### Dairy Digest

**Long Term Design**

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**Tylor Creek Restoration**

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MANURE PIT ELEVATION

ACCESS LADDER

SUBMERSIBLE PUMP

CHECK VALVE

MANURE PIT PUMP DETAIL 1

NOTES

ACCESS LADDER TO SERVICE PUMP. TO BE DESIGNED BY OTHERS.

SUBMERSIBLE PUMP - SPECIFICATIONS OUTLINED IN REPORT.

PUMP BRACING WILL BE NEEDED TO HOLD PUMP IN PLACE AND KEEP PUMP STEADY DURING OPERATION. TO BE DESIGNED BY OTHERS.
NOTES

DESIGNED BY OTHERS:

"HOLD PVC PIPE IN PLACE AND KEEP PIPE BRACING IN PLACE." TO BE DESIGNED BY CONCRETE WALL. TO BE DESIGNED BY OTHERS.

MANURE PIT PUMP DETAIL 2

SCALE: 1/4" = 1'-0"

MANURE PIT ELEVATION - SECTION CUT

SCALE: 1/16" = 1'-0"
NOTES

OTHERS:
Insulated. To be designed by.
Below ground surface will be.
Pipe above the frost line (4').

OTHERS:
Operation and keep steady during
will be received to hold pumps in
outlined in report. Pumping.
Centrifugal pump - specifications.

Water Tank

Centrifugal Pump

Check Valve

Water

Tank

Water Tank Pump Detail 1

Water Tank Pump Detail 2

Water Tank Pump Detail 3
NOTES

to access basement level. To be

designed by others.

slurry tank to aide in water/slurry mixing.

pipe bracing will be needed to hold PVC pipe in place and keep steady during operation. To be designed by others.

metal poles to support the 1st floor.
Tyler Creek Restoration

Digestier Details - 4

RETENTION TIME:
CONNECTION IN SERIES TO EXTEND BETWEEN DIGESTERS FOR POTENTIAL PIPES CONNECTING DIGESTERS ALLOWS FLOW

NOTES