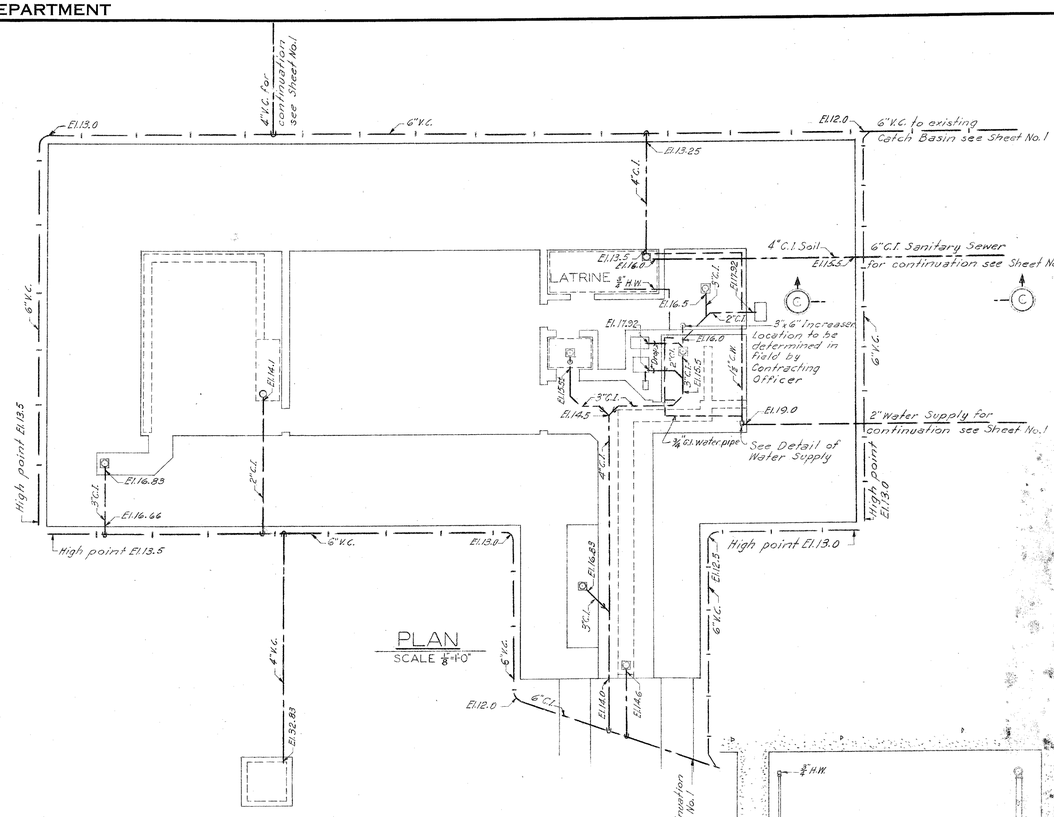
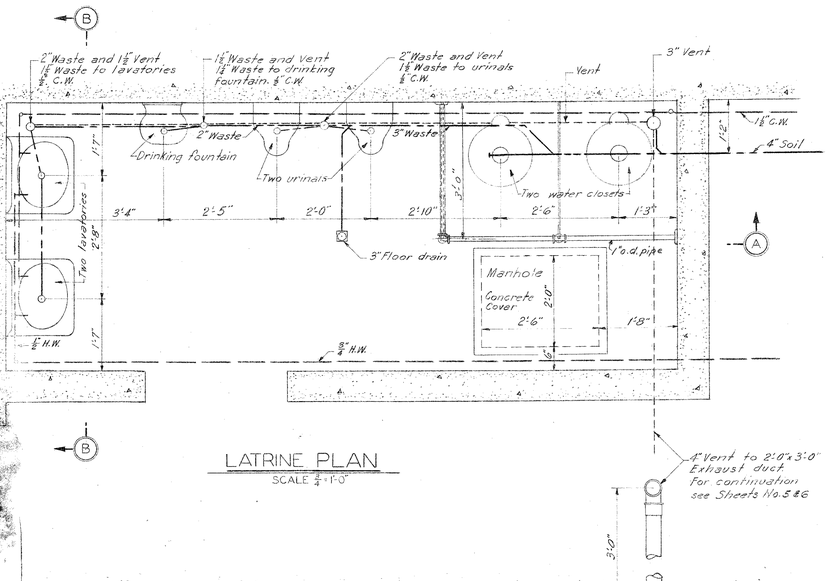
WAR DEPARTMENT

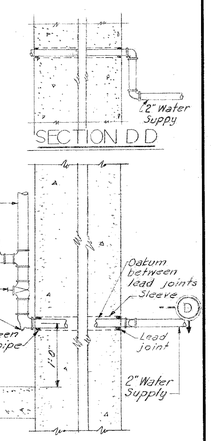
CORPS OF ENGINEERS, U. S. ARMY



PLAN
SCALE 1/8"=1'-0"



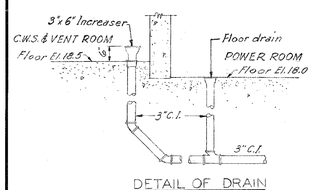
LATRINE PLAN
SCALE 1/4"=1'-0"



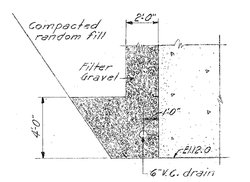
SECTION D D

DETAIL OF WATER SUPPLY
SCALE 1"=1'-0"

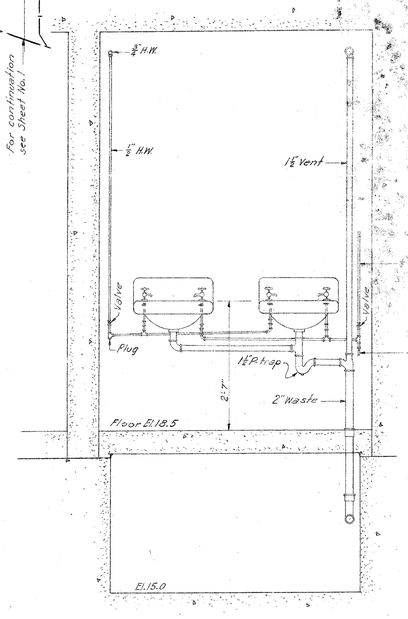
Note:
All water pipes covered with insulation.



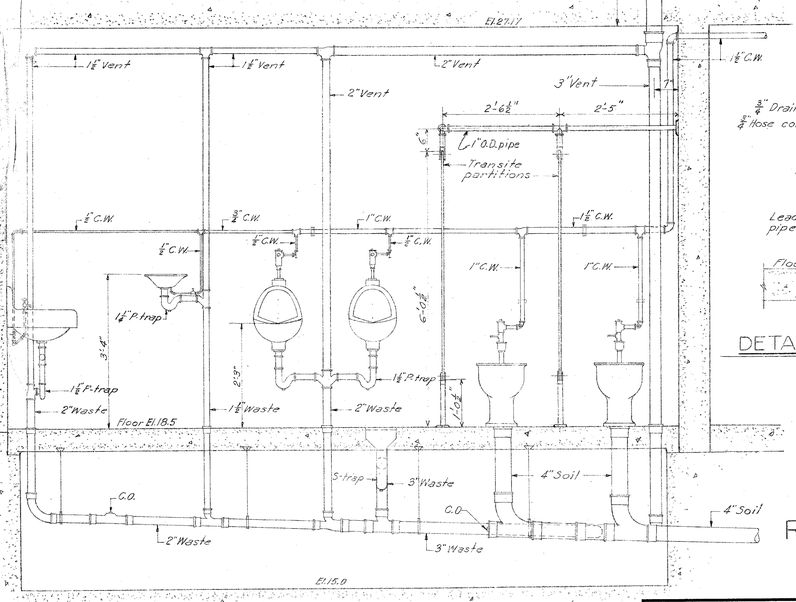
DETAIL OF DRAIN IN C.W.S. ROOM



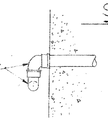
TYPICAL DETAIL OF WALL DRAIN
SCALE 1/4"=1'-0"



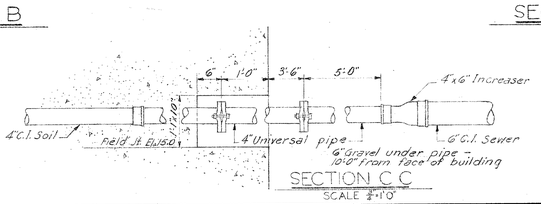
SECTION B B
SCALE 3/4"=1'-0"



SECTION A A
SCALE 3/4"=1'-0"



PLAN VIEW
TYPICAL DRAINAGE JOINT AT BUILDING LINE
SCALE 3/4"=1'-0"



SECTION C C
SCALE 3/4"=1'-0"

LEGEND

- Symbol for Zurn side outlet floor drain, type 565 or equal connected to drainage system with 2" C.I. pipe.
- Symbol for Josam drain with trap and back water valve, type 750 A or equal connected to drainage system with 3" C.I. pipe.
- Symbol for Zurn plain floor drain, type 550 or equal connected to drainage system with 3" C.I. pipe.
- Open joint drainage line
- Closed joint drainage line
- Sanitary sewer line
- C.W. - Cold water line
- H.W. - Hot water line
- Vent line

Notes
See General Notes on Sheet No.5
Additional drainage if required by field conditions may be installed subject to approval of Contracting Officer.
Elevations of drainage refer to invert unless otherwise noted.
Provide sleeves in concrete walls for water pipes.
Water and vent pipes shall be installed close to ceiling
Hangers on soil pipe shall not be over 5'-0" apart.
Hangers on water pipe shall not be over 9'-0" apart.

NO.	CHARACTER	DATE	BY
2	Final field changes for Record Drawing	1-15-45	Rem
1	Detail of Water Supply	5/1/43	PAM
	Revised; Section DD added		

REVISIONS

6/29/47

RECORD DRAWING

CONFIDENTIAL

HARBOR DEFENSES OF BOSTON

BATTERY NO. 195

PLOTTING ROOM

DRAINAGE, PLUMBING, SEWERAGE AND WATER LAYOUTS

PLANS AND SECTIONS

IN 20 SHEETS SHEET NO. 4 SCALE AS SHOWN

U. S. ENGINEER OFFICE, BOSTON, MASS. APRIL, 1943

APPROVAL RECOMMENDED: John E. Allen, CHIEF, ENGINEERING DIVISION

SUBMITTED: S. P. Brown, CHIEF, DESIGN SECTION, SR. ENGINEER

Peter A. Gaudette, ASSOCIATE ENGINEER

DES. BY / DR. BY JVR / TR. BY / CH. BY JCGBS

APPROVED: G. W. Gillette, COLONEL, CORPS OF ENGINEERS, DISTRICT ENGINEER

FILE NO. 4-7-4-18/4

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