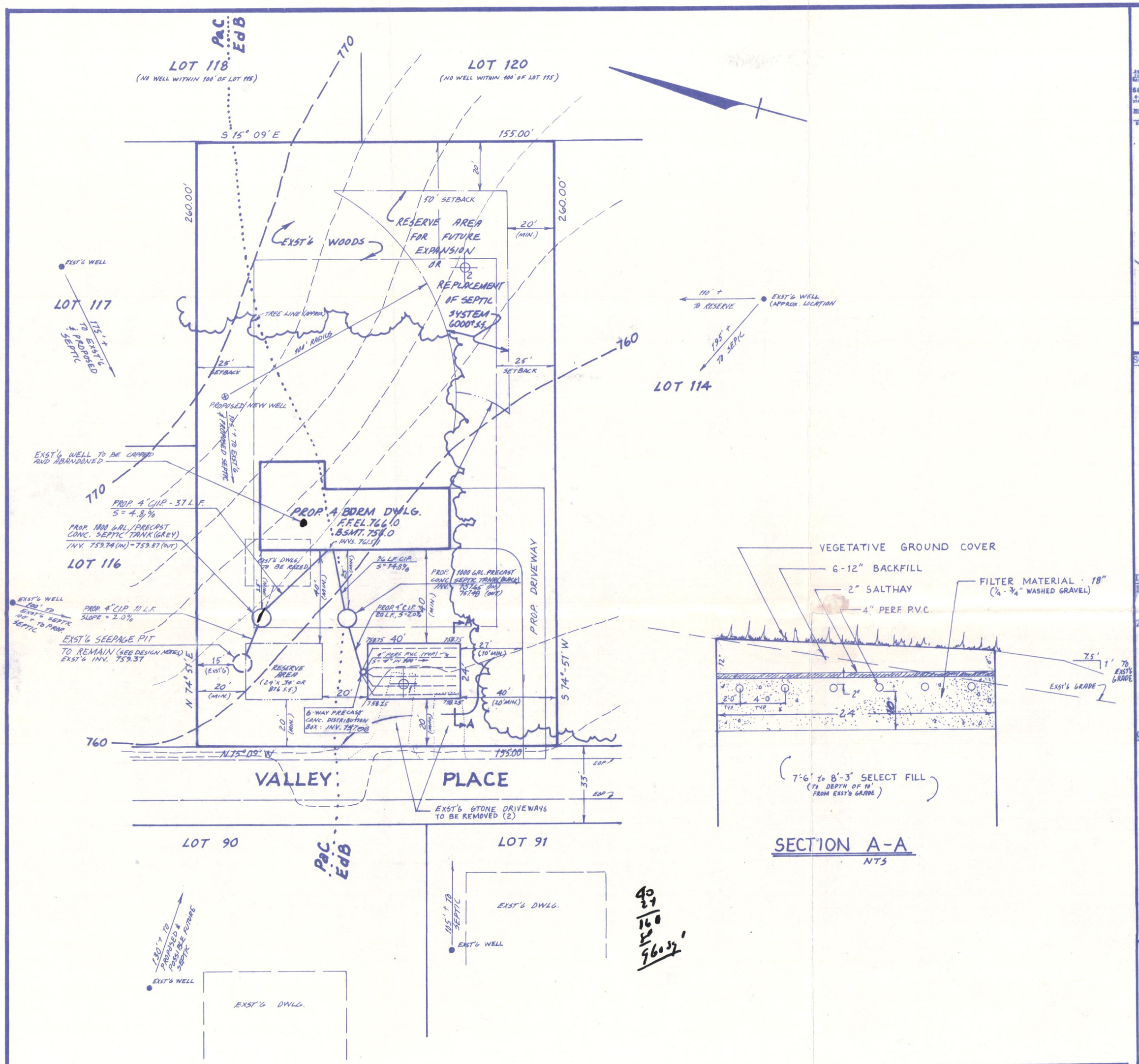
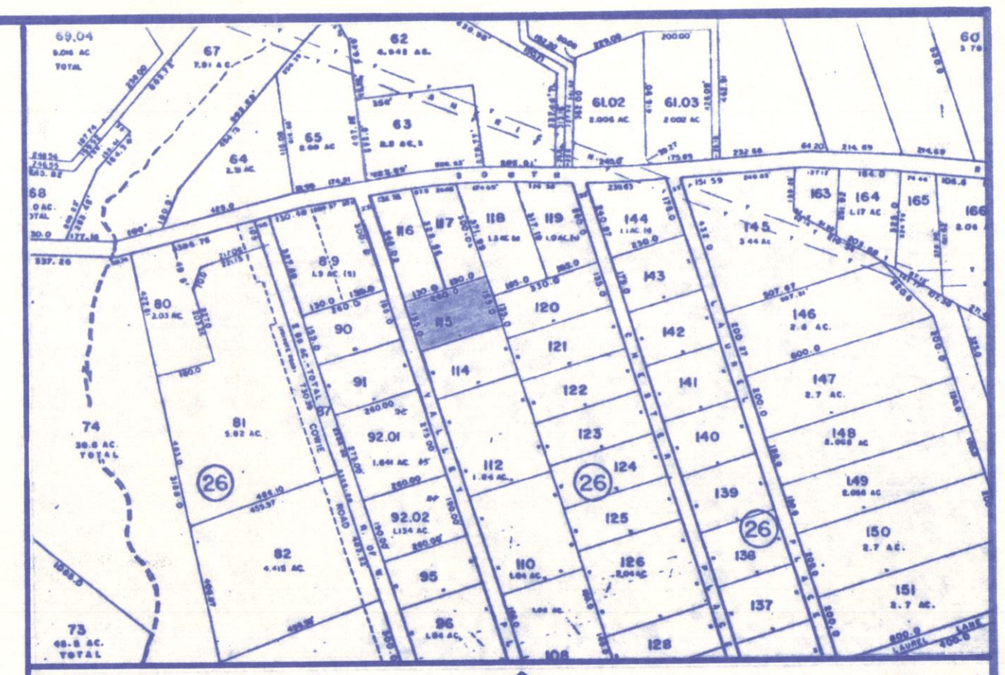


SECTION A-A
NTS



KEY MAP — NORTH — SCALE: 1" ≈ 400'

SOIL DATA:

Soil Log No. 1 (1) — 11-7-83
- 0-4" Top Soil
- 4"-3'0" Silty Loam
- 3'0" - 10'0" Loam with rock (hard pan)
- 10'-11' Sandy Loam

No Water or Mottling Observed

Perc Test
- 1-A @1'-10":Rate:20 min/inch
- 1-B @4'4":Rate: > 60Min/Inch
- 1-C @11'-0":Rate 3.5 Min/Inch

Soil Log No. 2 (2) — 11-7-83
- 0-6" Top Soil
- 6"-4'0" Silty Loam
- 4'0"-10'0" Sandy Silt Loam with Rock (hard pan)
- 10'0"-11'0" Sandy Loam

No Water or Mottling observed
No Percolation Tests preformed.

Estimated seasonal high water table: > 10' (based on soil analysis and soil survey of Morris County.)

DESIGN NOTES:
1. For Black* water use 0-20 Min/Inch rate or 400 SF/Bedroom
   a. 4 Bdrm X 400 SF/Bdrm X 60% = 960 SF Req'd.
   b. Use 24' X 40' disposal bed or 960 SF.
2. For Grey* water use existing seepage pit as shown on plan.
   a. Existing seepage pit to be preceded with 1000 gallon precast concrete septic tank.
   b. Existing dimensions of seepage are as follows and to remain as is :
      Inside Diameter: 7'6"
      Liquid Depth: 6'6"
   * Black refers to all wastes from bathroom and lavatory fixtures. Grey refers to all wastes from all sources not originating in bathrooms or lavatories.

GENERAL NOTES:
1. Boundary information is taken from a survey map drawn for Thomas S. Jaworski and Janet M. Jaworski, H/W, prepared by Robert C. Edwards Assoc., Inc., John D. Harris, L.S., NJ Lic. No. 11373, dated July 22, 1983
2. Topographical & offsite well locations based on a map drawn for Julian Johnston and entitled Sketch Plat, Tax Map Lots 117, 118, $ 119 in Block 26, preparde by Associated Consultants, Harry F. Metzler, L.S., N.J. Lic. No. 16981, dated May 23, 1983, and Field Survey by Design Engineer preformed on date of percolation test (11-7-83).
3. Select fill shall consist of the following:
   Sandy Soil - Material with a silt and clay content not less than 10 weight % no more than 20 weight % of the portion of the soil finer than 2 MM.
   Course Fragments - ½" or larger in diameter shall not exceed 15% of the total weight of the soil.
4. Select fill shall have a percolation rate of 15 - 20 min/Inch and shall be verified by Design Engineer prior to placement of filter material.
5. Backfill is to be sandy loam and free of large stones, broken masonry, stumps or other waste construction material.

BLOCK 26 LOT 115
CHESTER TOWNSHIP
MORRIS COUNTY NEW JERSEY

SEPTIC DESIGN

DATE	NOV. 14, 1983
SCALE:	AS NOTED
PROJ:	477-01-9/6-83
DRAWN:	MBA
DSN./CK.	MBA/
SHEET:	1 of 1
DWG:	

PETER E. MEYER
P. E.
N.J. LIC. NO. 20296

PROFESSIONAL PLANNING AND ENGINEERING CORP.
50 SOUTH ST., P.O. BOX 2284R, MORRISTOWN, N.J., 07960 201-267-3244