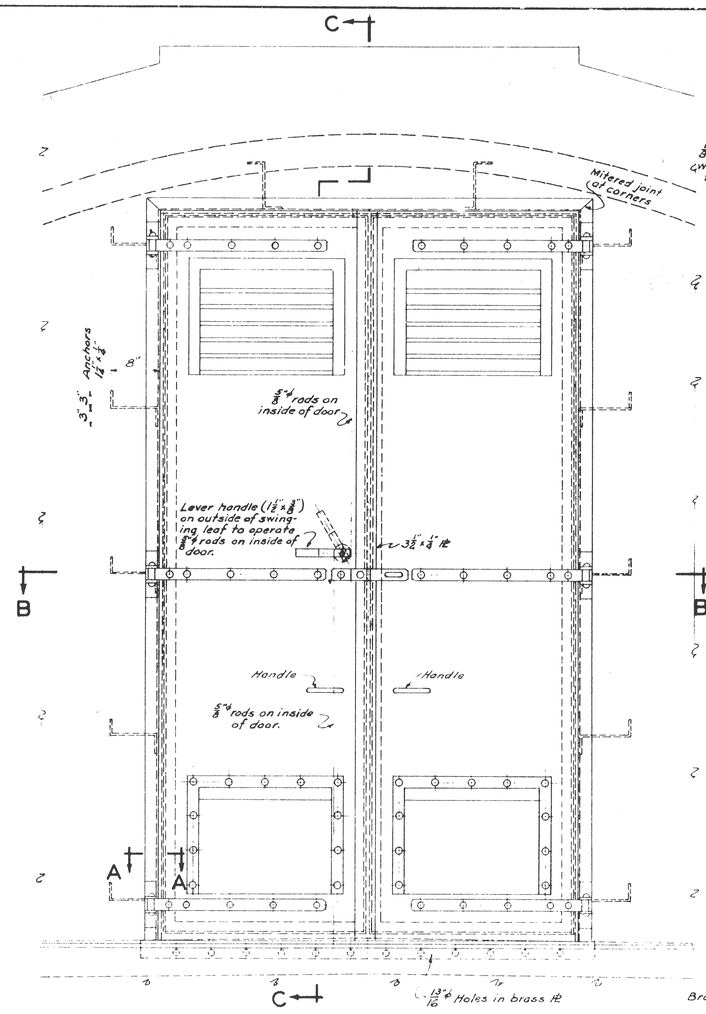


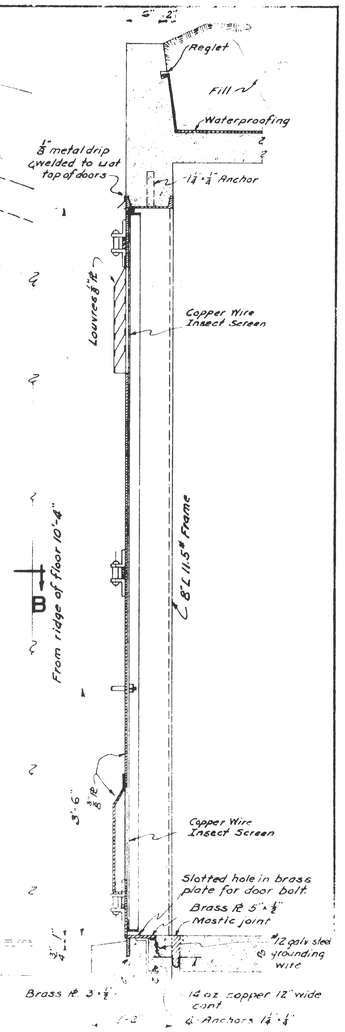
TYPICAL HALF SECTION

Scale: 1"=1'-0"



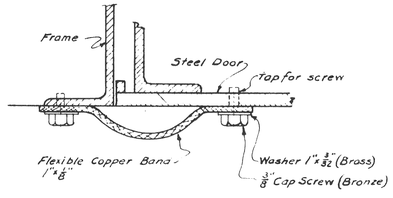
ELEVATION OF DOOR

Scale: 1"=1'-0"

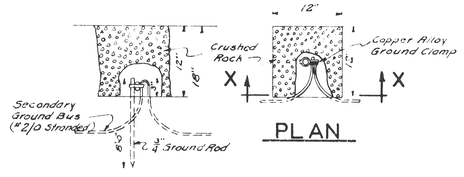


SECTION C-C

Scale: 1"=1'-0"



PLAN

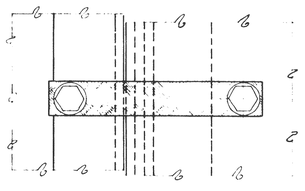


PLAN

SECTION X-X

CONNECTION TO GROUND ROD

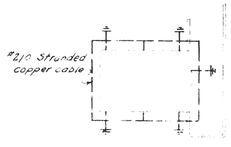
Scale: 1"=1'-0"



ELEVATION

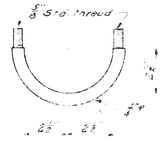
DETAIL A

Scale: 6"=1'-0"



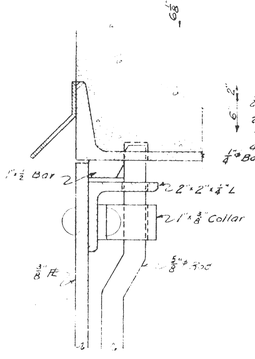
PLAN OF GROUNDING SYSTEM

Scale: 1/32"=1'-0"

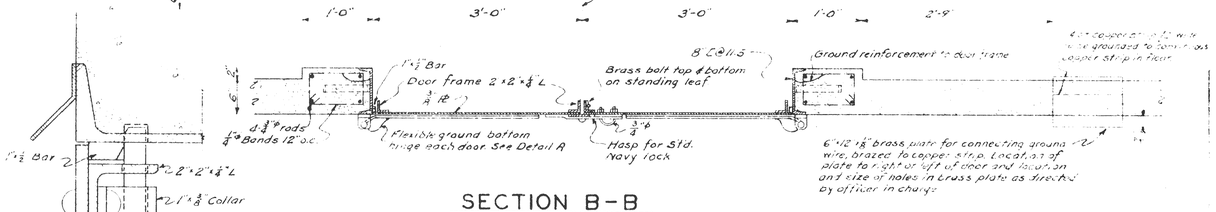


DOOR HANDLE

Scale: 3"=1'-0"



TOP OF DOOR



SECTION B-B

Scale: 1"=1'-0"

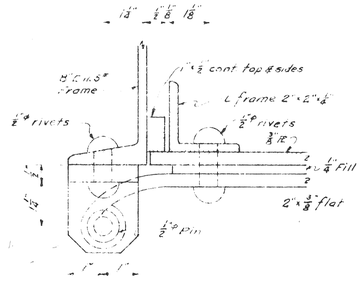
GENERAL NOTES

Floor Slab: Reinforcement shall be lapped 18".
Roof Arch: Reinforcement as shown and lapped 18".

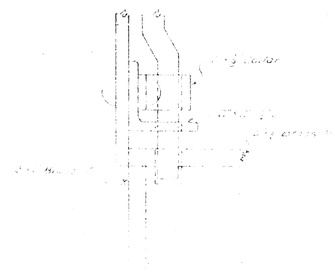
Hook: Typical hook [illegible] diam.

Cover: Provide 1" cover to face of reinforcement on all walls unless otherwise shown.

Grounding: All reinforcement to be interconnected with #12 galv. steel wire to form an electrically continuous path to a ground.



SECTION A-A



BOTTOM OF DOOR
DETAIL OF ROD AT TOP OF BOTTOM OF SWINGING LEAF

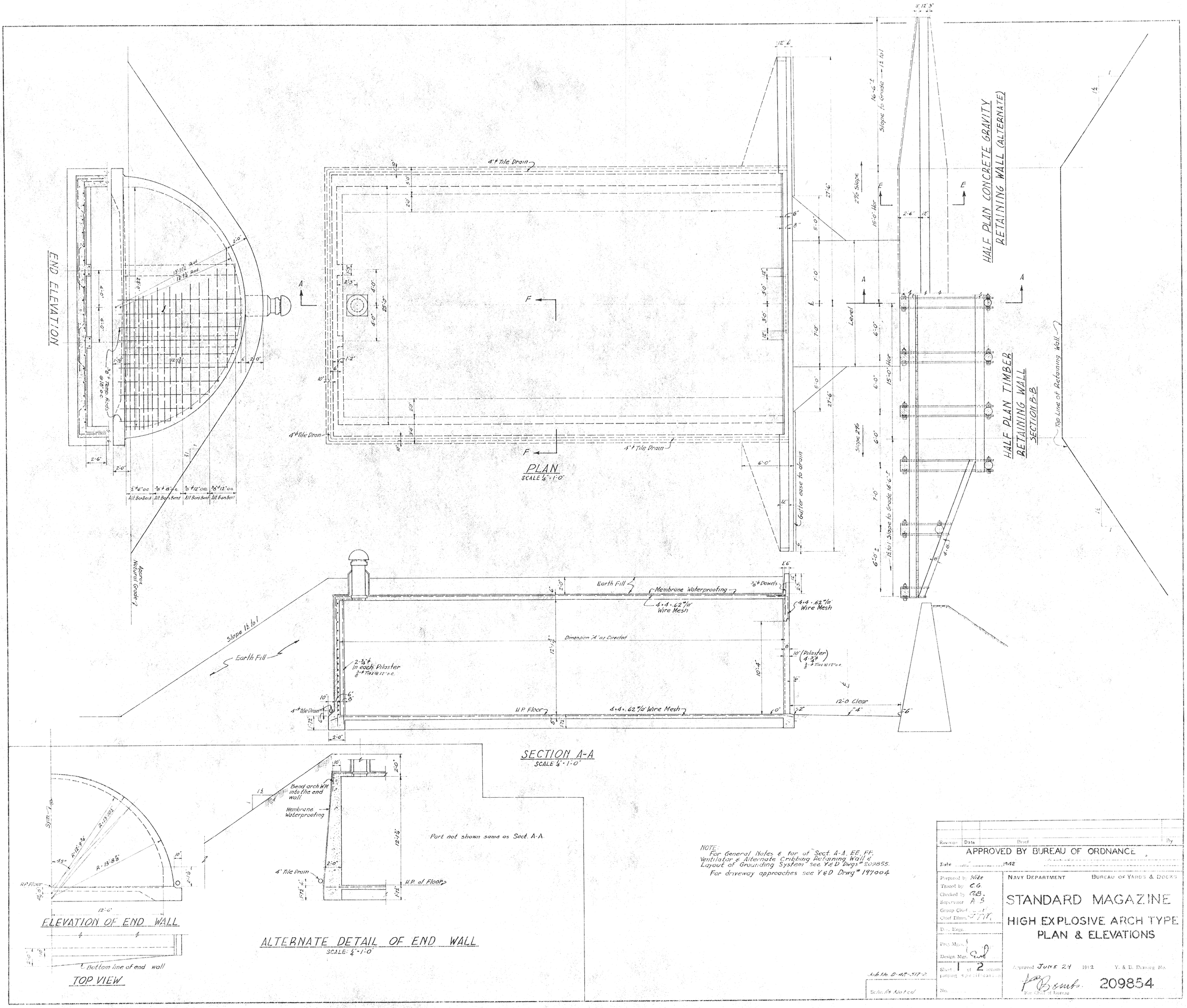
APPROVED BY BUREAU OF ORDNANCE
Date 24th March 1941
Bu. Ord. Letter No. 62(23) Ap 30
Ship 40 File No. [illegible]

RNT
S

NAVY DEPARTMENT — BUREAU OF YARDS & DOCKS

STANDARD MAGAZINE
HIGH EXPLOSIVE ARCH TYPE
SECTIONS & DETAILS

158633



NOTE:
For General Notes & for of Sect. A-A, EE, FF, Ventilator & Alternate Cribbing Retaining Wall & Layout of Grounding System see Y&D Dwgs # 209855.
For driveway approaches see Y&D Drwg # 197004

Revision	Date	Brief	By

APPROVED BY BUREAU OF ORDNANCE

Date 1942

Prepared by Wike
Traced by C.G.
Checked by A.B.
Supervisor A.S.
Group Chief
Chief Dfmn. J.T.M.
Des. Engr.
Proj. Mgrs.
Design Mgr. Earl
Sheet 1 of 2 accompanying specification
No.

NAVY DEPARTMENT — BUREAU OF YARDS & DOCKS

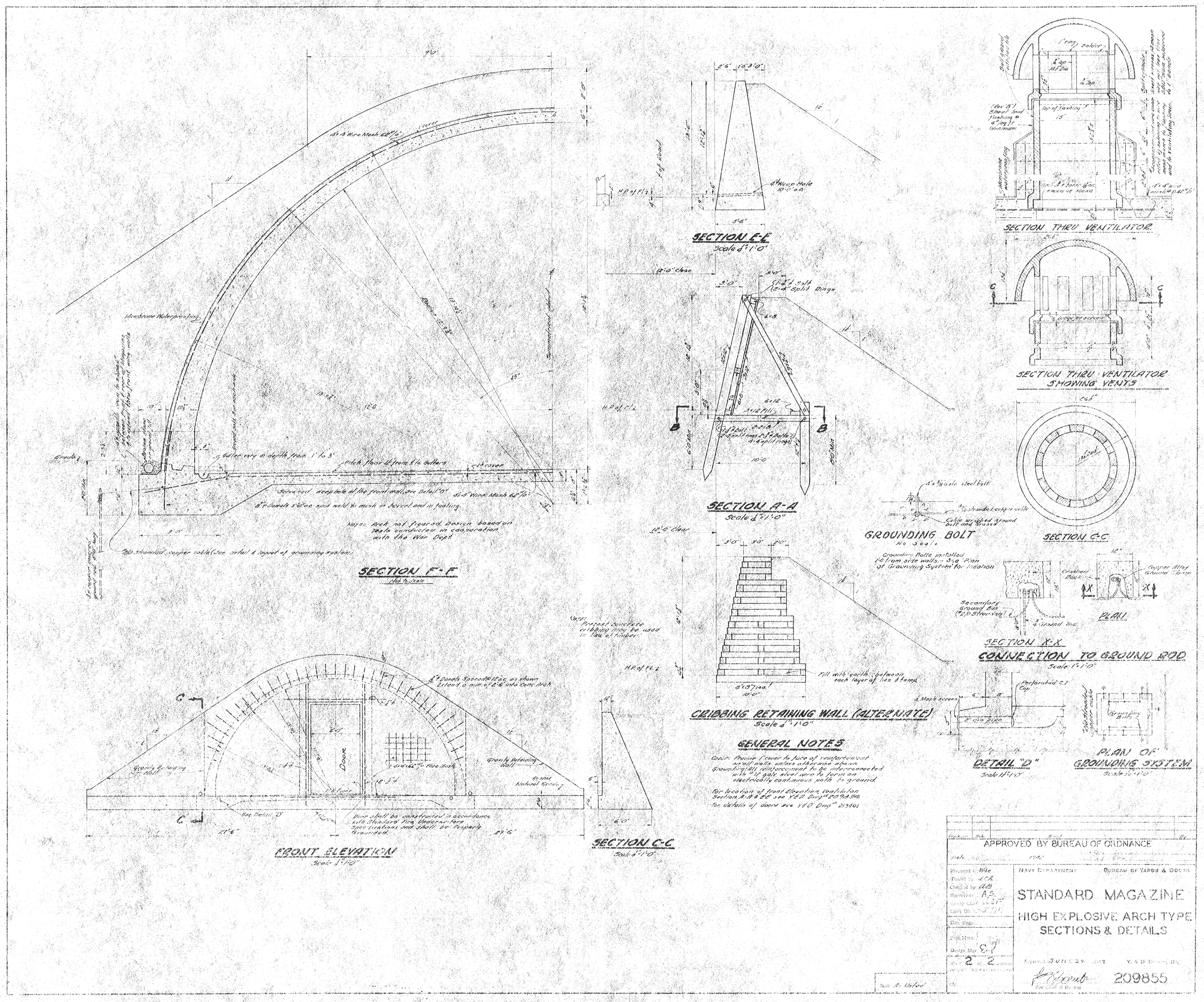
STANDARD MAGAZINE
HIGH EXPLOSIVE ARCH TYPE PLAN & ELEVATIONS

Approved JUNE 24 1942 — Y. & D. Drawing No. 209854

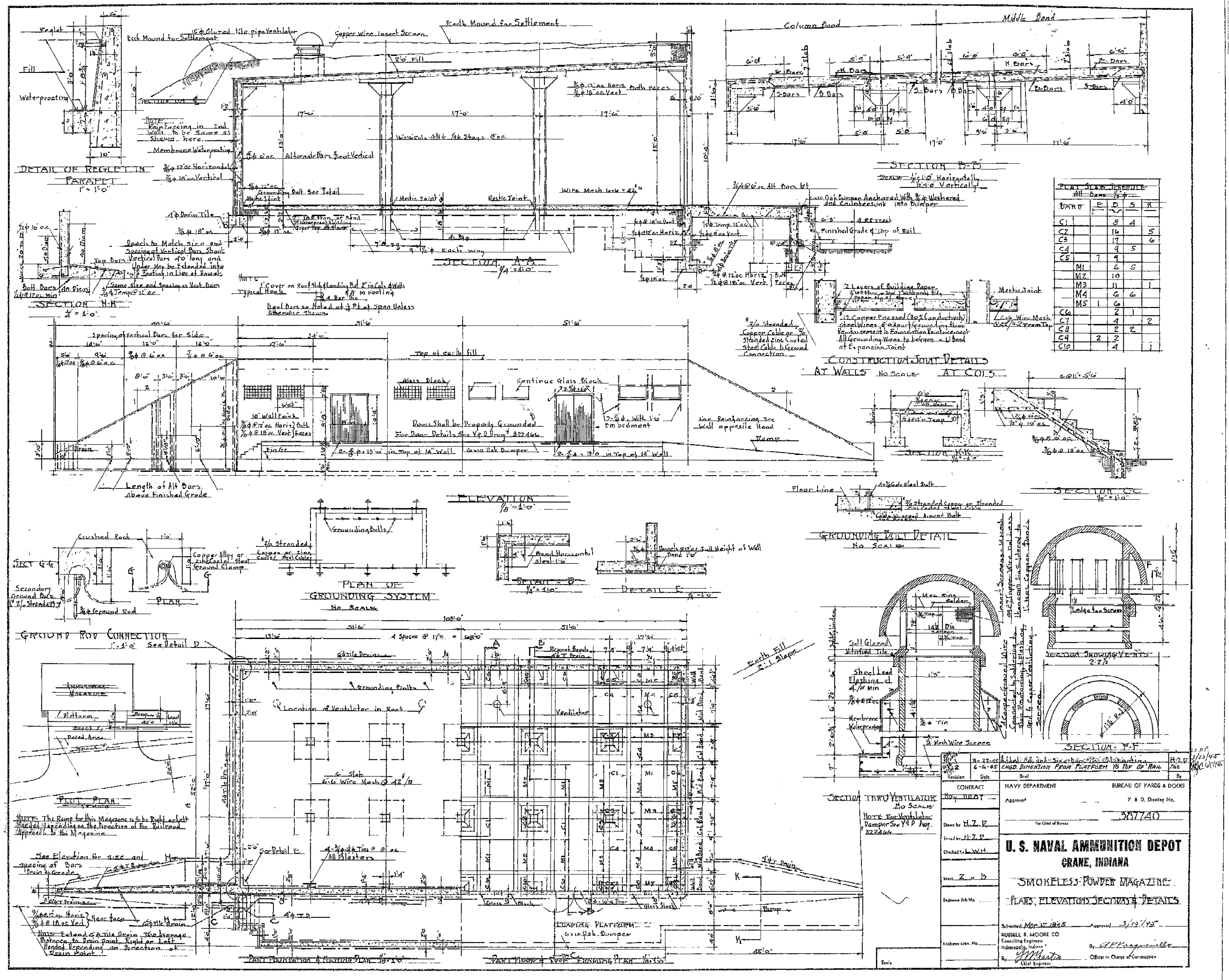
For Chief of Bureau

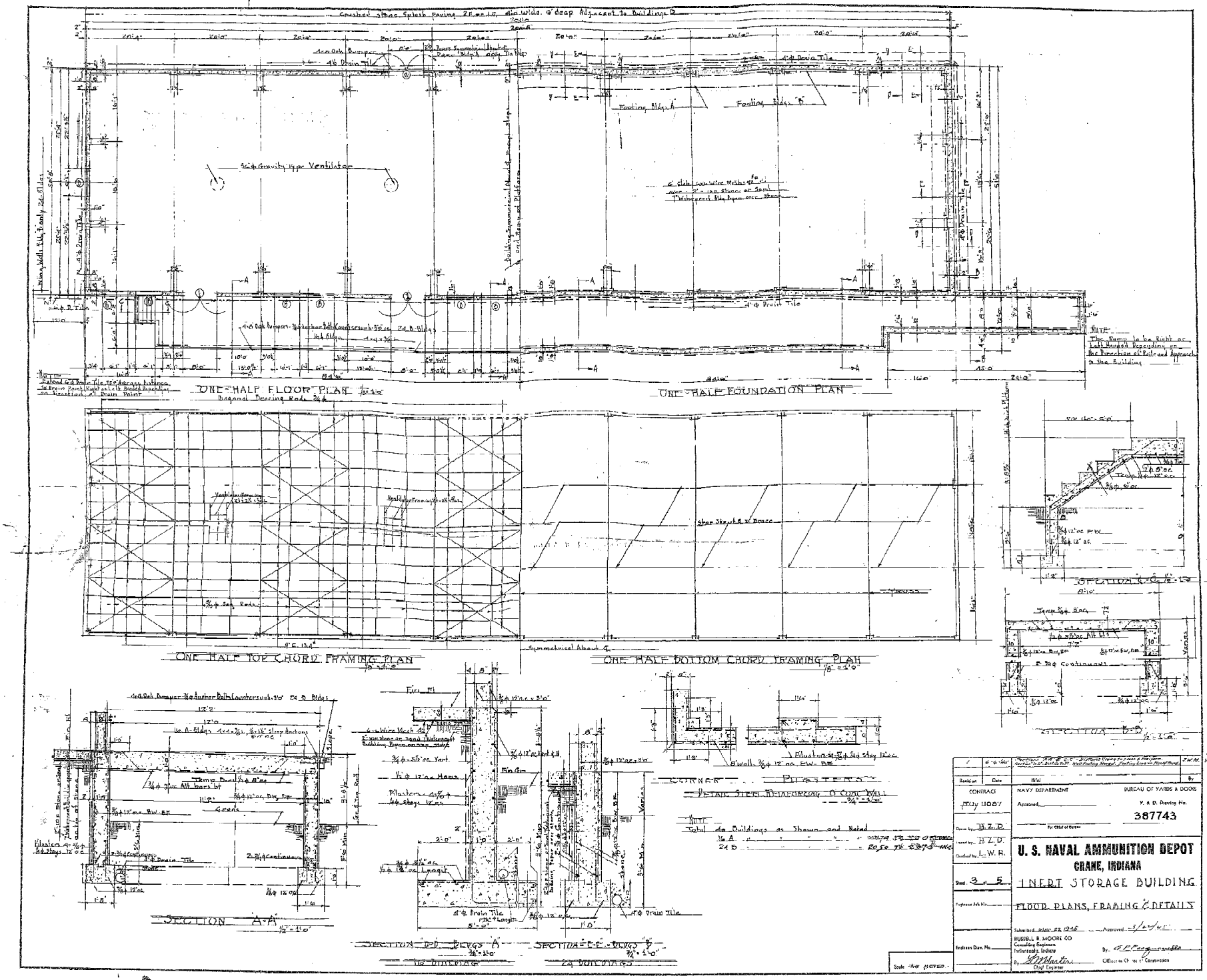
Job No. D-42-517-2

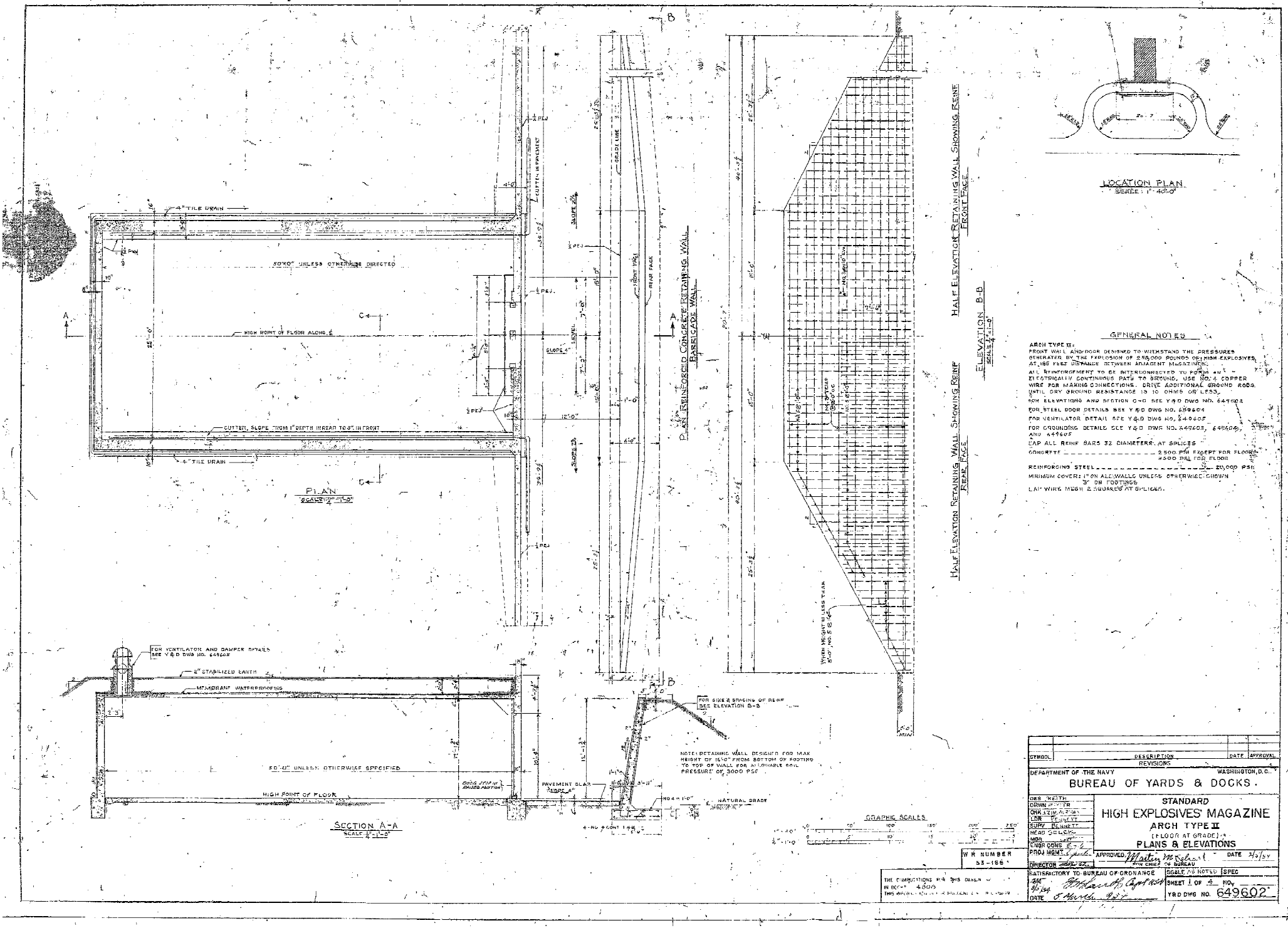
Scale: As Noted


SECTION F-F
Not to Scale
SECTION E-E
Scale 1/4" = 1'-0"
SECTION A-A
Scale 1/4" = 1'-0"
SECTION THRU VENTILATOR
SECTION THRU VENTILATOR SHOWING VENTS
SECTION C-C
GROUNDING BOLT
No Scale
Grounding Bolts installed 1'-0" from side walls. See Plan of Grounding System for location
PLAN
SECTION X-X
CONNECTION TO GROUND ROD
Scale 1" = 1'-0"
CRIBBING RETAINING WALL (ALTERNATE)
Scale 1/4" = 1'-0"
DETAIL "D"
PLAN OF GROUNDING SYSTEM
FRONT ELEVATION
Scale 1/4" = 1'-0"
SECTION C-C
Scale 1/4" = 1'-0"
GENERAL NOTES
Cover: Provide 1" cover to face of reinforcement on all walls unless otherwise shown.
Grounding: All reinforcement to be interconnected with #12 galv. steel wire to form an electrically continuous path to ground.
For location of front Elevation, Ventilator Section A-A & E-E see Y&D Dwg# 209854.
For details of doors see Y&D Dwg# 213401
APPROVED BY BUREAU OF ORDNANCE
NAVY DEPARTMENT
BUREAU OF YARDS & DOCKS
STANDARD MAGAZINE
HIGH EXPLOSIVE ARCH TYPE
SECTIONS & DETAILS
Approved JUNE 24 1942
Y. & D. Drawing No.
209855
For Chief of Bureau
Scale As Noted

March 07, 2015 13:54:51 [YD387740r002]




ONE-HALF FLOOR PLAN
ONE-HALF FOUNDATION PLAN
ONE HALF TOP CHORD FRAMING PLAN
ONE HALF BOTTOM CHORD FRAMING PLAN
SECTION A-A
SECTION D-D BLDGS A
SECTION E-E BLDGS B
SECTION C-C
SECTION B-B
CORNER PILASTERS
NAVY DEPARTMENT
BUREAU OF YARDS & DOCKS
Y. & D. Drawing No.
387743
U. S. NAVAL AMMUNITION DEPOT
CRANE, INDIANA
INERT STORAGE BUILDING
FLOOR PLANS, FRAMING & DETAILS
BUGGELL R. MOORE CO
Consulting Engineers
Indianapolis, Indiana


PLAN
SECTION A-A
PLAN REINFORCED CONCRETE RETAINING WALL BARRICADE WALL
HALF ELEVATION RETAINING WALL SHOWING REINF REAR FACE
HALF ELEVATION RETAINING WALL SHOWING REINF FRONT FACE
ELEVATION B-B
LOCATION PLAN
GENERAL NOTES
ARCH TYPE II:
FRONT WALL AND DOOR DESIGNED TO WITHSTAND THE PRESSURES GENERATED BY THE EXPLOSION OF 25,000 POUNDS OF HIGH EXPLOSIVES AT 165 FEET DISTANCE BETWEEN ADJACENT MAGAZINES.
ALL REINFORCEMENT TO BE INTERCONNECTED TO FORM AN ELECTRICALLY CONTINUOUS PATH TO GROUND. USE NO. 4 COPPER WIRE FOR MAKING CONNECTIONS. DRIVE ADDITIONAL GROUND RODS UNTIL DRY GROUND RESISTANCE IS 10 OHMS OR LESS.
FOR ELEVATIONS AND SECTION C-C SEE Y&D DWG NO. 649603
FOR STEEL DOOR DETAILS SEE Y&D DWG NO. 649604
FOR VENTILATOR DETAIL SEE Y&D DWG NO. 649605
FOR GROUNDING DETAILS SEE Y&D DWG NO. 649603, 649604, AND 649605
LAP ALL REINF BARS 32 DIAMETERS AT SPLICES
CONCRETE 2500 PSI EXCEPT FOR FLOOR 3500 PSI FOR FLOOR
REINFORCING STEEL 20,000 PSI
MINIMUM COVER: 1" ON ALL WALLS UNLESS OTHERWISE SHOWN 3" ON FOOTINGS
LAP WIRE MESH 2 SQUARES AT SPLICES.
NOTE: RETAINING WALL DESIGNED FOR MAX HEIGHT OF 15'-0" FROM BOTTOM OF FOOTING TO TOP OF WALL FOR ALLOWABLE SOIL PRESSURE OF 3000 PSF
GRAPHIC SCALES
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DEPARTMENT OF THE NAVY WASHINGTON, D.C.
BUREAU OF YARDS & DOCKS.
STANDARD
HIGH EXPLOSIVES' MAGAZINE
ARCH TYPE II
(FLOOR AT GRADE)
PLANS & ELEVATIONS
W R NUMBER 53-166
APPROVED DATE
SATISFACTORY TO BUREAU OF ORDNANCE
SCALE AS NOTED SPEC
SHEET 1 OF 4 NO.
Y&D DWG NO. 649602