

APPLICATION

PERCOLATION TESTING

A 516084

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Security Development

ADDRESS P.O. Box 417, Ellicott City, MD PHONE (410) 465-4244
21041

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Homewood LOT NO. _____

ROAD AND DESCRIPTION Homewood Road

TAX MAP 23+29 PARCEL # 20+86

SIZE OF LOT 1 Acre ± TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' **801**
 Heavy Br Loam 2'-3'
 Red Br Gravelly Cl Loam 5'-6'
 15-20% Rock
 Br Gravelly + Sandy Loams 14'
 15-20% Rock

800

Heavy Br Loam 3'
 Red Br Gravelly Cl Loam 4.5'-5'
 20% Rock
 Red Br Gravelly Loam 14'
 ~30% Rock

802

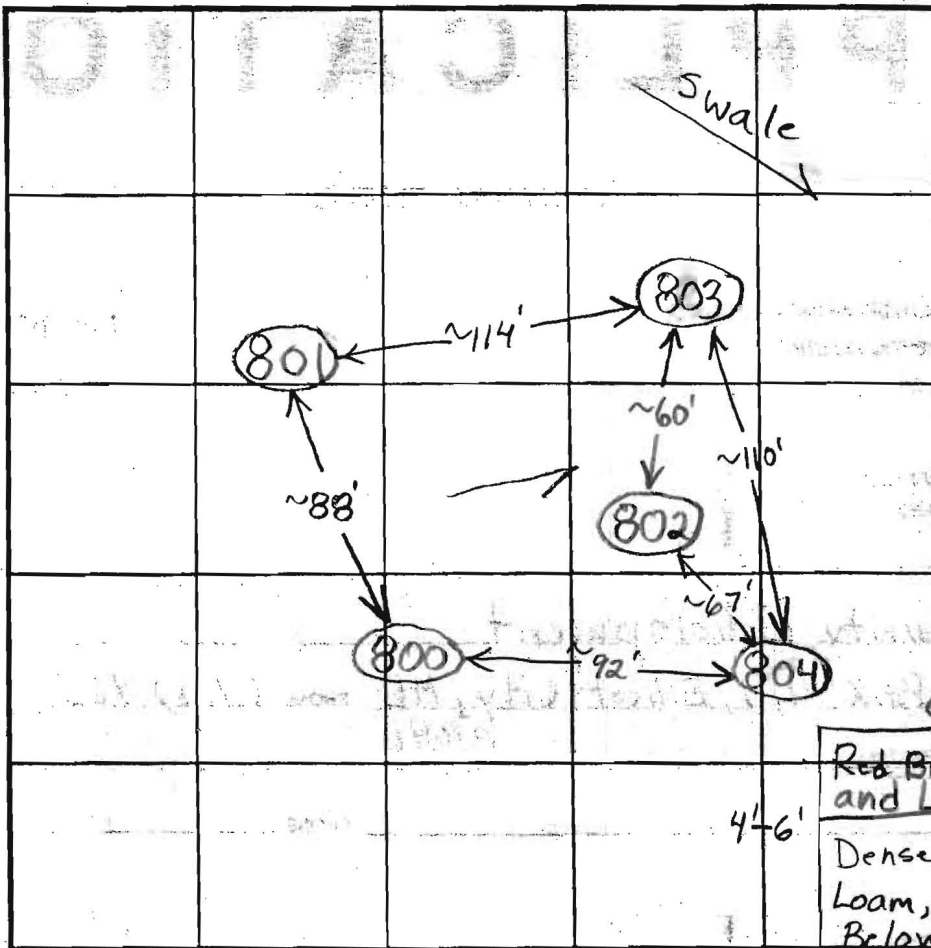
Red Br Heavy Loam Gray Mottling in Places 4'
 Red Br Loam Very Little Rock
 Red Br Si Loam Turning to a Sa Loam Very Little Rock 14'

SOIL PROFILE

0' **804**
 Red Br Heavy Loam and Loam 5'
 10-15% Rock
 Red Br Sa Loam ~20% Rock 10.5'
 Pocket of 75% Rock 13.5'

803

Red Br Heavy Loam and Loam, ~10% Rock 4'-6'
 Dense Or Br Sa Loam, 25-30% Rock Below 9'
 Hard Bottom 10'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/3/03	801	5'9"/14' V	9:56	10:04:30	10:04:30	10:41	3 1/2 O.K.
		7'	9:55	9:56:30	9:56:30	9:58:30	2
	800	5'9"/14' V	10:14	10:17:30	10:17:30	10:23	5 1/2 O.K.
		6'9"	10:13:30	10:16:40	10:16:40	10:23	6 1/2
	802	5.5'/14' V	10:33	10:37:45	10:37:45	10:43:30	~6 O.K.
		7'2"	10:33	10:34:10	10:34:10	10:35:45	1 1/2
	804	5.5'/13.5' V	10:51:45	10:55:45	10:55:45	11:03:15	7 1/2 O.K.
		7'	10:54:45	10:58:30	10:58:30	11:03:30	5
	803	5.5'/10' V	11:18:30	No Movement in 10 Minutes			Slow (F)
		6.5'	11:19:30	~1/4" in 10 minutes			Slow

REMARKS

TYPE OF SOIL

TESTED BY B. Baker

ALSO PRESENT

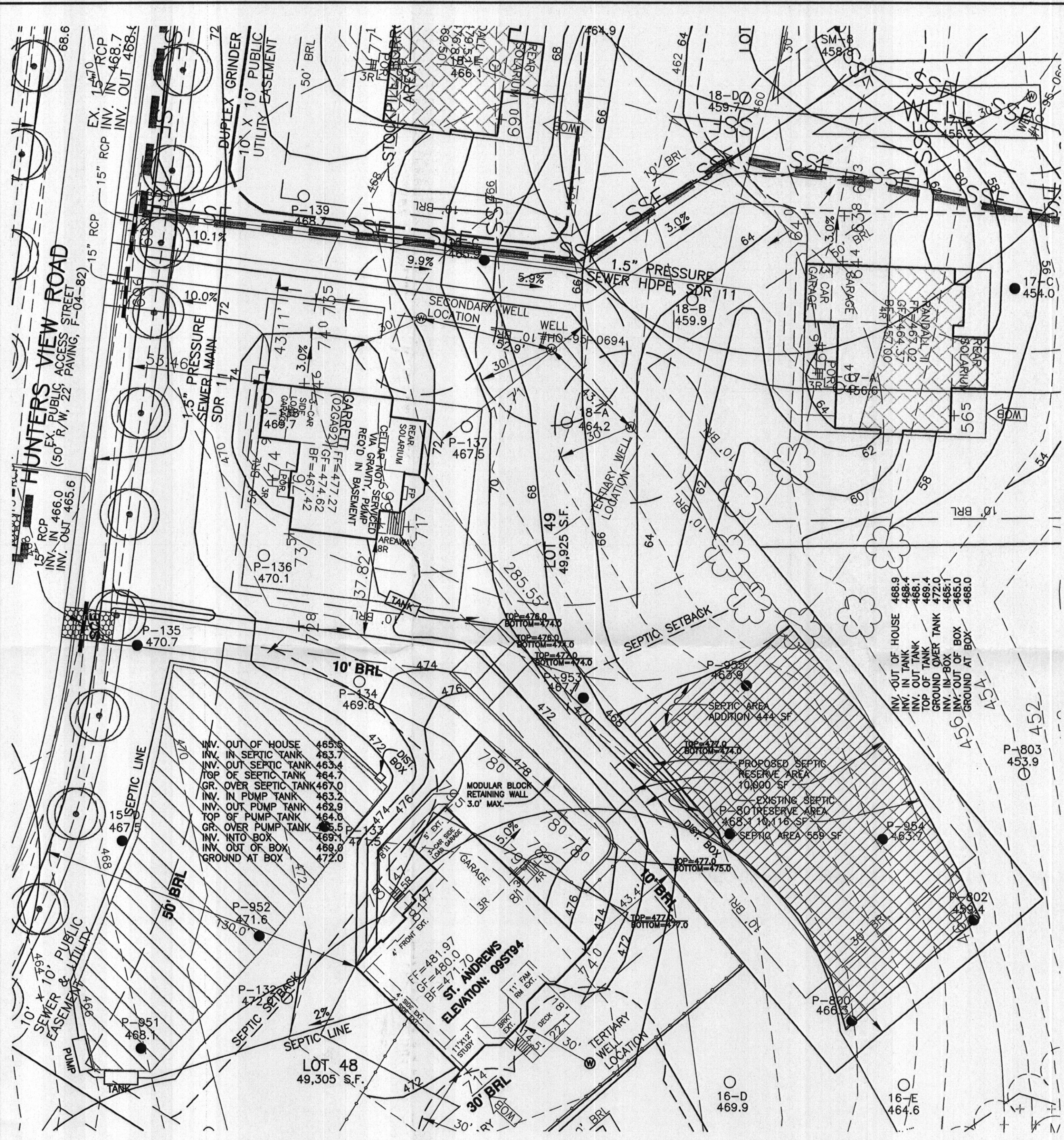
TRENCH DESIGN DATA. AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

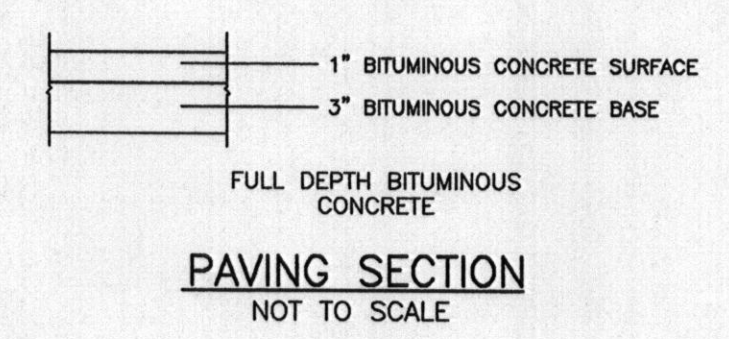
SO FT/BEDROOM



- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PLAT No. 19722. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
 2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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 EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
 3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-05-31 AND MODIFIED FOR THIS SPECIFIC HOUSE.
 4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND HAS BEEN FIELD VERIFIED BY J.A. RICE, INC., ON OR ABOUT SEPTEMBER 2002.
 5. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
 6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
 7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
 9. SEPTIC TANK FOR THIS LOT TO BE 2,000 GALLONS.
 10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-95-0694, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
 11. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
 12. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 13. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED IN POND #4 OF F-04-082, A WET ED POND.
 14. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEPTIC AREA FOR GRADING ASSOCIATED WITH THE HOUSE BEING CONSTRUCTED ON LOT 48.

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-082
- FIELD SURVEYED WELL LOCATION
- PASSED PERCOLATION TEST PER TEST NOTES
- FAILED PERCOLATION TEST PER TEST NOTES
- EXISTING APPROVED SEPTIC RESERVE AREA
- PROPOSED REVISED SEPTIC RESERVE AREA



I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

John M. Carney 2/10/11
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

Brian for Peter Bilsenon 2/18/2011
 COUNTY HEALTH OFFICER *2/18/2011* DATE

BENCHMARK ENGINEERING, INC.
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

6480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 ▲ FAX: 410-465-6644
 EMAIL: benchmrk@ccais.com

OWNER/BUILDER:
 WINCHESTER HOMES, INC.
 6905 ROCKLEDGE DRIVE
 SUITE 800
 BETHESDA, MD 20817
 PHONE: 301-803-4800
 FAX: 301-803-4929

PROJECT:
RIVERWOOD LOT 49

LOCATION:
 11039 HUNTERS VIEW ROAD
 ELLICOTT CITY, MD 21042
 TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20
 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE:
REVISED PERCOLATION CERTIFICATION PLAN

HOUSE TYPE:
GARRETT

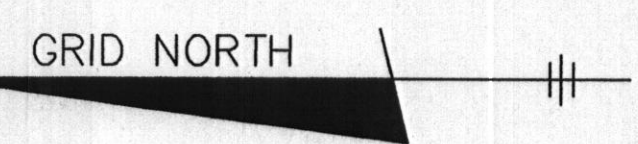
DATE: JANUARY 14, 2011
 FEBRUARY 9, 2011

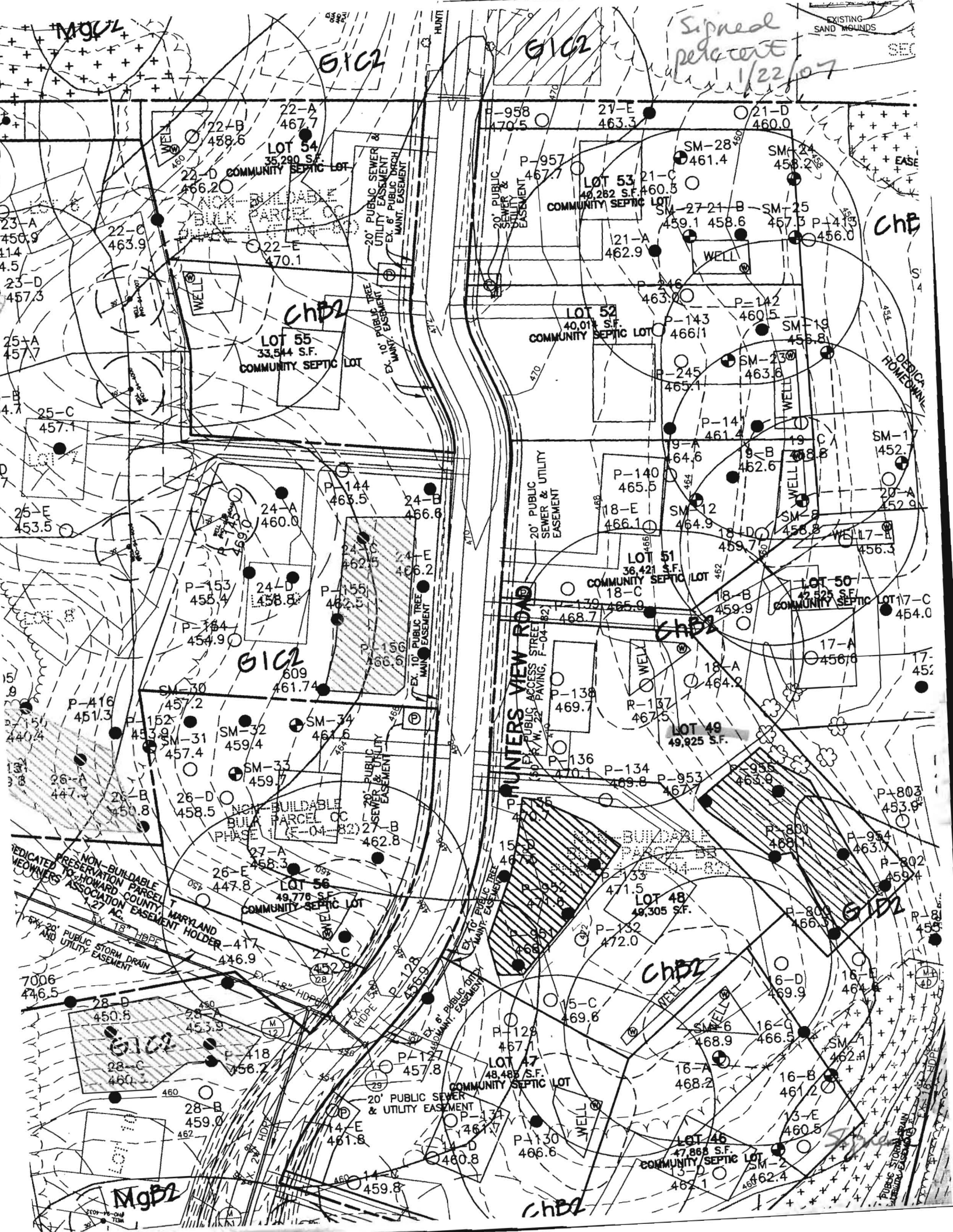
PROJECT NO. 1950

SCALE: 1" = 30'

DRAWING 1 OF 1

DESIGN: JMC DRAFT: JMC





Signed permit 1/22/07

EXISTING SAND MOUNDS

ChB2

ChB

G1C2

ChB2

ChB2

G1C2

MgB2

ChB2

NON-BUILDABLE PRESERVATION PARCEL TO HOWARD COUNTY ASSOCIATION EASEMENT HOLDER 1.27 AC. BY 18' HOPE

20' PUBLIC STORM DRAIN AND UTILITY EASEMENT

20' PUBLIC SEWER & UTILITY EASEMENT

20' PUBLIC STORM DRAIN AND UTILITY EASEMENT

HUNTERS VIEW ROAD
STREET ACCESS
PUBLIC PAVING, P-04-82
R/W, 22'

NON-BUILDABLE BUILD PARCEL OC PHASE 1 (E-04-82) 2.7 AC.

NON-BUILDABLE BUILD PARCEL OC PHASE 2 (E-04-82) 2.7 AC.

LOT 54
35,290 S.F.
COMMUNITY SEPTIC LOT

LOT 55
33,544 S.F.
COMMUNITY SEPTIC LOT

LOT 56
49,778 S.F.
COMMUNITY SEPTIC LOT

LOT 53
49,282 S.F.
COMMUNITY SEPTIC LOT

LOT 52
40,011 S.F.
COMMUNITY SEPTIC LOT

LOT 51
36,421 S.F.
COMMUNITY SEPTIC LOT

LOT 50
42,525 S.F.
COMMUNITY SEPTIC LOT

LOT 49
49,925 S.F.

LOT 48
49,305 S.F.

LOT 47
48,488 S.F.
COMMUNITY SEPTIC LOT

LOT 46
47,868 S.F.
COMMUNITY SEPTIC LOT

22-A
467.7

22-B
458.6

22-D
466.2

22-C
463.9

22-E
470.1

22-A
457.7

22-C
457.1

22-E
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24-A
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24-B
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24-D
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24-E
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24-A
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24-E
458.5

24-A
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24-B
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24-C
446.9

24-D
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24-A
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