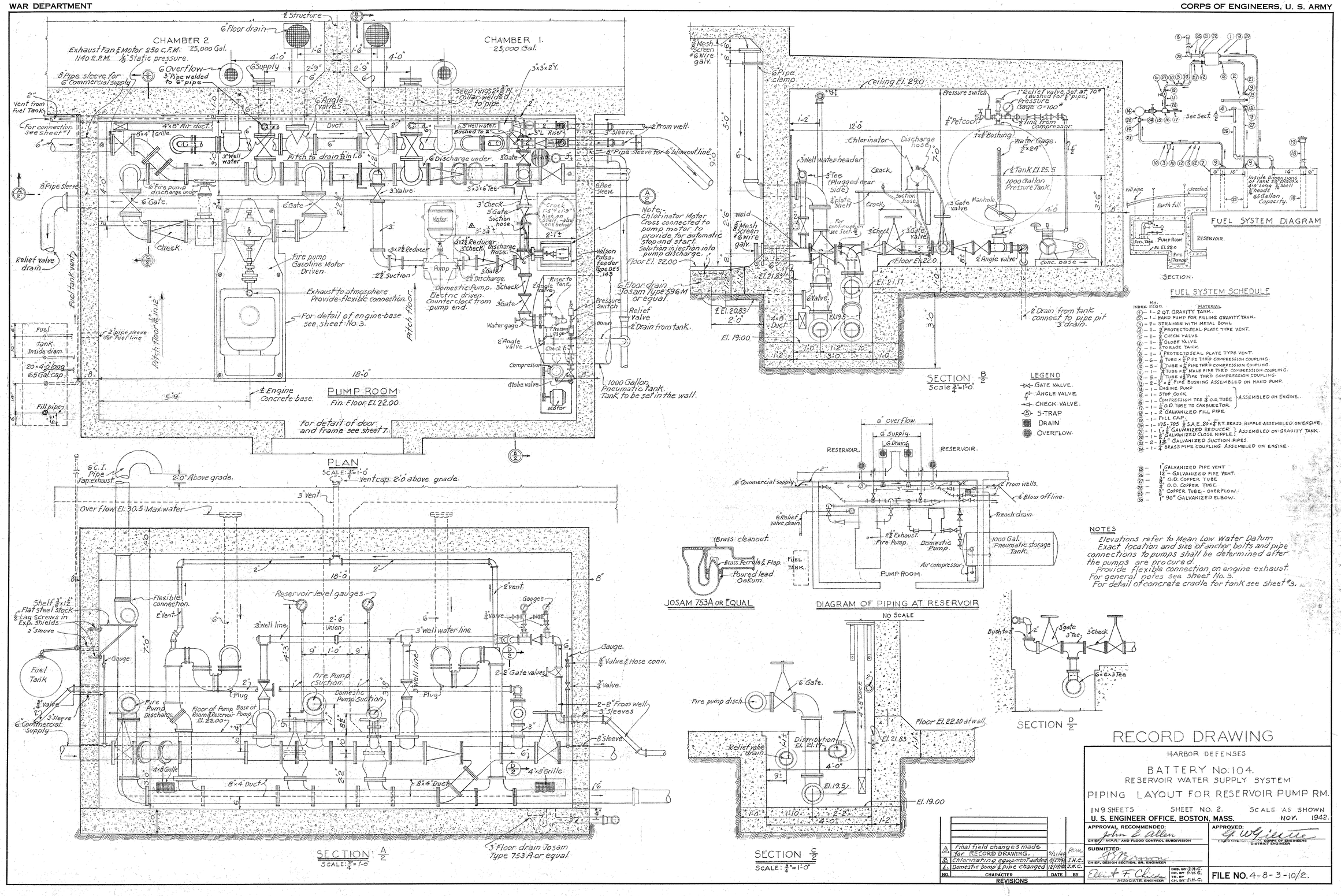
CHAMBER 2
25,000 Gal.
CHAMBER 1.
25,000 Gal.
Exhaust Fan & Motor 250 C.F.M. 1140 R.P.M. ⅛" Static pressure.
PUMP ROOM
Fin. Floor El. 22.00
PLAN
SCALE: ¾"=1'-0"
SECTION A/2
SECTION B/2
Scale ¾"=1'-0"
SECTION C/2
SCALE: ¾"=1'-0"
SECTION D/2
JOSAM 753A OR EQUAL
DIAGRAM OF PIPING AT RESERVOIR
NO SCALE
FUEL SYSTEM DIAGRAM
SECTION
FUEL SYSTEM SCHEDULE
INDEX. NO. REQ'D. MATERIAL
1 - 2 QT. GRAVITY TANK.
1 - HAND PUMP FOR FILLING GRAVITY TANK.
2 - STRAINER WITH METAL BOWL
1 - ¾" PROTECTOSEAL PLATE TYPE VENT.
1 - ¾" CHECK VALVE
1 - ¾" GLOBE VALVE.
1 - STORAGE TANK.
1 - 1" PROTECTOSEAL PLATE TYPE VENT.
6 - ¾" TUBE x ¾" PIPE THRD COMPRESSION COUPLING.
5 - ¾" TUBE x ¼" PIPE THRD COMPRESSION COUPLING.
1 - ¼" TUBE x ¼" MALE PIPE THRD COMPRESSION COUPLING.
5 - ¼" TUBE x ¼" PIPE THRD COMPRESSION COUPLING.
2 - ¾" x ¼" PIPE BUSHING ASSEMBLED ON HAND PUMP.
1 - ENGINE PUMP
1 - STOP COCK
1 - COMPRESSION TEE ¼" O.D. TUBE
1 - ¼" O.D. TUBE TO CARBURETOR.
ASSEMBLED ON ENGINE.
1 - 2" GALVANIZED FILL PIPE
1 - FILL CAP.
1 - 175-705 ¾" S.A.E. 20 x ¾" P.T. BRASS NIPPLE ASSEMBLED ON ENGINE.
1 - 1" x ¾" GALVANIZED REDUCER.
1 - ¾" GALVANIZED CLOSE NIPPLE.
ASSEMBLED ON GRAVITY TANK.
2 - 1¼" GALVANIZED SUCTION PIPES.
1 - ¼" BRASS PIPE COUPLING ASSEMBLED ON ENGINE.
1" GALVANIZED PIPE VENT
1¼" - GALVANIZED PIPE VENT.
¾" O.D. COPPER TUBE
¼" O.D. COPPER TUBE
¾" COPPER TUBE - OVERFLOW
1" 90° GALVANIZED ELBOW.
LEGEND
GATE VALVE.
ANGLE VALVE.
CHECK VALVE.
S-TRAP
DRAIN
OVERFLOW.
NOTES
Elevations refer to Mean Low Water Datum
Exact location and size of anchor bolts and pipe connections to pumps shall be determined after the pumps are procured.
Provide flexible connection on engine exhaust.
For general notes see Sheet No. 3.
For detail of concrete cradle for tank see sheet #3.
RECORD DRAWING
HARBOR DEFENSES
BATTERY No. 104.
RESERVOIR WATER SUPPLY SYSTEM
PIPING LAYOUT FOR RESERVOIR PUMP RM.
IN 9 SHEETS
SHEET NO. 2.
SCALE AS SHOWN
U. S. ENGINEER OFFICE, BOSTON, MASS.
NOV. 1942.
APPROVAL RECOMMENDED:
CHIEF, WAR AND FLOOD CONTROL SUBDIVISION
SUBMITTED:
CHIEF, DESIGN SECTION, SR. ENGINEER
ASSOCIATE ENGINEER
APPROVED:
COL. CORPS OF ENGINEERS
DISTRICT ENGINEER
DES. BY J.H.C.
DR. BY P.W.G.
TR. BY
CH. BY J.H.C.
FILE NO. 4-8-3-10/2.
NO. CHARACTER DATE BY
REVISIONS
Final field changes made
For RECORD DRAWING.
Chlorinating equipment added
Domestic pump & pipe changed