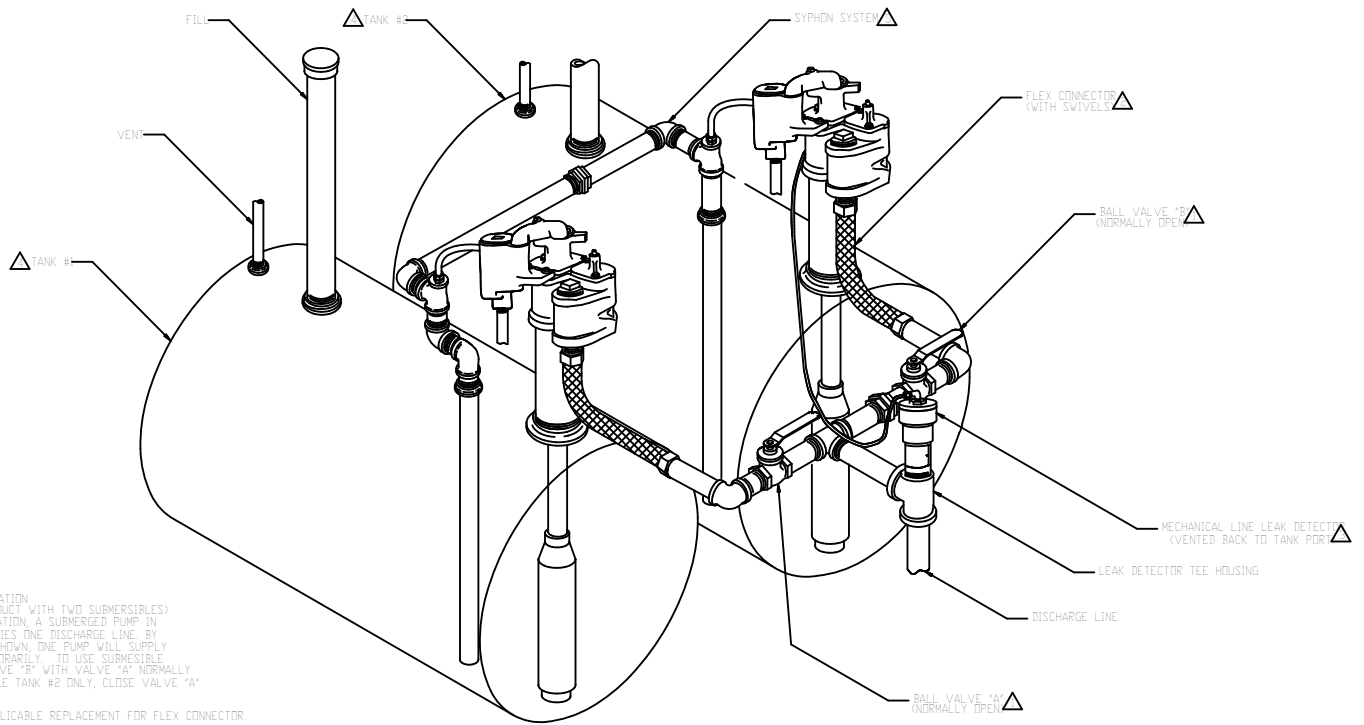


TYPICAL MANIFOLD SYSTEM  
(SINGLE PRODUCT LINE DELIVERY)



NOTES:

- △ MANIFOLDED SYSTEM OPERATION (FOR DISPENSING ONE PRODUCT WITH TWO SUBMERSIBLES)  
IN THIS TYPE OF INSTALLATION, A SUBMERGED PUMP IN EACH TANK #1 & #2 SUPPLIES ONE DISCHARGE LINE. BY THE USE OF VALVES AS SHOWN, ONE PUMP WILL SUPPLY THE DISCHARGE LINE TEMPORARILY. TO USE SUBMERISBLE TANK #1 ONLY, CLOSE VALVE "B" WITH VALVE "A" NORMALLY OPEN. TO USE SUBMERISBLE TANK #2 ONLY, CLOSE VALVE "A" NORMALLY OPEN.
- △ SWING JOINT MAY BE APPLICABLE REPLACEMENT FOR FLEX CONNECTOR PIPING OTHER THAN INDICATED TO BE PER CUSTOMER RECOMMENDATIONS.
- △ MECHANICAL LINE LEAK DETECTORS WILL NOT DETECT LEAKS PRIOR TO THE LEAK DETECTOR TEE HOUSING. MINIMIZE PIPING BETWEEN THE TEE HOUSING AND THE SUBMERISBLES.
- △ TANKS RECOMMENDED TO BE OF SAME DIAMETERS OR WITH TOP OF TANKS ON THE SAME PLANE.
- △ A SYPHON SYSTEM MAY BE DESIRED WITH THIS CONFIGURATION TO UTILIZE FULL STORAGE CAPACITY OF THE TANKS AND REDUCE THE POSSIBILITY OF RUNNING A PUMP IN A DRY CONDITION. THE SUGGESTED SYPHON SYSTEM WOULD BE INSTALLED AS SHOWN ABOVE, WITH THE HIGHEST POINTS OF THE SYPHON LINE CONNECTED AT EACH END TO THE SYPHON CHECK VALVE ASSEMBLY AT EACH SUBMERISBLE. THE SYPHON WOULD BE INSTALLED LIKE THAT OF A TYPICAL SYPHON SYSTEM; REFERENCE ENGINEERING SKETCH ENGSK12 FOR COMPLETE DETAILS, EXCEPT THE SYPHON LINE MUST BE INSTALLED LEVEL RATHER THAN PITCHING UP TOWARD EITHER SUBMERISBLE AS IN A TYPICAL SYPHON SYSTEM INSTALLATION.

INSTALLATION MUST CONFORM TO APPLICABLE NATIONAL, STATE, AND LOCAL CODE REQUIREMENTS.

<p>MANIFOLD 2 STP / 1 MLD ISO</p> <p>ENGINEERING SKETCH ENGSK112</p>							
<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DESCRIPTION	DATE				<p>DATE:  /  /  </p> <p>BY:  </p> <p>CHECKED:  </p> <p>APPROVED:  </p>
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**FEPETROL**