

APPLICATION

PERCOLATION TESTING

A 514944

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 410-313-2640

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 Clifford and Betty Harrison

ADDRESS 3155 Route 32, West Friendship, MD 21794 PHONE 410-442-2196

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:


SUBDIVISION Harrison Property LOT NO. X

ROAD AND DESCRIPTION Off of Route 32, South of Rosemary Lane 3/4 of a mile

TAX MAP NO. 22 PARCEL # 17

SIZE OF LOT 3 Acres TYPE OF 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' 106
 1' topsoil
 2' red org
 3' brn
 4' cl lm
 5' 1t org
 6' brn
 7' si lm
 8' 15% sh
 9' Water
 10' 1109

2 1/2

13

8

1

10'

12'

8

1

4'

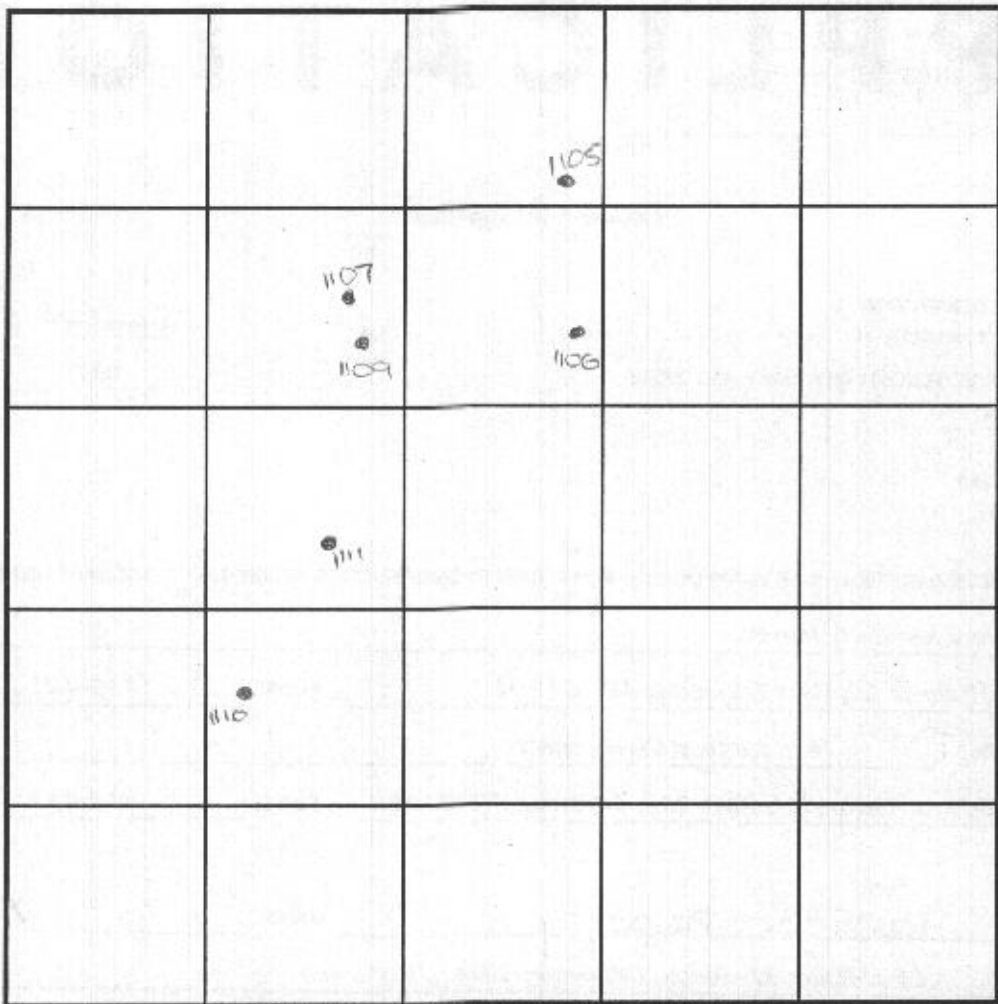
10'

12'

1' topsoil
 2' red org
 3' brn
 4' cl lm
 5' 1t brn
 6' si lm
 7' 15% sh
 8' Water
 9' 1111
 10' cave-in
 11' Water
 12' 1111

1' topsoil
 2' red org
 3' brn
 4' cl lm
 5' 1t brn
 6' si lm

10' cave in
 12' Water



SOIL PROFILE

0' 1110
 1' topsoil
 2' drl ag
 3' brn cl
 4' lm
 5' med brn
 6' si lm
 7' Water

1' 1110
 2' topsoil
 3' drl ag
 4' brn cl
 5' lm
 6' med brn
 7' si lm
 8' Water

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
4-24-01	1105	5'4" D	Water				FAIL
	1106	13.0'D	Water	-see profile			HOW FAR PER TEST
	1107	6.5'D	Water				FAIL
	1109	10.0'D	Cave in	12.0'D	Water	see profile	FAIL
	1111	10.5'D	Cave in	12.0'D	Water	see profile	FAIL
	1110	9.0'D	Water -	see profile			FAIL

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY DKC
 TRENCH DESIGN DATA: AVG. PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

ALSO PRESENT T. Feagy, C. Zepp

SEPTIC SPECIFICATIONS WORKSHEET

SUBDIVISION: Twins Pines

STREET NAME: _____

LOT NUMBER: PP 'A'

AVERAGE PERCOLATION RATE: _____

SQUARE FEET PER BEDROOM: _____

NUMBER OF BEDROOMS: _____

LINEAR FEET OF TRENCH PER BEDROOM: _____

TOTAL LINEAR FEET OF TRENCH: _____

SEPTIC TANK CAPACITY: _____

TOP SEAMED TANK REQUIRED? YES OR NO

COMPARTMENTED TANK REQUIRED? YES OR NO

TRENCH DIMENSIONS: Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES OR NO

Pumped Septic System Detail: _____ gallon(s) pump chamber.

Top Seamed Pump Chamber Required? YES OR NO

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pump septic system.

LOCATION: _____

ADDITIONAL NOTES: _____

Reviewer: _____

Date: _____

TEST DATA

NAME Harrison Property FILE NO A 514944
 LOCATION Route 32 COUNTY Howard
 DATE 8-9-01
 GRID _____ E
 RECORDED BY DKC _____ N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
A		12"	10:30		8"	
			11:05		11"	Repair
			11:25		6 ²⁰ / ₃₂	
			11:45		Empty	
						OK
B		14"	10:33		8"	
			11:07		5 ⁹ / ₃₂	Repair
			11:08		- 10"	
			11:28		8 ²⁴ / ₃₂	18/32
			11:48		7 ²⁹ / ₃₂	14/32
			12:08		10 ²¹ / ₃₂	17/32
			12:28		5 ³⁰ / ₃₂	1
						OK

TEST DATA

NAME Harrison Property FILE NO A514944
 LOCATION Route 32 COUNTY Howard
 DATE 8-9-01
 GRID _____
 RECORDED BY DLL

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
C		12"	10:35		9"	
			11:09		8 ²⁰ / ₃₂	
			11:29		8 ¹⁰ / ₃₂	10/32
			11:49		8 ⁰ / ₃₂	10/32
			12:09		7 ²⁰ / ₃₂	10/32
			12:29		7 ¹⁴ / ₃₂	8/32
						$\bar{x} = 67 \text{ mpi}$
						OK
D		16"	10:37		8"	Leakage - Reset
			11:21		8"	
			11:51		7 ¹⁴ / ₃₂	10/32
			12:11		7 ⁸ / ₃₂	9/32
			12:31		7	8/32
						OK

TEST DATA

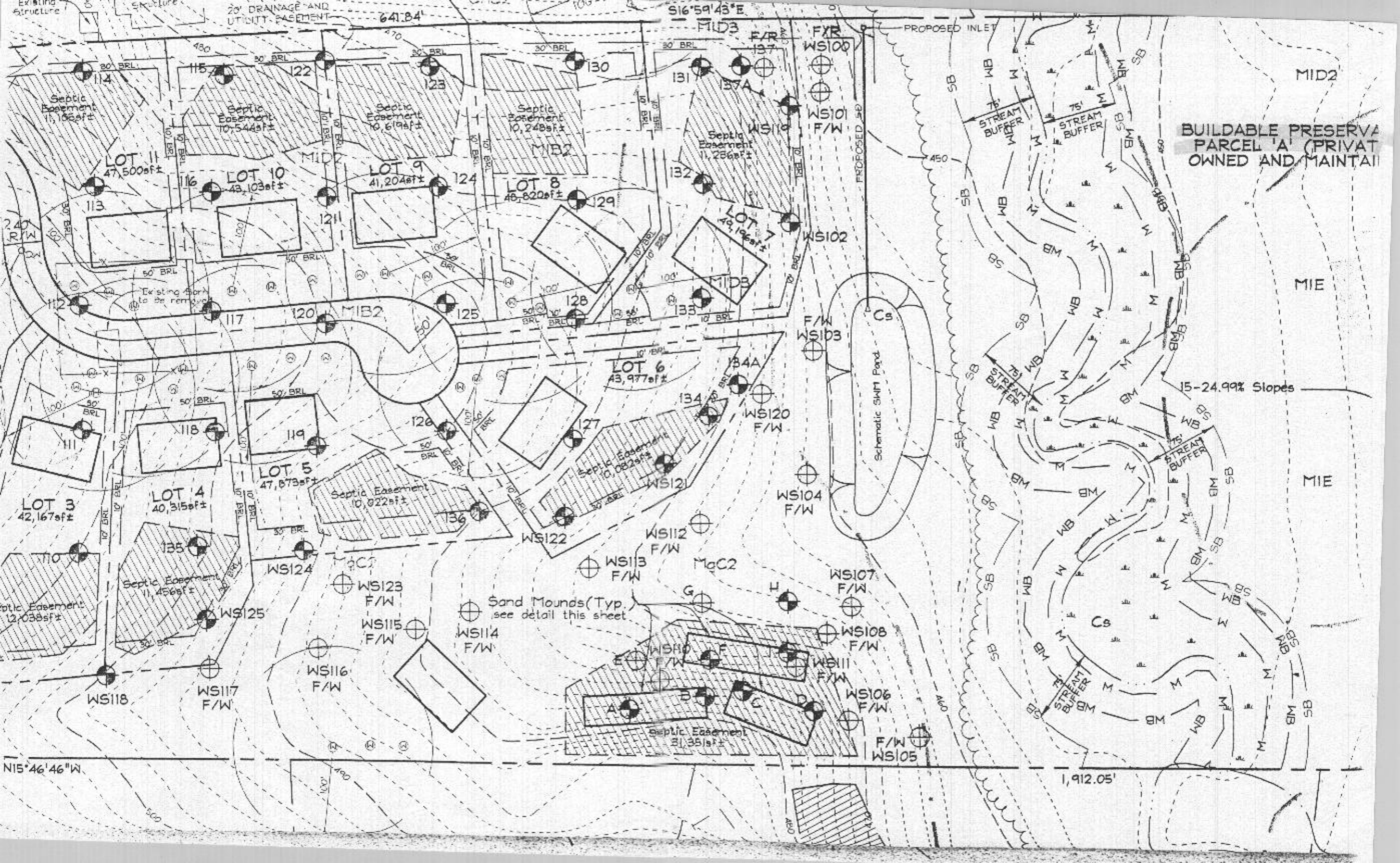
NAME <u>Harrison Property</u>	FILE NO <u>A 514944</u>
LOCATION <u>Route 32</u>	COUNTY <u>Howard</u>
	DATE <u>8-9-01</u>
	GRID _____ E
RECORDED BY <u>DC</u>	N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
F		14"	10:40		9"	
			11:12		6"	
			11:32		4 ³⁰ /32	12/32
			11:52		3 ²⁴ /32	14/32
			12:12		2 ³⁰ /32	20/32
			12:32		empty	20mp
E		14"	10:47		11"	
			11:13		9 ³⁰ /32	
			11:33		9 ²⁴ /32	6/32
			11:53		9 ²⁰ /32	7/32
			12:13		9 ¹⁸ /32	4/32
			12:32		stopped	FAIL

TEST DATA

NAME <u>Harrison Property</u>	FILE NO <u>AS14944</u>
LOCATION <u>Route 32</u>	COUNTY <u>Howard</u>
	DATE <u>8-9-01</u>
	GRID _____
RECORDED BY <u>DKC</u>	E N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
G		17"	12:40		8"	
			1:12		7 ¹⁰ / ₃₂	
			1:27		7 ¹² / ₃₂	4 ₃₂
			1:42		7 ⁸ / ₃₂	4 ₃₂
			1:57		7 ⁸ / ₃₂	2 ₃₂
			2:12		7 ⁴ / ₃₂	2 ₃₂
			2:27		7 ² / ₃₂	2 ₃₂
H		15"	12:45		9"	
			1:13		7 ¹⁴ / ₃₂	
			1:28		7 ² / ₃₂	12 ₃₂
			1:43		6 ¹⁸ / ₃₂	16 ₃₂
			1:58		6 ⁷ / ₃₂	9 ₃₂
			2:18		5 ²⁴ / ₃₂	17 ₃₂
			2:33		5 ¹¹ / ₃₂	13 ₃₂
					37 MPI	



BUILDABLE PRESERVE
PARCEL 'A' (PRIVATELY
OWNED AND MAINTAINED)

Sand Mounds (Typ.
see detail this sheet)

Schematic SWM Pond

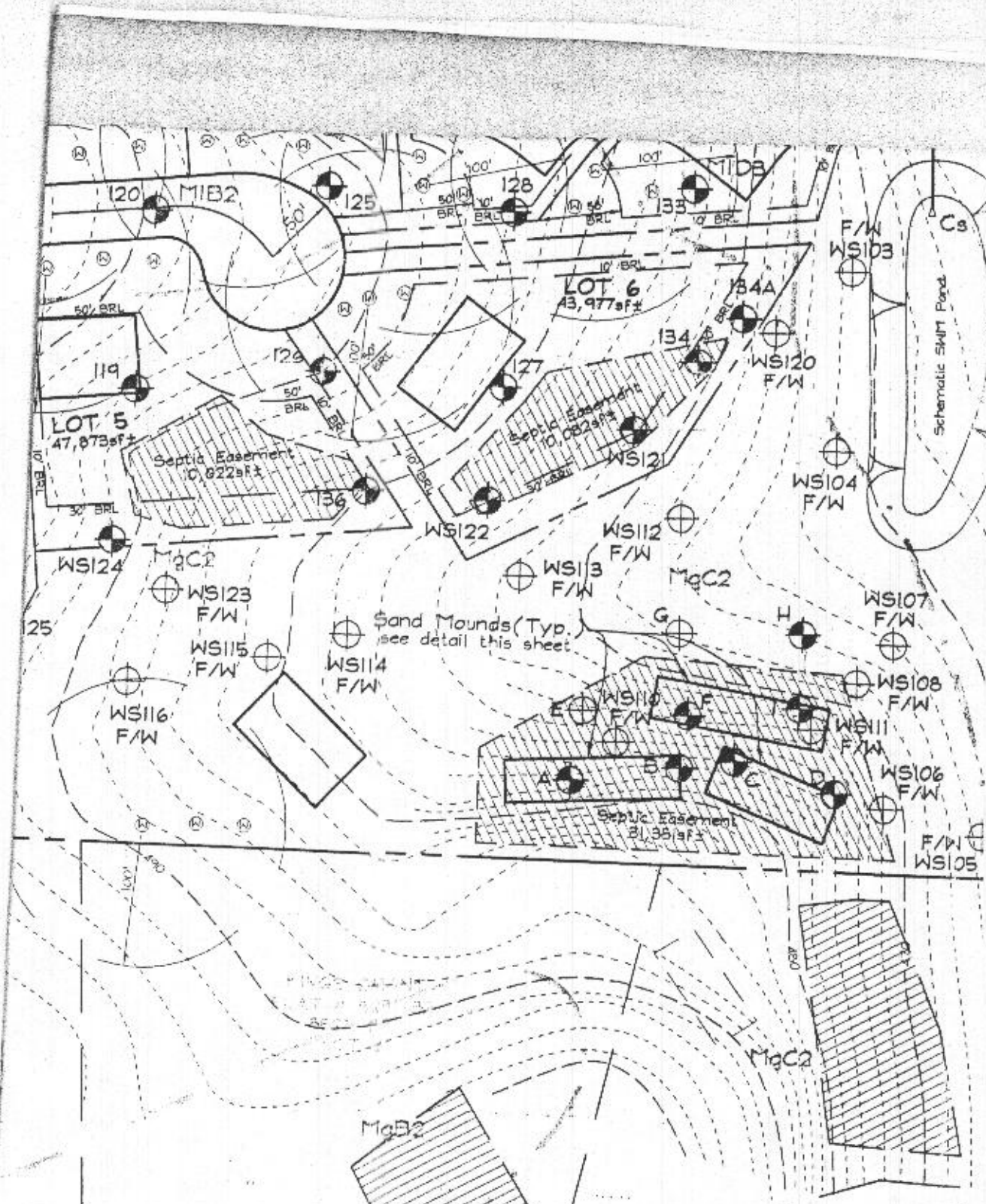
15-24.99% Slopes

N15°46'46"W

S16°59'43"E

641.84'

1,912.05'



Pres. Parcel "A"
 Sand mound sites
 signed perc. cert
 8/23/01
 (KN)