

8/23/96
12:00 & later
8/26/96 2:30

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56644A

A 40947

DISTRICT 3rd

DATE 5/23/96

DATE SYSTEM APPROVED 8/26/96

INSPECTOR *[Signature]*

314316

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Sand Hill Acres LOT 6 ROAD 2405 Sand Hill Road

PROPERTY OWNER Altieri Homes, Inc. Morton

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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 - Start the first trench 110' from the rear (241') lot line and 15' from the left lot line (120') that borders I-70. Run trenches along contour toward (498') 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. OK/CW

PLANS APPROVED BY Craig Williams/Glen Savage DATE 7/25/89, 4/9/96

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**

157607

LOT CORNER

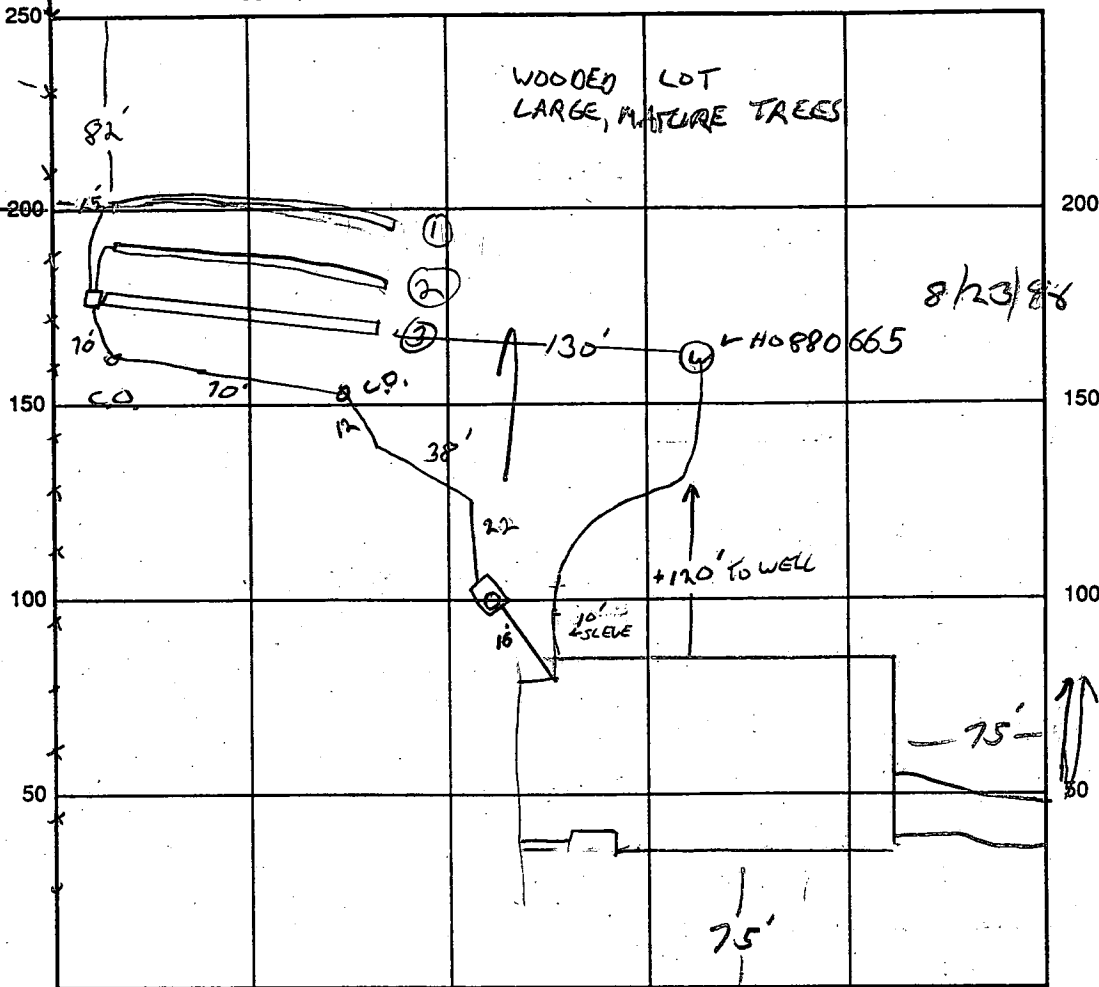
50

100

150

200

250



8/23/96 W.P.I. OK
8/23

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SAND HILL ROAD

SEPTIC TANK LEVEL OK, 6' MANHOLE ON TANK CLEANOUTS _____

DISTRIBUTION BOX LEVEL OK _____

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

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH 80/80/84 FT. 24

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 8/23/96 LOW TRENCH OUT (#1), OK TO STONE, 8/23/96
TRENCH 2 - LAST 40' OF TRENCH - MUST 4 - 5 1/2' BELOW GRADE. 20'
ADD 5" TO FINAL TRENCH AS MAKE UP AREA, 8/23/96
8/26/96 THIRD TRENCH HAS 6' EXTRA STONE

DATE SYSTEM APPROVED 8/26/96 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 40947

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 4

DATE 1-29-88

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Hilltop Development Corp Altier Homes, Inc.

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

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION SAND HILL ACRES LOT NO. 14 Lot 6

ROAD AND DESCRIPTION 2405 SAND HILL ROAD & LAMPLIGHTERS DRIVE

TAX MAP 16 PARCEL # 5

BLDG. PERMIT SIGNED
~~AND RETURNED~~ 2-9-96

SIZE OF LOT 3 acres TYPE BLDG Single Family - 1 BRMS
(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.

Richard Nemmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
~~AND RETURNED~~

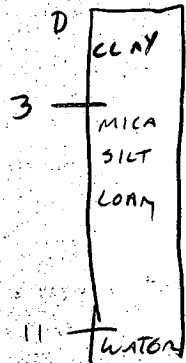
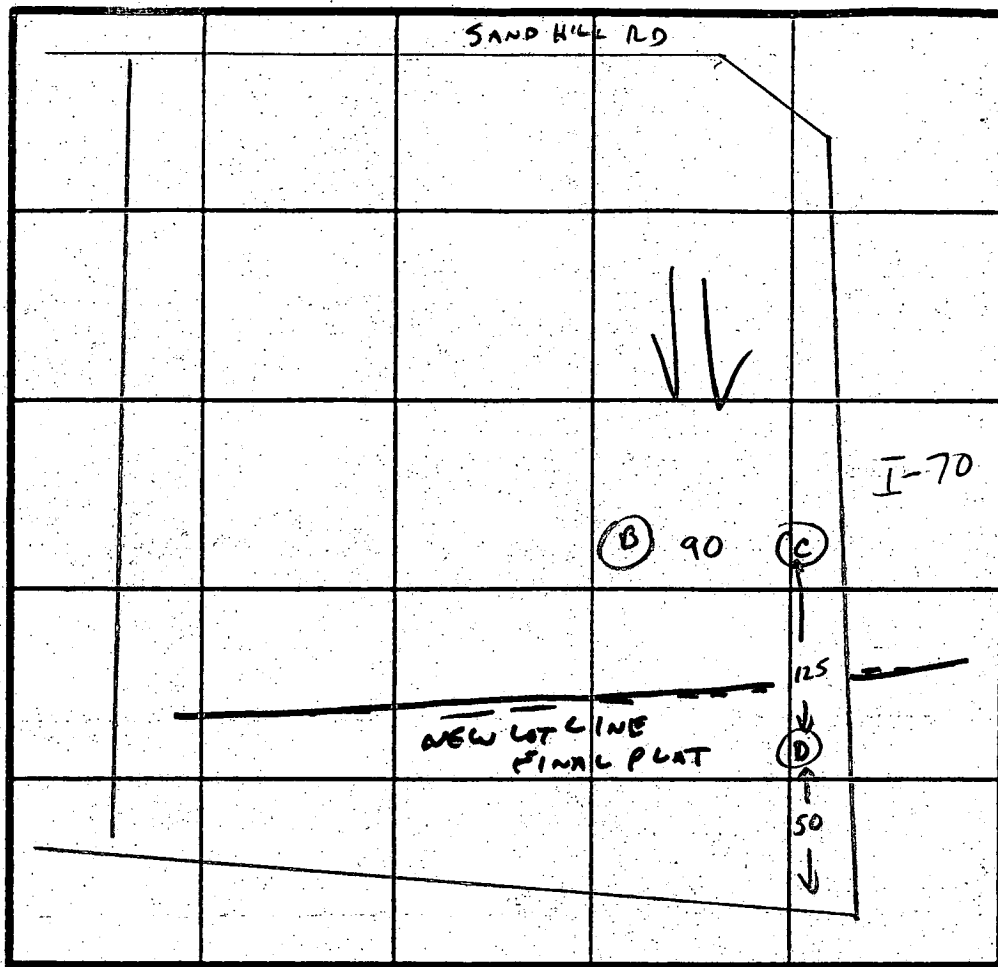
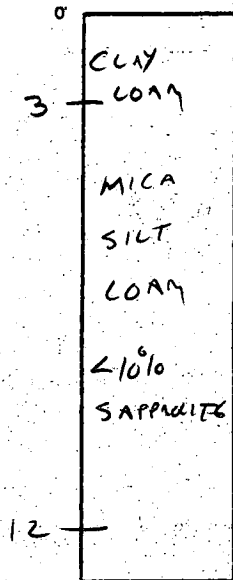
HD-216

THIS IS NOT A PERMIT

NEW LOT 6

B & C

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/88	A		NOT DUG				
	B	3 8 12	VIS OK		3-12'	LOAM	
	C	3 8 12	2:29	2:31	2:31	2:34	3 MIN
	D	3 8 11	2:19	2:22 VIS OK	2:22	2:26	4 MIN
			WATER AT 11'				

X 4 MIN
180
IN LET 3'
BOTTOM 7'

NOT USED

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

C1 9901 SEQUENCE NO. (DENV USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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.
 COUNTY NUMBER A 40947

ST/CO USE ONLY DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 10/17/89 Depth of Well 365 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-88-0665

OWNER HILLTOP DEVELOPERS last name SAND HILL RD first name TOWN WEST FRIENDSHIP SUBDIVISION SANDHILL ACRES SECTION LOT 6

WELL LOG
 Not required for driven wells
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
SAND STON	0	40	
CLAY WITH ROCK	40	365	✓
DRY WELL 365			
FILLED IN WITH GROUT + DRILLING MACHINES			

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY
 NO. OF BAGS 11 NO. OF POUNDS 1044
 GALLONS OF WATER 66
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 41 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER
 MAIN CASING TYPE C-1 Nominal diameter top (main) casing (nearest inch) 60-61 Total depth of main casing (nearest foot) 46-60

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole. insert appropriate code below
 ST BR HO STEEL BRASS OPEN HOLE
 PL OT PLASTIC OTHER

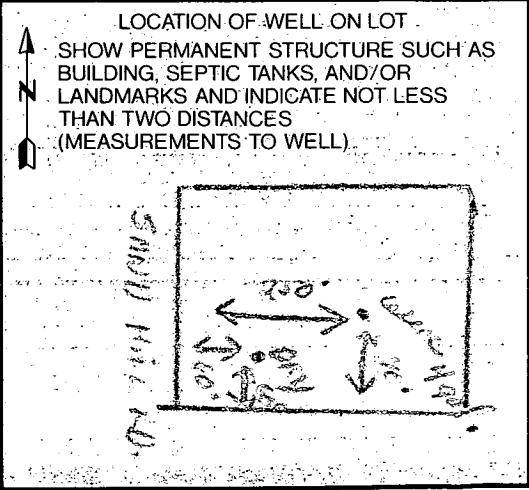
DEPTH (nearest ft.)
 EACH SCREEN 1 2 3
 1 11 14 15 17 21
 2 23 24 26 30 32 36
 3 38 39 41 45 47 51
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

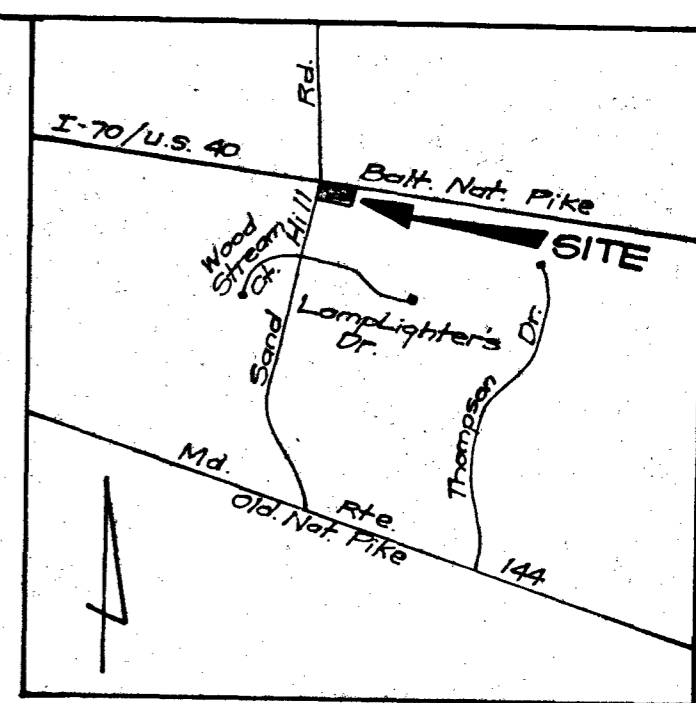
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 4
 METHOD USED TO MEASURE PUMPING RATE Rocket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 19 WHEN PUMPING 208
 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE

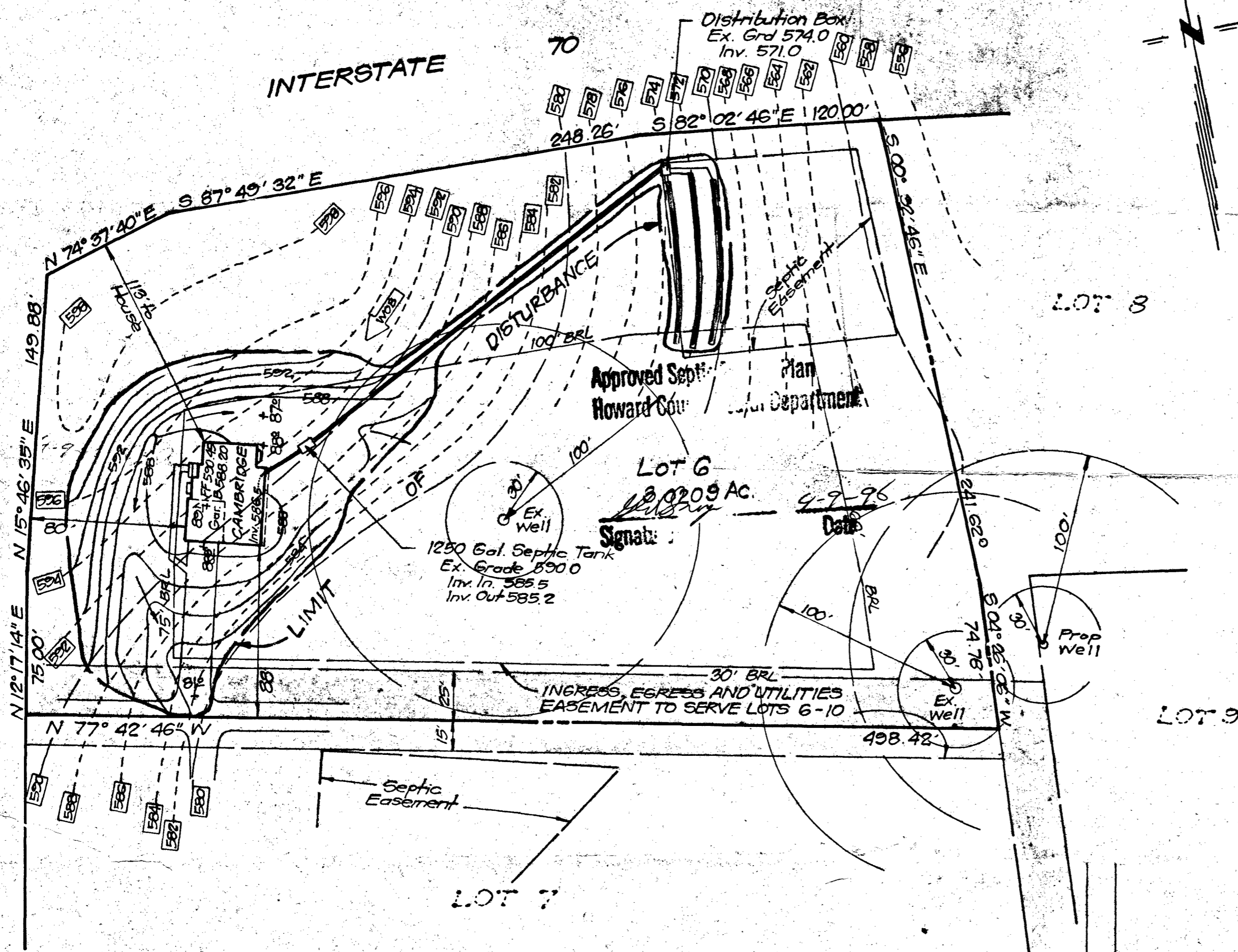


CIRCLE APPROPRIATE LETTER
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL
 I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.
 DRILLERS IDENT. NO. 274
 DRILLERS SIGNATURE [Signature]
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)



VICINITY MAP
Scale: 1" = 2000'

SAND HILL ROAD
60' R/W



GENERAL NOTES

1. Reference Plat No. 8355
2. Length of trenches to be determined at time of permit issuance
3. Existing topography taken from Preliminary Plans Prepared by Development Consultant Group, Inc.
4. Single Family Detached Unit - 4 Bedrooms
5. Limits of Disturbance = 28,100 sq. ft.

LEGEND

- Contour Interval 2 Ft.
- Existing Contour 510
- Proposed Contour 510
- Spot Elevation +10%
- Direction of Drainage

1. Add Existing Well Locations	4-1-96
NO REVISIONS	Date

CF CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO • (301) 621-8100 - WASH.

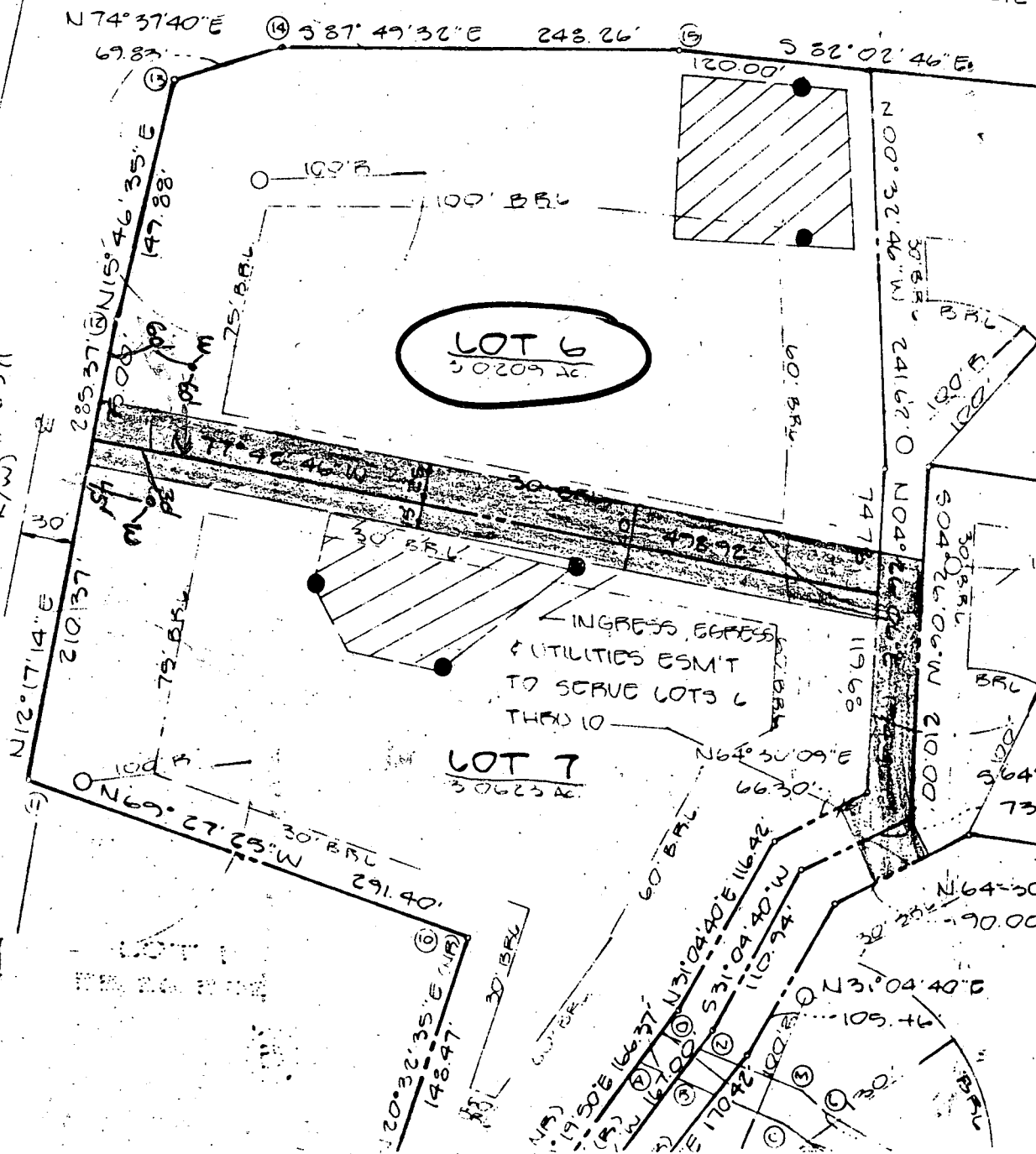
DESIGNED JME	SITE DEVELOPMENT PLAN LOT 6 SAND HILL ACRES SECTION 3 AREA 2 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND For: ALTIERI HOMES 3017 Red Branch Road	SCALE 1" = 50'
DRAWN BAL		DRAWING 1 OF 1
CHECKED JME		JOB NO. 24-109
DATE 3-22-96		FILE NO. 24-109

7.	535,470.18	819,850.96
8.	535,587.36	819,769.78
9.	535,599.20	819,696.38
10.	535,738.23	819,748.48
11.	535,840.49	819,475.61
12.	536,119.32	819,526.34
13.	536,263.89	819,577.09
14.	536,282.06	819,644.42
15.	536,272.64	819,892.50
16.	536,179.77	820,585.76
17.	536,158.95	820,633.90
18.	536,149.50	820,730.20
19.	535,370.42	820,932.08
20.	535,396.02	820,238.83

Sand Hill Acres, Lot 6
Hilltop Development Corporation
P.O. Box 208
Clarksville, Maryland 21029
(301)539-5539

INTERSTATE
R/W PLAT No. 31512

SAND HILL ROAD
MSDC PLAT 4152 (190571)
(60' R/W)



PLAT WILL
BE TYPED
7-11-48

EASEMENT BEARING CHART

No.	BEARING	DISTANCE
A-B	S55° 28' 00" W	29.25
B-C	S63° 40' 00" E	70.00
C-D	S49° 27' 57" E	15.16
H-I	N69° 23' 57" W	72.56
I-J	N85° 23' 51" W	29.32
L-M	N15° 00' 00" W	29.32