

Caperonis - 19 Stonecleave Road, Boxford

1.50 inches feet

feet

feet

1.50 inches

1/8 inches

2 feet

2.6 feet

0.1 feet

0.0 feet 0.0 feet

4.5 gals

15.9 gals

29.6 gpm 12.9 feet

10.7

0.0

feet feet

feet

gals

None inches

feet

None

Discharge Assembly Size

Transport Pipe Class Transport Line Size Distributing Valve Model

Max Elevation Lift

Manifold Pipe Class Manifold Pipe Size

Number of Laterals per Cell

Manifold Length

Lateral Length

Lateral Pipe Class

Lateral Pipe Size

Residual Head

Calculations

Transport Velocity

Loss in Transport Loss through Valve

Loss in Manifold

Loss in Laterals

Pipe Volumes Vol of Transport Line

Vol of Manifold

Total Volume

Design Flow Rate

Total Dynamic Head

Loss through Flowmeter 'Add-on' Friction Losses

Vol of Laterals per Zone

Minimum Pump Requirements

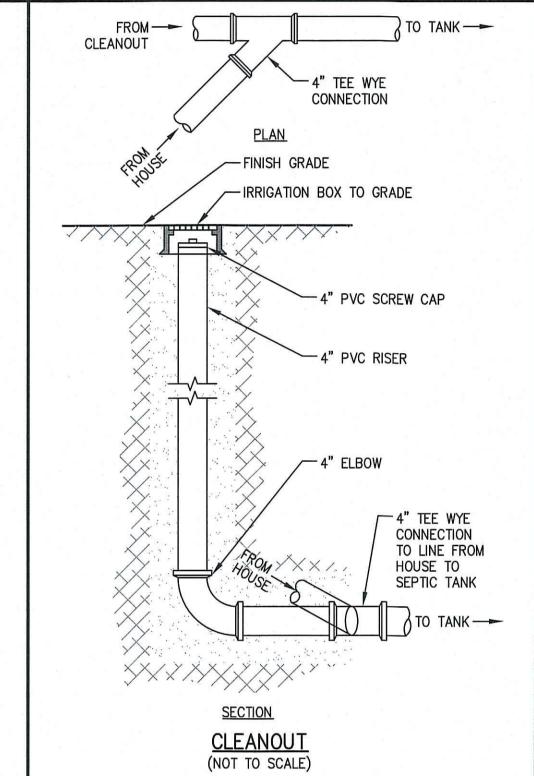
'Add-on' Friction Losses

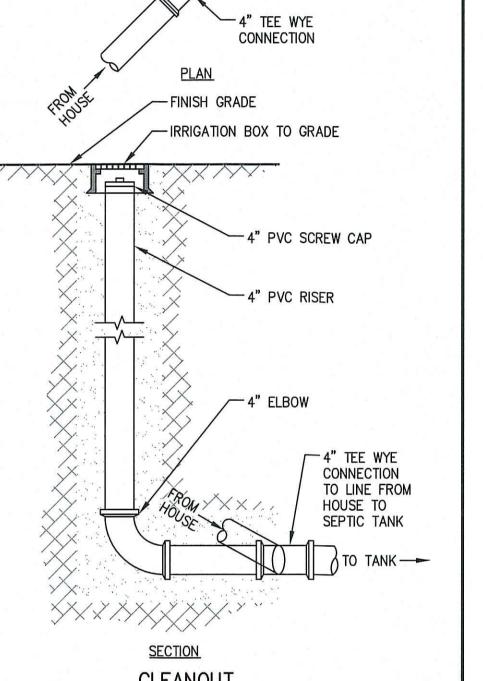
Number of Orifices per Zone Total Flow Rate per Zone Number of Laterals per Zone

% Flow Differential 1st/Last Orifice 0.8 %

Orifice Size Orifice Spacing

Flow Meter





102 — EXISTING — SEPTIC

— USE ORENCO PKP350 Pump Selection for a Pressurized System - Single Family Residence Project PUMP (OR EQUAL) Orenco Systems^e Incorporated Changing the Way the World Does Wastewater® System Curve: Pump Curve: Operating Point: Net Discharge (gpm)

SCHEDULE OF INVERTS

 \triangle INV \bigcirc FOUNDATION = 96.5'±

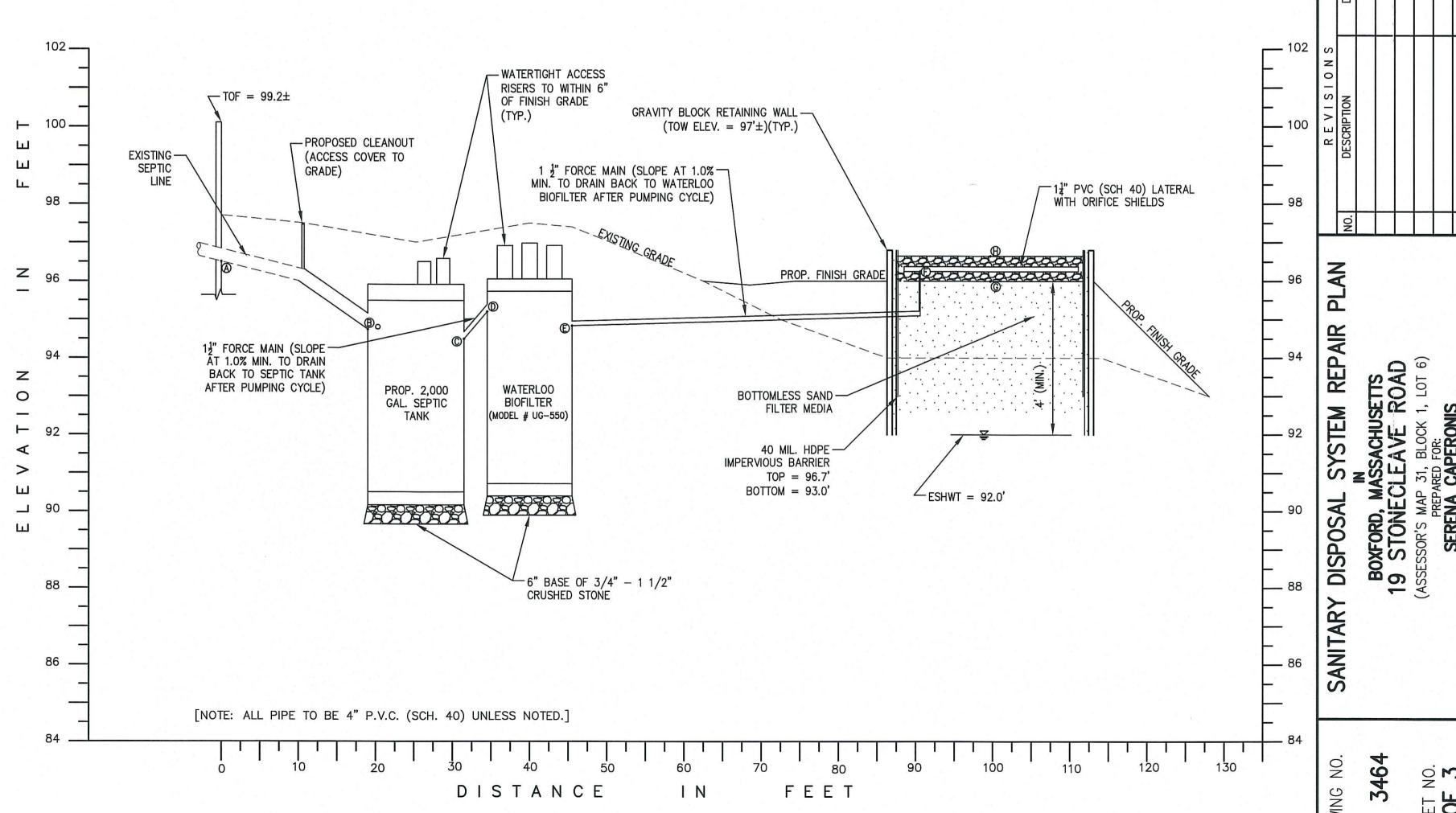
® SEPTIC TANK IN = 94.72'

© SEPTIC TANK OUT = 94.47'

 \bigcirc WATERLOO IN = 95.21'

D WATERLOO OUT = 94.96'

© INV. BSF LATERALS = 96.25' © BOTTOM OF BSF GRAVEL = 96.0' ① TOP OF BSF GRAVEL = 96.75'



SYSTEM PROFILE ALONG FLOW PATH V: 1"=2' H: 1"=10'