

6-26-95
1:00 pm
c/o

PERMIT

04-349393

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50694B

A 41127

DISTRICT 4th

DATE 5/16/95

DATE SYSTEM APPROVED 8/24/95

INSPECTOR AM/DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXX-461-5133~~ 313-2640

INDEXED

South Carroll Backhoe IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Wellington LOT 16 ROAD 2801 Hunt Valley Drive

PROPERTY OWNER Altieri Homes Lewis

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

Add'l on Deck
PERMIT SIGNED
RETURNED 9-20-95
Serial #61613

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 400 feet up the right (533.68') lot line and 100 feet off that same lot line as seen when facing the lot from Hunt Valley Drive. Run trenches on contour toward the right 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 5/15/95 DKS*

PLANS APPROVED BY Amy McMillen DATE 04/19/95

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

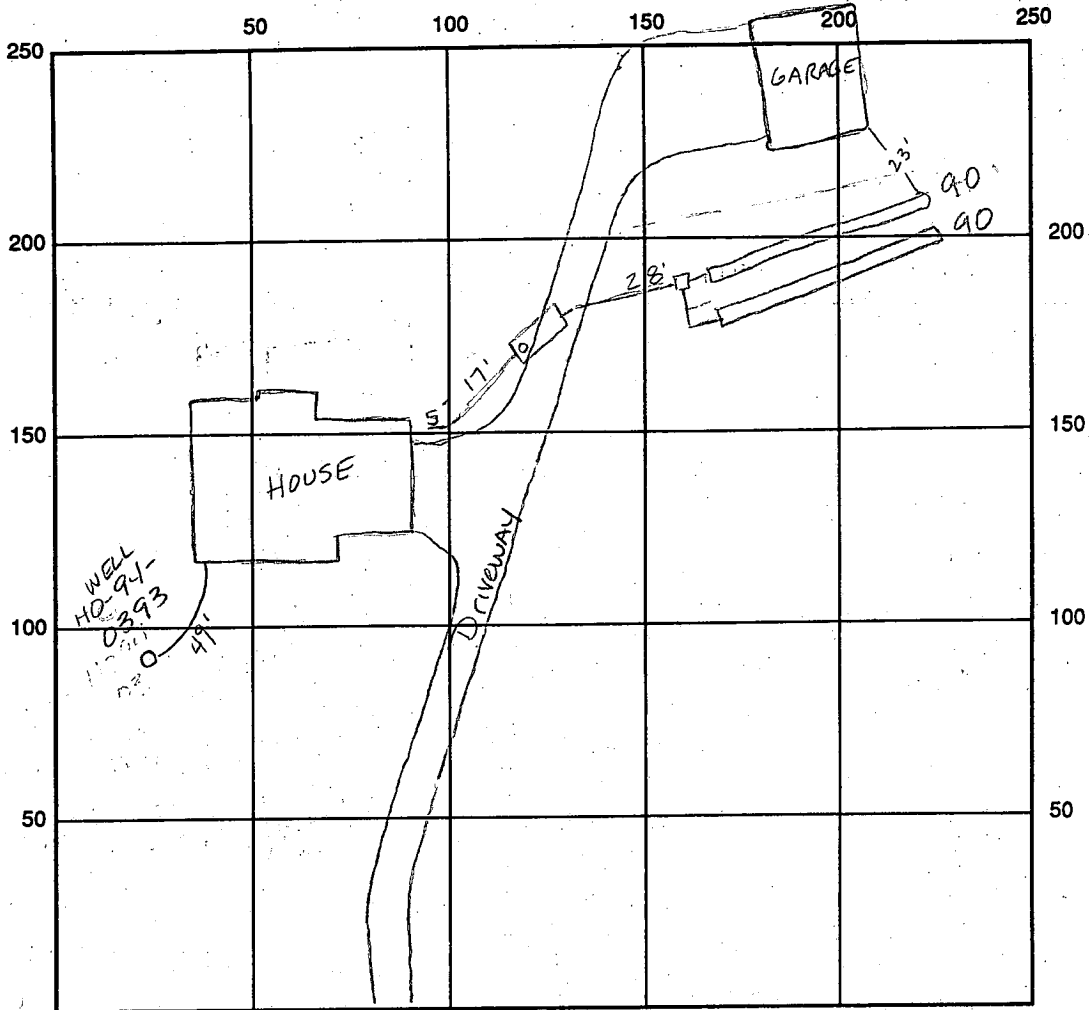
PERMIT VOID AFTER TWO YEARS

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**

A
41127



SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle 13 10

DRAIN FIELD/TITLE DEPTH 8' FT. TRENCH WIDTH 2' FT. INLET DEPTH 4' FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 181 FT. = 181

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 724 SQ. FT. $\frac{181}{4} = 724$

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 6-29-95 OK to cover all work - call when house connection is complete for inspection Ann

DATE SYSTEM APPROVED INSPECTOR

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 4/127

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT 4TH

DATE ~~December 18, 1987~~

FEB 26 1988

*4/16/88
WST system
perc OR funding
approved plat*

*5/17/88 attempted to
adjust field lower:
failed adjustment*

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 C. Oliver Goldsmith, et ux

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION:

SUBDIVISION Longwood Farm LOT NO. 13 *LOT 16 Preliminary sec. 1*

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt.97) and
Union Chapel Road

SIZE OF LOT 3+ Acres TYPE BLDG SFD Residential

(NUMBER OF BEDROOMS) *

* Undetermined at this time

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 MOSMA REQUIREMENTS IN TESTING THIS LOT. *SECURITY DEVELOPMENT CORPORATION
By: At to Bind VP*

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING *for field located holes & SFD plat*

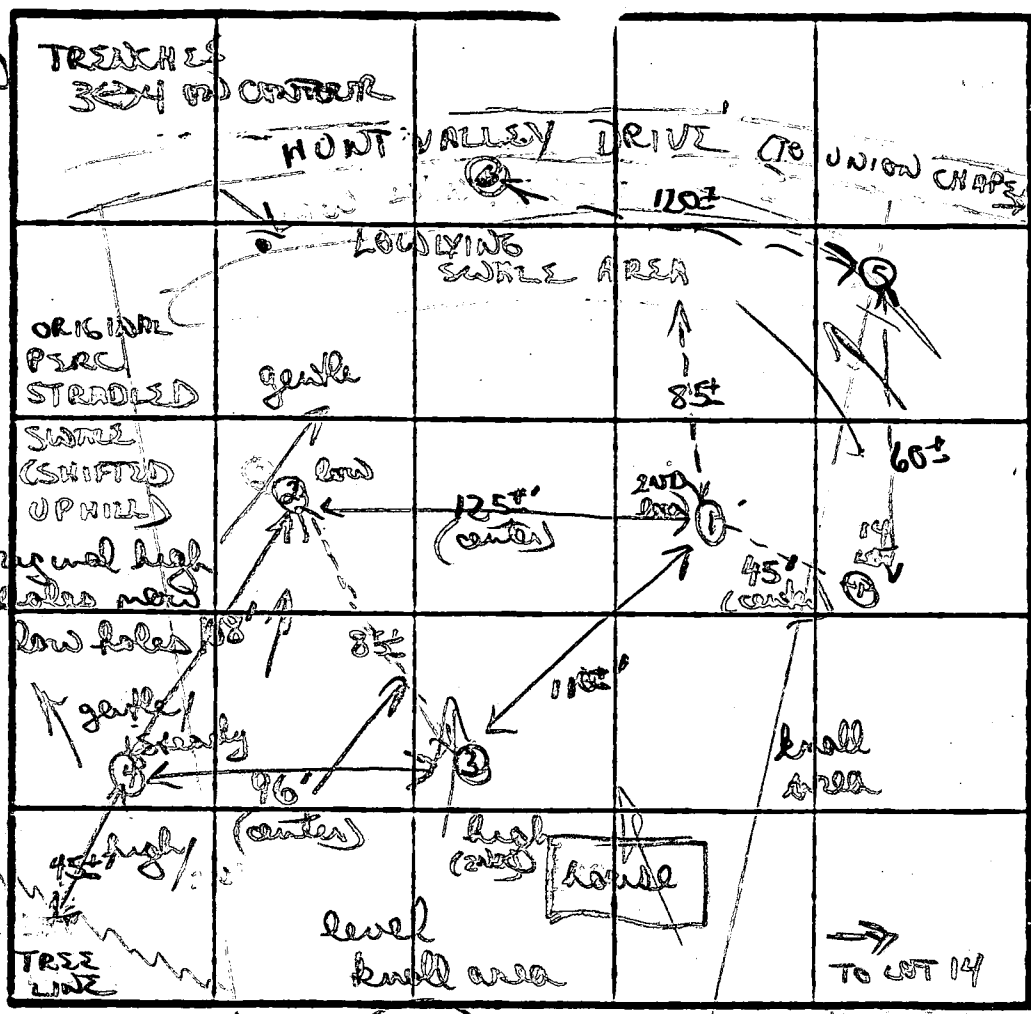
THIS IS NOT A PERMIT

INITIAL DEEP REPAIRS SHALLOW
 $\bar{X} = 8$ MIN
 INLET 3' SOIL PROFILE

MAX 8" brown/yellow
 D=7' clay
 patchy red brown
 sandy clay
 layer of grey sand
 8 1/2'

yellow/brown patchy bright orange
 clay 3'
 clay silty
 4'
 w/ few scattered red shal frags
 3-5'
 10 1/2-11'D

INLET 4'
 MAX D 8"
 187/30
 5/16-12-1079
 one side of swail
 H₂O 12', 85' resp



②
 chunky/gummy red clay (heavy) 3 1/2'
 clay lean 4 1/2-5'
 w/ patchy tan to mostly tan silty lean
 12'D
 ④
 orange/purple clay lean 3'
 to mostly purple silty mica lean

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/15/88	①	3-3 1/2's	156	158	158	207	9 MIN	
		8 1/2'D	hard bottom (see profile)					
	②	3 1/2-5	150	155	155	208	13 MIN	
		6 1/2 M	151	202	202	218	16 MIN	
		10 1/2-11	bottom (see profile)					
	③	4-5	158	207	207	219	12 MIN	
		12'D	bottom (see profile)					
	④	3 1/2-5	212	216	216	222	6 MIN	
		12'D	bottom (see profile)					
5/17/88	5+6	H ₂ O in both; both circled swails						

REMARKS: w/ flipping of perc field uphill, probable loss of well / house site. Probably continue up lot 14 for 1 test (Hole #4 probably on lot 12)

TESTED BY: B. Wilson

ALSO PRESENT: Ken H. Chip

②
 12'D
 ④

B 1 **4438** SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND STATE PERMIT NUMBER
40-94-0393
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) APPLICATION FOR PERMIT TO DRILL WELL please print or type fill in this form completely

OWNER INFORMATION
 Date Received (APA) **022495**
 Lewis RAYMOND
 7200 PATTON DRIVE
 Woodbine MD 21797

B 3 LOCATION OF WELL
 HOWARD
 WELKINGTON
 SECTION 16 LOT 16
 GLENWOOD
 MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION MSD/MGD/MWD
 Joseph L. MAYNE 24
 5512 RIDGE RD. MT. AIRY MD. 21771
 Joseph L. MAYNE Well Drilling
 Joseph L. Mayne 2/24/95

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 Hunt Valley Dr.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 270
 DISTANCE FROM ROAD ENTER FT OR MI FT
 TAX MAP: BLK: PARCEL:

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) 5
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 HOWARD A# 41127
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE DATE ISSUED
 030995 Charles Bryan Stecker 3/9/96
 NORTH GRID 531000 EAST GRID 0991000

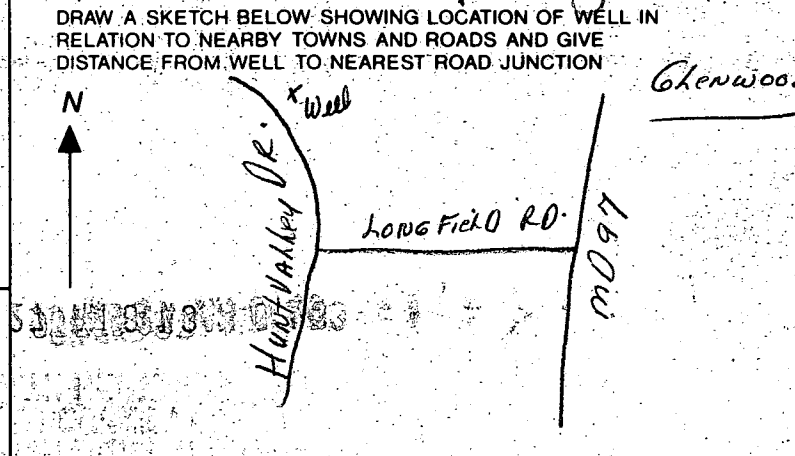
APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRIVE-POINT
 other:

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. Well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 990
 530
 Great 9:30 3/15/95
 Group 12:30
 3/17/95 11:15
 bags
 45' open
 54' casing
 location
 100 @ site DIS

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41



Not to be filled in by driller (OEP USE ONLY)
 APPROX. PERMIT NUMBER GAP
 FORCE INITIALS IN BOX PERMIT No. 40-94-0393

SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED = COUNTY

C1 3589

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 8-6 ON ALL CARDS)

COUNTY NUMBER A# 41127

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

032195

031795

185

H0-94-0393

OWNER LUIS RAYMOND last name first name HUNT VALLEY DR. TOWN GLENWOOD SUBDIVISION WELLINGTON SECTION LOT 16

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for SAND Stone and GRAY MICA ROCK.

GROUTING RECORD form including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS (31), NO. OF POUNDS (2914), GALLONS OF WATER (186), DEPTH OF GROUT SEAL (45 ft).

CASING RECORD form including: casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6 inch), Total depth (54 feet).

OTHER CASING (if used) form with diameter and depth fields.

SCREEN RECORD form including: screen type (ST, BR, HO, PL, OT), SLOT SIZE (1, 2, 3), DIAMETER OF SCREEN (NEAREST INCH).

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED (Y).

DEPTH (nearest ft.) H0 53 185. Includes SCREEN N and SLOT SIZE fields.

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

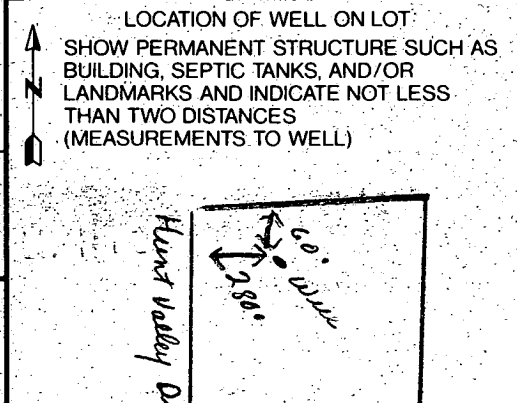
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 24. DRILLERS SIGNATURE (Must match signature on application).

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER). Includes T, WQ, and OTHER DATA fields.

PUMPING TEST form including: HOURS PUMPED (3), PUMPING RATE (15 gal per min), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (26), TYPE OF PUMP USED (S - submersible).

PUMP INSTALLED form including: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (above/below), LAND SURFACE (1).

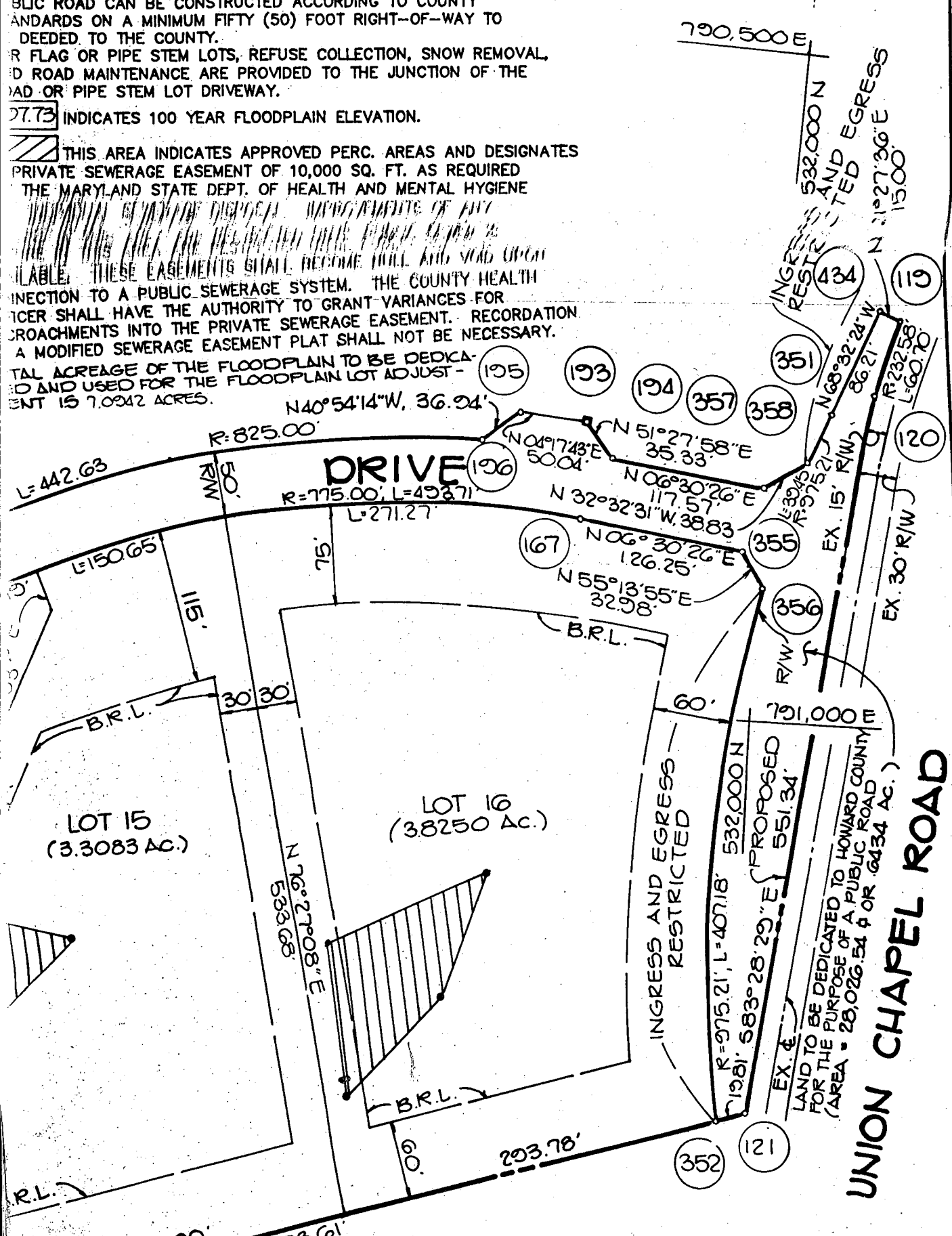


3' 25" W | 173.174 | 725.00' | 0° 50' 53" | 126.51' | 63.42' | 126.35' | 5 55° 00' 26" W

DENOTES 4" X 4" CONC. MONUMENT TO BE SET.
 DENOTES 3/8" X 30" PIPE OR STEEL MARKER TO BE SET.
 R. L. INDICATES BUILDING RESTRICTION LINE.
 ORIGIN OF COORDINATES: HOWARD COUNTY GEODETIC CONTROL POINTS: BM 3233002 AND BM 3333001
 FLAG OR PIPE STEM LOTS SHALL NOT BE FURTHER SUBDIVIDED TO LOTS ACCOMMODATING ADDITIONAL RESIDENCES UNLESS A PUBLIC ROAD CAN BE CONSTRUCTED ACCORDING TO COUNTY STANDARDS ON A MINIMUM FIFTY (50) FOOT RIGHT-OF-WAY TO BE DEDED TO THE COUNTY.
 FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM LOT DRIVEWAY.

77.73 INDICATES 100 YEAR FLOODPLAIN ELEVATION.

THIS AREA INDICATES APPROVED PERC. AREAS AND DESIGNATES PRIVATE SEWERAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY. TOTAL ACREAGE OF THE FLOODPLAIN TO BE DEDICATED AND USED FOR THE FLOODPLAIN LOT ADJUSTMENT IS 7.0942 ACRES.



790.500 E
 532,000 N
 INGRESS AND EGRESS RESTRICTED
 434
 119
 N 1° 27' 36" E
 1500'

N 68° 32' 24" W
 86.21'
 EX. 15' R/W
 351
 357
 358
 195
 193
 194
 196
 N 51° 27' 58" E
 35.33'
 N 06° 30' 26" E
 117.57'
 N 32° 32' 31" W, 38.83'
 N 06° 30' 26" E
 126.25'
 N 55° 13' 55" E
 32.98'
 R 232.58'
 L 60.70'

EX. 30' R/W
 791,000 E
 60'
 355
 356
 R/W
 EX. 4'

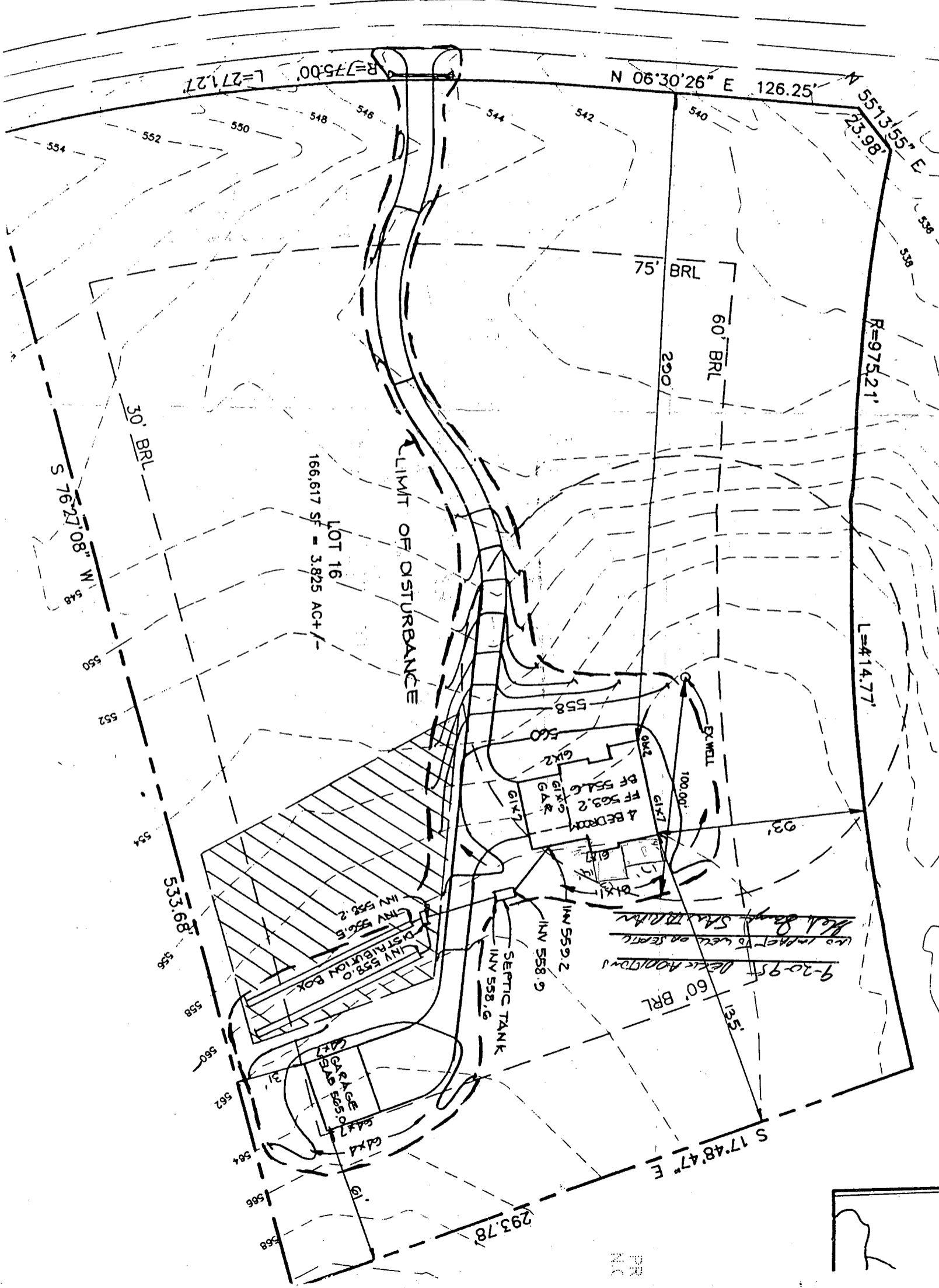
INGRESS AND EGRESS RESTRICTED
 R=975.21', L=407.18'
 532,000 N
 551.34'
 1981.583° 28' 29" E
 PROPOSED
 LAND TO BE DEDICATED TO HOWARD COUNTY FOR THE PURPOSE OF A PUBLIC ROAD (AREA = 28,026.54 ± OR 6434 AC.)

UNION CHAPEL ROAD

352 121

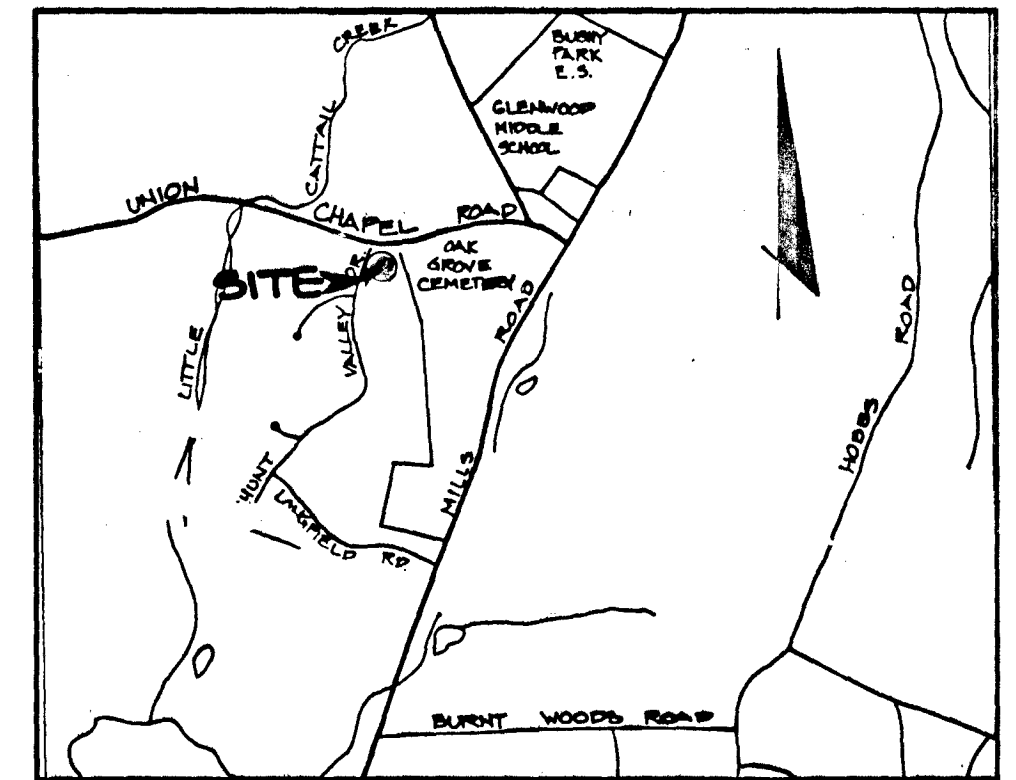
293.76'
 7803.61'
 80.00'

HUNT VALLEY DRIVE (PUBLIC ROAD 50 R/W)



9-20-95
 DELEA HONOLULU
 NO IMPACT TO WELL OR SEPTIC
 Well & Septic System





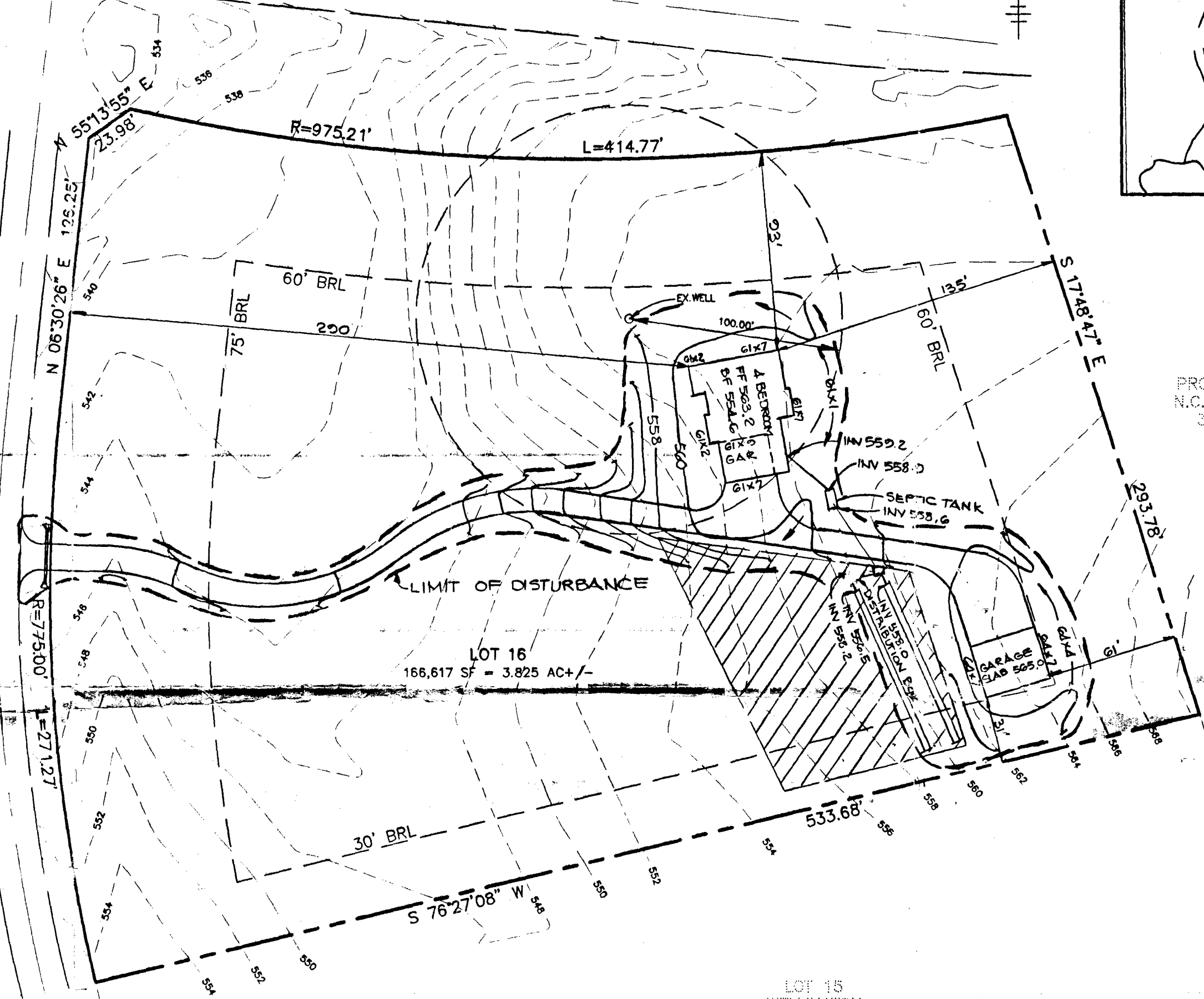
VICINITY MAP
SCALE: 1" = 2000'

PROPERTY OF
N.C. HEPBURN
365/578

HUNT VALLEY DRIVE
(PUBLIC ROAD 50 R/W)

UNION CHAPEL ROAD
(PUBLIC ROAD R/W VARIES)

GRID NORTH



LOT 16
166,617 SF = 3.825 AC +/-

LOT 15
WELLINGTON
SECTION ONE, AREA ONE
PLAT NO. 8496

PLAN
SCALE: 1" = 50'

Approved Septic System Plan
Howard County Health Department

[Signature]
Signature

4/19/95
Date

LIMIT OF DISTURBANCE 29600 ±

NOTES:

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
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 ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCRoACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM TSA GROUP INC. FIELD RUN TOPOGRAPHIC SURVEY PERFORMED ON OR ABOUT MARCH, 1995.
5. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

PLOT PLAN
LOT 16
WELLINGTON
SECTION ONE, AREA ONE
HUNT VALLEY ROAD

T.S.A. GROUP INC.
8480 BALTIMORE NATIONAL PIKE, SUITE 418
ELLCOTT CITY, MARYLAND 21043
(410) 465-6105

TAX MAP NO. 14 & 21 PARCEL 73 & 74
PLAT NO. 8496
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: MARCH 30, 1995