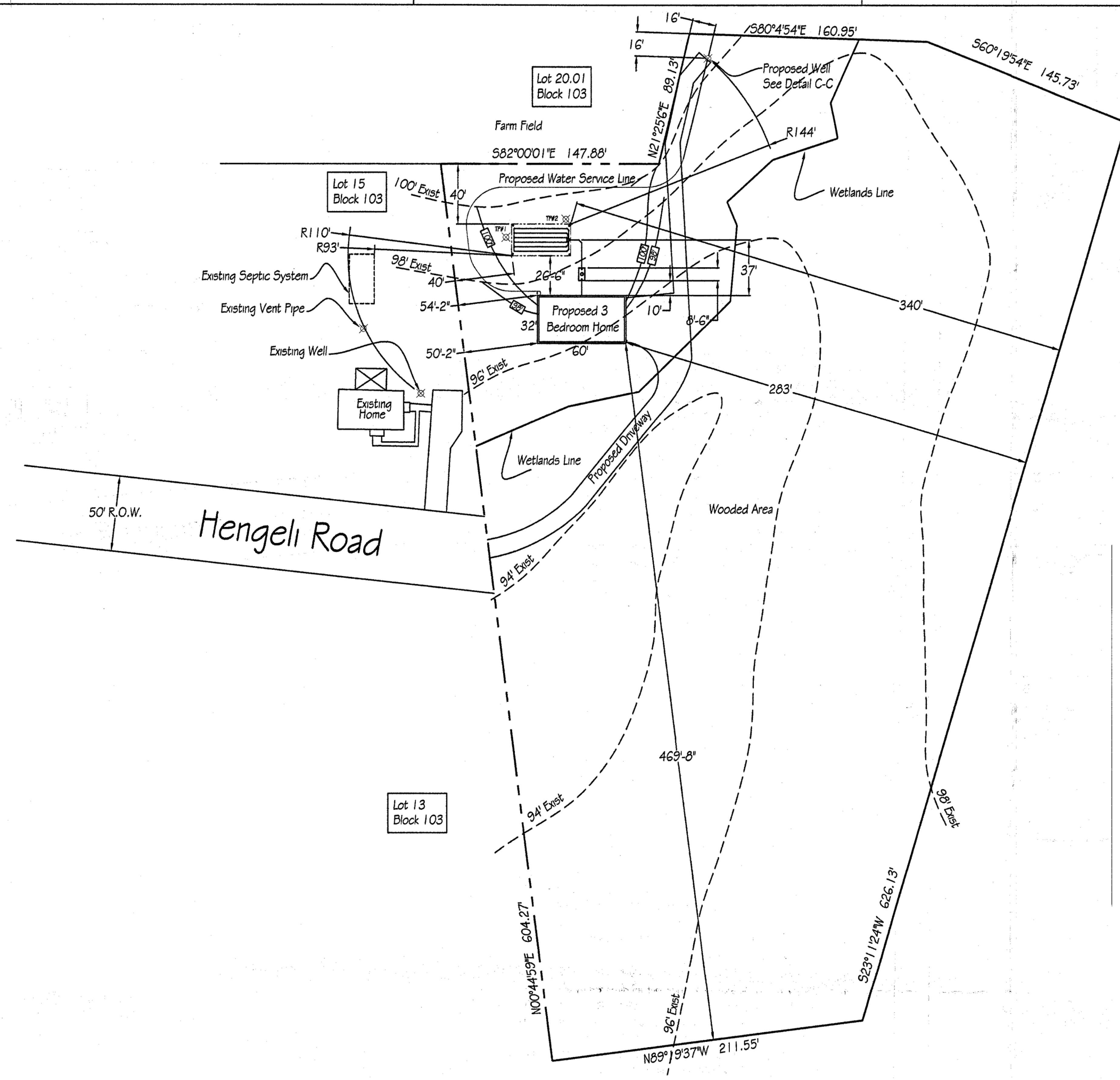
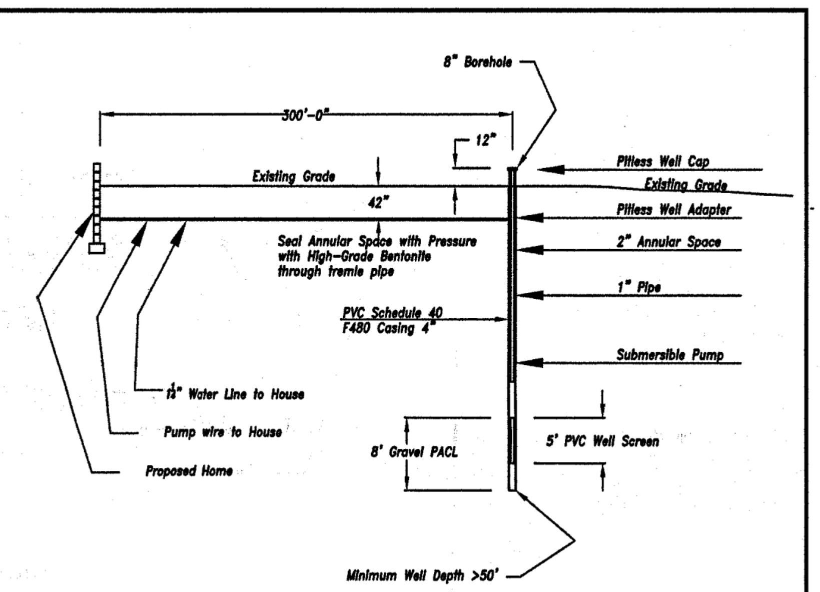
NOTES:

1. The building sewer to be in conformance with the Uniform Construction Code NJAC 5:23.
2. Precast tanks provided by Mershon to have (ACI) certification displayed on tank.
3. Backfill around septic tank is to placed in thin 8" layers.
4. Pipe joints in connecting pipes or delivery pipe are water-tight and protected against damage by roots.
5. Connecting pipe and/or delivery pipe is to be laid on a firm foundation satisfactory to administrative authority.
6. Connecting pipe has a minimum grade of 1/4" per foot, unless otherwise authorized by Administrative Authority.
7. Connecting pipe is to be laid in a continuous grade and in a straight line.
8. All joints and connections water-tight. Solvent weld joints.
9. In the disposal bed, holes in adjacent laterals are offset by 1/2 the hole spacing. Hole locations along invert of the pipe. All holes are to be deburred.
10. Adequate measures shall be used to insure bottom of Disposal Bed is level.
11. Smeared or compacted soil surfaces produced on bottom or sidewall of the excavation shall be removed to expose a fresh soil surface which is rough and uneven.
12. Work should be scheduled so that the bottom and sidewalls of the excavation will not be exposed to rainfall or wind-blown silt between time of excavation and time of final inspection and backfilling.
13. Any loose soil or debris which is washed into or deposited within the excavation shall be removed.
14. Crushed stone filter material to be laid into excavation using a backhoe, front-end loader or dump truck from sides.
15. Backfill over disposal bed with earth similar to that site free of stones, stumps, or waste material, and to not be more permeable than the surrounding soil.
16. Fill material is to be spread and compacted in layers of one(1) foot or less in thickness.
17. Compaction will be accomplished manually or mechanically by tamping, rolling, or driving over fill in controlled pattern.
18. Heavy equipment will not be driven directly on exposed area of the excavation. Minimum one(1) foot fill below tracks at all times.
19. In soil textures other than sands or loamy sands, excavation which exposes the infiltrative surface of the disposal field is not carried out when the soil moisture content is above the lower plastic limit.
20. Excavation will be carried out in a manner that will avoid unnecessary compaction of the disposal field.
21. Heavy Equipment will not be driven over the exposed infiltrative surface of the of the disposal field.
22. Excavation to be carried out with a backhoe operating from outside the perimeter of previously excavated portions of the disposal field.
23. If necessary to walk on the disposal field bottom, a suitable board shall be laid over the soil.
24. Filter material is washed gravel, or crushed stone free of fines, dust, ashes and clay.
25. Filter material conforms in size and graduation to size #24, #3 and #4.
26. Compaction of fill shall be carried out as directed by a professional engineer and as indicated on the approved engineering design.
27. Filter materioa is to be laid into excavation using a backhoe, front-end loader or dump truck from sides.
28. Tracked equipment may be used in large beds provided not greater than 8 lb/sq. inch and filter material 1 foot below vehicle.
29. Backwash from water softeners shall not be disposed of within the subsurface sewage disposal system.
30. Drainage from basement floors, footings or roofs shall not enter the individual subsurface sewage disposal system and shall be diverted away from the area of the disposal field.
31. Prior to placement of fill, excessive vegetation shall be cut and removed. Large trees including stumps shall be removed.
32. The delivery pipe from the disposal tank is be be installed and excavation backfilled and completed prior to preparation of the ground surface for fill placement.
33. The area within the perimeter of the mound is to be plowed or disked to produce a roughened surface. Plowing is to be done using two or large moldboard plow or chisel plow and shall be parallel to the topographic contour in such a direction that each plow furrow will be thrown upslope. Soil to be broken to a depth of 6" to 8".
34. Topsoil to be lightly compacted by tamping or rolling.
35. All joints and connections shall be watertight. Solvent weld joints shall be used.
36. All holes in laterals to be in straight line and along pipe invert.
37. Each distribution line to be approximately level. In no case shall it exceed 2"/100 foot slope.
38. Distribution Lateral Piping Material: Polyvinyl Chloride(PVC) (ASTM D-2729, D-3033, D-3034) Acrylonitrile-Butadiene-Styrene(ABS) (ASTM D-2751)
39. If Drainage Fabric is used, the fabric shall have an adequate tensile strength to prevent ripping during installation and backfilling, adequate air permeability to allow free passage of gases, and adequate particle retention to prevent downward migration of soil particles into the filter material.
40. As built drawings required to be submitted to the Freehold Township Health Department with the Certificate of Compliance

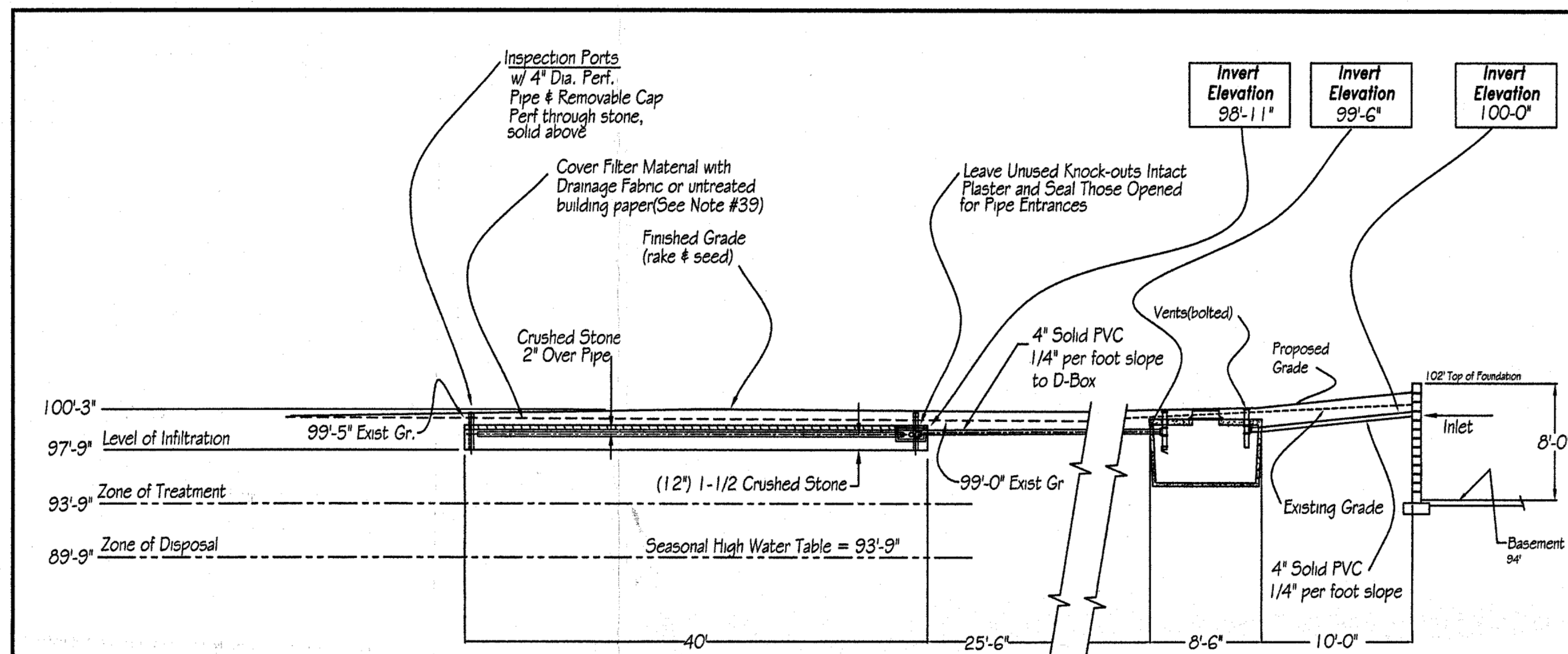


SITE PLAN

Scale 1" = 100'-0"



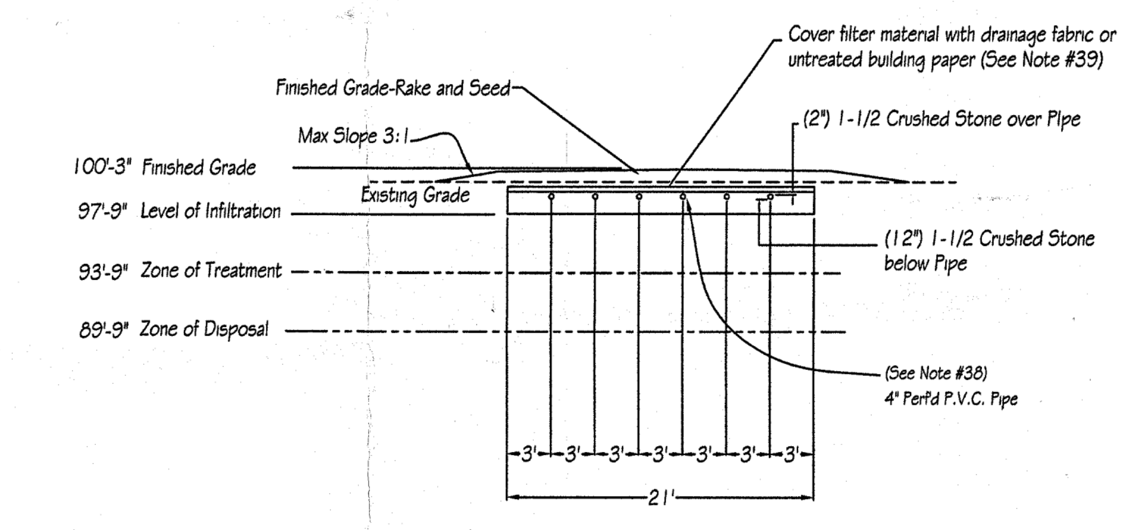
SECTION "C-C"



SECTION "A-A"

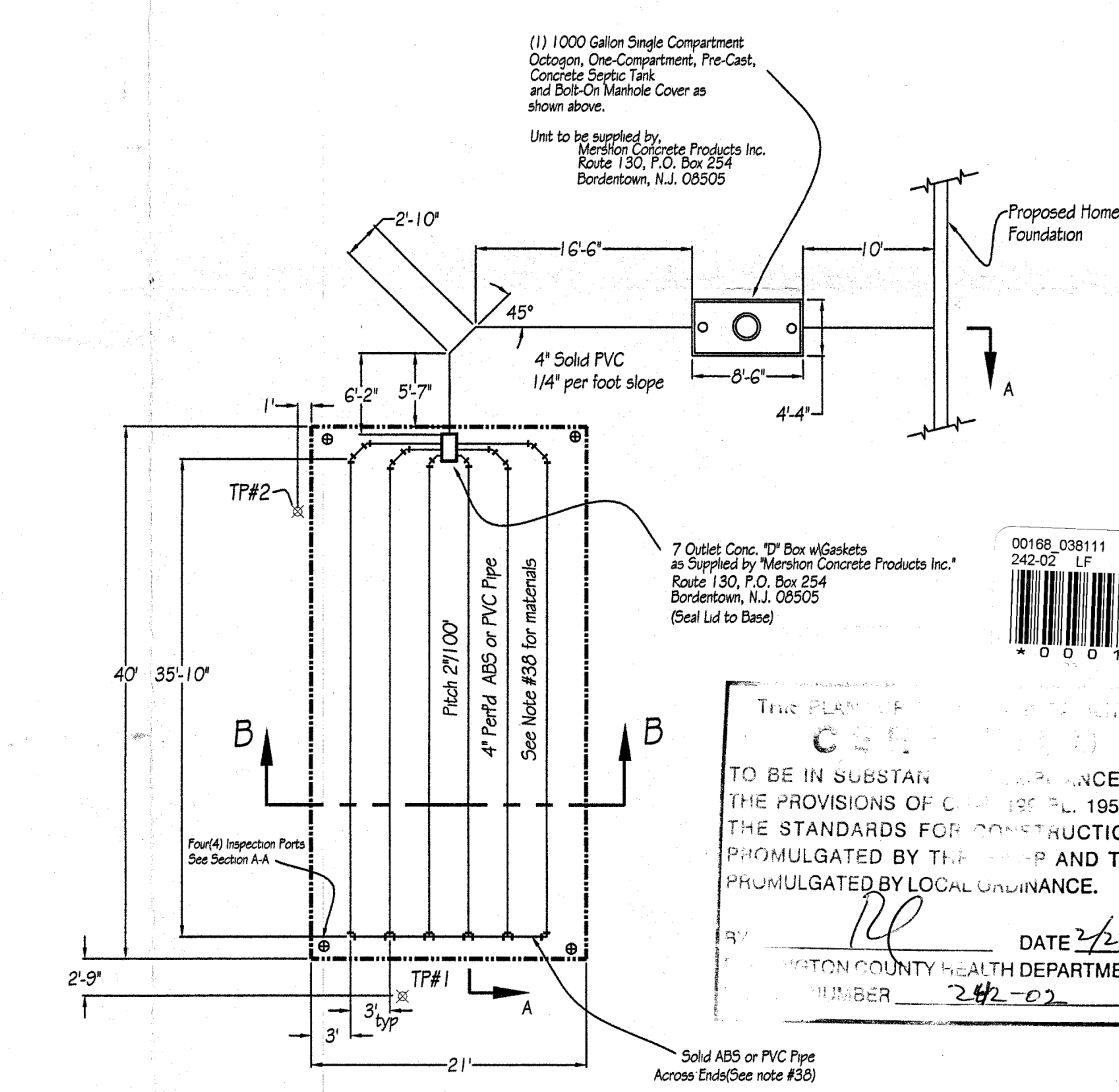
(Scale 1" = 10'-0")

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



SECTION "B-B"

Scale(1" = 20'-0")



DISPOSAL BED PLAN VIEW

Scale 1" = 20'-0"

00168_038111 3395
242-02 LF
00010MX0

THIS PLAN ... IS
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TO BE IN SUBSTAN... ...NCE WITH THE PROVISIONS OF C... 19.. P.L. 1954 AND THE STANDARDS FOR CONSTRUCTION AS PROMULGATED BY TH... ...P AND THOSE PROMULGATED BY LOCAL ORDINANCE.
BY
DATE 2/27/06
...TON COUNTY HEALTH DEPARTMENT
NUMBER 242-02

...TION
BUI... ...NSTALLERS, OWNE... ...INSPECTOR
SPECIAL INS... ...ATION REQUIREMENTS MUST BE CON... ...ED WITH PRIOR TO COVER U... ...FINAL APPROVAL BY THIS DEPAR...
BURLIN... COUNTY HEALTH DEPARTMENT

Property ~~Surveyed by Goldenbaum Baill Assoc~~
Kenneth E. Baill, PE, PLS, PP, dated 9/15/02

System Parameters
Number of Bedrooms= 3(Residence)
Design Volume = 500 gal/day
Soil Type = K4 (Select Fill)
Permeability Rate 6-20 in/hr
Field Bottom Area = 1.61 sq.ft/gal/day
Minimum Field Size = 500 x 1.61 = 805 sq.ft
Proposed Field Size = 21' x 40' = 840 sq ft

Legend:

[24.4'] ×	Proposed Spot Elevation
24.4' ×	Existing Spot Elevation
—[24.4']—	Proposed Contour Line
- - 24.4' - -	Existing Contour Line

Additional Notes:
1. No existing or proposed water courses within 100'.
2. Existing or proposed water supplies in encased well and extend more than 50' below grade.
3. No existing disposal systems within 50'
4. Public sewerage not available.
5. Sanitary waste only.
6. Wells of adjacent lots greater than 100 feet from from proposed system.

STANDARDS FOR THE CONSTRUCTION OF INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEMS
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
N.J.A.C. 7.9A-1.1 et seq.

I here-by certify that this drawing was prepared under my supervision and accurately reflects conditions as of the date of my seal. Any changes made to this design or to the conditions herein described by this drawing, without my knowledge and consents, can void any further responsibility of my own for the correct operation of the final system or its approval.

N.J. LICENSE No. 22338

R.Weatherford,P.E. New Egypt, N.J.

DRWN BY R.E.W. 10/24/05
CHKD BY

RBS Engineering Co.
P.O. BOX 301
NEW EGYPT, N.J. 08533

INDIVIDUAL SEWAGE DISPOSAL SYSTEM, New to the premises of:
Lot 14, Block 103
Mr. Joseph Hoffman
Hengeli Road, Chesterfield Township(Burlington Cty)

INSTALLER: William Miller & Sons, Inc. Cookstown, NJ

SIZE D

NUMBER 1017-1

SCALE See Drawing Notes

SHEET 1 of 1