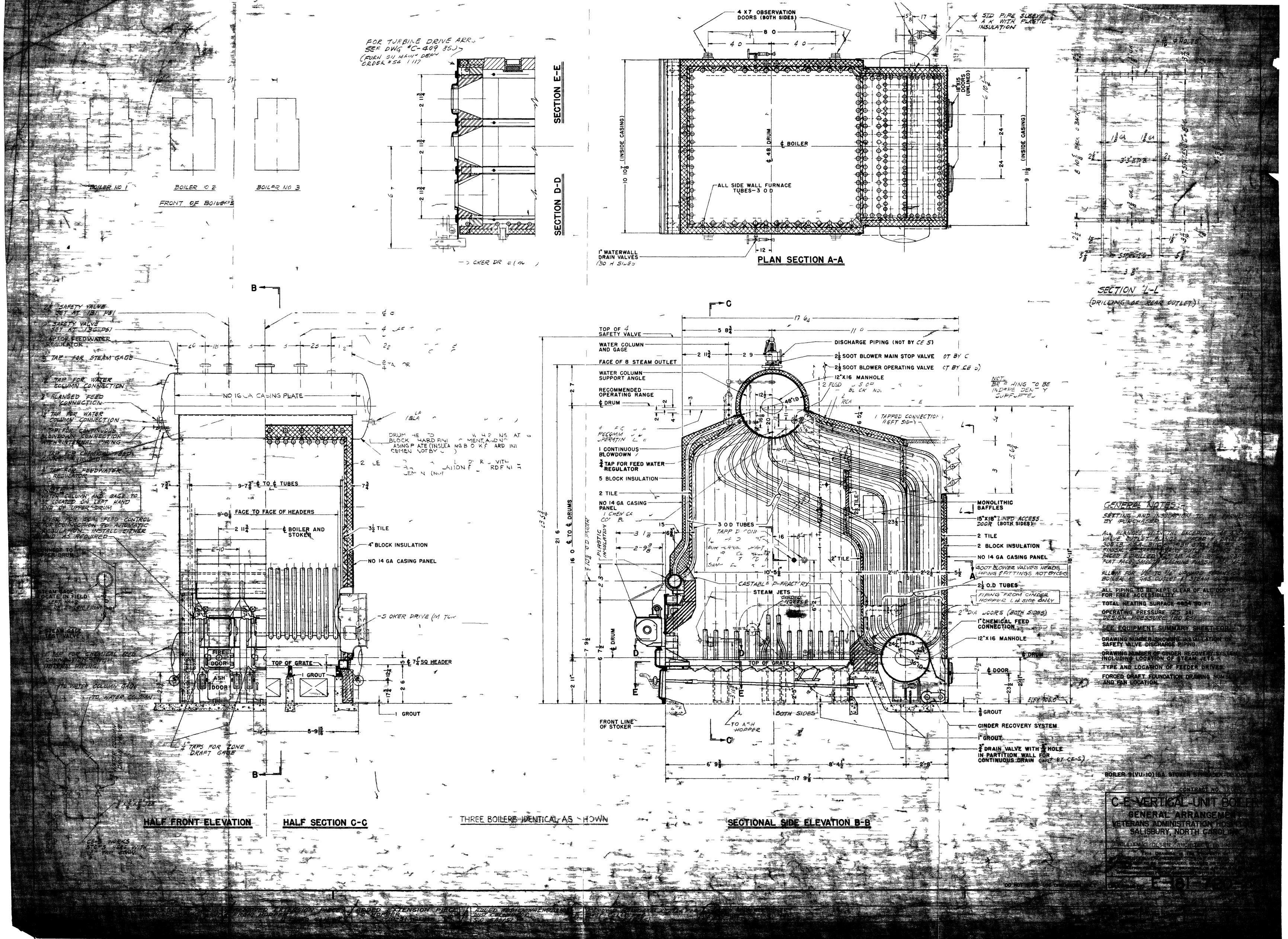
BOILER NO 1
BOILER NO 2
BOILER NO 3
FRONT OF BOILERS
SECTION E-E
SECTION D-D
4 X 7 OBSERVATION DOORS (BOTH SIDES)
4 STD PIPE SLEEVES A K WITH PLASTIC INSULATION
℄ BOILER
℄ 48" DRUM
ALL SIDE WALL FURNACE TUBES-3 O D
10 10⅞ (INSIDE CASING)
9 11⅛ (INSIDE CASING)
1" WATERWALL DRAIN VALVES
PLAN SECTION A-A
SECTION L-L
(DRILLING OF REAR OUTLET)
NO 16 GA CASING PLATE
9-7⅞ ℄ TO ℄ TUBES
FACE TO FACE OF HEADERS
℄ BOILER AND STOKER
3½ TILE
4" BLOCK INSULATION
NO 14 GA CASING PANEL
TOP OF GRATE
1 GROUT
℄ 7¼" SQ HEADER
FIRE DOOR
ASH DOOR
HALF FRONT ELEVATION
HALF SECTION C-C
THREE BOILERS IDENTICAL AS SHOWN
TOP OF 4 SAFETY VALVE
WATER COLUMN AND GAGE
FACE OF 8 STEAM OUTLET
WATER COLUMN SUPPORT ANGLE
RECOMMENDED OPERATING RANGE
℄ DRUM
1 CONTINUOUS BLOWDOWN
¾ TAP FOR FEED WATER REGULATOR
5 BLOCK INSULATION
2 TILE
NO 14 GA CASING PANEL
3 O D TUBES
CASTABLE REFRACTORY
STEAM JETS
TOP OF GRATE
FRONT LINE OF STOKER
TO ASH HOPPER
BOTH SIDES
DISCHARGE PIPING (NOT BY CE S)
2½ SOOT BLOWER MAIN STOP VALVE
2½ SOOT BLOWER OPERATING VALVE
12"X16 MANHOLE
1 TAPPED CONNECTION (LEFT SIDE)
MONOLITHIC BAFFLES
15"X18" LINED ACCESS DOOR (BOTH SIDES)
2 TILE
2 BLOCK INSULATION
NO 14 GA CASING PANEL
SOOT BLOWER VALVES HEADS, PIPING & FITTINGS NOT SHOWN
2½ O.D TUBES
PIPING FROM CINDER HOPPER L H SIDE ONLY
2" DIA DOORS (BOTH SIDES)
1" CHEMICAL FEED CONNECTION
12"X16 MANHOLE
℄ DRUM
℄ DOOR
FIRE SIDE
⅜ GROUT
CINDER RECOVERY SYSTEM
1" GROUT
¾ DRAIN VALVE WITH ⅜ HOLE IN PARTITION WALL FOR CONTINUOUS DRAIN
SECTIONAL SIDE ELEVATION B-B
GENERAL NOTES:
SETTING AND INSULATION TO BE FRONT BY PURCHASER
ALL PIPING TO BE KEPT CLEAR OF ALL DOORS FOR FREE ACCESSIBILITY
TOTAL HEATING SURFACE 4834 SQ FT.
OPERATING PRESSURE 125 LB
DESIGN PRESSURE 150 LB
SEE EQUIPMENT SUMMARY SHEET FOR
DRAWING NUMBER SHOWING INSTALLATION OF SAFETY VALVE DISCHARGE PIPING.
DRAWING NUMBER OF CINDER RECOVERY SYSTEM INCLUDING LOCATION OF STEAM JETS.
TYPE AND LOCATION OF FEEDER DRIVES.
FORCED DRAFT FOUNDATION DRAWING NUMBER AND FAN LOCATION.
C-E VERTICAL UNIT BOILER
GENERAL ARRANGEMENT
VETERANS ADMINISTRATION HOSPITAL
SALISBURY, NORTH CAROLINA