

6/17/97
A-3
6/18/97
late PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58486B

A 50619-C

6/17/97 T.C. W/EGGES, THEY HAVE REUSED PLAN DISTRICT 4

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXXXXX 313-2640

INDEXED
04-357817

DATE 5/29/97

DATE SYSTEM APPROVED 6/18/97

INSPECTOR [Signature]

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

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

SUBDIVISION Holly Hills LOT 8 ROAD 3327 Sang Road

PROPERTY OWNER Williamsburg Group LLC - David Ayer

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS
Pump Chamber 1588 gal

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

BLDG. PERMITS SIGNED AND RETURNED 2-11-99
Serial # B00116157
Interior Alliation Business

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 140 feet down the 268.41' lot line and 7.2 feet off that same lot line. Run trenches along contour toward the 316.02' 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 # 4-21-97*

House connection set 2ft lower than spec (end of septic tank 6" below grade - Needs a Pump Chamber (1588 gal) + pump to get to high pt of septic area + keep 4 1/2 ft inlet.)

PLANS APPROVED BY Glen savage/Amy McMillen REVISED DATE 04/10/97

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.

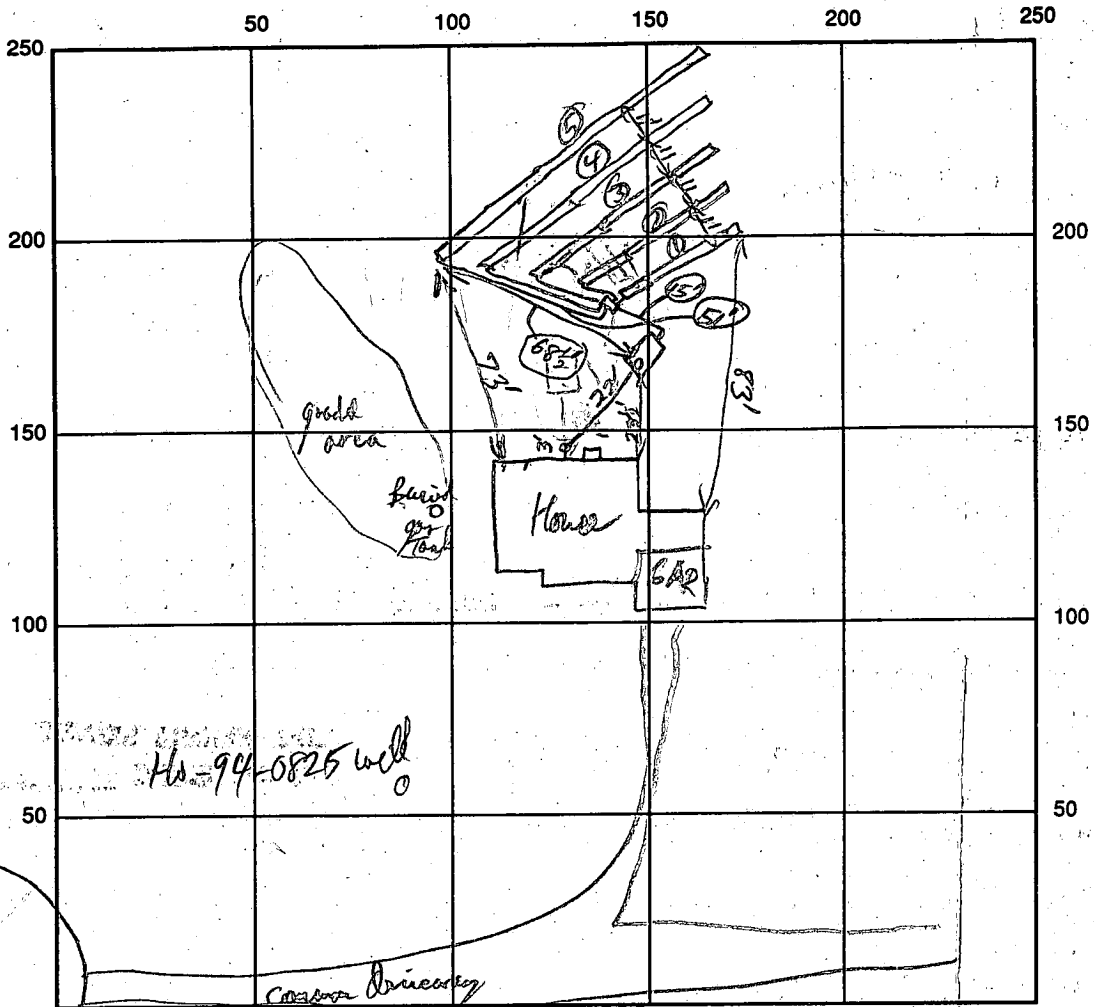
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMITS SIGNED AND RETURNED 11/1/2000
B00127266 INGROUND POOL

BLDG. PERMIT SIGNED AND RETURNED 2-19-98
Serial # B00117014 - deck

A 50619C



SEPTIC TANK LEVEL 1500 gal CLEANOUTS S.T. + House

DISTRIBUTION BOX LEVEL levelled to auto breaker

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 50/60/70/80 FT/90

NUMBER OF TRENCHES 5 ~~ONE SLOTTED~~ / BOTTOM AREA 1000 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: House Connection pipe is 2ft below elevation exit (under Frost Footer) elev of S.T. outlet @ 6'8" below grade and needs to go uphill to dist box. Needs a pump chamber and pump.

S.T. OK to cover, and House connection. R/P 6/11/97 at Contractor's Office S.T. was pulled + stored on site, and septic line removed back to house in view of footer. R/P 6/12/97 New House Connection in vent only, round 14" Need to raise 2ft to get trail to dist box. They'll redo + call again. R/P 6/17/97 Septic final OK, got quantity flow from Home to dist boxes + trenches R/P 6/18/97

DATE SYSTEM APPROVED 6/18/97

INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 50619

P _____

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

DISTRICT _____

DATE 4/24/95

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 WAYNE NEWSOME Williamsburg, Group LLC.

ADDRESS P.O. BOX 39, COLUMBIA, MD PHONE (410) 792-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: (3327 Sang Road)

SUBDIVISION HOLLY HILLS ESTATES LOT NO. 4 *SEE PERC LOCATIONS + NUMBERS ORIGINAL NEW LOT #8*

ROAD AND DESCRIPTION PROPERTY HAS APPROX. 75' OF FRONTAGE

ON BURNWOODS ROAD - 21 LOT (17 NEW SFD'S) SUBDIVISION

WITH EXTENSION OF SANG ROAD *BLDG. PERMITS SIGNED AND RETURNED 4-16-97 Serial # BR 104860 SFD - 5 Bldg*

TAX MAP 14 PARCEL # 92

SIZE OF LOT LOT 11; 41,324 SQ FT TYPE BLDG. _____
(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. Stephanie Denshek
(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

A-50619-C, D

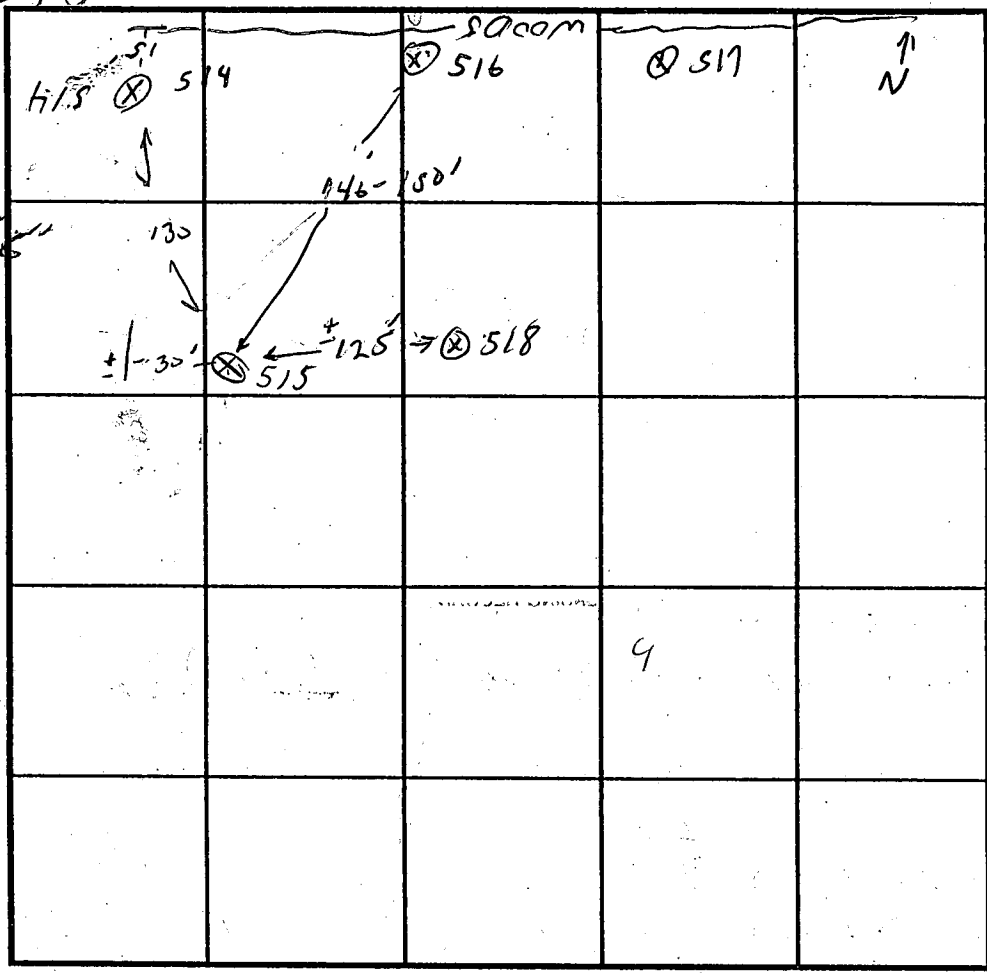
COUNTY #

SOIL PROFILE

TOPSOIL
GRANGE
CLAY/
CLAY LOAM
1'
3-4'
TAN +
DULL RED
BROWN
SSL
11'

TOPSOIL
YELLOW
BROWN
CL
4'
REDISH
BROWN
SSL
10-6"

518
TOPSOIL
MED BROWN
CL
1'
3-8"
RED BROWN
GREY
S.C.
6-8"
YELLOW
BROWN
15-8"
ROCK
FRAGS



SOIL PROFILE

TOPSOIL
5-4 R 5/6
CLAY, W/HT
SOFT, SUB/BLOCKY
3-6'
7.5 STR 5/8
SSL
9-16"
TAN FINE
SILT SANDY LOAM
11'

10-9 1-4"
ROCK FRAGS
NEAR BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/24/95	514	1-4'	10:44	10:48	10:48	10:58	10 MIN
		8'	10:44	10:47	10:47	10:51	4 MIN
LOT C	515	4' 10"	10:36	10:50	10:50	11:06	16 MIN
		8-6"	10:35	10:38	10:38	10:41	3 MIN
	516	4'	11:04	11:45	TEST STOPPED		
		8-6"	11:04	11:07	11:07	11:11	4 MIN
LOT D	518	4' 7"	11:15	11:22	11:22	11:39	17 MIN
		1-8'	11:15	11:17	11:17	11:21	4 MIN
	RED 16	5'	11:50	11:54	10 MIN		

REMARKS 516 WILL PERL AT 6' LOT 8

TYPE OF SOIL _____

TESTED BY GLEN SAUAGE ALSO PRESENT WILL HARKINS & HELPER

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 MIN TRENCH WIDTH 3'

11-4" INLET DEPTH 4' 10" MAXIMUM BOTTOM DEPTH 11' SQ. FT./BEDROOM 2/0

C 1 4579

SEQUENCE NO. (MDE 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 COLUMNS 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A-50619C

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0825

OWNER WILLIAMS BURG BUILDERS STREET OR RFD SANG ROAD TOWN Glenwood SUBDIVISION HOLLY HILLS SECTION LOT 8

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Sand 0-75, Gray Mica Rock 75-225.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N)

TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (20), NO. OF BOUNDS (1880), GALLONS OF WATER (120), DEPTH OF GROUT SEAL (0-70)

CASING RECORD (ST, CO, PL, OT) MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (80)

OTHER CASING (if used) diameter, depth

SCREEN RECORD (ST, BR, HO, PL, OT) screen type or open hole

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24

DRILLERS SIGNATURE (Joseph R. Mayne) LIC. NO.

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) H0 78 225

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W.Q. 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15

METHOD USED TO MEASURE PUMPING RATE Bucked WATER LEVEL (distance from land surface) BEFORE PUMPING 34 WHEN PUMPING 70

PUMP INSTALLED DRILLER WILL INSTALL PUMP (YES/NO)

IF DRILLER INSTALLS PUMP THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 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) LAND SURFACE (nearest foot)

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)



5-20-97

PITLESS ADAPTER

NOT APPROVED

25" DEPTH

CHECK FINISHED GRADE
NO CHANGE IN GRADE PLAN
CHECK CODE - M.A. SAYS 30'

GS

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

6/11/97 MORNING

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 5-28-97

5/29/97 T.C. W/ SHARON @ KLEIN - SHE WILL CHECK + CALL BACK RE: REINSPECTION
Name of Installer Charles A. Klein + Son Inc Telephone 410-549-6960

License Number 10521
Certified Well Pump Installer Well Driller _____ Registered Plumber _____

Name of Property Owner Williamelting Group Telephone 410-997-8800
Subdivision Holly Hills Lot # 8 Well Tag # _____
Site Address 3327 Song Road Glenwood Md 21738

5-29-97 T.C. W/ SURANNE - SHE WILL HAVE SURVEY CALL.

- | | | |
|---|---------------------|------------------|
| 1. Type | Motor | Pitless Adapter |
| a. Deep well jet _____ | 1. Horsepower _____ | 1. Make _____ |
| b. Shallow well jet _____ | 2. RPM _____ | 2. Model # _____ |
| c. Submersible _____ | 3. Voltage _____ | 3. Depth _____ |
| 2. Make _____ | a. 110 _____ | |
| 3. Model # _____ | b. 220 _____ | |
| 4. Capacity _____ GPM | | |
| 5. Pump exceeds well capacity Yes _____ No _____ | | |
| 6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____ | | |
| 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____ | | |

- | | | |
|---------------------------------|--|---|
| Tank | Piping | Well data |
| 1. Capacity _____ | 1. Type _____ | 1. Depth _____ ft. |
| 2. Pressure relief valve? _____ | 2. Size _____ | 2. Yield _____ GPM |
| | 3. NSF and/or BOCA Code approved _____ | 3. Static water level _____ ft. |
| | 4. Depth of supply line _____ | 4. Will water supply be disinfected by installer? _____ |

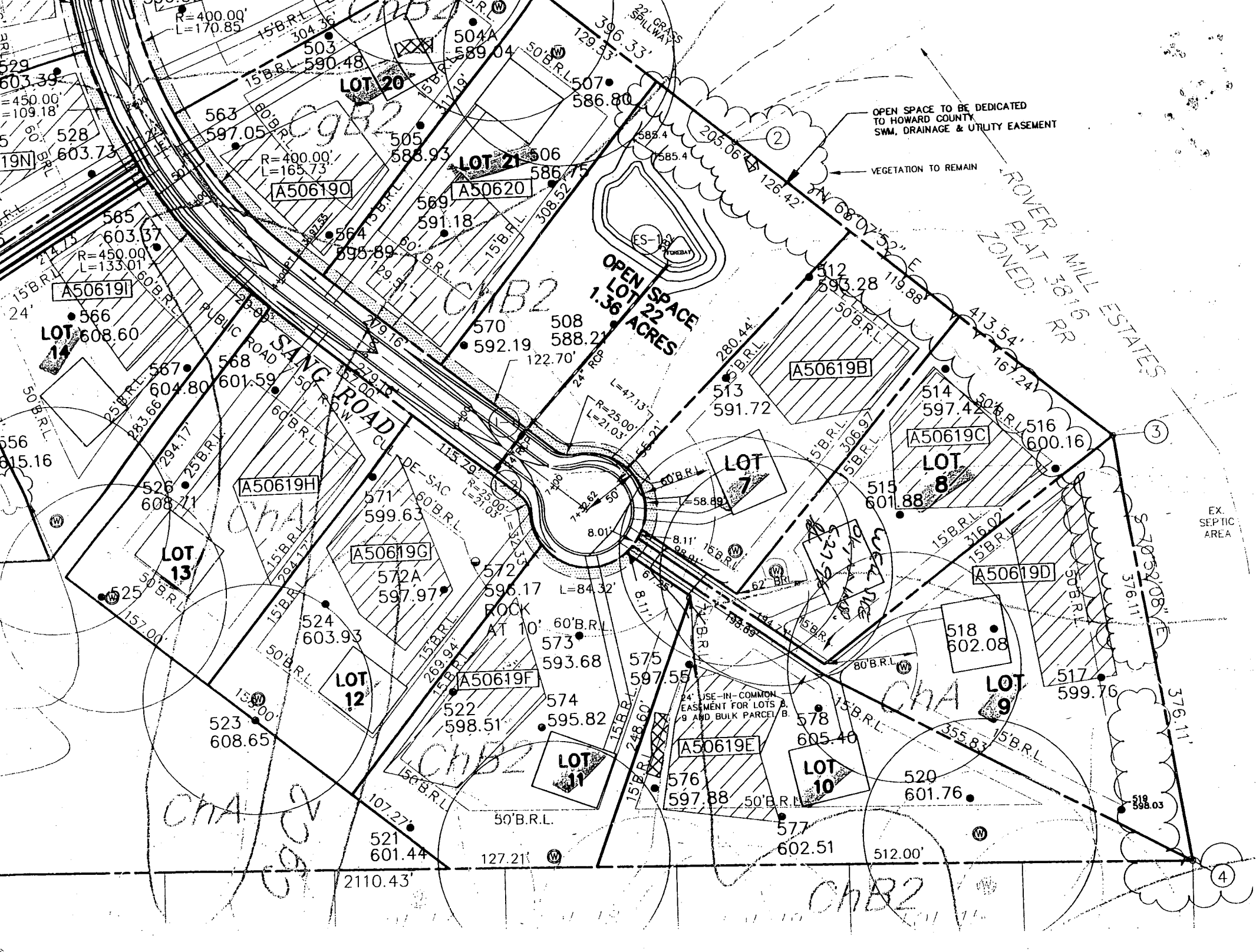
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Charles A. Klein Jr

Date: 5-29-97

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



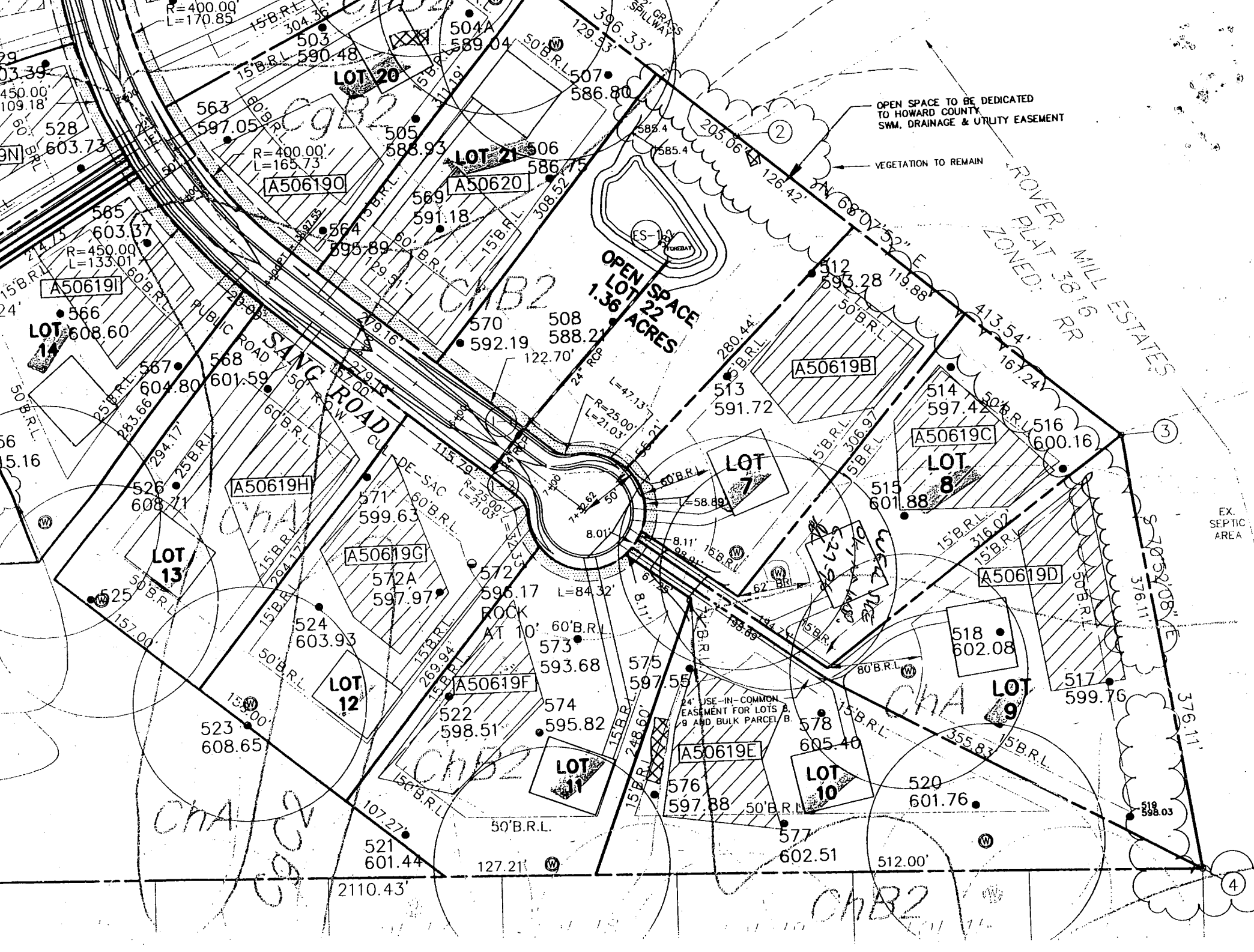
OPEN SPACE TO BE DEDICATED TO HOWARD COUNTY SWM, DRAINAGE & UTILITY EASEMENT

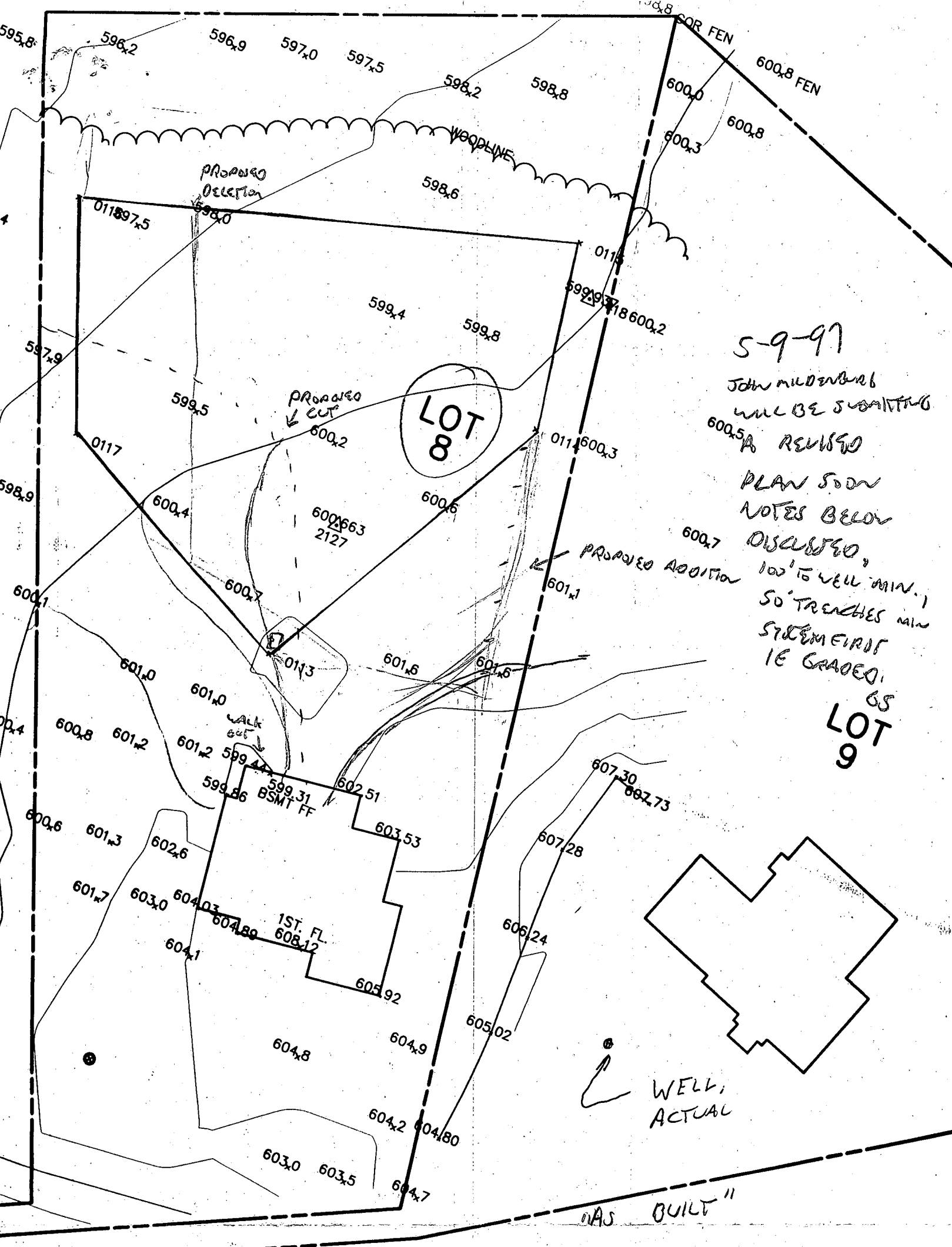
VEGETATION TO REMAIN

ROVER PLAT 38.16 RR ZONED: MILL ESTATES

EX. SEPTIC AREA

44' USE-IN-COMMON EASEMENT FOR LOTS 8, 9 AND BULK PARCEL B.





5-9-97
 JOHN MILDENBERG
 WILL BE SUBMITTING
 A REVISED
 PLAN SOON
 NOTES BELOW
 DISCUSSED
 100' TO WELL MIN. 1
 50' TRENCHES MIN
 SYSTEM FIRST
 IE GRADED
 AS
 LOT 9

PROPOSED GRADING REVISION / SOA

REVISION TO ACCOMMODATE WALK OUT BASEMENT THAT IS TOO DEEP
 JOHN MILDENBERG TO SUBMIT LOCATION FOR WELL ON LOT 9

PROPOSED GRADING OK, ADVISE INSTALLING SEPTIC SYSTEM EAST ADJUSTING
 SOA TO BETTER MATCH EXISTING SITE CONDITIONS IF IT IS RECONFIGURED
 MINIMAL RESTRICTIONS AS TO SOA RECONFIGURATION, REARWARD OK - WILL HAVE TO
 CUT TREES FOR REPAIR, IF SOA IS MOVED FORWARD TOWARDS THE RIGHT
 FRONT CORNER OF LOT ~~THE~~ POTENTIAL ADDITION AREA WILL BE LOST.
 - NEED REVISED PLAN ~~BY~~

POND DATA

TYPE = INFILTRATION

AREA = 20.3 ACRES

EXIST. RCN = 59

PROP. RCN = 59

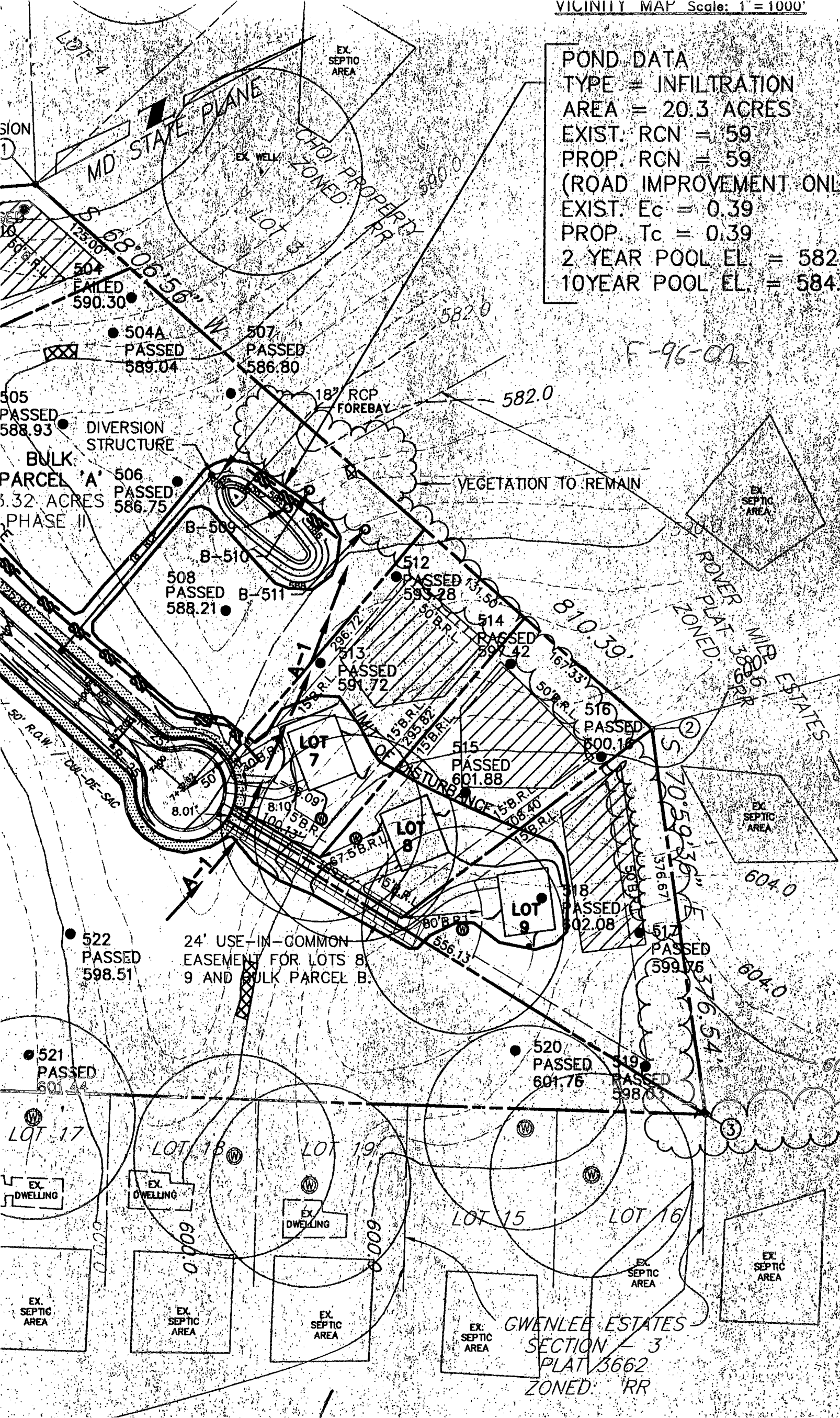
(ROAD IMPROVEMENT ONLY)

EXIST. E_c = 0.39

PROP. T_c = 0.39

2 YEAR POOL EL. = 582.0

10 YEAR POOL EL. = 584.0



F-96-02

(2)

(3)

GWENLEE ESTATES
SECTION 3
PLAT 3662
ZONED: RR

T. 38.16

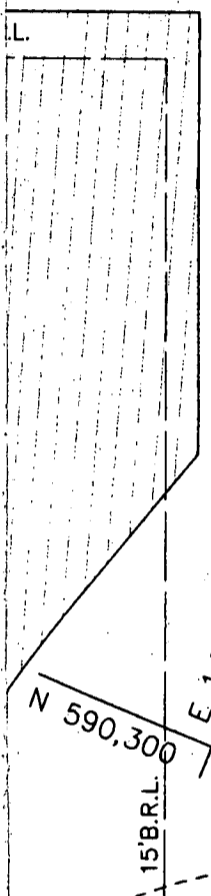
LOT 8



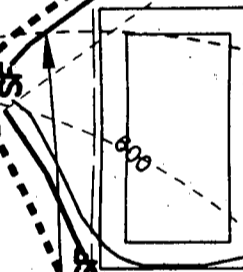
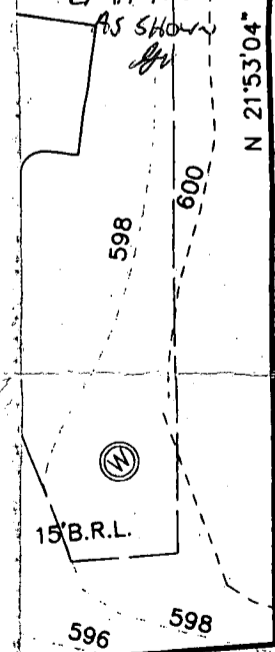
N 68°07'52" E 167.24

50' B.R.L.

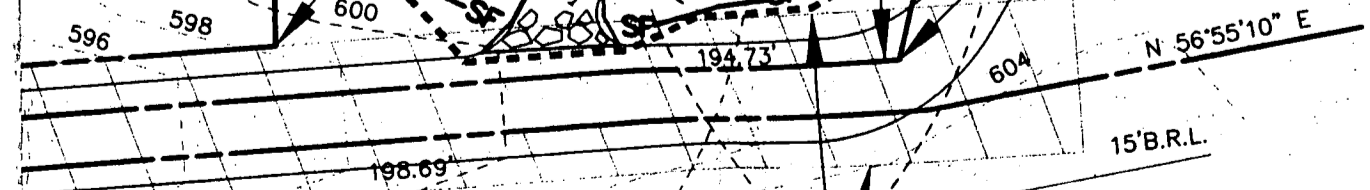
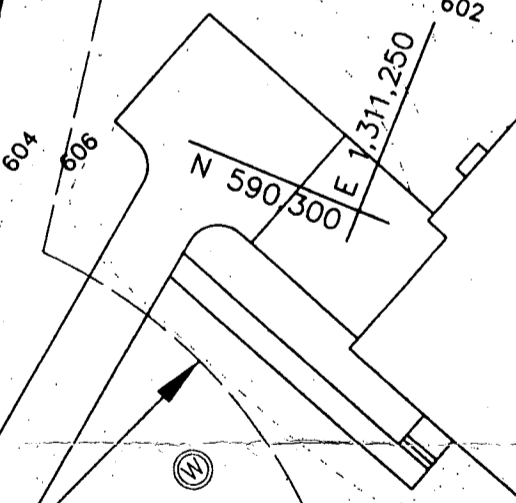
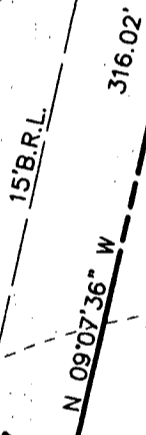
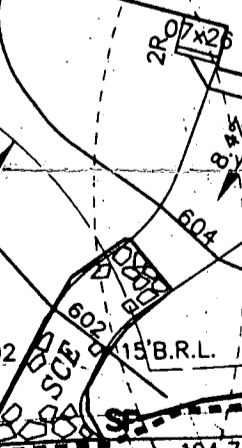
LOT 8



5/27/97
LP TANK OK
AS SHOWN



F.F. EL. = 607.84
B. EL. = 599.21
GAR. EL. = 606.50

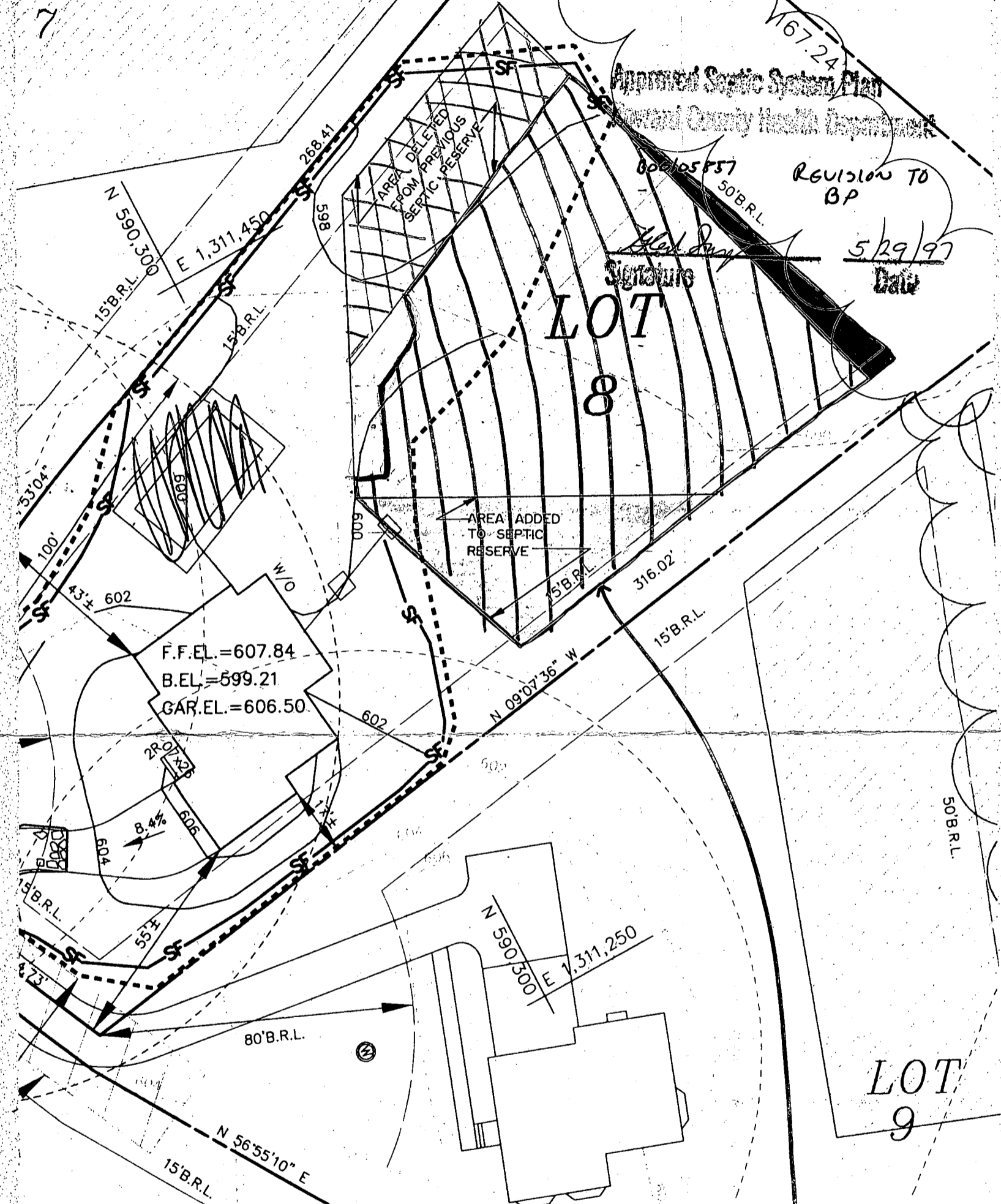


SITING

22
178
176
296
292

16 ESTATES

LOT 7



Approved Septic System Plan
Maricopa County Health Department

REVISION TO
BP

Signature
Date 5/29/97

F.F.EL.=607.84
B.EL.=599.21
GAR.EL.=606.50

LOT 8 SITE PLAN

SCALE: 1"=30'

- 10/16/00
Modified septic easement as of 10/16/00
- Area deleted for proposed pool 20' setback
- Area added on 10/16/00

SRK

KEEP WITH FILE - DO NOT DISCARD