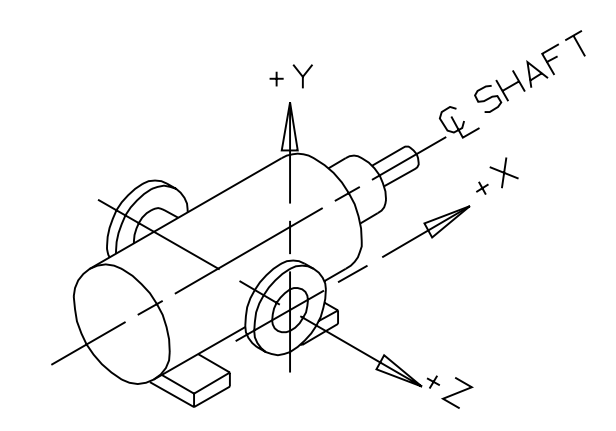
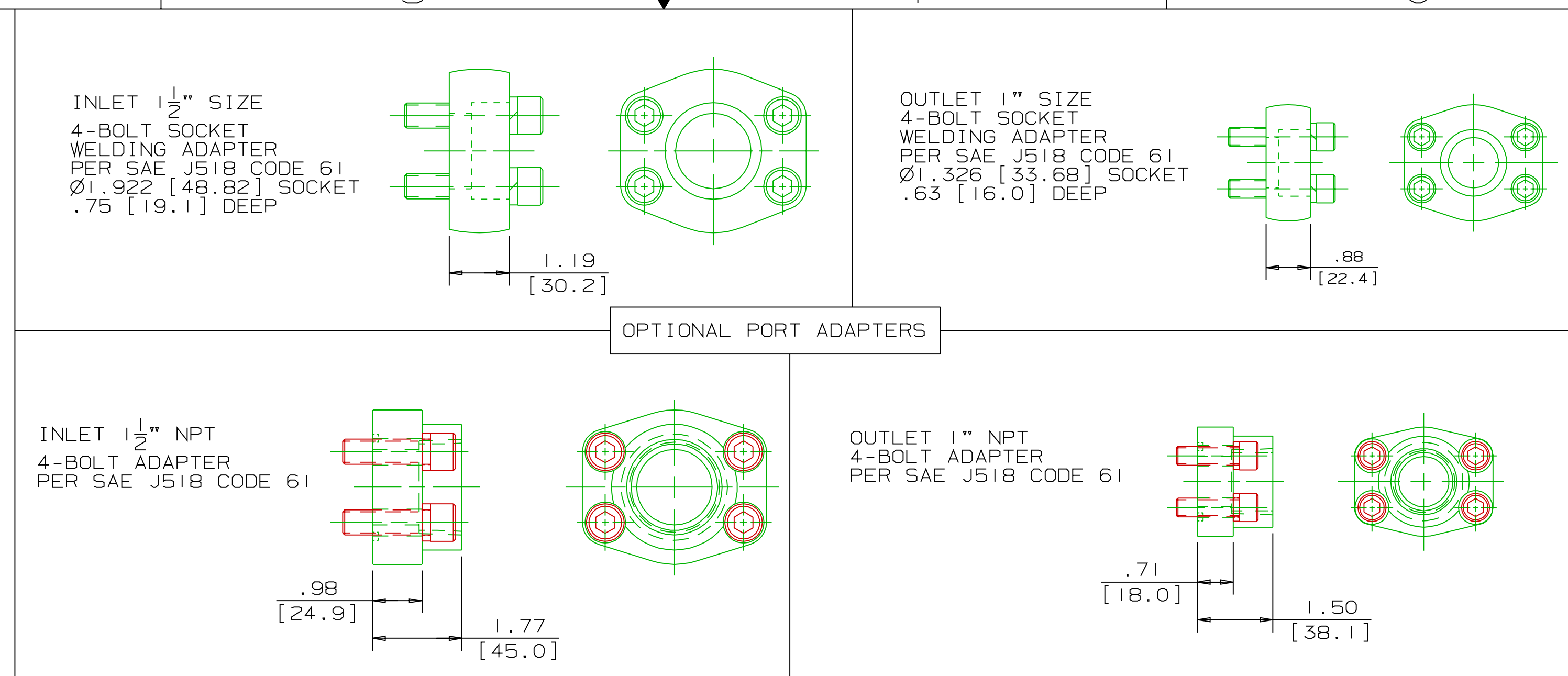


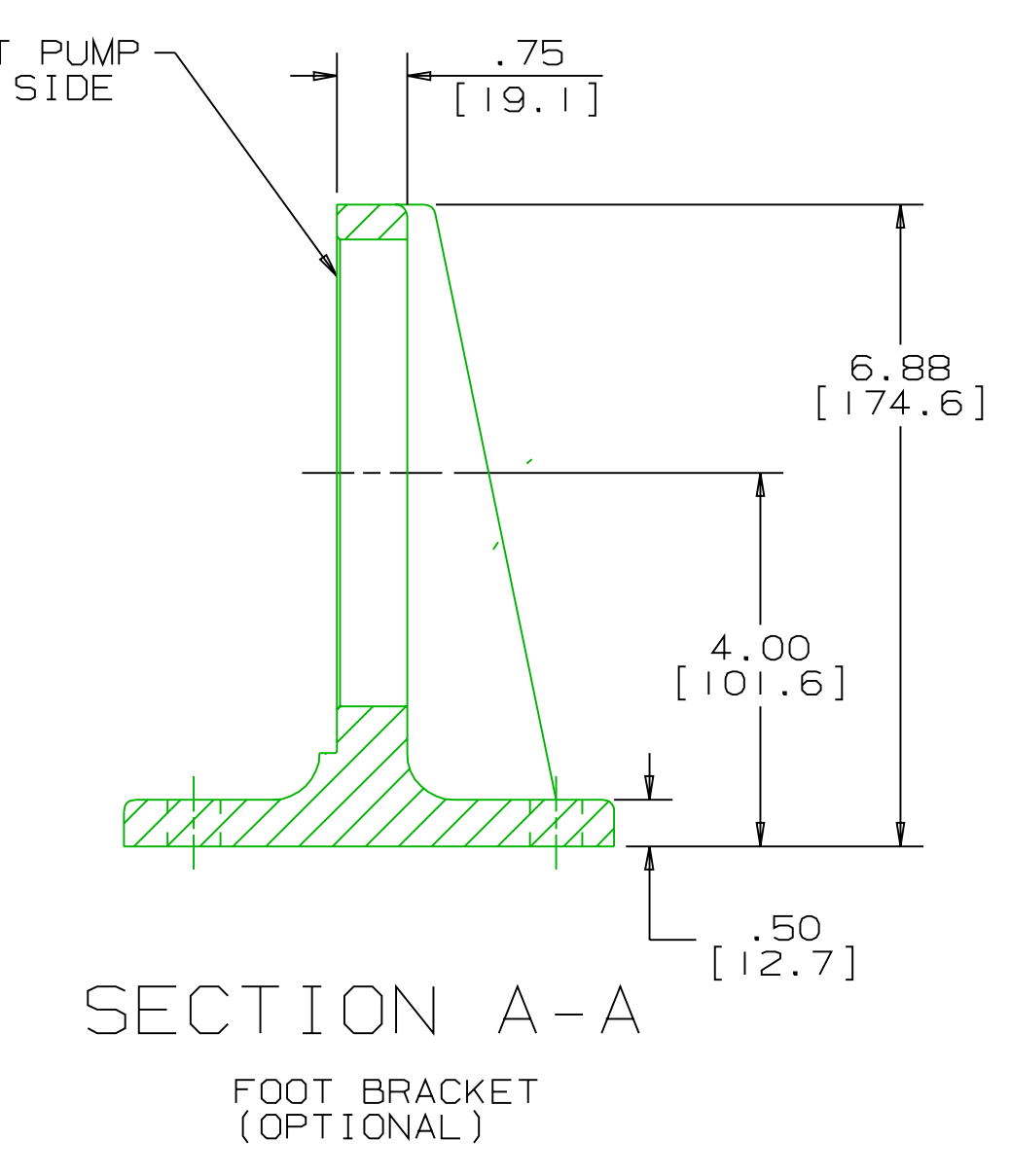
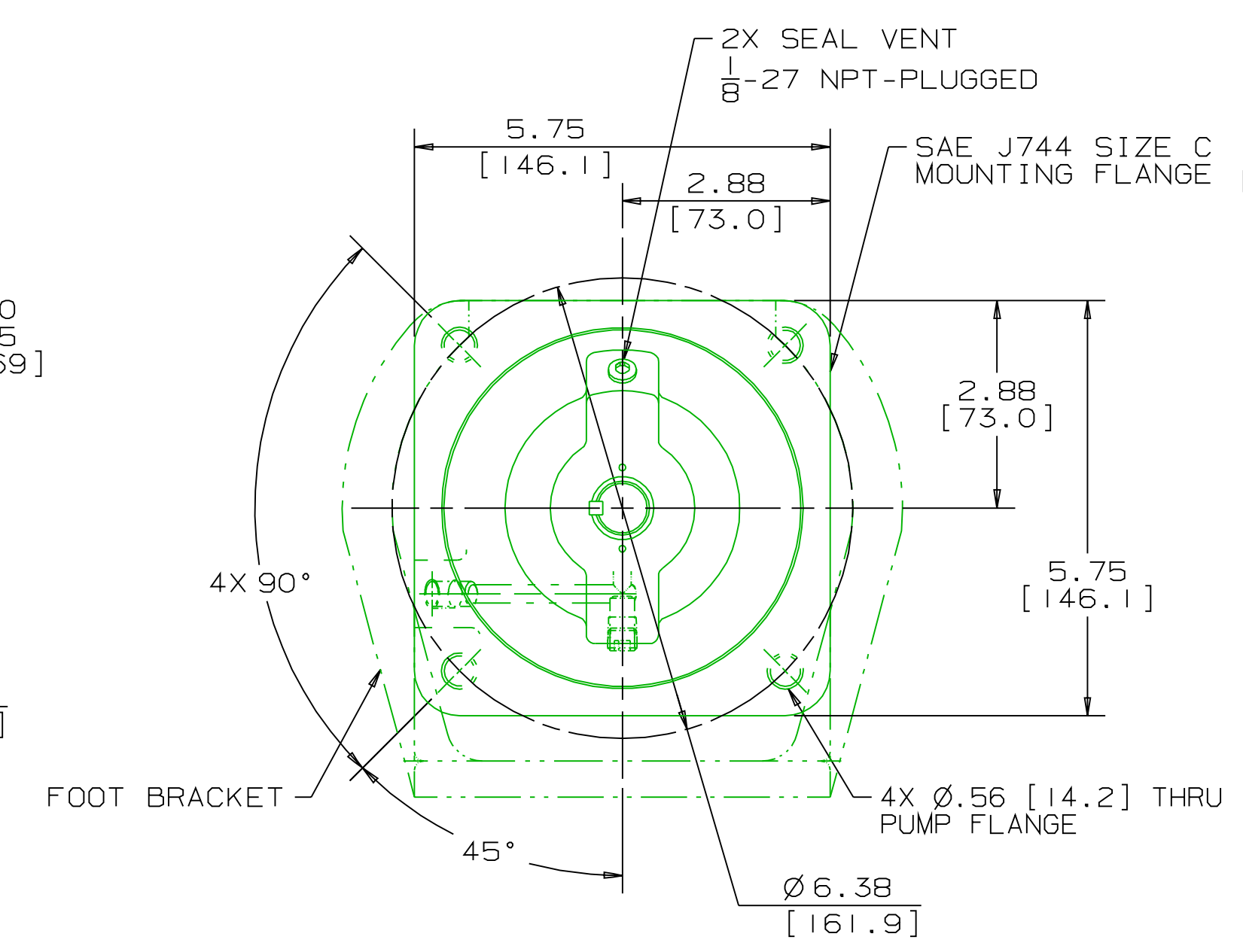
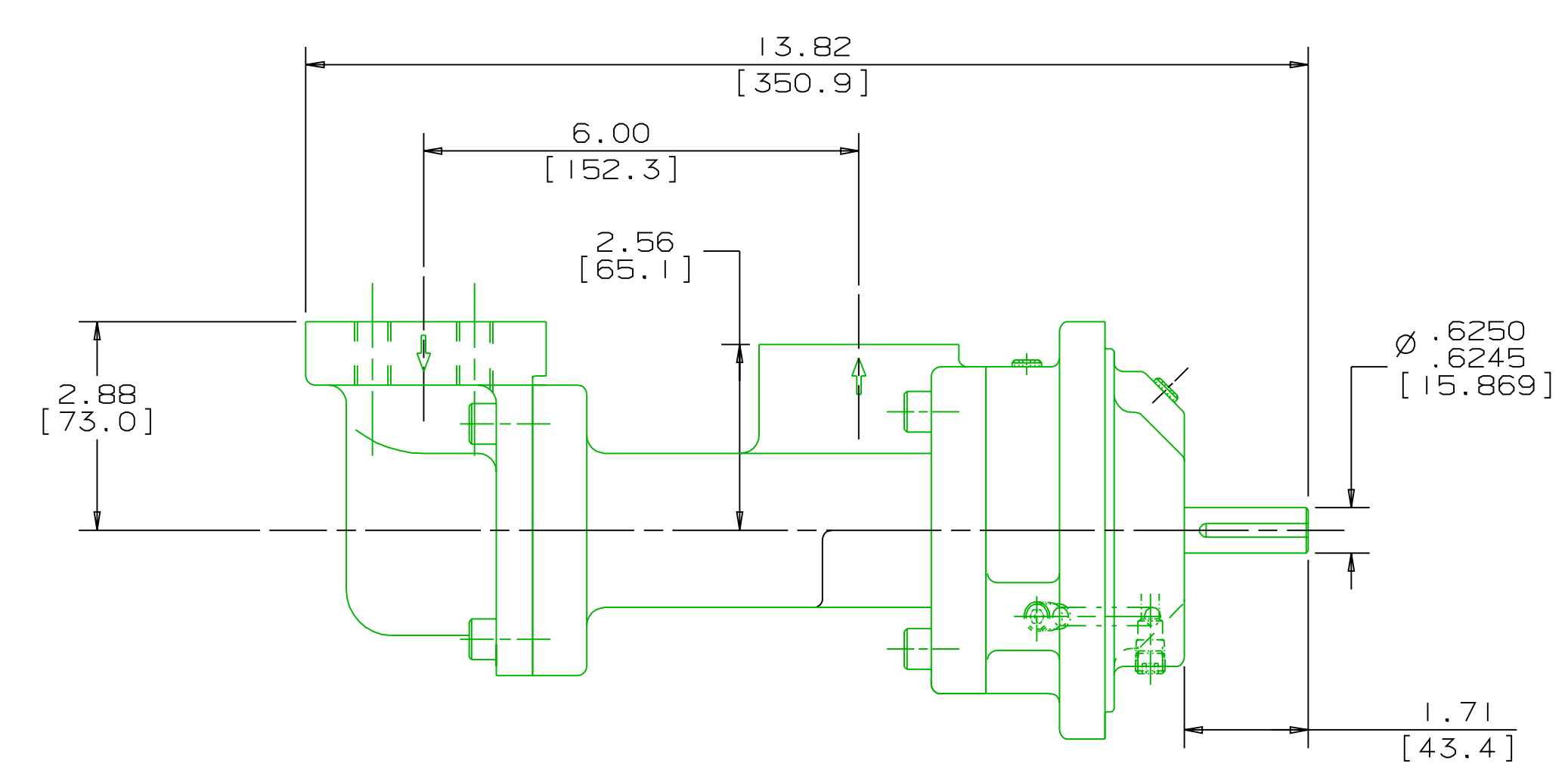
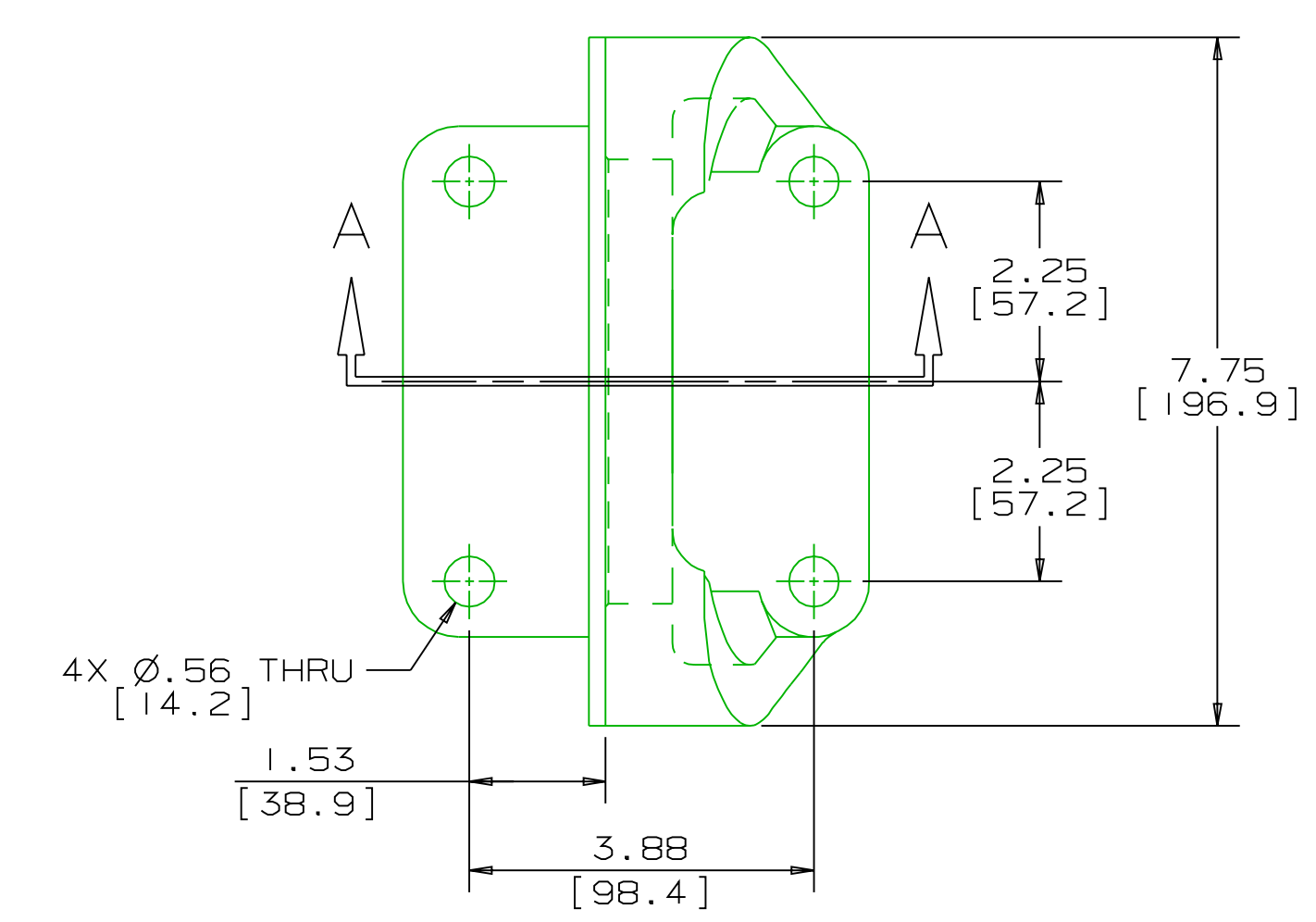
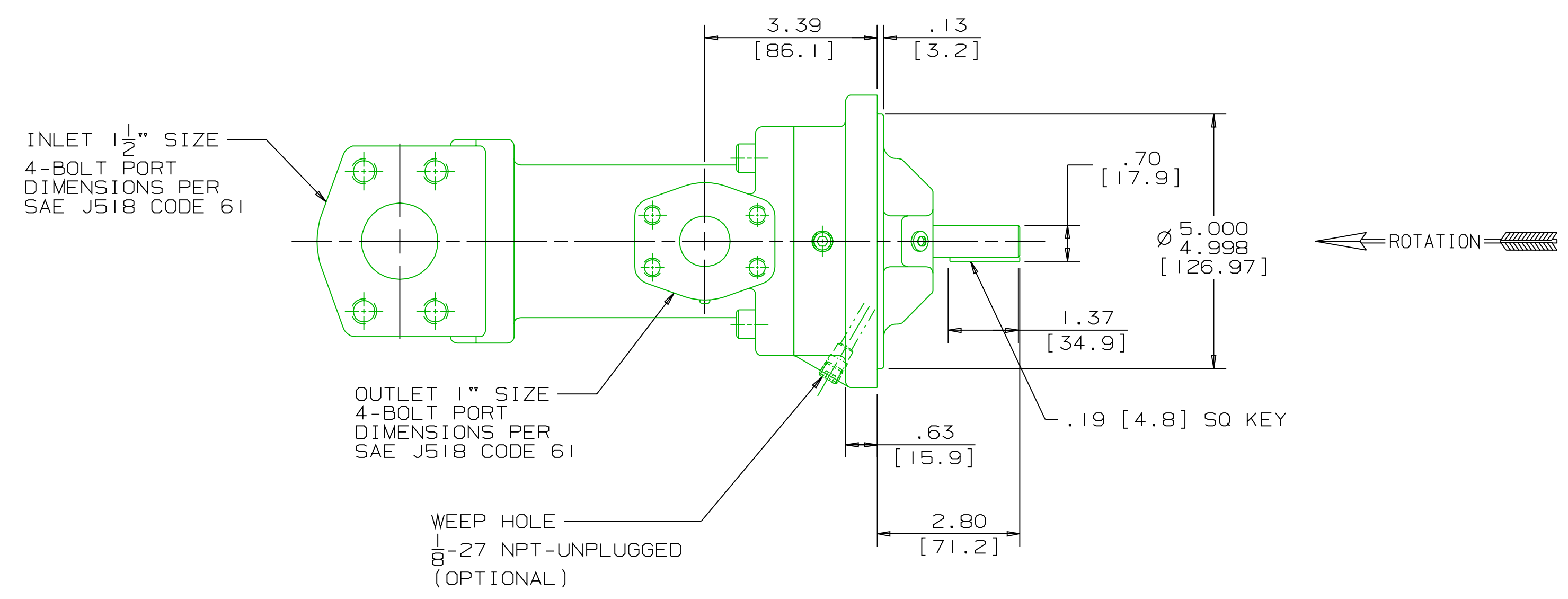
| REVISION HISTORY | | | | | | |
|------------------|--------|-----|---|----------|-----|----------|
| CHG NO | ZONE | REV | DESCRIPTION | DATE | BY | APPROVED |
| 01-0287 | ALL | 4 | ALL ADAPTERS UPDATED TO REFLECT 9/99 ANCHOR CATALOG | 6-19-01 | DMM | DMM |
| 01-0435 | ALL | 5 | UPDATED DRAWING TO BE CONSISTENT WITH STANDARD 3G OUTLINE | 10-26-01 | ERH | DMM |
| 03-0197 | E3,4,5 | 6 | UPDATED NPT ADAPTERS TO CURRENT ANCHOR Dwg DATED 2-12-03 | 5-21-03 | DMM | DMM |



INLET:
 FX=113 LBF [500 N] MX=188 LB FT [254 N·m]
 FY=113 LBF [500 N] MY=188 LB FT [254 N·m]
 FZ=113 LBF [500 N] MZ=188 LB FT [254 N·m]

OUTLET:
 FX=75 LBF [334 N] MX=125 LB FT [169 N·m]
 FY=75 LBF [334 N] MY=125 LB FT [169 N·m]
 FZ=75 LBF [334 N] MZ=125 LB FT [169 N·m]

FORCE AND MOMENT VALUES ARE RELATIVE TO CENTER OF INLET AND OUTLET PORT FACES.



DRAWING CERTIFICATION

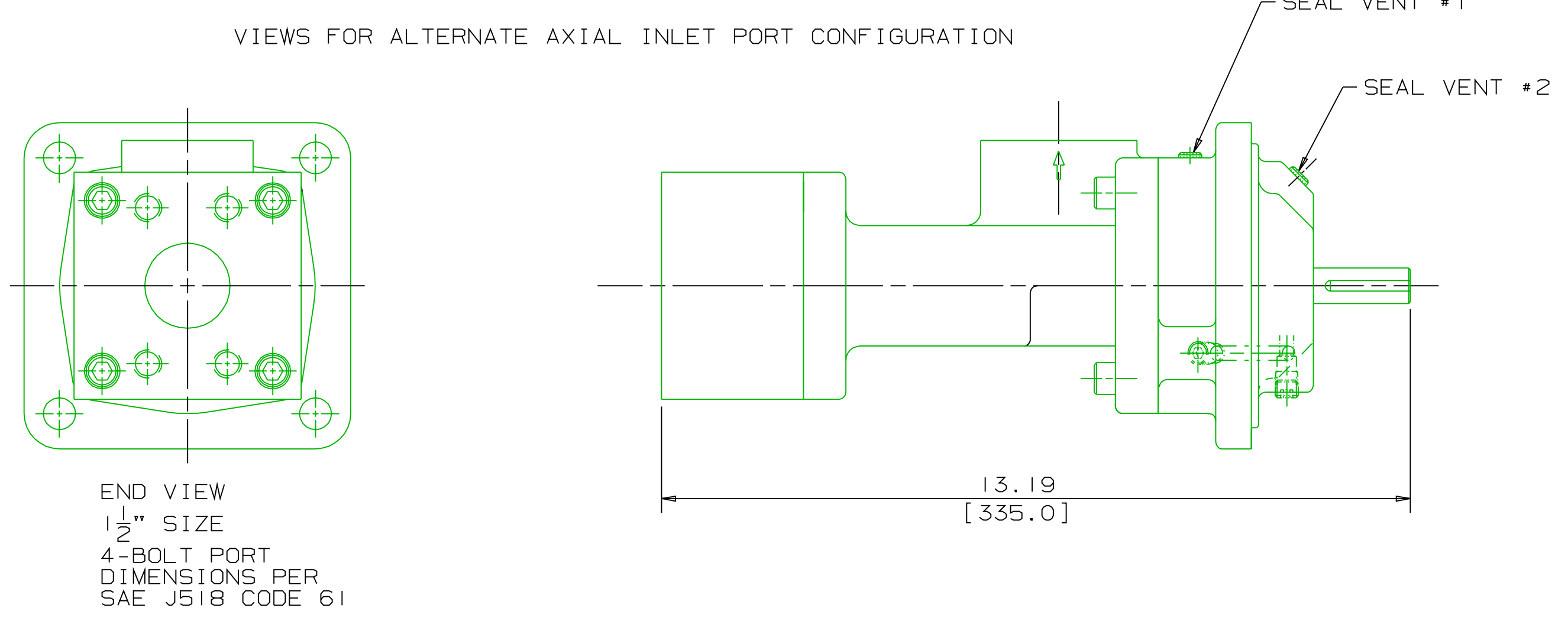
SEAL VENT 12 0'CLOCK
9 0'CLOCK 3 0'CLOCK
6 0'CLOCK
...SEE NOTES 1, 2 & 3...

CUSTOMER NAME -----
 CUSTOMER PO NUMBER -----
 CUSTOMER PART NUMBER -----

BOM NUMBER -----
 PUMP TYPE -----
 SHAFT ROTATION -----
 INLET PORT ORIENTATION -----
 OUTLET PORT ORIENTATION -----
 FOOT BRKT. ORIENTATION -----
 INLET PORT OPTION -----
 INLET ADAPTER OPTION -----
 OUTLET ADAPTER OPTION -----

OTHER INFORMATION

CERTIFIED BY -----
 CERTIFIED DATE -----
 IMO ORDER NUMBER -----
 DATA REVISION NUMBER -----



- NOTES:**
- TO MAXIMIZE SEAL LIFE, SEAL VENT MUST BE ORIENTED UPWARD (12 O'CLOCK) WHEN PUMP IS INSTALLED HORIZONTALLY. VENT ORIENTATION IS NOT CRITICAL WHEN PUMP IS INSTALLED WITH SHAFT VERTICALLY UPWARD.
 - PORT, FOOT, AND SEAL VENT ORIENTATIONS ARE SUPPLIED AS SHOWN ON DRAWING UNLESS OTHERWISE SPECIFIED.
 - ALTERNATE PORT AND FOOT ORIENTATIONS ARE PROVIDED IF SPECIFIED ON ORDER. AVAILABLE ORIENTATIONS ARE 3, 6, 9, AND 12 O'CLOCK.
 - BOLT PATTERN FOR SAE 4-BOLT AXIAL INLET IS ALWAYS ORIENTED AS SHOWN WITH RESPECT TO OUTLET PORT.
 - APPROXIMATE PUMP WEIGHT (WITHOUT ADAPTERS):
 FLANGE MOUNT PUMP---33.2 LBS. [15.1 kgs]
 FOOT MOUNT PUMP---45.4 LBS. [20.6 kgs]
 - UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.

COMMENTS:
 STANDARD ROTATION IS CLOCKWISE WHEN VIEWED FROM COUPLING END OF PUMP. SUCTION STRAINER AND DISCHARGE RELIEF VALVE MUST BE PROVIDED.
 UNITS ARE ACCURATELY ALIGNED AT THE FACTORY. ALIGNMENT SHOULD BE CHECKED BEFORE STARTING TO ENSURE THAT IT IS STILL WITHIN .005 [0.13] FT/M.
 FLUSH SUCTION PIPING BEFORE CONNECTING PUMP. PRIME AND VENT PUMP. DO NOT START PUMP WITH VALVES CLOSED. READ INSTRUCTION MANUAL FOR DETAILS BEFORE STARTING.

| | | | |
|-------------------------------|------------|--|-----------|
| WEB ADDRESS: WWW.IMO-PUMP.COM | | EMAIL: IMO.PUMP@COLFAXCORP.COM | |
| DRAWN | ERH 3-3-99 | Imo Pump 1710 Airport Road PO Box 5020 Monroe, NC USA 28111.5020 | |
| CHECKED | NRS 4-7-99 | TITLE OUTLINE STANDARD (STEEL) AA3G/S-A118 | |
| APPD | MJC 4-7-99 | | |
| PROCESS | | SIZE | CAGE CODE |
| | | SCALE | DWG NO |
| | | SCALE | WEIGHT |
| | | SCALE | SHEET |
| | | SCALE | OF |

STEEL 3G-118