

LAYOUT 3/16/06 INSP 4 _____
 INSP 2 3/27/06 INSP 5 _____
 INSP 3 3/28/06 INSP 6 _____

ISSUE DATE: 2/17/06

APPROVAL DATE: 2/3/07

P 524100

A 523306

PERMIT
INDEXED
TAX ID #04-317165

ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Danny Day IS PERMITTED TO INSTALL ALTER

ADDRESS: 3055 Florence Road PHONE NUMBER: 301-527-4606

SUBDIVISION: Danny Day Property LOT NUMBER: _____

ADDRESS: 3055 Florence Road PROPERTY OWNER: Danny Day

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3 No More!

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 222 HOUSE SERVED BY PUBLIC WATER

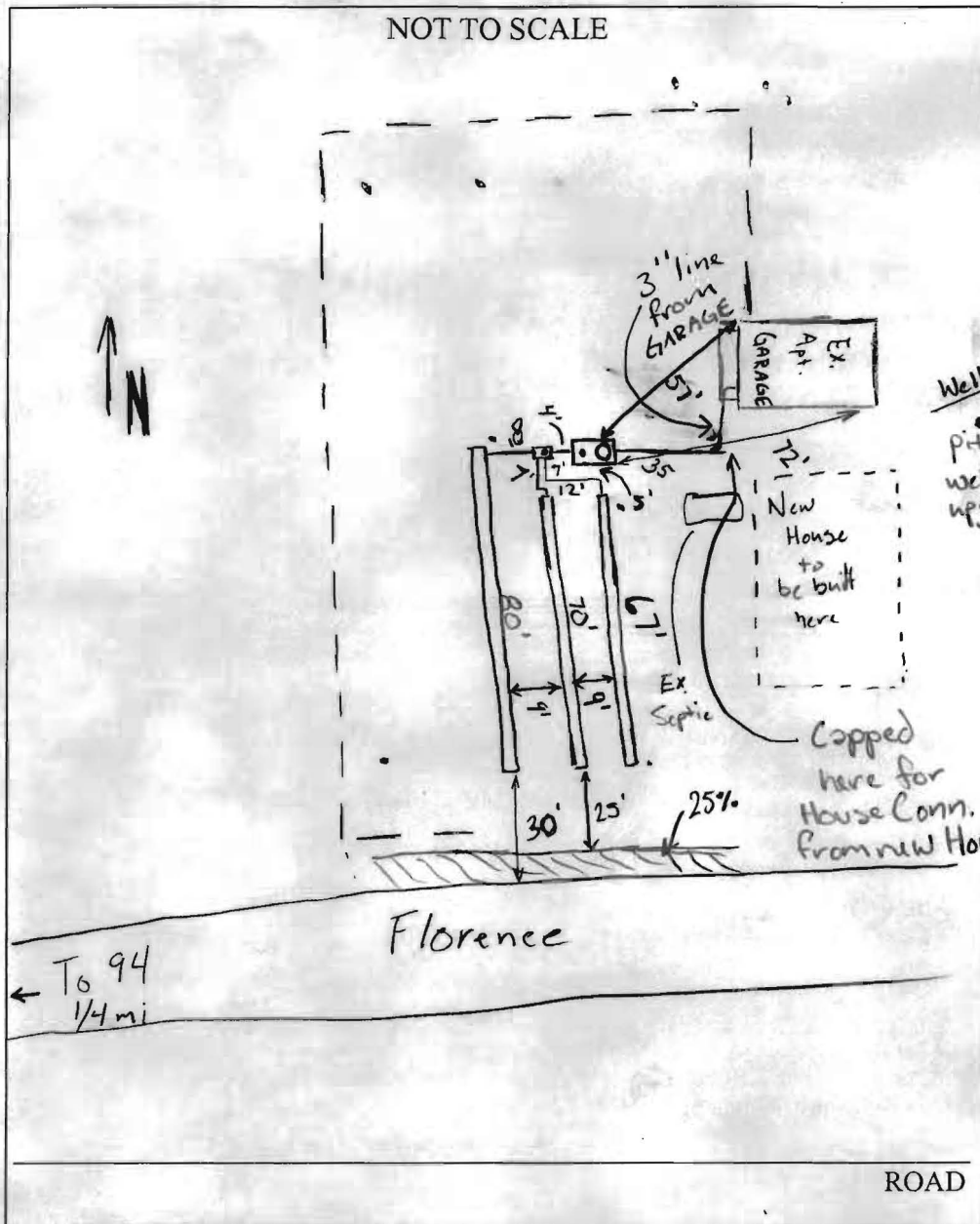
TRENCHES:	Trench to be 3.0 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 5.5 feet below original grade. 2.5 feet of stone below distribution pipe. (1/2" #2 Stone on top of pipe)
LOCATION:	Install primary septic as shown by the engineer. Must pump and collapse existing septic system.
NOTES:	Maintain 25' from any 25% slopes on the roadside of the lot. DO NOT start until SDA is staked by the engineer. <i>* well to be upgraded to current COMAR STANDARDS</i>

PLANS APPROVED: Kacie Noonan Reviewed by: _____ DATE: 2/17/06 KN

NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

A523306

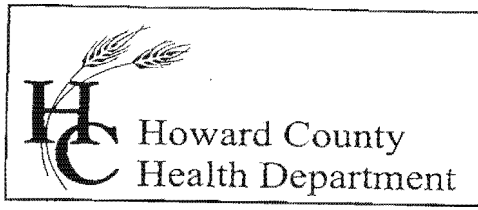


TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'+	4	5.5
NUMBER OF TRENCHES		3
TOTAL LENGTH		217'
ABSORPTION AREA		65'+Side
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	4 yes
BAFFLE FILTER	No
MANHOLE LOC	Inlet
6" PORT LOC	Outlet
WATERTIGHT TEST	NO

SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 3/16/06 Layout w/ Contractor Will Hopkins (410) 404-2361
 Install 3 x 75' + trenches running toward Florence Road keeping 25'
 INSTALLATION From the slope @ the edge of the Road. OK if slightly under
 the allotted amount of trench (<5%). 3/27/06 Followup Installation
 is proceeding OK. some rock in tank hole - tank set & leveled on gravel
 first ten feet of 1st trench pretty rocky ok though (GAC)
 3/28/06 System finished except for House Connection to new House
 OK to Cover. (GAC) Contractor used 2' bucket to install 3'
 trenches. Trenches actually 3 1/2 wide average. (extra bottom area
 absorption. (GAC) Need documentation of septic abandonment too
 FINAL INSPECTOR Hold K. Wolf DATE OF APPROVAL 7/3/07
 7/3/07 House Connection verified via phone conversation. OK to backfill (Kw)



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

March 29, 2006

MEMORANDUM

TO: Danny Day
3055 Florence Road
Woodbine, MD
21797

FROM: Gabe Creighton, Sanitarian
Well & Septic Program
Bureau of Environmental Health

RE: **Existing Structure to be demolished and New Residence to be constructed on premises:**

3055 Florence Road
Tax Map 13, Grid 9, Parcel 20

This is to advise that the Howard County Health Department recommends issuance of the requested demolition permit for the existing 33' x 40' two story frame structure on the above referenced property. By accepting this recommendation for demolition, you are also agreeing to the following terms set forth by the Howard County Health Department:

You are advised that in order to be maintained for potable use with the replacement dwelling, the well on the property must be properly disconnected from the original house and sealed off, and protective devices put in place to protect the well during construction. The Health Department has received documentation from L. F. Easterday, Inc. regarding the upgrading and yield testing of the well and these documents appear preliminarily satisfactory. Final approval of the well water system will be dependent upon inspection approval at the time of the connection to the proposed residence and Certificate of Potability water tests.

You are also advised that the existing septic tank and other septic system components must be pumped out and filled, or removed and properly disposed of at the time of demolition. Documentation of this will be required by the Health Department for final approval of the new septic system. The aforementioned new septic system has been installed and will need to be protected by proper devices (i.e.: fencing, etc.) throughout the construction process. Final approval of the system will also depend upon inspection and approval of the connection to the new dwelling along with



Howard County
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confirmation that all applicable setbacks to well and septic have been met in the construction of the building.

Respectfully,

A handwritten signature in cursive script, appearing to read 'Gabriel A. Creighton'.

Gabriel A. Creighton, Sanitarian
HCHD Environmental Health

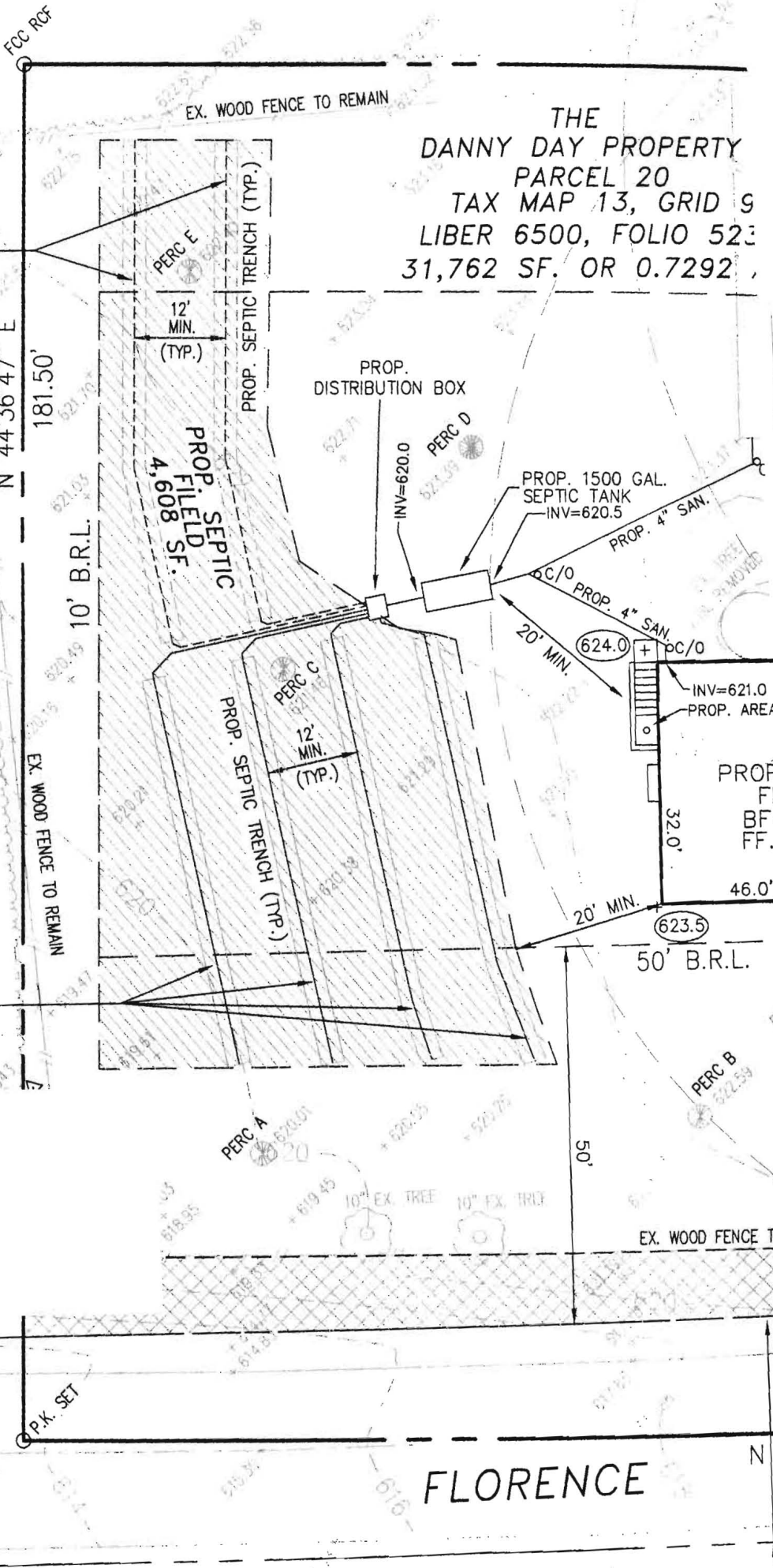
GAC
Cc: File

THE
 DANNY DAY PROPERTY
 PARCEL 20
 TAX MAP 13, GRID 9
 LIBER 6500, FOLIO 523
 31,762 SF. OR 0.7292

SECONDARY SEPTIC
 SYSTEM TRENCHES
 TOTAL LENGTH = 130 FEET

PRIMARY SEPTIC
 SYSTEM TRENCHES
 TOTAL LENGTH = 222 FEET

*inlet @ 3.0
 bottom @ 5 1/2*



FLORENCE

N 45

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: In Lieu of soil test recommendations, use one of the following schedules:

1. Preferred: Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding or disk into upper three inches of soil. At time of seeding apply 400 lbs/acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.).
2. Acceptable: Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.

Seeding: For the periods March 1-April 30, and August 1- October 15, seed with 750 lbs/acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1- July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs/acre (.05 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 16 - February 28, protect site by: Option 1- Two tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option 2 - Use sod. Option 3 - Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2/8 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.

Maintenance: Inspect all seeding areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be re-disturbed where a short term vegetative cover is needed.

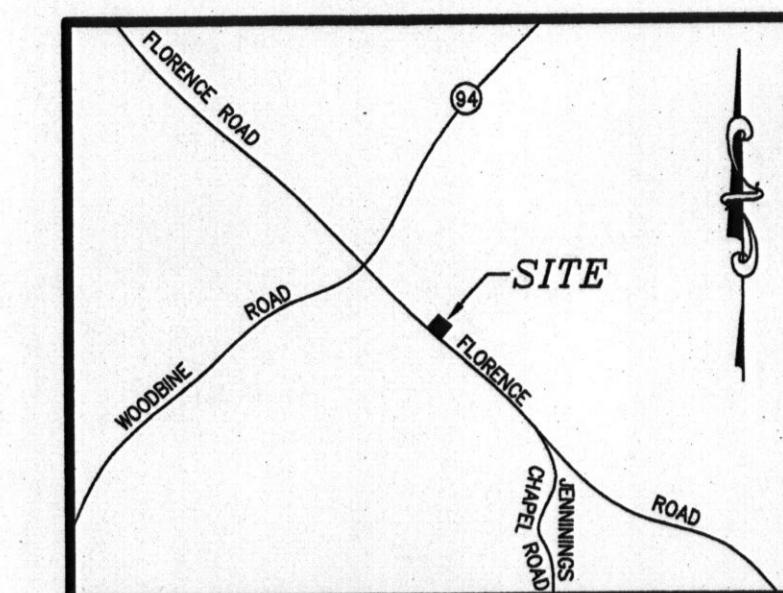
Seedbed Preparation: - Loosen upper three inches of soil by raking, disking or other acceptable means before seeding if not previously loosened.

Soil Amendments: - Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).

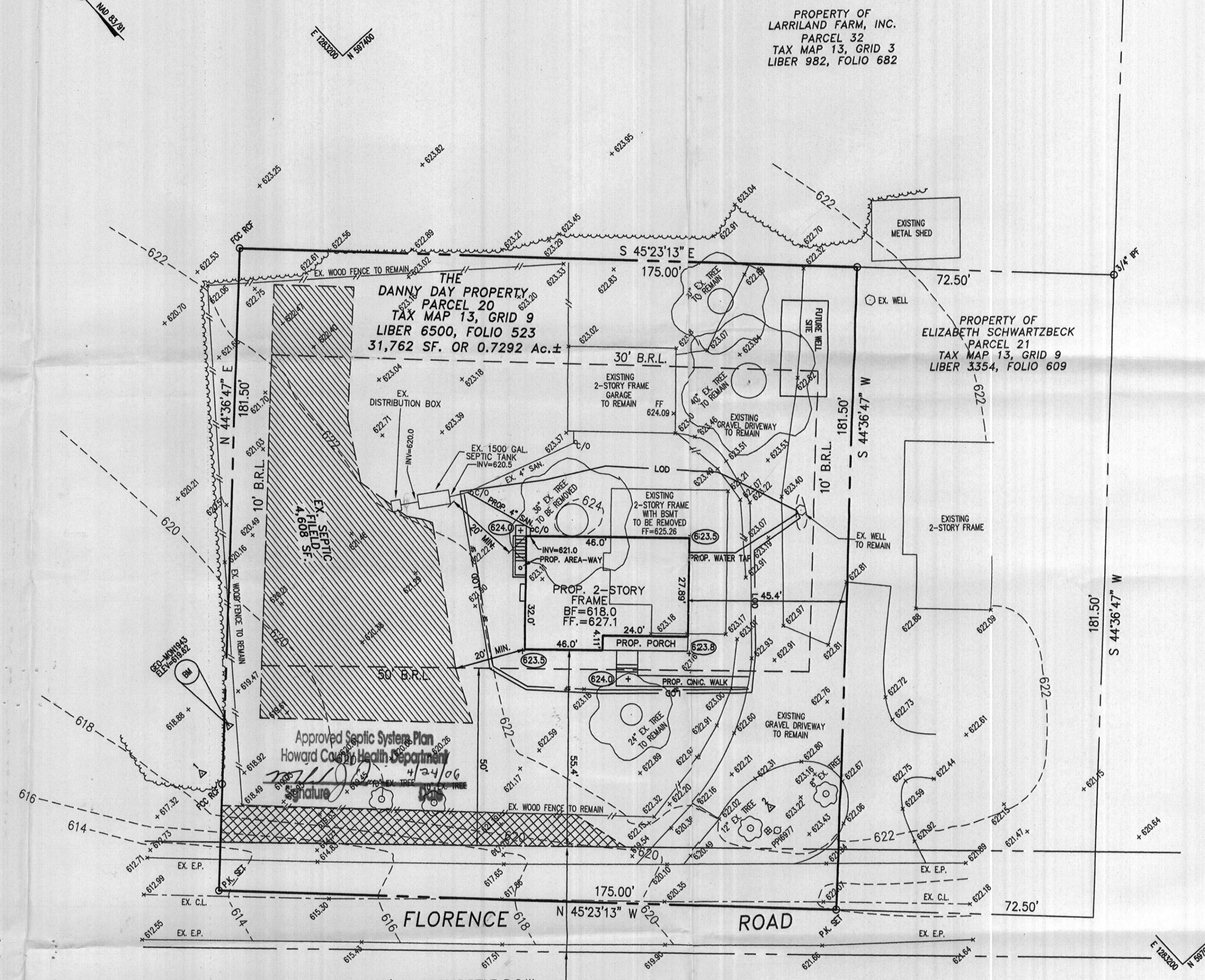
Seeding: - For periods March 1- April 30 and from August 15- October 15, seed with 2- 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq. ft.). For the period May 1- August 14, seed with 3 lbs/acre of weeping lovegrass (.07 lbs/1000 sq. ft.). For the period November 16- February 28, site by applying 2 tons/acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrotted weed-free, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2/8 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8ft. or higher, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.



VICINITY MAP
SCALE: 1" = 2000'



PROPERTY OF LARRILAND FARM, INC.
PARCEL 32
TAX MAP 13, GRID 3
LIBER 982, FOLIO 682

PROPERTY OF LARRILAND FARM, INC.
PARCEL 32
TAX MAP 13, GRID 3
LIBER 982, FOLIO 682

PROPERTY OF ELIZABETH SCHWARTZBECK
PARCEL 21
TAX MAP 13, GRID 9
LIBER 3354, FOLIO 609

LEGEND

- EX. POWER POLE
- EX. WELL
- LOD LIMIT OF DISTURBANCE
- SILT FENCE
- ▨ EXISTING SEPTIC FIELD
- ▩ SLOPES EQUAL TO OR GREATER THAN 25%
- +623.11 EXISTING SPOT ELEVATION
- +624.00 PROPOSED SPOT ELEVATION

SITE NOTES:

1. EXISTING HOUSE SHOWN HERON IS TO BE REMOVED.
2. EXISTING GARAGE STRUCTURE SHOWN HERON IS TO REMAIN.
3. THIS PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THE UNDERSIGNED IN DECEMBER OF 2005.
4. THIS SURVEY HORIZONTALLY AND VERTICALLY IS TIED TO HOWARD COUNTY CONTROL MONUMENTS, (NAD 83 HORIZONTAL AND NGVD 29 VERTICAL DATUM)
5. THIS PROPERTY IS ZONED "RC-DEO".
6. SETBACKS - FRONT 50'
SIDE 10'
REAR 30'
7. PLEASE RELY ON ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.

SEDIMENT CONTROL NOTES

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (410-313-1855).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a (7 calendar days for all perimeter sediment control structures, dikes perimeter slopes and all slopes steeper than 3:1), b) 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding. Sod, temporary seeding, and mulching (sec. G). Temporary stabilization with mulch alone shall only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.

SEDIMENT CONTROL NOTES CONTINUED

6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:
Total Area of Site = 4.903 SF. OR 0.111 Acres = 0.7292 Acres
Area to be roofed or paved = 0.05± Acres
Area to be vegetatively stabilized = 0.06± Acres
Total cut = 250± Cu. Yards
Total fill = 50± Cu. Yards
Offsite waste/borrow area location: NEXT DOOR AT LARRILAND FARM
Total length of silt fence: 123 Feet
8. Any Sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment control Inspector.
10. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back filled and stabilized within one working day. Whichever is shorter.

MISS-UTILITY NOTE:
1. CONTACT MISS-UTILITY 72 HOURS BEFORE ANY TRENCHING.
(800) 257 - 7777.

SITE PLAN
THE DANNY DAY PROPERTY
PARCEL 20
TAX MAP 13, GRID 9
LIBER 6500, FOLIO 523
FORTH ASSESSMENT DISTRICT
HOWARD COUNTY, MARYLAND

PREPARED BY:
NJR & ASSOCIATES
Land Surveying and Planning
1813 MONTEVIDEO ROAD
JESSUP, MARYLAND 20794
TEL: (301) 568-9500
FAX: (410) 799-5623

REVISIONS
1. REVISED AS PER HO.CO.
HEALTH DEPT. COMMENTS
DATED 01/24/06.

DATE: DEC. 22, 2005
JOB NUMBER: 2587
FILE NUMBER: 25875DWG
PLOTTED: FEB. 07, 2006
DRAWN BY: NR
SITE PLAN
SHEET 1 OF 1