

8/14/97
8/15/97
8/18/97
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 410-313-2640

P 58587C

A 49646-H

DISTRICT 4th

DATE 7-28-97

DATE SYSTEM APPROVED 8-18-97

INSPECTOR PKS

04-359453

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 410-795-5674

SUBDIVISION Cattail Woods, Sec. II LOT 39 ROAD 1717 Cattail Woods Lane

PROPERTY OWNER Pulte Home Corp.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210

~~240~~ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240 280

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 - Place distribution box 180 feet up the left (350.33') lot line and 30 feet off that same lot line as seen when facing the lot from Cattail Woods Lane. Run trenches on contour toward the right lot line.

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

PLANS APPROVED BY Amy McMillen/Donna K. Soe REVISED DATE 06/09/97

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

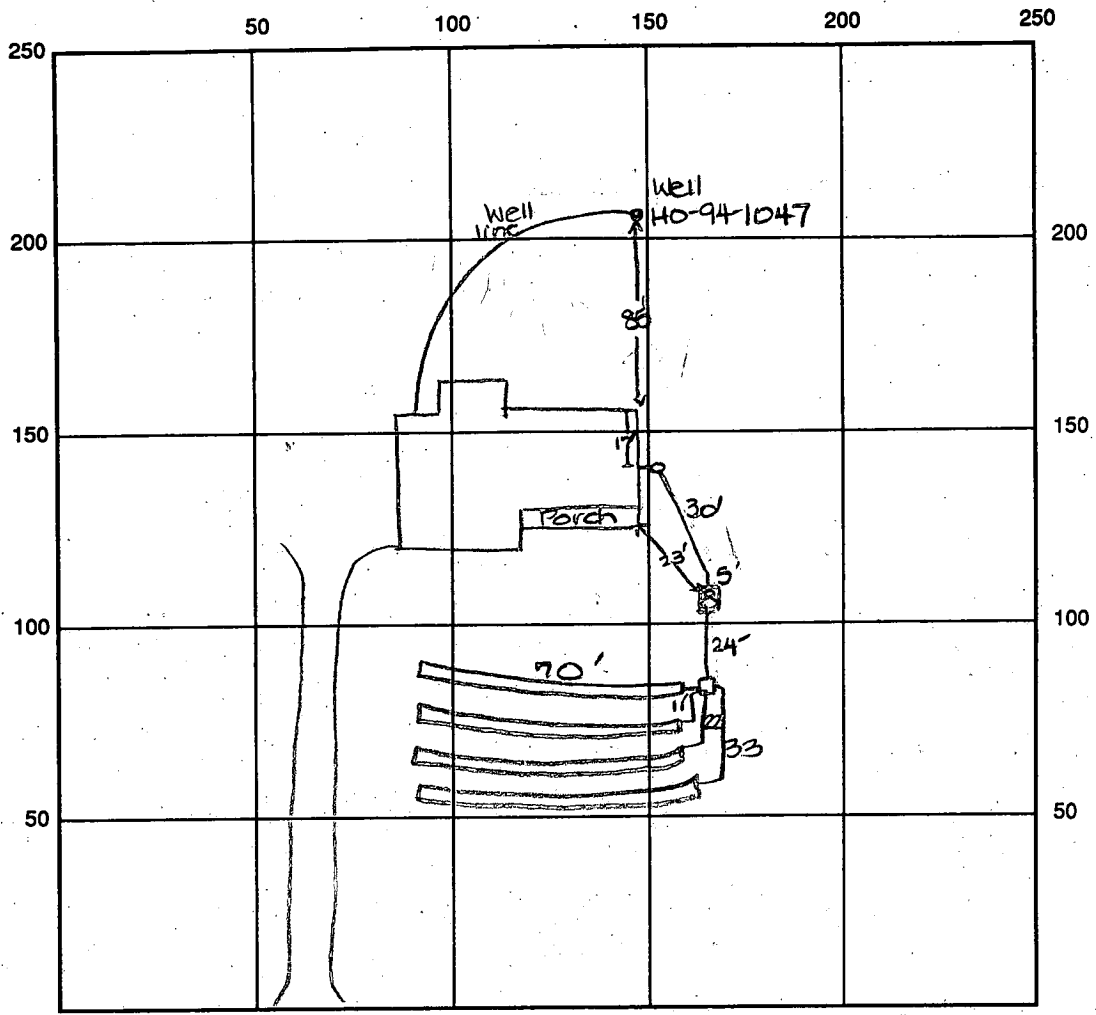
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL BEFORE DIGGING
AND RETURNED 8/12/98
12'x30' Deck 800123398
4/6/00

A 49646H



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 Cattail Woods Lane

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on st., manhole on st.

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 4 x 70 FT. → 280

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 8/13/97 site inspection - plumbing exiting house below basement footers. Seems too deep to install system as specified. DKS
8/14/97 fill placed in front yard, incl. high part of septic - resolved. DKS
8/15/97 OK to continue work. DKS
8/18/97 FINAL INSP - OK to cover all work. DKS

DATE SYSTEM APPROVED 8/18/97 INSPECTOR Donna T. Gop

APPLICATION

PERCOLATION TESTING

A 4-9646-H

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 9-27-93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Bruce Brendle

ADDRESS 15298 Union Chapel Rd PHONE _____

AGENT OR PROSPECTIVE BUYER Joint Venture

ADDRESS 1555 Union Chapel Rd PHONE _____

PROPERTY LOCATION:

SUBDIVISION CatHail Woods Sec II LOT NO. 39

ROAD AND DESCRIPTION Rt 97 sid

TAX MAP 7 PARCEL # 137

SIZE OF LOT 1 ACRE TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

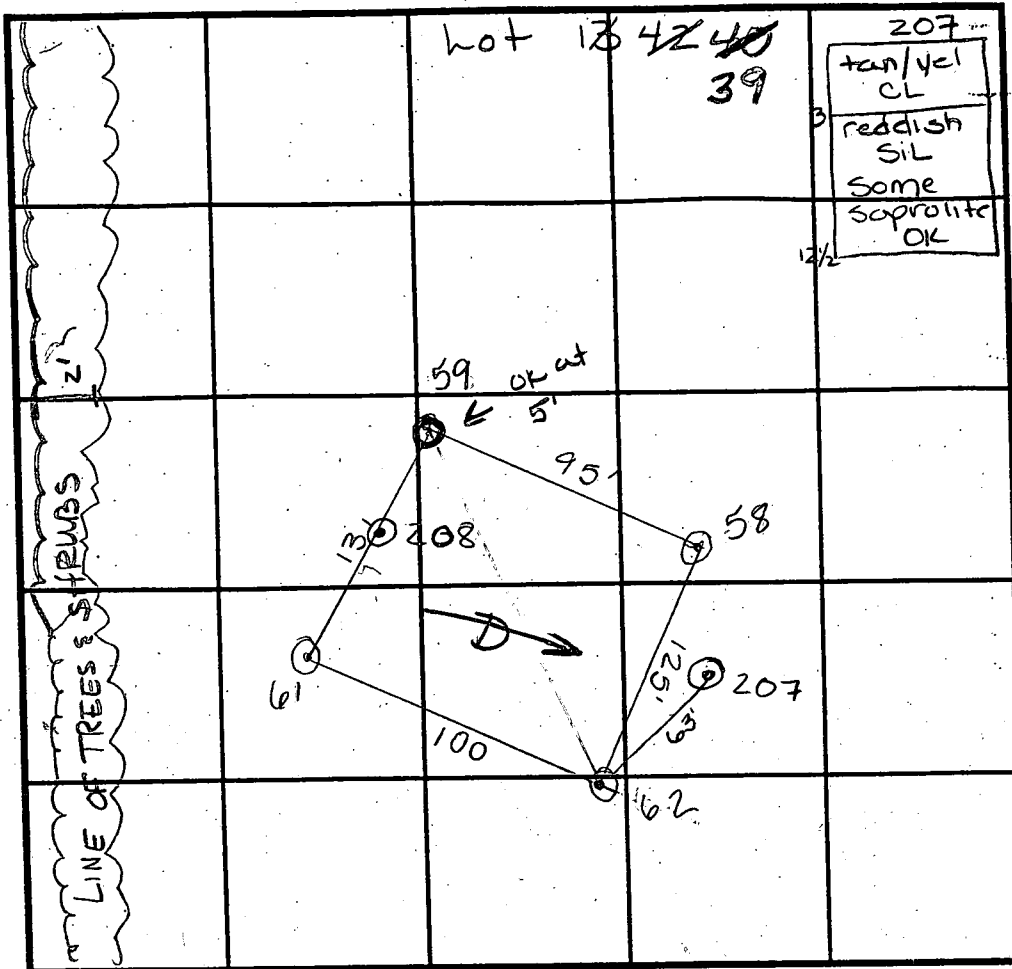
REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A49646H
COUNTY #



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
61
10' red & yellow c
4' red/brn SIL
w/ some saprolite throughout

62
3' yell/brn c
4' red/yel CL
6'-7' brn, slightly reddish SIL
very decayed shale horizontal bedding

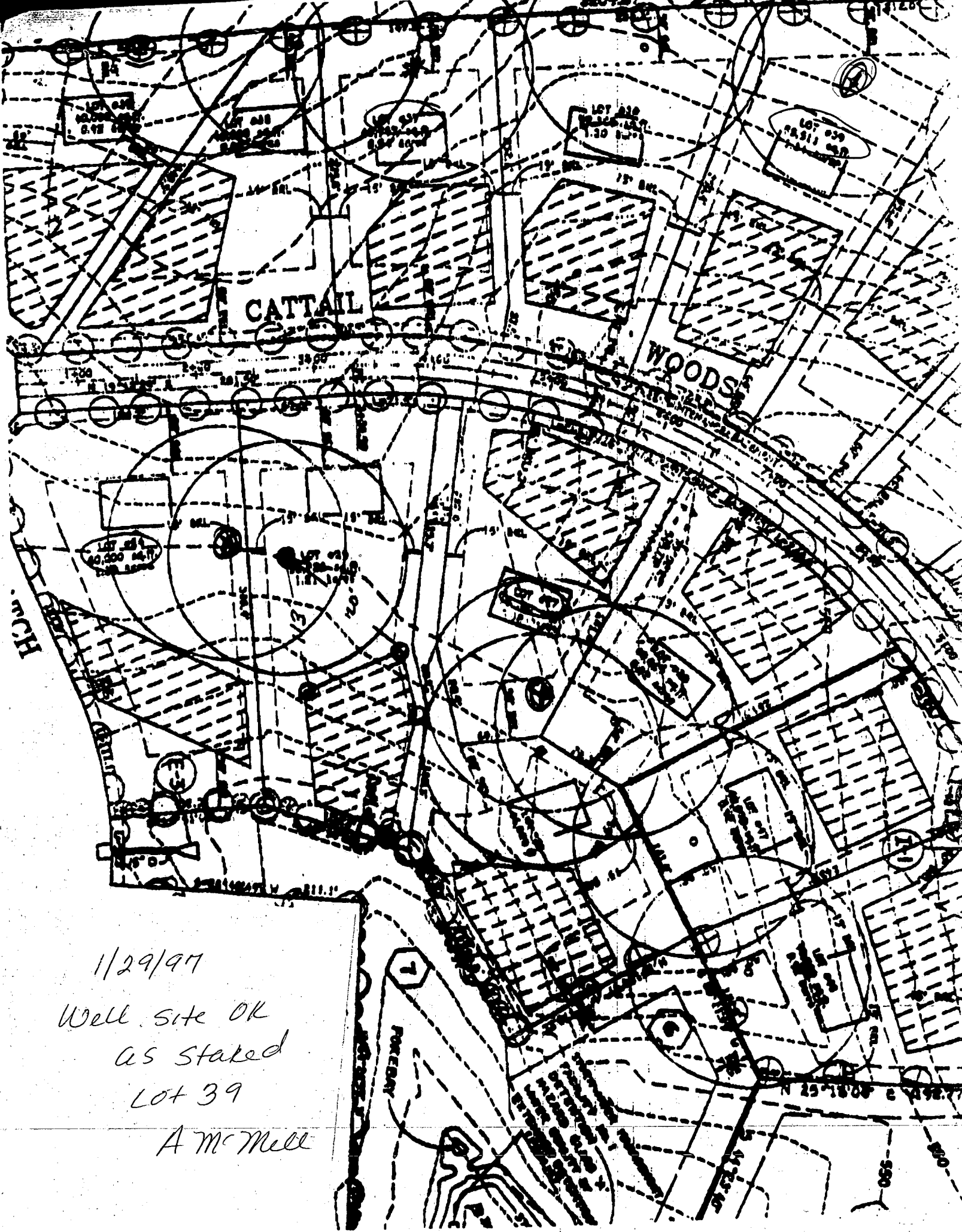
59
3' yell/brn c
4' red CL
w/ some saprolite throughout

SOIL PROFILE
56
3' brn w/ red SIL
6' saprolitic shell w/ some rock frags

208
5' yellow/tan CL
brn w/ lgt red tint SIL
some saprolite OK

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/93	61	4' V13'	11:27 ³⁰	11:38	11:38	11:51	13min
	62	4' V13'	11:30	11:45	11:45	12:09	24min
	59	4' V12'	11:55	12:16	>30min	—	F
	59	8' V12'	2:04 ³⁰	2:06 ³⁰	2:06 ³⁰	2:12	5 1/2 min
	58	4' V12'	11:48	11:51 ⁴⁵	11:51 ⁴⁵	11:59	7 1/4 min
12/13/93	59	4 1/2' V12'	12:59 ¹⁵	1:02	1:02	1:05 ⁴⁵	3 3/4 min
3/15/94	208	5 1/2' V12'	12:38	12:43	12:43	12:47 ³⁰	4 1/2 min
3/15/94	207	3 1/2' V12 1/2'	12:41	12:46	12:46	1:00	14min

REMARKS Hold 62 for wet season perc.
 TYPE OF SOIL Glennclg Loam
 TESTED BY A. McMillen / C Williams ALSO PRESENT B. SANDERS
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15min TRENCH WIDTH 3'
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 240 ft²



1/29/97

Well site OK
as staked
Lot 39

A McMill

EMERGENCY / TEMP NO. IF ANY

B 1 **7099**

SEQUENCE NO.
(DP USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

H0-94-1047

(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

fill in this form completely

Date Received (APA)

011597

OWNER INFORMATION

206 JOINT VENTURE
Last Name Owner First Name
1555 UNION CHAPEL
Street or RFD
WOODBINE
Town
MDA 1797
Zip

B 3

LOCATION OF WELL

HOWARD
COUNTY
CUTTAIL WOODS
SUBDIVISION
SECTION **2** LOT **39**
LUSKON
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) **MI**

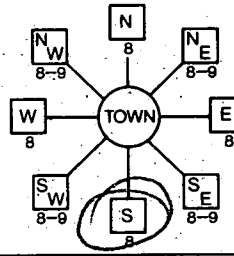
DRILLER INFORMATION

MSD/MGD/MWD

LAVA KYROR JETT
Driller's Name
WESTMUSKER ROYALTY DRILLING
Company Name
PO BOX 861, WESTMUSKER, MD 21758
Address
LAVA KYROR JETT (USA)
Signature
1/13/97
Date

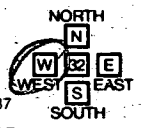
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



1777 CUTTAIL WOODS LANE
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD: **250**
ENTER FT OR MI **FT**

TAX MAP: **7** BLK: _____ PARCEL **137**

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **650**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard Co. COUNTY NAME
A49646H COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED _____ INSERT S

0112997 DATE ISSUED
A. McMillen CO SIGNATURE
1-29-98 EXP. DATE

NORTH GRID **542000** EAST GRID **0781000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

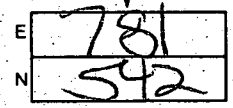
- BORED (or Augered)
- JETTED
- Jetted & DRIVEN
- AIR-ROTARY
- AIR-PERCussion
- ROTARY (Hydraulic Rotary)
- CABLE
- REVerse-ROTary
- Drive-POINT
- other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. **City**
- 2.
- 3.

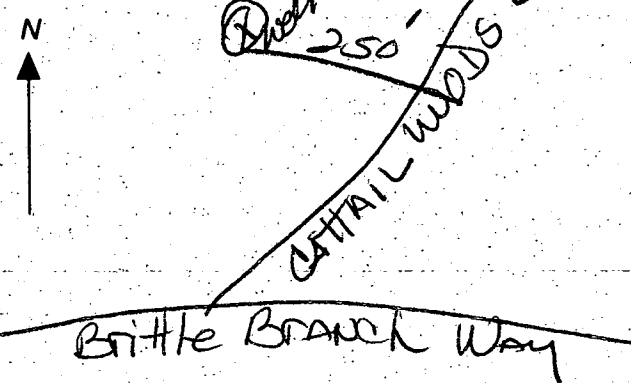
WRITE THE BOX NUMBER FROM THE MAP HERE



REPLACEMENT OR DEEPEMED 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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



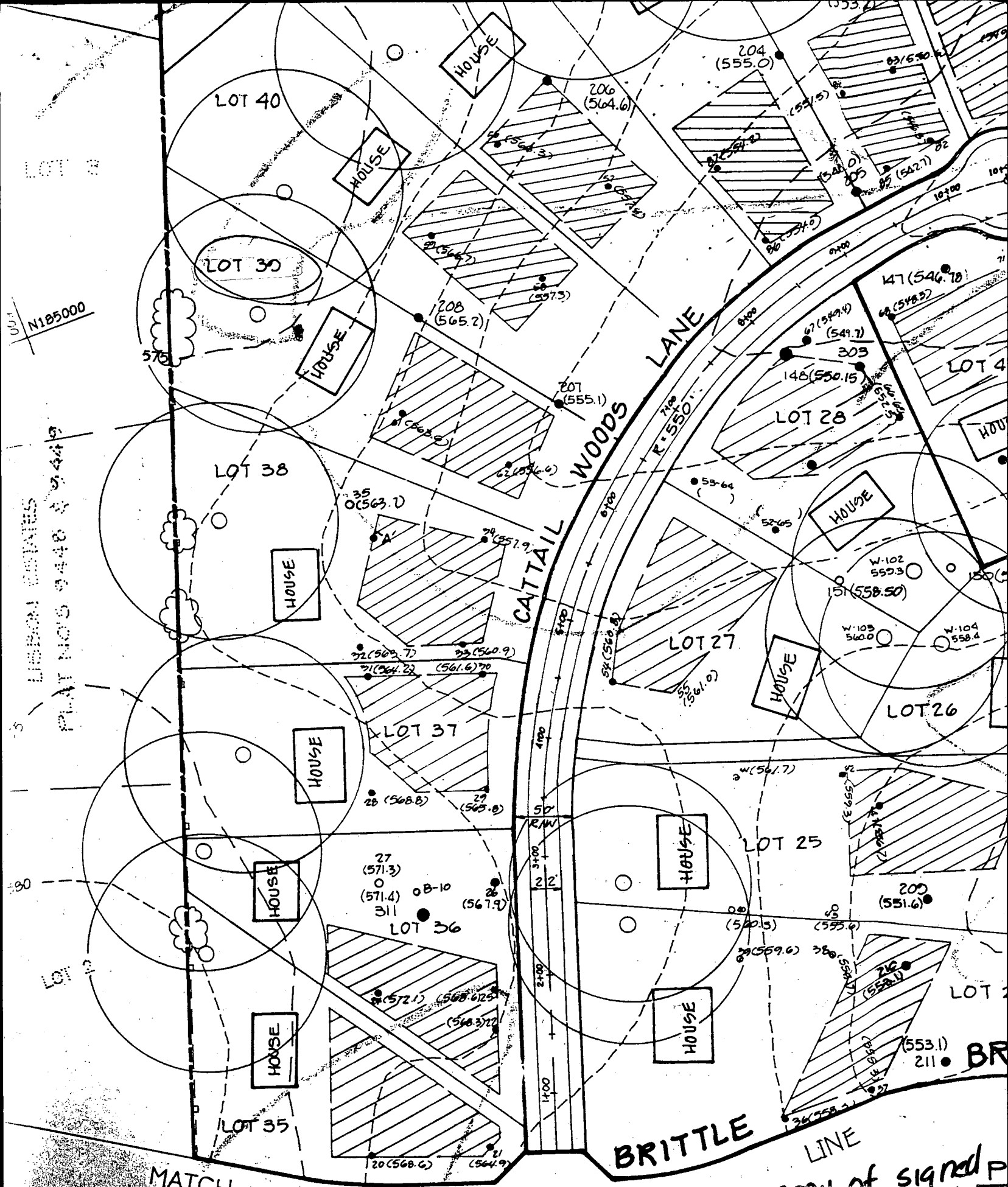
Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER **GAP**

FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **H0-94-1047**

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =



LOT 2
 N185000
 LIBERAL ESTATES
 PLAT NOS 9448 & 9449

SOIL CLASSIFICATIONS

CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED.

CONIOUS SILT LOAM.

SILT LOAM, LOCAL ALLUVIUM, 3 TO 8 PERCENT SLOPES.

SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED.

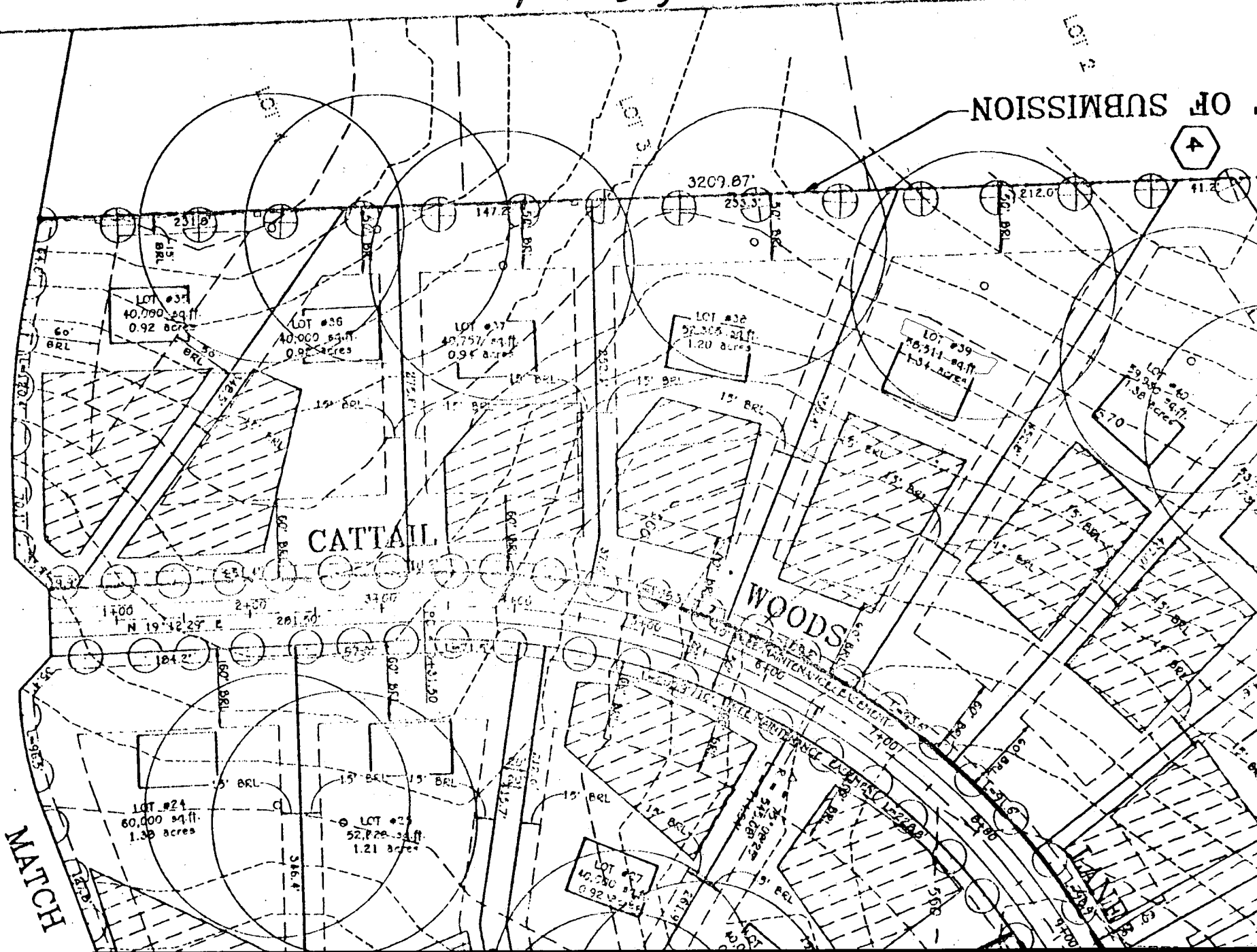
copy of signed
 Perc Cert

GENERAL NOTES

copy of signed
Prelim. Plan

OF SUBMISSION

4



SCHEDULE D

STORMWATER MANAGEMENT AREA LANDSCAP

LINEAR FEET OF PERIMETER

5

385

7

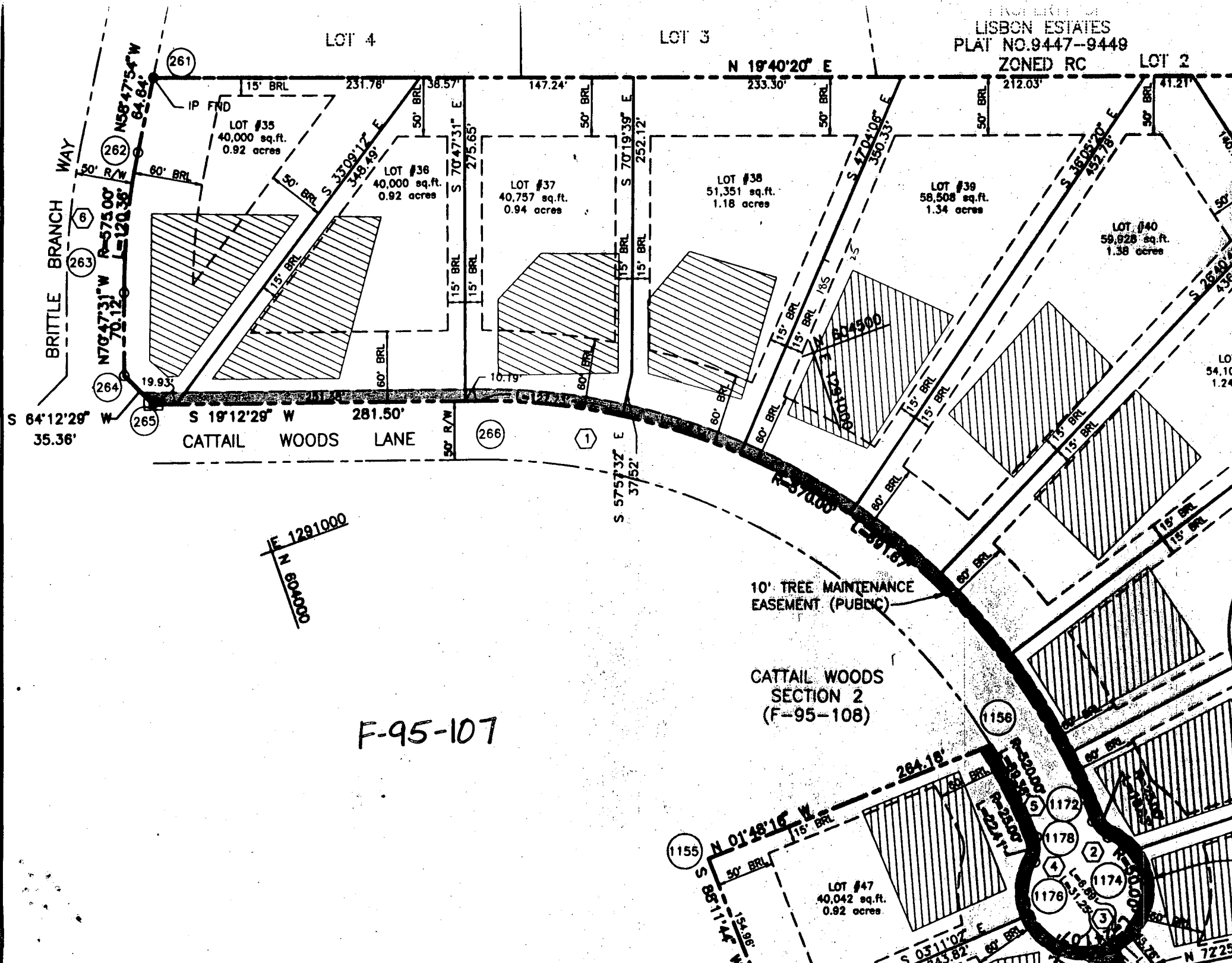
NUMBER OF TREES REQUIRED

SHADE

8

EMERALD GREEN

10



LOT 4

LOT 3

LOT 2

BRITTLE BRANCH WAY

CATTAIL WOODS LANE

10' TREE MAINTENANCE EASEMENT (PUBLIC)

CATTAIL WOODS SECTION 2 (F-95-108)

F-95-107

E 1291000
N 604000

1155
S 85°11'4" W
50' BRL
115' BRL

LOT #47
40,042 sq. ft.
0.92 acres

264.18'
R=2000'
L=224.7'

1172

1178

1176

1174

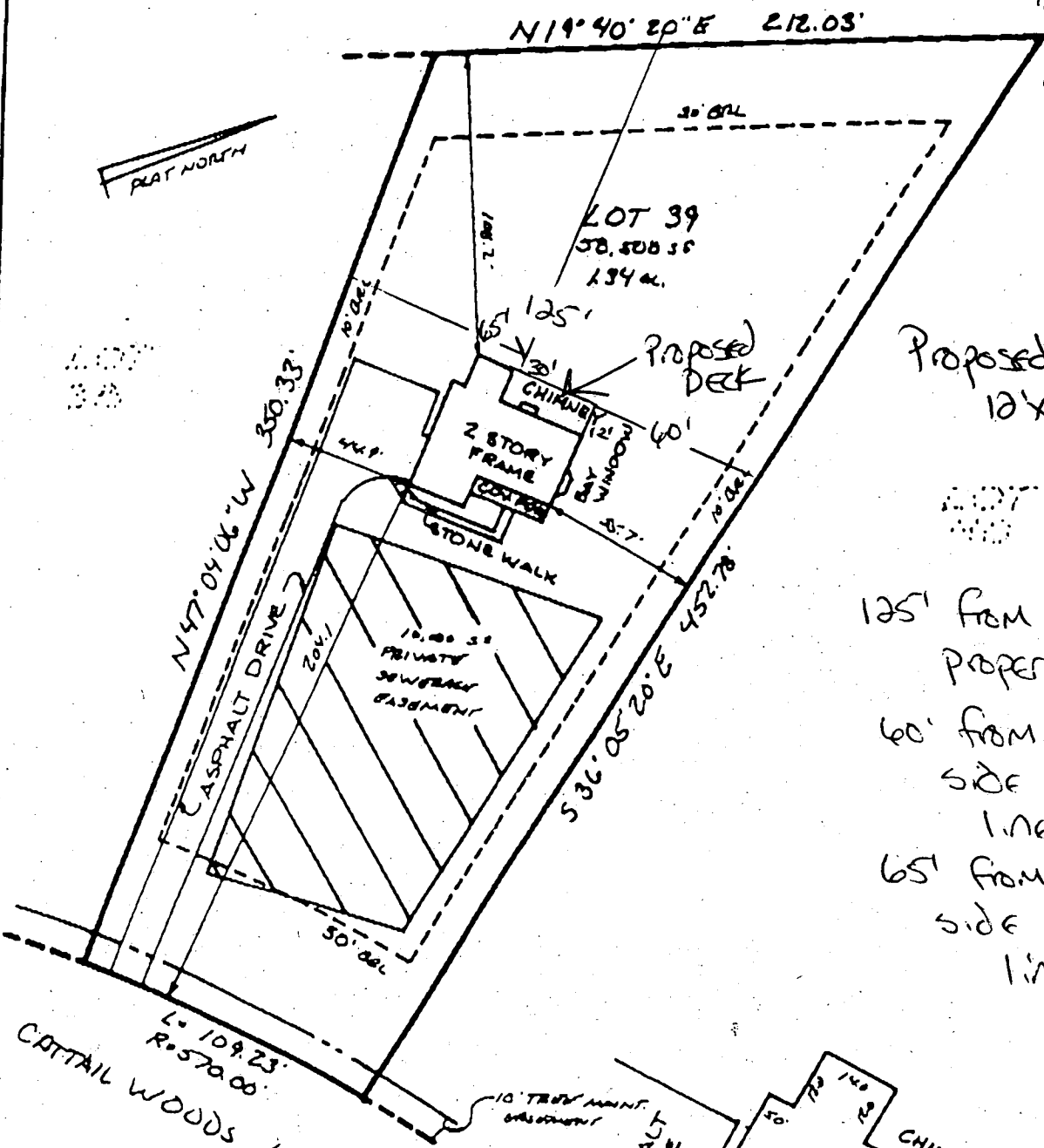
1176

1174

N 72°25'

THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE LOT CONFIGURATION AS CURRENTLY RECORDED, BEING SUFFICIENT FOR SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.

4/6/00
12'x30' Deck
O.K. (BB)

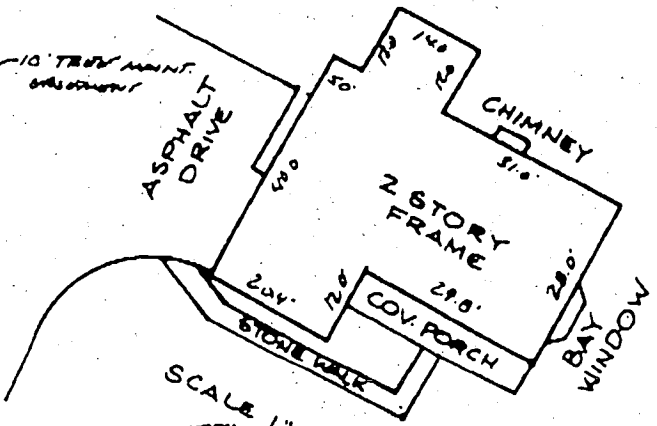


Proposed Deck
12'x30'

125' from Rear property line
60' from north side property line
65' from south side property line

CATTAIL WOODS LANE
L: 109.23'
R: 570.00'

FIRST FLOOR
ELEV. = 571.7'



SCALE 1" = 30'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBLE ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD

