

Permits: 410-313-2455  
 Inspections: 410-313-1810  
 Automated Line: 410-313-3800

Howard County Building/Fire Permit Application  
 Department of Inspections, Licenses & Permits  
 3430 Court House Drive  
 Ellicott City, MD 21043

Permit Number:  
 B12002772

Building Address: ~~2925~~ 61000225 Florence Rd  
Woodbine MD 21797

Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_

Census Tract: \_\_\_\_\_ Subdivision: Florence Vista

Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: 4

Tax Map: 07 Parcel: 117 Grid: 20

Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: 4.8

Property Owner's Name: Yin, Zhangshi

Address: (EO) 16391 A.E. Mullins Rd

City: Woodbine State: MD Zip Code: 21797

Home Phone: 301 2521122 Work Phone: \_\_\_\_\_

Applicant's Name & Mailing Address, (If other than stated herein): \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Existing Use: Vacant Lot

Proposed Use: Construct 2 story SFD

Estimated Construction Cost: \$ 250,000.

Description of Work: Construct 2 story, 4 bedroom  
Full unfinished basement

Contractor Company: Cumberland Development

Contact Person: Curtis Cumberland

Address: 16391 A.E. Mullins Rd

City: Woodbine State: MD Zip Code: 21797

License No.: \_\_\_\_\_

Phone: 301 252-1122 Fax: 301 854-6325

Email: Cumberland Dev@gmail.com

Occupant or Tenant: \_\_\_\_\_

Was tenant space previously occupied?  Yes  No

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Engineer/Architect Company: Cadworks

Responsible Design Prof.: \_\_\_\_\_

Address: 332 West Peterick St

City: Frederick State: MD Zip Code: 21701

Phone: 301 695-4868 Fax: \_\_\_\_\_

Email: \_\_\_\_\_

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Height: _____	<u>Water Supply</u>
No. of stories: <u>2</u>	<input type="checkbox"/> Public
Gross area, sq. ft./floor: _____	<input type="checkbox"/> Private
<u>2456</u>	<u>Sewage Disposal</u>
Area of construction (sq. ft.): _____	<input type="checkbox"/> Public
	<input type="checkbox"/> Private
Use group: _____	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> Roadside Tree Project Permit	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
<u>Roadside Tree Project Permit #</u>	No. of Heads: _____

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
<input checked="" type="checkbox"/> Det Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
Depth _____ Width _____	<input type="checkbox"/> Public
1 <sup>st</sup> floor: <u>45'</u> <u>54'</u>	<input checked="" type="checkbox"/> Private
2 <sup>nd</sup> floor: <u>45'</u> <u>54'</u>	<u>Sewage Disposal</u>
Basement: <u>45'</u> <u>54'</u>	<input type="checkbox"/> Public
<input type="checkbox"/> Finished Basement	<input checked="" type="checkbox"/> Private
<input checked="" type="checkbox"/> Unfinished Basement	Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms: <u>4</u>	<input type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units: _____	<input type="checkbox"/> Natural Gas
No. of 1 BR units: _____	<input checked="" type="checkbox"/> Propane Gas
No. of 2 BR units: _____	
No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	<input checked="" type="checkbox"/> Roadside Tree Project Permit
Roof: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> State Certified Modular	<u>Roadside Tree Project Permit #</u>
<input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Curtis Cumberland  
 Email Address: Cumberlanddev@gmail.com  
 Title/Company: Pres.

Print Name: Curtis Cumberland  
 Date: 8-10-12

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 \*\*PLEASE WRITE NEATLY & LEGIBLY\*\*  
 FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>8-23-12</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START  
 ONE STOP SHOP

DPZ SETBACK INFORMATION

Front: \_\_\_\_\_

Rear: \_\_\_\_\_

Side: \_\_\_\_\_

Side St.: \_\_\_\_\_

All minimum setbacks met?  Yes  No

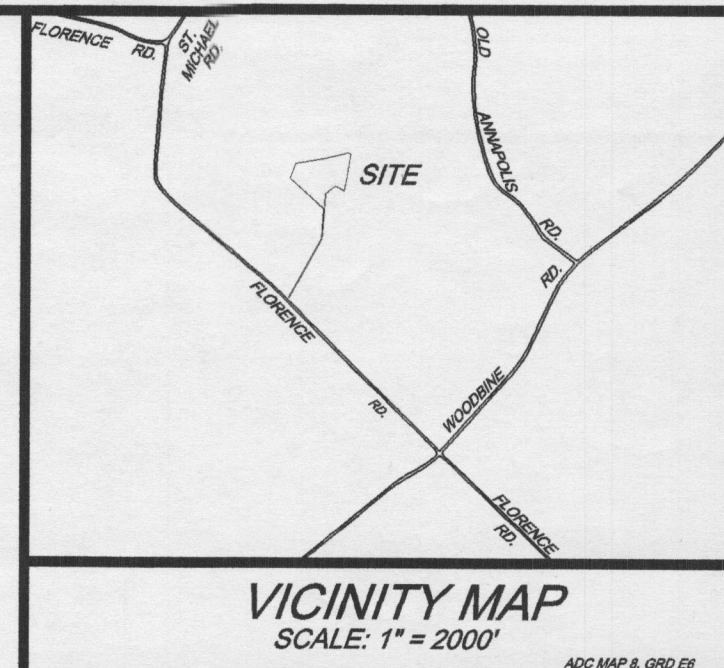
Is Entrance Permit Required?  Yes  No

Historic District?  Yes  No

Lot Coverage for New Town Zone: \_\_\_\_\_

SDP/Red-line approval date: \_\_\_\_\_

Filing Fee	\$ <u>150.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$



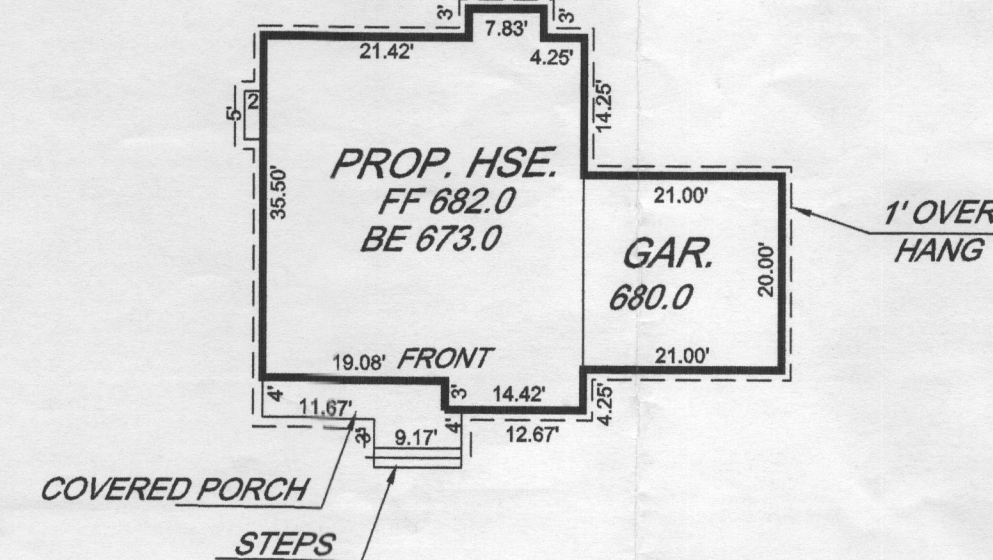
SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
GrlB	Glenville-Salts silt loams, 0 to 8 percent slopes	C
GrlC	Glenig loam, 3 to 8 percent slopes	B
GrlD	Glenig loam, 8 to 15 percent slopes	B
BrlD	Brinklow channery loam, 15 to 25 percent slopes	B

**REQUIRED SEQUENCE OF CONSTRUCTION (SINGLE FAMILY LOT)**

1. OBTAIN GRADING PERMIT (1-DAY)
2. CLEAR AND GRUB FOR INSTALLATION OF TEMPORARY SEDIMENT CONTROL MEASURES, SILT FENCE AND STONE CONSTRUCTION ENTRANCE. (1/2 DAY)
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES (1/2 DAY)
4. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR CLEAR AND GRUB SITE FOR CONSTRUCTION OF DWELLING, DRIVEWAY AND WALKS. (1 DAY)
5. STABILIZE ALL DISTURBED AREAS WITH SEED AND MULCH PER SCS STANDARDS. (2 DAYS)
6. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL TEMPORARY SEDIMENT CONTROL MEASURES AND STABILIZE ALL DISTURBED AREAS PER SCS STANDARDS. (2 DAYS)

**GENERAL NOTES**

1. OWNERS: ROY EDMON SPEEDY CLARK  
LOIS ISABELLE CLARK  
DEED REFERENCE: LIBER 9906, FOLIO 309  
DATE: FEBRUARY 28, 2006  
GRANTOR: ROY E. S. CLARK  
LOUIS ISABELLE CLARK
2. TAX MAP 07, GRID 20, PARCEL 117
3. THE BOUNDARY SHOWN HEREON IS BASED UPON CURRENT TITLE DEED.
4. NEAREST PUBLIC WATER SUPPLY, DAMASCUS, DISTANCE 6 MILES 1/2
5. THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #240044-0007 B, 12448B.
6. TOPOGRAPHY SHOWN HEREON IS FIELD RUN BY SILL ADCOCK & ASSOC. LLC, AS SHOWN ON THE SUPPLEMENTAL INFORMATION PLAN OF FLORENCE VISTA, HOWARD COUNTY FILE # F-10-076, AND FIELD CHECKED BY CRC & ASSOC.
7. THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FT OF THE SUBJECT PROPERTY UNLESS OTHERWISE SHOWN HEREON.
8. EXISTING WELLS HO-85-1924 AND HO-85-1925 SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN ACCURATELY.
9. SUBJECT PROPERTY IS ZONED RC-DEO.
10. THE SUBJECT PROPERTY SHOWN HEREON IS NOT SUBJECT TO ANY ZONING CASES VARIANCES OR SPECIAL EXCEPTIONS.
11. STORMWATER MANAGEMENT FOR THE SUBJECT PROPERTY SHOWN HEREON HAS BEEN SATISFIED BY TAKING CREDIT FOR DISCONNECTED NON-ROOF TOP RUNOFF AND SHEET FLOW TO THE FOREST CONSERVATION EASEMENT IN ACCORDANCE WITH MDE STORM WATER DESIGN MANUAL VOL. 1, SEC. 5.1 AND MDE ENVIRONMENTAL SITE DESIGN (ESD), THE HOWARD CO. DESIGN MANUAL VOL. 1, CHAPTER 5 REVISED AND THE HOWARD CO. DESIGN ESD ON SMALL PROJECTS.
12. THE REQUIREMENTS FOR A SIMPLIFIED ENVIRONMENTAL CONCEPT PLAN AND FOREST CONSERVATION FOR LOT 4 SHOWN HEREON HAVE BEEN SATISFIED UNDER THE FINAL PLAN FOR FLORENCE VISTA F-10-076



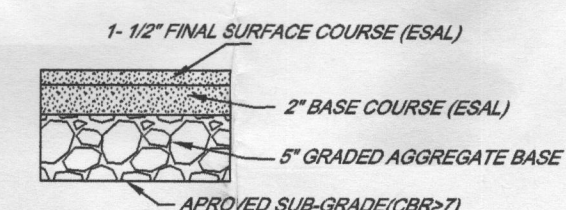
**HOUSE DETAIL**  
SCALE: 1"=30'

**SITE ANALYSIS**

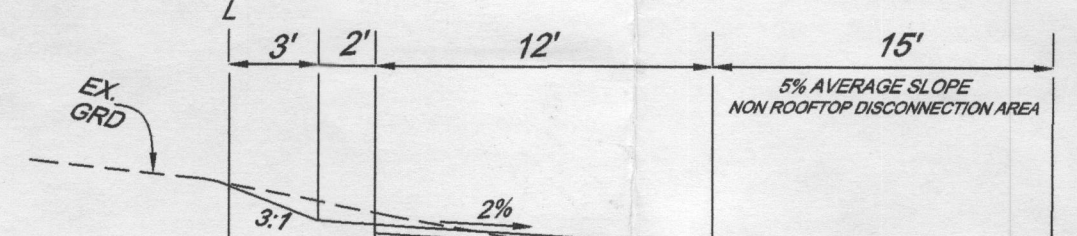
TOTAL AREA SITE	4.80 ACRES
AREA DISTURBED	26,265 SF
AREA TO BE ROOFED	2000 SF
AREA TO BE PAVED	4,190 SF
TOTAL IMPERVIOUS AREA	6,190 SF
AREA TO BE VEGETATIVELY STABILIZED	22,075 SF
TOTAL VOLUME CUT	948 CY.
TOTAL VOLUME FILL	948 CY.

**SWM REQUIREMENTS**

TOTAL AREA SITE	3.00 ACRES
PERCENT IMPERVIOUS	= 6%
RCN = 6%	TYPE #2 SOIL
P = 1.0'	ESD VOL. = 566 CU.-FT., SATISFIED BY DISCONNECTED RUNOFF.



**DRIVEWAY PAVING SECTION (P-1)**  
NOT TO SCALE



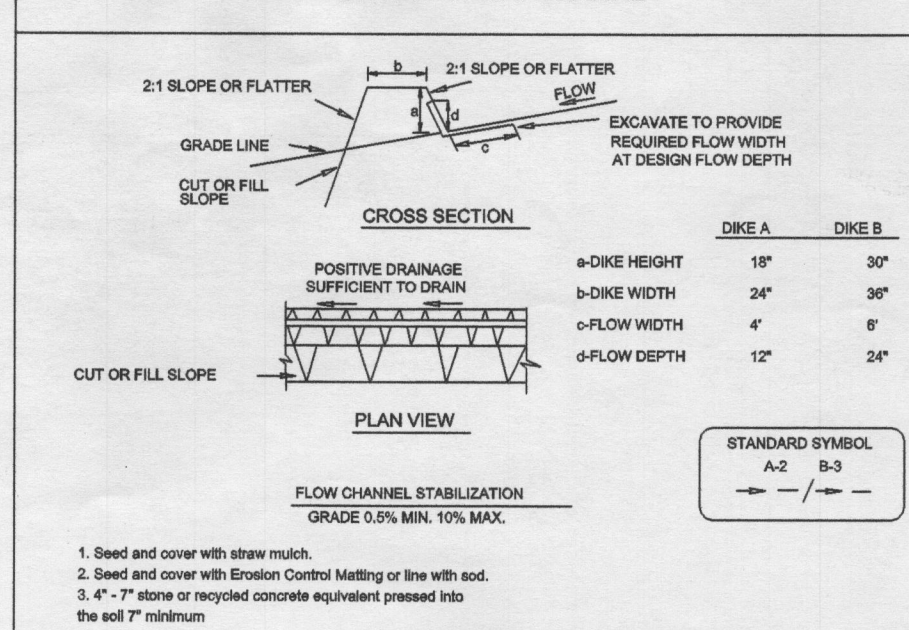
**DRIVEWAY DETAIL**  
NOT TO SCALE

**SEPTIC SYSTEM DATA**

HOUSE	
INV. AT HOUSE	670.50
SEPTIC TANK (1500 gal)	
EX. GRADE	673.00
FIN. GRADE	673.00
INV. IN	670.20
INV. OUT	670.04
PUMP CHAMBER (1000 gal)	
EX. GRADE	671.00
FIN. GRADE	672.25
INV. IN	669.94
INV. OUT	671.00
DISTRIBUTION BOX	
EX. GRADE	682.00
INV. IN	679.66
INV. OUT	679.50

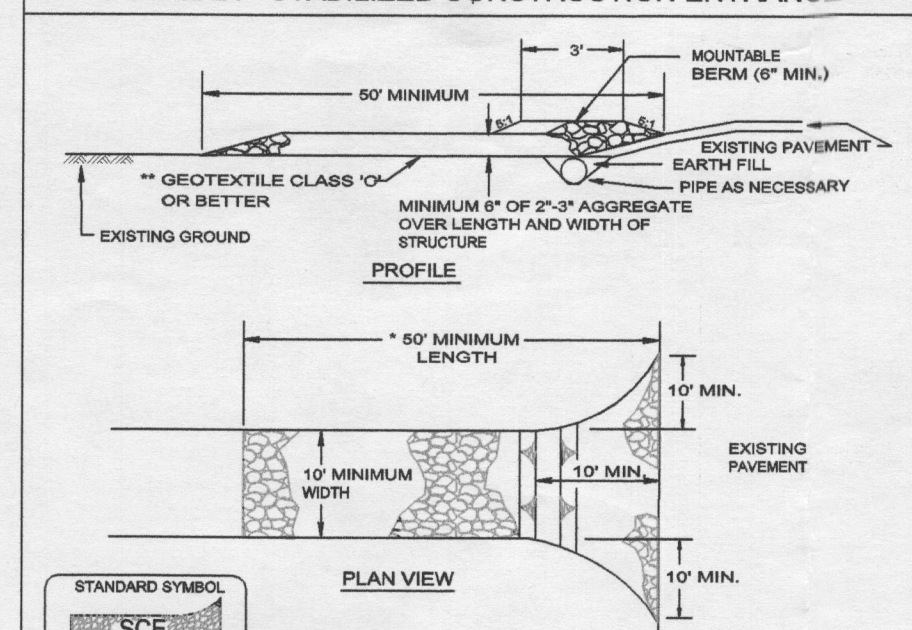
THE NUMBER OF TRENCHES, THEIR LENGTH, DEPTH, AND ORIENTATION TO BE DETERMINED BY HEALTH DEPARTMENT.  
GRAVITY SEWER SERVICE IS AVAILABLE TO FIRST FLOOR.  
SEWER SERVICE TO BASEMENT AVAILABLE BY GRINDER PUMP.

**DETAIL 1 - EARTH DIKE**



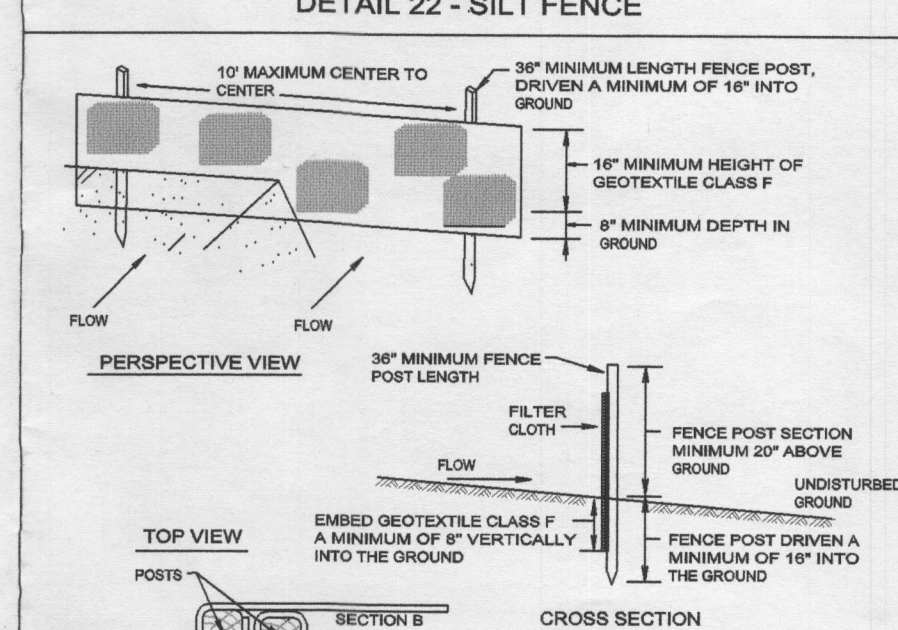
- Construction Specifications**
1. All temporary earth dikes shall have untempered puddle grade to the outlet. Spot elevations may be necessary for grade less than 1%.
  2. Slope divided from a disturbed area shall be necessary for a sediment trapping device.
  3. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
  4. All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper function of the dike.
  5. The dike shall be constructed or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede runoff flow.
  6. Fill shall be compacted by each moving equipment.
  7. All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.
  8. Inspection and maintenance must be provided periodically and after each rain event.

**DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE**

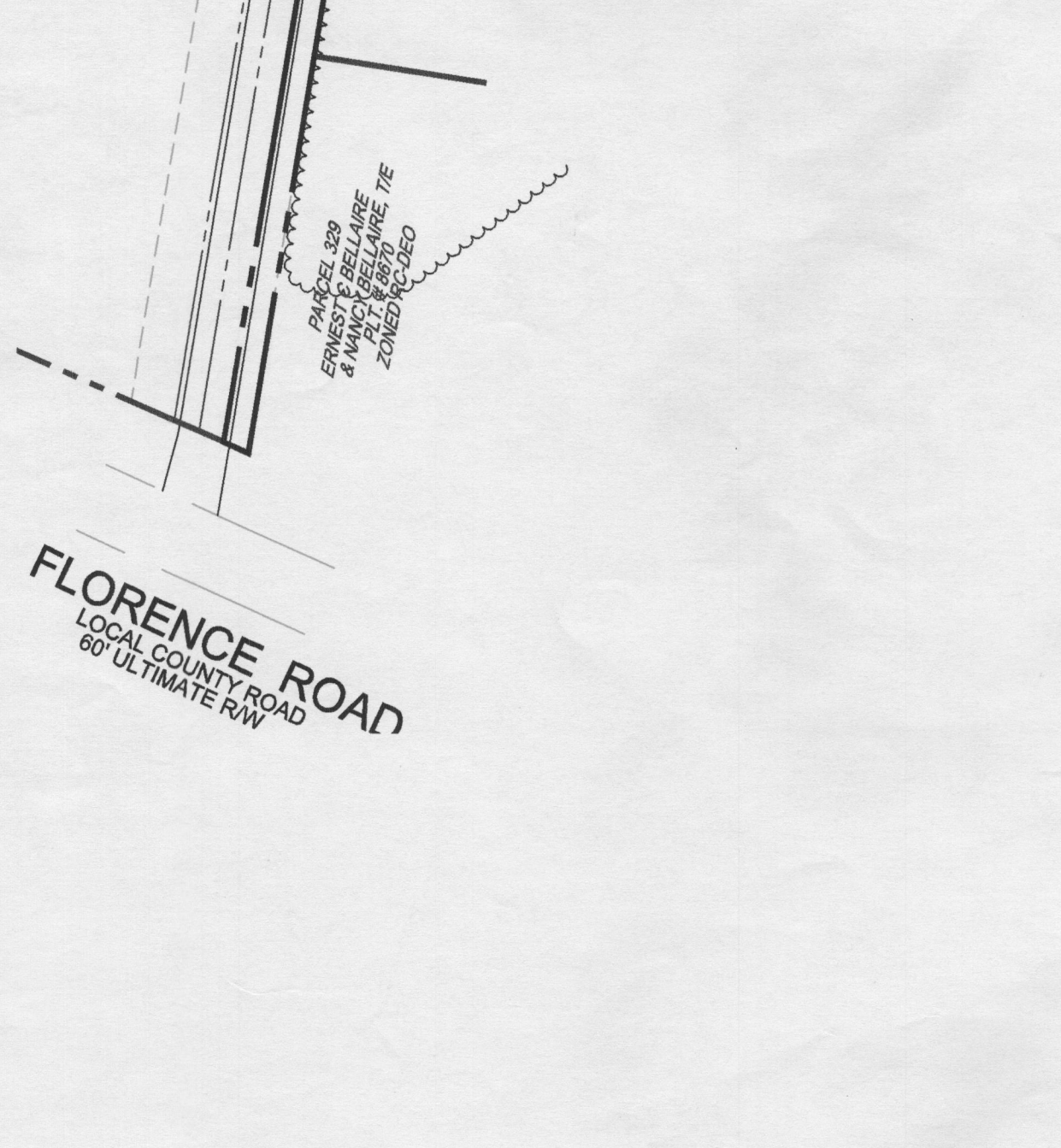
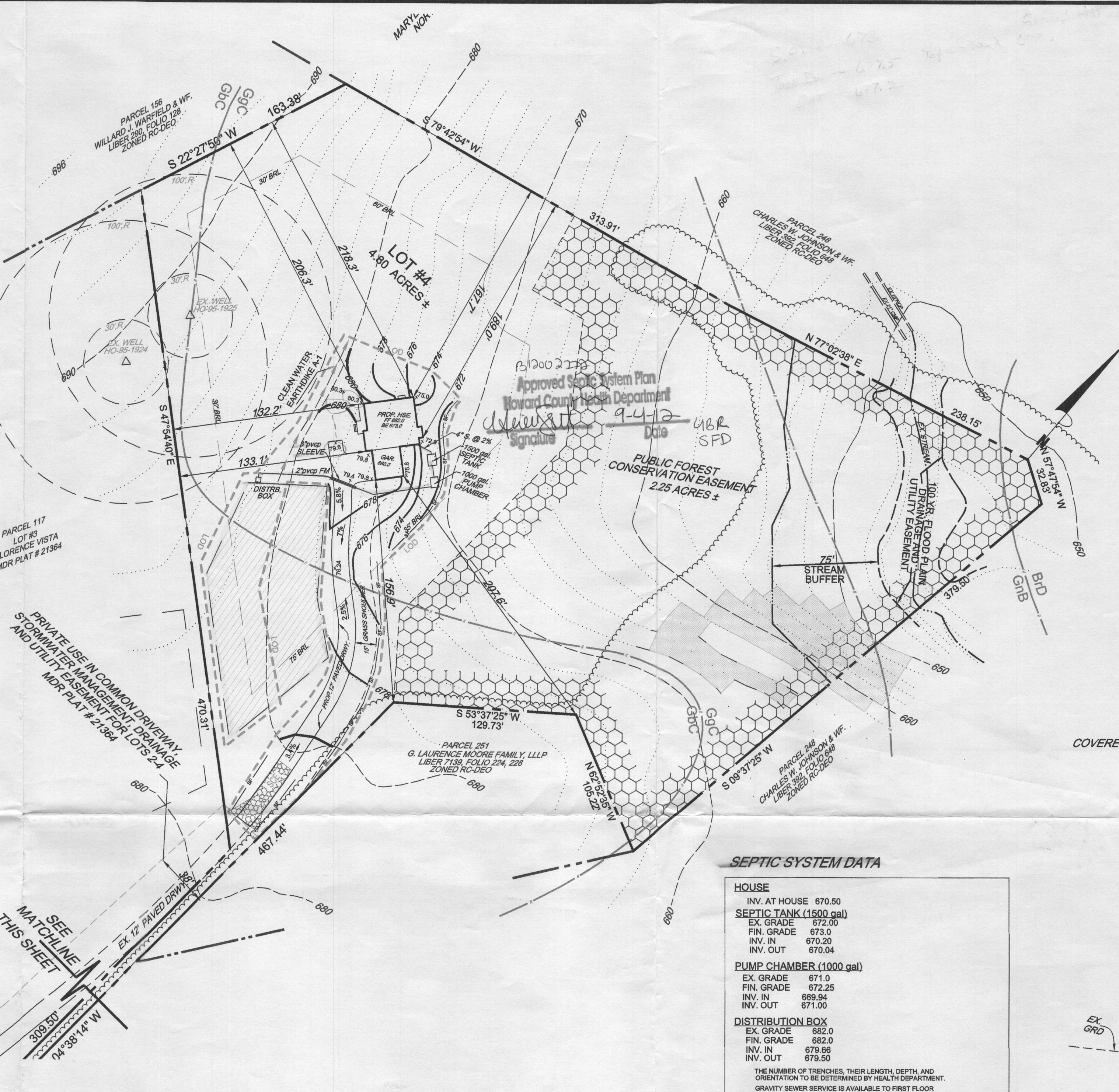
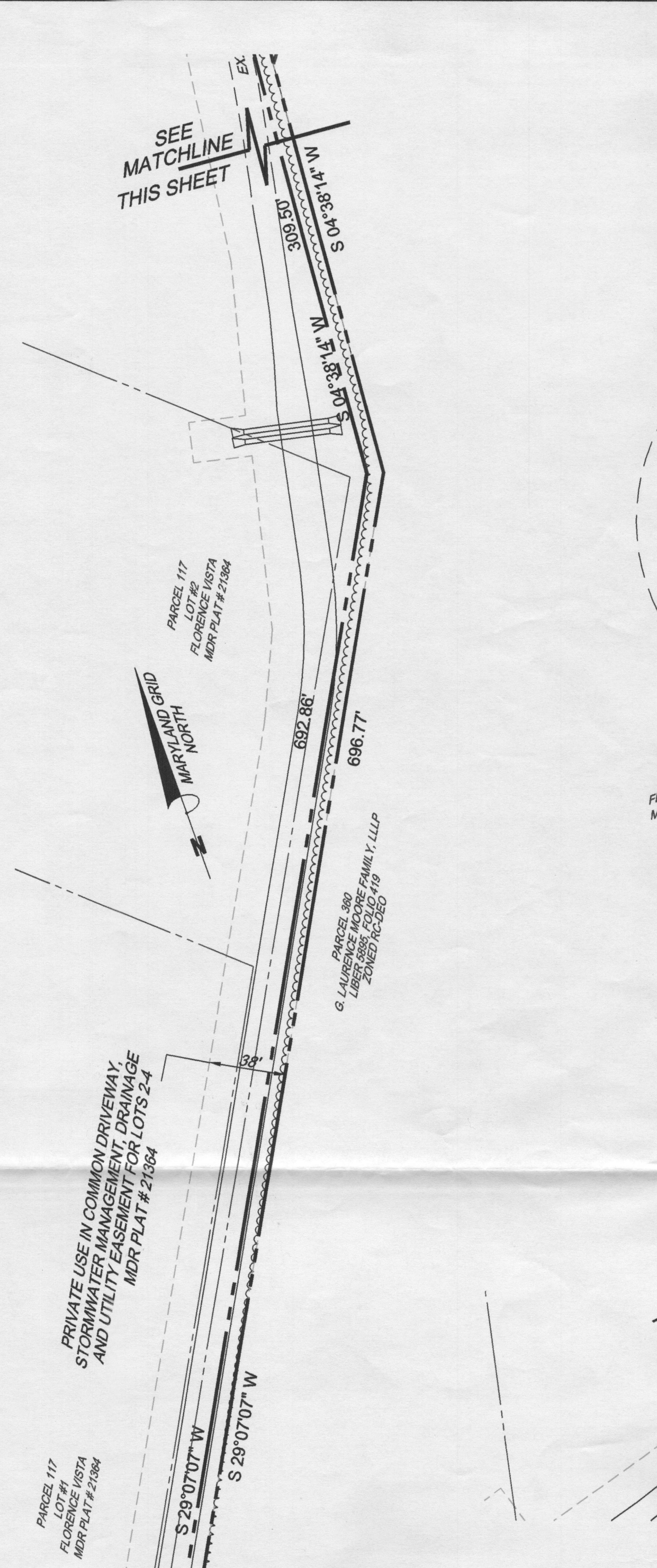


- Construction Specification**
1. Length - minimum of 50' (\*\*30' for single residence lot).
  2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
  3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*\*The plan approval authority may not require single family residence to use geotextile.
  4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
  5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipes installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipes shall be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
  6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

**DETAIL 22 - SILT FENCE**



- Construction Specifications**
1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 1.00 pound per linear foot.
  2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:  
Tensile Strength: 50 lbs/in (min.) Test: MSMT 509  
Tensile Modulus: 20 lbs/in (min.) Test: MSMT 509  
Flow Rate: 0.3 gal ft<sup>2</sup> / minute (max.) Test: MSMT 322  
Filtering Efficiency: 75% (min.) Test: MSMT 322
  3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
  4. Silt Fence shall be inspected after each rainfall event and maintained when edges occur or when sediment accumulation reaches 80% of the fabric height.



**LEGEND**

- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- PROP. LOT LINES
- EX. EASEMENTS
- EX. CONTOURS
- PROP. CONTOURS
- EX. TREEWOODS LINE
- SOILS LINE
- LIMIT OF DISTURBANCE
- DNOTES SLOPES 25% OR GREATER
- DNOTES SLOPES 15-25%
- EX. SEWAGE DISPOSAL AREA
- STABILIZED CONSTRUCTION ENTRANCE
- SUPER SILT FENCE
- SILT FENCE

**NON-SDP RESIDENTIAL PLOT PLAN**  
LOT 4  
FLORENCE VISTA  
(MDR PLAT # 21364)  
# 2925 FLORENCE RD.

TAX MAP 07 GRID 20 PARCEL 117  
4TH ELECTION DISTRICT

ZONED - "RC-DEO"  
HOWARD COUNTY, MARYLAND

Prepared by: CHARLES R. CROCKEN AND ASSOCIATES, INC.  
Civil Engineering - Land Planning  
902 LEE AVE.  
SYKESVILLE, MD 21784  
Tel. (410) 549-2708  
Fax. (410) 549-9063

TAX MAP 20 GRID 3 PARCEL 115  
DESIGNED BY: C.R.C.  
DRAWN BY: C.H.C.

PROJECT NO.:  
DATE: AUGUST, 2012  
SCALE: 1" = 50'  
DRAWING NO. 1 OF 1