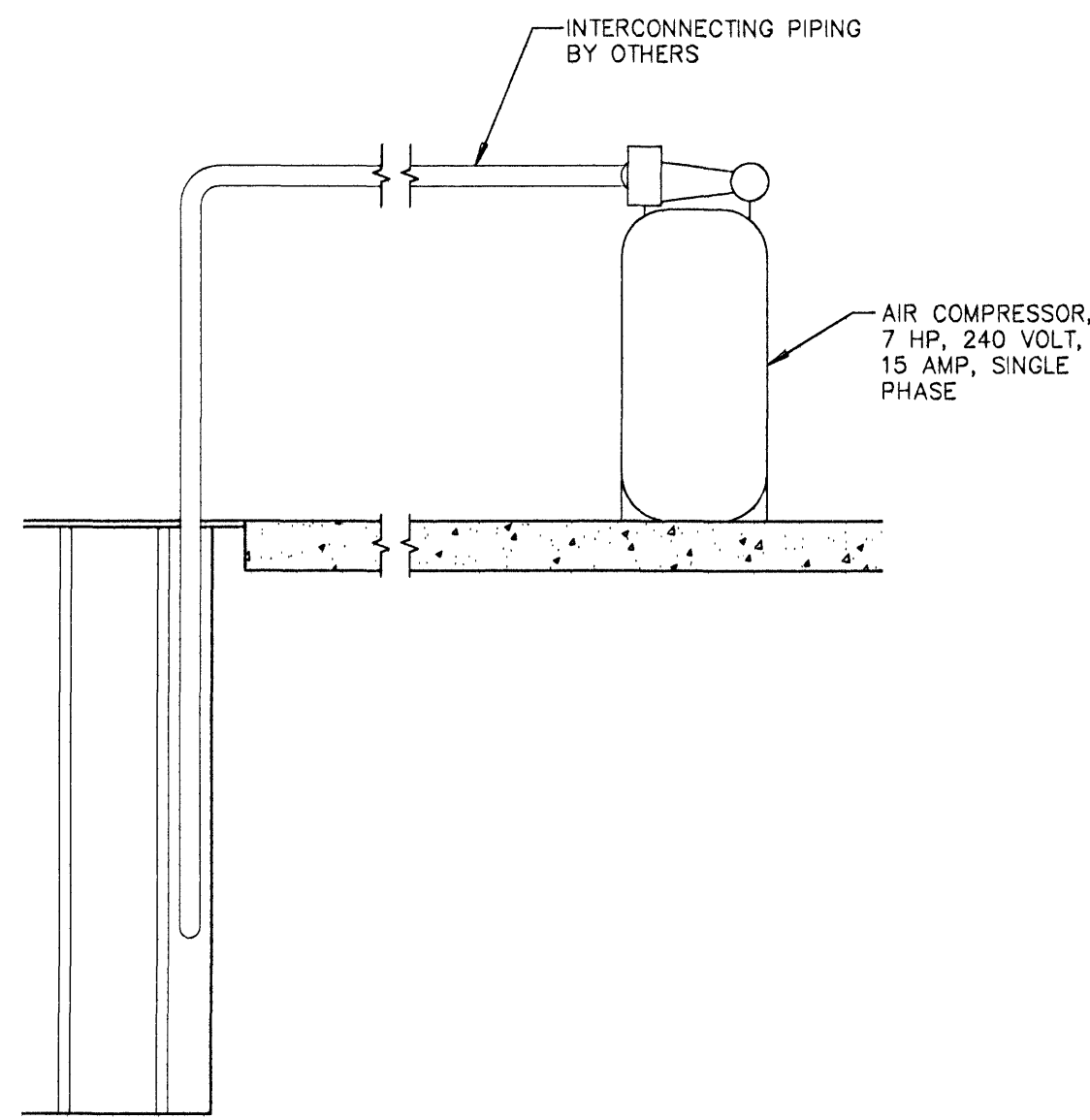


NOTE:
FILTER VALVES ARE PNEUMATICALLY OPERATED PVC WAFER BUTTERFLY VALVES w/ STAINLESS STEEL EXTENSION FOR ABOVE WATER VALVE MOUNTING.

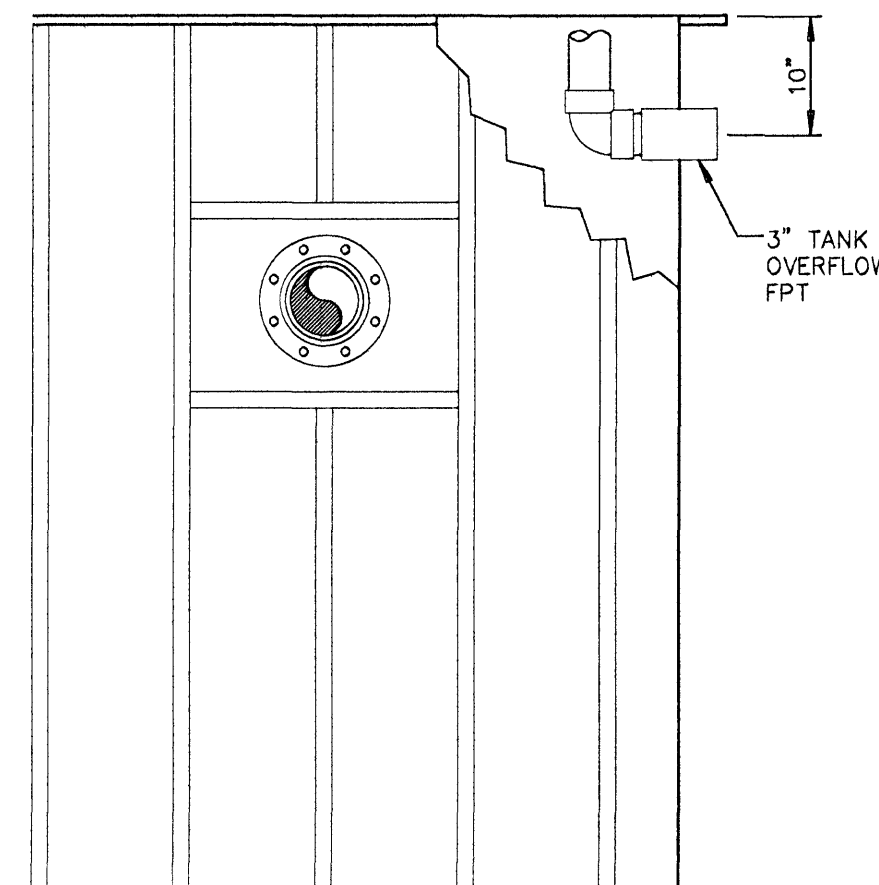
A
8.1g
FILTER #2 VALVE OPERATION DETAIL

GENERAL NOTES:

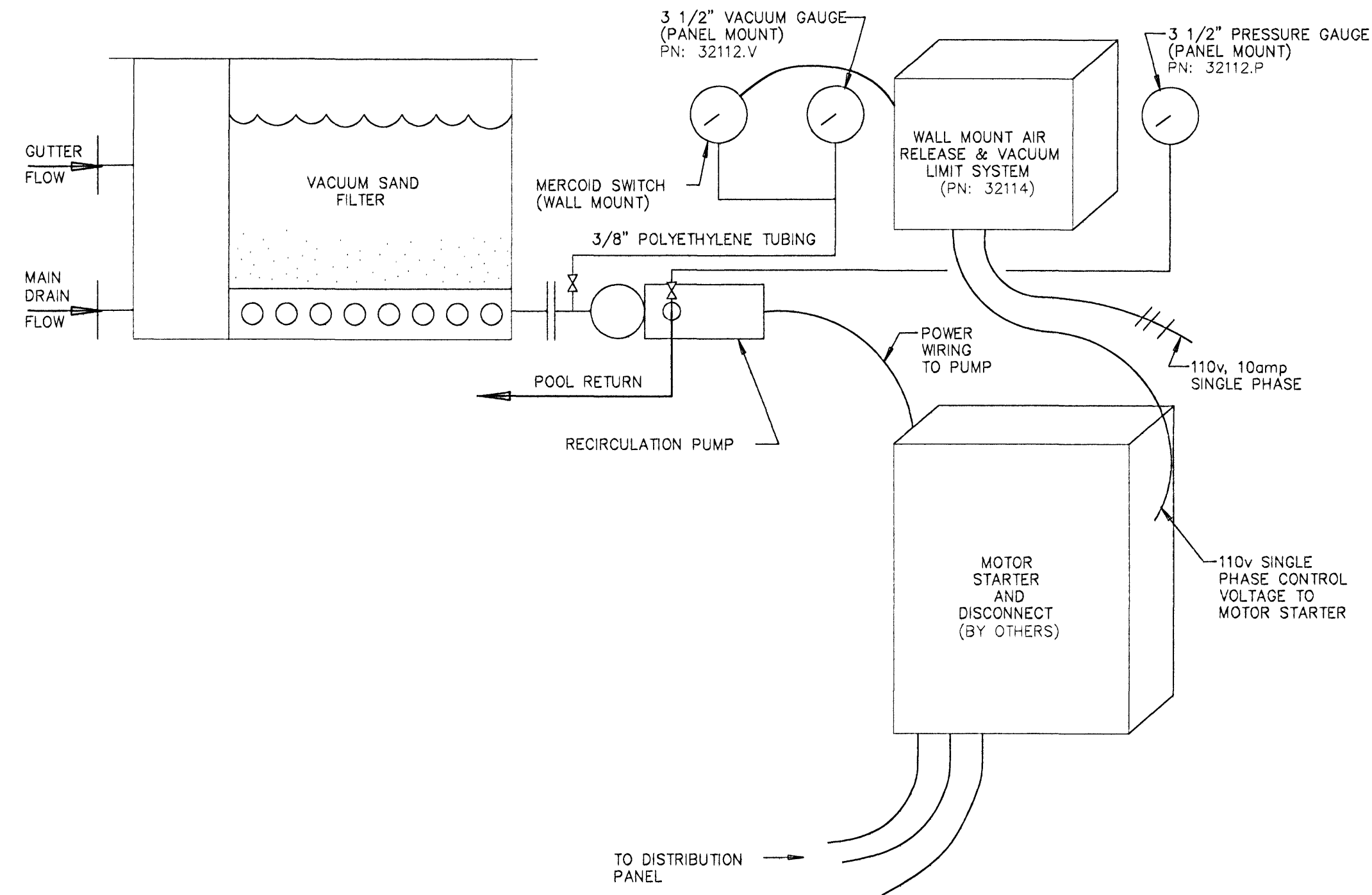
1. FILTER TANK TO BE CONSTRUCTED OF 12 ga. T-304 LOW CARBON STAINLESS STEEL. EXTERNAL STRUCTURAL SUPPORTS TO BE CONSTRUCTED OF A-36 CARBON STEEL. THE ENTIRE EXTERNAL SURFACE OF THE FILTER IS TO BE COATED WITH WATER BASED EPOXY.
2. TOP GRATING TO BE ALUMINUM GRATING. EQUALIZATION SCREEN TO BE STAINLESS STEEL.
3. ALL INTERNAL VALVES TO BE PVC BODIED WITH STAINLESS STEEL SHAFTS AND PVC DISKS. EXTENSION HANDLES TO BE PROVIDED AS REQUIRED.
4. ALL STUDS, NUTS, AND BOLTS USED TO ASSEMBLE INTERNAL PIPING TO BE STAINLESS STEEL.
5. ALL INTERNAL FLANGES SHALL BE SOCKET OR SPIGOT SCH. 80 PVC. EXTERIOR FLANGES TO BE SOCKET SCH. 80 PVC.
6. THE SAND BED SHALL CONSIST OF UNIFORMLY GRADED SILICA SAND, CONTAINING NO LIMESTONE OR CLAY WITH AN EFFECTIVE SIZE OF 0.45mm TO 0.55mm AND A UNIFORMITY COEFFICIENT OF 1.4. THE SUPPORT MEDIA SHALL BE UNIFORMLY GRADED 1/8 - 1/4 WATER ROUNDED SILICA GRAVEL CONTAINING NO LIMESTONE OR CLAY.



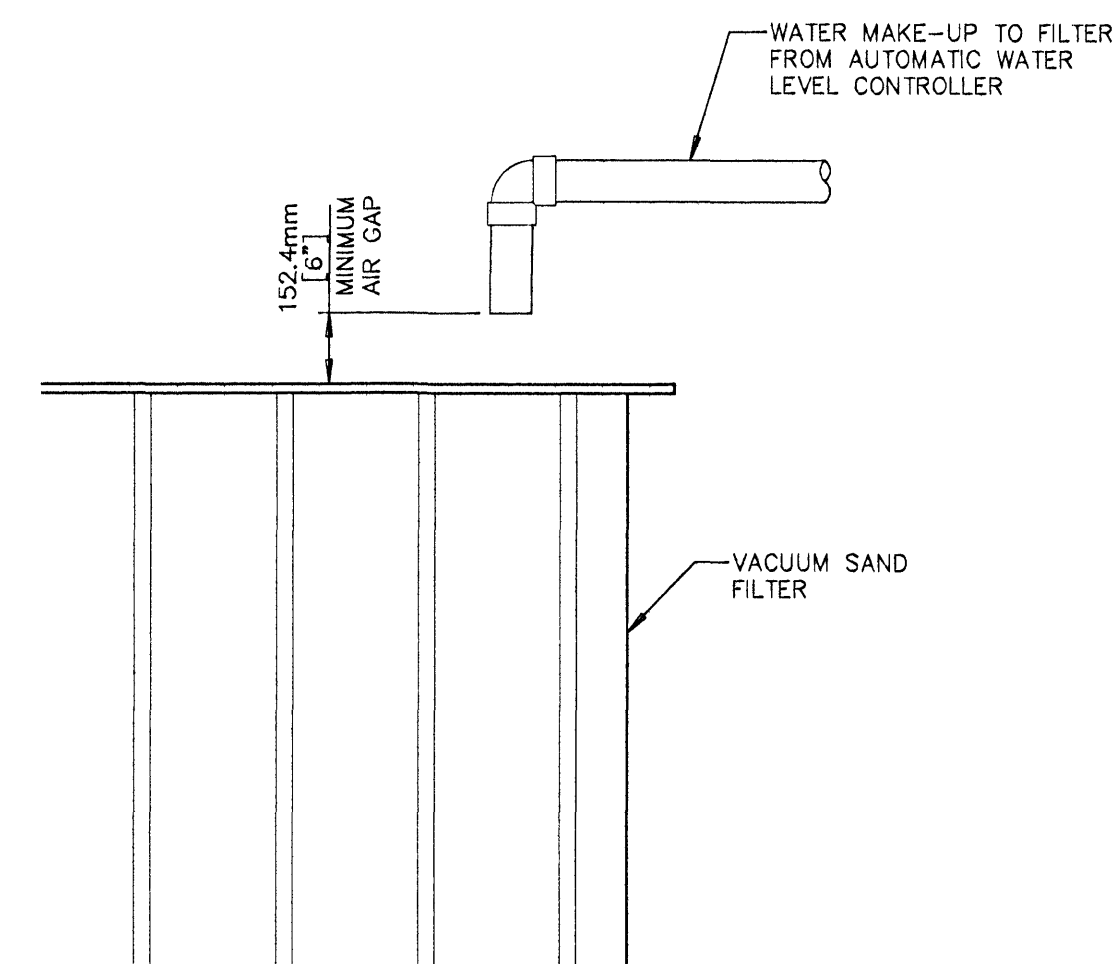
C
8.1g
AIR SCOUR DETAIL



D
8.1g
TANK OVERFLOW



B
8.1g
VACUUM FILTRATION BACKWASH CONTROL/
AUTOMATIC AIR RELEASE SCHEMATIC



E
8.1g
WATER MAKE-UP TO FILTER

1. Do not scale drawings. Refer to or request specific dimensions.
2. Specific dimensions are assumed to be accurate. However, do not use for construction unless verified and certified.
3. Dimensions and details are subject to change without notice unless drawings are certified.
4. For clarity or reference, certain equipment or areas of construction may be shown. Do not assume all items or work illustrated on these drawings to be furnished by Nature Corporation. Refer to equipment schedule or scope of work for specific details.
5. When needed work or equipment is shown, such illustration is for information or clarity only. Always refer to appropriate documents for specific details or instructions.

Sundmidstod
Iceland

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07 MAI 2008
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CHECKED BY: MTW
PROJECT NO.: SHEET NO.:
8.1g