

Trench 8x8
12-7-95
10:30

Tax ID-04-351673

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50855

A 42460

DISTRICT 4th

DATE 9-1-95

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

313-2640

DATE SYSTEM APPROVED 12/8/95

INSPECTOR CW

INDEXED

Chris & Betsy Stokes IS PERMITTED TO INSTALL X ALTER

ADDRESS 17701 Dominion Drive, Sandy Springs, MD 20860 PHONE 301-774-8209

SUBDIVISION Country Springs LOT 7 ROAD 15031 Bushy Park Road

PROPERTY OWNER Chris & Betsy Stokes

ADDRESS _____

SEPTIC TANK CAPACITY 1500 ~~1250~~ GALLONS

NUMBER OF BEDROOMS 4

240 ~~300~~ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300 ~~240~~

BLDG PERMIT SIGNED

AND RETURNED 7-16-98

Serial # B17113131 - deck

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the right-hand lot corner at the flagstem, place distribution box 170' down the right lot line (542.80') and 90' off the right lot line (542.80') as seen when facing the property from Bushy Park Road. Run the trenches along the contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/1/95 DKS

LAYOUT - 2(two) 120' TRENCHES, 1500 GAL SPLIT-CHAMBER S.T.

PLANS APPROVED BY Craig Williams/Mark Rifkin DATE 6/5/90, 8/16/95

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

BLDG. PERMIT SIGNED

AND RETURNED 7/6/96

*Serial # 03375
500 gal propane tank*

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

A
42460

12/4/95

① 6'

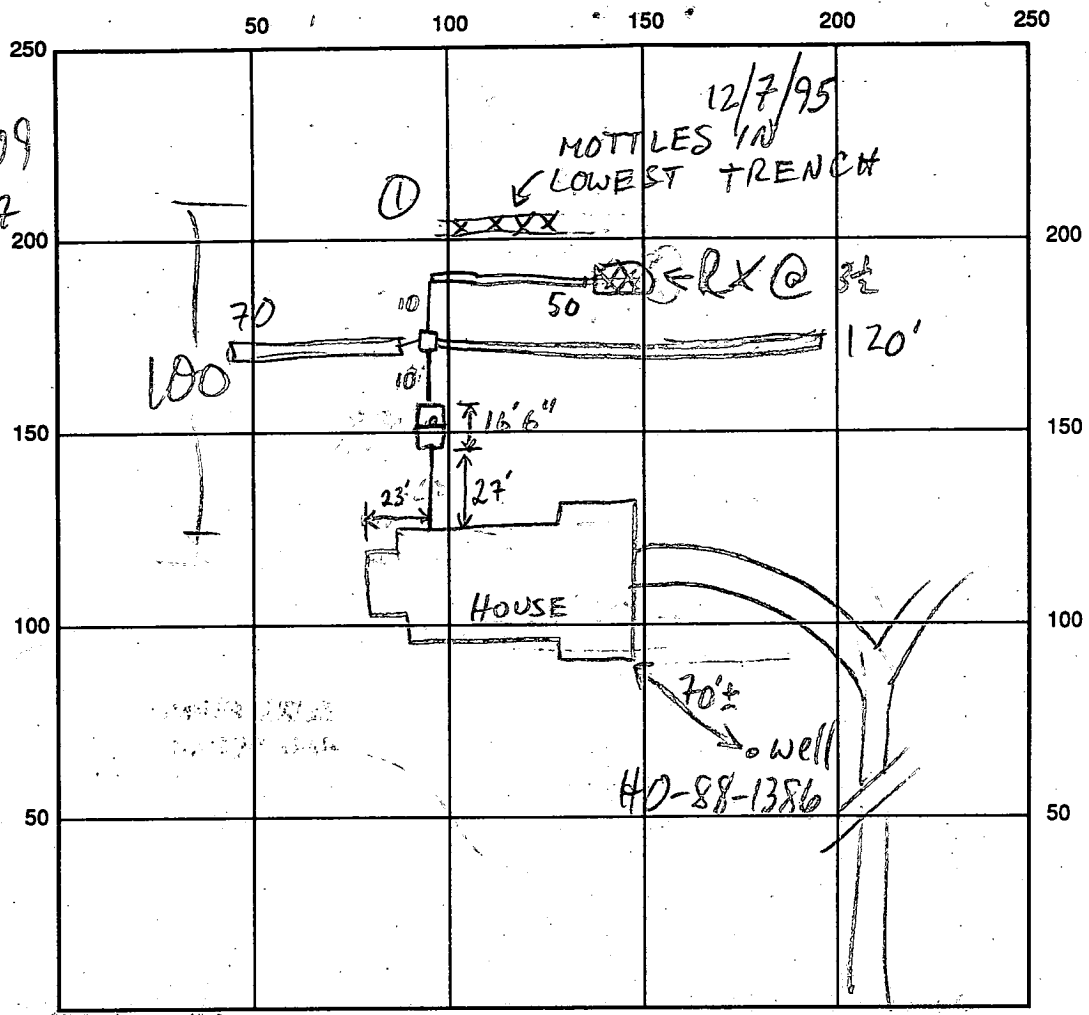
11:58 12:09

12:09 12:27
18 min

4 1/2' 5

yel brn
sl cl
lm

red brn
si mica
and
si lm
10-15% blk.
saprolite
frags



BUSHY PARK RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL (2 CHAMBER) CLEANOUTS OK 1 on tank

DISTRIBUTION BOX LEVEL OK, BAECE IN

DRAIN FIELD/TITLE DEPTH 1 1/2 1 3/4 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/4 4 1/4 FT.

EFFECTIVE GRAVEL DEPTH 4 1/4 1 9/16 FT. TOTAL LENGTH ① 120 ② 50 ③ 70 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA ① 480 ② 200 ③ 280 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 960 SQ. FT.

REMARKS: 12/4/95 MTG. IN FIELD FOR LAYOUT ADJUSTMENT - H.D. CONCERNED
ABOUT GRAVITY REPAIR AREA - AGREED TO ONE SPLIT-CHAMBER
1500 GAL S.T. FOR FUTURE PUMPING 12/6/95 TWO TRENCHES
STARTED OK TO COVER FROM HOUSE TO DIS. BOX. 12/7/95 50% RX
IN ① ② TRENCHES; MOTTLES IN ③

12/8/95 THIRD (LOWEST) TRENCH ABANDONED, REPLACED BY 70' TRENCH TO LEFT SIDE OF LOT.

DATE SYSTEM APPROVED 12/8/95 INSPECTOR C. Walker

CW

APPLICATION

PERCOLATION TESTING

A 42460

P _____

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

DISTRICT 4

DATE July 5, 1988

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 Frail Developers, Inc. Chris + Betsy Stokes

ADDRESS P. O. Box 659 Mount Airy, MD 21771 PHONE (301) 795-1866

ENGINEER OR CONTACT PERSON
PROSPECTIVE BUYER VANMAR ASSOCIATES INC. / Mike VanSant

ADDRESS 310 South Main Street Mount Airy, MD 21771 PHONE (301) 829-2890

PROPERTY LOCATION:

SUBDIVISION RIPPEON PROPERTY LOT NO. 7

ROAD AND DESCRIPTION 15031 Bushy Park Road

TAX MAP 14 PARCEL # 12

SIZE OF LOT 3.0 ac ± TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 8-30-95
Serial # 61394
A blend

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.

Ruane Jennings, Agent
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

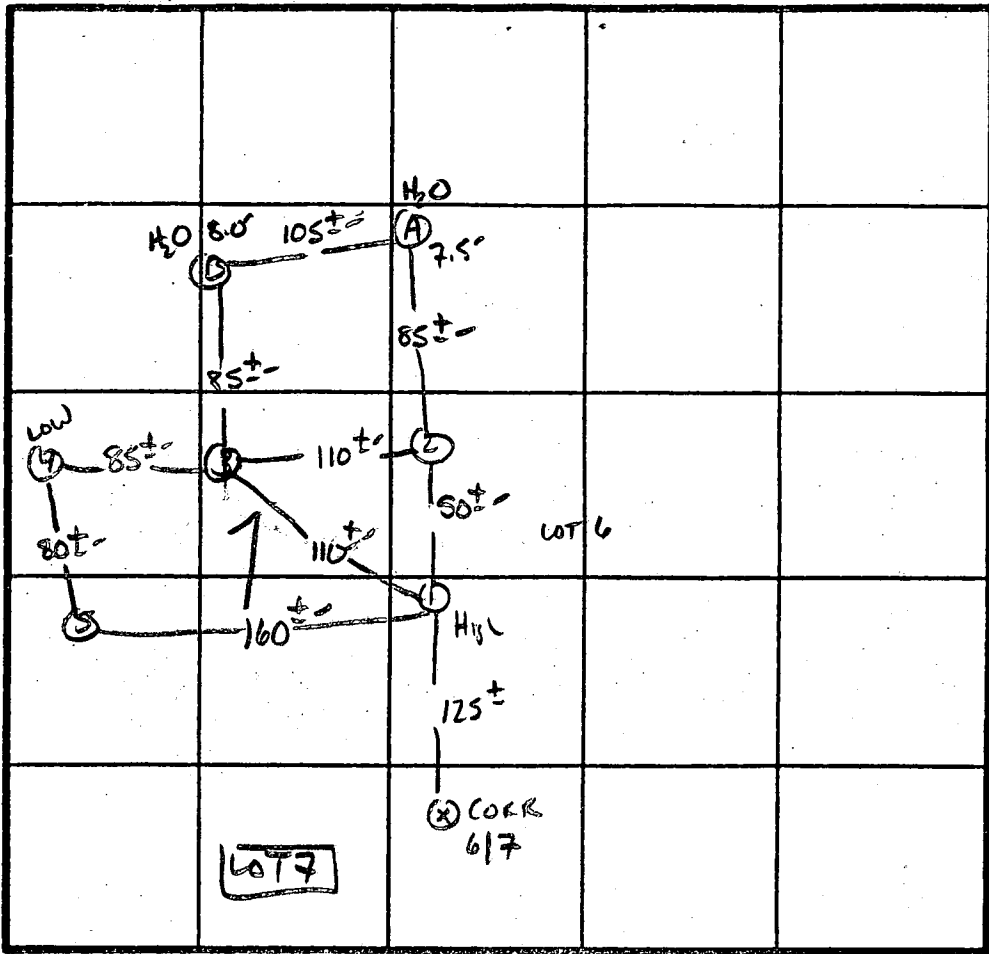
REASONS FOR REJECTION OR HOLDING 11/15/88 Parc Satisfactory - hold for perc. same

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

0	AP
6"	Yellow Red Silty Clay Loam w/ Lg. amt of QUARTZITE 30-40%
4-4.5	Yellow Br Silty SAND Loam 15-25% Frag
13	



2 PERC 21
300 #/BR
INLET 4"
BOTTOM 6"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Bushy Park Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/5/88	1 S M	4.0"	11:40	11:57	11:57	12:30	33min
		9.0"	11:40	11:41	11:41	11:43	2min
	1 V	12.5	AS PROFILED				
	2 S V	4.5"	11:39	11:57	11:57	12:25	28min
		12.5	SAME AS #1				
	3 S V	4.0"	11:42	11:49	11:49	12:05	16min
		13"	Similar to #1				
	4 S V	4.0"	11:49	11:59	11:59	11:19	20min
		13"	Similar to #1				
	5 S V	4.0"	11:51	11:53	11:53	11:58	5min
		12.0"	Similar to #1				
	A	H ₂ O 7.5					
	B	H ₂ O 8.0					

REMARKS 1 holes Diff Than PERT - Shallow DIST only

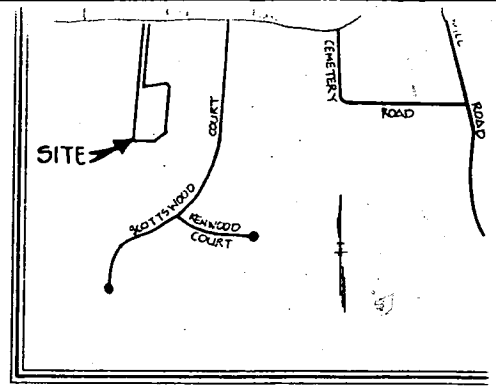
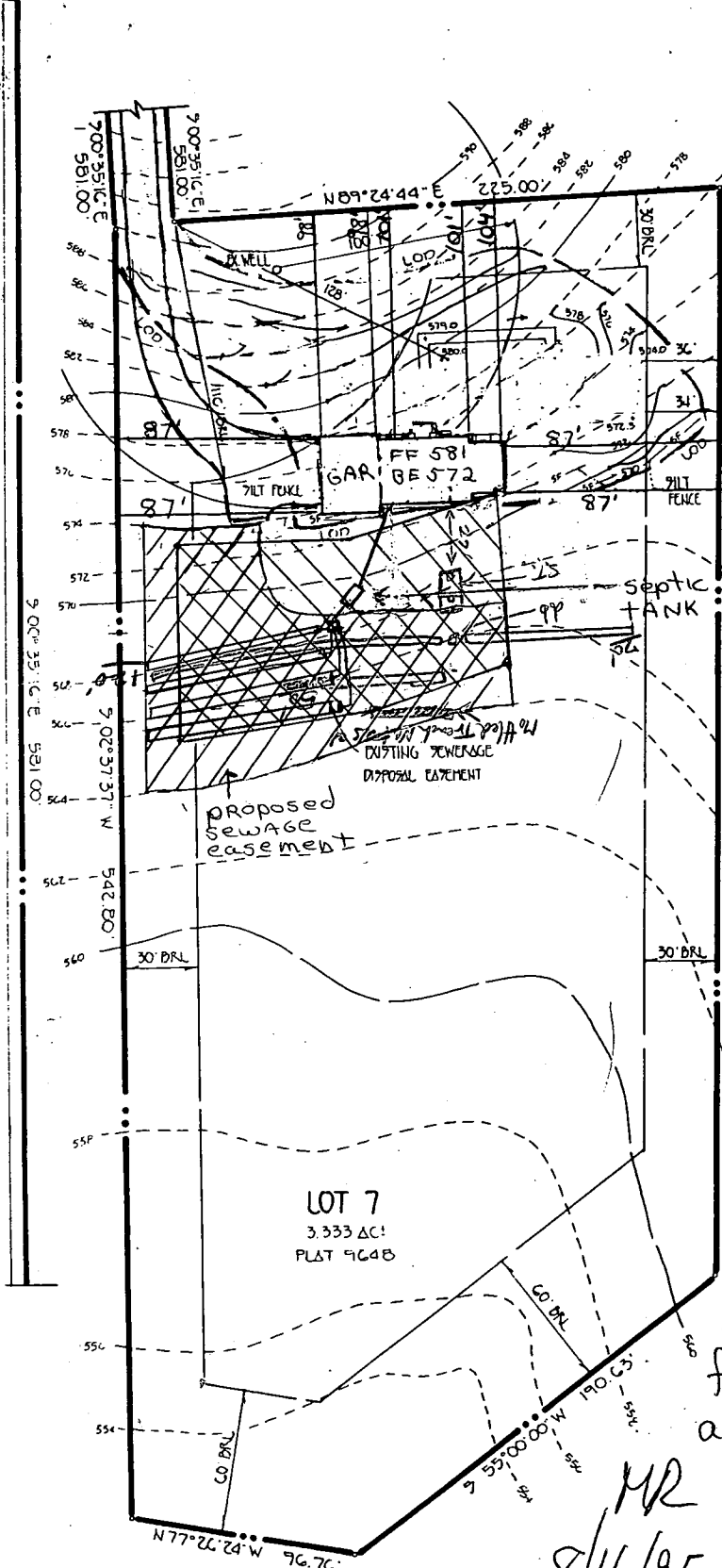
TYPE OF SOIL Chester Gravelly loam

TESTED BY S. Abel ALSO PRESENT Phil, Anchors
C. Cassol

EX. ROAD

44° E

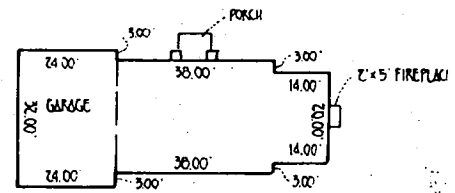
3'



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: ~~581~~ 581
B. BASEMENT ELEVATION: ~~572~~ 572
C. INVERT OF SEPTIC SYSTEM AT HOUSE: ~~566.0~~ 566.0
D. INVERT IN AT SEPTIC TANK: ~~565.50~~ 565.50
E. INVERT OF TRENCH TO SEPTIC TANK: ~~564.6~~ 564.6
F. PROPOSED GRADE OVER SEPTIC TANK: ~~569.0~~ 569.0
G. INVERT AT DISTRIBUTION BOX: ~~564.4~~ 564.4
H. EXISTING GROUND OVER DISTRIBUTION BOX: ~~568.4~~ 568.4
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.



PROPOSED THREE BEDROOM, TWO STORY DWELLING

By acceptance of this plan H.C. Health Dept. agrees to depicted reconfiguration of septic area

Proposed sewage easement adjustment OK; OK to start first system as shown (suff. area remains for 2 gravity repairs)

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

COUNTRY SPRINGS

LOT 7

MR
8/16/85

TAX MAP 14 ZONING: R PARCEL 12
FOURTH ELECTION DIST. HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE AUGUST 10, 1985

STATE OF MARYLAND
DEPARTMENT OF CONSTRUCTION

RAIN GRADING PERMIT.

INSTALL ALL SEDIMENT CONTROLS AS SHOWN ON PLAN.

FORM NECESSARY GRADING AND STABILIZE THE SITE.

UPON THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM
SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS
AND STABILIZE ANY REMAINING DISTURBED AREAS.

COUNTRY SPRINGS

15031

BUSHY PARK ROAD

WOODBINE, MD 21797

EX. 4 ROAD

SEEDING NOTES

SEEDING TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED
WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

PREPARATION:

REMOVE TOP SOIL UP TO THREE INCHES OF SOIL BY RAKING, DISCING
OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
DISCING MUST BE PREVIOUSLY LOOSENED.

RECOMMENDATIONS:

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER @ 4 LBS./1000 SQ. FT.)

SEED IN THREE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST
THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL
(3.2 LBS./1,000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14,
WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (.07 LBS./1000SQ.FT.).
THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY
APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND
AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.)
OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.
OR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH
SPREADING TOOL OR 210 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.)
OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER,
USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL
EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

RECOMMENDATIONS AS FOLLOWS:

1. PREPARE SITE BY RAKING, DISCING
OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

2. APPLY 600 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.)
OF 10-10-10 FERTILIZER AT TIME OF SEEDING.
3. APPLY 60 LBS./ACRE (0.6 LBS./1,000 SQ.FT.)
OF WEEPING LOVEGRASS SEED AT TIME OF SEEDING.
4. APPLY 2 TONS PER ACRE (4,000 LBS.)
OF WEEPING LOVEGRASS SEED IN OCTOBER 15 THROUGH

5. SEED IN THREE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST
THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL
(3.2 LBS./1,000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14,
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THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY
APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND
AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

N89°24'44"E

2500'

700'

700'

700'

700'

700'

700'

700'

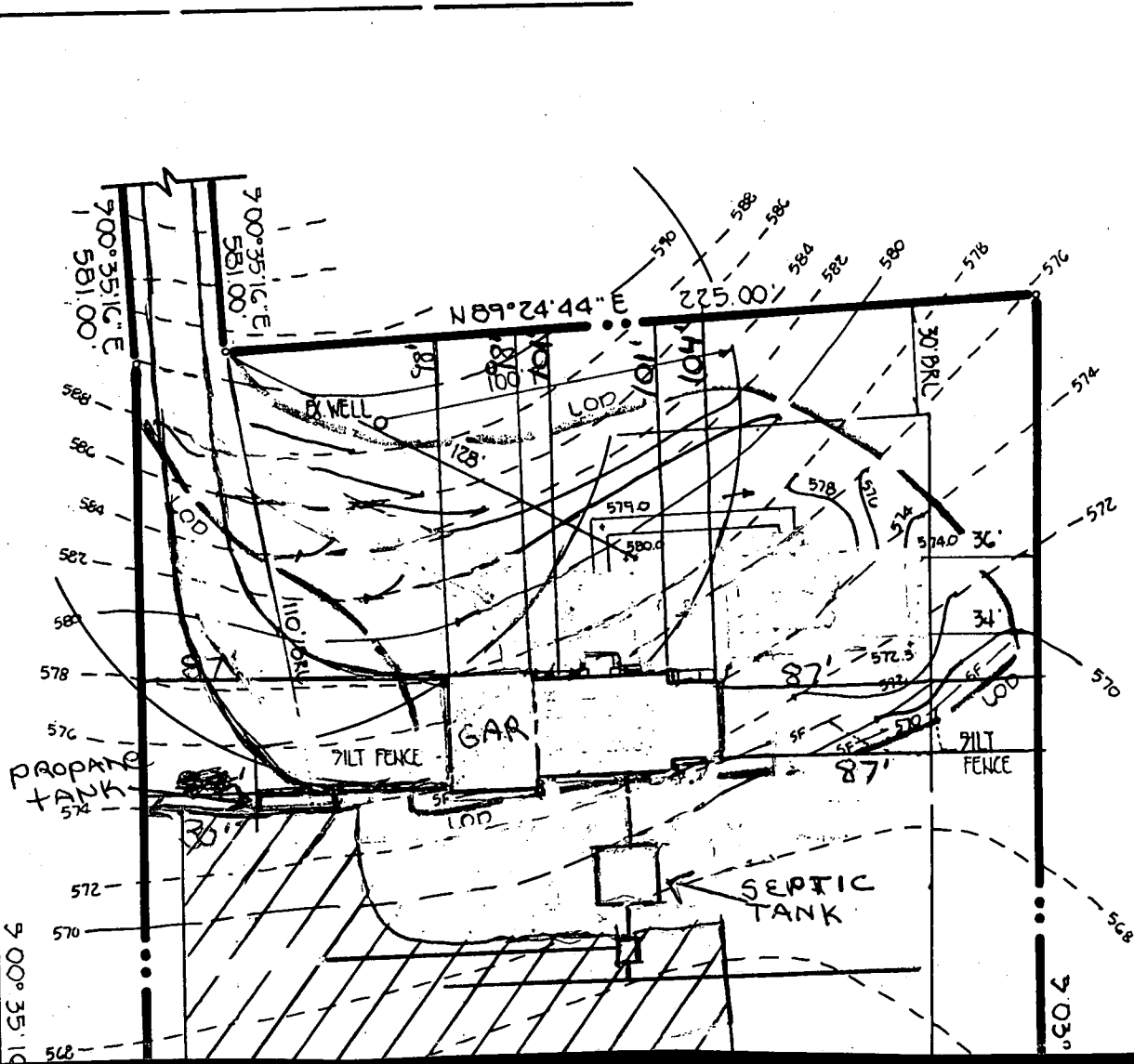
700'

700'

700'

700'

700'



RE (70 TO 90 LBS./1,000 SQ.FT.)
 AW IMMEDIATELY AFTER SEEDING.
 TER APPLICATION USING MULCH
 NS PER ACRE (5 GAL./1,000 SQ.FT.)
 T ACRES ON SLOPES 6 FEET OR HIGHER.
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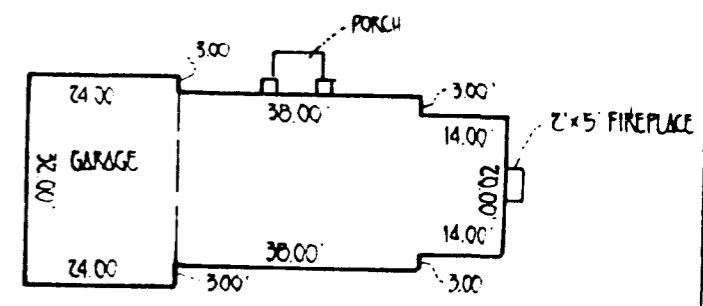
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VICINITY MAP
 SCALE: 1" = 1200'

GENERAL NOTES

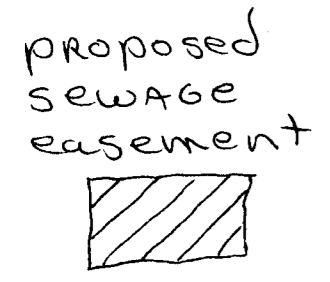
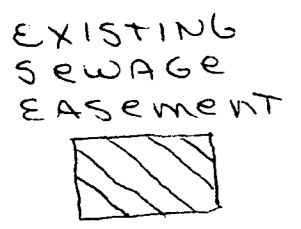
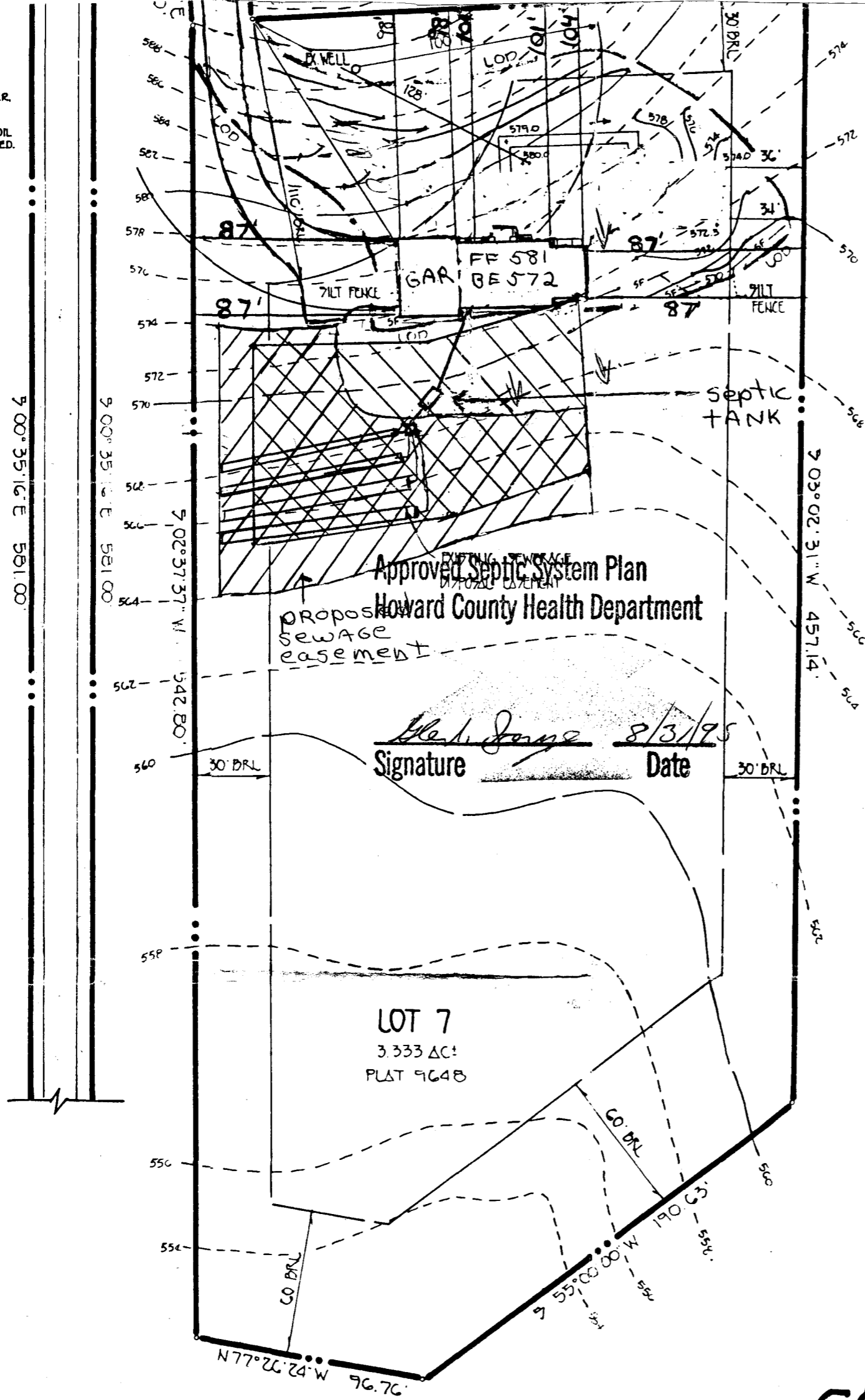
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Betsy L Stokes 8/16/95
 (301) 774-8209



PROPOSED THREE BEDROOM, TWO STORY DWELLING

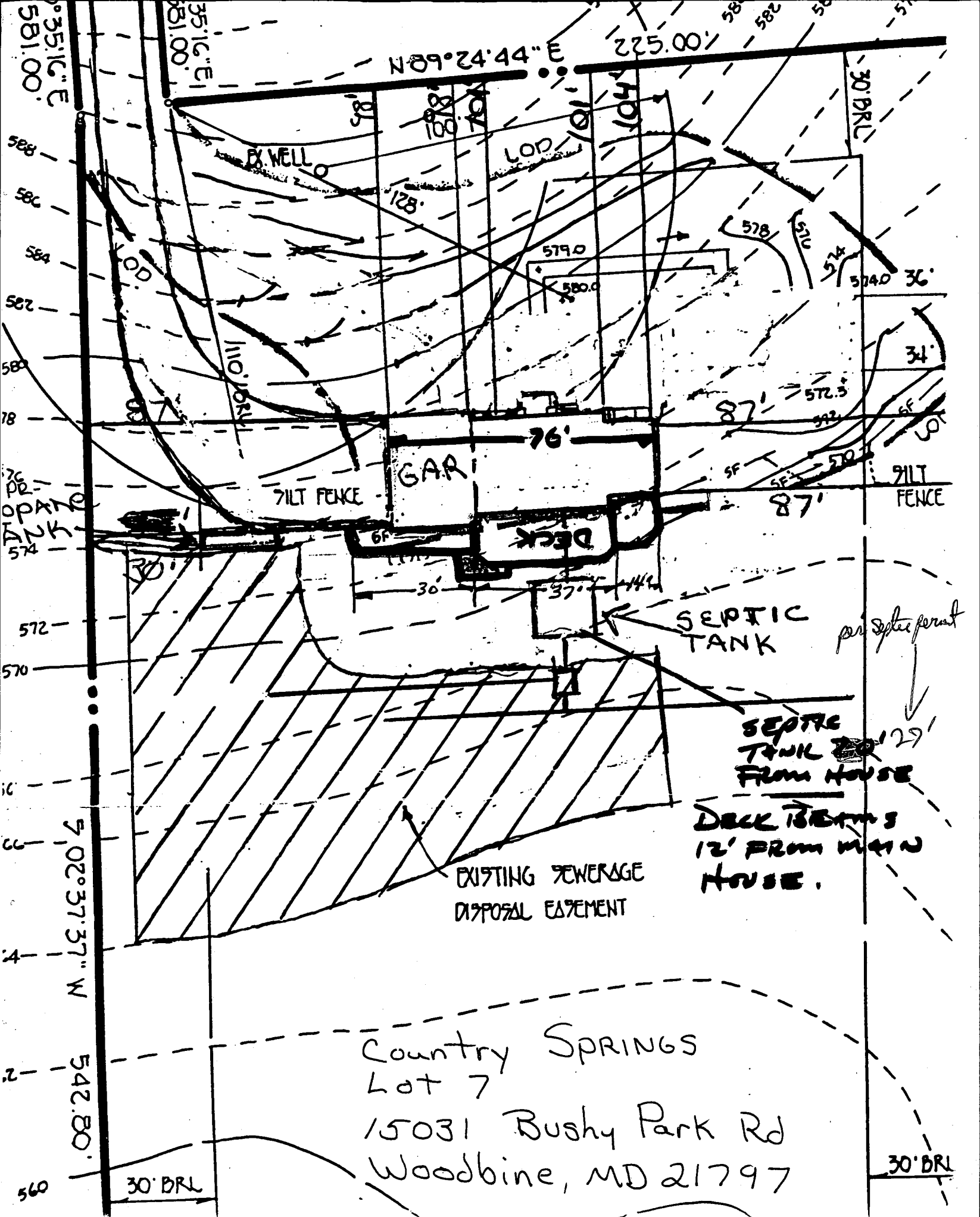
By acceptance of this plan H.C. Health Dept. agrees to depicted reconfiguration of septic area



PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
COUNTRY SPRINGS

LOT 7

TAX MAP 14 ZONING: R PARCEL 12
 FOURTH ELECTION DIST. HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE AUGUST 10, 1995



Country Springs
 Lot 7
 15031 Bushy Park Rd
 Woodbine, MD 21797

SEPTIC TANK
 20' 29'
 FROM HOUSE
 DECK BEAMS
 12' FROM MAIN
 HOUSE.

EXISTING SEWERAGE
 DISPOSAL EASEMENT

7 1/2' FENCE

7 1/2' FENCE

GAR

DECK

WELL

SEPTIC TANK

per septic permit

30' BRL

30' BRL

7 02° 37' 37" W

542.80'

N 89° 24' 44" E

225.00'

581.00'

351.00'

30' BRL

588

586

584

582

580

578

576

574

572

570

568

566

564

562

560

558

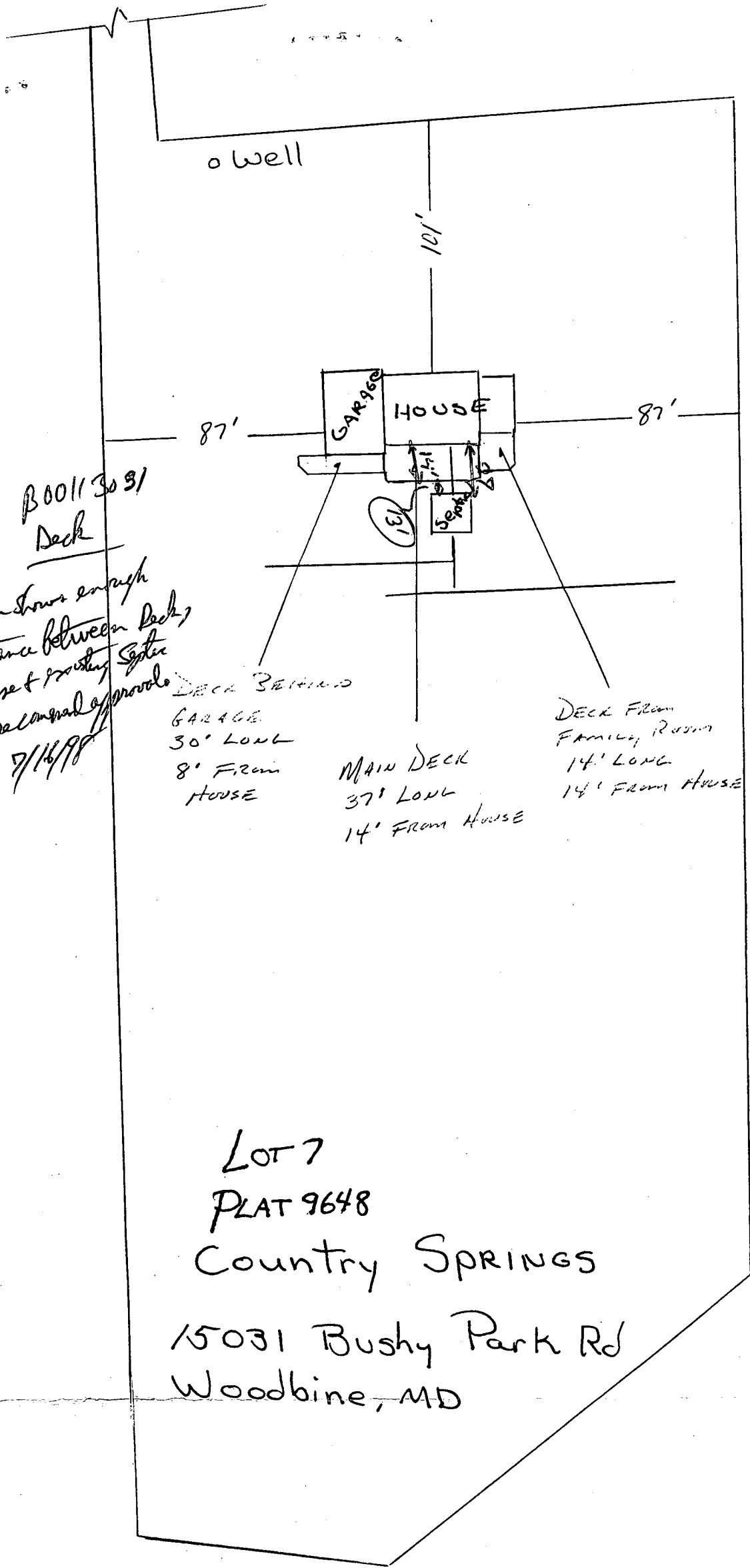
556

554

552

550

30' BRL



B00113091
Deck
plan shows enough
distance between deck,
house & existing septic
to recommend approval
AP 7/16/98

LOT 7
PLAT 9648
Country SPRINGS
15031 Bushy Park Rd
Woodbine, MD

C1 1617 SEQUENCE NO. (DENV USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A-42460**

ST/CO USE ONLY DATE Received [] DATE WELL COMPLETED **080790** Depth of Well **245** PERMIT NO. FROM "PERMIT TO DRILL WELL" **HD-88-1386**

OWNER **Carman Associates** STREET OR RFD **Bushy Park Rd.** TOWN **Glenwood** SUBDIVISION **Country Springs** SECTION [] LOT **7**

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER-BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
SANDSTONE	0	95	
GRAY MICA ROCK	75	245	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE-CLAY **BC**
 NO. OF BAGS **22** NO. OF POUNDS **2062**
 GALLONS OF WATER **132**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **1** ft. to **50** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO**
 STEEL CONCRETE
PL **OT**
 PLASTIC OTHER

MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **1** Total depth of main casing (nearest foot) **100**

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

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

C2

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	HO	99
2		
3		

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. **338**
 DRILLERS SIGNATURE **[Signature]**
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1: [] 2: [] 3: []
 DIAMETER OF SCREEN [] (NEAREST INCH)
 from [] to []
 GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 **68**

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) [] W Q []
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **105**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **32**
 WHEN PUMPING **173**
 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: **29**
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) []
 PUMP HORSE POWER []
 PUMP COLUMN LENGTH (nearest ft.) []
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE (nearest foot) **1**
- below }

