

4/19/79
4/20/79
5/11/79
5/23/79

PERMIT

P 28288

A 25944

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY 04-338243

File

ELLICOTT CITY

DISTRICT 4th

DATE 6/27/78

INDEXED

~~Hubert Snapp~~ *Wm. Hopkins* IS PERMITTED TO INSTALL ALTER

ADDRESS 25641 Ridge Road, Damascus, Md. 20750 PHONE 253-2857

SUBDIVISION (Florence Estates) ROAD 1857 Florence Road LOT 1

PROPERTY OWNER Hubert Snapp

ADDRESS same as above

SPECIFICATIONS 3 bedroom

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

INLET PIPE FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN

FACING LOT FROM

DRY WELL AND TRENCH - System to have 195 sq. ft. effective sidewall absorption area per bedroom to begin below the first 3 1/2 ft. of non-porous soil. Maximum depth permitted for dry well or trench is 9 ft. below original grade. Place the dry well 95 ft. from the front lot line and 85 ft. from the left side line as seen when facing the property from Florence Road. Start the trench after a 5 ft. earth buffer with the dry well and proceed to dig it on level ground the necessary distance. NOTE: NO TRENCH AREA TO EXCEED 100 FEET IN LENGTH.

PLANS APPROVED BY Frank Skinner DATE 1/17/78

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

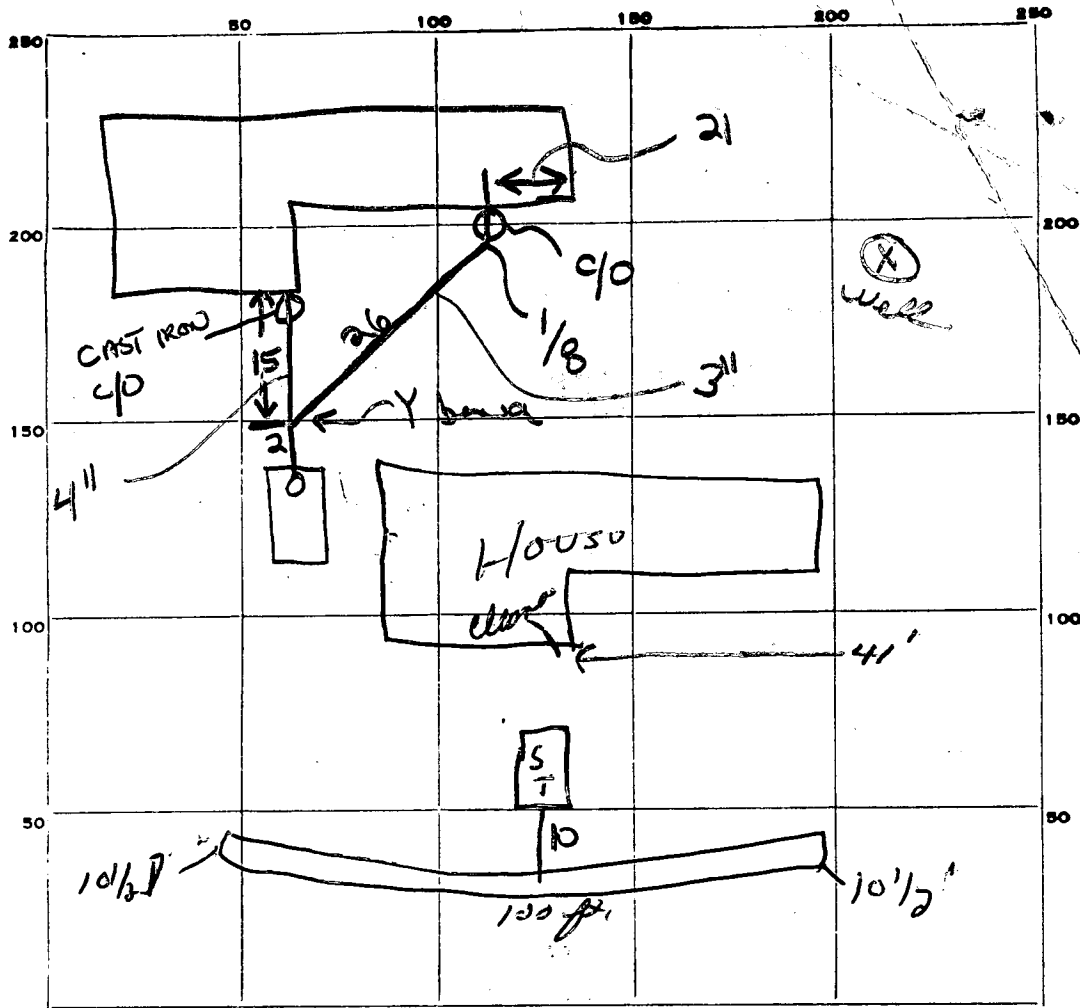
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 25944



195
13
585

PERMIT CARD

new 5/11

5/23/79 on windows & one in cleanout C.B.V.

SEPTIC TANK, LEVEL

OK

CLEANOUTS rot on

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 FT. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 700

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 700 SQ. FT.

REMARKS 4/19/79 - OK to put gravel in trench. - install cleanout on lot
install house sewer. 4/20/79 - OK to cover trench to septic tank.
Install cleanouts on tanks, install house connection to
septic tank. call JS 5/11/79 - Call for final 5/23/79
cleanout for septic tank installed + outlet to septic tank cemented. OK to
backfill except for area around cleanout's septic tank outlet (GUK)

DATE SYSTEM APPROVED

5/23/79 checked - found above ok.
5/23/79 as per 5/23/79

INSPECTOR

C. B. V. [Signature]

B 1 3232 SEQUENCE NO. (WRA USE ONLY) **STATE OF MARYLAND**
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL WRA PERMIT NUMBER
 40-73-2764
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 6/2/78
 OWNER: Hubert Innes, Jr.
 COL 15 LAST NAME COL 34 FIRST NAME
 STREET OR RFD: 25641 Ridge Rd.
 COL 36 COL 55
 POST OFFICE: Dominion, Md.
 COL 57 COL 76

B 1 CONTINUED **DRILLER INFORMATION**
 1 2 3 (SEQ. NO.) 6
 DATE: 4/24/78 LICENSE NUMBER: 42
 77 80
 FIRST NAME: J. Pasterda DRILLER LAST NAME
 SIGNATURE: J. Pasterda

B 3 LOCATION OF WELL
 1 2 3 (SEQ. NO.) 6 Howard
 COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION: Florence 1st. 42
 SECTION: 44 LOT: 1 48 50
 NEAREST TOWN: Florence 52 71
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 2 79 76 77 78

B 2 WELL INFORMATION
 1 2 3 (SEQ. NO.) 6
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 1600
 14 20

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
 1 2 3 (SEQ. NO.) 6
 NORTH EAST NORTHWEST SOUTHWEST
 SOUTH WEST
 NEAR WHAT ROAD: Florence Rd.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH EAST WEST
 NORTH SOUTH EAST WEST
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 100
 34 37 38 39

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 PRIVATE WATER COMPANY }
 TEST

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

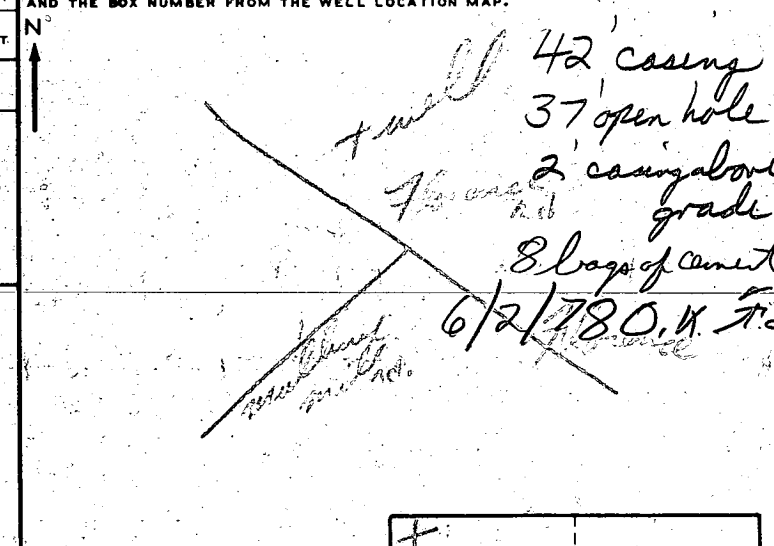
APPROXIMATE DEPTH OF WELL 150 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) JETTED DRIVEN
 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE)

REPLACEMENT OR DEEPEINED 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
 THIS WELL WILL DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
 APPROPRIATION PERMIT NUMBER: 54 ENGINEER REVIEW DISTRICT NO.: 63
 FORCE: 67 WRITE INITIALS IN BOX: 68 CONDITIONS: 70 71 72 73 74 75 76 77 78 79



BOX NUMBER: 760 (E) 536 (N)
 NORTH COORDINATE: 535000
 50 51 52 53 54 55
 EAST COORDINATE: 0760000
 57 58 59 60 61 62 63
 ELEVATION AT WELL HEAD (FEET): 0/0 65 66 67 68 0/0 5/0

B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**
 1 2 3 (SEQ. NO.) 6 Howard W27954
 41 STATE HEALTH (CIRCLE BOX) COUNTY NAME COUNTY NO.
 MO. DAY YR. 042678
 DATE APPROVED BY: Donald W. Monaghan, Sanitaria
 43 48

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6
 HEALTH 63
 A25944

C 1 **0612** SEQUENCE NO. (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION
FILL IN THIS FORM COMPLETELY
 COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 6/2/78 DATE WELL COMPLETED 6/2/78 DEPTH OF WELL 120 (TO NEAREST FOOT) 22 26
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 116-13-2764
 28 29 30 31 32 33 34 35 36 37
 DRILLERS IDENTIFICATION NO. _____

OWNER LAST-NAME Smith, Robert FIRST NAME Robert
 STREET OR RFD 25th Street POST OFFICE 110

WELL LOG
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING.

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top soil	0	2	
Shaly	2	15	
Loam bt	15	120	✓
The State	108	120	

GROUTING RECORD
 WELL HAS BEEN GROUTED. (CIRCLE APPROPRIATE BOX) YES NO
 TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY
 NO. OF BAGS 8 NO. OF POUNDS 800
 GALLONS OF WATER 40
 DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 38 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD
 INSERT APPROPRIATE CODE BELOW
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 12 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 120

OTHER CASING (IF USED)
 DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD
 INSERT APPROPRIATE CODE BELOW
 STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

C 2 (SEQ. NO.)
 DEPTH (NEAREST WHOLE FOOT) FROM _____ TO _____
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51
 SLOT SIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN 10 (NEAREST INCH) FROM _____ TO _____
 GRAVEL PACK _____
 IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

C 3 (SEQ. NO.)
PUMPING TEST
 HOURS PUMPED (TO NEAREST HOUR) 2
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 30
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 30 (NEAREST FOOT) WHEN PUMPING 120 (NEAREST FOOT)
 TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) _____
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO
 CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 ABOVE BELOW
 LAND SURFACE (NEAREST FOOT) _____

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES
 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.
 ELECTRIC LOG OBTAINED.
 TEST WELL CONVERTED TO PRODUCTION WELL.

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME (PLEASE PRINT) L.F. Easterday
 SIGNATURE L.A. Easterday

APPLICATION

A 25944

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. | 4 B.R. DISTRICT 4th
ENVIRONMENTAL HEALTH SERVICES 1000 gal. septic tank | 1250 gal. septic tank DATE 5/27/77
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Drywell and trench system to have

195 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 3 1/2 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 9 ft. below original grade. Place the drywell 95 ft. from the front lot line and 95 ft. from the left side line as seen when facing the property from Florence Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance. NOTE: Call for inspection of trench before gravel is installed. NOTE: No trenches exceed 100 ft. in length, space trenches parallel to their gravel depth apart and connect the trenches in series.

ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Hubert Snapp, Inc.

ADDRESS 25641 Ridge Road, Damascus, Md. 20750 PHONE 253-2857

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 1

ROAD AND DESCRIPTION Florence Road

SIZE OF LOT 2 acres more or less TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Hubert Snapp

APPROVED BY Frank Sheiner FOR Drywell and trench DATE 1/17/78
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

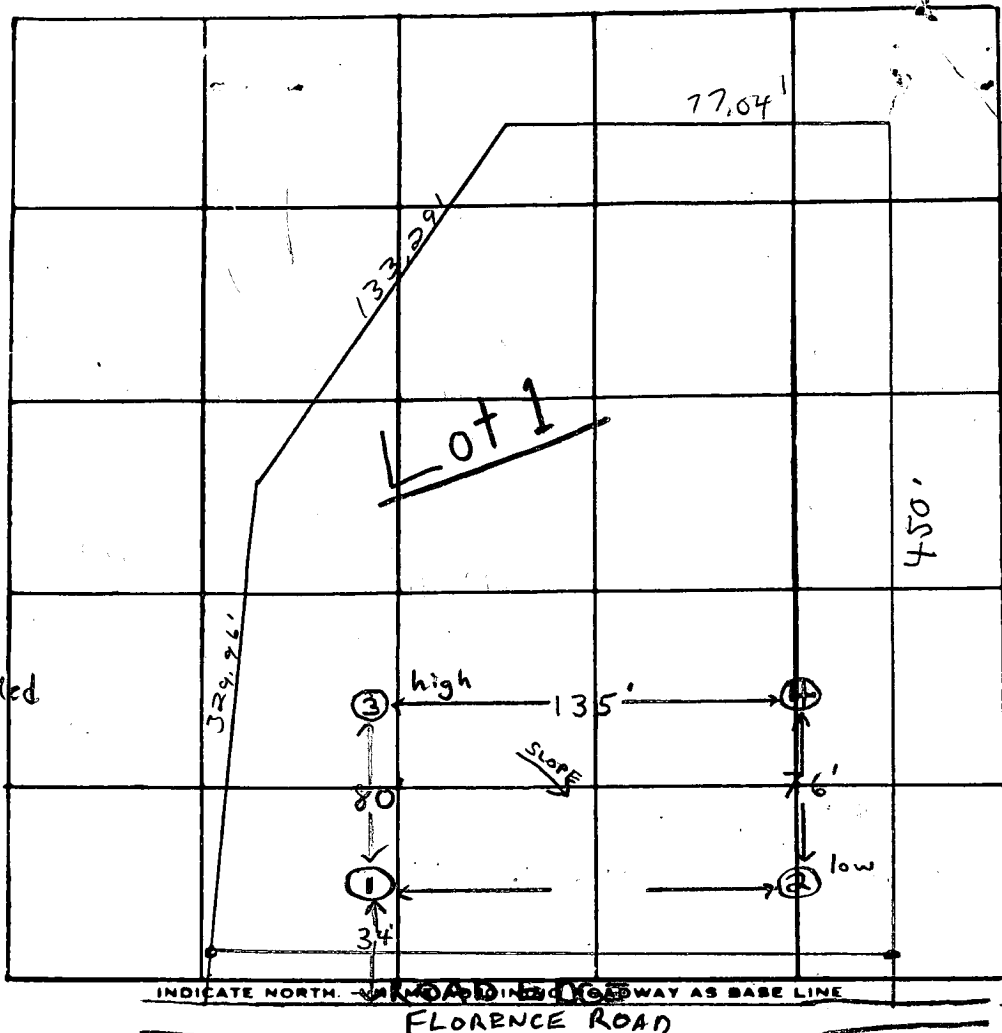
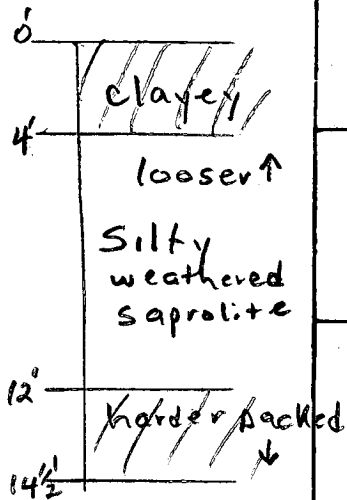
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED AND RETURNED 6/13/78

serial # 35933

THIS IS NOT A PERMIT

all holes



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/23/77	①	4'	10:04	pulled peg	10:34	3/4" drop	FAILS	
	①A	14 1/2'	10:06	10:33	10:33	pulled peg at 11:03 ~ 1/2" drop	FAILS	
	② low	3'	10:13	pulled Peg	10:42	1/2" drop	FAILS	
	2A	13'	10:14	10:27	10:27	10:47	20 min	
	3 high	3'	10:18	10:36	10:36	11:06	30 min	
	3A	14'	10:45	10:52	10:52	11:01	9 min	
	4	13 1/2'	Clayey to ~4' silty weathered saprolite below					
	1B	5'	10:22	10:30	10:30	10:42	12 min	
	1C	13'	10:27	10:36	10:36	11:00	24 min	
	2A	5'	10:38	10:50	10:50	11:18	24 min	

20 min avg
195 SQFT/B.R.
in let 4 1/2'

REMARKS

TYPE OF SOIL

Clayey to ~4'; silty weathered saprolite below

TESTED BY

F.S.

ALSO PRESENT:

Mr. Snapp, Sr. Harrison Myers

Lot I - Florence Estates
Plat # 3863

LOT # I
 92,637 #

6/8/78
 394' +
 Stretched Out
 H. S. S.

Assumed Elevations

Water Well Elevation = 606'

well
 0

Finish First Floor Elev. = 609'
Base Floor Elev. = 600'

Ink. Elevation = 604'

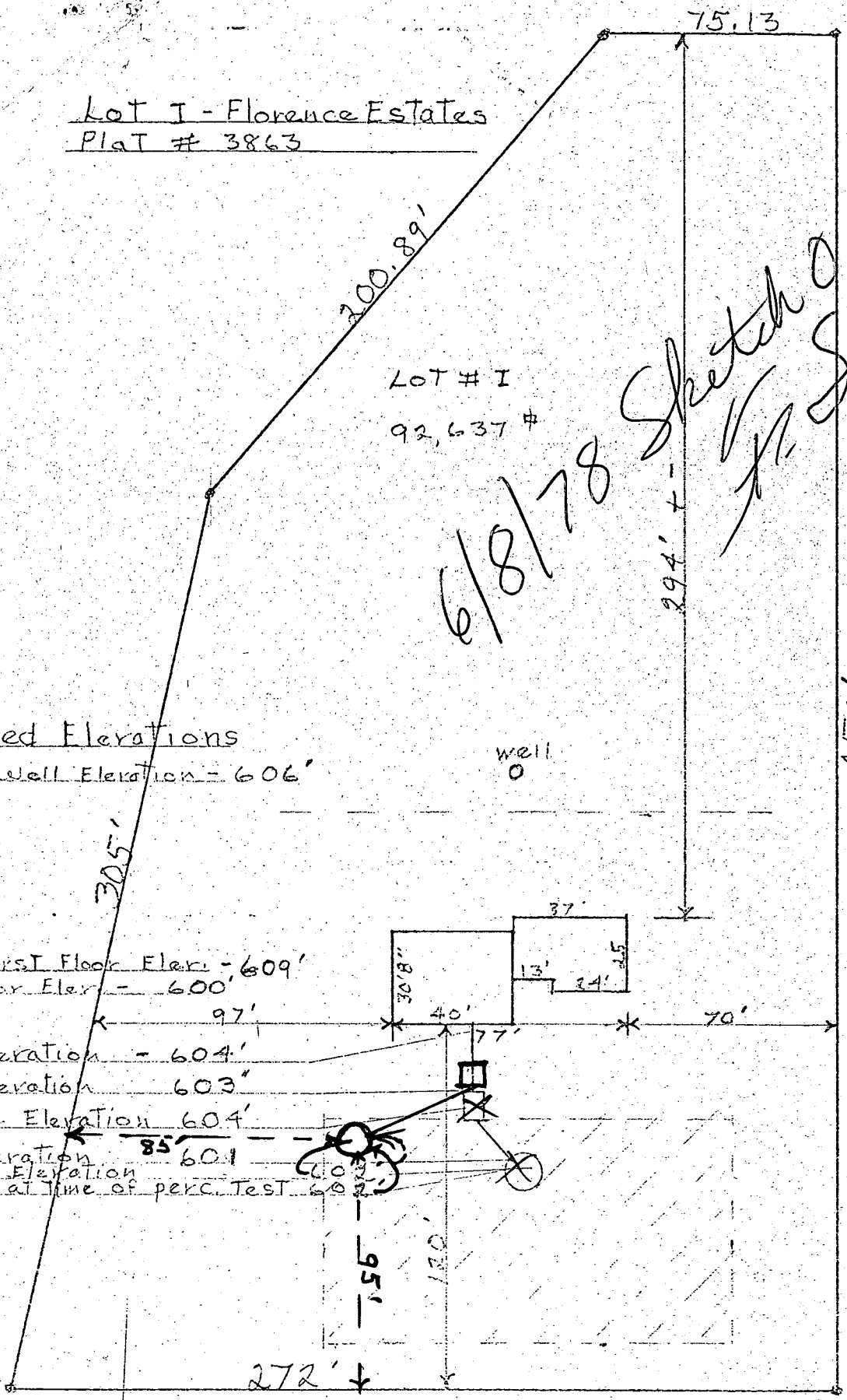
INK. Elevation 603"

Existing Elevation 604'

Ink. Elevation 601

Existing Elevation

Elevation at time of perc. Test 602'



Florence Rd.

I certify the above measurements and elevations are actual and correct for this property Signed: Hubert E. Snapp