TYPICAL MANIFOLD SYSTEM

Tank #1 & #2 supply one discharge line. By the use of valves as shown, one pump will supply the discharge line temporarily. To use submersible tank #1 only, close valve "B" with valve "A" normally open. To use submersible tank #2 only, close valve "A" normally open.

NOTES:

1. Swing joint may be applicable replacement for flex connector.
2. Piping other than indicated to be per customer recommendations.
3. Mechanical line leak detectors will not detect leaks prior to the leak detector tee housing. Minimize piping between the tee housing and the submersibles.
4. Parts recommended to be of same diameters or with top of tanks of the same plane.
5. A siphon 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 siphon system would be installed as shown above, with the highest points of the siphon line connected at each end to the siphon check valve assembly at each submersible. The siphon would be installed level rather than pitched up toward either submersible as in a typical siphon system installation.

McFarland, WI 53558

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DO NOT SCALE DRAWING STANDARD INCH TOLERANCES (UNLESS OTHERWISE SPECIFIED)

- .XX  .02
- .XXX  .005
- .XXXX  .0005
- +  ++
- .XX  .03
- .XXX  .010
- .XXXX  .0010

OVER 6" UNDER 6"

ANGULAR   1/2+
FRACT   1/64+
SPARE PARTS