

11/27/96
12:00
WPT 12/2/96
12/4/96 11:00 a later

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57260D

A 49914J

DISTRICT 3rd

DATE 09/05/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX461993X

313-2640

DATE SYSTEM APPROVED 12/4/96

INSPECTOR ALM

03-319784
INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Sobus Farms LOT 11 ROAD 3001 Sobus Drive

PROPERTY OWNER Altieri Homes, Inc.

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 115 feet off the front lot line and 170 feet off the right lot line as seen when facing the lot from Sobus Drive. Run trenches on contour towards the left lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

APP. 7/8/96

PLANS APPROVED BY Amy McMillen/Donna K. Soe

REVISED DATE 06/11/96

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

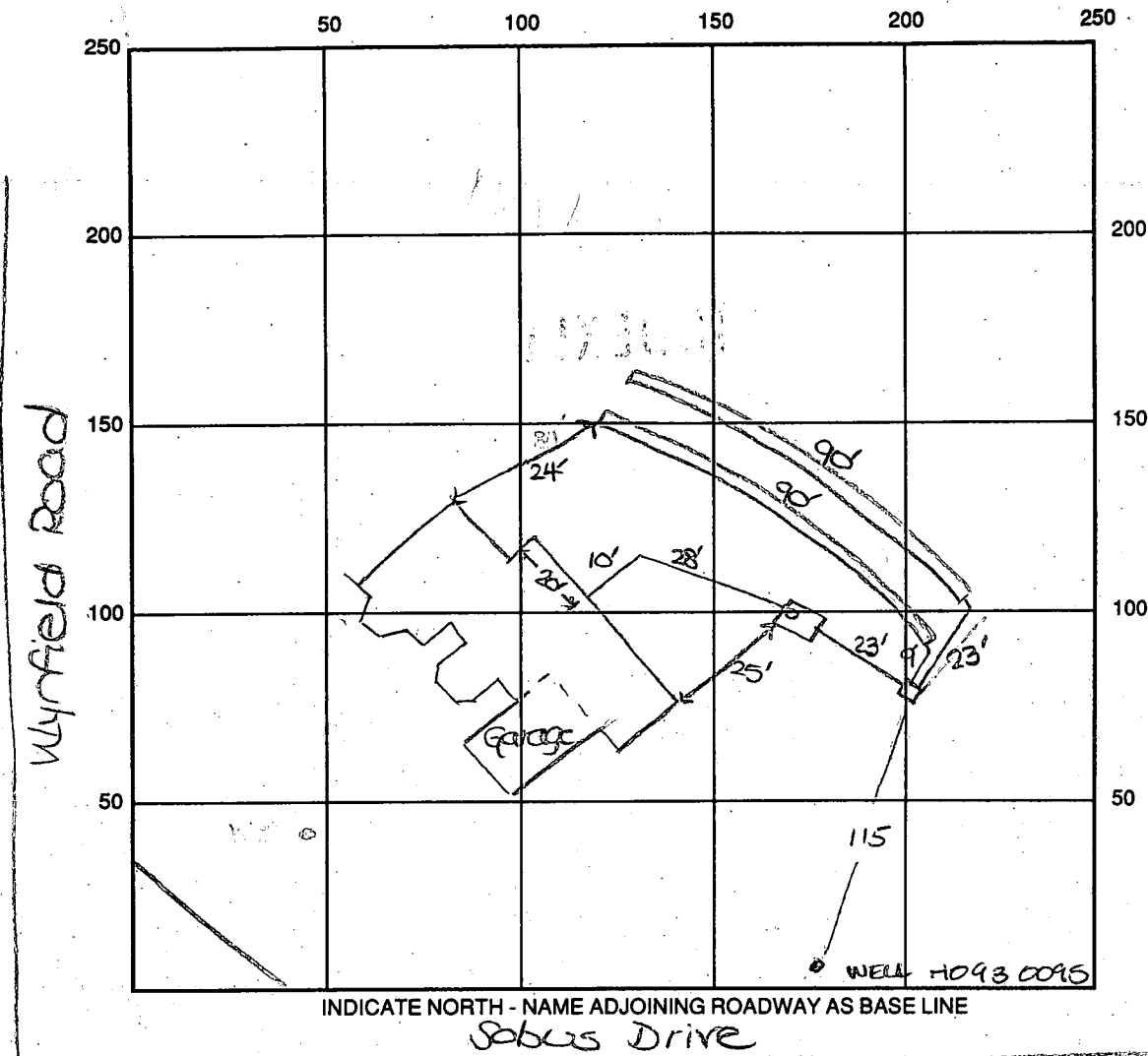
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 49914J



SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 2 x 90 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 11/27/96 OK to cover from house to d.b. and
1st trench. OK to continue. DKS 12/4/96 OK to cover all
work final AUM

12/5/96 WPI OK AUM

DATE SYSTEM APPROVED 12/4/96 INSPECTOR Amy McMullen

APPLICATION

PERCOLATION TESTING

A 49914J

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

DISTRICT 3

DATE 3/9/94

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 Altieri Homes, Inc.
Hilltop Development Corporation

ADDRESS P.O. Box 208, Clarksville Md. 21029 PHONE 410-531-5539

AGENT OR PROSPECTIVE BUYER Richard Demmitt

ADDRESS P.O. Box 208 Clarksville Md. 21029 PHONE 410-531-5539

PROPERTY LOCATION:

SUBDIVISION Sobus Farms LOT NO. 10¹¹ (ten)

ROAD AND DESCRIPTION at the end of Winfield Rd.
3001 Sobus Drive

TAX MAP 15 PARCEL # 26 & 154

SIZE OF LOT 3 acres + TYPE BLDG. S.F.D. - 4 Brms
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
6-11-96
Serial # B00100518

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.

Richard Demmitt
(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

A49914J

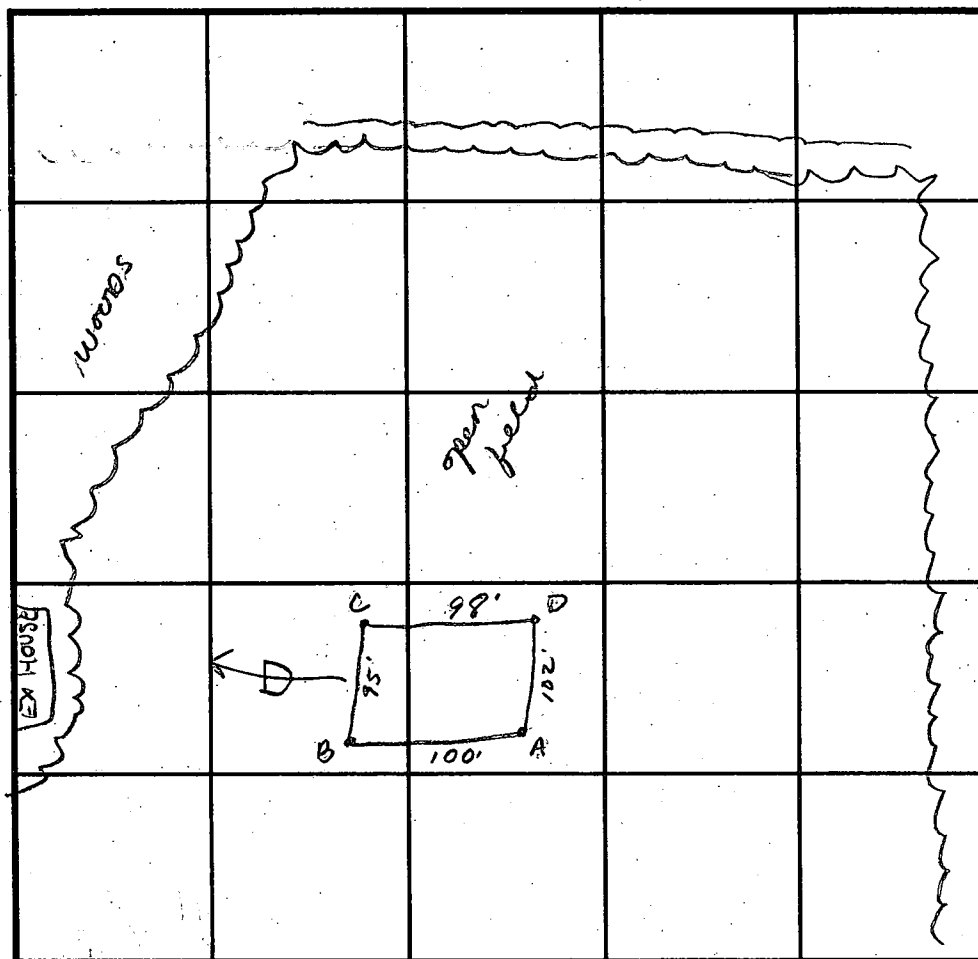
COUNTY #

SOIL PROFILE

0' **B**
red/brn
SCL
1' dk
grey
brn
10%
mica
chunks
12'

C
4' yell/
brn
CSL
11' red/brn
SL
15%
mica
chunks

D
3' red/brn
CSL
12 1/2' grey/
brn
SL
white quartz
like saprolite
pockets 6"-8"
dia
mica
chunks
<5%



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' **A**
bright
red
SCL
5' grey/
brn
SL
15%
mica
frags
12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/23/94	B	3 1/2' V12	1:00 ³⁰	1:01 ¹⁵	1:01 ¹⁵	1:01 ³⁰	30sec
		repour	1:02	1:03	1:03	1:04	1 1/2 min
	C	3' V11	1:08 ⁴⁵	1:09 ⁴⁵	1:09 ⁴⁵	1:12 ¹⁵	2 1/2 min
		6' V11	1:07 ³⁰	1:08 ¹⁵	1:08 ¹⁵	1:08 ⁴⁵	45sec
	D	3' V12 1/2	1:14 ³⁰	1:15 ¹⁵	1:15 ¹⁵	1:16 ¹⁵	1 min
	A	3 1/2' V12	1:20 ⁴⁵	1:21 ⁴⁵	1:21 ⁴⁵	1:24 ¹⁵	2 1/2 min
		6' V12	1:17 ¹⁵	1:17 ³⁰	1:17 ³⁰	1:17 ⁵⁰	20sec
			1:18 ³⁰	1:18 ³⁰	1:18 ³⁰	1:19 ¹⁰	40sec
			1:20 ⁴⁰	1:20 ⁴⁰	1:20 ⁴⁰	1:21 ⁴⁰	1 min

REMARKS

TYPE OF SOIL Chc₂ Chester Silt loamTESTED BY Amy McMillen / Mark Rifkin ALSO PRESENT R. DewittTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2'INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 180ft²

C 1 0126		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.					
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A 49914 J					
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED		Depth of Well				PERMIT NO. FROM "PERMIT TO DRILL WELL"					
		031496		480 (TO NEAREST FOOT)				H0-93-0095					
OWNER Demmitt		Richard		TOWN West Friendship				LOT 11					
STREET OR RFD Sobus Drive		SUBDIVISION Sobus Farms		SECTION									
WELL LOG Not required for driven wells		GROUTING RECORD		C 3				PUMPING TEST					
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS, AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box)		TYPE OF GROUTING MATERIAL (Circle one)				HOURS PUMPED (nearest hour)					
DESCRIPTION (Use additional sheets if needed)		CEMENT CM BENTONITE CLAY BC		NO. OF BAGS 14 NO. OF POUNDS 1316				PUMPING RATE (gal. per min.) 0.02					
FEET FROM TO		GALLONS OF WATER 84		DEPTH OF GROUT SEAL (to nearest foot)				METHOD USED TO MEASURE PUMPING RATE Bucket					
Sand 0 38		from 0 ft. to 37 ft.		(enter 0 if from surface)				WATER LEVEL (distance from land surface)					
Gray Micabrock 38 480 ✓								BEFORE PUMPING 48 ft.					
		CASING RECORD		TYPE OF PUMP USED (for test)				WHEN PUMPING 307 ft.					
		casing types insert appropriate code below		A air P piston T turbine									
		ST STEEL CO CONCRETE		C centrifugal R rotary O other (describe below)									
		PL PLASTIC OT OTHER		J jet S submersible									
		MAIN CASING TYPE		Nominal diameter top (main) casing (nearest inch)				Total depth of main casing (nearest foot)					
		S+ 60 61		6 63 64				42 66 70					
		OTHER CASING (if used)		EACH CASING				PUMP INSTALLED					
		diameter inch depth (feet) from to		DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO)				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.					
				YES NO				TYPE OF PUMP INSTALLED					
				SCREEN RECORD				PLACE (A,C,J,P,R,S,T,O) IN BOX 29					
		screen type or open hole		ST STEEL BR BRASS HO OPEN HOLE				CAPACITY: GALLONS PER MINUTE (to nearest gallon)					
		insert appropriate code below		PL PLASTIC OT OTHER				PUMP HORSE POWER					
NUMBER OF UNSUCCESSFUL WELLS: 0		C 2				PUMP COLUMN LENGTH (nearest ft.)				CASING HEIGHT (circle appropriate box and enter casing height)			
WELL HYDROFRACTURED Y N		DEPTH (nearest ft.)				LAND SURFACE (nearest foot)				LOCATION OF WELL ON LOT			
CIRCLE APPROPRIATE LETTER		H040480				+ above - below				SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)			
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED		SLOT SIZE 1 2 3				Diameter of Screen				Sobus Dr.			
E ELECTRIC LOG OBTAINED		Diameter of Screen				GRAVEL PACK							
P TEST WELL CONVERTED TO PRODUCTION WELL		Diameter of Screen				IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68							
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.		Diameter of Screen				MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)							
TYPE: MWD/MSD/MGD		Diameter of Screen				T W Q							
DRILLERS LIC. NO. 24		Diameter of Screen				70 72 74 75 76							
DRILLERS SIGNATURE Joseph P. Mayre		Diameter of Screen				TELESCOPE CASING LOG INDICATOR OTHER DATA							
(MUST MATCH SIGNATURE ON APPLICATION)		Diameter of Screen											
LIC. NO.		Diameter of Screen											
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		Diameter of Screen											

MASTER

DEVELOPMENT

DEV LOT 14

3.8 DEV AC

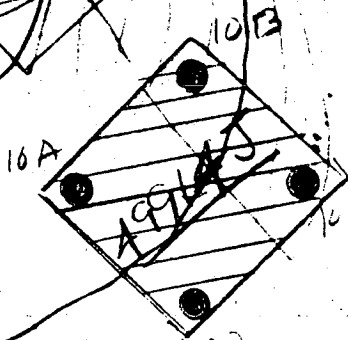
3.0 AC DEV

LOT # 11

TO BE REMOVED

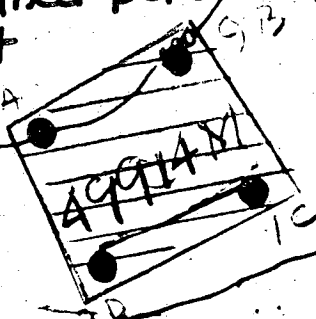
House

REMAIN



Copy of signed perc
cert plat

11-3-94



LOT # 10

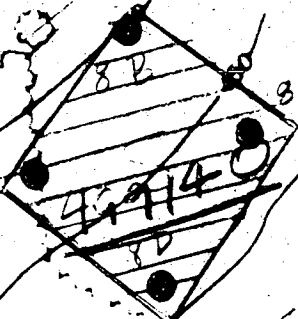
3 AC

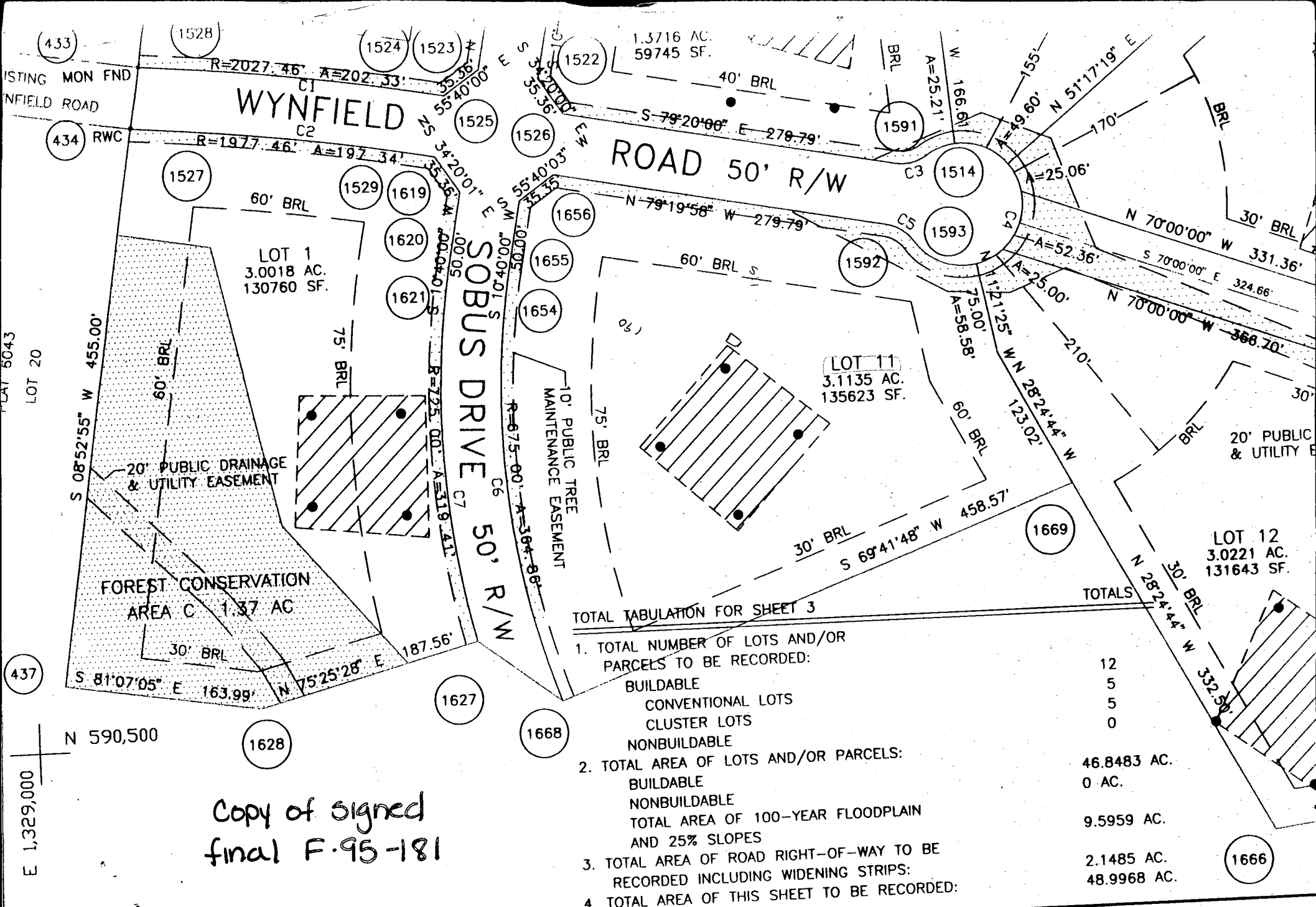
(PERC 9)

LOT # 9

3 AC

(PERC 8)





Copy of signed
final F-95-181

TOTAL TABULATION FOR SHEET 3

1. TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	
BUILDABLE	12
CONVENTIONAL LOTS	5
CLUSTER LOTS	5
NONBUILDABLE	0
2. TOTAL AREA OF LOTS AND/OR PARCELS:	46.8483 AC.
BUILDABLE	0 AC.
NONBUILDABLE	
TOTAL AREA OF 100-YEAR FLOODPLAIN AND 25% SLOPES	9.5959 AC.
3. TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	2.1485 AC.
4. TOTAL AREA OF THIS SHEET TO BE RECORDED:	48.9968 AC.

OWNER'S CERTIFICATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS FOR HOWARD COUNTY HEALTH DEPARTMENT.

Hilltop Development Corporation, by Richard J. Demmitt, President, owner of the property shown and described hereon, hereby adopt this plan of subdivision, and consideration of the approval of this final plan by the Department of Planning, establish the minimum building restriction lines and grant unto Howard

Distribution
Ex. Ground
Invert 40

Approved Septic System Plan
Howard County Health Department

Signature 6/11/96
Date

*Length of trench to be
determined at time of
septic permit issuance

