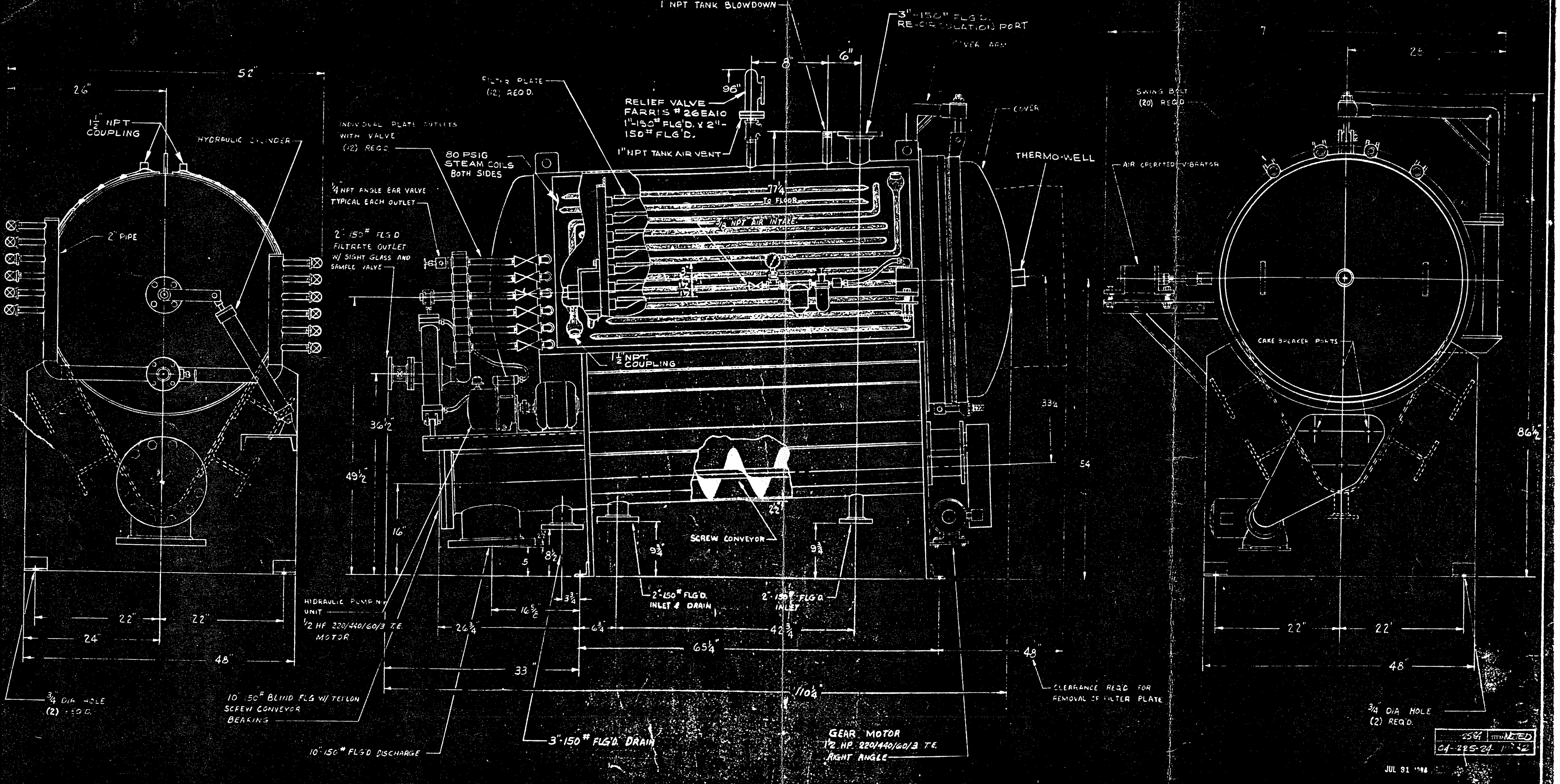
1" NPT TANK BLOWDOWN
3"-150# FLG'D. RE-CIRCULATION PORT
COVER ARM
52"
26"
1½ NPT COUPLING
HYDRAULIC CYLINDER
2" PIPE
INDIVIDUAL PLATE OUTLETS WITH VALVE (12) REQ'D
FILTER PLATE (12) REQ'D.
80 PSIG STEAM COILS BOTH SIDES
¼ NPT ANGLE EAR VALVE TYPICAL EACH OUTLET
2" 150# FLG'D FILTRATE OUTLET W/ SIGHT GLASS AND SAMPLE VALVE
8"
6"
96"
RELIEF VALVE FARRIS # 26EA10 1"-150# FLG'D. X 2"-150# FLG'D.
1" NPT TANK AIR VENT
77¼ TO FLOOR
3/8 NPT AIR INTAKE
1½ NPT COUPLING
COVER
THERMO-WELL
7
25
SWING BOLT (20) REQ'D
AIR OPERATED VIBRATOR
CAKE BREAKER PORTS
33¼
54
86½
36½
49½
16"
5
8½
3¾
16⅝
26¾
6¾
42¾
65¼
33
110¼
48
22½
9¾
9¾
SCREW CONVEYOR
2"-150# FLG'D. INLET & DRAIN
2"-150# FLG'D INLET
22"
22"
24"
48"
22"
22"
48"
¾ DIA HOLE (2) REQ'D.
¾ DIA HOLE (2) REQ'D.
HYDRAULIC PUMPING UNIT
½ HP 220/440/60/3 T.E. MOTOR
10" 150# BLIND FLG W/ TEFLON SCREW CONVEYOR BEARING
10" 150# FLG'D DISCHARGE
3"-150# FLG'D. DRAIN
GEAR MOTOR 1½ HP 220/440/60/3 T.E. RIGHT ANGLE
CLEARANCE REQ'D FOR REMOVAL OF FILTER PLATE

2584 ITEM NOTED
04-225-24 1 of 2

JUL 31 1984

WEIGHT EMPTY ~ 5,600# APPROX.
VOLUME ~ 560 GAL' APPROX.
WEIGHT FULL WATER ~ 10,270# APPROX.
TANK DESIGN PRESSURE ~ 75 PSIG
CF BRAUN ITEM # 24M-264 & 24M-265

PLATE No.	WIDTH	LENGTH
1 & 12	12"	48"
2 & 11	22¼"	"
3 & 10	27¾"	"
4 & 9	31½"	"
5 & 8	33¾"	"
6 & 7	34¾"	"

TOLERANCES: ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED SHALL BE HELD TO. ±.005 FOR DECIMALS [illegible] FOR FRACTIONS ±½° FOR DEGREES

REVISIONS	ECN	DATE	BY	CKD

MATERIAL

SPARKLER MANUFACTURING CO.
CONROE, TEXAS

HRC 10Q SN 16599 & 16600
DIMENSIONAL

DATE 3-7-64
DRAWN BY BED
DWG. NO. E-9737