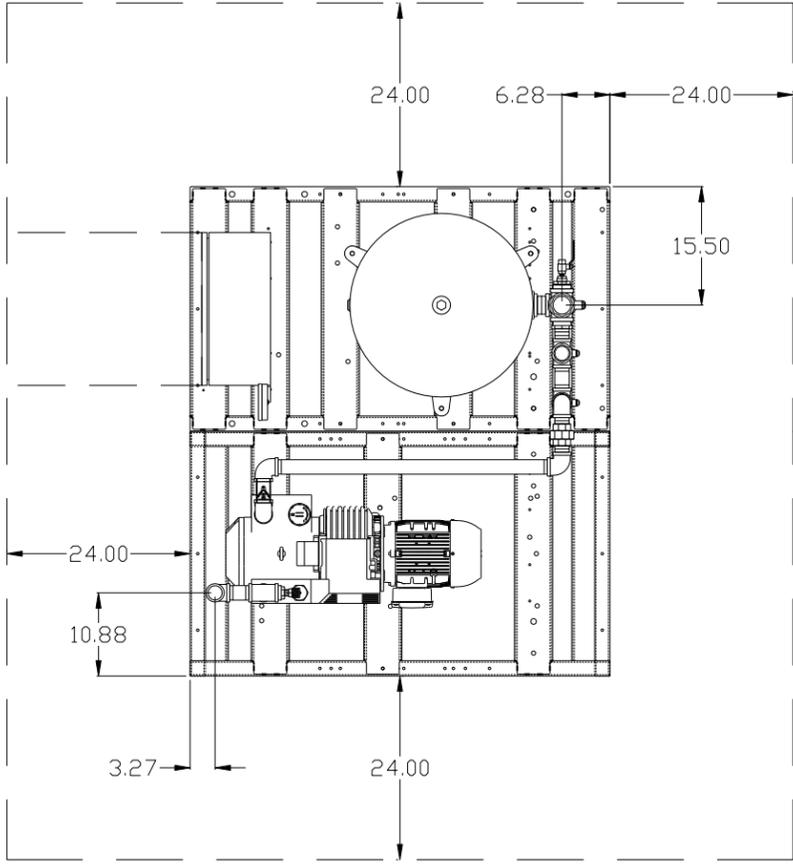


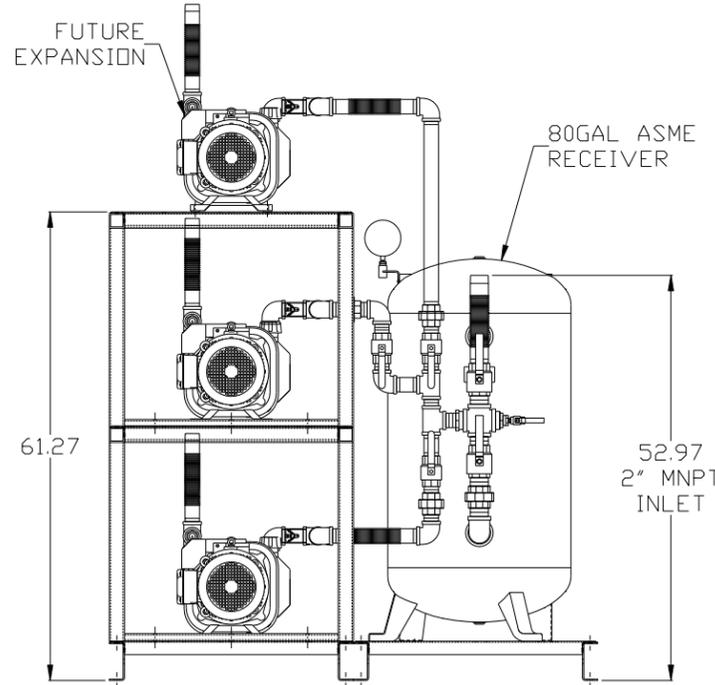
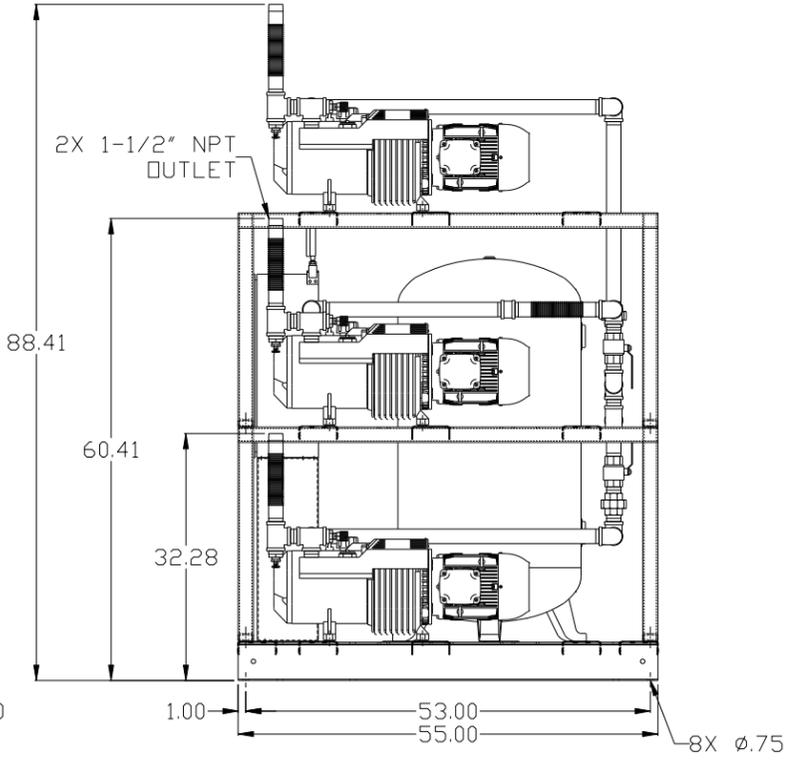
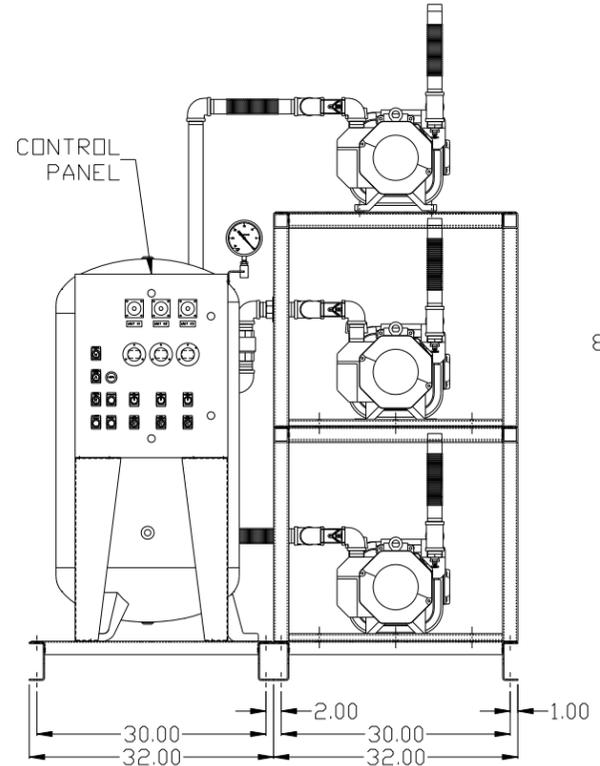
| REV | ZONE | REVISION              | DATE   | ECN     | NAME | CHKD |
|-----|------|-----------------------|--------|---------|------|------|
| B-1 | ALL  | RELEASE TO PRODUCTION | 2/5/18 | PKC0020 | AEK  | GES  |

MINIMUM RECOMMENDED ELECTRICAL CLEARANCE PER OSHA/NEC REQUIREMENTS



MINIMUM RECOMMENDED MAINTENANCE CLEARANCE

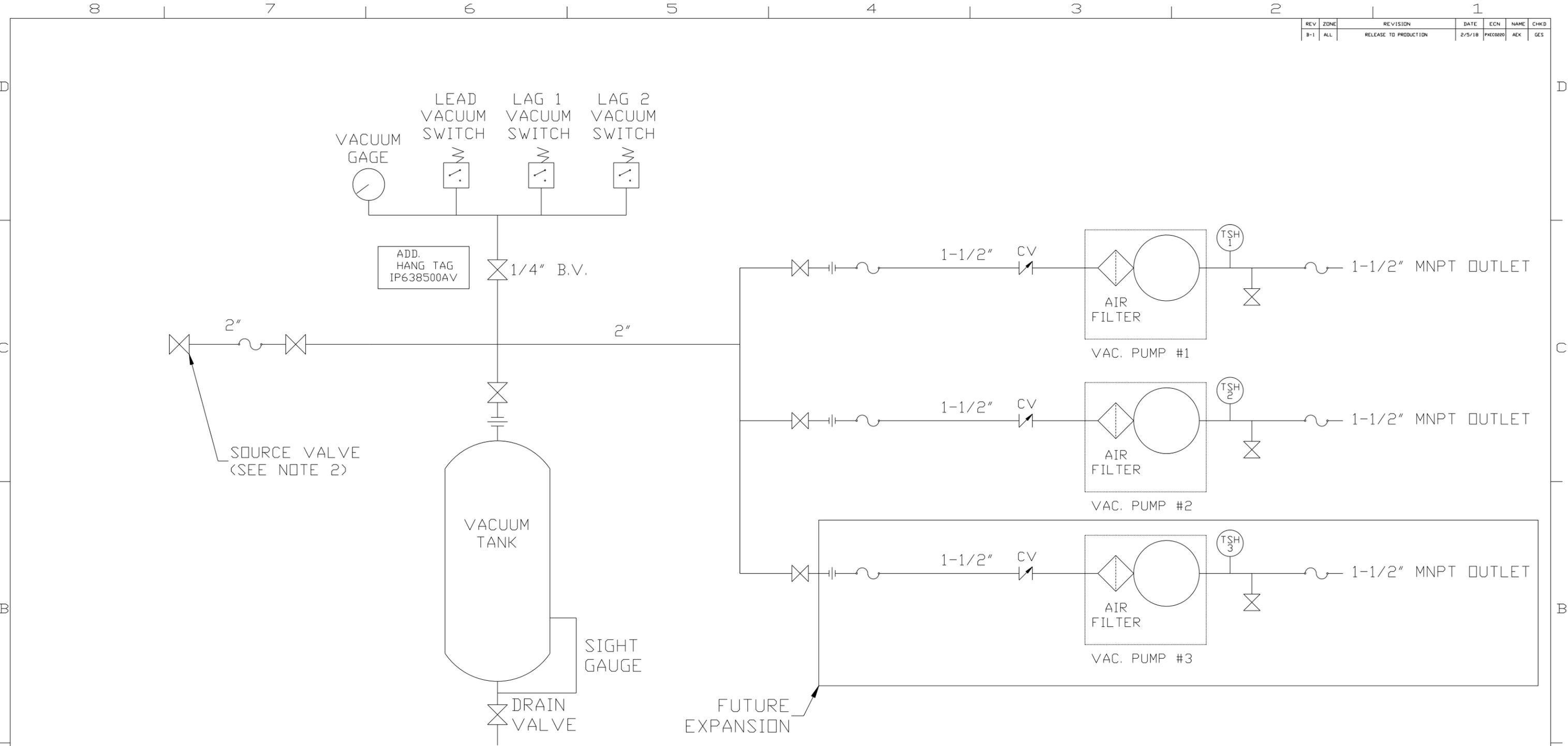
EXPANSION UNIT AND TOP FRAME NOT SHOWN IN TOP VIEW FOR CLARITY



NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

|   |  |  |  |
|---|--|--|--|
| <b>SYMBOL LEGEND</b><br>⊖ = MINUS DRAFT<br>⊕ = PLUS DRAFT<br>Ⓢ = ADDITIONAL CONTROL REQ'D<br>Ⓢ = BRINELL HARDNESS   |  | Drawings to conform to the current revision of the following ANSI standards:<br>Y14.3 Multi and sectional view dgs.<br>Y14.5M Dimensioning and tolerancing |  |
| TOLERANCES NOT SPECIFIED<br>.XX ±<br>.XXX ±<br><DEG> ±  |  | AUTOCAD REL2014 LT<br>INCH<br>DO NOT SCALE DRAWING FOR DIMENSIONS<br>Sheet 1 of 2<br>SCALE 1:12  |  |
| CONFIDENTIAL DISCLOSURE<br>This drawing is the property of POWEREX, INC. of the SCOTT FEITZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination. |  |  |  |
| DRAWN BY<br>AEK   |  | CHECKED BY<br>GES  |  |
| APPROVED BY<br>KMD  |  | MFG/MKTG<br>JM   |  |
| DATE<br>2/5/18  |  | DATE<br>2/5/18   |  |
| DATE<br>2/5/18  |  | DATE<br>2/5/18   |  |
| MATERIAL<br>N/A   |  | PART NAME<br>5HP DL VAC DUPLEX EXPANDABLE 80GAL  |  |
| DWG NO<br>VOPD0503-EX3  |  | SIZE<br>D  |  |

| REV | ZONE | REVISION              | DATE   | ECN     | NAME | CHKD |
|-----|------|-----------------------|--------|---------|------|------|
| B-1 | ALL  | RELEASE TO PRODUCTION | 2/5/18 | PKC0020 | AEK  | GES  |



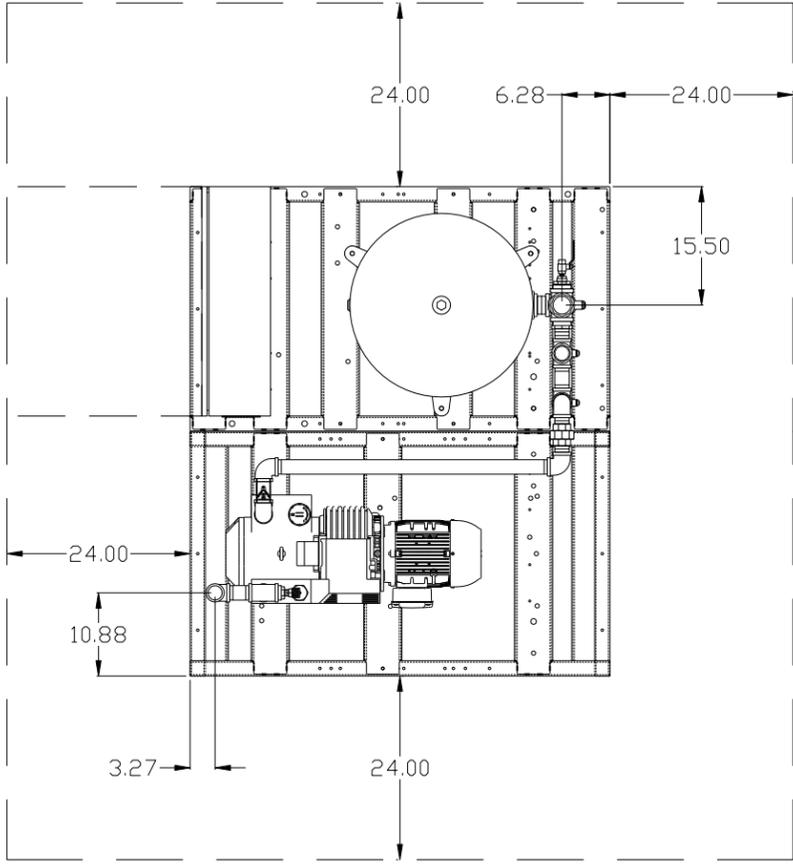
| LEGEND |               |
|--------|---------------|
|        | TEMP. SWITCH  |
|        | VACUUM SWITCH |
|        | AIR FILTER    |
|        | BALL VALVE    |
|        | CHECK VALVE   |
|        | FLEX LINE     |
|        | UNION         |

NOTES:  
 1) TSH - TEMPERATURE SWITCH HIGH  
 2) PER NFPA THE SYSTEM WILL REQUIRE A SOURCE VALVE (SUPPLIED BY OTHERS).

|   |  |  |
|---|--|--|
| <small>SYMBOL LEGEND</small><br>= MINUS DRAFT<br>= PLUS DRAFT<br>= ADDITIONAL CONTROL REQ'D<br>= BRINELL HARDNESS   |  | <small>Drawings to conform to the current revision of the following ANSI standards:</small><br>Y14.3 Multi and sectional view dsgs.<br>Y14.5M Dimensioning and tolerancing |
| <small>TOLERANCES NOT SPECIFIED</small><br>.XX ±<br>.XXX ±<br><DEG> ±   | AUTOCAD<br>REL2014 LT<br>INCH  | DO NOT SCALE DRAWING FOR DIMENSIONS<br>Sheet 2 of 2<br>SCALE 1:12  |
| <small>CONFIDENTIAL DISCLOSURE</small><br>This drawing is the property of POWEREX, INC. of the SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination. |  |  |
| <small>DRAWN BY</small><br>AEK  | <small>CHECKED BY</small><br>GES   | <small>APPROVED BY</small><br>ENGINEERING MFG/MRKTG<br>KMD JM  |
| <small>MATERIAL</small><br>N/A  | <br>150 PRODUCTION DRIVE, HARRISON, OHIO 45030<br>Ph 888-769-7979 FAX (513) 367-3125 |  |
| <small>PART NAME</small><br>OILLESS VACUUM FLOW SCHEMATIC   | <small>DWG NO</small><br>VOPD0503-EX3  | <small>SIZE</small><br>D   |

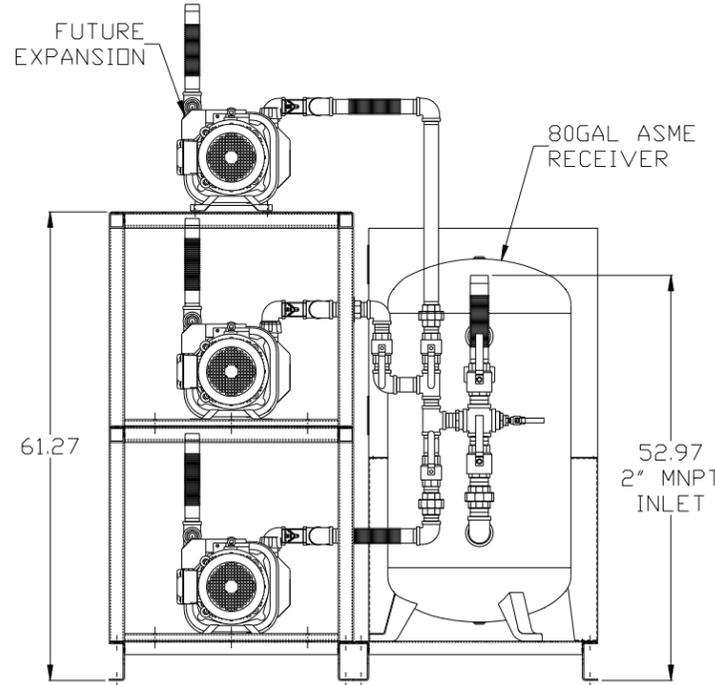
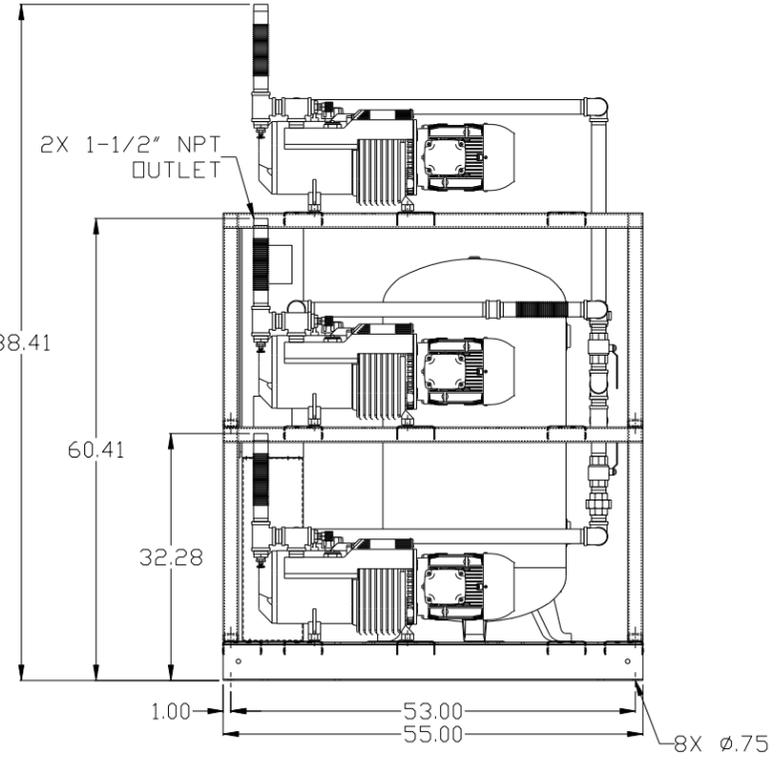
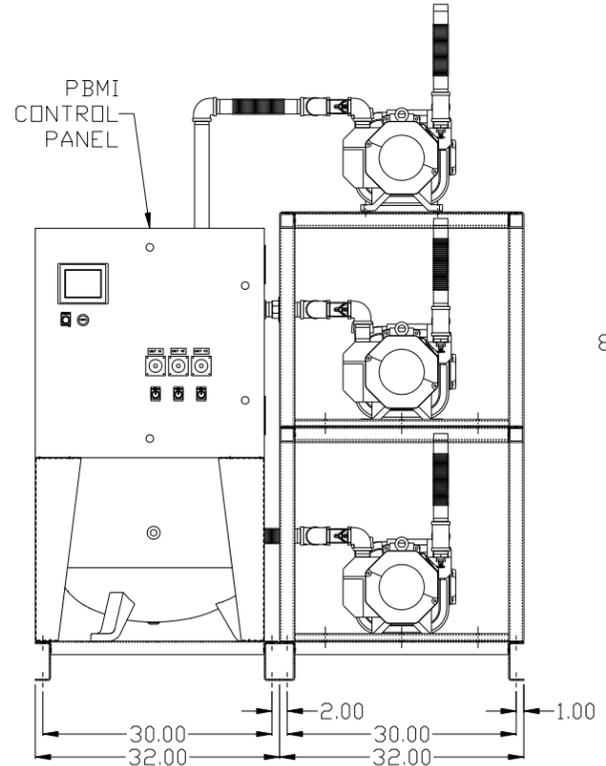
| REV | ZONE | REVISION              | DATE   | ECN     | NAME | CHKD |
|-----|------|-----------------------|--------|---------|------|------|
| B-1 | ALL  | RELEASE TO PRODUCTION | 2/5/18 | PKC0020 | AEK  | GES  |

MINIMUM RECOMMENDED ELECTRICAL CLEARANCE PER OSHA/NEC REQUIREMENTS



MINIMUM RECOMMENDED MAINTENANCE CLEARANCE

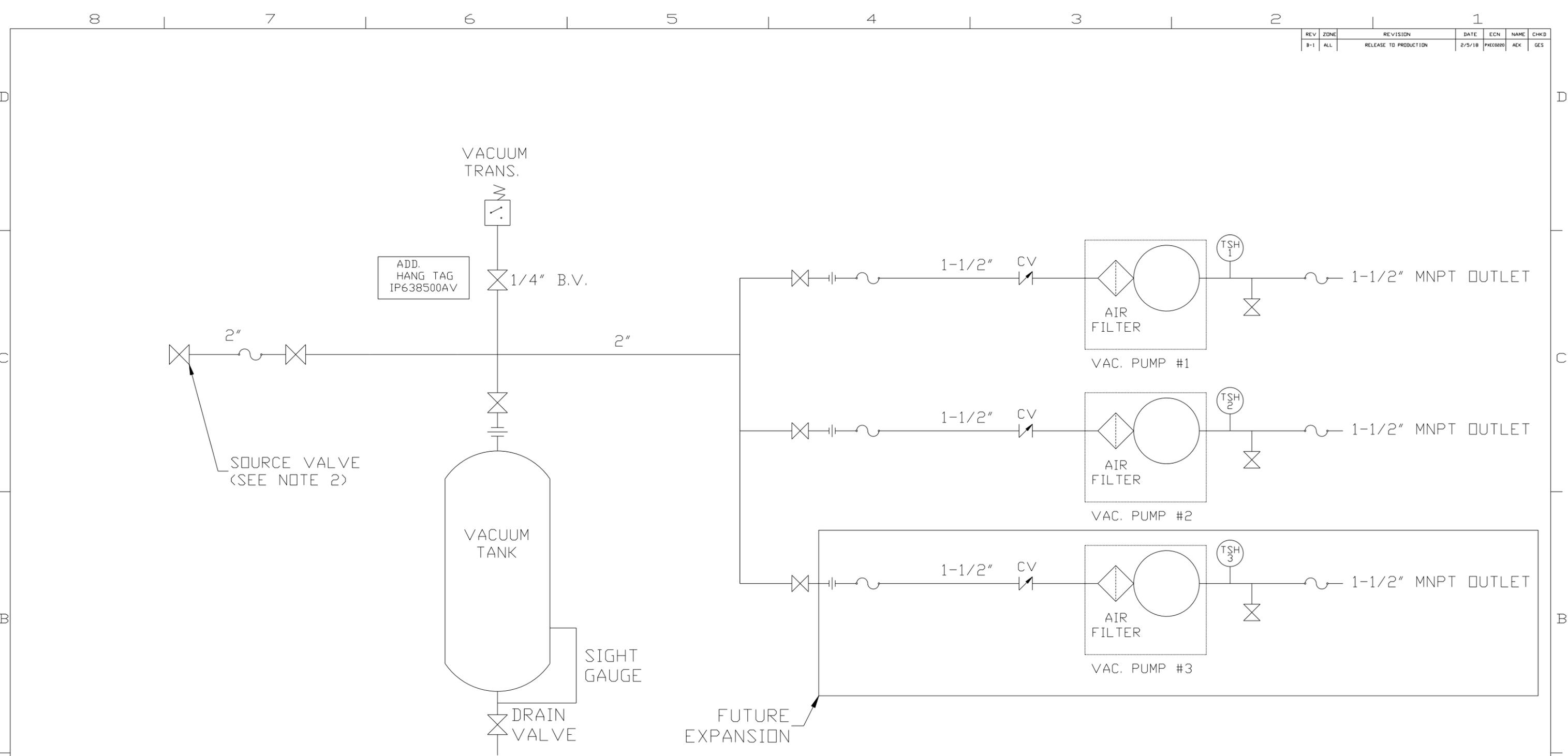
EXPANSION UNIT AND TOP FRAME NOT SHOWN IN TOP VIEW FOR CLARITY



NOTE: SYSTEM DESIGNED IN COMPLIANCE WITH U.S. NFPA '99, LATEST EDITION.

|   |  |   |  |
|---|--|---|--|
| <b>SYMBOL LEGEND</b><br>⊖ = MINUS DRAFT<br>⊕ = PLUS DRAFT<br>Ⓢ = ADDITIONAL CONTROL REQ'D<br>ⓈH = BRINELL HARDNESS  |  | Drawings to conform to the current revision of the following ANSI standards:<br>Y14.3 Multi and sectional view dsgs.<br>Y14.5M Dimensioning and tolerancing |  |
| TOLERANCES NOT SPECIFIED<br>.XX ±<br>.XXX ±<br><math>\angle</math>(DEG) ±   |  | DO NOT SCALE DRAWING FOR DIMENSIONS<br>Sheet 1 of 2<br>SCALE 1:12   |  |
| CONFIDENTIAL DISCLOSURE<br>This drawing is the property of POWEREX, INC. of the SCOTT FEITZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination. |  |   |  |
| MATERIAL<br>N/A   |  | PART NAME<br>5HP DL VAC DUPLEX EXPANDABLE 80GAL   |  |
| DRAWN BY<br>AEK   |  | CHECKED BY<br>GES   |  |
| APPROVED BY<br>KMD  |  | MFG/MKTG<br>JM  |  |
| DATE<br>2/5/18  |  | DATE<br>2/5/18  |  |
| DATE<br>2/5/18  |  | DATE<br>2/5/18  |  |
| DWG NO<br>VOPD0503-EX3  |  | SIZE<br>D   |  |

| REV | ZONE | REVISION              | DATE   | ECN     | NAME | CHKD |
|-----|------|-----------------------|--------|---------|------|------|
| B-1 | ALL  | RELEASE TO PRODUCTION | 2/5/18 | PKC0020 | AEK  | GES  |



| LEGEND |               |
|--------|---------------|
|        | TEMP. SWITCH  |
|        | VACUUM SWITCH |
|        | AIR FILTER    |
|        | BALL VALVE    |
|        | CHECK VALVE   |
|        | FLEX LINE     |
|        | UNION         |

NOTES:  
 1) TSH - TEMPERATURE SWITCH HIGH  
 2) PER NFPA THE SYSTEM WILL REQUIRE A SOURCE VALVE (SUPPLIED BY OTHERS).

|  |            |  |             |   |            |
|--|------------|--|-------------|---|------------|
| SYMBOL LEGEND  |            | = ADDITIONAL CONTROL REQ'D   |             | Drawings to conform to the current revision of the following ANSI standards |            |
| ⊖ = MINUS DRAFT  |            | ⊕ = PLUS DRAFT   |             | = BRINELL HARDNESS  |            |
| TOLERANCES NOT SPECIFIED   |            | AUTOCAD REL2014 LT   |             | DO NOT SCALE DRAWING FOR DIMENSIONS   |            |
| .XX ±  | .XXX ±     | INCH   |             | Sheet 2 of 2  | SCALE 1:12 |
| CONFIDENTIAL DISCLOSURE<br>This drawing is the property of POWEREX, INC. of the SCOTT FETZER COMPANY and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination. |            |  |             |   |            |
| DRAWN BY   | CHECKED BY | APPROVED BY  | ENGINEERING | MFG/MKTG  |            |
| AEK  | GES        | KMD  | JM          |   |            |
| 2/5/18   | 2/5/18     | 2/5/18   | 2/5/18      |   |            |
| MATERIAL N/A   |            | <br>150 PRODUCTION DRIVE, HARRISON, OHIO 45030<br>Ph: 888-769-7979 FAX: (513) 367-3125 |             |   |            |
| PART NAME  |            | DWG NO   |             | SIZE  |            |
| DILLESS VACUUM FLOW SCHEMATIC  |            | VOPD0503-EX3   |             | D   |            |