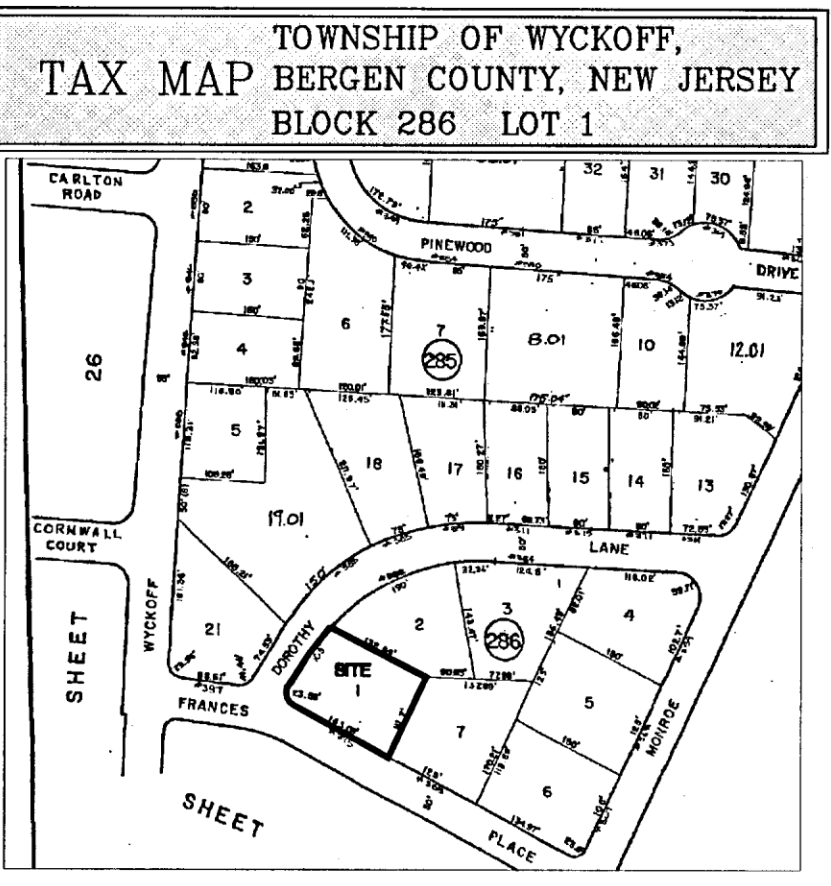
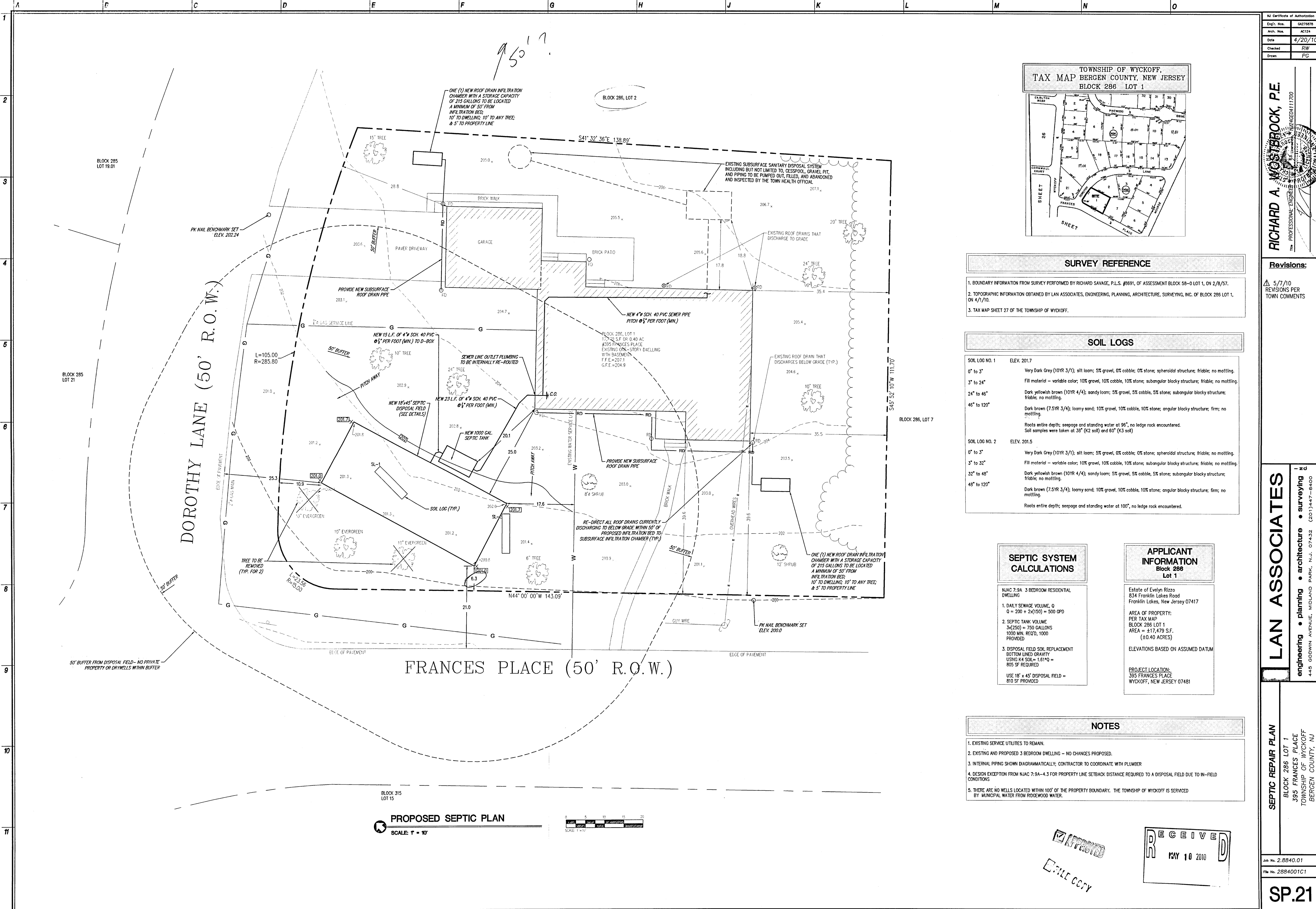




SURVEY REFERENCE

1. BOUNDARY INFORMATION FROM SURVEY PERFORMED BY RICHARD SAVAGE, P.L.S. #8691, OF ASSESSMENT BLOCK 58-0 LOT 1, ON 2/8/57.

2. TOPOGRAPHIC INFORMATION OBTAINED BY LAN ASSOCIATES, ENGINEERING, PLANNING, ARCHITECTURE, SURVEYING, INC. OF BLOCK 286 LOT 1, ON 4/1/10.

3. TAX MAP SHEET 27 OF THE TOWNSHIP OF WYCKOFF.

SOIL LOGS

SOIL LOG NO. 1	ELEV. 201.7
0" to 3"	Very Dark Grey (10YR 3/1); silt loam; 5% gravel, 0% cobble; 0% stone; spheroidal structure; friable; no mottling.
3" to 24"	Fill material - variable color; 10% gravel, 10% cobble, 10% stone; subangular blocky structure; friable; no mottling.
24" to 46"	Dark yellowish brown (10YR 4/4); sandy loam; 5% gravel, 5% cobble, 5% stone; subangular blocky structure; friable; no mottling.
46" to 120"	Dark brown (7.5YR 3/4); loamy sand; 10% gravel, 10% cobble, 10% stone; angular blocky structure; firm; no mottling.
Roots entire depth; seepage and standing water at 96", no ledge rock encountered. Soil samples were taken at 38" (K2 soil) and 60" (K3 soil)	
SOIL LOG NO. 2	ELEV. 201.5
0" to 3"	Very Dark Grey (10YR 3/1); silt loam; 5% gravel, 0% cobble; 0% stone; spheroidal structure; friable; no mottling.
3" to 32"	Fill material - variable color; 10% gravel, 10% cobble, 10% stone; subangular blocky structure; friable; no mottling.
32" to 48"	Dark yellowish brown (10YR 4/4); sandy loam; 5% gravel, 5% cobble, 5% stone; subangular blocky structure; friable; no mottling.
48" to 120"	Dark brown (7.5YR 3/4); loamy sand; 10% gravel, 10% cobble, 10% stone; angular blocky structure; firm; no mottling.
Roots entire depth; seepage and standing water at 100", no ledge rock encountered.	

SEPTIC SYSTEM CALCULATIONS

NJAC 7:9A 3 BEDROOM RESIDENTIAL DWELLING

1. DAILY SEWAGE VOLUME, Q
Q = 200 + 2x(150) = 500 GPD

2. SEPTIC TANK VOLUME
3x(250) = 750 GALLONS
1000 MIN. REQ'D, 1000 PROVIDED

3. DISPOSAL FIELD SOIL REPLACEMENT BOTTOM LINED GRAVITY
USE K4 SOIL = 1.61"Q = 805 SF REQUIRED

USE 18" x 45" DISPOSAL FIELD = 810 SF PROVIDED

APPLICANT INFORMATION
Block 286
Lot 1

Estate of Evelyn Rizzo
834 Franklin Lakes Road
Franklin Lakes, New Jersey 07417

AREA OF PROPERTY:
PER TAX MAP
BLOCK 286 LOT 1
AREA = ±17,479 S.F.
(±0.40 ACRES)

ELEVATIONS BASED ON ASSUMED DATUM

PROJECT LOCATION:
395 FRANCES PLACE
WYCKOFF, NEW JERSEY 07481

- NOTES**
- EXISTING SERVICE UTILITIES TO REMAIN.
 - EXISTING AND PROPOSED 3 BEDROOM DWELLING - NO CHANGES PROPOSED.
 - INTERNAL PIPING SHOWN DIAGRAMMATICALLY; CONTRACTOR TO COORDINATE WITH PLUMBER
 - DESIGN EXCEPTION FROM NJAC 7:9A-4.3 FOR PROPERTY LINE SETBACK DISTANCE REQUIRED TO A DISPOSAL FIELD DUE TO IN-FIELD CONDITIONS
 - THERE ARE NO WELLS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARY. THE TOWNSHIP OF WYCKOFF IS SERVICED BY MUNICIPAL WATER FROM RIDGEWOOD WATER.

PROPOSED SEPTIC PLAN

SCALE: 1" = 10'

0 5 10 15 20
SCALE: 1" = 10'

NY Certificate of Authorization
Eng'r. No. G4076876
Arch. No. AC124
Date 4/20/10
Checked RW
Drawn PG

RICHARD A. WOSTROCK, P.E.
THE PROFESSIONAL ENGINEER
STATE OF NEW JERSEY
EX-24624-0411700

Revisions:

Δ 5/7/10
REVISIONS PER
TOWN COMMENTS

LAN ASSOCIATES
engineering • planning • architecture • surveying
445 GODWIN AVENUE, MIDLAND PARK, N.J. 07432 (201)447-6400

SEPTIC REPAIR PLAN
BLOCK 286 LOT 1
395 FRANCES PLACE
TOWNSHIP OF WYCKOFF
BERGEN COUNTY, NJ

Job No. 2.8840.01
File No. 2884001C1

SP.21

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