

11/20/95 AM 11:00
12/12/95 AM 11:00
12/28 AM
12/29 AM
1/3/96 will call when ready
Fred Trench King

PERMIT 05-392683

SEWAGE DISPOSAL SYSTEM DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56370
A 36667

DISTRICT 5th

DATE 12/12/95

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
313-2640

DATE SYSTEM APPROVED 1/3/96

INSPECTOR R. P. B. [Signature]

INDEXED

Bilbar Contracting IS PERMITTED TO INSTALL ALTER

ADDRESS 1350 Deer Park Road, Finksburg, Maryland 21048 PHONE 876-4787/Pager 237-1096

SUBDIVISION La Isla LOT 7 ROAD 6638 Corina Court

PROPERTY OWNER Keith Risser

ADDRESS

SEPTIC TANK CAPACITY 2 (2) 1500 GALLONS EACH *But 10,000 square feet with rear facilities, double sized septic tank specified.*

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

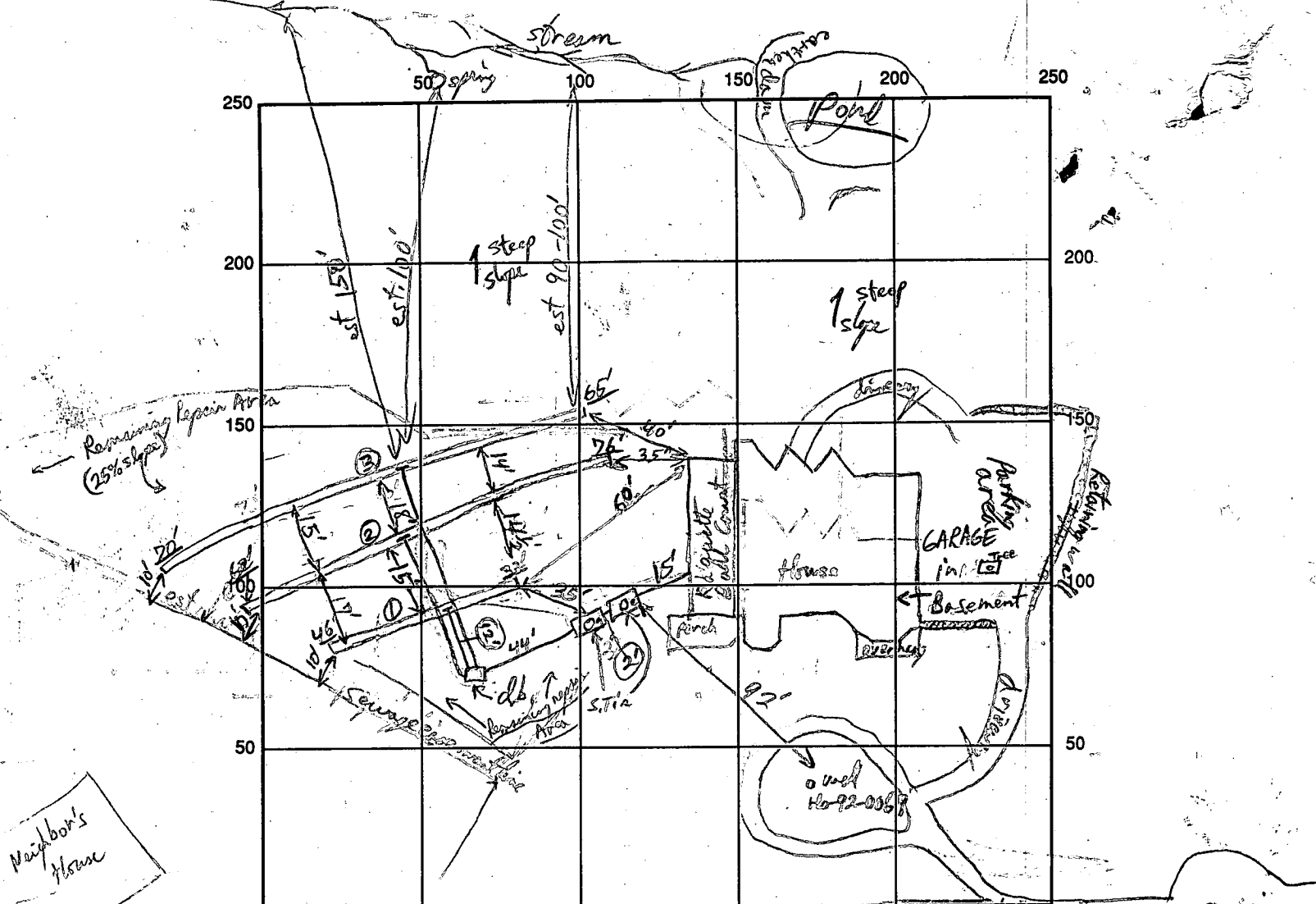
LOCATION - To be determined in field, arrange for Health Department inspection prior to beginning septic system installation. ok/cw

PLANS APPROVED BY Craig Williams DATE 12/2/92

- 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 30667



Neighbor's House

Corina Court

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

1500 gal. Mid Sump S.T.
 SEPTIC TANK LEVEL 1500 gal. Mid Sump S.T. (To be used as Future pump CLEANOUTS cleanouts + Manholes on both chambers)
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2-2 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 78/137/135 FT. (Total)
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 110.50 SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT. Note: 92' well to septic tank distance is accepted given limited site condition. R/P 12/27/95

REMARKS: 2 septic tanks installed in series at 100' to basement as pump chamber for future repairs R/P 12/27/95
1st Trench (Middle of SDA) has rocky bottom (stones & boulders of granite schist - cover sandy loam over 50% of trench length) R/P 12/27/95
Did pipe test in rockiest part of Trench #1, got 12 min/inch rate - OK to gravel fill Trench #1. R/P 12/28/95 House connection complete,
OK to lower Trench #1 and gravel fill #2. R/P 12/28/95 OK to cover Trench #3 when finished covering pipe. 12/29/95 OK to
cover S.T. #2, OK to cover last trench when finished. 12/29/95 Final trench OK to lower 1/3/96 R/P
Note: There appears to be enough area for almost one more septic system (approx 300-350 Lin. Ft. max) R/P 1/3/96

DATE SYSTEM APPROVED 1/3/96 INSPECTOR [Signature]

Bruce Williams
Farm & Poultry
4/19/92

RE: Lastole lot 7
Corina Ct (A36667)

The good news; the existing well is just South of center of the island in the gravel driveway (a little downslope there as should in attached drawing). The perc holes nearby are all part of the 1st approved SDA.

The Bad News. While the well is 100 ft (just) from Test hole 7 H, the slope @ test hole 7 H is 33% (as is the slope over $\frac{1}{3}$ to $\frac{1}{2}$ half of the currently approved SDA). [7D (or 8B) are approx 90 ft from well]

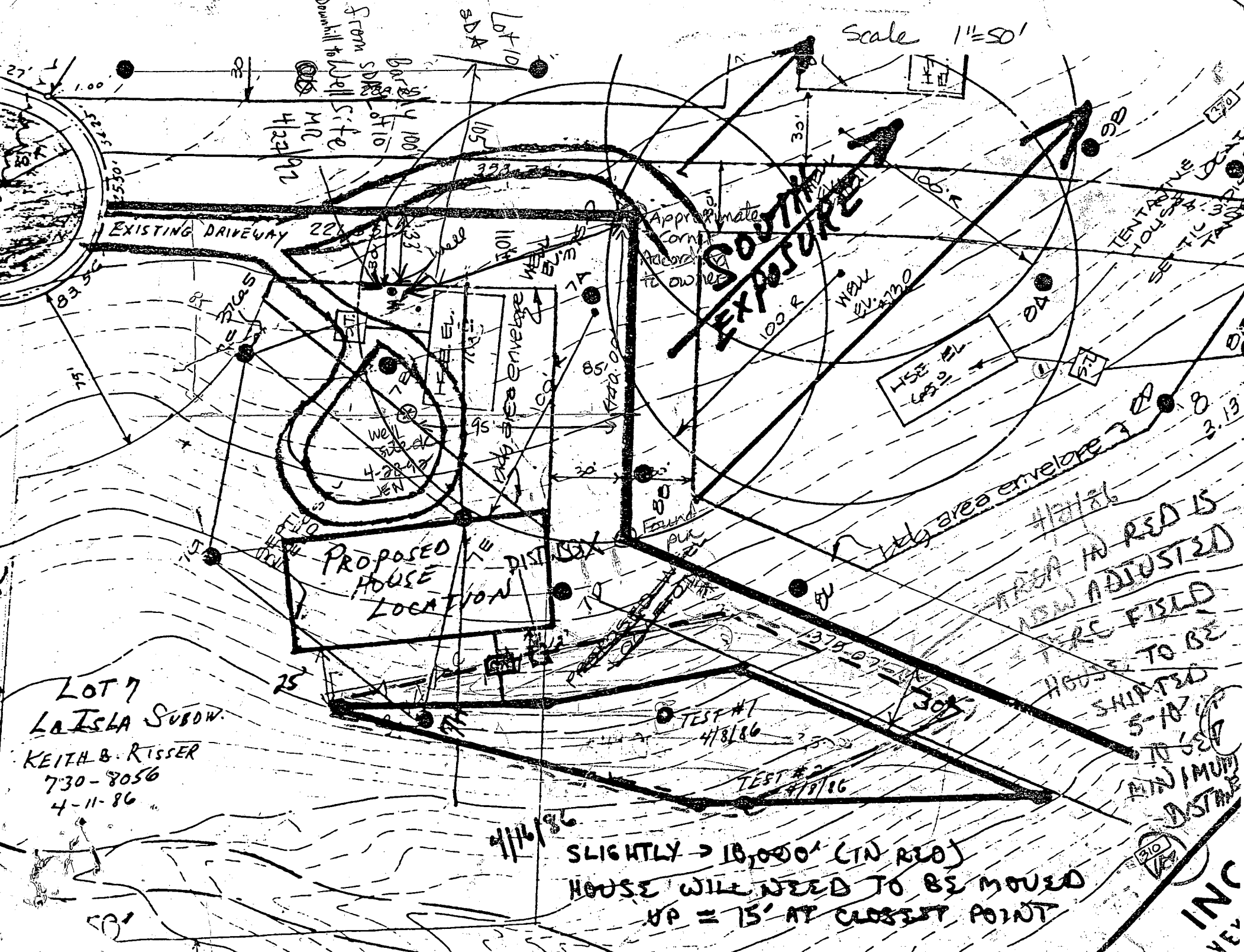
Given the load @ Test holes 1 + 2 and an average perc of 8 min (for these two shallow-perchholes)
for 5 Bedroom design @ 210 sqft/Bedr = 350 linear ft of Standard

Trench = 4200 sqft per septic system.

Together two septic systems on site, you'll need the area from Test hole 7D to halfway between test holes 1 + 2.

I recommend having the septic area staked to be sure and get a positive \pm D on the 375' boundary line and the Marker for 140' + 375' line intersection. Then visit the site yourself, to confirm.

Scale 1"=50'



LOT 7
 LA ISLA SUBDW.
 KEITH B. RISSER
 730-8056
 4-11-86

PROPOSED HOUSE LOCATION

SOUTH EXPOSURE

AREA IN RED IS NOW ADJUSTED TO BE FIELD HOUSE TO BE SHIPPED 5-10-86 TO SET MINIMUM DISTANCE

SLIGHTLY > 10,000' (IN RED) HOUSE WILL NEED TO BE MOVED UP = 15' AT CLOSEST POINT

INC

KEITA B. RISSEK
6326 WINDHARP WAY
COLUMBIA, MD 21045

H 381-0385
W 799-8338

800/332-7761

RECEIVED
NEWARD COUNTY
HEALTH DEPT.

92 MAR 31 AM 9:2

[Handwritten signature]

[Handwritten signature]
14/12

APPLICATION

PERCOLATION TESTING

A 31667

P _____

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

DISTRICT _____

DATE 3/20/86

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 Keith B. Risser

ADDRESS 6326 Windharp Way, Columbia, Md. 21045 PHONE 301/730-8056

PROSPECTIVE BUYER Property owner (building personal residence)

ADDRESS Lot 7, La Isla - Corina Court PHONE _____

PROPERTY LOCATION:

SUBDIVISION La Isla, Corina Court LOT NO. Seven (7)

ROAD AND DESCRIPTION Cedar Lane toward new Rt. 32. La Isla is 1/2 mi. South of Freetown Roar, on left going south.

TAX MAP 35 PARCEL # 113

SIZE OF LOT 136,660 ft.² or 3.13727 Ac. TYPE BLDG. S/F Residential
(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.

Keith B. Risser
(SIGNATURE OF APPLICANT)

APPROVED BY B. NIXON (EW) FOR ADJUSTED S.D. A. DATE 4/21/86

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Permit

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31571

P _____

DISTRICT 5th

DATE 8/14/81

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 Francisco Guzman Applicant: Greenhorne & O'Hara, Inc
6715 Kenilworth Ave. Riverdale, MD
John Sakai 277-2131 x 177 20840

ADDRESS 10959 Swansfield Road, Columbia, MD 21044 PHONE _____

PROPERTY LOCATION: _____

SUBDIVISION La Isla LOT NO. 7

ROAD AND DESCRIPTION Cedar Lane 1,000 Ft. North of Intersection W/Rte. 32

SIZE OF LOT 3+ acre TYPE BLDG. Single Family Dwelling
4 bedrooms
(NUMBER OF BEDROOMS)

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 Cwill FOR TRUENEGOS DATE 11/2/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

FURTHER
566 A 36667
DOWN
1560

#7

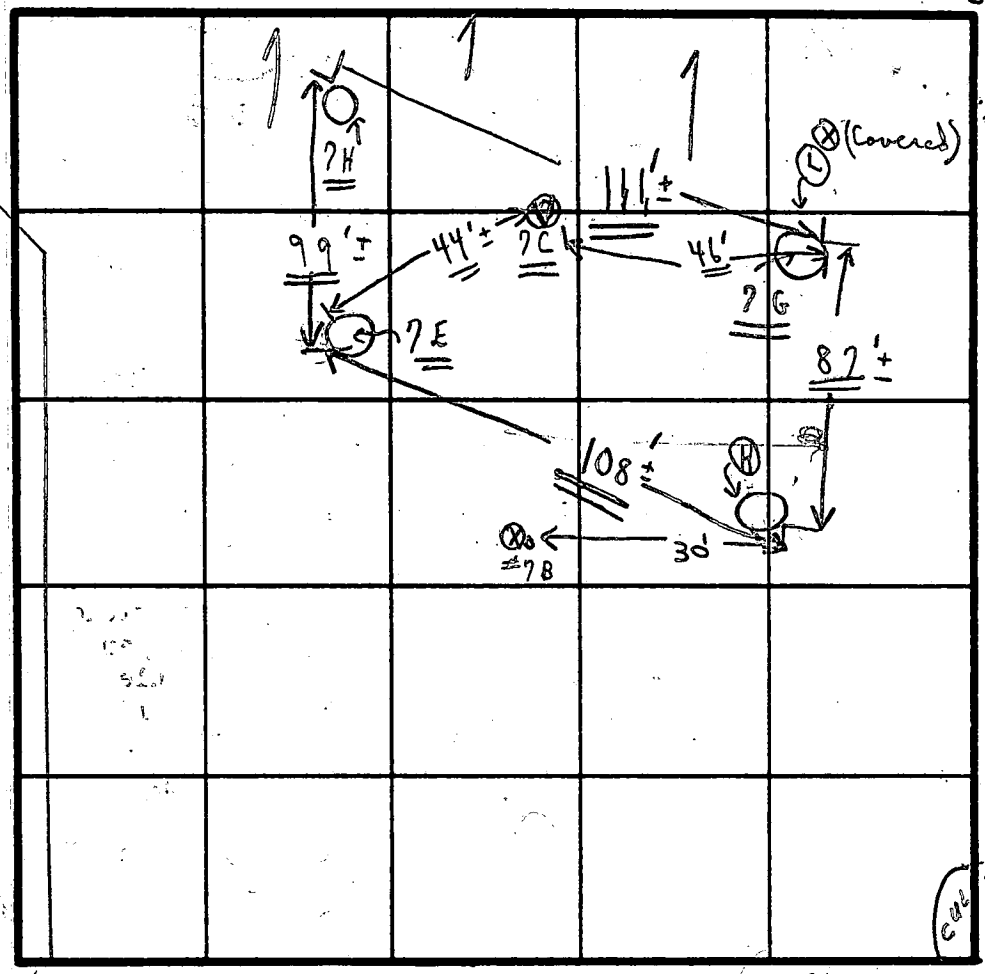
SOIL PROFILE

SEE EACH HOLE BELOW



FIELD SHEET

TEST PER STAKE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

R/W

R/W

| SOIL PROFILE | DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1' DROP | | TIME |
|------------------------------|---------|----------|----------------|-------------------------------|-------|----------------|-------|-------------|
| | | | | START | STOP | START | STOP | |
| 1'-3" CLAY | 8/20/81 | 7 E S | 3' | 9:47 | 9:48 | 9:48 | 9:50 | 2 min |
| 3'-12" 1-8" LOAM | 8/26/81 | 7 E D | 12' 8" | : LO AM FROM SHELVE TO BOTTOM | | | | |
| 1'-4" CLAY | | 7 H S | 4' | 9:52 | 9:53 | 9:53 | 9:55 | 2 min |
| 4'-11" 8" LOAM + SOME SPONGE | | 7 H D | 11'-8" | : (SOIL SIMILAR TO SHELVE) | | | | |
| 1'-3" CLAY | | 7 G S | 3' | 9:58 | 9:59 | 9:59 | 10:01 | 2 min |
| 3' LOAM TO 10" | | 7 G D | 10 1/2' | : LO AM | | SOME SANDSTONE | | |
| 1'-3 1/2" CLAY | | 7 S | 3 1/2' | 10:05 | 10:06 | 10:06 | 10:07 | 1 min |
| 3 1/2'-13" LOAM | | 7 D | 13' | : LO AM | | | | |
| ORIGINAL 7C | | 7 C | 12' | 5' - 4" clay | | 4' - 12" LOAM | | 4 1/2 2 min |
| | | | (1) HOUSE SITE | | | | | |

135 #"
Shallow Trenches Only
3'-5' Below Only
Hole

Hole to left of 7C

Spigot (of 7C)

off 7B 7C

8/26/81 HOLD FOR (2) PER CERTIFICATE (8/26 REDESIGN) (1) FOR REDESIGN INITIAL
(2) WATER WELL TESTS IN WOODS HOLD ROCK IN: A. 7D-9' 2
8/29/81 B. 7B-8' 5

REMARKS
TYPE OF SOIL
TESTED BY [C.B. No tests 8/20/81] 8/26/81
ALSO PRESENT P.M. SUP. BRADFORD + ASST. (2) JOHN OF GREENBORNE + O'MARA

EH-12-1079

C1 6853 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 36667

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 05/19/92

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-92-0069

OWNER Risser, Keith B. last name first name TOWN Clarksville STREET OR RFD Coura Court SUBDIVISION La Isla SECTION LOT 7

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND stone 0-10, GRAY mica Rock 10-225.

GROUTING RECORD WELL HAS BEEN GROUTED (YES/NO) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 6 NO. OF POUNDS 364 GALLONS OF WATER 36 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 20 ft.

CASING RECORD casing types insert appropriate code below. MAIN CASING TYPE S1 Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 23

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

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

Table for SCREEN RECORD with columns for depth (nearest ft.) and rows for each screen. Includes handwritten values: 110, 20, 225.

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. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

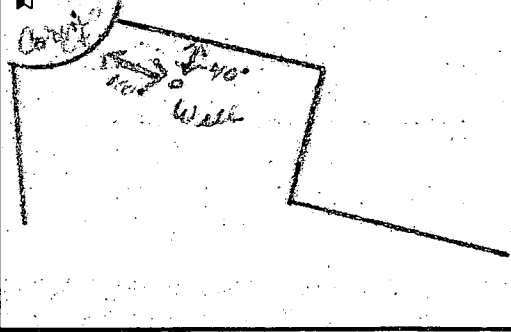
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 64 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 (nearest foot)

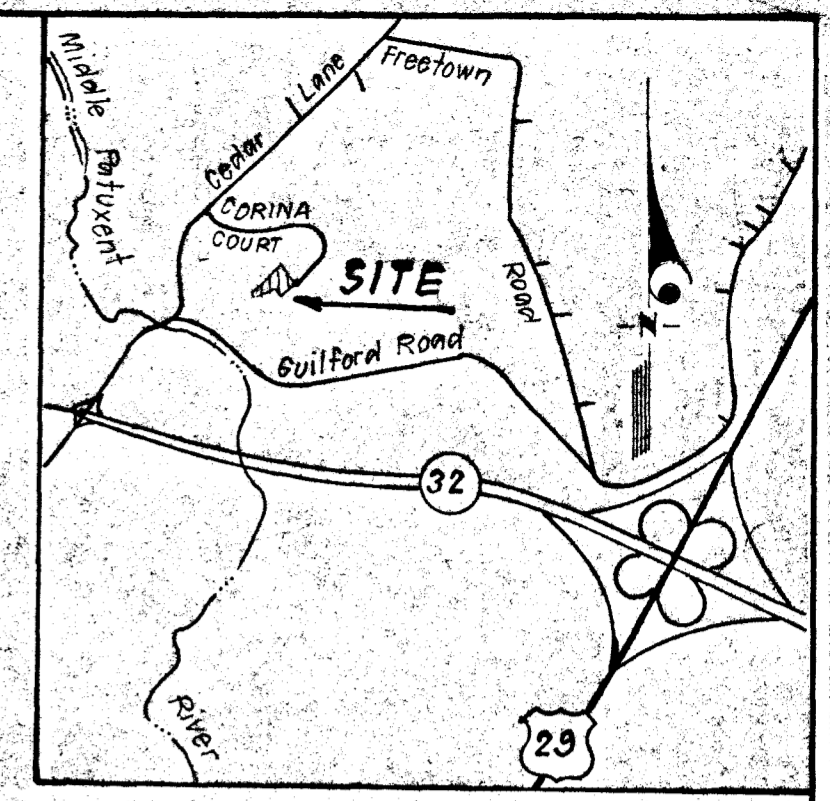
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



Plot # 46904
12/31/92

PLAN SCALE
1" = 50'

20' Wide Storm Drainage & Utility Easement Plat No. 5360



VICINITY MAP
SCALE: 1" = 2,000'

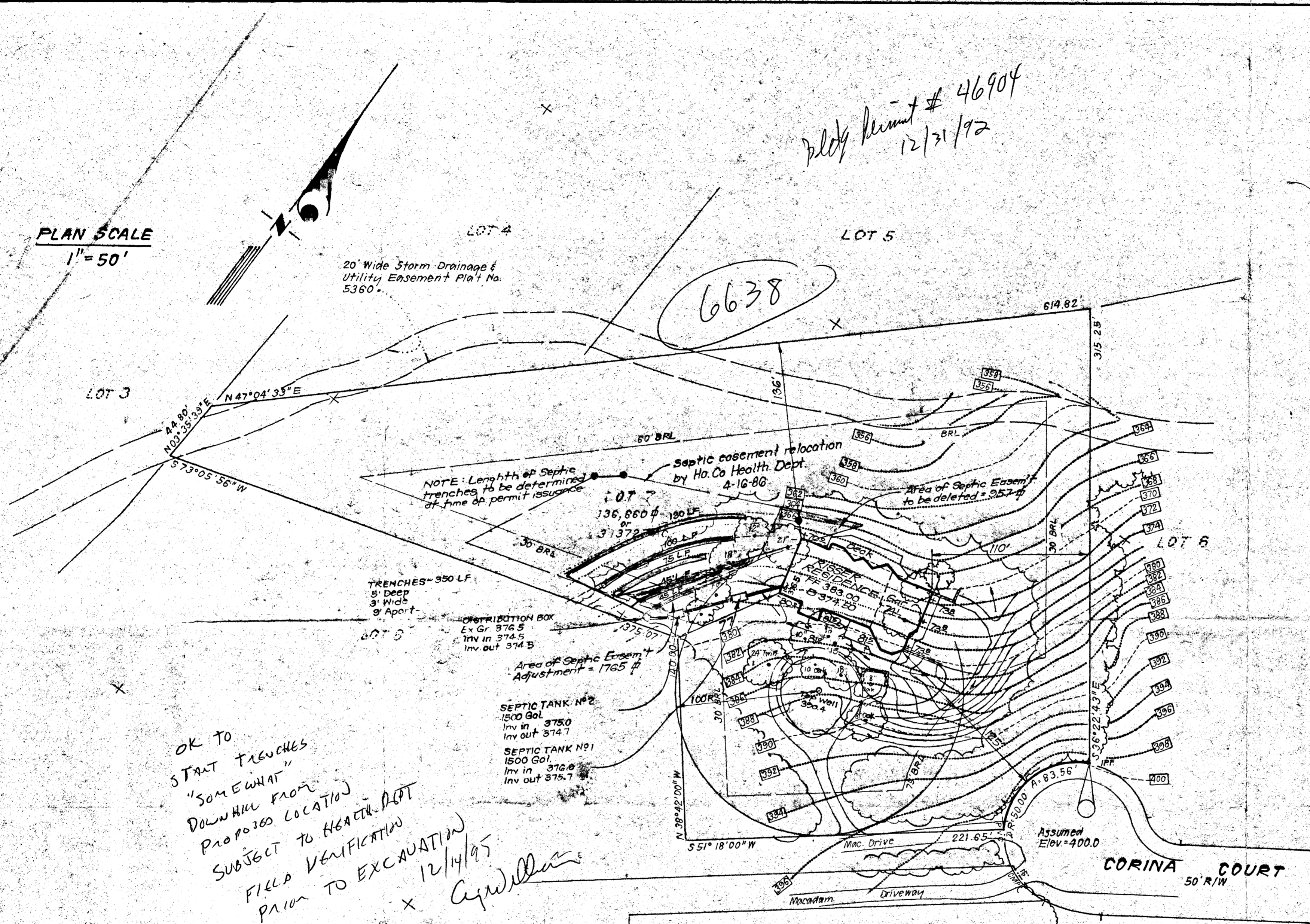
LEGEND

- Contour Interval 2 ft
- Existing Contour
- Proposed Contour
- Spot Elevation +982
- Direction of Drainage
- Walkout Basement
- Existing Trees to be Saved

GENERAL NOTES

1. Existing topography was field run by Clark-Finefrock & Sackett, Inc. on 11-17-92
2. Topography elevations are based on Assumed Datum
3. Proposed dwelling is a five bedroom, single family home.
4. Basement will not sewer by gravity
NOTE RAISE HOUSE 3.5 T. ACHIEVE GRAVITY AT B.M.

OK TO START TRENCHES "SOMEWHAT" DOWNHILL FROM PROPOSED LOCATION SUBJECT TO HEALTH DEPT FIELD VERIFICATION PRIOR TO EXCAVATION
12/14/95
C.W. Williams



Plot Reference: Plat No. 5360

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 7 LA ISLA LOTS 1 THRU 14 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND | SCALE 1" = 50' |
| DRAWN JTR | | DRAWING 10F1 |
| CHECKED JME | | JOB NO. 92-208 |
| DATE Dec. 1992 | | FOR: MR. KEITH RISSER 6326 Wind Harp Way Columbia, Maryland 21045 |