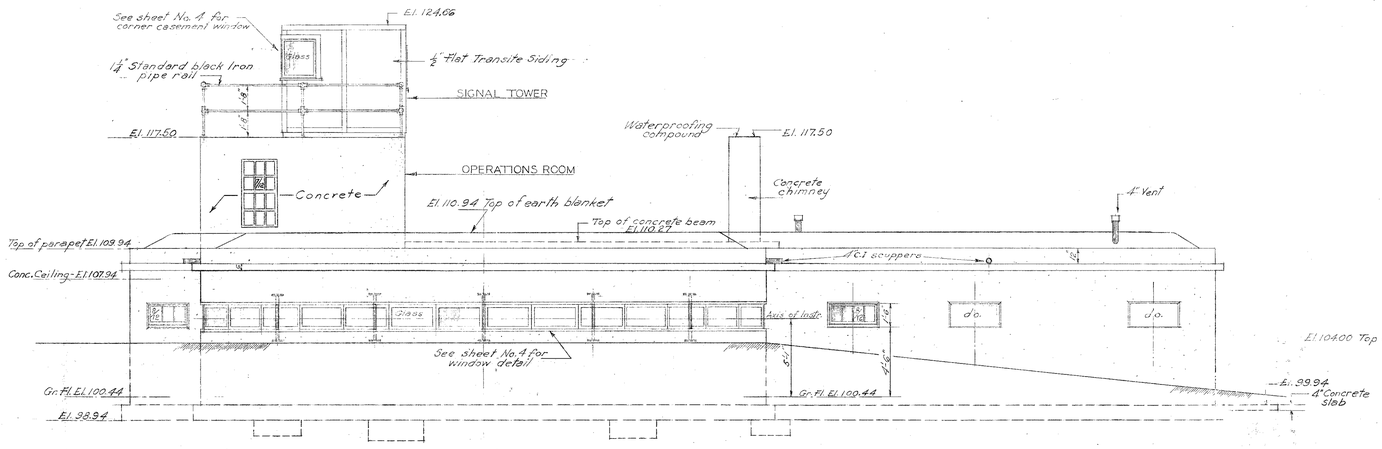
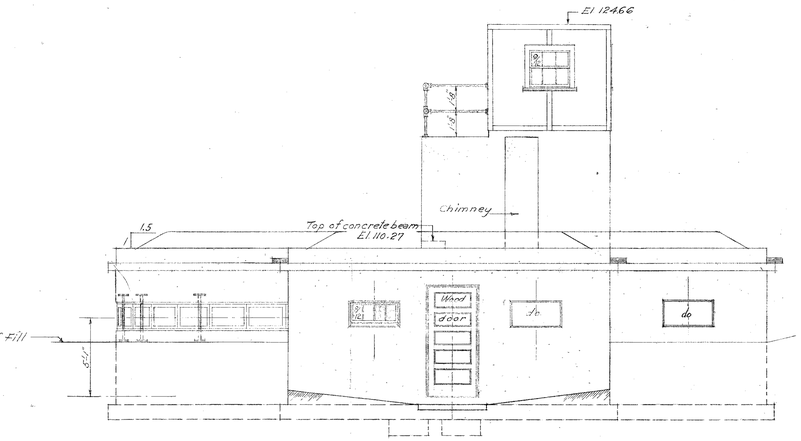


EAST ELEVATION

SCALE $\frac{1}{4}$" = 1'-0"

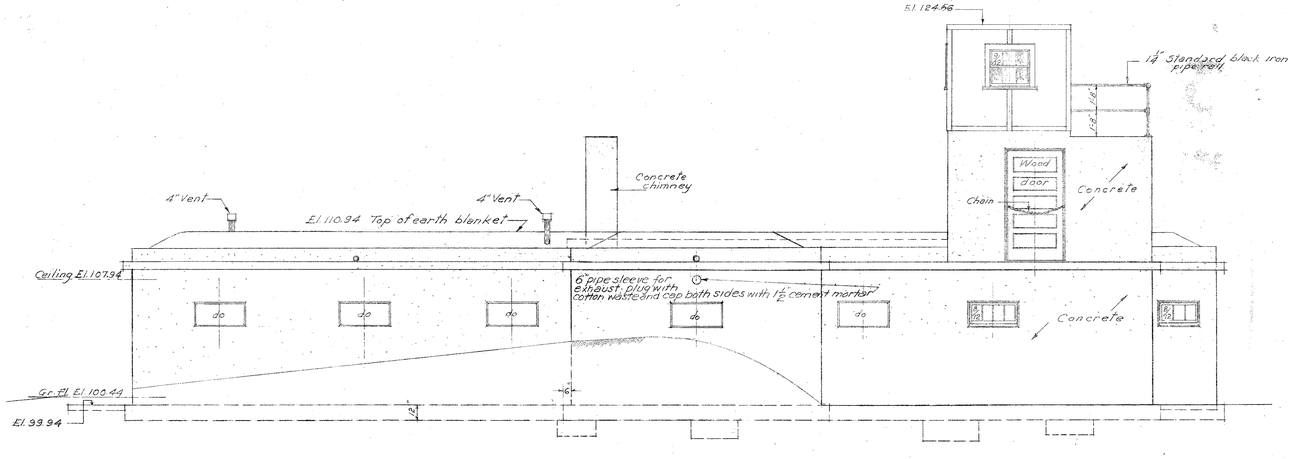
FRONT



NORTH ELEVATION

SCALE $\frac{1}{4}$" = 1'-0"

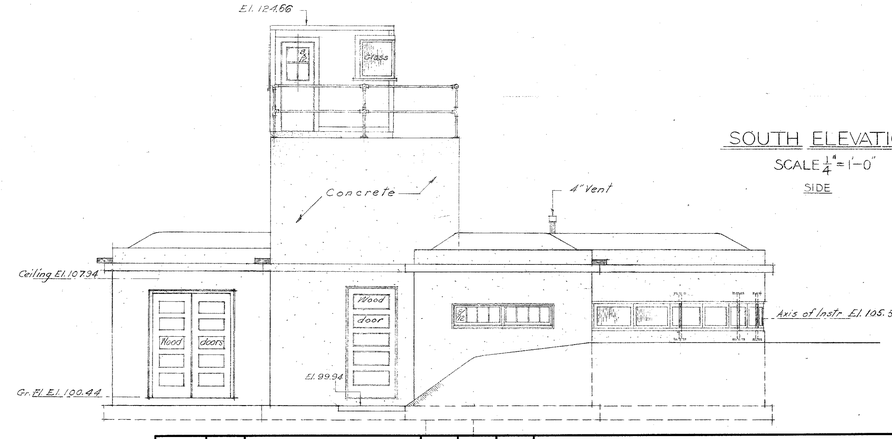
SIDE



WEST ELEVATION

SCALE $\frac{1}{4}$" = 1'-0"

REAR



SOUTH ELEVATION

SCALE $\frac{1}{4}$" = 1'-0"

SIDE

DATE	REV. NO.	REVISION	REV. BY	AP. BY	DOC. NO.
8-26-44		Final Field Changes	J.P.W.		
2-16-44	2	Transfer Drawing - No Changes	RHB		
2-3-42	1	Minor revisions	AOB	J.N.G.	

HARBOR DEFENSES OF BOSTON

CONCRETE BUILDING

FORT DAWES, BOSTON, MASS.

ELEVATIONS

IN 9 SHEETS SHEET NO. 3 SCALE: $\frac{1}{4}$" = 1'-0"

U. S. ENGINEER OFFICE, BOSTON, MASS. JANUARY 1942

APPROVAL RECOMMENDED: John E. Allen
CHIEF, DEFENSE AND FLOOD CONTROL SUBDIVISION

APPROVED: R. W. Wolfenden
LT. COLONEL, CORPS OF ENGINEERS
DISTRICT ENGINEER

SUBMITTED: F. Stewart Brown
CHIEF, DESIGN SECTION

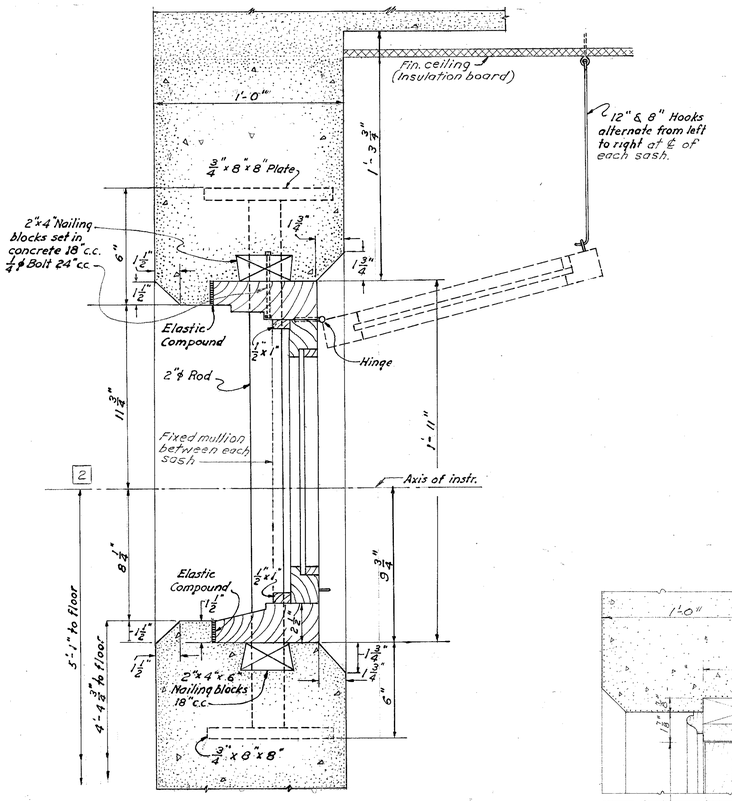
APPROVAL RECOMMENDED: Lawrence Kinnicutt
MAJ. CORPS OF ENGINEERS
CHIEF, FORTIFICATIONS DIVISION

DES. BY
DR. BY E.H.E.
TR. BY
CH. BY

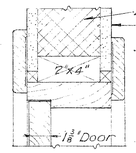
FILE NO. 4-7-4-6

TRANSFER DRAWING

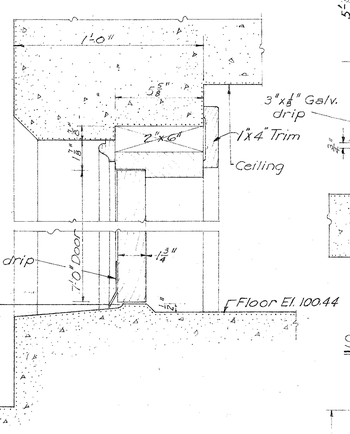
DENIS® No. 166 E.L.M., INC.



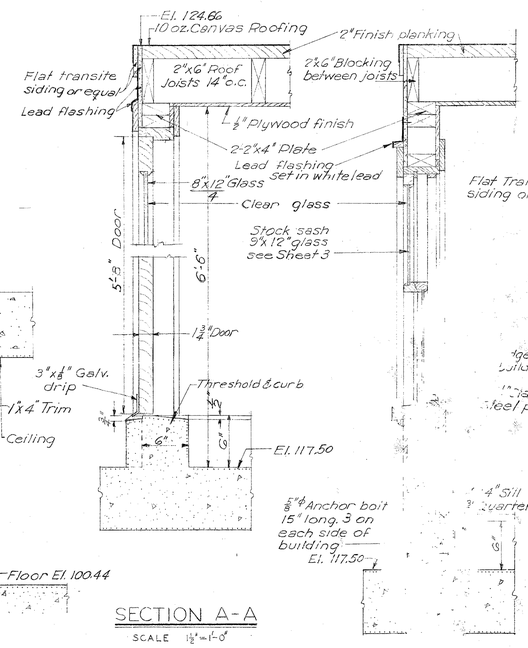
OBSERVATION WINDOW
CIRCULAR BAY
SCALE: 3" = 1'-0"



INTERIOR DOOR FRAME
SCALE 3" = 1'-0"

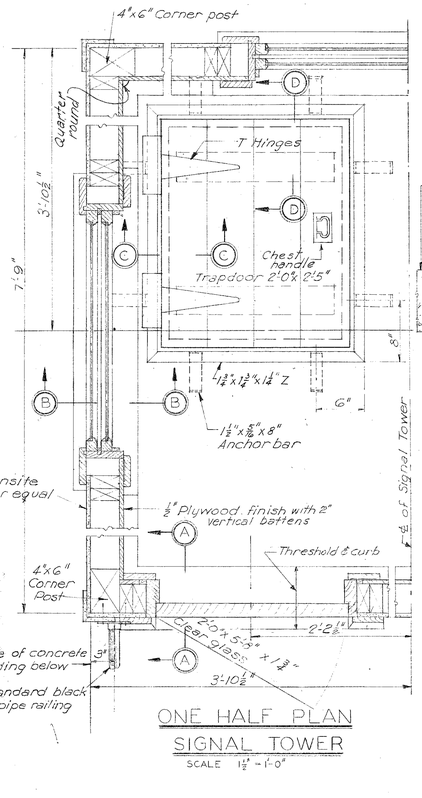


EXTERIOR DOOR FRAME
SCALE 3" = 1'-0"

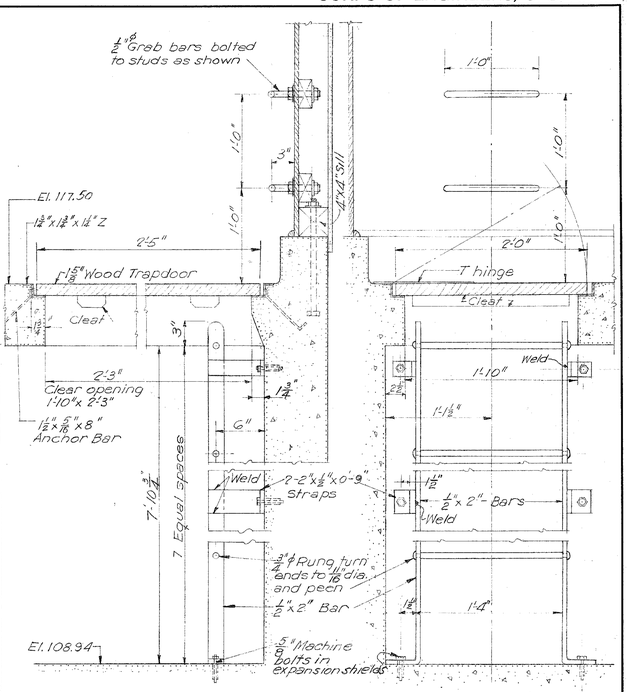


SECTION A-A
SCALE 1½" = 1'-0"

SECTION B-B
SCALE 1½" = 1'-0"



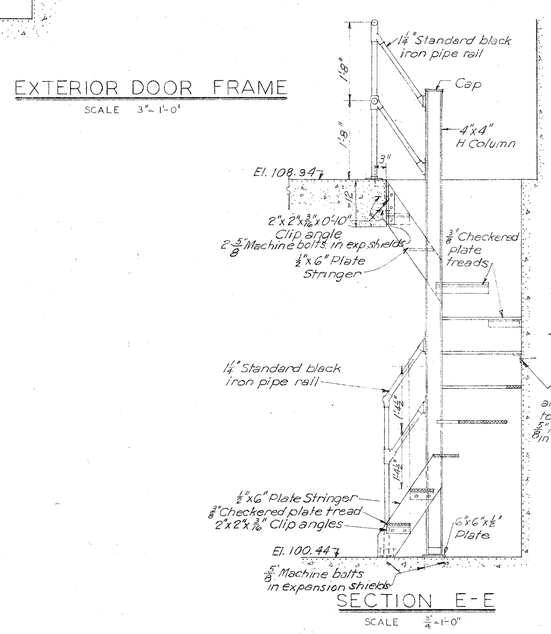
ONE HALF PLAN
SIGNAL TOWER
SCALE 1½" = 1'-0"



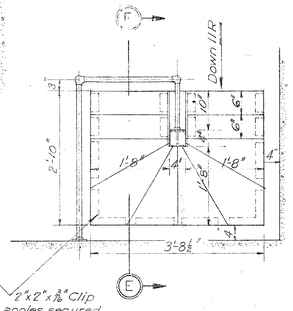
SECTION D-D
SCALE 1½" = 1'-0"

SECTION C-C
SCALE 1½" = 1'-0"

LADDER AND TRAPDOOR TO SIGNAL TOWER



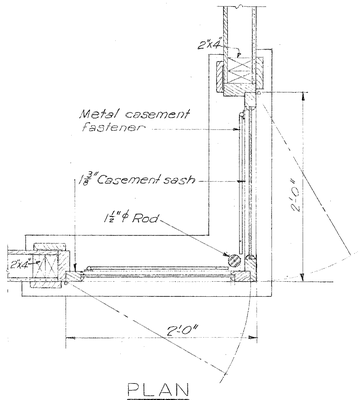
SECTION E-E
SCALE ¾" = 1'-0"



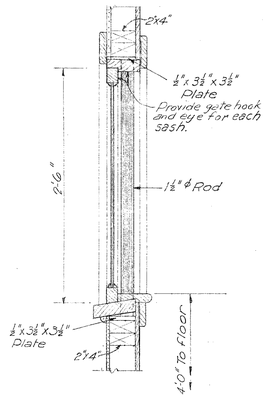
PLAN
SCALE ¾" = 1'-0"

2"x2"x⅜" Clip angles secured to concrete with ⅝" Machine bolts in expansion shields

STAIR DETAIL



PLAN



SECTION

CASEMENT SASH - SIGNAL TOWER
SCALE 1½" = 1'-0"

DATE	REV. NO.	REVISION	REV. BY	AP. BY	DOC. NO.
2-24-44	3	Final Field Changes	J.M.T.	J.M.G.	
2-7-42	2	Dimensions 4'-3¾" to 4'-4¾"			
		1'-11" to 1'-8" — 1'-3¾" to 1'-5¼"	A.O.B.	J.N.G.	
2-3-42	1	Minor revisions	A.O.B.	J.N.G.	

HARBOR DEFENSES OF BOSTON
CONCRETE BUILDING
FORT DAWES, BOSTON, MASS
DETAILS

IN 9 SHEETS SHEET NO. 4 SCALES AS SHOWN

U.S. ENGINEER OFFICE, BOSTON, MASS. JANUARY , 1942.

APPROVAL RECOMMENDED: Lester E. Miller
CHIEF, DEFENSE AND FLOOD CONTROL SUBDIVISION

APPROVED: J. Wallace Wm
LT. COLONEL, CORPS OF ENGINEERS
DISTRICT ENGINEER

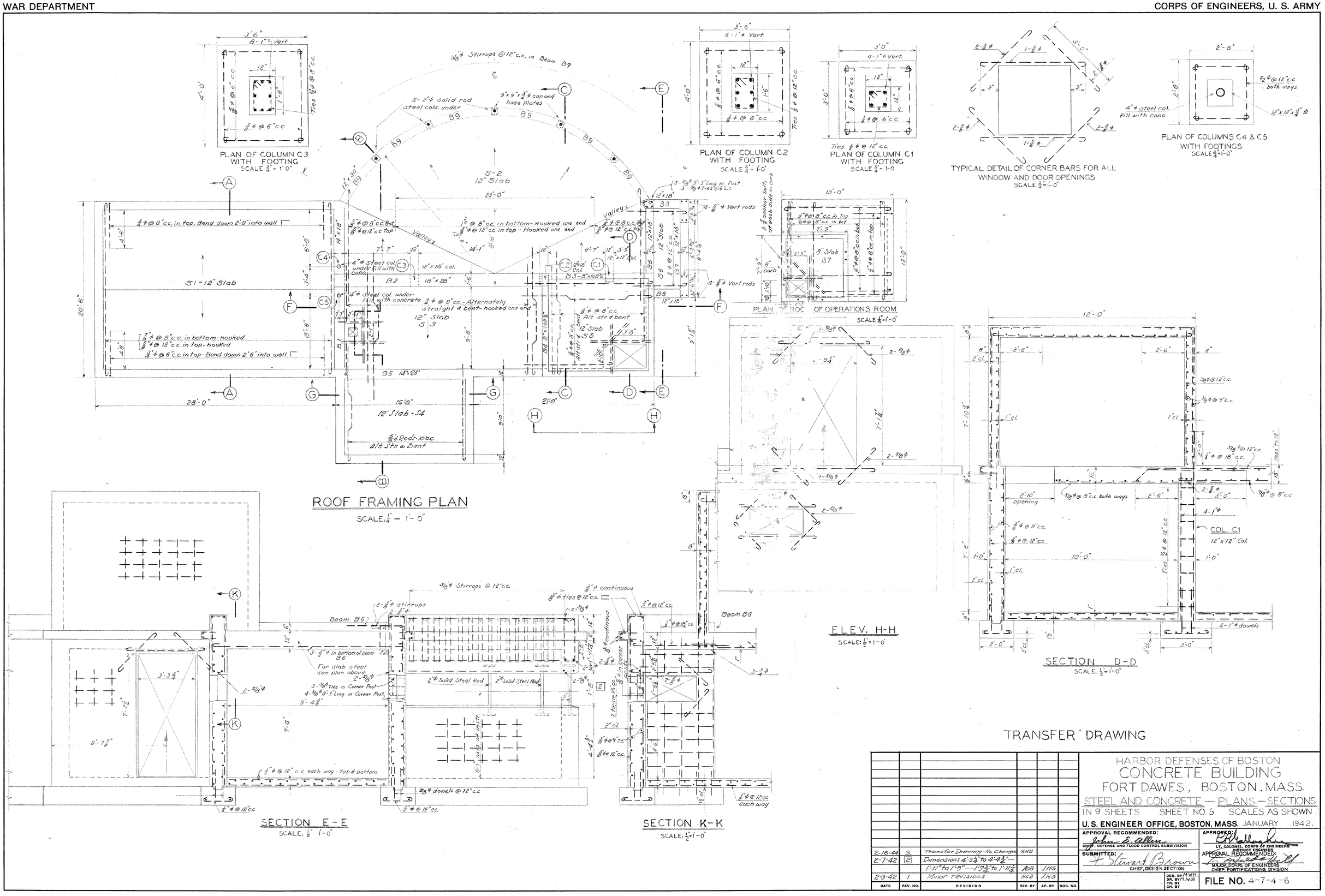
SUBMITTED: F. Stewart Brown
CHIEF, DESIGN SECTION

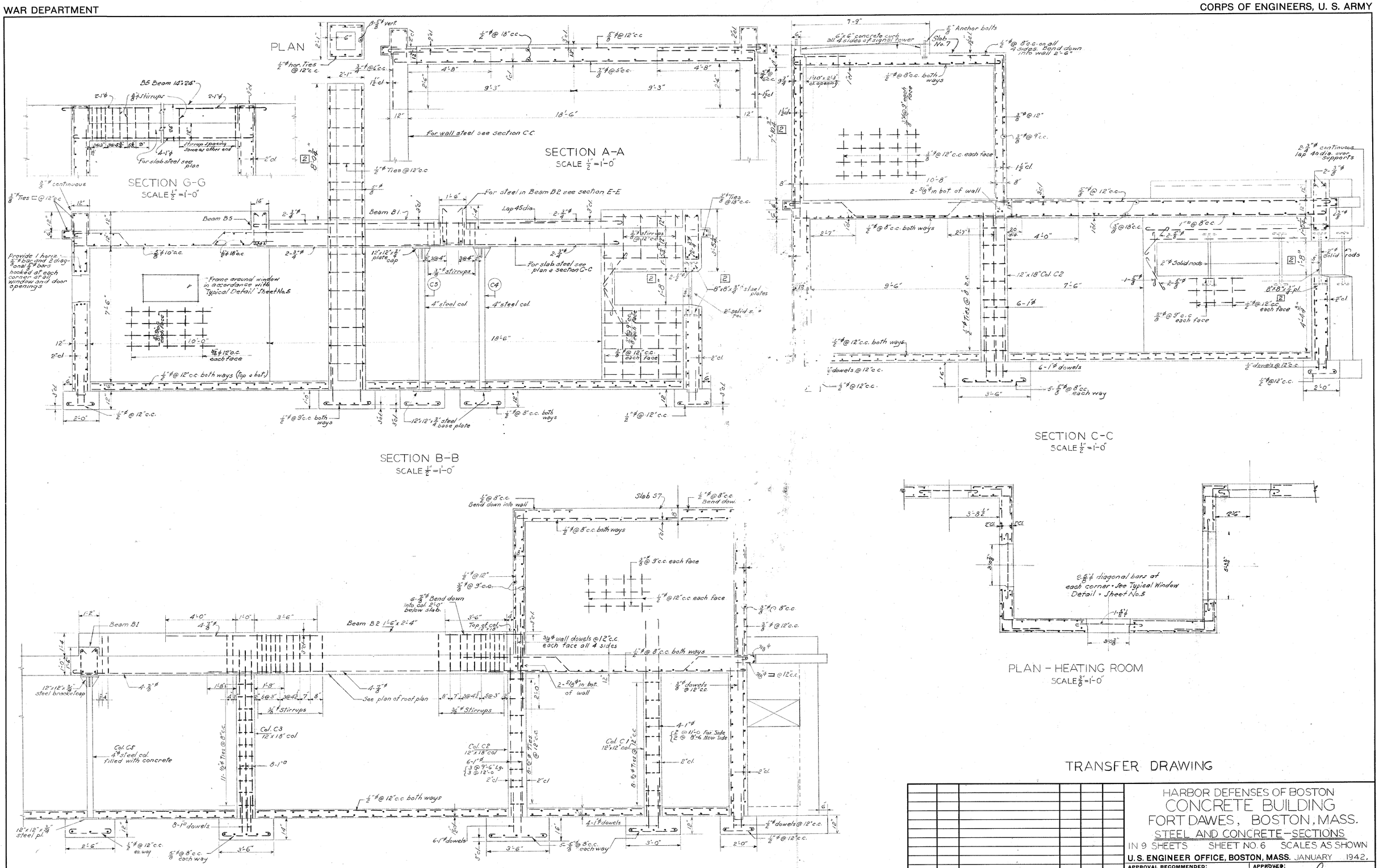
APPROVAL RECOMMENDED: Charles Hall
MAJOR CORPS OF ENGINEERS
CHIEF, FORTIFICATIONS DIVISION

DES. BY
DR. BY L.H.M.
TR. BY
CH. BY

FILE NO. 4-7-4-6

TRANSFER DRAWING


PLAN OF COLUMN C3 WITH FOOTING
SCALE 3/4" = 1'-0"
PLAN OF COLUMN C2 WITH FOOTING
SCALE 3/4" = 1'-0"
PLAN OF COLUMN C1 WITH FOOTING
SCALE 3/4" = 1'-0"
TYPICAL DETAIL OF CORNER BARS FOR ALL WINDOW AND DOOR OPENINGS
SCALE 3/4" = 1'-0"
PLAN OF COLUMNS C4 & C5 WITH FOOTINGS
SCALE 3/4" = 1'-0"
ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"
PLAN OF OPERATIONS ROOM
SCALE 1/4" = 1'-0"
ELEV. H-H
SCALE: 1/2" = 1'-0"
SECTION D-D
SCALE: 1/2" = 1'-0"
SECTION E-E
SCALE: 1/2" = 1'-0"
SECTION K-K
SCALE: 1/2" = 1'-0"
TRANSFER DRAWING
HARBOR DEFENSES OF BOSTON
CONCRETE BUILDING
FORT DAWES, BOSTON, MASS.
STEEL AND CONCRETE — PLANS — SECTIONS
IN 9 SHEETS SHEET NO. 5 SCALES AS SHOWN
U.S. ENGINEER OFFICE, BOSTON, MASS. JANUARY 1942.
APPROVAL RECOMMENDED:
CHIEF, DEFENSE AND FLOOD CONTROL SUBDIVISION
APPROVED:
LT. COLONEL, CORPS OF ENGINEERS
DISTRICT ENGINEER
SUBMITTED:
CHIEF, DESIGN SECTION
APPROVAL RECOMMENDED:
MAJOR, CORPS OF ENGINEERS
CHIEF, FORTIFICATIONS DIVISION
DATE
REV. NO.
REVISION
REV. BY
AP. BY
DOC. NO.
2-16-44 3 Transfer Drawing - No Changes RHB
2-7-42 2 Dimensions 4'-3 1/2" to 4'-4 1/2" — 1'-11" to 1'-8" — 1'-9 3/4" to 1'-11 1/2" ABB JNG
2-3-42 1 Minor revisions ABB JNG
DES. BY M.W.H.
DR. BY M.W.H.
TR. BY
CH. BY
FILE NO. 4-7-4-6


PLAN
SECTION G-G
SCALE 1/2" = 1'-0"
SECTION A-A
SCALE 1/2" = 1'-0"
SECTION B-B
SCALE 1/2" = 1'-0"
SECTION C-C
SCALE 1/2" = 1'-0"
PLAN - HEATING ROOM
SCALE 3/8" = 1'-0"
SECTION F-F
SCALE 1/2" = 1'-0"
TRANSFER DRAWING
HARBOR DEFENSES OF BOSTON
CONCRETE BUILDING
FORT DAWES, BOSTON, MASS.
STEEL AND CONCRETE - SECTIONS
IN 9 SHEETS SHEET NO. 6 SCALES AS SHOWN
U.S. ENGINEER OFFICE, BOSTON, MASS. JANUARY 1942.
APPROVAL RECOMMENDED:
CHIEF, DEFENSE AND FLOOD CONTROL SUBDIVISION
SUBMITTED:
CHIEF, DESIGN SECTION
APPROVED:
LIEUTENANT COLONEL, CORPS OF ENGINEERS
DISTRICT ENGINEER
APPROVAL RECOMMENDED:
MAJOR, CORPS OF ENGINEERS
CHIEF, FORTIFICATIONS DIVISION
DES. BY M.W.H.
DR. BY M.W.H.
TR. BY
CH. BY
FILE NO. 4-7-4-6
DATE | REV. NO. | REVISION | REV. BY | AP. BY | DOC. NO.
2-16-44 | 3 | Transfer Drawing No. Changes | RHB
2-7-42 | 2 | 9'x9'x 1/2" PL to 8'x8'x 1/2" PL
Dimensions 4'-3 1/4" to 4'-4 1/2"
1'-11" to 1'-8" — 1'-3 3/4" to 1'-3 1/4" | AOB | JNG
2-3-42 | 1 | Minor revisions | AOB | JNG