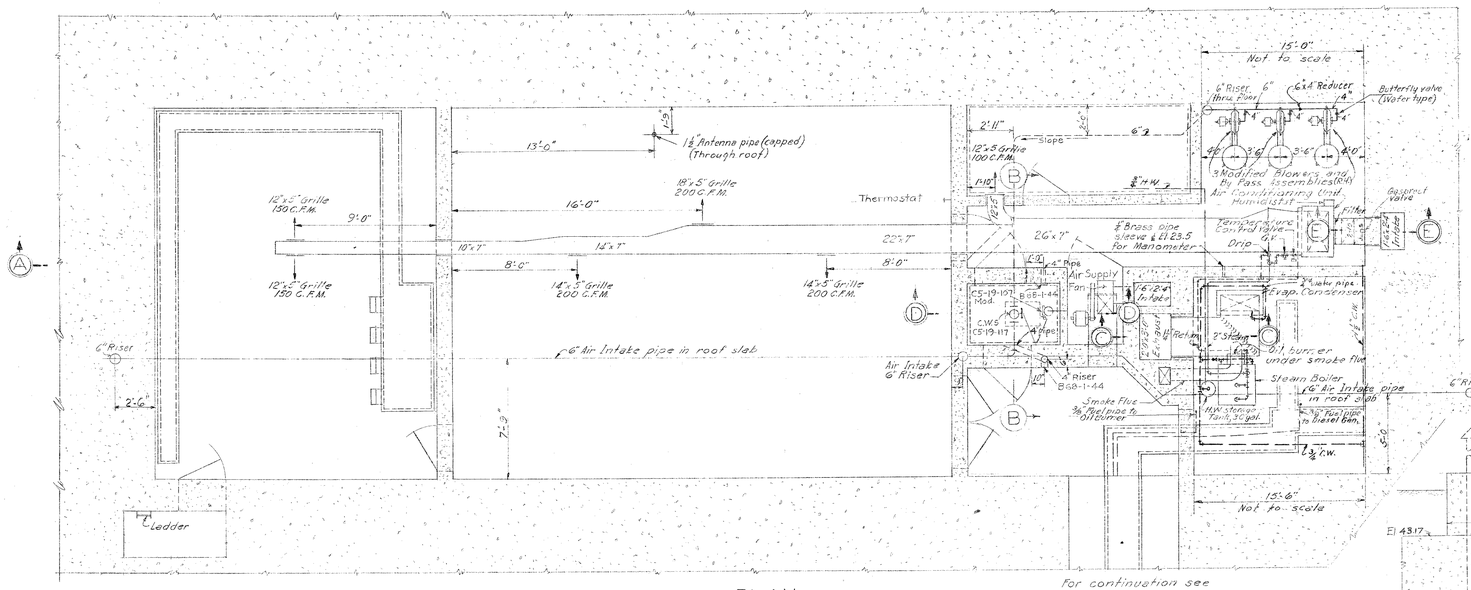
WAR DEPARTMENT

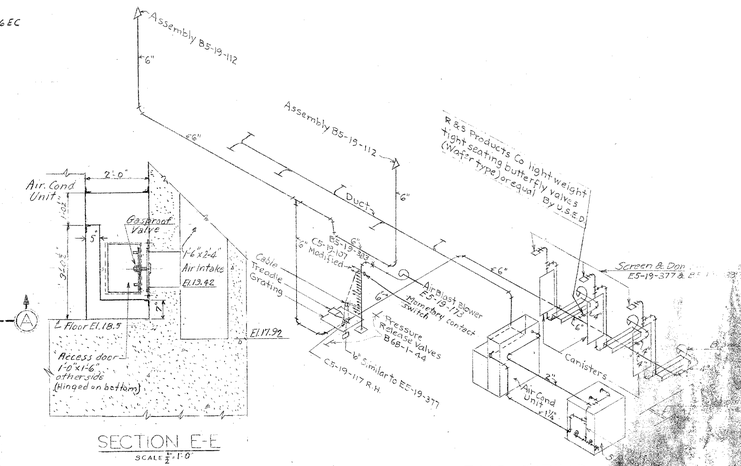
CORPS OF ENGINEERS, U. S. ARMY

Note:
Evaporative Condenser is Fairbanks Morse Co. F.E.C.-300-7603
Steam Boiler is American Radiator and Std. Sanitary Corp. No. B5 Series No. 18J3
oil fired, 480 # steam
Oil burner is Airoflame.
Air Conditioning Unit is Fairbanks Morse. Model SCH36EC
Serial No. 531.



PLAN
Scale 1/4" = 1'-0"

For continuation see
PLAN OF OIL STORAGE TANKS

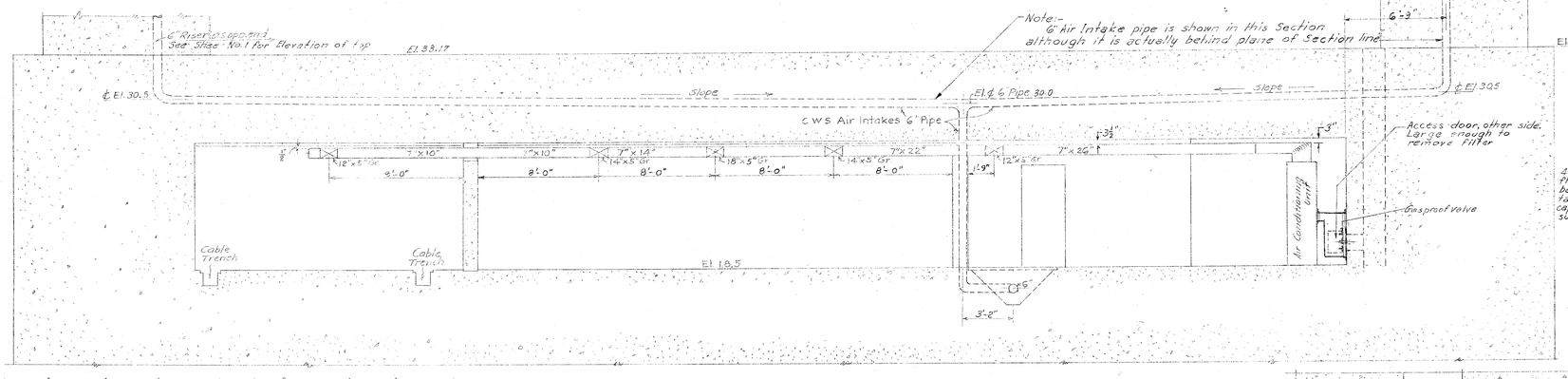


SECTION E-E
SCALE 1/2" = 1'-0"

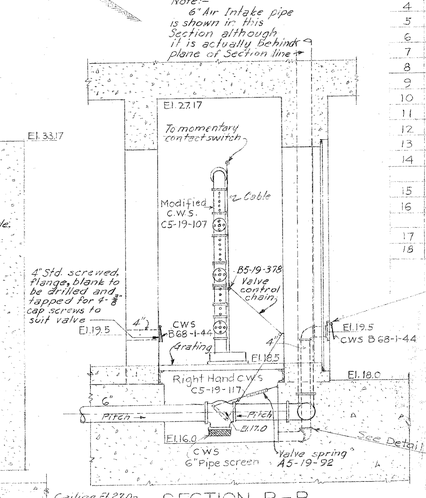
SCHEMATIC DIAGRAM OF GASPROOFING PIPING

Note: The material li
or U.S.E.D. All other mater

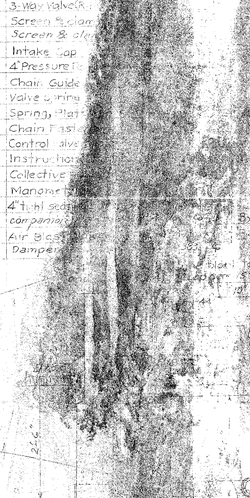
ITEM NO.	DESCRIPTIO
2	Modified Blowe Assembly
3	Air Blast (Mod
4	3-Way Valve(R
5	Screen & clam
6	Screen & clam
7	Intake Cap
8	4" Pressure
9	Chain Guide
10	Valve spring
11	Spring, Plat
12	Chain Fast
13	Control alve
14	Instruction
	Collective
15	Manomet
16	4" Tubl scal companio
17	Air Blast
18	Damper



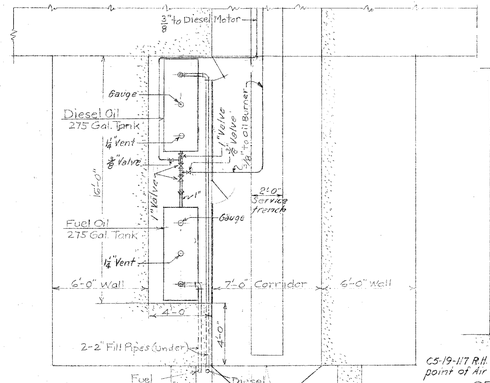
SECTION A-A
Scale 1/4" = 1'-0"



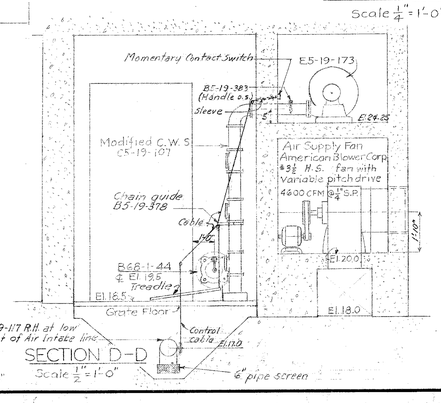
SECTION B-B
Scale 1/2" = 1'-0"



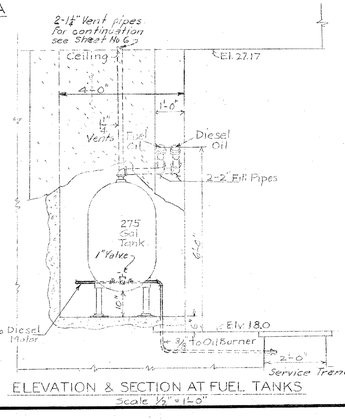
SECTION ... ELEVATION
DETAIL OF 4" PRESSURE RELEASE VALVE



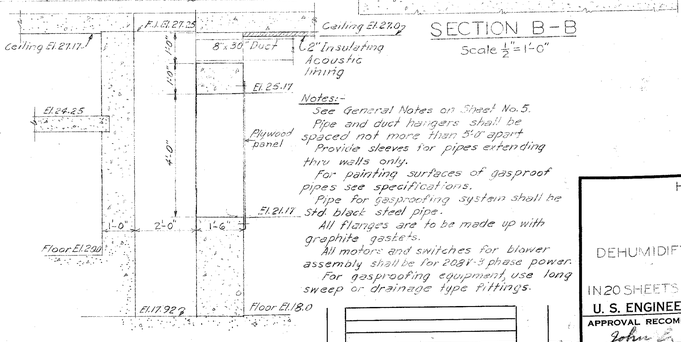
PLAN OF OIL STORAGE TANKS Scale 1/4" = 1'-0"



SECTION D-D
Scale 1/2" = 1'-0"



ELEVATION & SECTION AT FUEL TANKS
Scale 1/2" = 1'-0"



SECTION C-C
Scale 1/2" = 1'-0"

Notes:-
See General Notes on Sheet No. 5.
Pipe and duct hangers shall be spaced not more than 5'-0" apart.
Provide sleeves for pipes extending thru walls only.
For painting surfaces of gasproof pipes see specification.
Pipe for gasproofing system shall be std black steel pipe.
All flanges are to be made up with graphite gaskets.
All motors and switches for blower assembly shall be for 208V-3 phase power.
For gasproofing equipment, use long sweep or drainage type fittings.

NO.	CHARACTER	DATE	BY
	REVISIONS		
4	Final Revisions made for RECORD DRAWING	1-15-45	P.A.M.
3	Note removed	7/3/43	P.A.M.
2	One B5-19-383 added	4/13/43	P.A.M.
1	Spare canisters omitted from Bill of Material.	5/6/43	P.A.M.

HARBOR DEFENSES OF BOSTON
BATTERY NO. 105
PLOTTING ROOM
DEHUMIDIFYING AND GASPROOFING SYSTEMS
PLAN AND SECTIONS
IN 20 SHEETS SHEET NO. 14 SCALES AS NOTED
U. S. ENGINEER OFFICE, BOSTON, MASS. APRIL 1943

APPROVAL RECOMMENDED: John E. Allen, CHIEF, ENGINEERING DIVISION
APPROVED: G. W. Wettle, COLONEL, CORPS OF ENGINEERS, DISTRICT ENGINEER
SUBMITTED: P. B. Brown, CHIEF, DESIGN SECTION, BR. ENGINEER
Peter G. Murphy, ASSOCIATE ENGINEER
DES. BY, DR. BY G.B. J.M.R., TR. BY, CH. BY R.J.S.
FILE NO. 4-7-4-18/14

RECORD DRAWING

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