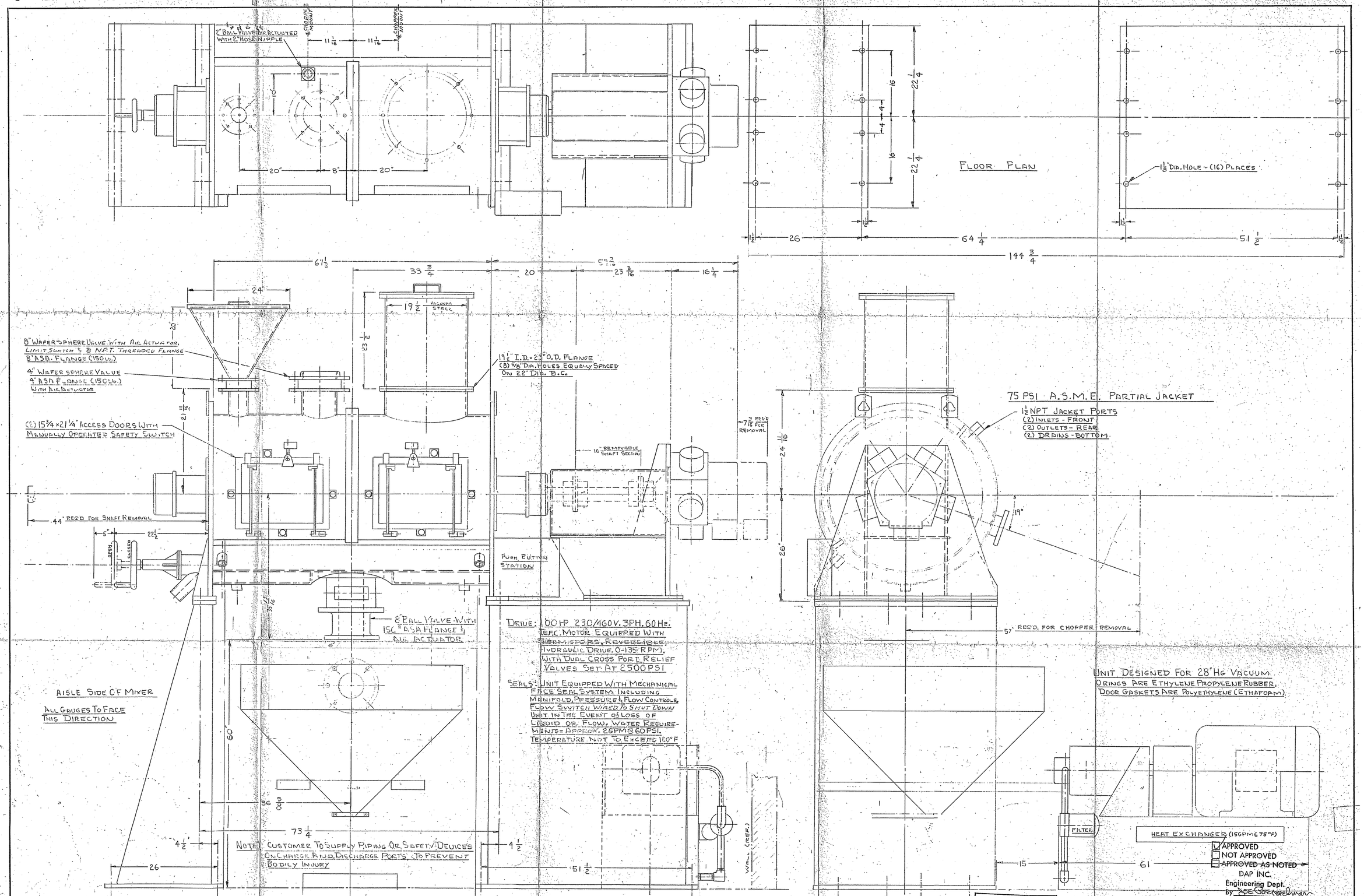

2" BALL VALVE AIR ACTUATED WITH 2" HOSE NIPPLE
CHOPPER MOUNT
FLOOR PLAN
1 1/8" DIA. HOLE ~ (16) PLACES
144 3/4
64 1/4
51 1/2
26
8" WAFER SPHERE VALVE WITH AIR ACTUATOR, LIMIT SWITCH & 8 N.P.T. THREADED FLANGE 8" ASA FLANGE (150 LB.)
4" WAFER SPHERE VALVE 4" ASA FLANGE (150 LB.) WITH AIR ACTUATOR
(2) 15 3/4 x 21 1/4" ACCESS DOORS WITH MANUALLY OPERATED SAFETY SWITCH
19 1/2" I.D. x 23" O.D. FLANGE (8) 5/8" DIA. HOLES EQUALLY SPACED ON 22" DIA. B.C.
VACUUM STACK
16" REMOVABLE SHAFT SECTION
7 3/16 REQ'D FOR REMOVAL
75 PSI A.S.M.E. PARTIAL JACKET
1 1/2 NPT JACKET PORTS
(2) INLETS - FRONT
(2) OUTLETS - REAR
(2) DRAINS - BOTTOM
44" REQ'D FOR SHAFT REMOVAL
PUSH BUTTON STATION
8" BALL VALVE WITH 150# ASA FLANGE & AIR ACTUATOR
DRIVE: 100 HP 230/460V. 3PH. 60 Hz. TEFC MOTOR EQUIPPED WITH THERMISTORS. REVERSIBLE HYDRAULIC DRIVE. 0-135 RPM. WITH DUAL CROSS PORT RELIEF VALVES SET AT 2500 PSI
SEALS: UNIT EQUIPPED WITH MECHANICAL FACE SEAL SYSTEM INCLUDING MANIFOLD, PRESSURE & FLOW CONTROLS. FLOW SWITCH WIRED TO SHUT DOWN UNIT IN THE EVENT OF LOSS OF LIQUID OR FLOW. WATER REQUIREMENTS = APPROX. 26 PM @ 60 PSI. TEMPERATURE NOT TO EXCEED 100°F
57" REQ'D. FOR CHOPPER REMOVAL
UNIT DESIGNED FOR 28" HG VACUUM
ORINGS ARE ETHYLENE PROPYLENE RUBBER.
DOOR GASKETS ARE POLYETHYLENE (ETHAFOAM).
AISLE SIDE OF MIXER
ALL GAUGES TO FACE THIS DIRECTION
NOTE: CUSTOMER TO SUPPLY PIPING OR SAFETY DEVICES ON CHARGE AND DISCHARGE PORTS TO PREVENT BODILY INJURY
WALL (REF.)
FILTER
HEAT EXCHANGER (15 GPM @ 75°F)
APPROVED
NOT APPROVED
APPROVED AS NOTED
DAP INC.
Engineering Dept.
By
Date 4-19-78
CERTIFIED FOR CONSTRUCTION LITTLEFORD BROS. INC. DATE 3/31/78 BY WJD
SEE 1976-P FOR VACUUM PUMP ASS'Y.
LITTLEFORD BROS., INC. CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL DISCLOSED HEREON. THIS DRAWING IS ISSUED FOR ENGINEERING INFORMATION ONLY AND MAY NOT BE USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM LITTLEFORD BROS., INC. TO THE USER.
LITTLEFORD Bros., Inc.
15 Empire Dr. Florence, Ky. 41042
FKM-1200E
DR. HJD
DATE 1-10-78
SCALE 3" = 1'-0"
1975-P
A REDRAWN 1-10-78 HJD
REV. DESCRIPTION DATE BY
ITEM PART NO. PART NAME REQ. WT. EACH
5 1975-P
TOLERANCES UNLESS SPECIFIED
FABRICATED MACHINED
FRACTION ± 1/32 ± 1/64
ANGULAR ± 1/2° ± 1/4°