

**HOWARD COUNTY  
 PERMIT APPLICATION**

**PERMIT NUMBER**

B09003241

Building Address 12130 Fulton Ridge Dr.  
Fulton MD 20759

Property Owner's Name Jatinder Singh  
 Address 4300 Valleystream Ave  
 City Burtonsville State MD Zip Code 20866  
 Home Phone 301-476-0501 Work Phone 240-593-1950  
 Applicant's Name & Mailing Address, (if other than stated herein):

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

Census Tract \_\_\_\_\_ Subdivision Fulton Ridge

Section \_\_\_\_\_ Area 2 Lot 9

Tax Map 41 Parcel 506 Grid 13

Zoning \_\_\_\_\_ Map Coordinates \_\_\_\_\_ Lot Size 42,171 sq ft

Existing Use Residential

Proposed Use \_\_\_\_\_

Estimated Construction Cost \$ \_\_\_\_\_

Description of Work Build 2 story  
 Residence Home

Phone 301-476-0501 Fax 443-430-9261

Contractor Company SELF Build

Contact Person JATINDER SINGH

Address 4300 Valleystream Ave

City Burtonsville State MD Zip Code 20866

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

Phone 301-476-0501 Fax 443-430-9261

Occupant or Tenant JATINDER SINGH

Contact Name JATINDER SINGH

Address 4300 Valleystream Ave

City Burtonsville State MD Zip Code 20866

Phone 301-476-0501 Fax 443-430-9261

Engineer or Architect Company CREATIVE OUTLOOK

Contact Person Phil

Address 3917 Bethany Ln

City Hamstead State MD Zip Code \_\_\_\_\_

Phone 410-239-0261 Fax 410-239-6017

**BUILDING DESCRIPTION - COMMERCIAL**

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public _____ Private _____
No. of stories: _____	Sewage Disposal: _____ Public _____ Private _____
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____ State Certified Modular _____	Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____ 1 <sup>st</sup> floor: <u>41</u> <u>68</u> 2 <sup>nd</sup> floor: <u>41</u> <u>68</u> Basement: <u>41</u> <u>45</u>	Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms <u>5</u>	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>
Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____ State Certified Modular _____ Manufactured Home _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
	Sprinkler system: N/A <input checked="" type="checkbox"/> NFA #13D _____ NFA #13R _____ Other: _____

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 Jatinder Singh

Print Name JATINDER SINGH

Title/Company \_\_\_\_\_

Date 11/30/07

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY AND LEGIBLY.\*\*

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE	APPROVAL
Land Development, DPZ			
State Highways			
Building Officials			
Dev. Engineering, DPZ			
Health	<u>12/10/2009</u>	<u>R. Bucken</u>	
Fire Protection			

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>

PROPERTY ID #
Filing fee \$ <u>100.00</u>
Permit fee \$ _____
Excise tax \$ _____
Add'l per fee \$ _____
TOTAL FEES \$ _____
Sub-total paid \$ _____
Balance due \$ _____
Check # <u>106</u>
Validation # _____

Is Sediment Control approval required prior to issuance?  
 YES  NO

Is Entrance Permit Required?  
 YES  NO

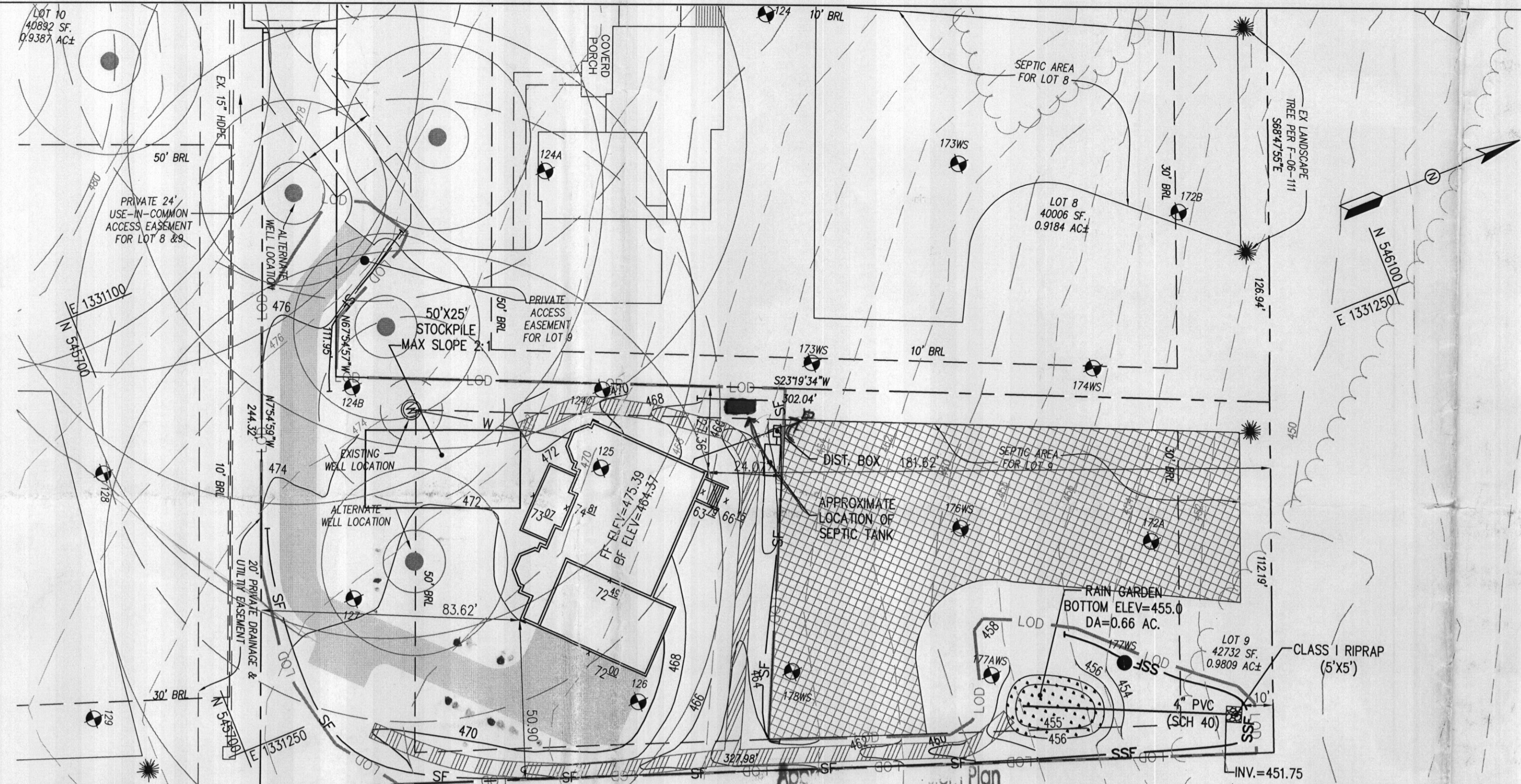
Historic District?  
 YES  NO

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

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

Accepted by [Signature]

CONTINGENCY CONSTRUCTION START:   
 ONE STOP SHOP:



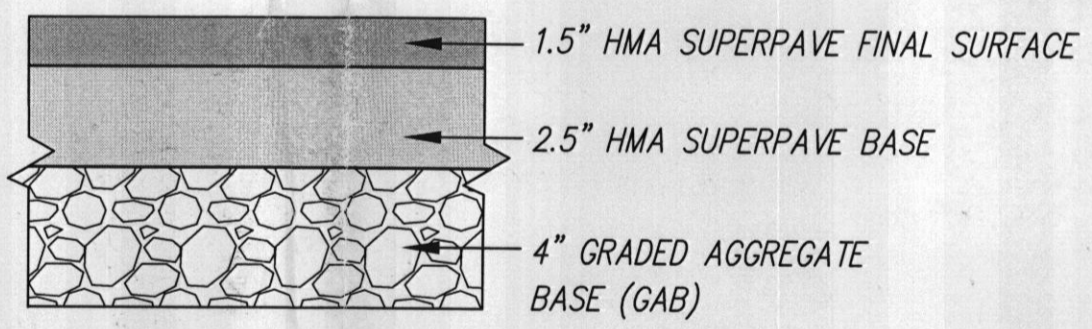
Howard County Health Department  
5-Badroom SFD approved as shown

REVISOR: R. B. ... 12/10/2009  
DATE: 12/10/2009

REVISED SEPTIC TANK

INV. OUT OF HOUSE	462.30
INV. INTO SEPTIC TANK	464.70
INV. OUT SEPTIC TANK	461.50
GROUND OVER SEPTIC TANK	466.50
INV. INTO DIST. BOX	461.10
INV. OUT OF DIST. BOX	461.50
GROUND OVER DIST. BOX	465.50

- LEGEND:**
- SSF SUPER SILT FENCE
  - SD SILT FENCE
  - LOD LIMIT OF DISTURBANCE
  - APPROVED PERCOLATION TEST HOLE
  - SCE STABILIZED CONSTRUCTION ENTRANCE
  - APPROVED LOCATION OF SEPTIC DRAIN FIELD
  - PROPOSED ASPHALT PAVEMENT
  - PROPOSED RAIN GARDEN
  - EROSION CONTROL MATTING



HOWARD COUNTY PAVING SECTION - P1  
(HO. CO. DETAIL R-2.01)  
NOT TO SCALE

NOTE: ENTIRE SITE'S SOIL IS CLASSIFIED AS TYPE "B" SOIL.

**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.

DEVELOPER: [Signature] DATE: 11/24/09

**ENGINEER'S CERTIFICATE**

I HEREBY 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.

ENGINEER - SANJAY B. PATEL, P.E. #31042 DATE: 11/24/09

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE: 11/24/09

**21.0 STANDARD AND SPECIFICATIONS FOR TOPSOIL**

**Definition**  
Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

**Purpose**  
To provide a suitable soil medium for vegetative growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

**Conditions Where Practice Applies**

- This practice is limited to areas having 2:1 or flatter slopes where:
  - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
  - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
  - The original soil to be vegetated contains material toxic to plant growth.
  - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

**Construction and Material Specifications**

- Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
  - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2" in diameter.
  - Topsoil must be free of plants or plant parts such as bermuda grass, quackgrass, Johnsongrass, nutgrass, poison ivy, thistle, or others as specified.
  - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- For sites having disturbed areas under 5 acres:
  - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization Section 1 - Vegetative Stabilization Methods and Materials.
- For sites having disturbed areas over 5 acres:
  - On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
    - pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
    - Organic content of topsoil shall be not less than 1.5 percent by weight.
    - Topsoil having soluble salt content greater than 500 parts per million shall not be used.
    - No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phytotoxic materials.
  - Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.
- Place topsoil (if required) and apply soil amendments as specified in 20.0 Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.

**Note:** Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

- When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins.
- Grade on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.
- Topsoil shall be uniformly distributed in a 4" - 8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.
- Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

**Alternative for Permanent Seeding** - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

- Composted Sludge Material use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:
  - Composted sludge shall be supplied by, or originate from, a person or persons that permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.
  - Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.
  - Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.
- Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal lime application rate.

References: Guideline Specifications, Soil Preparation and Sodding, Md-VA, Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes.

**PERMANENT SEEDING NOTES**

Apply to graded or cleared area 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, discing or other acceptable means before seeding. (If not previously loosened)

**SOIL AMENDMENTS:** In lieu of soil test recommendations, use on the following schedules:  
 1) Preferred - Apply 2 tons per acre dolomite limestone (92 lbs/1000 sf) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sf) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sf).  
 2) Acceptable - Apply 2 tons per acre dolomite limestone (92 lbs/1000 sf) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000sf) before seeding. Harrow or disc into upper three inches of soil.

**SEEDING:** For the periods March 1 through April 30 and August 1 through October 15, seed with 60 lbs per acre (14 lbs/1000sf) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.05 lbs/1000 sf) of Weeping Lovegrass. During the period of October 16 through February 28, protect site by Option 1: 2 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 sf) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sf) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000sf) for anchoring.

**MAINTENANCE:** Inspect all seeded areas and make needed repairs, replacements and reseeding.

**TEMPORARY SEEDING NOTES**

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

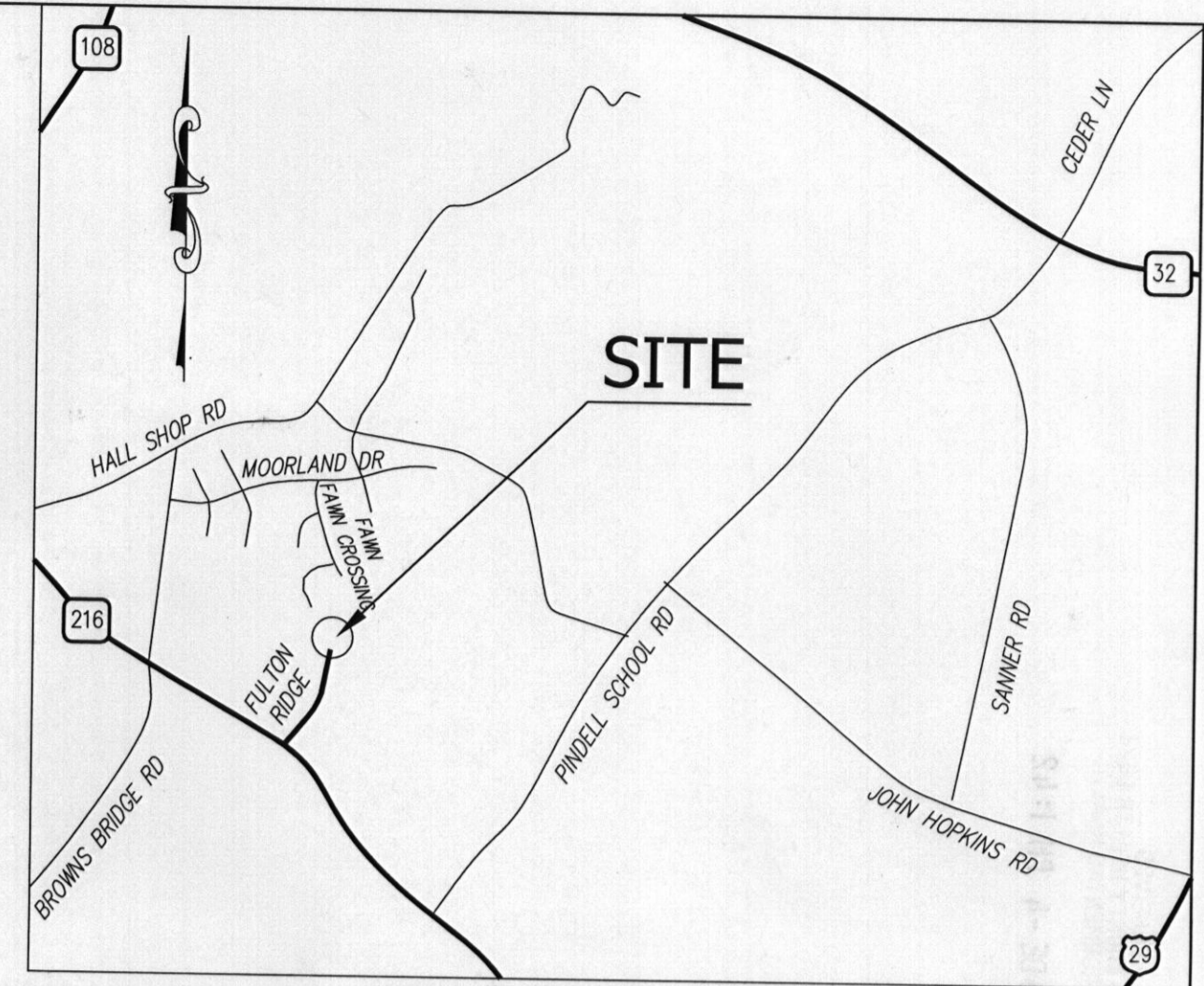
**SEEDBED PREPARATION:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding. (If not previously loosened)

**SOIL AMENDMENTS:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sf).

**SEEDING:** For periods March 1 through April 30 and from August 15 through November 15, seed with 2-1/2 bushel per acre of annual ryegrass (3 lbs/1000 sf). For the period May 1 through August 14, seed with 3 lbs per acre of Weeping Lovegrass (0.07 lbs/1000 sf). For the period November 16 through February 28, protect site by applying 2 tons per 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 per acre (70 to 90 lbs/1000 sf) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sf) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sf) for anchoring.

Refer to the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control for rate and methods not covered.



**VICINITY MAP**  
SCALE: NTS  
ADC MAP 18, GRIDE E-2

**STANDARD EROSION AND SEDIMENT CONTROL NOTES**

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and permits, sediment control divisions prior to the start of any construction (313-1855).
- 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.
- 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.
- All sediment traps/basins shown must be fenced and warning signs posted around the perimeter in accordance with vol.1, chapter 7, of the Howard county design manual, storm drainage.
- 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. (See 6). Temporary stabilization with mulch alone shall only be done when recommended seeding dates do not allow for proper germination and established of grasses.
- 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.
- Site Analysis:
 

Total area of site	0.98 Acres
Area Disturbed	0.62 Acres
Area to be roofed or paved	0.17 Acres
Area to be vegetatively stabilized	0.45 Acres
Total cut	600 Cu. Yards
offsite waste/borrow location to have an active grading permit.	665 Cu. Yards
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard county sediment control inspector.
- 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.
- Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
- Sediment will be removed from traps when its depth reaches clean out elevation shown on the plans.
- Cut and fill quantities provided under site analysis do not represent big quantities. These quantities do not distinguish between topsoil, structural fill or embankment material, nor do they reflect consideration of undercutting or removal of unsuitable material. The contractor shall familiarize himself with site conditions which may affect the work.

GP-10-34

Rev. No.	Revision	Rev. Date

**ENGINEER**  
AB CONSULTANTS, INC.  
9450 ANNAPOLIS ROAD  
LANHAM, MARYLAND 20706  
PHONE: (301) 306-3091  
FAX: (301) 306-3092  
CONTACT: SANJAY PATEL, PE (EXT. 121)

**PROFESSIONAL CERTIFICATION:**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31042, EXPIRATION DATE: 02/18/11

PROJECT NO. 09-316  
SCALE: 1"=30'  
DATE: 11/24/09  
DRAWN BY: HRP  
CHECKED BY: SBP

**OWNER:** JITENDRA SING  
4300 VALLEY STREAM AVE.  
BURTONSVILLE, MD 20866  
PHONE: 240-593-1950  
FAX: 443-430-9261

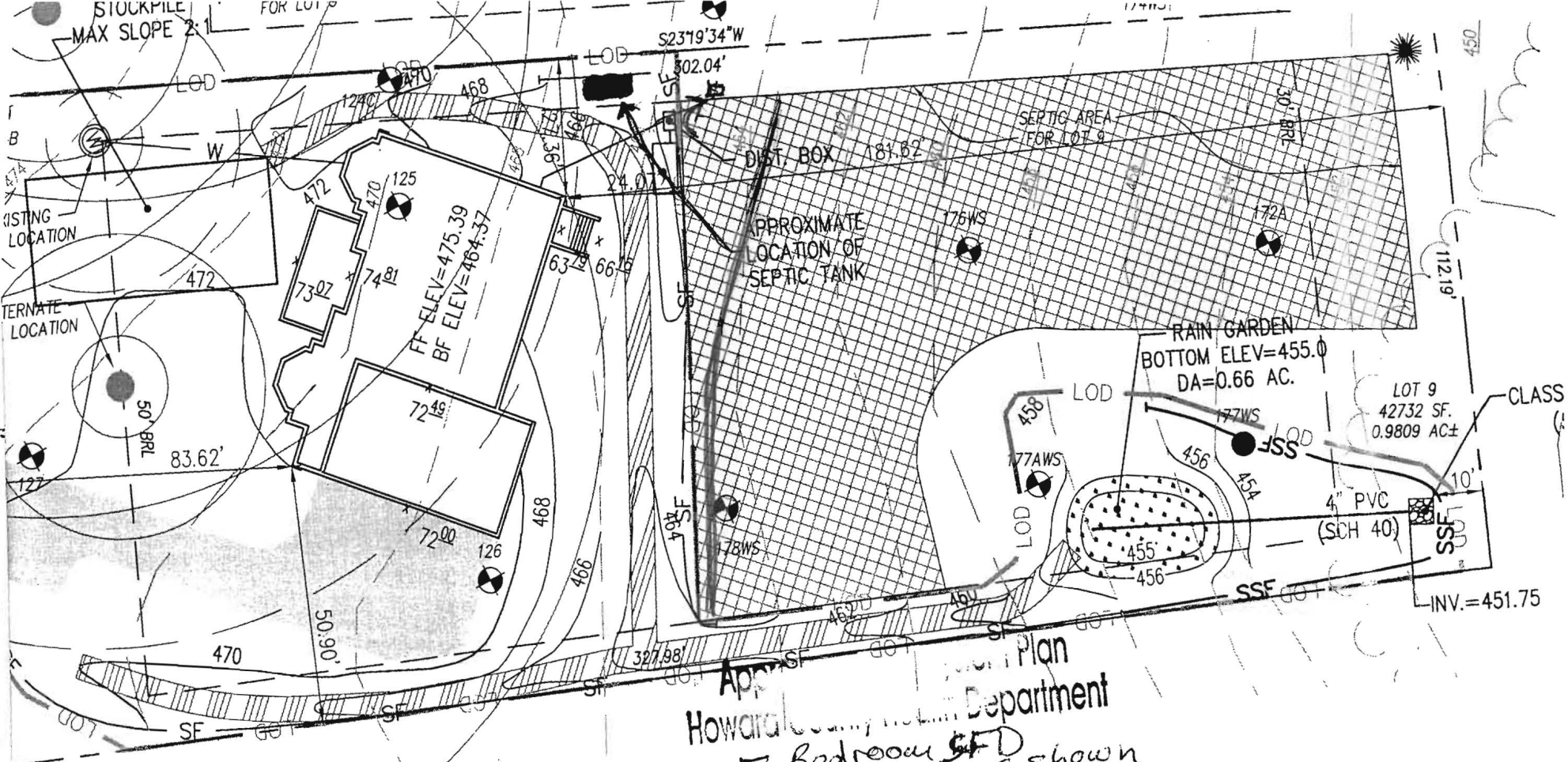
**FULTON RIDGE LOT 9**

12130 FULTON RIDGE DRIVE  
FULTON, MD 20759  
TAX MAP NO. 41, GRID 13, PARCEL NO. 506  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**GRADING PERMIT, SEDIMENT AND EROSION CONTROL PLAN AND NOTES**

**C-01**

SHEET 1 OF 2



Approved by  
 Howard County Health Department  
 5 Bedroom SFD  
 approved as shown

*R. Bisher*  
 Signature

12/10/2009  
 Date

**REVISED SEPTIC TANK**

INV. OUT OF HOUSE	462
INV. INTO SEPTIC TANK	461
INV. OUT SEPTIC TANK	461
GROUND OVER SEPTIC TANK	466
INV. INTO DIST. BOX	46"
INV. OUT OF DIST. BOX	46"
GROUND OVER DIST. BOX	46"

NCE  
 IRBANCE  
 RCOLATION TEST HOLE

Lot 9  
 12130 Fulton Ridge Dr.

**GENERAL**

DEPARTMENT OF INSPECTIONS,  
 LICENSES & PERMITS  
 3430 COURT HOUSE DRIVE  
 ELLICOTT CITY, MD 21043  
 PERMITS (410) 313-2455  
 INSPECTIONS (410) 313-1850

HOWARD COUNTY  
 RESIDENTIAL  
 HEATING-VENTILATION-AIR  
 CONDITIONING AND  
 REFRIGERATION PERMIT  
 APPLICATION

HVACR PERMIT # M10000772  
 BUILDING PERMIT # B09003241

BUILDING ADDRESS: SUITE/APT:  
 12130 Fulton Ridge Dr.  
 Fulton, MD 20759  
 SUBDIVISION: -  
 CENSUS TRACT: SECTION: - AREA: 2  
 LOT: 9 TAX MAP: 41 PARCEL: 506  
 BLOCK: 9999 ZONE: 13  
 PROPERTY ID: 445493 MAP COORDINATES: 18 F2  
 TYPE OF IMPROVEMENTS: New House USE: Heat + A.C.

OWNERS NAME: Jatinder Singh  
 ADDRESS: 4300 Valley Stream Ave.  
 CITY: Bartonsville  
 STATE: MD ZIP CODE: 20866  
 HOME PHONE: 240-593-1950 WORK PHONE:

CHECK ONE	HOW MANY
SINGLE FAMILY DWELLING <input checked="" type="checkbox"/>	<u>2</u> ZONES
SINGLE FAMILY TOWNHOUSE <input type="checkbox"/>	___ ZONES
MULTI-FAMILY / HOTEL/MOTEL <input type="checkbox"/>	___ ROOMS
ASSISTED LIVING HOMES (16 OR FEWER RESIDENTS) <input type="checkbox"/>	___ ROOMS

COMPANY NAME: Watervale Geothermal  
 LICENSEE NAME: Joseph Opdyke  
 ADDRESS: 2116 Watervale Rd.  
 CITY: Fallston  
 STATE: MD ZIP CODE: 21047  
 PHONE: 410-879-0292 HVACR LICENSE NO: 7629  
 or 443-255-4527

New

- Heating and Air Conditioning  
 Geo Thermal System

- Heating System Only  
 Ductless Mini Splits

- Other Work (Describe):  
 Thru The Wall Systems

Replacement

- Heating  
 Air Conditioning  
 Heating and Air Conditioning

Additions and Alterations

- Heating  
 Air Conditioning  
 Heating and Air Conditioning

\*\*\*\*Replacement Geo Thermal Systems are not required; However, if a tax credit is being sought a permit is required\*\*\*\*

Zones

Permit Fee = # of Zones x \$40 = 2  
 Technology Fee (10% of Permit Fee) =  
 Plus Application Fee  
 Total Fees Due =

*9/7/2010  
 approved -  
 Relocated Permits  
 Sites and Approved  
 Permit Application*  
\$50.00  
\$ 138.00

Rooms

Permit Fee = # of Rooms x \$80 =  
 Technology Fee (10% of Permit Fee)  
 Plus Application Fee \$40  
 Total Fees Due = \$50.00

I HAVE CAREFULLY EXAMINED AND READ THIS APPLICATION AND KNOW IT IS TRUE AND CORRECT. THE WORK DESCRIBED HEREIN WILL BE PERFORMED BY A STATE HVACR LICENSED PERSON(S), AND ALL WORK WILL BE PERFORMED IN COMPLIANCE WITH APPLICABLE CODES AND STANDARDS OF HOWARD COUNTY THE STATE OF MARYLAND.

*Joseph F. Opdyke*  
 SIGNATURE OF LICENSEE

*July-30-2010*  
 DATE

*Joseph Opdyke*  
 PRINT NAME OF LICENSEE

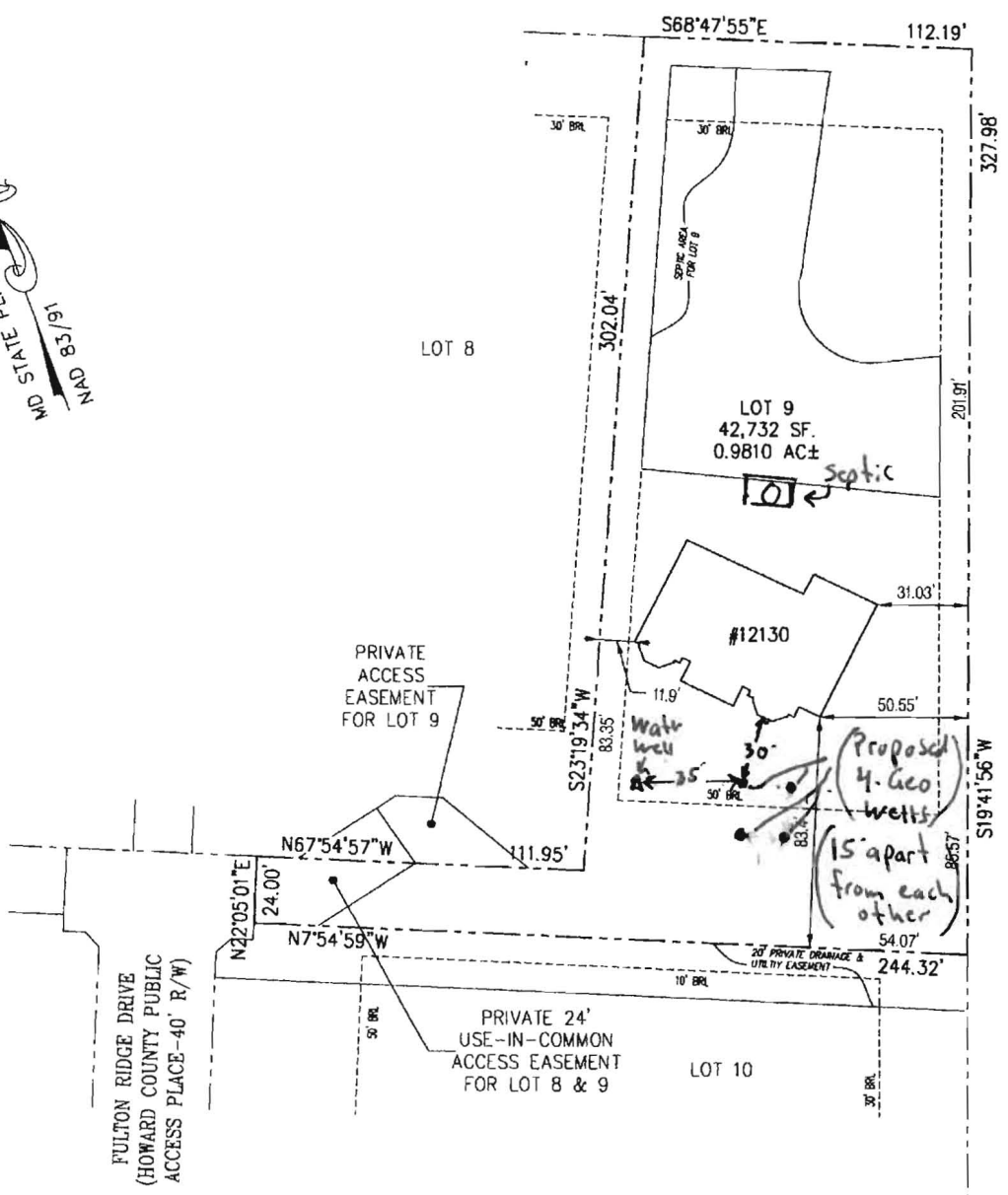
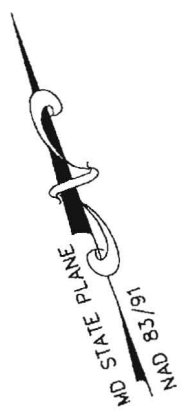
*darenharbaugh@comcast.net*  
 Email Address

Make check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

Validation

Check Number: 17311  
 Cash:  
 Receipt Number: 214607

M/0000772



HOUSE LOCATION SURVEY  
 ON  
 LOT 9, FULTON RIDGE  
 LIBER 11946, FOLIO 435  
 PLAT No. 18906  
 FULTON  
 HOWARD COUNTY, MARYLAND  
 MAY 2010 SCALE: 1" = 50'

**SURVEYOR'S CERTIFICATE:**

I HEREBY STATE THAT THE EXISTING VISIBLE IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY ACCEPTED METHODS AND THAT THE IMPROVEMENTS APPEAR TO LIE WITHIN FLOOD ZONE C. A FLOOD CERTIFICATION IS RECOMMENDED TO DETERMINE THE EXACT FLOOD ELEVATION AND FLOOD ZONE THIS SURVEY IS NOT TO BE USED OR RELIED UPON FOR THE ESTABLISHMENT OF ANY FENCE, BUILDING, OR OTHER IMPROVEMENTS. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH THE COMPLETED TRANSFER, FINANCING OR REFINANCING. THE LEVEL OF ACCURACY OF THIS DRAWING IS 2± FEET. NO TITLE REPORT WAS FURNISHED TO NOR DONE BY THIS COMPANY. SAID PROPERTY IS SUBJECT TO ALL NOTES, RESTRICTIONS AND EASEMENTS OF RECORD. BUILDING RESTRICTION LINES AND EASEMENTS NOT SHOWN ON THE RECORD PLAT MAY NOT BE SHOWN HEREON. IMPROVEMENTS WHICH IN THE SURVEYOR'S OPINION APPEAR TO BE IN A STATE OF DISREPAIR OR MAY BE CONSIDERED TEMPORARY MAY NOT BE SHOWN.



**AB CONSULTANTS, INC.**  
 9450 ANNAPOLIS ROAD  
 LANHAM, MARYLAND 20706  
 PHONE: (301) 306-3091  
 FAX: (301) 306-3082

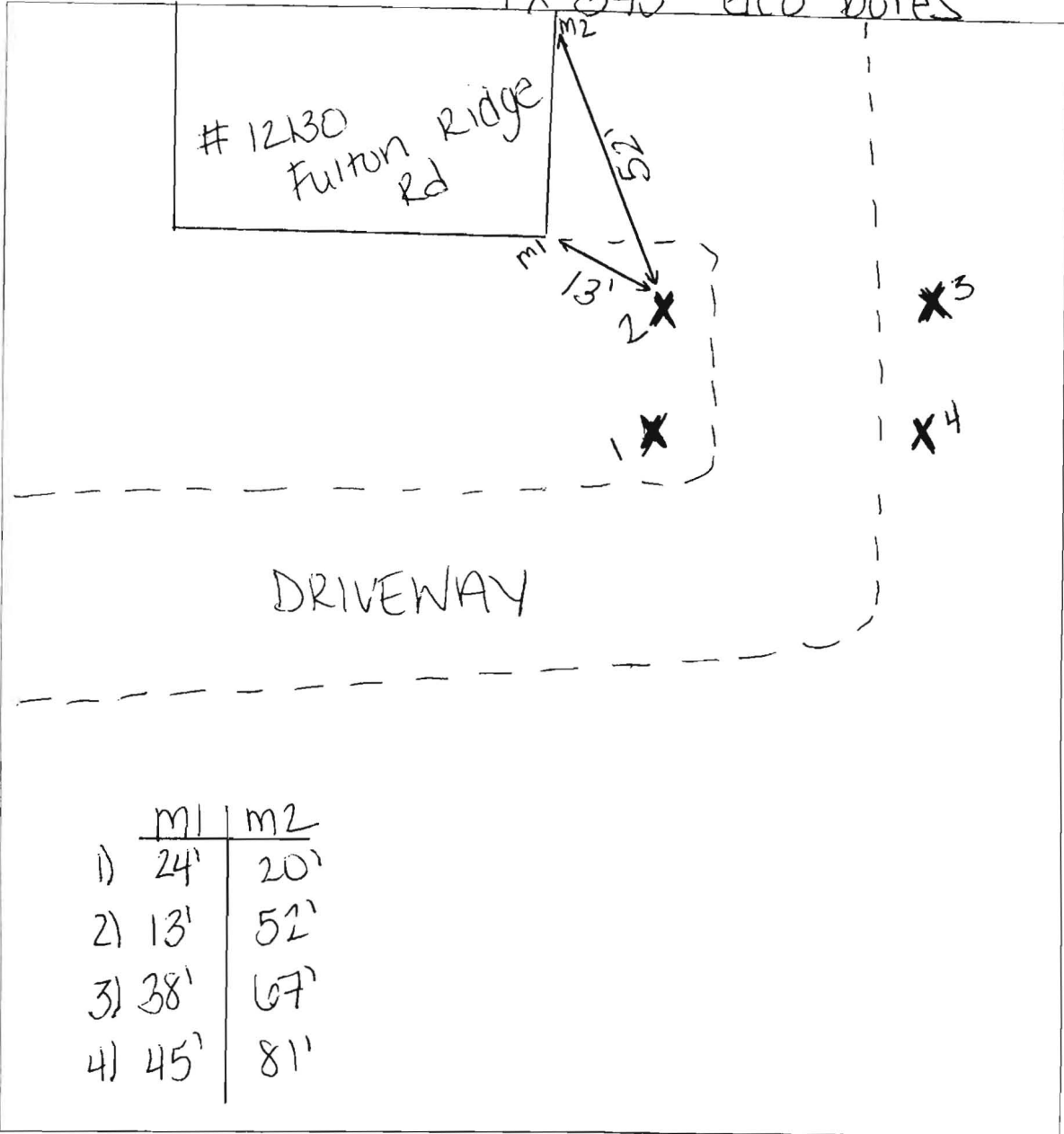
DRAWN BY: AKR  
 CHECKED BY: CVK  
 FILE: FULTON RIDGE L. 9

# SITE LOCATION MAP

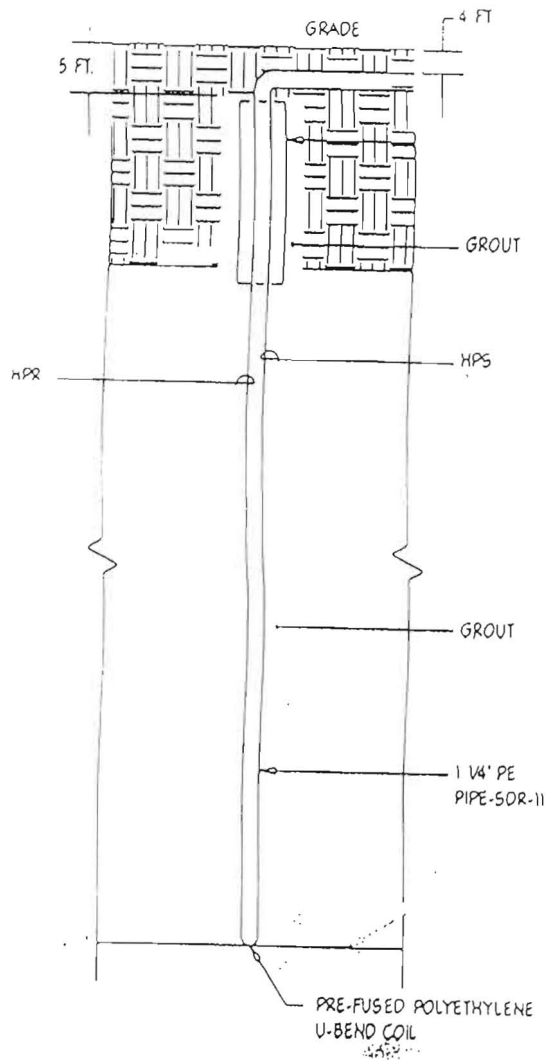
Customer: Jatinder Singh

Address: 12130 Fulton Ridge Ct, Fulton, Md

4 x 345' Geo bores



Please provide 2 measurements from each bore hole to a permanent structure such as corner of the house, property lines, buildings, or septic system.



4 TYPICAL BORE HOLE DETAIL  
 H1.00 NOT TO SCALE