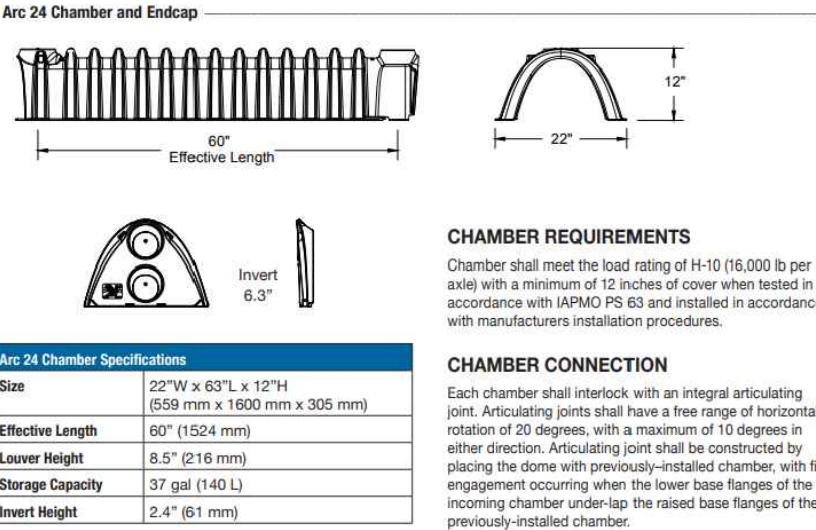
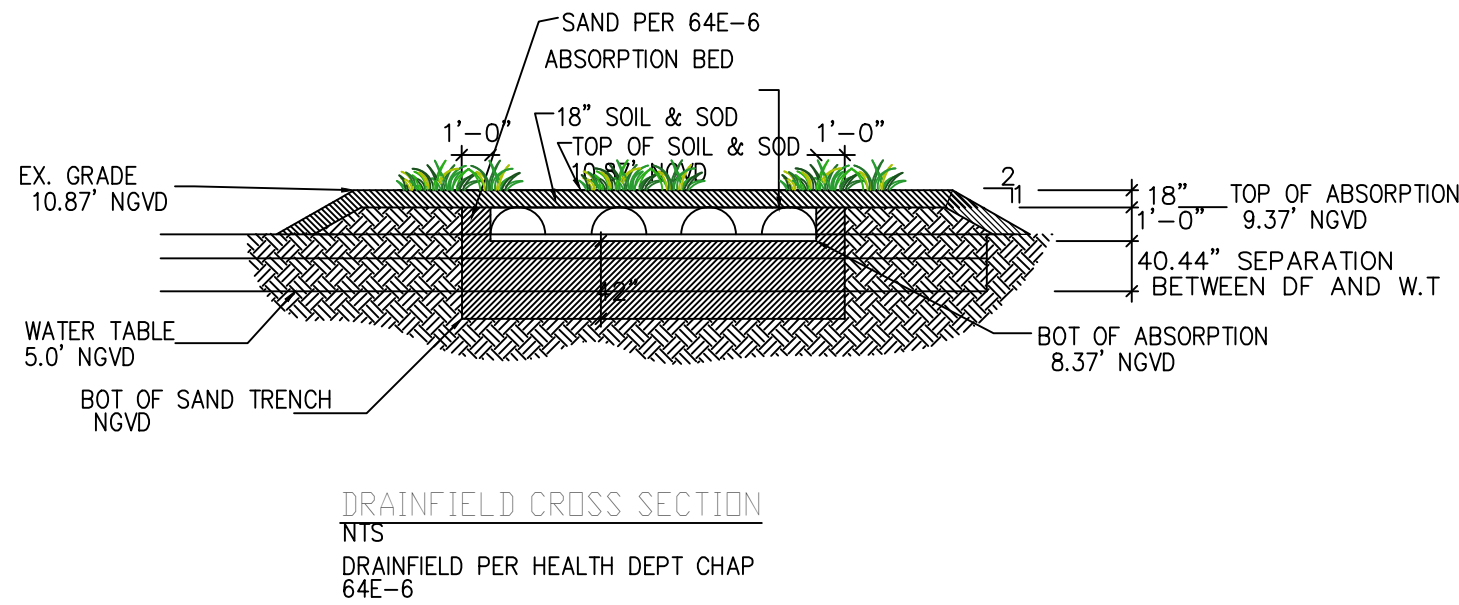




TREATMENT STANDARDS		
POLLUTANT	REQUIRED (M G/L) (ANNUAL AVERAGE)	PROPOSED(MG/L) (ANNUAL AVERAGE)
CBOD	10 MG/L	4 MG/L
TSS	10 MG/L	9 MG/L
TN	50 % REDUCTION	68 %
TP	10 MG/L	10 MG/L
FECAL COLIFORM (CFU/100ML)	200 CFU/100 ML	2 CFU/100ML



WTI/MDR ENGINEERED ATU
OPERATION, MAINTENANCE AND INSPECTION SPECIFICATION

Operation:
Power supply to all electric components must remain constant at all times. It is not acceptable to disconnect power from the system at any time except under the direction of the maintenance entity or in case of emergency.
Homeowner is not to power off during extended absences from home, vacation or otherwise. Liquid waste treatment additives shall not be used.

Maintenance and inspection 2/ year contract

- Inspections Effluent monitoring and preventative maintenance shall be performed as required by 62-6 Part I, FAC.
- First inspection :At system installation by engineer
- Second :After system has been in operation a total of 6 months by maintenance entity
- Thereafter:Every 6 months, as part of maintenance entity inspection.Maintenance entity inspection include.
- Solids Check accumulation (expect pump- out every 3 to 5 years)
- Blower:Confirm proper operation, clean air filter as required.
- Alarm:Trip all alarms manually to confirm affective operation.
- Outlet Filter: Operate filter plunger.remove,clean and reinstall as required.
- Pump: Check operation by manually tripping float switch.Operate each pump manually at control panel.
- Monitoring to be conducted semi Annually
- Monitoring Sampling :At SAMPLING PORT pollutant to be check
- Pollutant to be check
 - *Ponding depth quarterly
 - TP ≤ 10 mg/l
 - TSS 10mg/l Reduction
 - TN $\leq 50\%$ Reduction
 - CBOD 10mg/l/Reduction
 - Fecal coliform = ≤ 200 fc col/100 ml

CONTINGENCY

- 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 FAC.
- 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.

Certification of design

Certified that the engineering features of this performance-based 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 and operated and maintained will achieve the established performance standard and comply with all applicable status of the Status of Florida and rules of the Department.

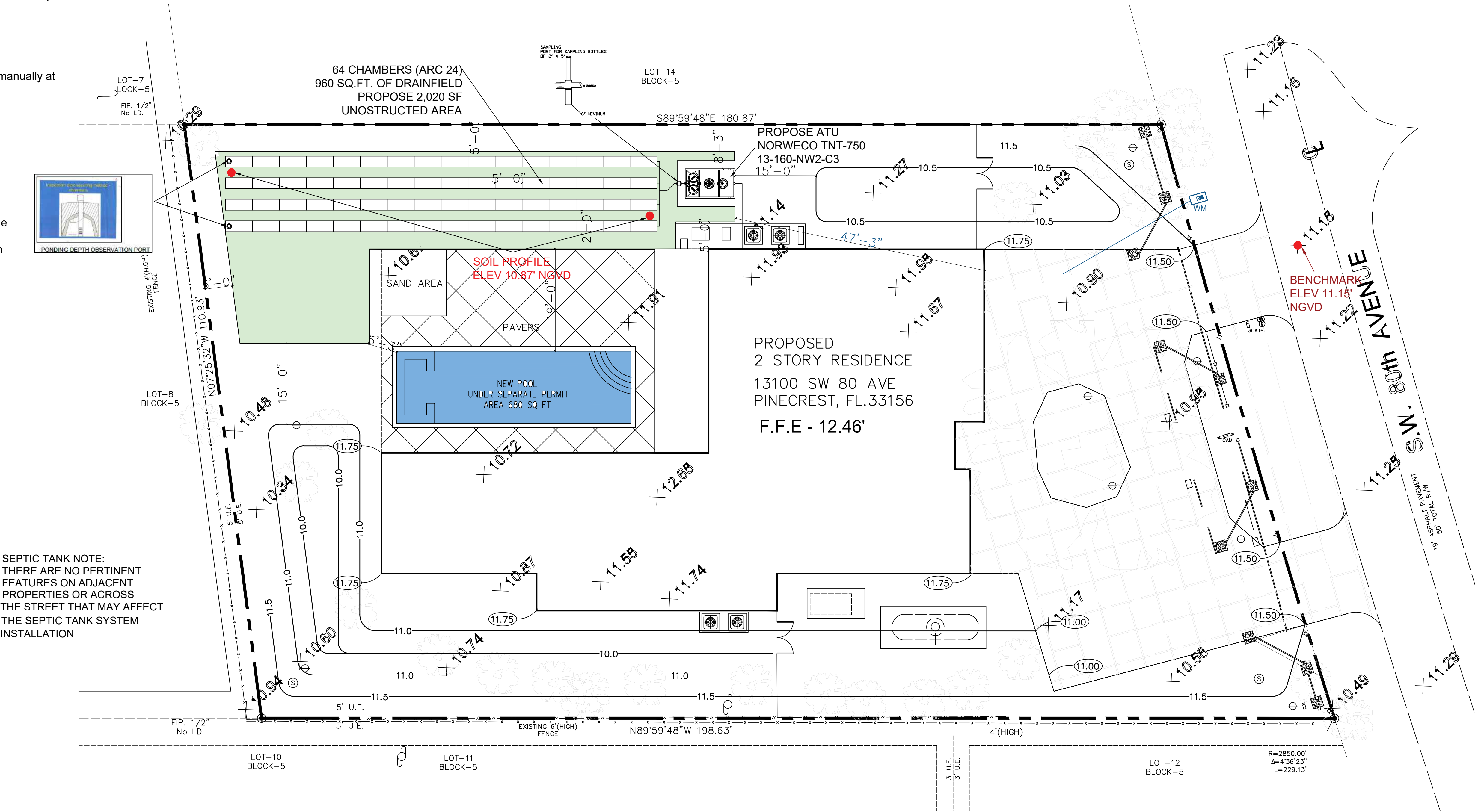
This is based on average Testing Performance Data for components of Performance-Based Treatment System (PBTS) by E. Roeder for innovative system testing in Florida or from test center for evaluation of use in nutrient and fecal coliform reducing PBTS or from test center for NSF-certification as Aerobic Treatment Unit s(ATUs)
Florida-approved NSF 40-Certified Models

Florida-approved NSF standard 245
Nitrogen-Reducing, certified Aerobic Treatment Unit in Florida
(Rule 62-6 FAC, Florida Administrative Code)
Norweco Singular 960-500, 600, 750, 800, 1000, 1250, 1500
Average total nitrogen reduction NSF 245 Completion report 68%
Singular TNT TN=6-80, CBOd5=6 mg/l, TSS=10 mg/l
TP treatment anticipates sufficiently low influent concentration and
is expected to meet the establish performance standard testing facility Chelsea

COVER LETTER REQUESTING APPROVAL OF A PBTS
Aida Sardinas P.E
FL reg 61836
15263 SW 35 TER MIAMI FL 33185

Property for PBTS request
13100 SW 80 AVE
MIAMI FL
Folio# 20-5015-006-0770

We are hereby requesting approval of a Performance-Based Treatment system (PBTS)

[illegible]

FPM PINECREST 8 LLC
13100 SW 80 AVE MIAMI FL

DRAWN AS
CHECKED CM
DATE 3/13/2025
SCALE 3/32"=1'
JOB NO.
SHEET NUMBER
SP-SEPTIC