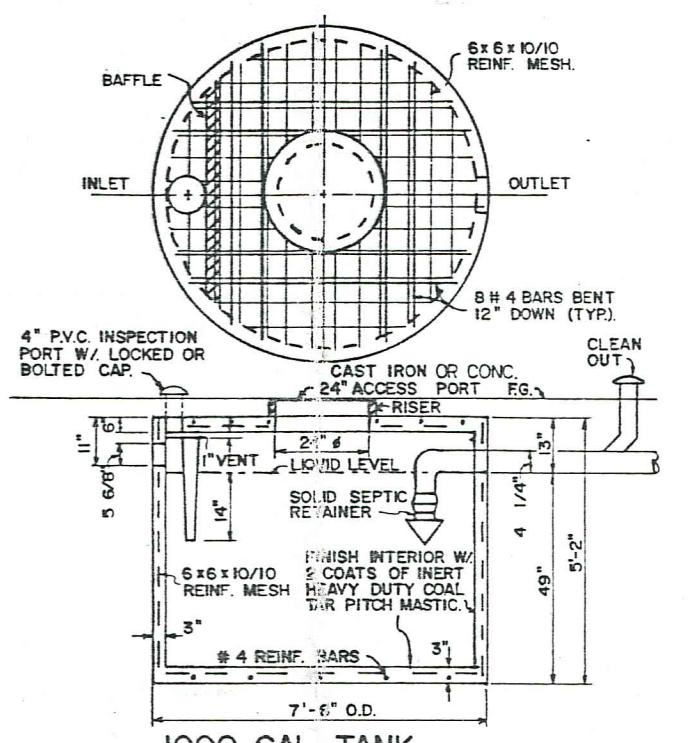


El. 99.78'
 0-10" Topsoil
 10"-24" Brownish yellow (10yr,6/8) moderate subangular blocky friable sandy loam.
 24"-48" Reddish yellow (7.5yr,6/8) moderate subangular blocky friable loamy sand with 10% gravel.
 48"-78" Reddish yellow (7.5yr,6/8) strong angular blocky firm sandy clay loam (IIIHr) with light grey (10yr,7/2) many, coarse and prominent mottles at 48" (IIWr).
 78"-96" Ironstone (IIHr).
 96"-148" Strong brown (7.5yr,5/8) moderate subangular blocky friable sandy loam.

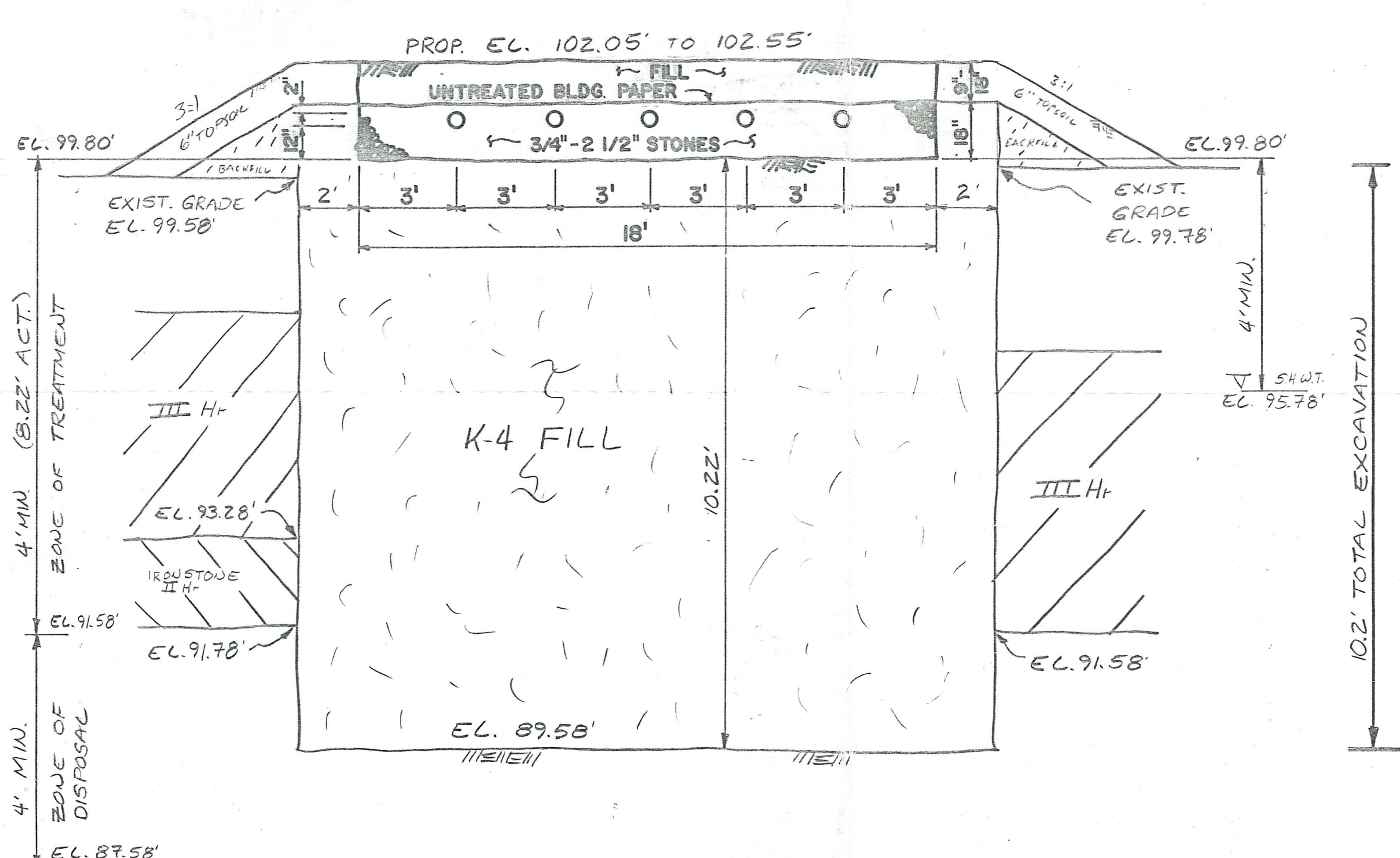
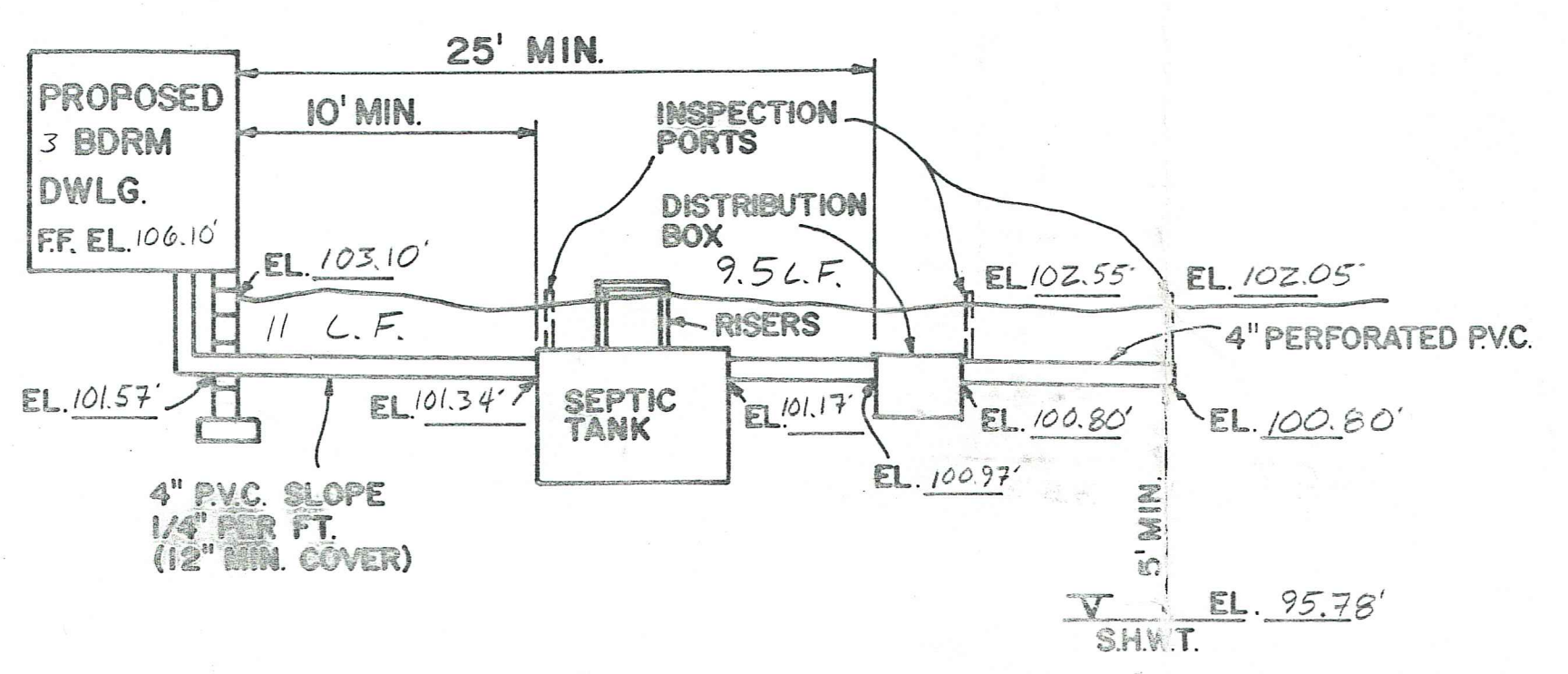
PROFILE PIT #1
 Date: 2/21/01
 By: Eric W. Johnson
 S.H.W.T.: 48" EL.: 95.78'
 Witness: waived
 Water Found: 48" EL.: 95.78'

El. 99.58'
 0-10" Topsoil
 10"-26" Brownish yellow (10yr,6/8) moderate subangular blocky friable sandy loam.
 26"-48" Reddish yellow (7.5yr,6/8) moderate subangular blocky friable loamy sand with 10% gravel.
 48"-96" Reddish yellow (7.5yr,6/8) strong angular blocky firm sandy clay loam (IIIHr) with light grey (10yr,7/2) many, coarse and prominent mottles at 48" (IIWr).
 96"-148" Strong brown (7.5yr,5/8) moderate subangular blocky friable sandy loam.

PROFILE PIT #2
 Date: 2/21/01
 By: Eric W. Johnson
 S.H.W.T.: 48" EL.: 95.58'
 Witness: waived
 Water Found: 48" EL.: 95.58'

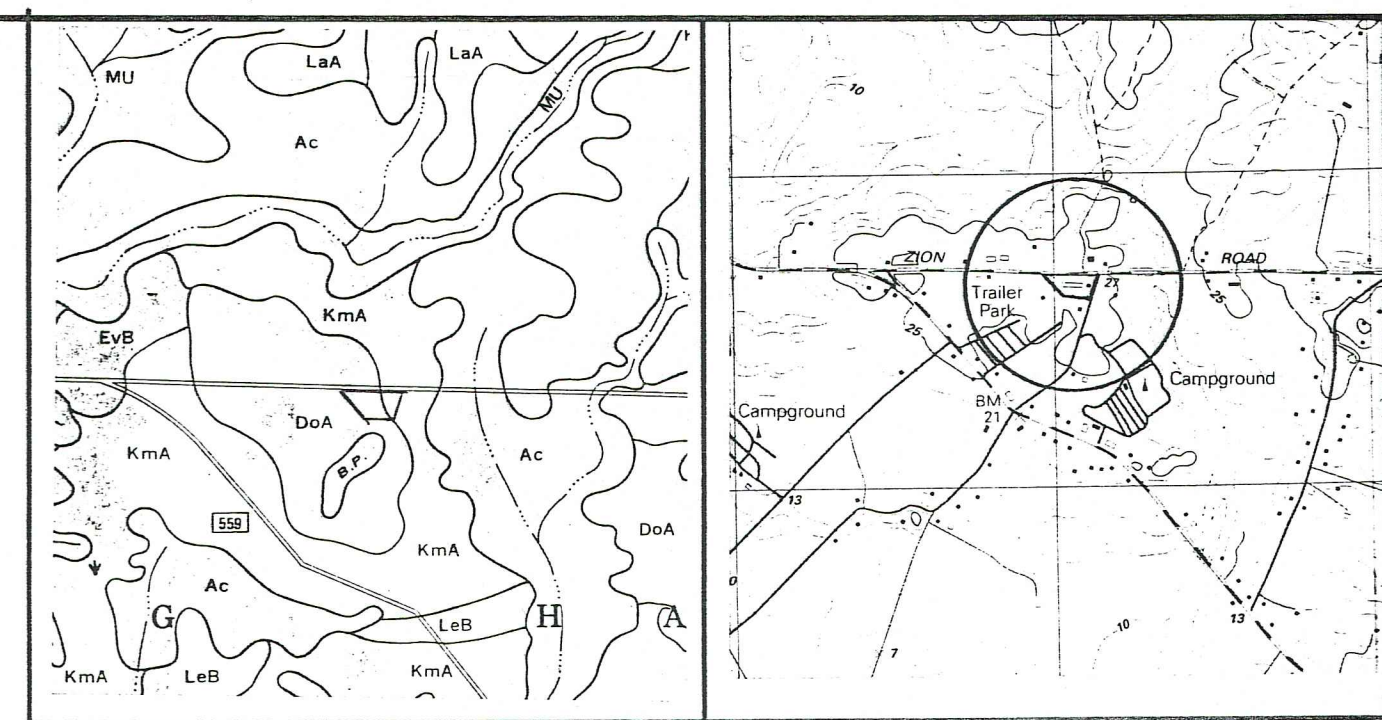
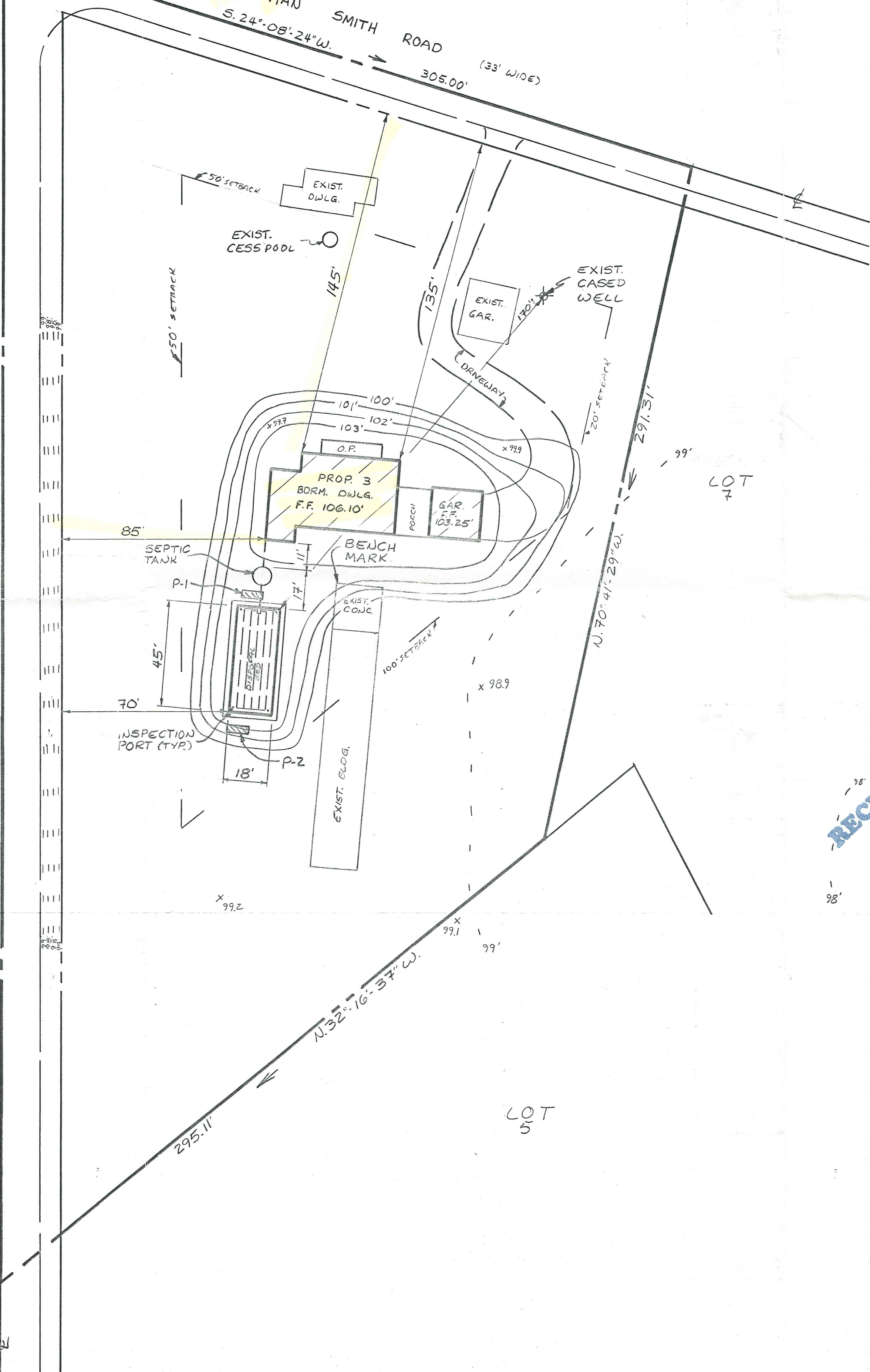


1000 GAL. TANK
 NOTES:
 1. DET. BOX SHALL BE PERMANENTLY MARKED.
 2. ACCESS POINT SHALL BE PERMANENTLY MARKED.
 3. BEING ATTACHED TO BE PERMANENTLY MARKED.
 4. JOINTS TO BE COMPLETED WITH A/C BONDING COAT MESH BY CONTRACTOR AND BONDING.



MOUNDED SOIL REPLACEMENT

Spot Lot
ZONING APPROVED
 DATE 11/21/01
 ZONING OFFICIAL [Signature]



SOILS MAP 1"=1,000' (SHEET # 44)
KEY MAP 1"=2,000'

- GENERAL NOTES:**
- Disposal Bed Sizing
 Number of Bedrooms: 3 bedrooms
 Daily Flow: 500 gallons / day
 Design Permeability: K-4 fill
 Required Area: 805 sq. ft.
 Bed Size: 18' x 45'
 Provided Area: 810 sq. ft.
 - Contractor is responsible for all lines, elevations and measurements including verification of all dimensions shown.
 - The location and elevation of all lines and fixtures shall be carefully installed to insure positive gravity flow to proposed septic tank and disposal bed.
 - If soil conditions or ground water discovered during construction are different from field test the engineer shall be notified and all work stopped until the engineer authorizes work to resume.
 - All trees within 10' of the disposal bed are to be removed.
 - All distribution lines must exit separately from the distribution box. All laterals shall be looped and level.
 - No parking or driving within the disposal area is permitted.
 - Contractor to be responsible for the protection and restoration of all private property during construction.
 - Soil information is provided for the use in septic design only. Any other use of this data is at the sole risk of the user.
 - The contractor shall use the bench mark and bench mark elevation shown on this plan to establish elevations of the system components for installation.
 - The finished floor elevation of the proposed dwelling is for illustrative purposes only in relation to proposed elevations of the disposal system. The exact finished floor elevation is to be the responsibility of and established by the building contractor.
 - Proposed site grading is shown for illustrative purposes. Building contractor is responsible for all site grading to assure positive surface storm water flow from site.
 - Before any excavation, the contractor is to verify the location of any underground utilities. Should any underground utilities interfere with construction, the engineer shall be notified before proceeding with the work. The contractor shall contact "One Call" a minimum of 3 days prior to commencement of any excavation for accurate field location. For mark out call 1-800-272-1000.
 - Outbound based on a field survey by Johnson Design Associates, Inc. performed on 3/2/01.
 - Topography based on a topographic survey by Johnson Design Associates, Inc. performed on 3/2/01.
 - Bench mark is the corner of a concrete pad (assumed elevation 100.00').
 - There are no other existing septic systems or wells within 150' of the proposed septic system or wells.
 - Existing dwelling, garage and building to be demolished.
 - Existing well to be utilized with proposed dwelling.
 - Existing cesspool to be pumped and abandoned. Management and disposal of components and residuals from the abandoned system shall be in accordance with the State Solid Waste Management Act, N.J.S.A. 13:1E-1 et. seq., and the rules promulgated thereto, and in a manner which is acceptable to the administrative authority.
 - As per the Freshwater Wetlands Map, State of New Jersey, Department of Environmental Protection, Marmora NE Quad 166-2, there are no wetlands within 150' of the site.

RECEIVED
 NOV 2 0AM
 INSPECTION

| | | |
|---|----------------|---|
| R-1 | 5/21/01 | PER HEALTH DEPT. LETTER DATED 5/11/01 |
| REVISION | DATE | DESCRIPTION |
| Johnson DESIGN ASSOCIATES, INC. ENGINEERING • SURVEYING • SOIL TESTING 722 WOOD STREET, VINELAND, N.J. 08360 (856) 691-9623 FAX: (856) 692-2943 WWW.JDAENGINEERING.COM | | |
| SEPTIC DESIGN FOR JAMES NAYLOR BLOCK 7802, LOT 6 EGG HARBOR TOWNSHIP ATLANTIC COUNTY, N.J. | | DEBORAH AYARS N.J.P.E. LIC. NO. 26335 N.J.P.P. LIC. NO. 2505 |
| SCALE: 1"=30' | DRAWN: W.M.III | DRAWING NUMBER: 01-044-E |
| DATE: 3/16/01 | CHECKED: DA | SHEET 1 of 1 |