

1/6/99
A.M. -
cleanout check
1/7/99
+2.00
1.00

PERMIT

05-412153

SEWAGE DISPOSAL SYSTEM DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 51145

A 37517

DISTRICT 5th

DATE 12/10/98

DATE SYSTEM APPROVED 1/7/99

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

Earl Preston Jr., Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 2228 Engle Road, Fallston, Maryland 21047 PHONE 410-557-8100

SUBDIVISION Chapel Woods II LOT 21 ROAD 11807 Shepards Crossing Court

PROPERTY OWNER Donald E & Patricia T. O'Connor

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 330 feet from the front lot line (Court) and 110 feet from the right lot line as seen when facing the lot from Shepards Crossing. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok 4-17-98*

PLANS APPROVED BY Sid Abel/Mark Rifkin REVISED _____ DATE 040798

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

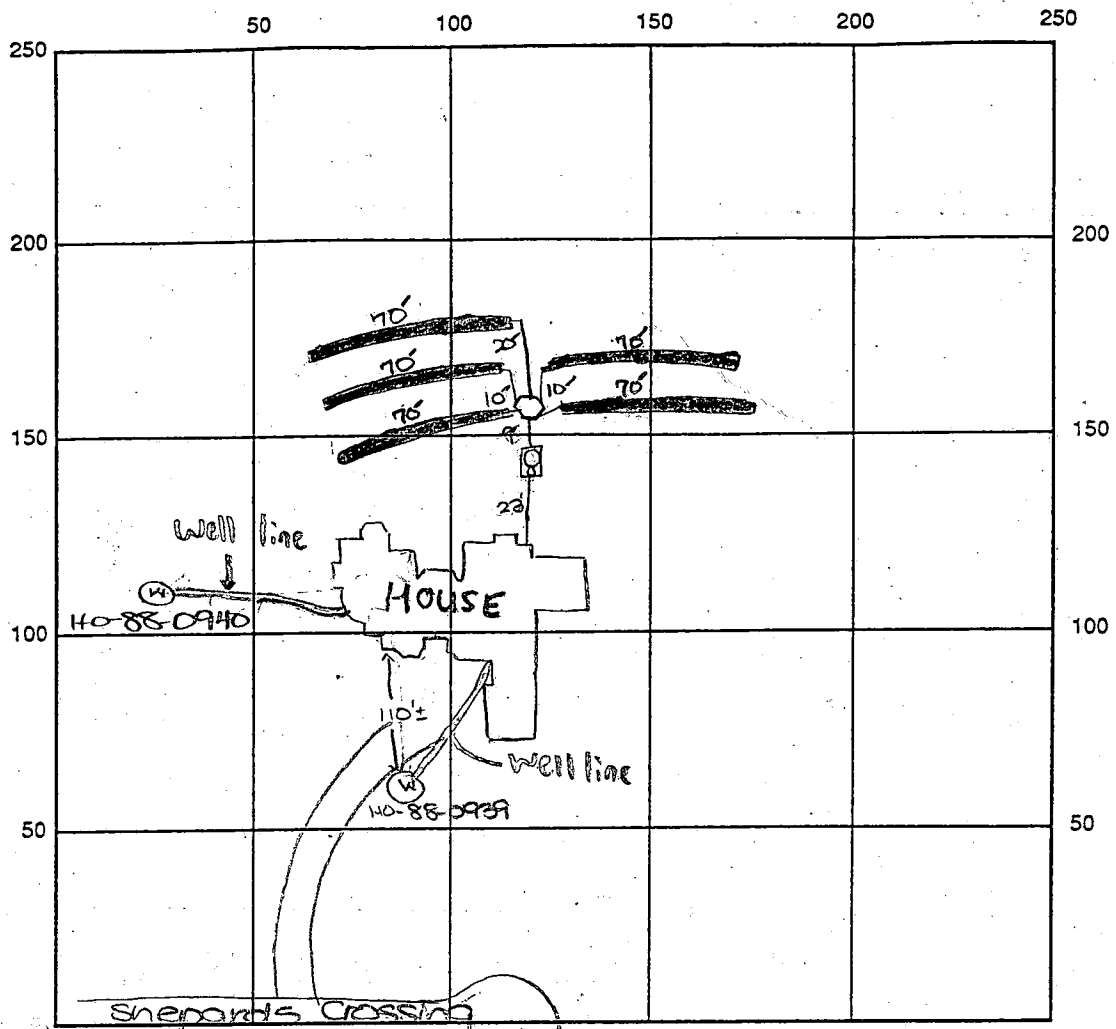
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



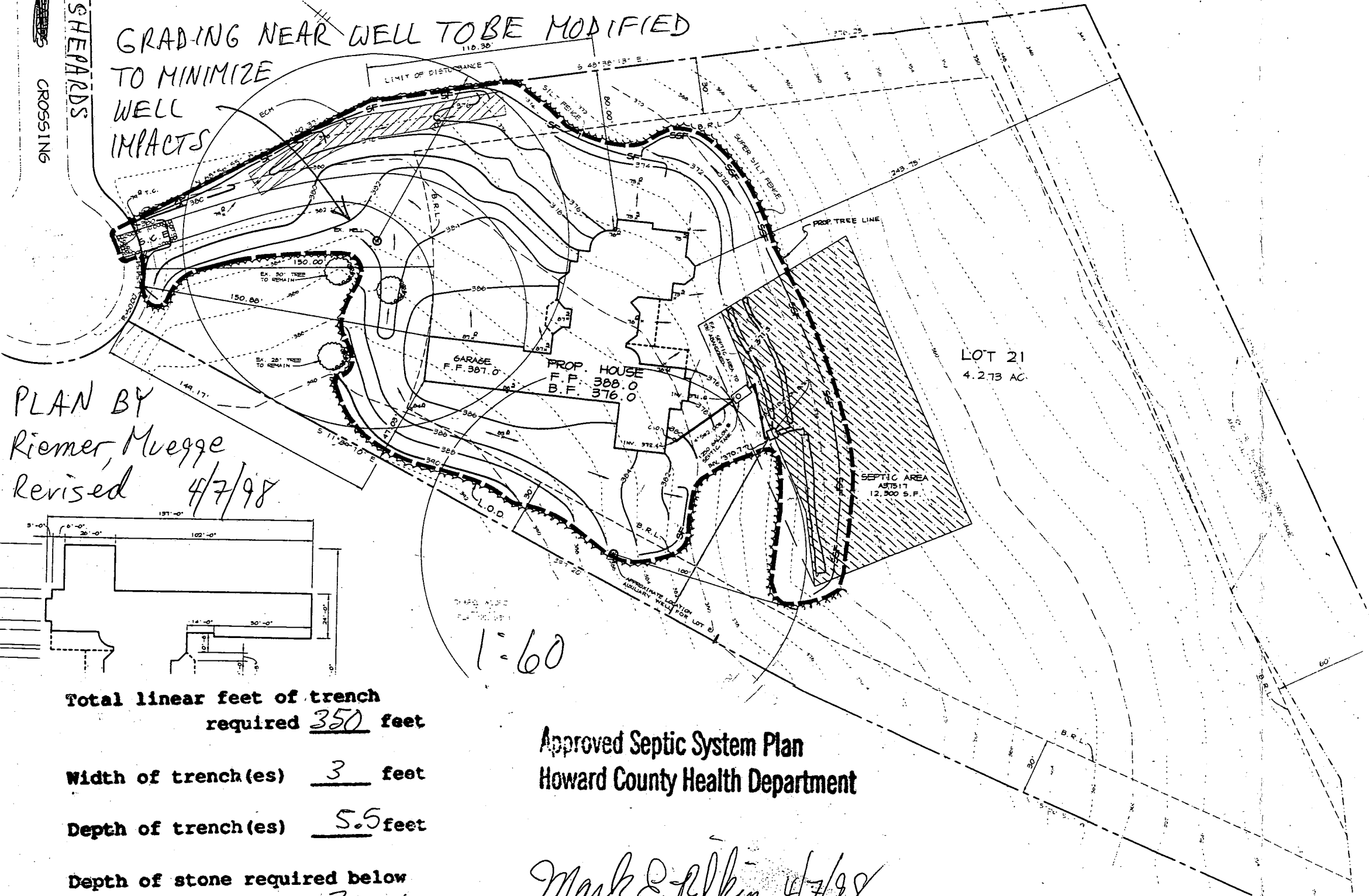
SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS c.o. & manhole on septic tank
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 5 x 70 FT. + 350'
 NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 1050 SQ. FT.
 DRYWALL INSIDE DIAMETER - FT. EFFECTIVE DEPTH BELOW INLET - FT.
 ABSORBENT AREA - SQ. FT.

REMARKS: 1/6/99 A.M. OK to begin installation as specified. D/S
1/7/99 P.M. FINAL INSP - OK to cover all work. D/S
3/27/99 - WPI OK FOR 88-0939 NOT OK FOR 88-0940 - (SRK)
1/18/00 - WPI OK FOR HO-88-0940 - (SRK)

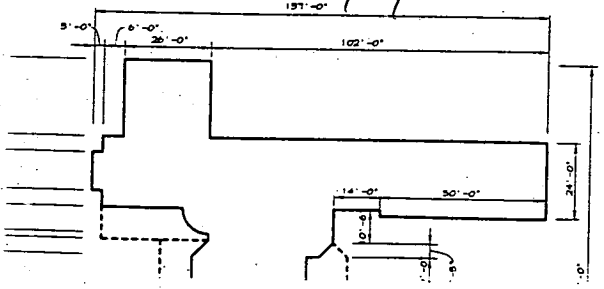
DATE SYSTEM APPROVED 1/7/99 INSPECTOR Douglas R. [Signature]

SHEPARD'S CROSSING

GRADING NEAR WELL TO BE MODIFIED TO MINIMIZE WELL IMPACTS



PLAN BY
Riemer, Muegge
Revised 4/7/98



1=60

Total linear feet of trench required 350 feet

Width of trench(es) 3 feet

Depth of trench(es) 5.5 feet

Depth of stone required below distribution pipe 2 feet

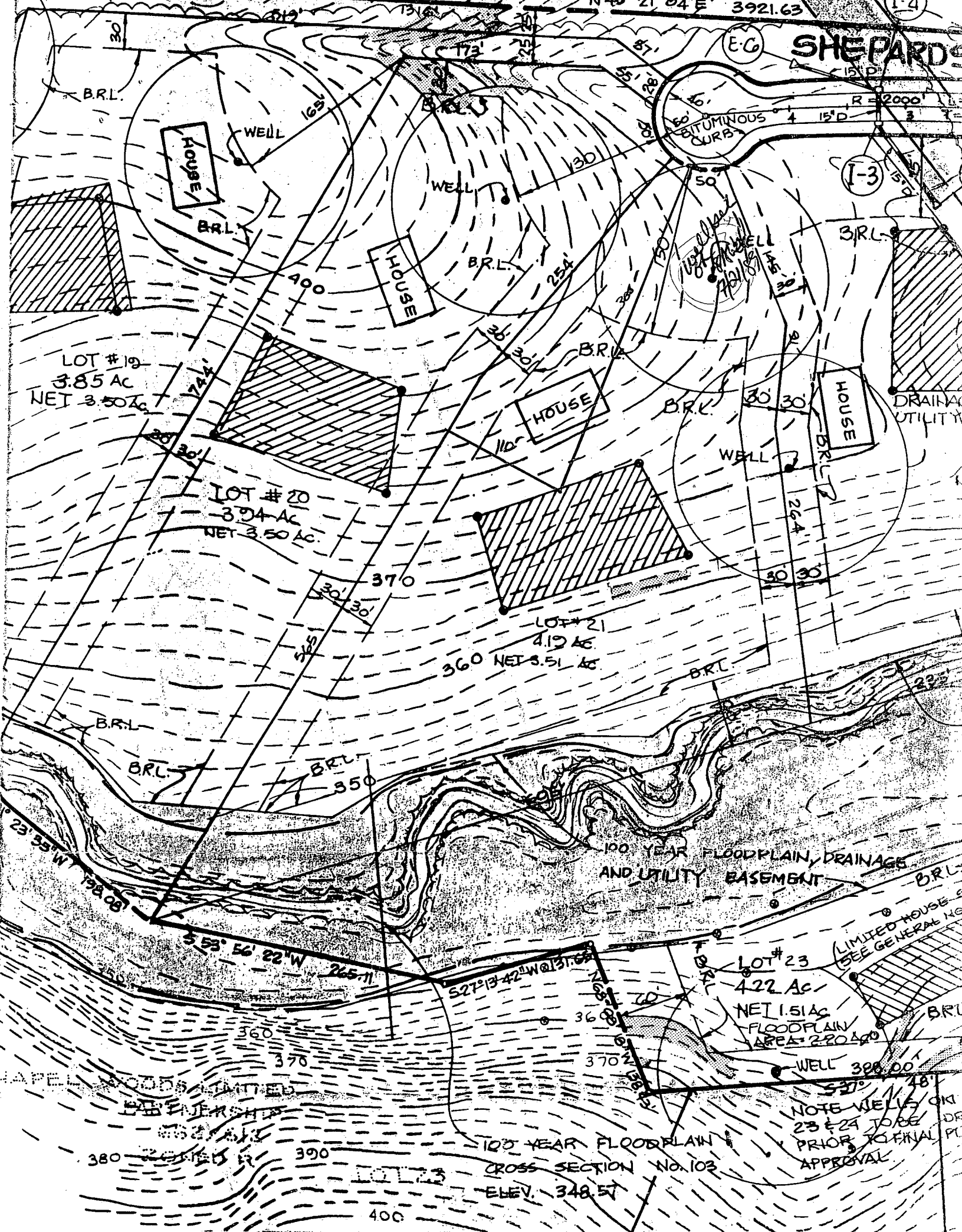
Approved Septic System Plan
Howard County Health Department

Mark E. Pflum 4/7/98
Signature Date

N 45° 21' 04" E 3921.63

(1-4)

SHEPARD



LOT #19
3.85 Ac
NET 3.50 Ac

LOT #20
3.94 Ac
NET 3.50 Ac

LOT #21
4.12 Ac
NET 3.51 Ac

LOT #23
4.22 Ac
NET 1.51 Ac
FLOODPLAIN AREA 2.20 Ac

100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT

100 YEAR FLOODPLAIN CROSS SECTION NO. 103
ELEV. 348.57

NOTE WELLS ON LOTS 23 & 24 TO BE DRILLED PRIOR TO FINAL PLAN APPROVAL

LAUREL WOODS LIMITED
DEVELOPERS

(1-3)

(E-G)

3 R.L.

HOUSE

DRAINAGE UTILITY

WELL

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

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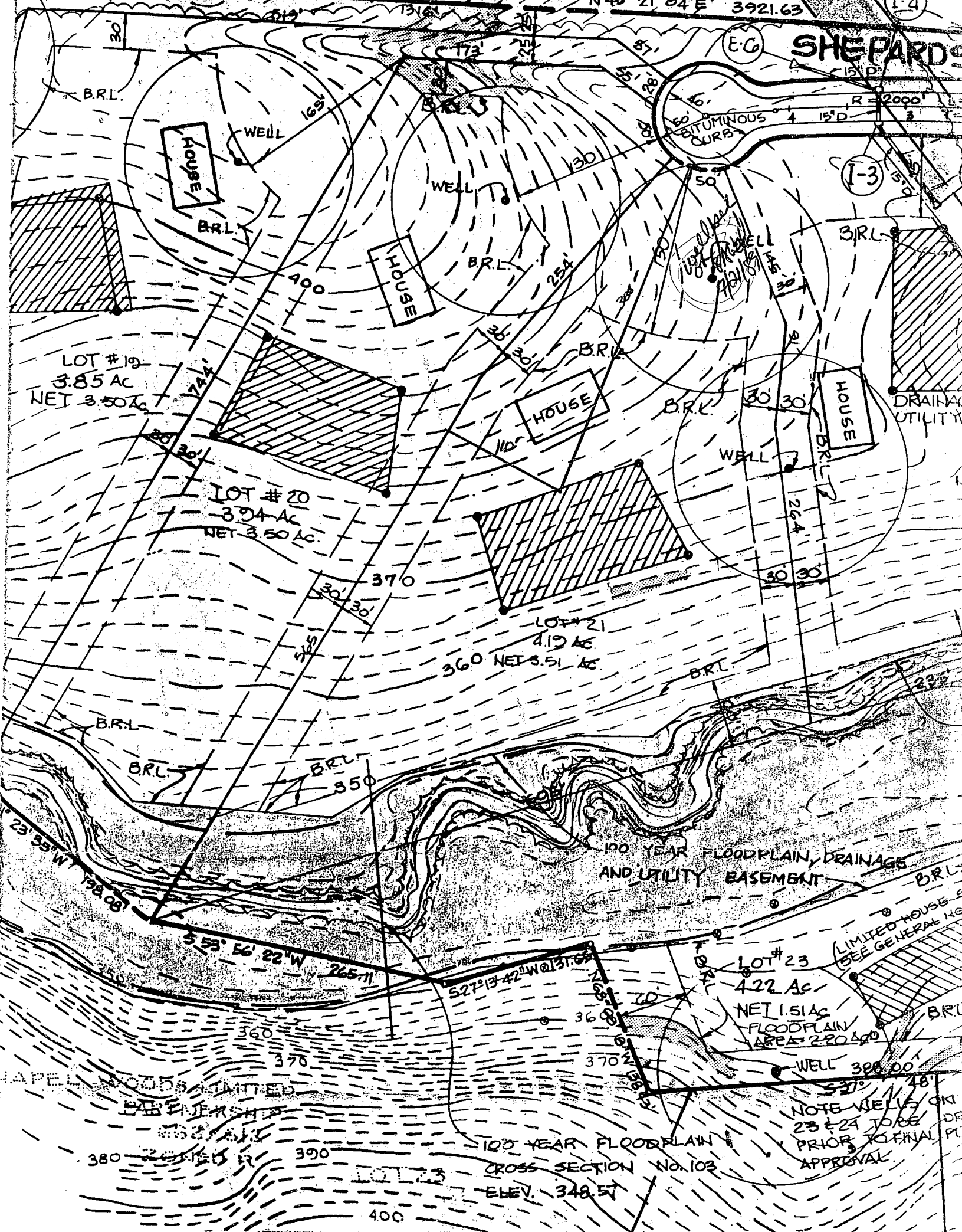
HOUSE

HOUSE

HOUSE

HOUSE

HOUSE



15.00'	02° 27' 16"	84.61'	08° 54' 04"	S 40° 34' 42" W	84.00'
25.00'	48° 11' 23"	21.08'	225° 11' 00"	S 71° 34' 02" W	20.41'
50.00'	87° 22' 40"	24.17'	114° 55' 30"	S 42° 11' 40" E	60.57'
25.00'	48° 11' 23"	21.08'	225° 11' 00"	N 28° 42' 30" E	20.41'
028.00'	06° 27' 16"	80.75'	02° 40' 40"	N 40° 34' 42" E	83.74'

