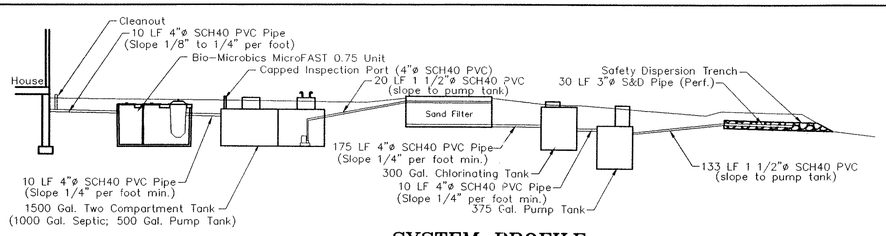
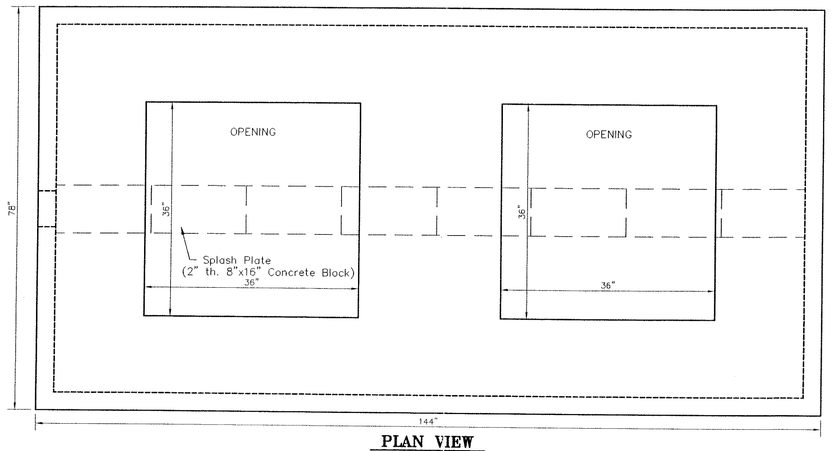
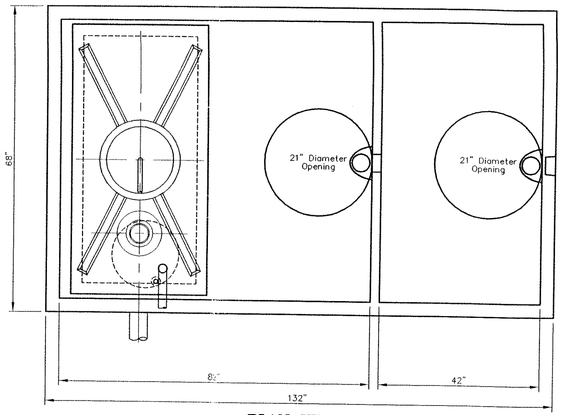


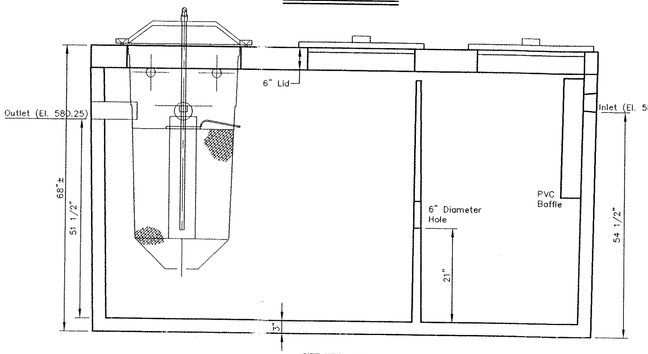
SYSTEM PROFILE
NTS



PLAN VIEW
NTS

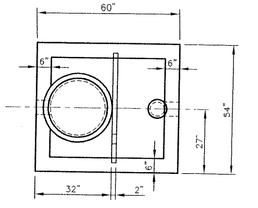


PLAN VIEW

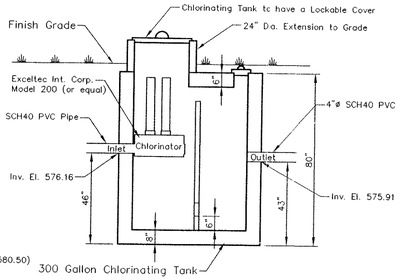


SECTION

BIO-MICROBICS MICROFAST 0.75
NTS

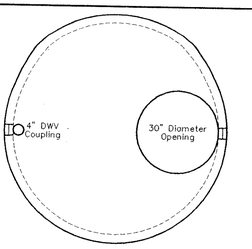


PLAN VIEW

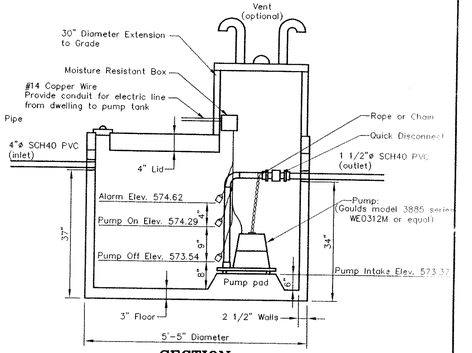


SECTION

300 GAL. CHLORINATING TANK
NTS

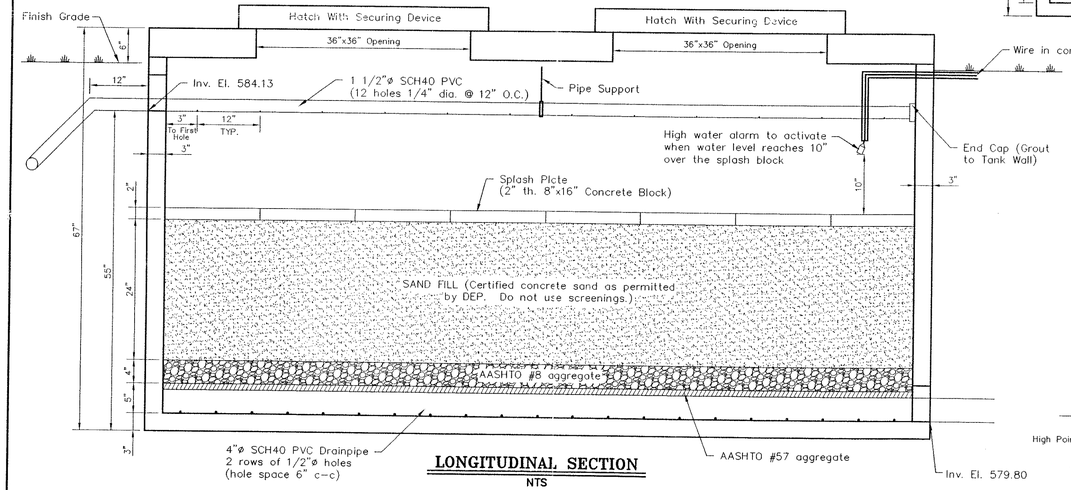


PLAN VIEW



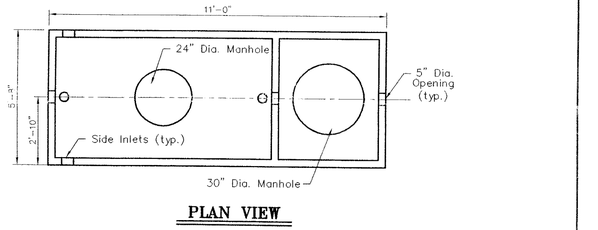
SECTION

375 GAL. PUMP TANK
NTS

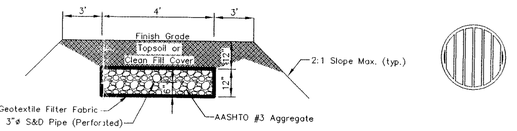


LONGITUDINAL SECTION
NTS

SAND FILTER

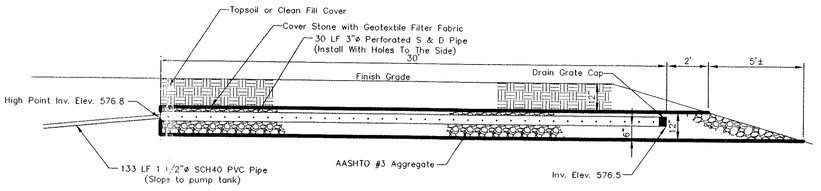


PLAN VIEW



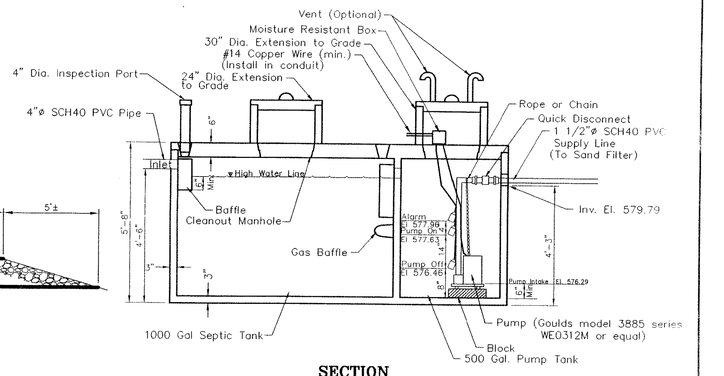
CROSS-SECTION

DRAIN GRATE CAP DETAIL



LONGITUDINAL SECTION

SAFETY DISPERSION TRENCH
NTS

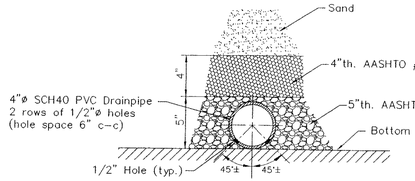


SECTION

1500 GAL. TWO COMPARTMENT TANK
NTS

CONSTRUCTION NOTES

1. Bench mark datum is arbitrary.
2. All tanks are to be set on level and firm ground. Any overdig shall be filled with 2B stone and compacted. Tanks shall be set in place and backfilled on the same day as excavation. Care shall be taken during backfilling so that no rocks, debris, or other deleterious material damages pipes, tanks, etc. Frozen material, large rocks, or any other unsuitable material shall not be used to backfill.
3. All connections of pipes to tanks shall be made by means of water tight mechanical seals or hydraulic grouting. Use of portland cement grouting is not permitted.
4. Particular care shall be taken to grade around the sand filter in such a manner that the sand filter will be protected from storm water runoff.
5. The chlorinating tank shall be equipped with a sturdy lockable cover and shall have provision for access to allow maintenance and inspection. THE CHLORINATING TANK CONTAINS HAZARDOUS GASES. THE HOMEOWNER SHOULD NOT ENTER A CHLORINATING TANK.
6. Visual and audible type alarms are required for the pump. These alarms, when electrically operated, must be connected to a separate circuit from the pump. All electrical connections must be moisture resistant and must be located outside of the dosing tank proper.
7. All areas of the site disturbed due to construction operations shall be topsoiled with a minimum of four inches of topsoil and graded smooth. Lawn areas shall be raked, fertilized, and seeded. Seeded areas shall be protected against erosion by spreading straw to a uniform loose depth of 2".
8. If any discrepancies arise between the project plans and the actual field conditions requiring modifications, the owner or contractor shall immediately contact the design engineer.



UNDERDRAIN PIPING DETAIL
NTS

Mease Engineering, P.C.
Office (215) 536-7005
Fax (215) 536-8581
516 W. Broad Street
Quakertown, PA 18951
PROFESSIONAL ENGINEERING & SURVEYING

NO.	DATE	DESCRIPTION	BY

TOMLINSON SEWAGE SYSTEM DESIGN

Haycock Township, Bucks County, Pennsylvania

SCALE: As Noted | DRAWN BY: GJK
DATE: 6 May '04 | FILE: 04060102

OWNERS OF RECORD:
Marie Tomlinson
1244 Asbury Ave.
Ocean City, NJ 08226

T.P. 14-2-39

SHEET 2 of 2