

4/10/88

2 PM MOST OWNERS

04312783

4/4/89 AM

4-7-89 any time

42967

PERMIT

P _____

SEWAGE DISPOSAL SYSTEM

A 40498

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY

INDEXED

DATE 11/9/88

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED 6-28-89

SOUTH ON 94 BELOW FIREHALL
BLACK TOP DRIVEWAY 1 MILE ON RIGHT
SIGN - DANNES EXCAVATING
THEN LEFT ONTO GRAVEL DRIVE.

INSPECTOR C. M. e. b.

Charles Browning IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 16470 Ed Warfield Road, Woodbine, Maryland PHONE H-489-4126
972-3800 - Work

SUBDIVISION _____ ROAD 1874 Florence Road LOT Tax Map 7 Parcel 246

PROPERTY OWNER Charles Browning

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES X NO _____

232
310 ft trench
31928
309

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 232 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY SITE INSPECTION REQUIRED BEFORE BEGINNING INSTALLATION.

Beginning from the right rear lot corner, place the distribution box 480 feet down the right (2554.39') lot line and 600 feet off the right line as seen when facing property from Florence Road. Run ^(53')trenches along contour towards the left (679.23') lot line.

NOTE - 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 Bert Nixon DATE 2/17/88

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

BOG. PERMIT SIGNED
AND RETURNED 3/10/89
Serial #23958

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

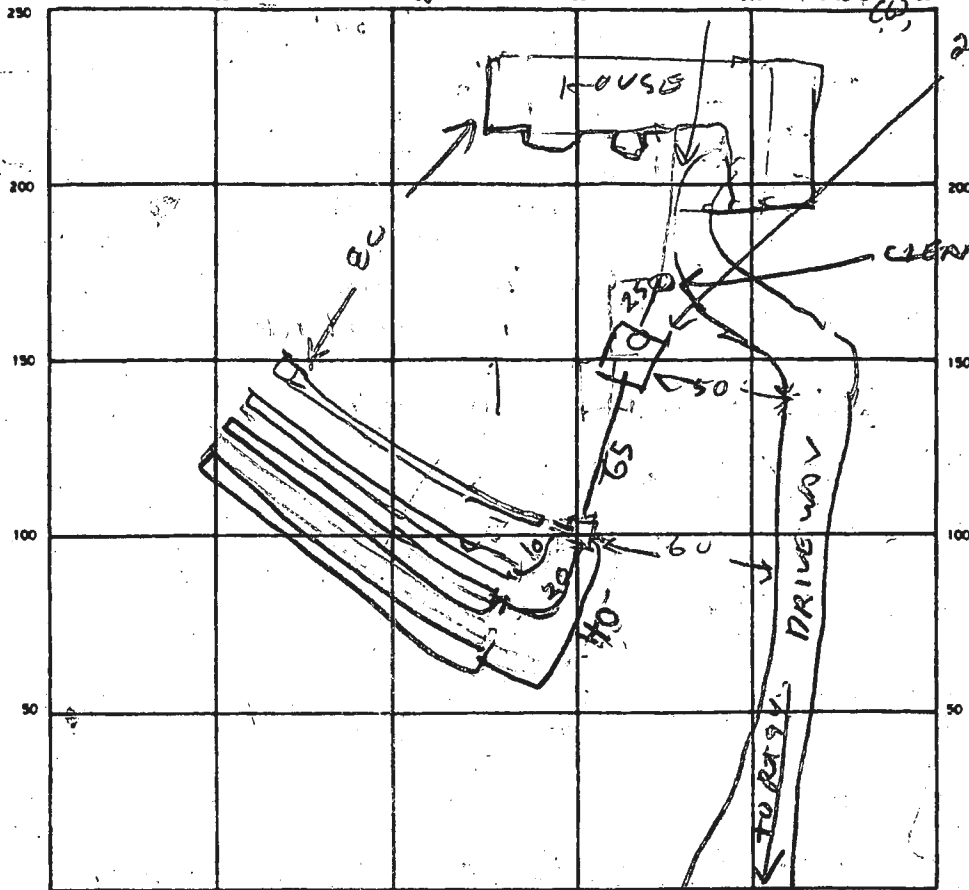
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS. 570 gal. propane tank

40498
86707

* HOUSE CONNECTION NOT OBSERVED
LOCATION UNCERTAIN

100 CONTRACTOR CONFIRMED COMPLETED UNDER SUPERVISION
200 OF OWNER

(W) H10-81-2560



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 2006 CLEANOUTS OK (Needs cap)

DISTRIBUTION BOX LEVEL ok w/ baffle (plug hole)

DRAIN FIELD/TILE FIELD. DEPTH	<u>1 2 3 4</u>	TRENCH WIDTH	<u>1 2 3 4</u>	INLET DEPTH	<u>1 2 3 4</u>	
	<u>2 2 2 2</u>		<u>3 3 3 3</u>		<u>3 3 3 3</u>	
EFFECTIVE GRAVEL DEPTH	<u>1 2 3 4</u>	FT.	TOTAL LENGTH	<u>24 90 90 90</u>		<u>279</u>
	<u>5 5 5 5</u>					<u>84</u>
						<u>354</u>
						<u>1062</u>

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 928 SQ. FT.

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

ABSORBENT AREA 1062 SQ. FT.

REMARKS H10-88 Met owner & builder on site. Agreed to a 150 x 70 ft. area extended toward 2554, 39 ft lot line, to facilitate driveway. Must stay 25 ft from steep slopes and no lower than lowest perc hole. JEN

4/4/89 - TRENCHES OK PUT MANHOLE ON TANK & HOOK TANK TO HOUSE R.H. 4-7-89 Must dig hole (opening in dist. box w/ cement. Manhole is an aluminum cylinder w/ steel cover. No house connections; open trenches. JEN

6/28/89. HOUSE CONNECTION CONFIRMED BY INSTRUMENT (MARTY FOR DRAWING) CC

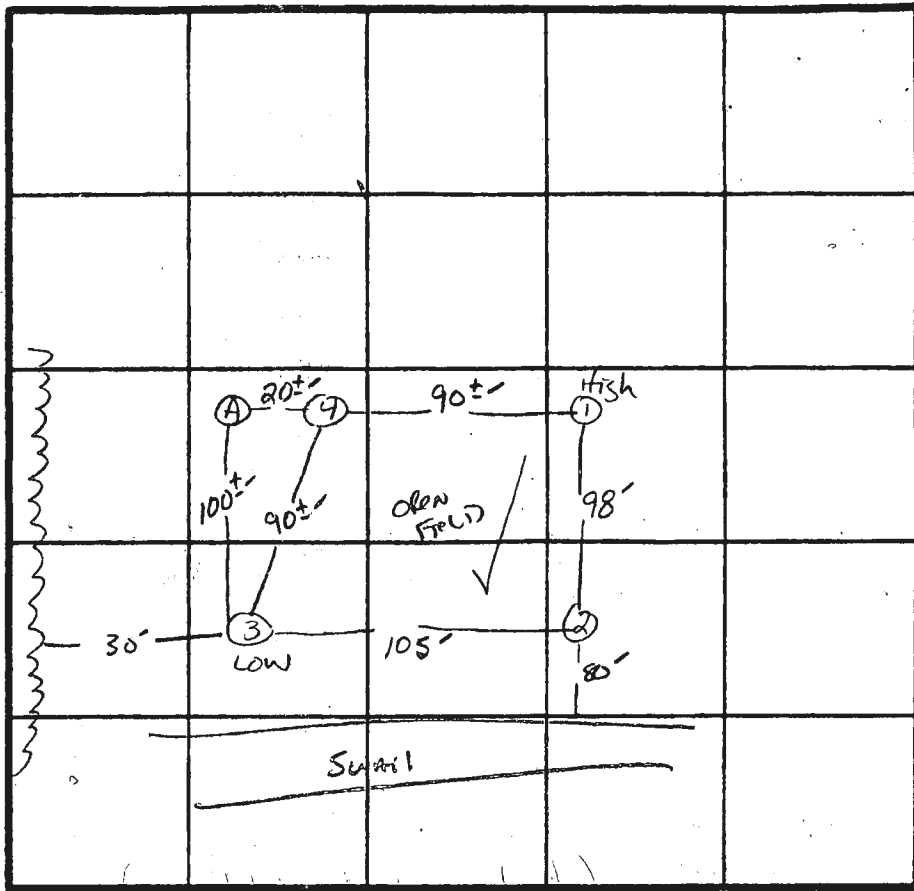
DATE SYSTEM APPROVED 6/28/89 INSPECTOR Callin

① ②
SOIL PROFILE

0
8" AP
Yellow Br
Silt Clay loam
15-20%
Shaly frags
Sticky

3'
Yellow Br
Silt loam
Shaly
20-30%
MASSIVE
AT ~12"
NO STRUCTURE
1/4" #1,

12.5



̄ Perc 9 min
190 Ø 1/2 in
TALOT BOTTOM
3.5" 5.5"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 94

③

0
8" AP
Yellow Br
Silty clay loam
<10% FRAGS

2"
Yellow Br
(golden)
Silt loam
15-20% shale
NO
STRUCTURE
NO
MASSIVE
SAPROLITE

12"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/14/87	1 S	4"	10:17	10:24	10:24	10:37	13 min	
	1 M	8"	10:17	10:20	10:20	10:26	6 min	
	1 V	12.5'	See Profile					
	2 S	3.5'	10:21	10:30	10:30	10:49	19 min	
	2 M	7.5'	10:25	10:28	10:28	10:35	7 min	
	2 V	12'	Some Red Brown silt loam at 8"-10" Similar to #1 w/ less shaly frags NO MASSIVE SAPROLITE					
	3 S	4"	10:34	10:39	10:39	10:46	7 min	
	3 M	8"	10:30	10:33	10:33	10:39	6 min	
	3 V	12"	See Profile					
	4 S	6.5'	10:40	10:42	10:42	10:47	5 min	
	4 M	6.5'	10:35:30	10:38:30	10:38:30	10:44	5.5 min	
	4 V	12"	See Profile					
	A'	STRUCTURED SILT AT 9" (ABANDON)						

④

0
8" AP
BROWN RED
Silty CL. loam
15-20% FRAGS

Brown silt
loam 25-35%
shaly frags

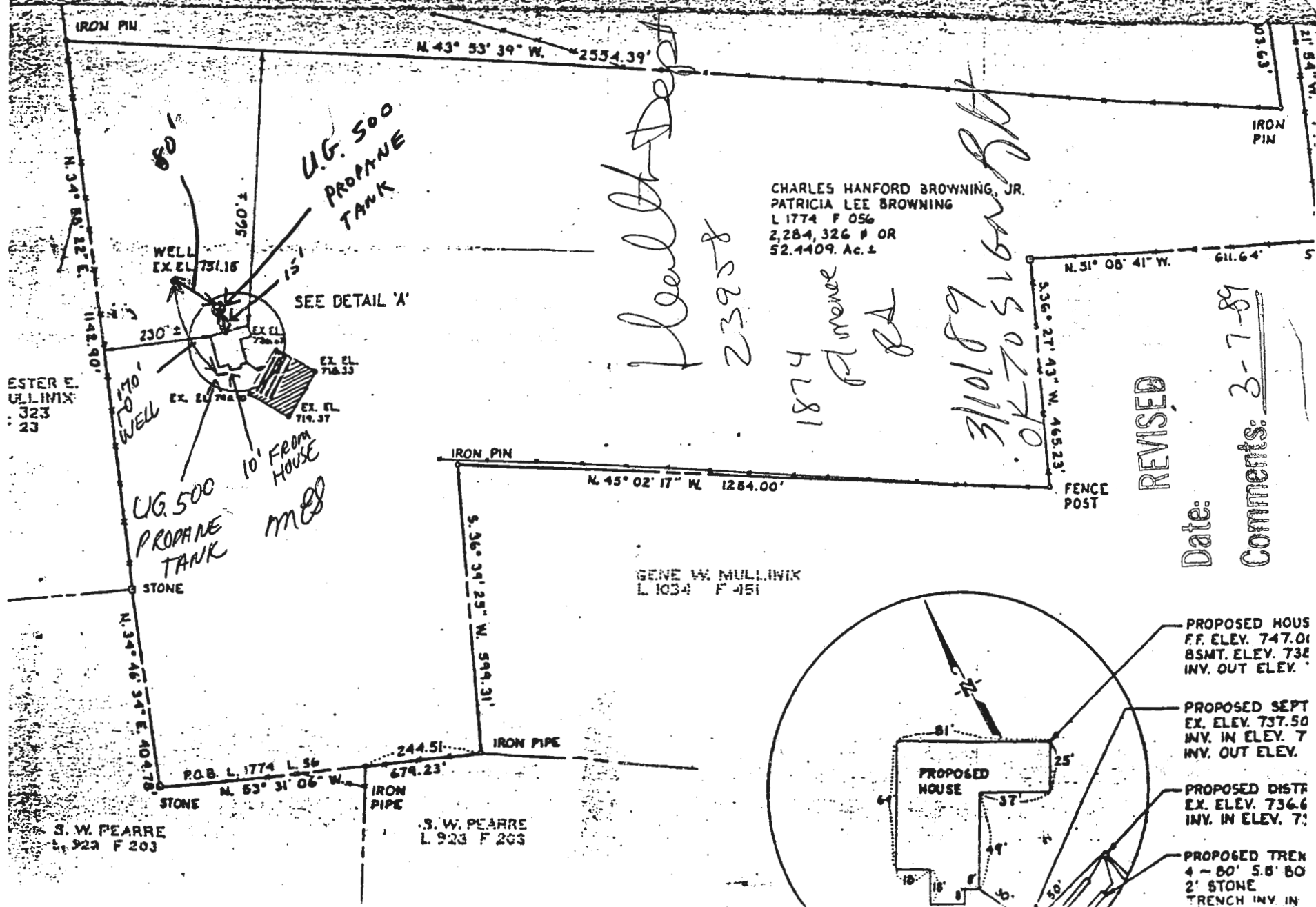
SMALL
MASSIVE AT
~10"

12"

REMARKS Shallow Syst only - NO VISABLE LOT LINES.

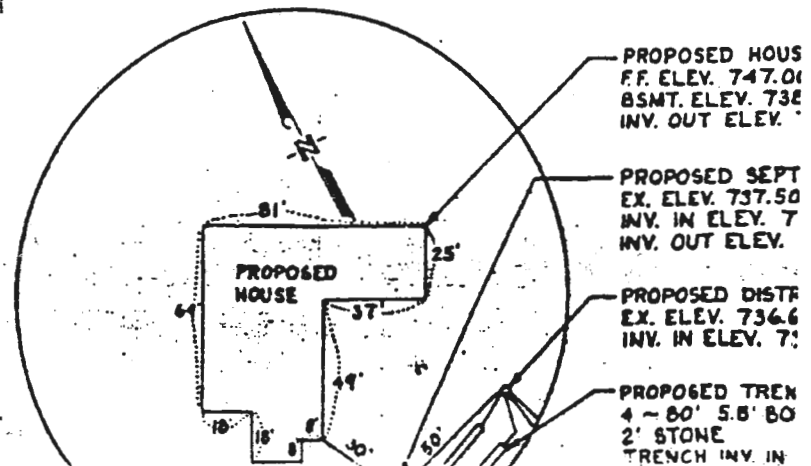
TYPE OF SOIL ME Airy

TESTED BY S. Abel ALSO PRESENT H. Sirk, Jr.



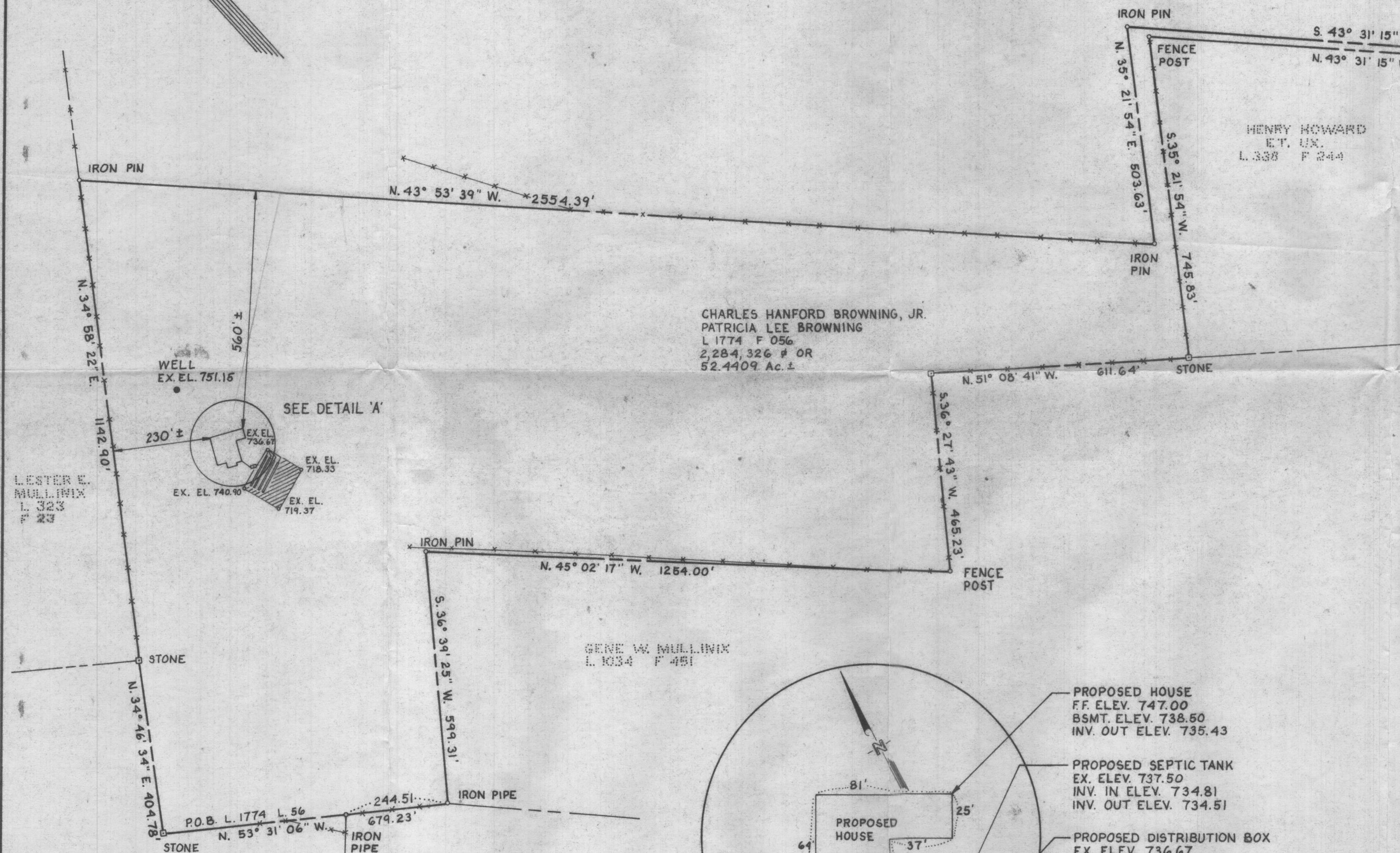
REVISED

Date: 3-7-89
 Comments: 3-7-89



EDGAR J. BARNER, JR.
ET. UX.
L. 535 F. 443

FLORENCE ROAD
(RTE. 94)



HENRY HOWARD
ET. UX.
L. 338 F. 244

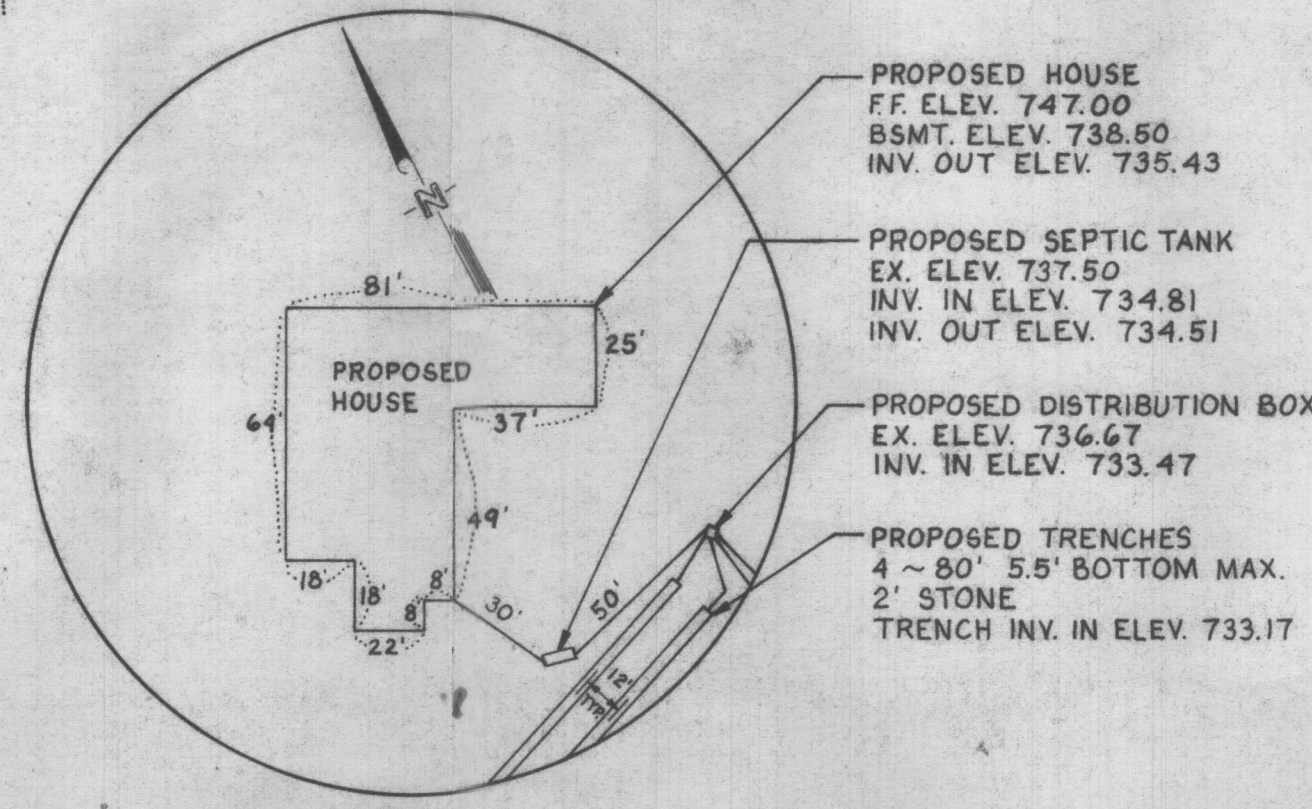
CHARLES HANFORD BROWNING, JR.
PATRICIA LEE BROWNING
L. 1774 F. 056
2,284,326 ± OR
52.4409 Ac. ±

GENE W. MULLINIX
L. 1034 F. 451

LESTER E. MULLINIX
L. 323 F. 22

S. W. PEARRE
L. 528 F. 203

S. W. PEARRE
L. 923 F. 203



- PROPOSED HOUSE
FF. ELEV. 747.00
BSMT. ELEV. 738.50
INV. OUT ELEV. 735.43
- PROPOSED SEPTIC TANK
EX. ELEV. 737.50
INV. IN ELEV. 734.81
INV. OUT ELEV. 734.51
- PROPOSED DISTRIBUTION BOX
EX. ELEV. 736.67
INV. IN ELEV. 733.47
- PROPOSED TRENCHES
4 ~ 80' 5.5' BOTTOM MAX.
2' STONE
TRENCH INV. IN ELEV. 733.17

DETAIL 'A'
SCALE: 1"=50'

PLOT PLAN
LANDS CONVEYED TO
**CHARLES HANFORD BROWNING, JR. &
PATRICIA LEE BROWNING**
LIBER 1774 FOLIO 56
SITUATED ON FLORENCE RD. (MD. RTE. 94)
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=200' APRIL 1988

VANMAR ASSOCIATES INC
Engineers • Surveyors • Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015