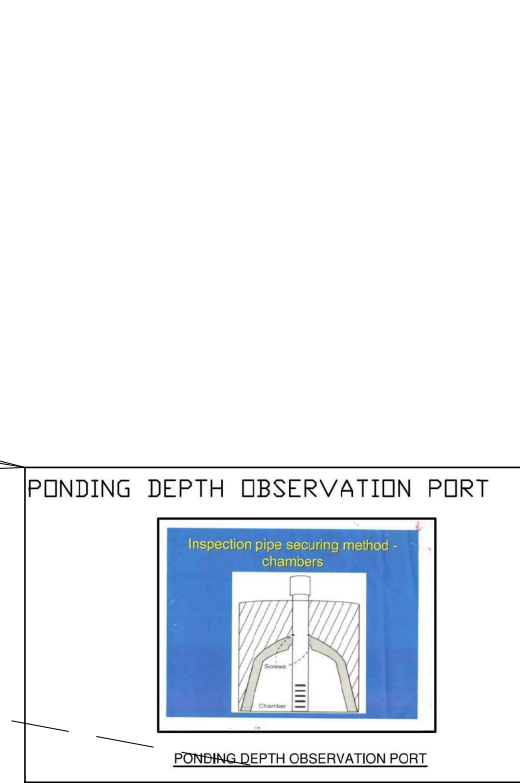
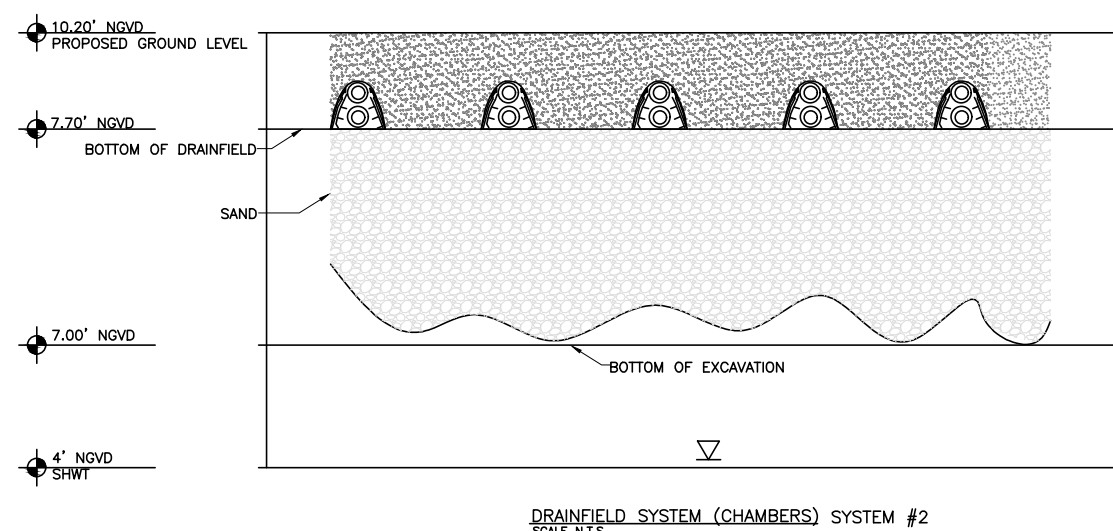
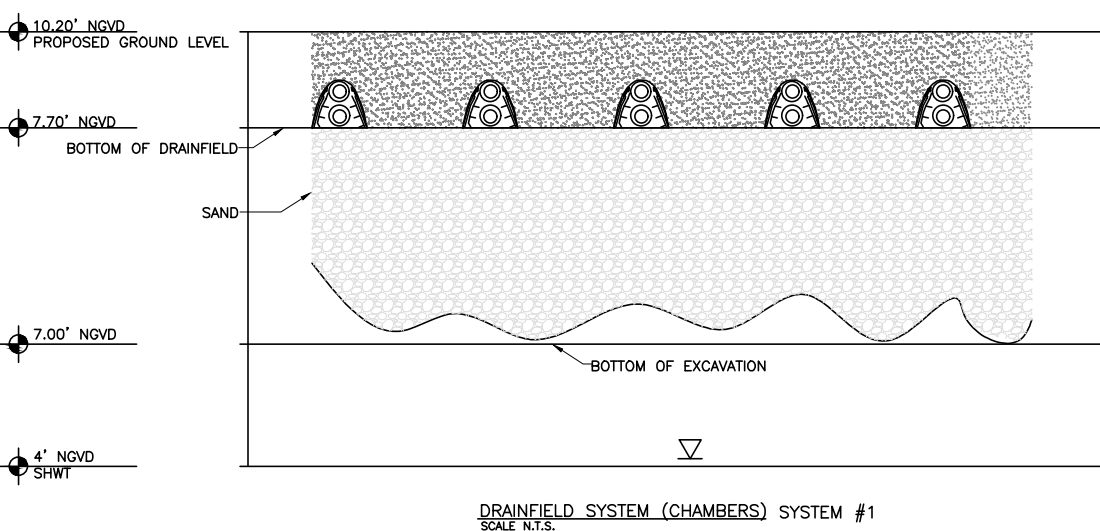




TREATMENT STANDARDS		
POLLUTANT	REQUIRED (mg/L) (ANNUAL AVERAGE)	PROPOSED (mg/L) (ANNUAL AVERAGE)
CrO ₄	10 MG/L	4 MG/L
TSS	10 MG/L	9 MG/L
TN	>=50% Reduction-99 MG/L	68%
TP	10 MG/L	10 MG/L
FECAL COLIFORM (cfu/100ml)	200 CFU/ 100 ML	2 CFU/ 100 ML



Certification of Design

I certified that the engineering features of this performance-based treatment system have been designed or specified by me and conform to engineering principles applicable to such projects. In my professional judgment, this system, when properly constructed, operated and maintained, will achieve the established performance standard and comply with all applicable status of the State of Florida and rules of the Department.

This is based on average Testing Performance Data For components of Performance-Based Treatment Systems (PBTs) by E. Roeder, for innovative system testing in Florida or from test centers for evaluation of use in nutrient and fecal coliform reducing PBTs or from test centers for NSF-certification as Aerobic Treatment Units (ATUs).

Florida-approved NSF 40-Certified Models

Florida-approved NSF Standard 245

Nitrogen-Reducing, certified Aerobic Treatment Units in Florida (Rule 64E-6.012, Florida Administrative Code)

Norweco Singular TNT-500, 600, 750, 800, 1000, 1250, 1500

Average Influent Nitrogen Reduction NSF 245 Completion report 68%

Singular TNT TN=6.80 mg/L, CBO₅=6 mg/L, TSS=10 mg/L

TP treatment anticipates sufficiently low influent concentrations and is expected to meet the establish performance standard.

Testing Facility: Chelsea, MI

- 1- At the high water level, the system alarm sound. The Owner must contact the Maintenance entity within 24 hours of alarm.
- 2- Maintenance entity personnel will inspect the system, and order a repair on the problem as necessary, within 36 hours as specified in 62-6.012 (4)(b)
- 3- Owner shall be have tanks pumped as required to prevent the creation of sanitary nuisance conditions until such time as repairs are effected which prevent sanitary nuisance conditions.

[illegible]

COPYRIGHT BALLI-TRAUTMAN ARCHITECTS, LLC
1533 SUNSET DRIVE SUITE 101, CORAL GABLES, FL 33134