

11-13-90
11:30pm

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-348818

DATE 04/18/90

DATE SYSTEM APPROVED 11/16/90

INDEXED

INSPECTOR M. RIFKIN

Walter W. King Plumbing & Heating Contractors IS PERMITTED TO INSTALL X ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21701 PHONE 1-301-662-6990

SUBDIVISION Ellerslie Estates ROAD 3136 Ellerslie Court LOT 7

OR GLEN MANOR

PROPERTY OWNER Fulte Homes Mr. + Mrs. Robert Bowen

ADDRESS _____

* PUMPED SEPTIC SYSTEMS: INSTALL 1000 GALLON PUMP PIT WITH ALTERNATING EFFLUENT PUMPS AND ALARMS. *

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210
71840
230 ft

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 355 ft. from the front (461.82') lot line and 40 ft. from the right lot line as seen when facing the lot from Ellerslie Court. Run trenches on contour toward the rear lot line.

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

11-13-90 No pumps necessary. Gravity flow from septic tank to distribution box. Trenches 1-3 have about 20 ft of elevation difference along length of trench. JEN

PLANS APPROVED BY Sid Abell cm DATE 05/23/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

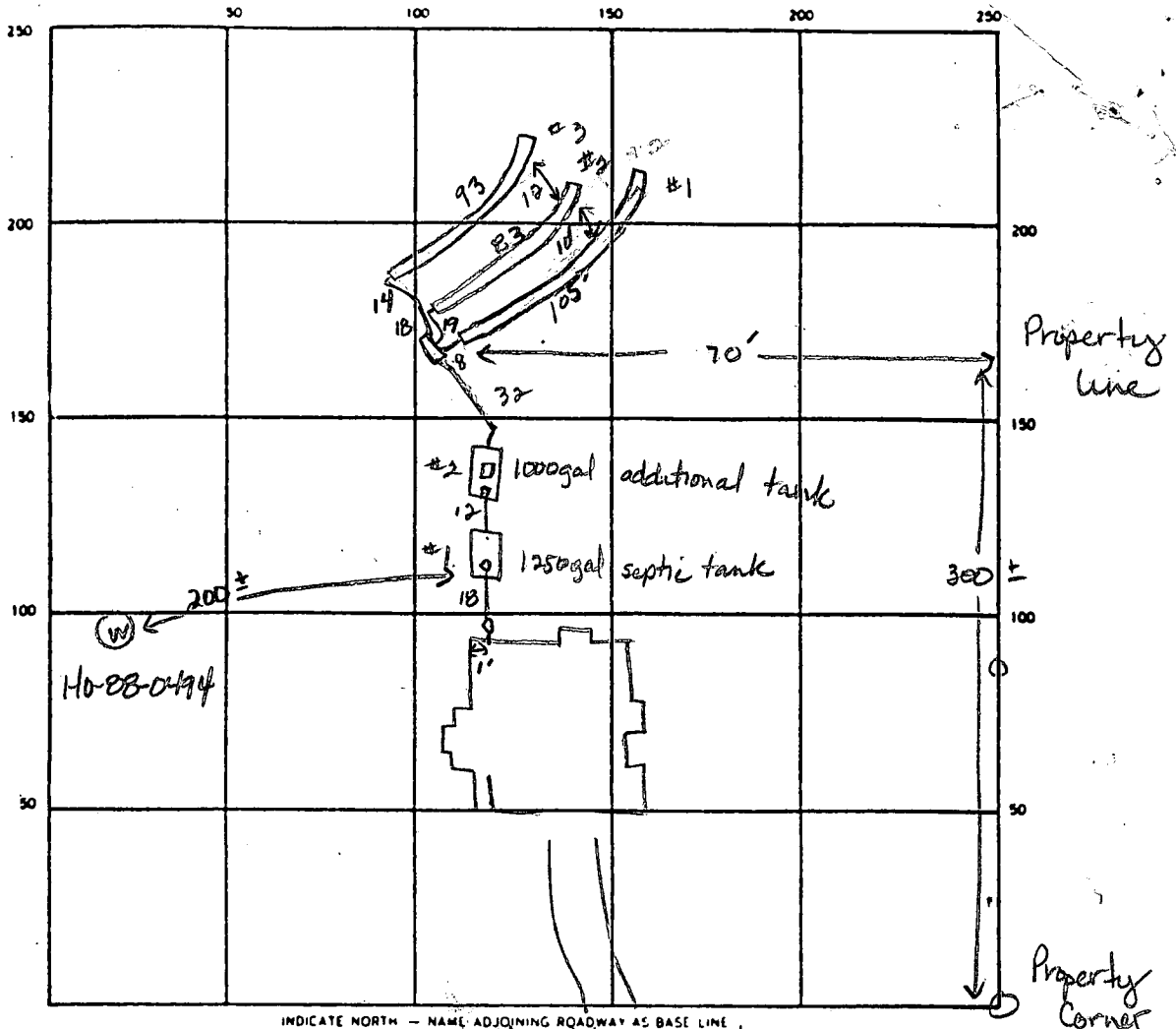
NOTE DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED AND RETURNED 9/12/90
Serial # 670102219-

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS. *Inground pipe*

A 31120



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Ellershe Court

SEPTIC TANK LEVEL #1 1250 gal
#2 1000 gal

CLEANOUTS ^{EA.} at house, long tank, MANHOLE ON #2

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD. DEPTH 5.5 FT TRENCH WIDTH 3 FT INLET DEPTH 4 4 3.5 FT

EFFECTIVE GRAVEL DEPTH 1.5 1.5 2 FT TOTAL LENGTH 105 83 93 FT

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 315/249/279 SQ FT

DRYWELL INSIDE DIAMETER _____ FT EFFECTIVE DEPTH BELOW INLET _____ FT

ABSORBENT AREA 843 SQ FT

REMARKS 11-13-90 OK to cover trenches. Ok to use gravity flow from tanks to distribution box. Let the pump chamber left in place, install inlet & outlet baffles w/ clean out over inlet. JEN 11/16/90 BAFFLES & C/O INSTALLED ON 2nd S.T.; ALL WORK OK TO COVER

DATE SYSTEM APPROVED 11/16/90

INSPECTOR M. Rifkin

APPLICATION

Prel.

A 31120

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

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

DISTRICT FOURTH

DATE JANUARY 19, 1981

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 MR. WILLIAM MITCHELL

ADDRESS 13071 TRIADELPHIA ROAD, ELLICOTT CITY, MD. 21043 PHONE 988-9207

PROPERTY LOCATION:

SUBDIVISION ROSEBAR LOT NO. 21

ROAD AND DESCRIPTION NORTHWESTERLY CORNER AT THE INTERSECTION OF BURNTWOODS ROAD AND HOBBS ROAD.

SIZE OF LOT 3 Ac. +/- TYPE BLDG. SINGLE FAMILY

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.

SIGNATURE OF APPLICANT Chesley J. Crow Jr.

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS Stephen S. Hill DATE 1/26/81

REASONS FOR REJECTION OR HOLDING Wet season test, winter

THIS IS NOT A PERMIT

#7 5/15/81

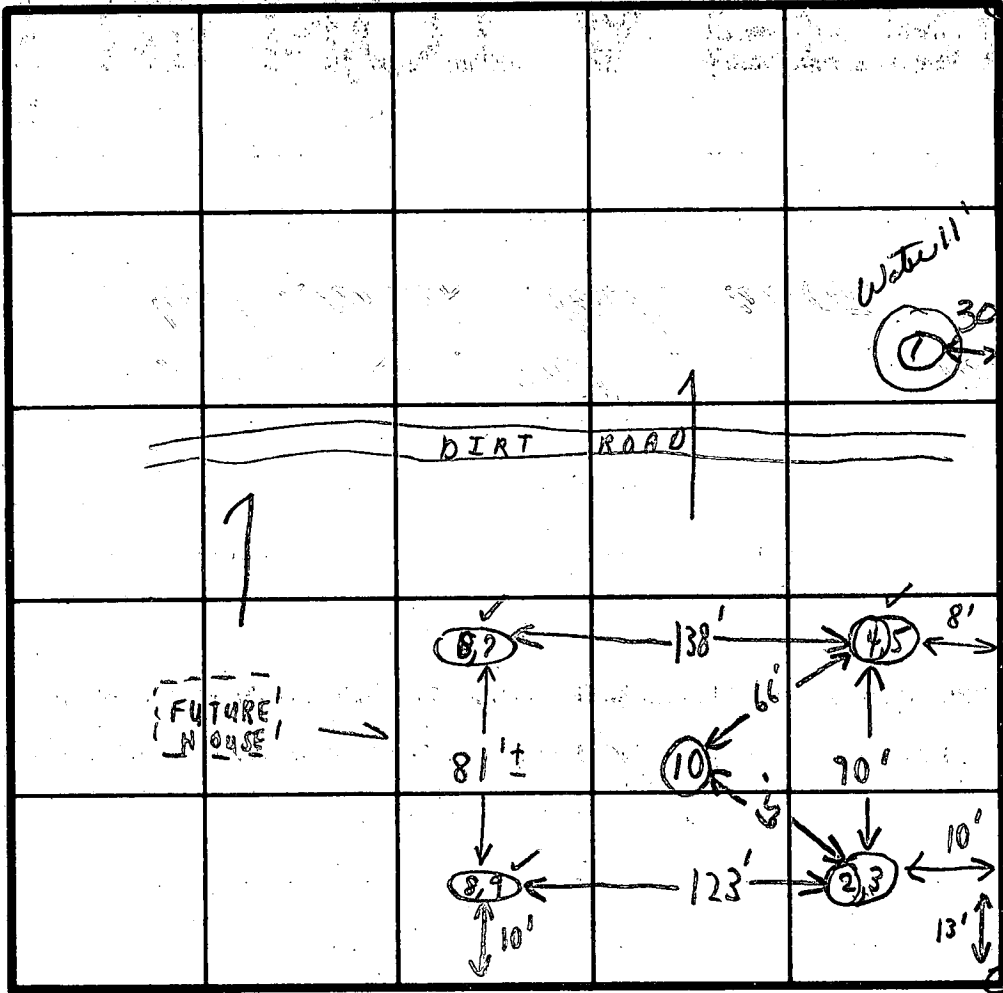
Core 21/22

#21

SOIL PROFILE

SEE EACH HOLE BELOW

↓



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Proposed R/W

SOIL PROFILE

DATE	TEST NO.	DEPTH	11:10 PRE-WET START	11:15 STOP	11:15 TEST START	11:28 STOP	13:00 TIME
4/26/81	①	11'	WATER				
1'-5" CLAY	② A	3 1/2'	9:41	9:58	9:58	10:10:24	4 1/4" moist
5 1/2" loam to 12'-8"	C.B.S. 3	8 1/2'	9:40	9:42	9:42	9:49	7 min
1'-4" CLAY	④ A	3'	9:43	10:00	10:10	3/4" @ moist	x x
4" loam to 12'	5	7 1/2'	9:43	9:50	9:50	9:59	9 min
1'-3 1/2" CLAY	6	12' 9" TEST	10:00	10:03	10:03	10:07	4 min
3 1/2" loam to 12'	7	3 1/2'	9:51	9:59	9:57	10:08	11 min
1'-4" clay	⑧ A	4'	9:48	9:58	9:58	10:10:28	8 x 3/4" moist
4" loam to 13'	9	8 1/2'	9:47	9:52	9:52	10:02	10 min {3/4" moist}
	⑥ B	4 1/2' test	10:29	10:38	10:38	10:xx	xx, {11.07}
	4 B	4'	10:13	10:26	10:26	10:54	28 min
1'-4" clay	10	13' "E TO E" Visual	4 1/2" - 13" LOAM				

REMARKS (ALL HOLES SIMILAR ELEVATION)

8 B.M. 4 1/2' 10:31 10:39 10:39 10:53 14 min

TYPE OF SOIL 1/27/81 C.B.S.

TESTED BY SK 1/26/80

ALSO PRESENT G. CROWD SKIP + BOB OF Fyock

C1 2331

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 COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 31120

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER, STREET OR RFD, SUBDIVISION, SECTION, LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED...

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries for Top Soil, Red clay, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD casing types insert appropriate code below, STEEL, CONCRETE, PLASTIC, OTHER.

MAIN CASING Nominal diameter, Total depth, CASING TYPE, (nearest inch), (nearest foot).

OTHER CASING (if used) diameter, depth (feet).

SCREEN RECORD screen type or open hole, insert appropriate code below, STEEL, BRASS, HOLE, OPEN, HOLE, PLASTIC, OTHER.

DEPTH (nearest ft.) grid, SLOT SIZE, DIAMETER OF SCREEN (NEAREST INCH).

CIRCLE APPROPRIATE LETTER 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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO., DRILLERS SIGNATURE, 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.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

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, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.

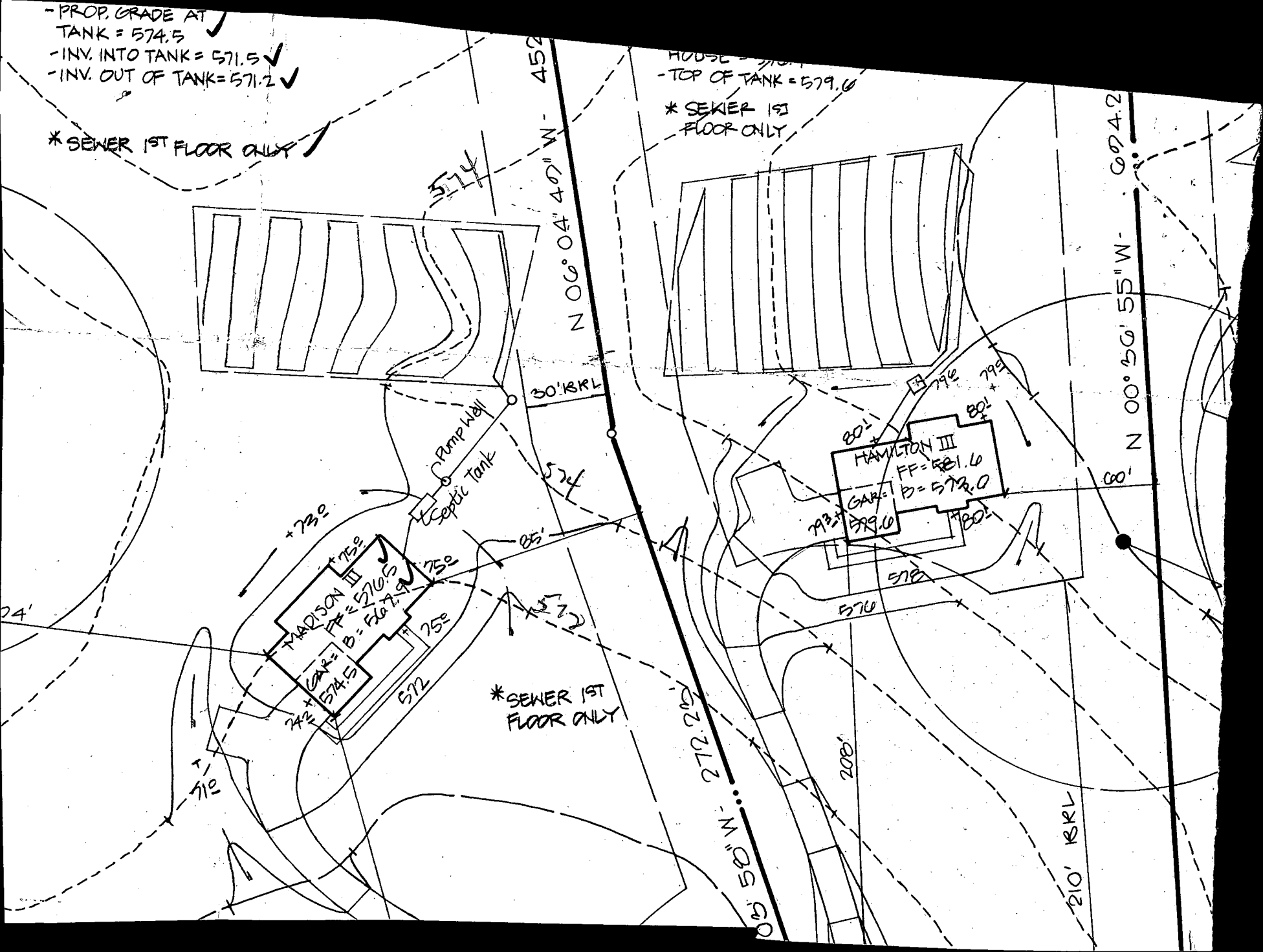
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). Includes handwritten diagram and notes.

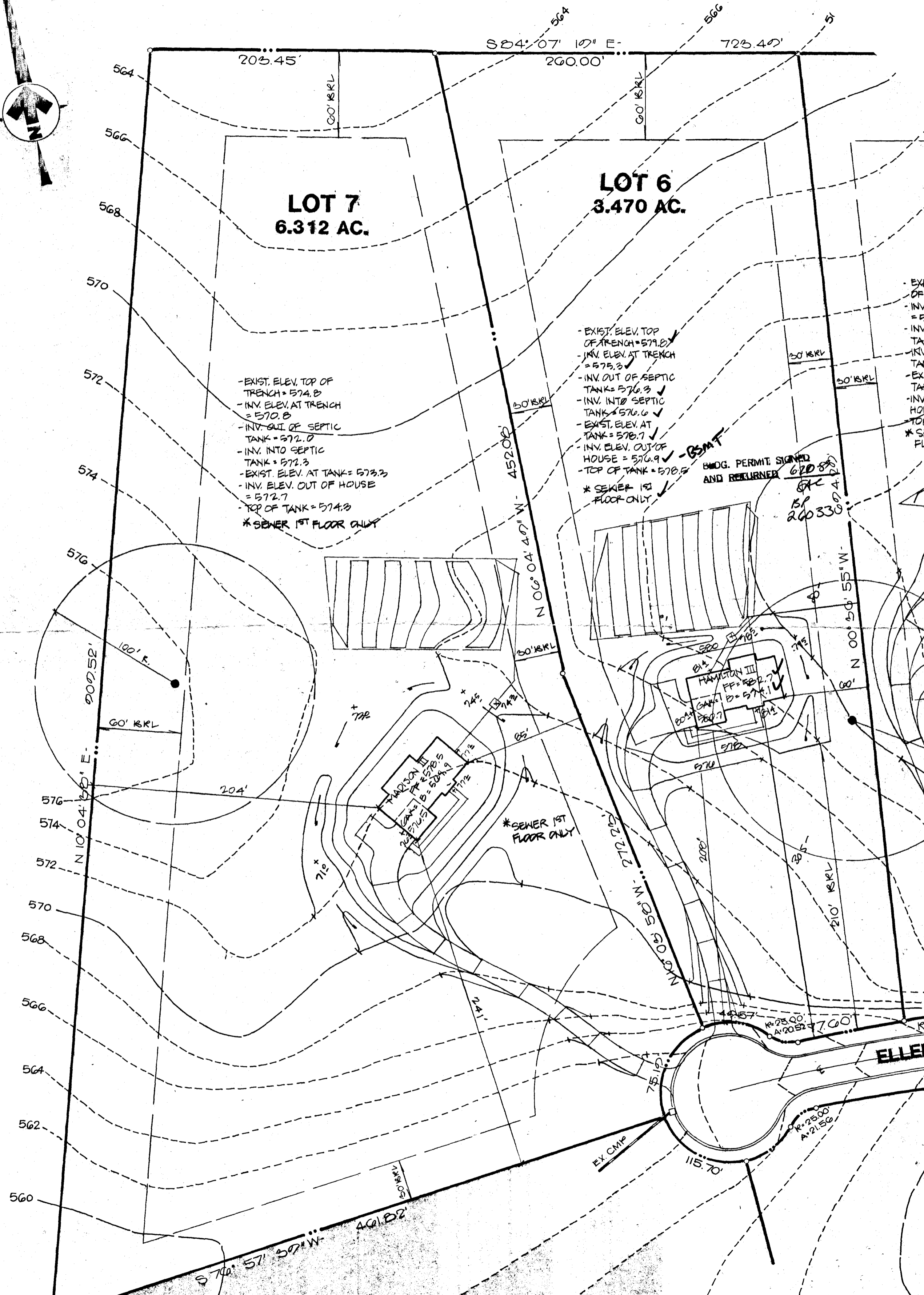
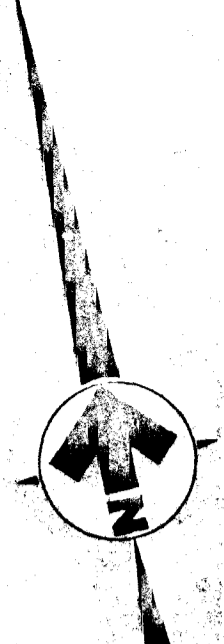
-PROP. GRADE AT TANK = 574.5 ✓
-INV. INTO TANK = 571.5 ✓
-INV. OUT OF TANK = 571.2 ✓

*SEWER 1ST FLOOR ONLY ✓

HOUSE = 570.1
-TOP OF TANK = 579.6

*SEWER 1ST FLOOR ONLY





LOT 7
6.312 AC.

LOT 6
3.470 AC.

- EXIST. ELEV. TOP OF TRENCH = 574.8
- INV. ELEV. AT TRENCH = 570.8
- INV. OUT OF SEPTIC TANK = 572.0
- INV. INTO SEPTIC TANK = 572.3
- EXIST. ELEV. AT TANK = 573.3
- INV. ELEV. OUT OF HOUSE = 572.7
- TOP OF TANK = 574.3
- * SEWER 1ST FLOOR ONLY

- EXIST. ELEV. TOP OF TRENCH = 579.8
- INV. ELEV. AT TRENCH = 575.3
- INV. OUT OF SEPTIC TANK = 576.3
- INV. INTO SEPTIC TANK = 576.6
- EXIST. ELEV. AT TANK = 578.7
- INV. ELEV. OUT OF HOUSE = 576.9
- TOP OF TANK = 578.5
- * SEWER 1ST FLOOR ONLY

BUDG. PERMIT SIGNED AND RETURNED
62088
BP 260330

MADISON
FF = 578.5
GARAGE B = 504.9

HAMILTON III
FF = 572.7
GARAGE B = 574.1

ELLEN