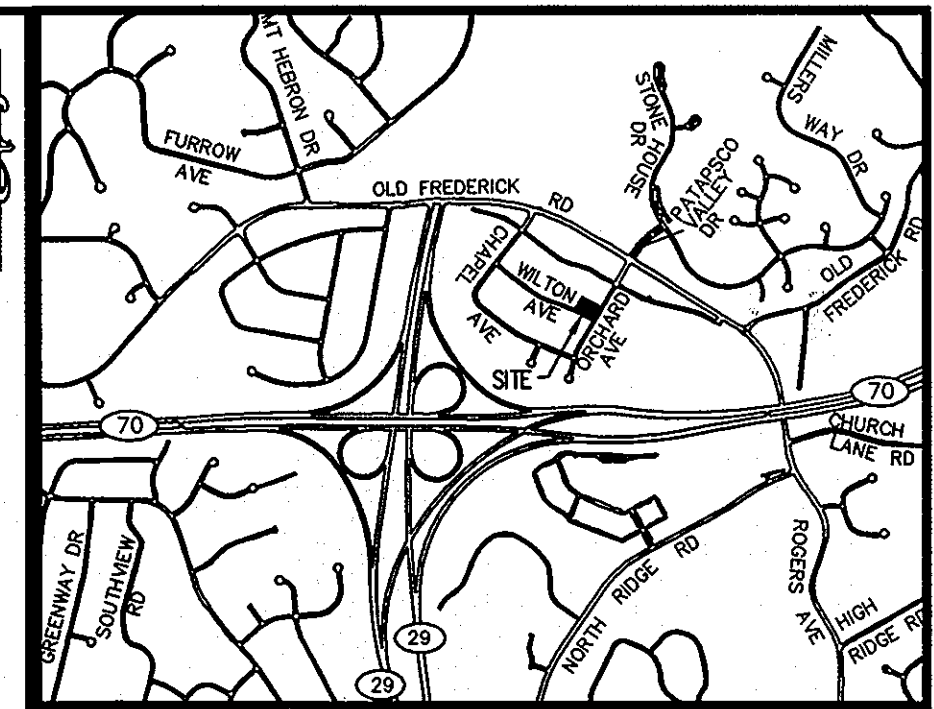
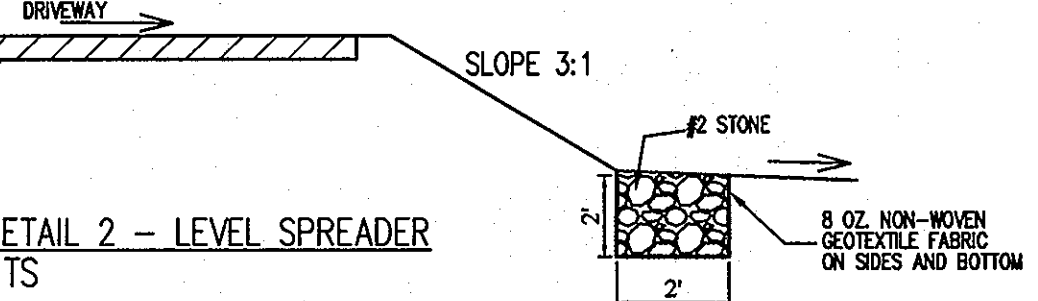
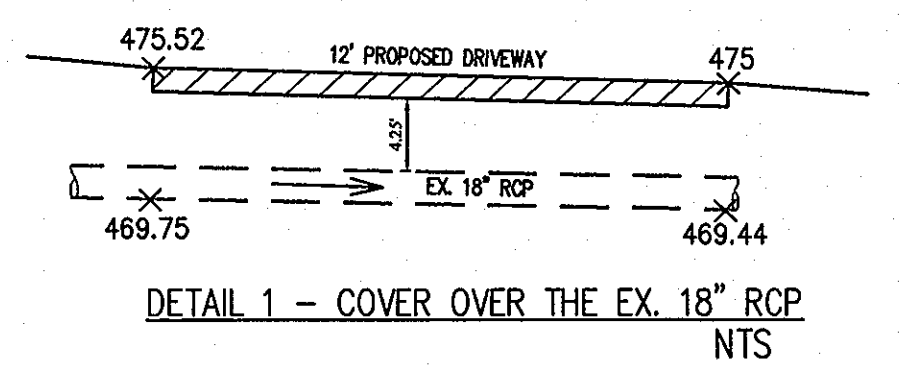


- SEQUENCE OF CONSTRUCTION**
1. Obtain a Grading Permit.
 2. Install Stone Construction Entrance.
 3. Install the sediment control measures as shown on plan.
 4. Perform necessary grading and construction of house and driveway.
 5. Stabilize the site with topsoil and seeding.
 6. After the site is permanently stabilized and permission is granted from the Howard County Sediment Control Inspector, remove sediment controls and stabilize any remaining disturbed areas.



VICINITY MAP
SCALE 1:2000

- GENERAL NOTES:**
1. This site is zoned R-20 per the 02-02-04 Comprehensive Zoning Plan.
 2. BRL denotes Building Restriction Line.
 3. Driveway shall be provided per the following minimum requirements & Std. Det. R-6.06:
 - a. Width-12' minimum (16' maximum);
 - b. Driveway must be paved from edge of public road to right of way line using Standard Paving Section P-1 or alternate section equal to or better than P-1, as approved by DPW;
 - c. Tie-in grade of private driveway shall not exceed 15% max. grade change 6%;
 - d. Structures (culverts/bridges)-capable of supporting 25 gross tons (H25 loading);
 - e. Drainage Elements-capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface;
 - f. Maintenance-sufficient to insure all weather use.
 4. Topography shown here is based on field run topo performed by KCE Engineering, Inc. in October, 2010. Elevations are based on GIS topo points and the horizontal coordinates are based on the subdivision plat titled Wilton Farm Acres, recorded as Plat Book 4, Page 60.
 5. Boundary survey was performed by KCE Engineering, Inc. in October, 2010.
 6. There are no wetlands on site.
 7. There are no floodplains on site.
 8. The site is exempt from the forest conservation since the lot was recorded prior to 1976, and is less than 40,000 sq.ft. in area.
 9. The contractor shall notify "miss utility" at 1-800-257-7777 at least 48 hours prior to any excavation work being done.
 10. Waiver Petition WP-11-116 to Section 16.155(a)(2)(i) requiring the submission of a site development plan for residential development, subject to the following conditions:
 - a. In accordance with the enclosed comments from the Development Engineering Division, an Environmental Concept Plan (ECP) is required. A sight distance analysis for the new driveway shall be made a part of the ECP submission.
 - b. All new construction shall be in accordance with the R-20 Bulk Requirements of the Zoning Regulations and per the recorded building setbacks as shown on the plat for Wilton Farm Acres, Section A, PB 4/Folio 60.
 - c. The property owner is advised that new address from Wilton Avenue shall be assigned to Lot 20 due to relocation of the driveway.



STORMWATER MANAGEMENT SUMMARY TABLE

Practice	Location	Area Treated	Volume (ESDv)
Rooftop Disconnection - A	Front of House	500 ft ²	40 ft ³
Rooftop Disconnection - B	Back of House	500 ft ²	40 ft ³
Rooftop Disconnection - C	Back of House	500 ft ²	40 ft ³
Rooftop Disconnection - D	Front of House	500 ft ²	15.83 ft ³
Level Spreader	Next to driveway	-	-
Rain Barrel	Side of Garage	400 ft ²	20.05 ft ³
Rain Barrel	Side of Garage	400 ft ²	20.05 ft ³
Rooftop Disconnection - E	Side of Garage	400 ft ²	12.67 ft ³
Rooftop Disconnection - F	Side of Garage	400 ft ²	12.67 ft ³
		Total ESDv Provided	201 ft³
		Total ESDv Required	130 ft³

- This requested waiver will remain valid for one year from the date January 26, 2011 or as long as building permit remains active.
11. Contractor to maintain positive slope away from the foundation of the house.
 12. Approval of this ECP shall not be construed as approval for location of any structures or all other information as required by zoning regulations or other development plans.
 13. Removal of Specimen tree permitted when forest conservation obligations are not required.

- LEGEND**
- ROAD SIGN
 - SANITARY SEWER MANHOLE
 - POWER POLE
 - WATER VALVE
 - WATER METER
 - BUSH
 - OVERHEAD WIRE
 - IPF, IPIN DENOTES IRON PIPE FOUND
 - EX. TREE LINE
 - 477 PROPOSED CONTOUR
 - 478 EXISTING CONTOUR
 - SF SLOPE
 - STABILIZED CONSTRUCTION ENTRANCE (SCE) W/MOUNTABLE BERM
 - EX. SPOT ELEVATION
 - 476.20 PROPOSED SPOT ELEVATION
 - TBR TO BE REMOVED
 - LOD 1 LIMIT OF DISTURBANCE FOR AREA TO BE CHANGED FROM IMPERVIOUS TO PERVIOUS
 - LOD 2 LIMIT OF DISTURBANCE FOR EX. HOUSE FOUNDATION TO BE USED FOR CONSTRUCTION OF NEW HOUSE
 - LOD 3 LIMIT OF NEW AREA OF DISTURBANCE ALONG NORTHWEST AREA OF THE PROPERTY
 - BUILDING RESTRICTION LINE

- STANDARD 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 (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 most recent 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 12 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 (Sec.51), sod (Sec. 54), temporary seeding (Sec. 50), and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 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	= 0.69 Acres=30,099 sft.
New Area Disturbed	= 0.11 Acres=4,700 sft.
New Area to be roofed or paved	= 0.08 Acres=3,300 sft. (within LOD3)
New Area to be vegetatively stabilized	= 0.03 Acres=1,400 sft. (within LOD3)
Existing impervious area to be vegetatively stabilized	= 0.05 Acres=2,000 sft. (within LOD1)
Total Cut	- To be balanced onsite
Total Fill	- To be balanced onsite

 Offsite waste/borrow area location:
 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. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made. 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.

SOILS LEGEND

SYMBOL	NAME/DESCRIPTION	TYPE
GhB	Glennig-Urban land complex, 0 to 8% slopes	B

KCE ENGINEERING, INC.
EXECUTIVE CENTER
3300 NORTH RIDGE ROAD, SUITE 315
ELLCOTT CITY, MARYLAND 21043
PHONE (410) 203-9800 FAX (410) 203-9228



OWNER/DEVELOPER
THOMAS BURKE
2614 ORCHARD AVENUE
ELLCOTT CITY, MD 21043
(410) 465 6380

ENGINEER'S CERTIFICATE
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
Signature of Engineer: Dharam V. Kathuria
Print name of Engineer: DHARAM V. KATHURIA

DEVELOPER'S CERTIFICATE
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.
Signature of Developer: Thomas Burke
Print name of Developer: THOMAS BURKE

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chief, Development Engineering Division: [Signature] 6/9/11
Chief, Division of Land Development: [Signature] 6/9/11
Director: [Signature] Date

ENVIRONMENTAL CONCEPT PLAN
BURKE PROPERTY
WILTON FARM ACRES, SECTION A
P.B. 4, FOLIO 60, LOT 20, ZONING R20
TAX MAP 17, PARCEL 240, ELECTION DISTRICT 02
HOWARD COUNTY, MARYLAND

SCALE: 1" = 20'
JOB NO.: 10112
DATE: JUNE 1, 2011
SHEET: 1 OF 1

ECP-11-047