



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 3/30/2004 TEST TIME 9AM A# 520103

AGENCY REVIEW: House replacement on ex. 1A lot DATE 3/17/2004

pre-1972 MR

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Scott Schum

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 7001 Gardner La Highland Md 20777
STREET CITY/TOWN STATE ZIP

APPLICANT Chris Whitehead

DAYTIME PHONE 301-325-6400 CELL 301-325-6400 FAX 410-792-0800

MAILING ADDRESS 8450 Savage Guilford Rd Savage Md 20763
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER **BUILDER** BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 7001 Gardner La - Swann Hill LOT NO. 9

PROPERTY ADDRESS 7001 Gardner La Highland Md. 20777
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 2 PARCEL(S) 102 PROPOSED LOT SIZE 1 Acre

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Chris Whitehead
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

Brown/tan heavy loam 3 1/2'

Red/orange loam 5 1/2'

Red/orange tan/Brown micaceous silt loam 11 1/2'

10% Rock

2

Brown loam 1'

tan/Brown clay loam 3'

Red/orange silt 5 1/2'

Red/orange Yellow/tan micaceous silt loam 3'

15% Rock

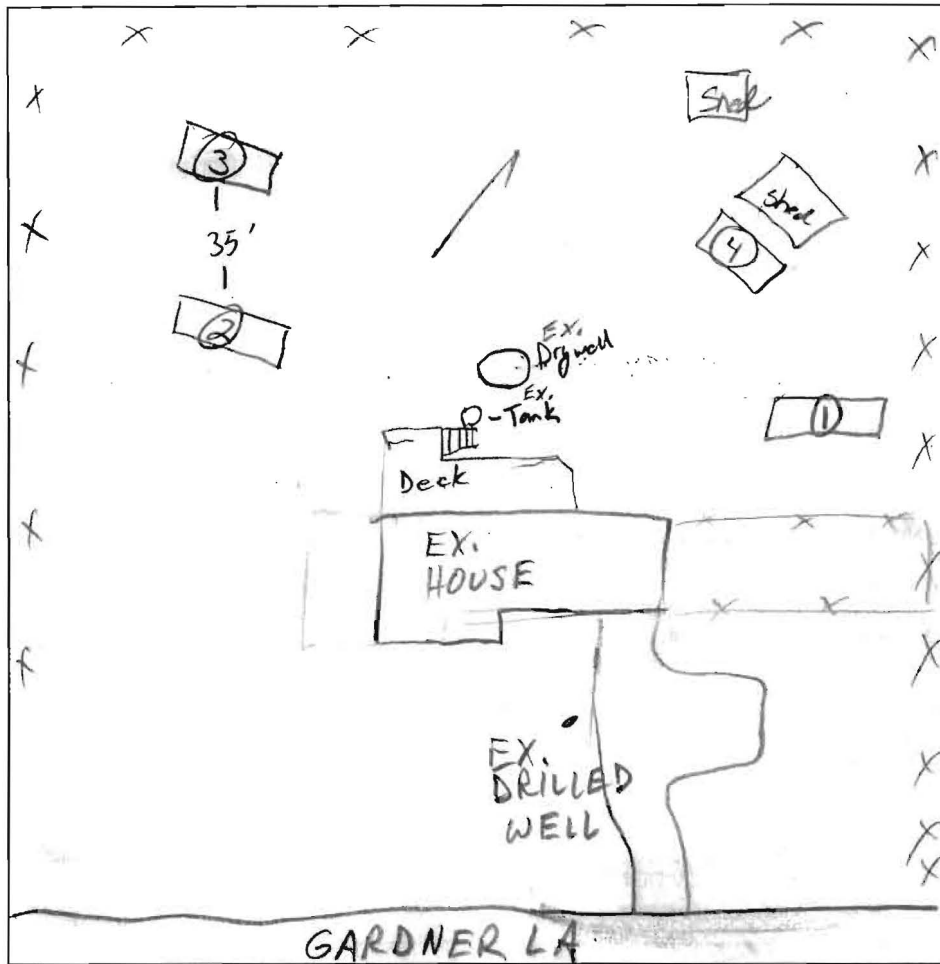
3

Brown loam 1'

tan/Brown clay loam 3'

Red/orange silt 4'

Red/orange Yellow/tan micaceous silt loam 10% Rock



(2)

Brown/tan clay loam 3'

Red/orange silt 5'

Pink/Brown Red/orange micaceous silt loam 15-20% Rock 12 9"

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/30/04	1	6' / 11 1/2'	9:53	9:57	10:06	10min	P
	2	6' / 13'	10:03	10:09	10:26	17min	P
	3	Visual / 12 1/2'	- Visual -	OK			P
	4	6' / 12 9"	10:16	10:19	10:24	5min	P

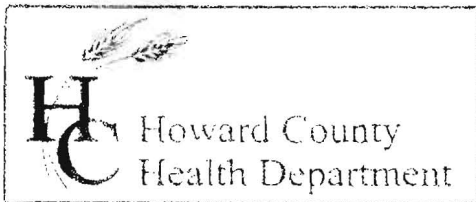
REMARKS HOLES DUG APPROX. PER PLAN

SANITARIAN K. Bell, M. Riffkin BACKHOE Fogle's OTHERS owner, C. Whitehead

TEST HOLES USED IN SDA All AVG. PERC TIME 11 SQ. FT/BR 210

12 1/2' TRENCH WIDTH 2 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW 2 1/2'

210' TR.



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

April 26, 2004

Chris Whitehead
8450 Savage-Guilford Road
Savage, MD 20763

RE: Percolation Test Results – A 520103
Swann Hill, Lot 9, 7001 Gardner Lane
Establish Sewage Reserve Area for House
Replacement on existing subdivision lot

Dear Mr. Whitehead:

Percolation testing conducted March 30, 2004 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with accurate topography
- 2) the existing house, well and septic system, with intent and schedule of abandonment declared for each
- 3) proposed sewage reserve area
- 4) proposed house and well site
- 5) certification that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) a note indicating that depicted topography reflects field-verified information
- 7) the plan identification number (PC 520103) in the title block

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.
Water and Sewerage Program

MR

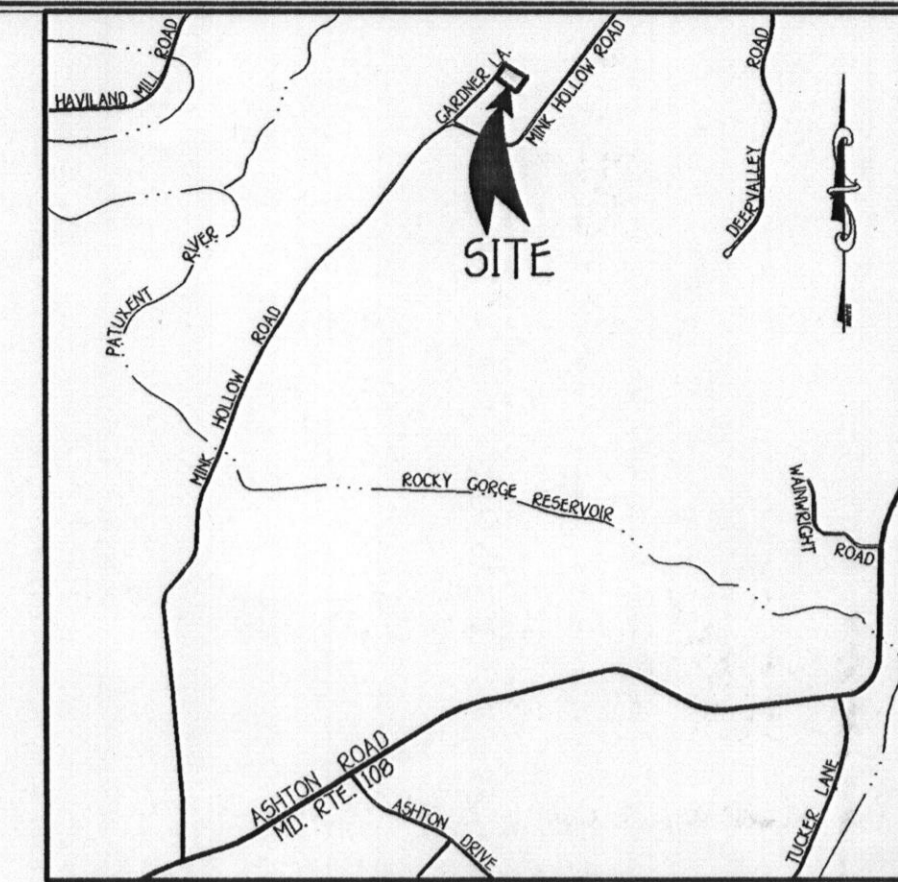
Enclosures

cc: Scott Schum
Fisher Collins and Carter
File

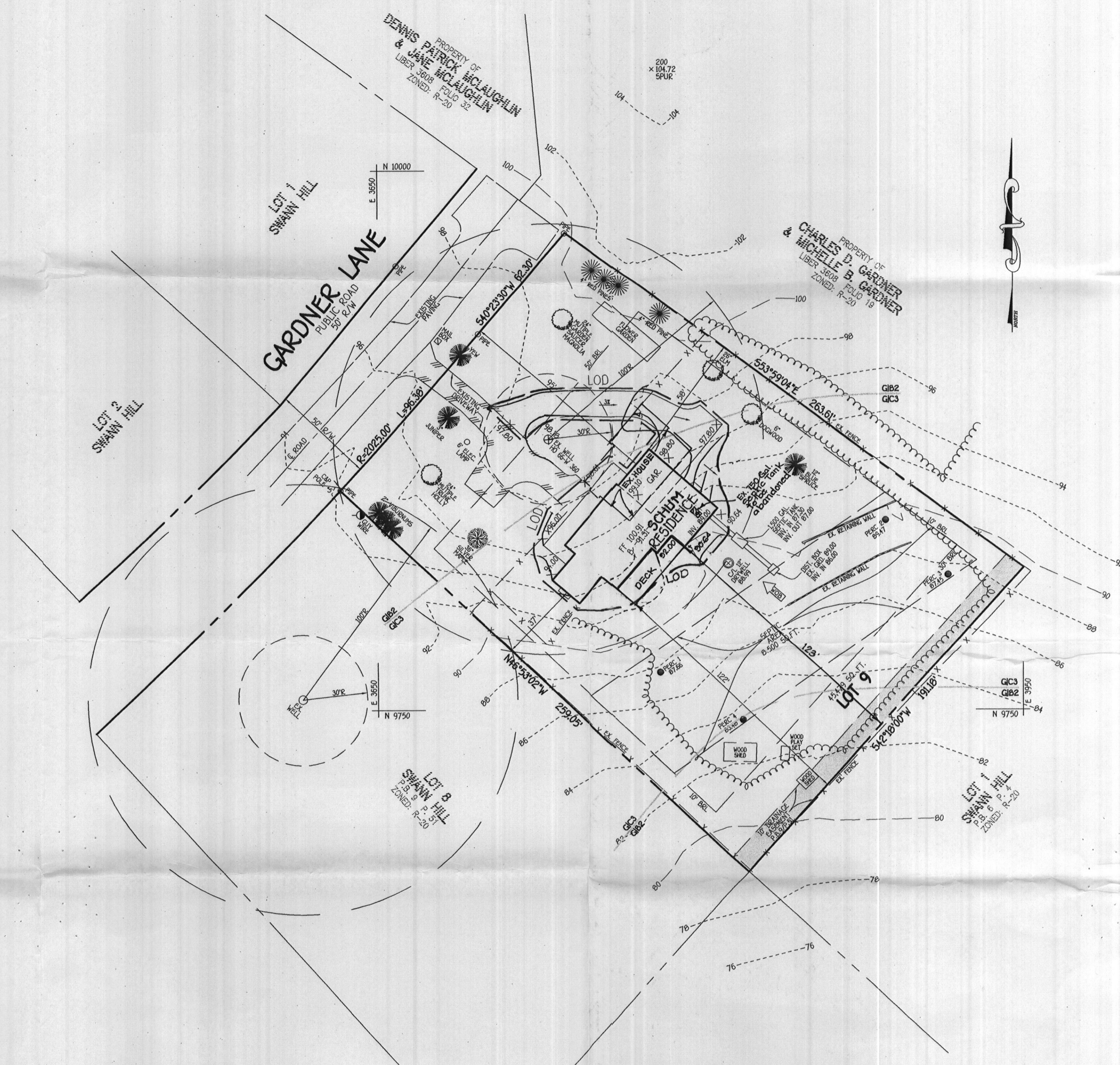
SOILS LEGEND

SOIL	DESCRIPTION	CLASS
GIB2	GLENELG LOAM, 3 TO 6 PERCENT SLOPES, MODERATELY ERODED	B
GIC3	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B

NOTES:
 * HYDRIC SOILS AND/OR CONTAINS HYDRIC INCLUSIONS
 ** MAY CONTAIN HYDRIC INCLUSIONS
 † GENERALLY ONLY WITHIN 100-YEAR FLOODPLAIN AREAS

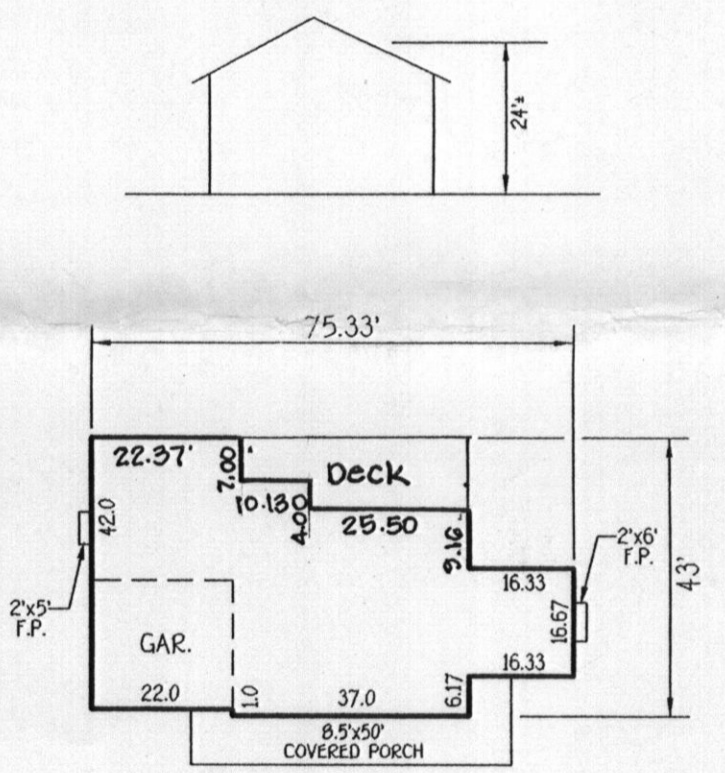


VICINITY MAP
SCALE: 1" = 2000'

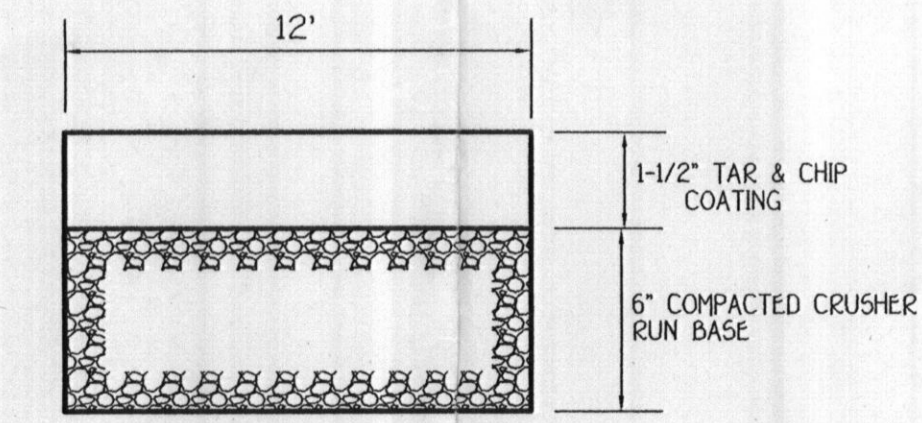


- GENERAL NOTES:**
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE RESERVE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE RESERVE AREA RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE LOT SHOWN HEREON COMPLIED WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 - ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 - PURPOSE:** TO ESTABLISH SEWER RESERVE TO SUPPORT REPLACEMENT OF EXISTING SINGLE FAMILY DETACHED W/A 4 BEDROOM HOUSE.
 - EXISTING SEPTIC SYSTEM ABANDONMENT SCHEDULE UPON EX-A VARIATION OF THE NEW FOUNDATION. THE EXIST. SEPTIC SYSTEM WILL BE ABANDONED.
 - TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS & CARTER, INC., APRIL, 2004.
 - BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORDS AND RECORDED RECORDED PLAT AND FIELD SURVEY BY FISHER, COLLINS & CARTER, INC.
 - SUBJECT PROPERTY ZONED R-20.
 - TOTAL AREA OF SITE 45479 SQUARE FEET.
 - TOTAL AREA OF DISTURBANCE 4070 SQUARE FEET.
 - STORMWATER MANAGEMENT NOT REQUIRED AS THE AREA OF DISTURBANCE IS UNDER 5000 SQUARE FEET.
 - PLAT REFERENCE, PLAT BOOK 9, PAGE 51, RECORDED NOVEMBER 7, 1963.

NOTE
 THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 66-W 360 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



SCHUM RESIDENCE
SCALE: 1" = 30'



COMMON DRIVEWAY DETAIL
NOT TO SCALE

PERC CERTIFICATION
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
 SIGNATURE OF PROFESSIONAL LAND SURVEYOR: TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR NO. 10692
 DATE: _____

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 Signature: _____
 COUNTY HEALTH OFFICER
 DATE: 5-14-04

LEGEND

SYMBOL	DESCRIPTION
---	EXISTING 2' CONTOURS
---	EXISTING 10' CONTOURS
+362.2	SPOT ELEVATION
---	EXISTING TREE LINE
LOD	LIMIT OF DISTURBANCE
GIB2	SOIL LINES AND TYPES
---	PROPOSED WALKOUT
⊙	DENOTES FAILED PERC
⊙	DENOTES PASSED PERC
⊙	DENOTES PROPOSED WELL
⊗	DENOTES PROPOSED HOUSE
⊙	DENOTES 1500 SQ.FT. ALTERNATE WELL SITE

BUILDER/DEVELOPER
 BENCHMARK HOMES, INC.
 8450 SAVAGE GUILFORD ROAD
 SAVAGE, MARYLAND 20763
 301-325-6400

OWNER
 SCOTT & CONSTANCE SCHUM
 7001 GARDNER LANE
 HIGHLAND, MARYLAND 20777

INDEX CHART

SHEET	DESCRIPTION
SHEET 1	SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL PLAN & PERC APPLICATION PLAN

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
9	7001 GARDNER LANE

PC 520103
SITE DEVELOPMENT PLAN & PERC APPLICATION PLAT
SWANN HILL
 LOT 9
 PLAT NO.: 2 P.B. 9/P.51
 ZONED: R-20
 TAX MAP NO.: 40 PARCEL NO.: 236
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: APRIL, 2004