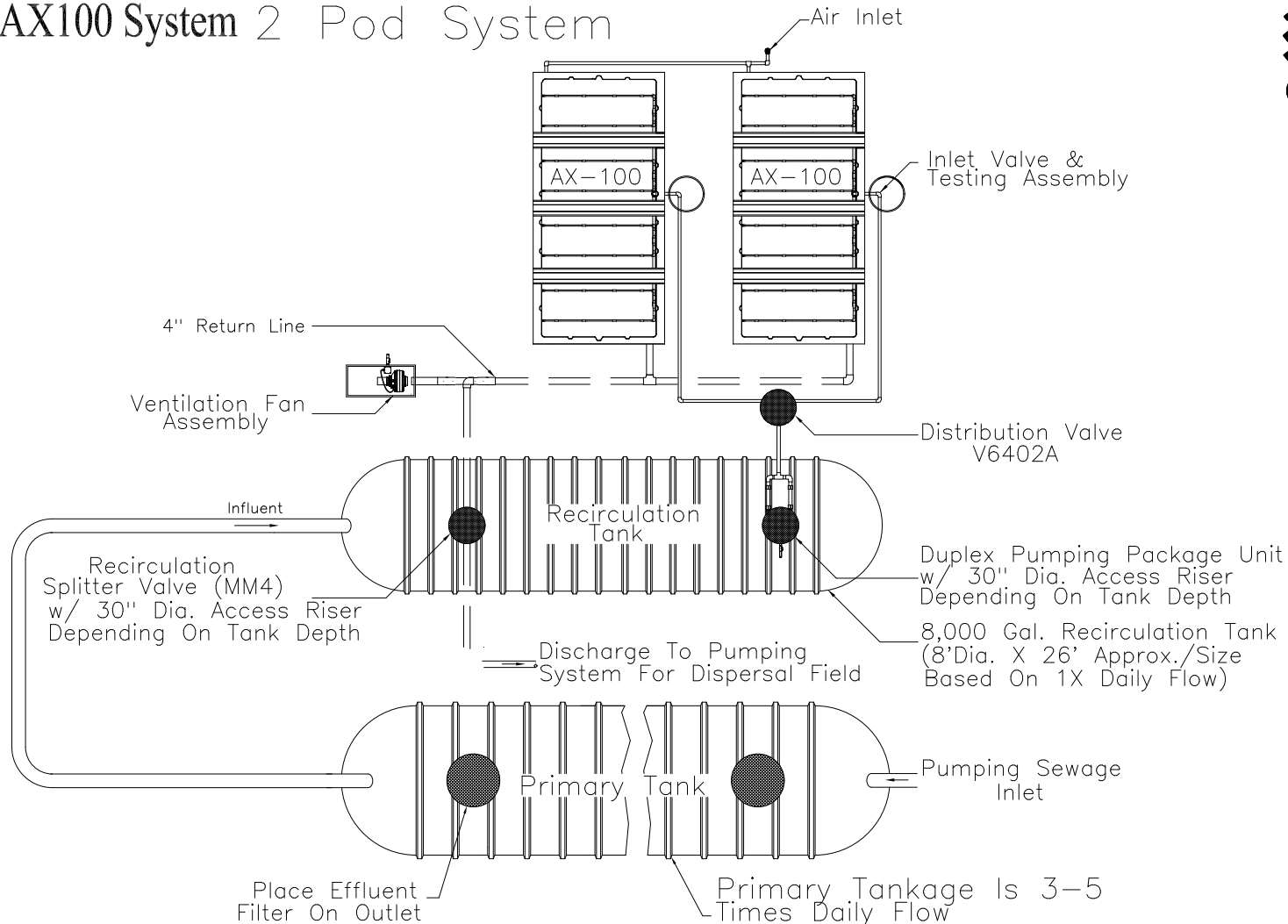


Advan[®]Tex - AX100 System 2 Pod System



Design Notes

Expected Flows

- Q_{ave} = 5,000 gpd
- Q_{peak} = 10,000 gpd

Expected Influent Quality

- Grease & Oil: 20 mg/L
- BOD: 150 mg/L
- TSS: 40 mg/L
- TKN: 65 mg/L

Typical Effluent Quality

- BOD: < 20 mg/L
- TSS: < 20 mg/L
- TN: < 25 mg/L

Recirculation tank is typically sized to equal 80%-100% of peak flow.

Primary Tankage Is 3-5 Times Daily Flow
 Note: Tankage Is Sized Per effluent strength consideration

Consult with Oreco Systems Inc. for applications where expected influent quality and/or targeted treatment goals vary from those stated above.

For engineer drawing and information contact Milan Engineered Systems, Inc.. For instructions on maximizing nitrogen reduction, see "AdvanTex Design Criteria for Commercial Applications" paper (NDA-ATX-COMM-2).

| | |
|----------|----------|
| DRAWN | jdu |
| SCALE | |
| DATE | 12/20/04 |
| APPROVED | |

7125 East Pickard Road
 P. O. Box 309
 Mt. Pleasant, MI 48804-0309
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MILAN
 Engineered
 Systems

| REVISION | DATE | BY |
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| 1. | 12/04 | jdu |
| 2. | | |
| 3. | | |
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| NO | 1 | 2 | 3 | 4 | 5 |
| SHEET | 1 | | | | |
| | OF 1 | | | | |
| DRAWING NO. | AX100/2 | | | | |