

NOTES:

- 1.) ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
- 2.) STRIP ALL TOPSOIL AND SUBSOIL (O, A, & B HORIZONS) AND ANY OTHER IMPERVIOUS OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET BEYOND IN ALL DIRECTIONS WHERE POSSIBLE. REPLACE WITH GRAVEL MEETING LATEST SPECIFICATIONS OF 310 CMR 15.255(3).
- 3.) ALL PIPE TO BE 4" P. V. C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
- 4.) PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER DISTRIBUTION BOX AND SEPTIC TANK.
- 5.) IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, L.T.D. BEFORE PROCEEDING WITH CONSTRUCTION.
- 6.) THIS SYSTEM IS NOT DESIGNED FOR THE USE OF A GARBAGE GRINDER.

DESIGN DATA

**DAILY SEWAGE FLOW**  
 PROPOSED BEDROOMS = FIVE  
 DAILY FLOW = 110 GALLONS/DAY/BEDROOM X 5 BEDROOMS = 550 GALLONS PER DAY

**SEPTIC TANK REQUIREMENTS**  
 VOLUME = 2 X DAILY FLOW(550) = 1100 GALLONS  
 MINIMUM SIZE = 1,500 GALLONS

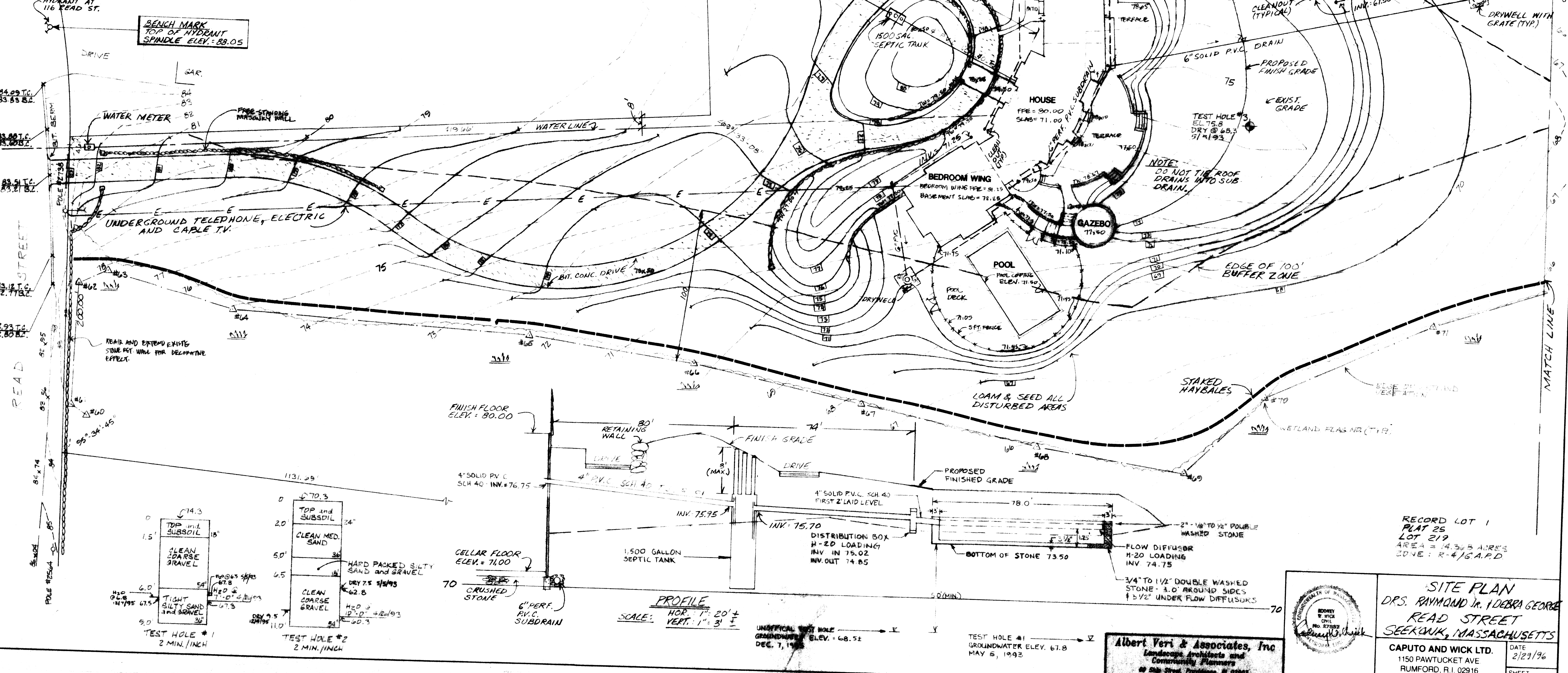
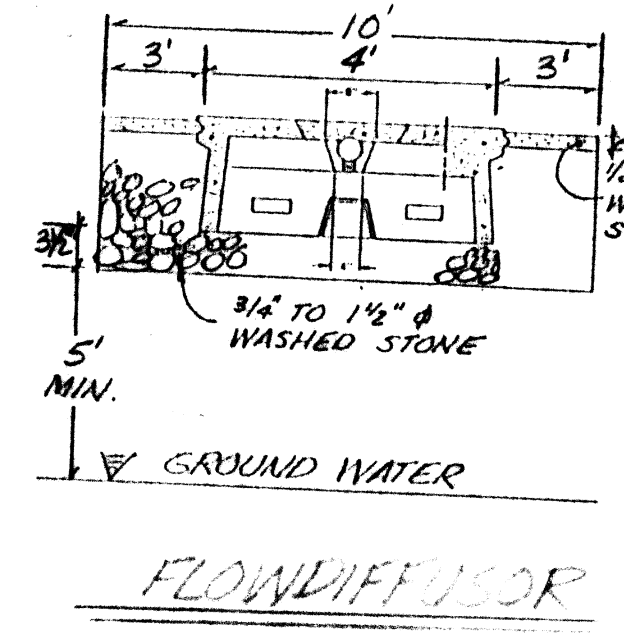
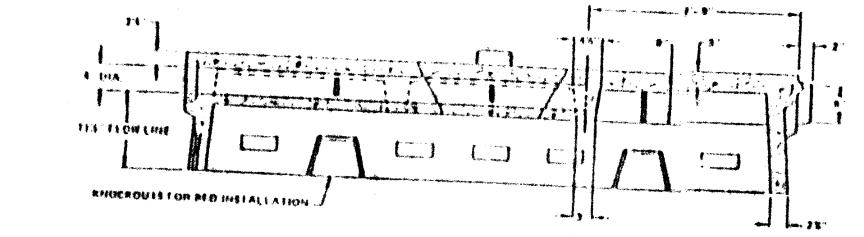
**LEACHING AREA REQUIREMENTS**  
 PERCOLATION RATE: 2 MIN./INCH  
 SOIL TEXTURE CLASS 1 - EFFLUENT LOADING RATE = 0.74 GALLON PER SQUARE FOOT

**SIDEWALL AREA:**  
 2 SIDES X 7'8" LONG X 1.25' DEEP = 195 SQUARE FEET  
 2 SIDES X 10' WIDE X 1.25' DEEP = 25 SQUARE FEET

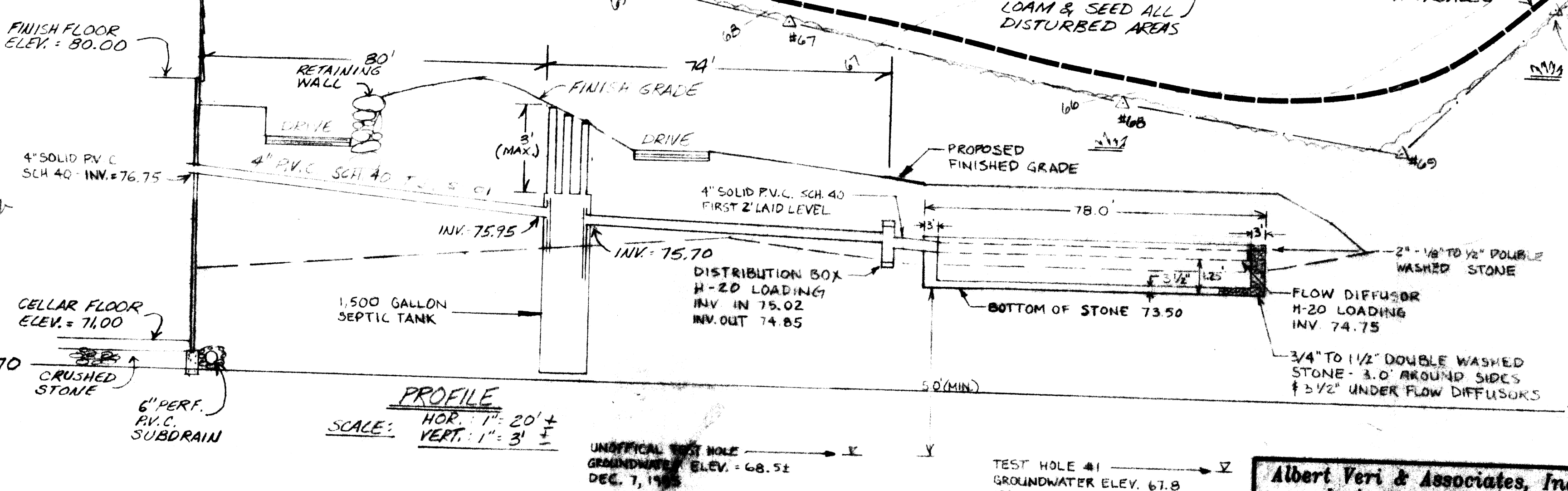
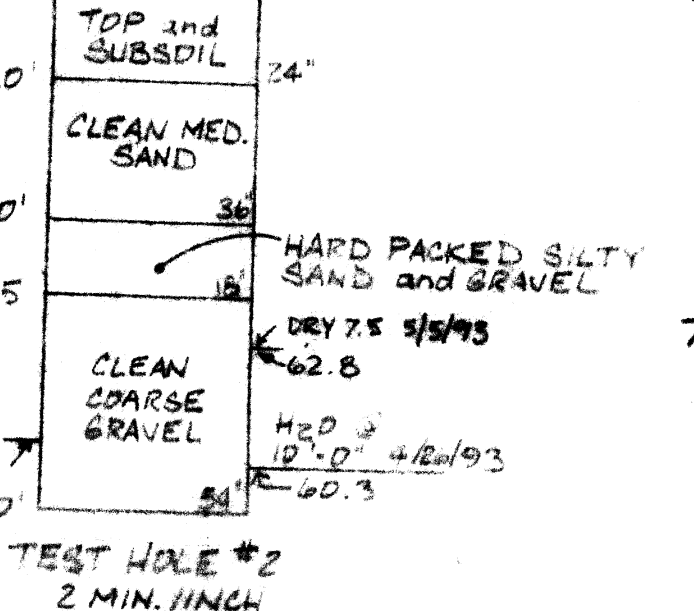
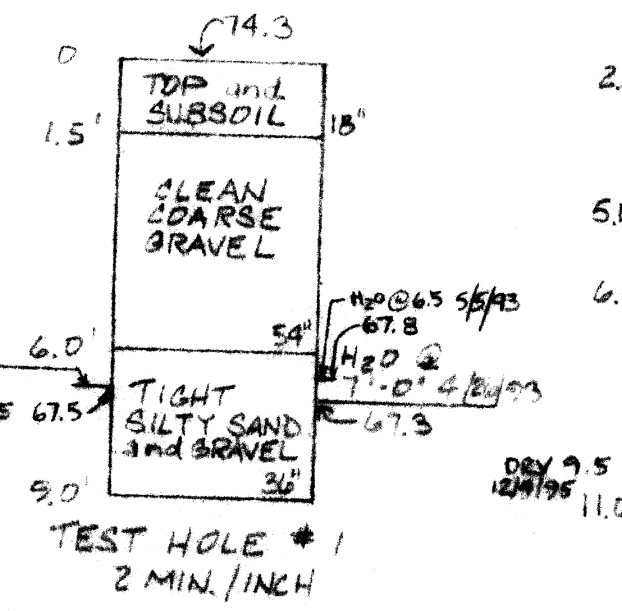
**BOTTOM AREA:**  
 7'8" LONG X 10' WIDE = 780 SQUARE FEET

**TOTAL LEACHING AREA**  
 = 1000 SQUARE FEET

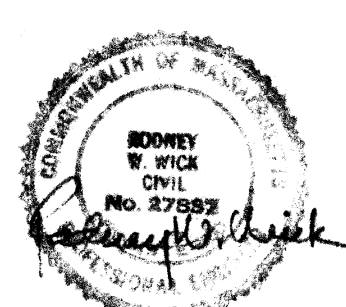
**TOTAL LEACHING CAPACITY:**  
 1000 S. F. X 0.74 GAL/DAY/S. F. = 740 GAL/DAY > 550 GPD



BENCH MARK  
 TOP OF HYDRANT  
 SPINDLE ELEV. = 88.05



RECORD LOT 1  
 PLAT 25  
 LOT 219  
 AREA = 14.565 ACRES  
 ZONE: R-4/G.A.R.D



Albert Vert & Associates, Inc.  
 Landscape Architects and  
 Community Planners  
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**SITE PLAN**  
 DR. RAYMOND JR. + DEBRA GEORGE  
 READ STREET  
 SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD.  
 1150 PAWTUCKET AVE  
 RUMFORD, R.I. 02916  
 401-434-8880

DATE: 2/29/96  
 SHEET: 1 OF 2