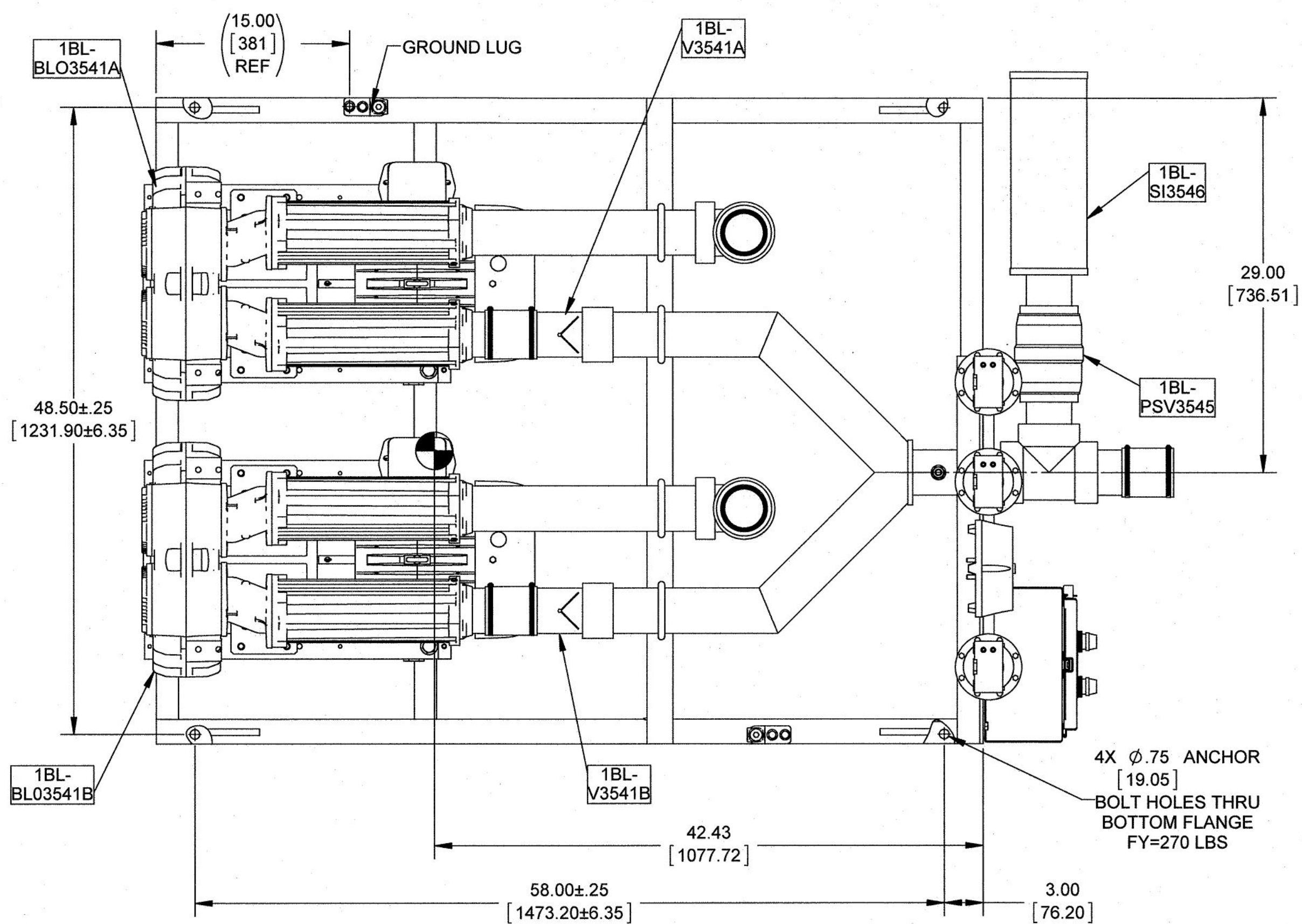
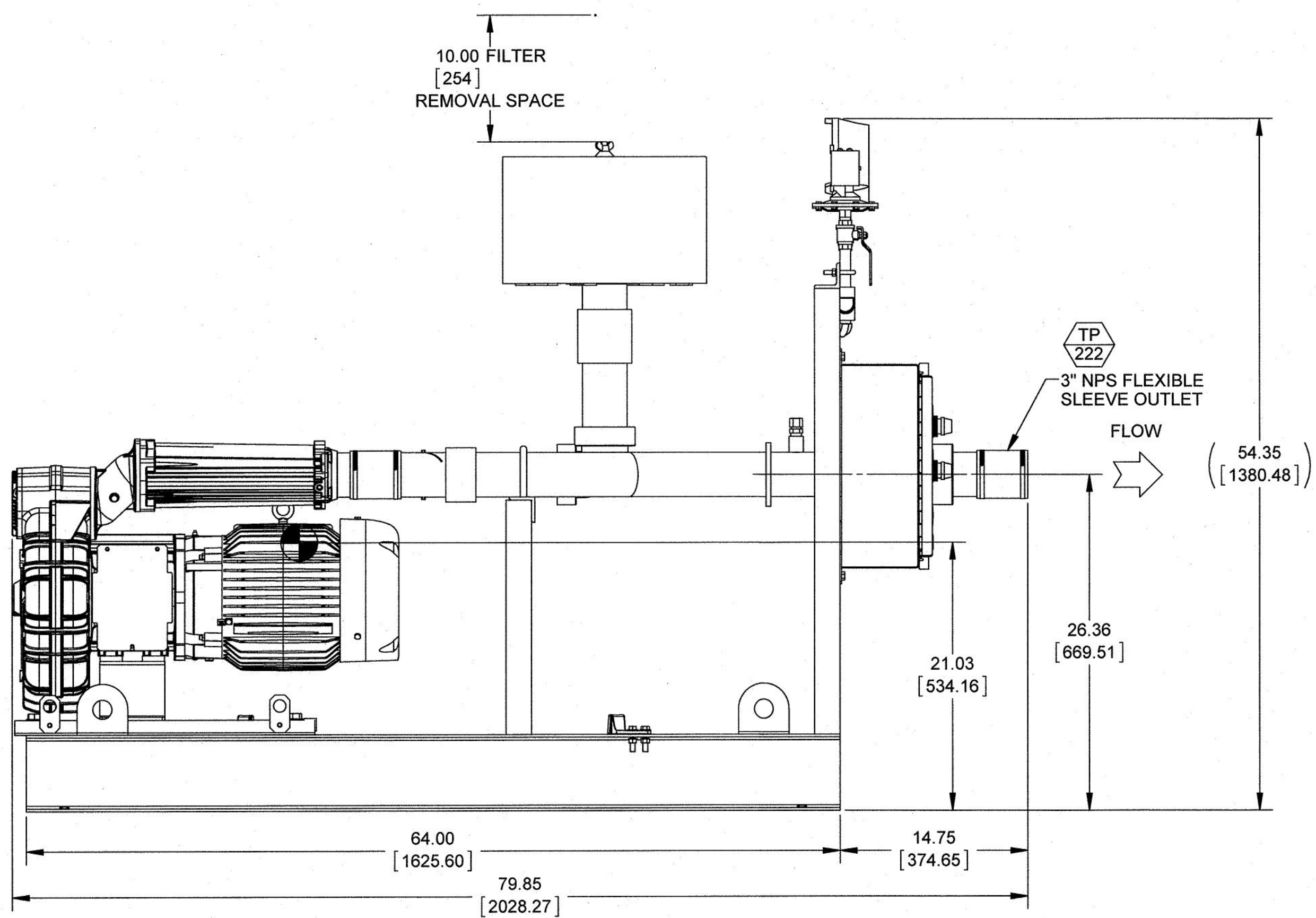


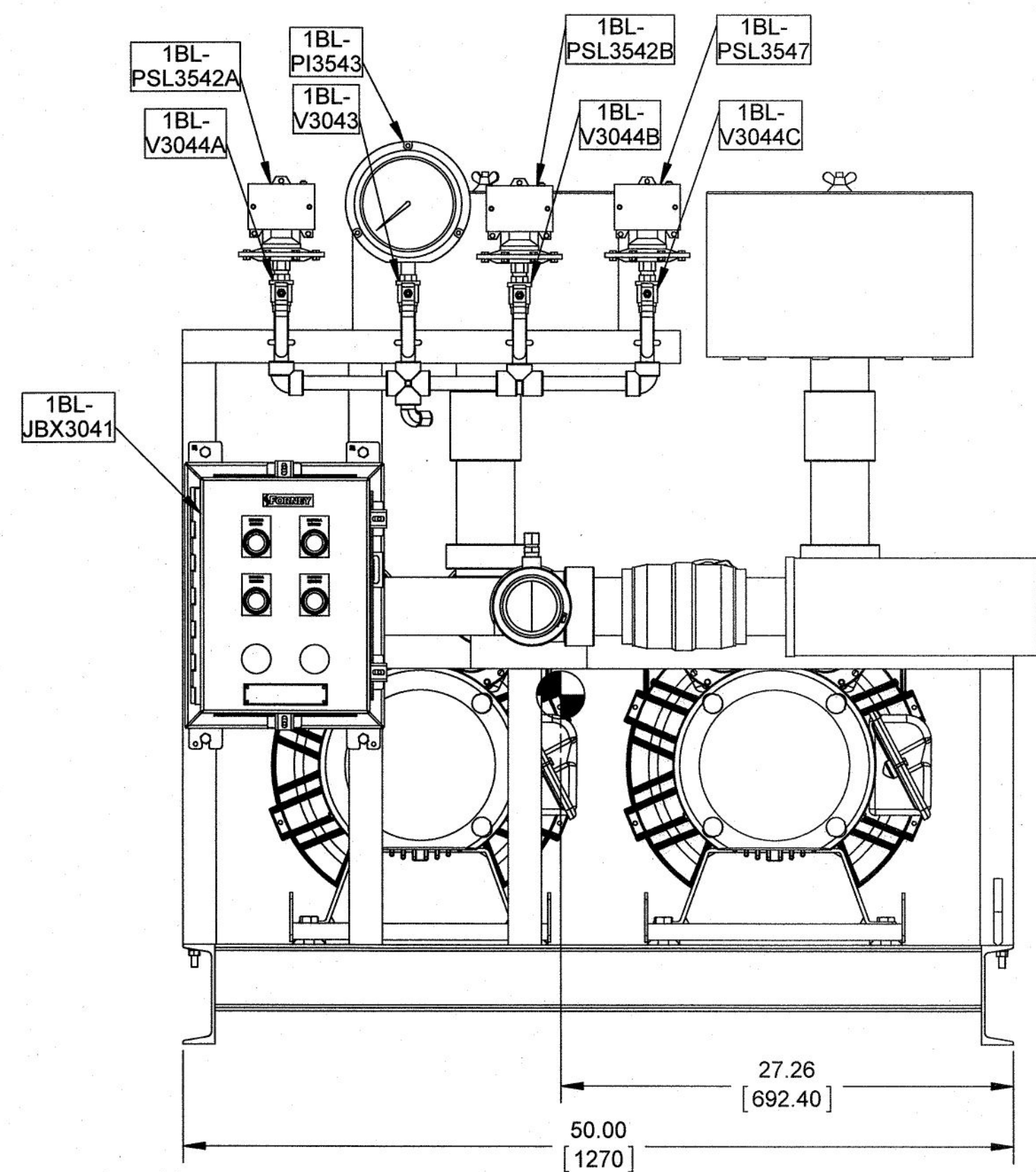
8 7 6 5 4 3 2 1



TOP VIEW
(FILTERS NOT SHOWN FOR CLARITY)



FRONT VIEW



SIDE VIEW

NOTES:

- ALL EXTERNAL, UNPAINTED CARBON STEEL SURFACES TO BE PREPARED PER SSPC SP-6, PRIMED WITH 2-3 MILS DFT CARBOZINC 11 PER 394540-05, INTERMEDIATE COAT WITH 4-6 MILS DFT OF CARBOGUARD 893 PER 394540-41 AND FINISH PAINTED WITH 2-3 MILS DFT OF CARBOTHANE 134 VOC PER 394540-37 IN CARBOLINE COLOR #2713, GRAY.
- SEE FORNEY DOCUMENT B10238-000-01 FOR BILL OF MATERIAL. SEE FORNEY DRAWING B10238-005-01 FOR P & ID.
- ALL DIMENSIONS ARE ± .50" [12.7mm], EXCEPT WHERE NOTED. ALL DIMENSIONS ARE IN INCHES [mm]. DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.
- TOTAL WEIGHT OF ASSEMBLY APPROXIMATELY 900 LBS.
- BLOWER SKIDS DESIGNED TO BE LOCATED IN NON - HAZARDOUS ELECTRICAL AREA.
- EQUIPMENT FOR ONE IDENTICAL DUCT BURNER UNIT WILL BE PROVIDED.
- FORNEY HAS SIZED EACH COOLING AIR BLOWER TO DELIVER:
7 FLAME SCANNER X 9 SCFM
7 MAXFIRE IGNITER X 12 SCFM
12 VPI SUPPLIED VIEWPORT X 15 SCFM
10% FLOW MARGIN ON SCANNER AND IGNITER = TOTAL 342 SCFM AT 40" W.C.
THE PIPING BETWEEN FORNEY SUPPLIED COOLING AIR HEADERS TO VPI SUPPLIED VIEWPORTS SHOULD BE SIZED SUCH THAT EACH VIEW PORT RECEIVES 15 SCFM AT 6" W.C. ABOVE FURNACE PRESSURE. RECOMMENDED MINIMUM PIPE SIZE IS 3/4".
- BECAUSE OF STANDARD SIZE BLOWER, AN AUTOMATIC SAFETY RELIEF VALVE WITH SILENCER IS PROVIDED TO RELIEVE EXCESS AIR PRESSURE WHEN BLOWER SKID OUTLET PRESSURE EXCEEDS 65 IN W.C. THIS IS TO SAFEGUARD BLOWER AND MOTOR.
- Ⓢ CENTER OF GRAVITY IS SHOWN WITHIN ±6.00" [152 mm].

REGENERATIVE BLOWER SPECIFICATIONS:

MANUFACTURER: FPZ
MODEL: SCL-K08-MS-GOR-10
MOTOR HP: 8.6 HP TEFC/460 VAC/3 PH/60 Hz, NO SPACE HEATER.
MOTOR FILTER: FS-235P-300

VOGT POWER INTERNATIONAL
V17494-BUXD-5003-03
18-Mar-2016

MEC/KMEC

Duct Burner-GA Blower Assembly

VOGT POWER INTERNATIONAL

Released, Work May Proceed

Bell, Milton

Mar-20-2016

1BU-SKD2202

MAR 0 4 2016

D	3/4/16	TJH	MK	WM	FOURTH SUBMITTAL TAG UPDATE PER CUSTOMER COMMENT	MIDDLETOWN PROJECT MIDDLETOWN, OH VPI PROJECT NO.: V-17494 VPI P.O. NO.: V0009467	KINGS MOUNTAIN PROJECT KINGS MOUNTAIN, NC VPI PROJECT #: V17495 VPI P.O. #: TBD	USE ENGINEERING STANDARD 348384-01 FOR TOLERANCES ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED DO NOT SCALE THIS DRAWING	TITLE GENERAL ARRANGEMENT BLOWER ASSEMBLY	FORNEY Corporation Copyright © 1998 by Forney Corporation. All rights reserved.
A	11/10/15	TJH	MK	WM	INITIAL SUBMITTAL			CONFIDENTIAL - This drawing is the confidential and proprietary copyrighted property of Forney Corporation, 3405 Wiley Post Road, Carrollton, Texas USA 75006. All information contained herein is confidential and shall not be reproduced, copied, lent, or disclosed without the written permission of Forney Corporation.		
REV	DATE	DR	ENG	BYWG	DESCRIPTION					

8 7 6 5 4 3 2 1