

LAYOUT 4/5/04 ^{1PM} L4WPT INSP 4 _____
 INSP 2 _____ INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 3/2/2004
 APPROVAL DATE: 4/6/04

P 520077
 A 49119

PERMIT INDEXED

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

K & K Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS: 14960 Frederick Road, Woodbine PHONE NUMBER: 410-442-1336

SUBDIVISION: Koandah Gardens LOT NUMBER: 20

ADDRESS: 6817 Koandah Gardens PROPERTY OWNER: Dorr Property

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 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. 2.0 feet of stone below distribution pipe.
LOCATION:	Distribution box and trench location to be determined at the time of the layout inspection.
NOTES:	Basement does not sewer by gravity. Shallow system only.

PLANS APPROVED: Steven Krieg/Frank Alfonso DATE: 2/24/03

NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

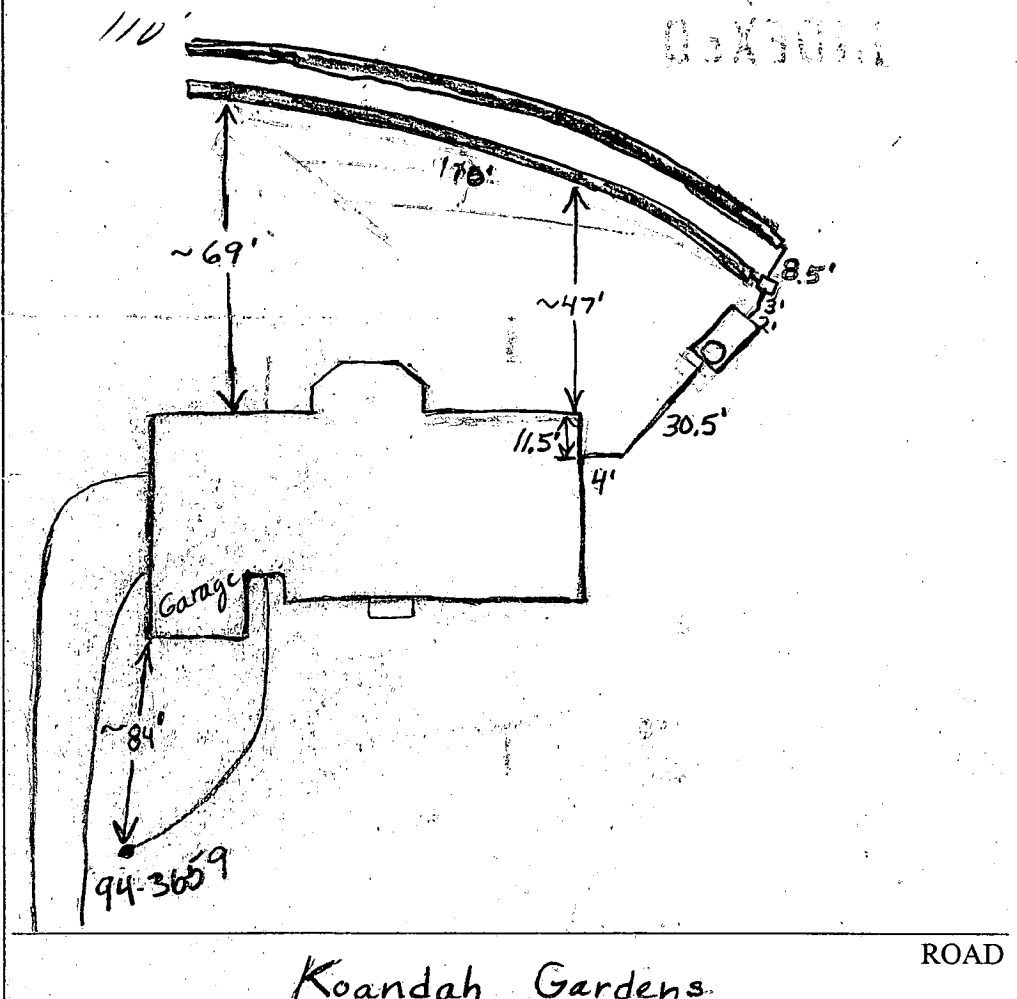
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**BUILDING PERMIT SIGNED
 AND RETURNED**

4/6/2004 B00147113 1000 gal UG PROPANE TANK
7-15-04 BODP9448-DEEK

A49119

NOT TO SCALE



Koandah Gardens

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'-4'	5.5'-6'
NUMBER OF TRENCHES	2	
TOTAL LENGTH	220'	
ABSORPTION AREA	660 7	
DISTRIBUTION BOX LEVEL	✓	
DISTRIBUTION BOX BAFFLE	Yes	
DISTRIBUTION BOX PORT	No	

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL ✓		
2-Comp.	CAPACITY	1520 GAL
	SEAM LOC	top
	TANK LID DEPTH	3'
	BAFFLES	Yes
	BAFFLE FILTER	No
	MANHOLE LOC	Front
	6" PORT LOC	None
	WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL N/A		
	CAPACITY	_____ GAL
	SEAM LOC	_____
	TANK LID DEPTH	_____
	BAFFLES	_____
	BAFFLE FILTER	_____
	MANHOLE LOC	_____
	6" PORT LOC	_____
	WATERTIGHT TEST	_____

PRE-CONSTRUCTION 4/5/04 SDA Staked & on center. tank set. Bld Hk to
 install (2) 100' trenches. (KB) 4/6/04 First trench done. Plumbing from
 INSTALLATION house to distribution box done. (BB)
 4/6/04 - OK to cover all work (SO)

FINAL INSPECTOR

DATE OF APPROVAL

4/6/04
 4/6/04

BUILDING PERMIT SIGNED

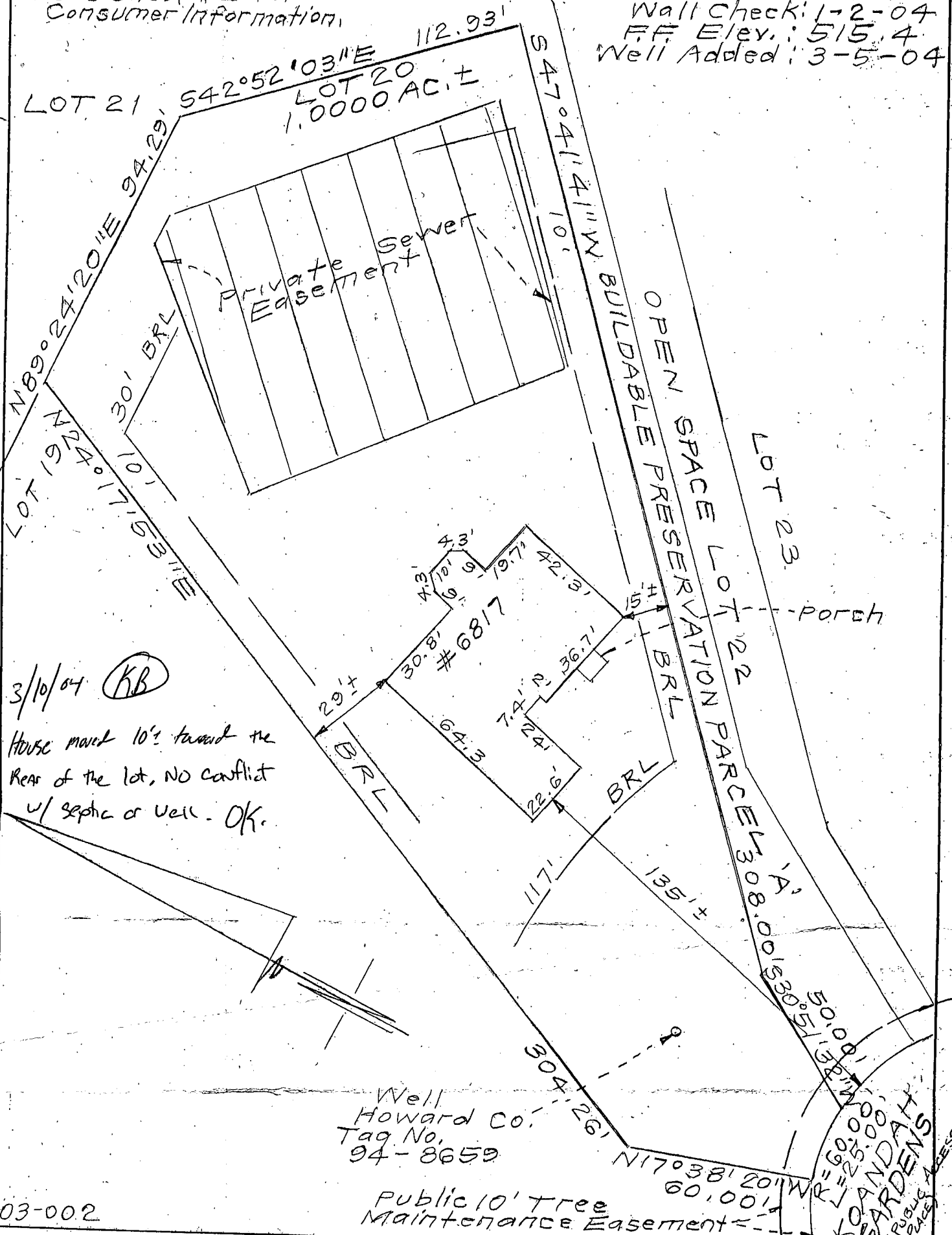
NOTE: This lot appears to lie in an area classified as Zone-C, area of minimal flooding, as shown on FIRM MAP of Howard Co., Md., Community-Parcel Number 24-0044-0037B, Panel 37 of 45, dated December 4, 1986.

LOCATION DRAWING
6817 KOANDAH GARDENS
LOT 20
KOANDAH GARDENS ESTATES
LOTS 16-28 &
PRESERVATION PARCEL A
(A RESUBDIVISION OF PARCEL A-2
PLAT NOS.)
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

NOTES:

- 1. The ± setback distance accuracy = 1'
- 2. See Sheet #2 for Consumer Information.

Wall Check: 1-2-04
FF Elev.: 515.4
Well Added: 3-5-04



3/10/04 (KB)
House moved 10' toward the rear of the lot, NO conflict w/ septic or well. OK.

Well
Howard Co.
Tag No.
94-8659

Public 10' Tree
Maintenance Easement

03-002

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this Property has been made under my supervision for the purpose of locating improvements shown hereon, and that they are located as shown.

CLARK, FINEFROCK & SACKETT, INC.

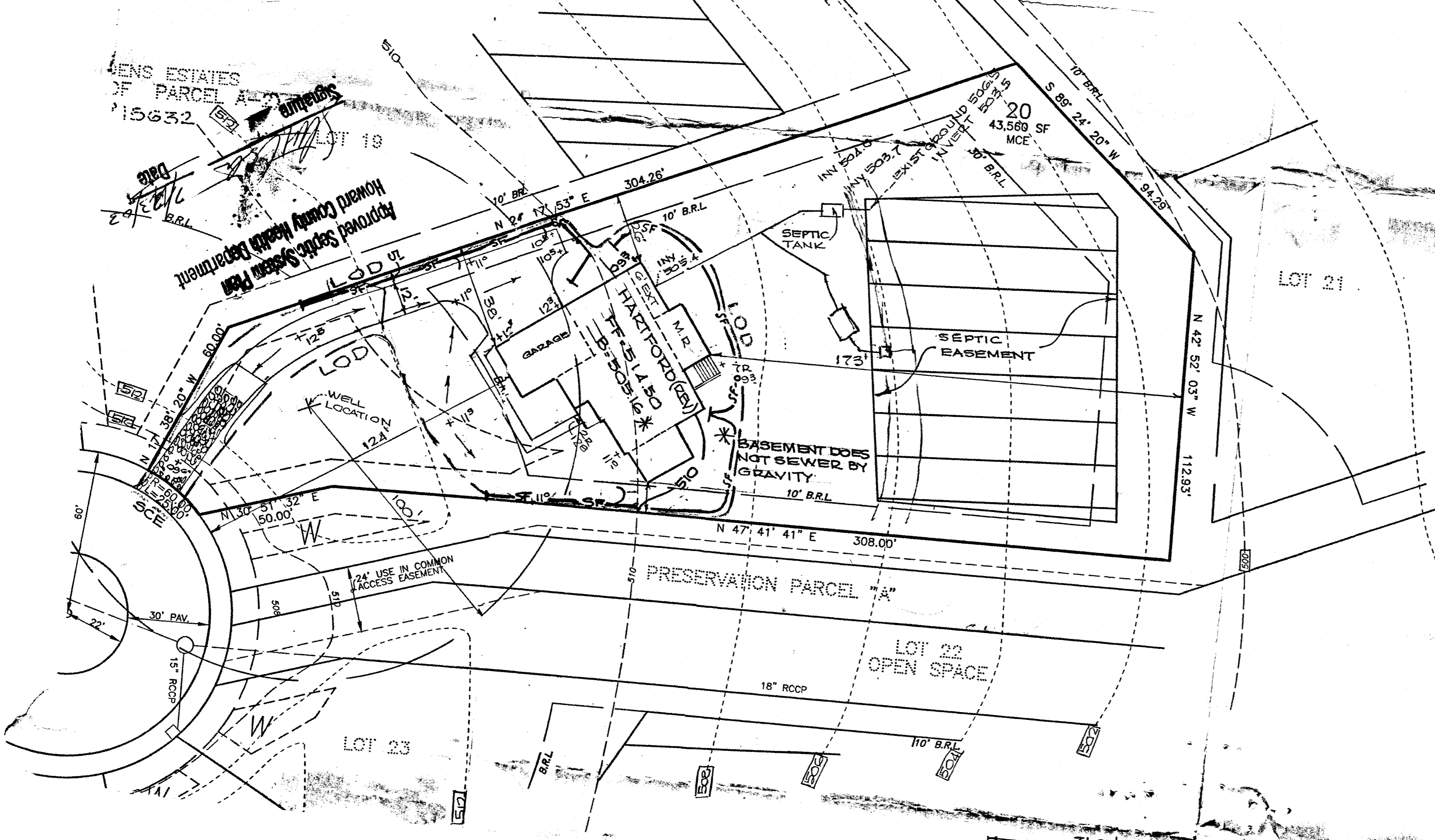
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY. COLUMBIA, MARYLAND 21045
TELEPHONE: BALT. (410)381-7500 • WASH. (301)621-8100

REFERENCE	DRAWN BY: KINC	CHECKED BY: MA
Plot M.D.R. No. 15632	DATE: 1-5-04	FILE NO.:
	SCALE: 1"=40'	11294-W

KOANDAH GARDENS
(RESUBDIVISION PARCEL A-2)

GENS ESTATES
OF PARCEL A-1
15632

Approved Septic System Plan
Howard County Health Department



GENERAL NOTES:

1. Subject property is zoned: RE-DEO. Per Comprehensive Zoning Plan, dated 10/18/93.
2. The total area included in this submission is : 43,037 S.F.
3. The total number of lots included in this submission is : 1.
4. Improvement to property : Single Family Detached.
5. Department of Planning and Zoning reference file numbers : VP 86-26, S87-49, P 87-53, F 87-200, F 86-91, F 90-76, F 95-121, F 97-145, S 99-07, P 01-003, F 02-04.
6. Any damage to county owned rights-of-way shall be corrected at the developer's expense.
7. All roadways are public and existing.
8. The existing on-site topography was field run by Shanaberger & Lane with a (max. two foot) contour interval in February of 1987 and updated in October, 1989, May, 1998, & June, 2000.
9. The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers : 2335001 & 2336006.
10. The contractor shall notify the Department of Public Works/ Division of Construction Inspection at (410) 313-1880 at least 5 days prior to the start of work.
11. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
12. For driveway entrance details, refer to Ho. Co. Design Manual Volume IV details R.6.03 & R.6.05.
13. In accordance with Section 128 of the Ho. Co. zoning regulations, bay windows, chimneys or exterior stairways not more than 16 feet in width may project not more than 4 feet into any setbacks, porches, or decks, open or enclosed may project not more than 10 feet into the front or rear yard setback.
14. Forest Conservation requirements have been met through retention surety provided in the amount of \$54,2750.76.

71.67
12.0 15.34 23.33 21.0

C1 14149

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A49119

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 4 25 03

Depth of Well 520 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3659

OWNER BAY COUNTRY LAND COMPANY STREET OR RFD KOANDAH GARDENS COURT TOWN HIGHLAND SUBDIVISION KOANDAH GARDEN ESTATES SECTION LOT 20

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand, Gray Mica, and Rock.

GROUTING RECORD form including fields for WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form including fields for casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form including fields for diameter, depth.

SCREEN RECORD form including fields for screen type or open hole, insert appropriate code below, DEPTH (nearest ft.).

DEPTH (nearest ft.) form including fields for diameter of screen, SLOT SIZE, GRAVEL PACK.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form including fields for TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form including fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form including fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

LOCATION OF WELL ON LOT form including a diagram and instructions to show permanent structures and landmarks.

Administrative fields including NUMBER OF UNSUCCESSFUL WELLS, WELL HYDROFRACTURED, DRILLERS LIC. NO., DRILLERS SIGNATURE, LIC. NO., and SITE SUPERVISOR.

B 1 5122

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 518585 please type

STATE PERMIT NUMBER

HO-94-3659 fill in this form completely

Date Received (APA) 03-21-03

OWNER INFORMATION

Bay Country Land Co. P.O. Box 1071 Severna Park Md.

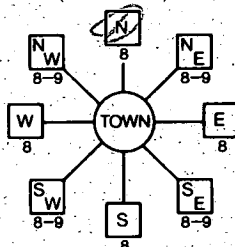
LOCATION OF WELL

Howard County Koondah Garden Est Highland

DRILLER INFORMATION

Joseph L. Mayne MS D 024 5512 Ridge Rd. Mt Airy Md. 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Koondah Gardens Ct

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) EAST

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A 49119 COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 04-15-03 CO SIGNATURE EXP. DATE 4/15/04

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jettied & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic, Rotary) CABLE REVERSE-ROTARY DRIVE-POINT

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)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

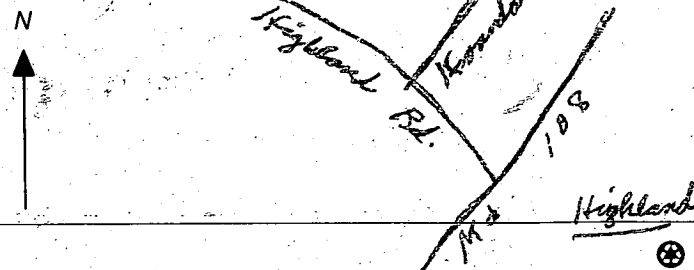
APPROX. PERMIT NUMBER G PERMIT No. HO-94-3659

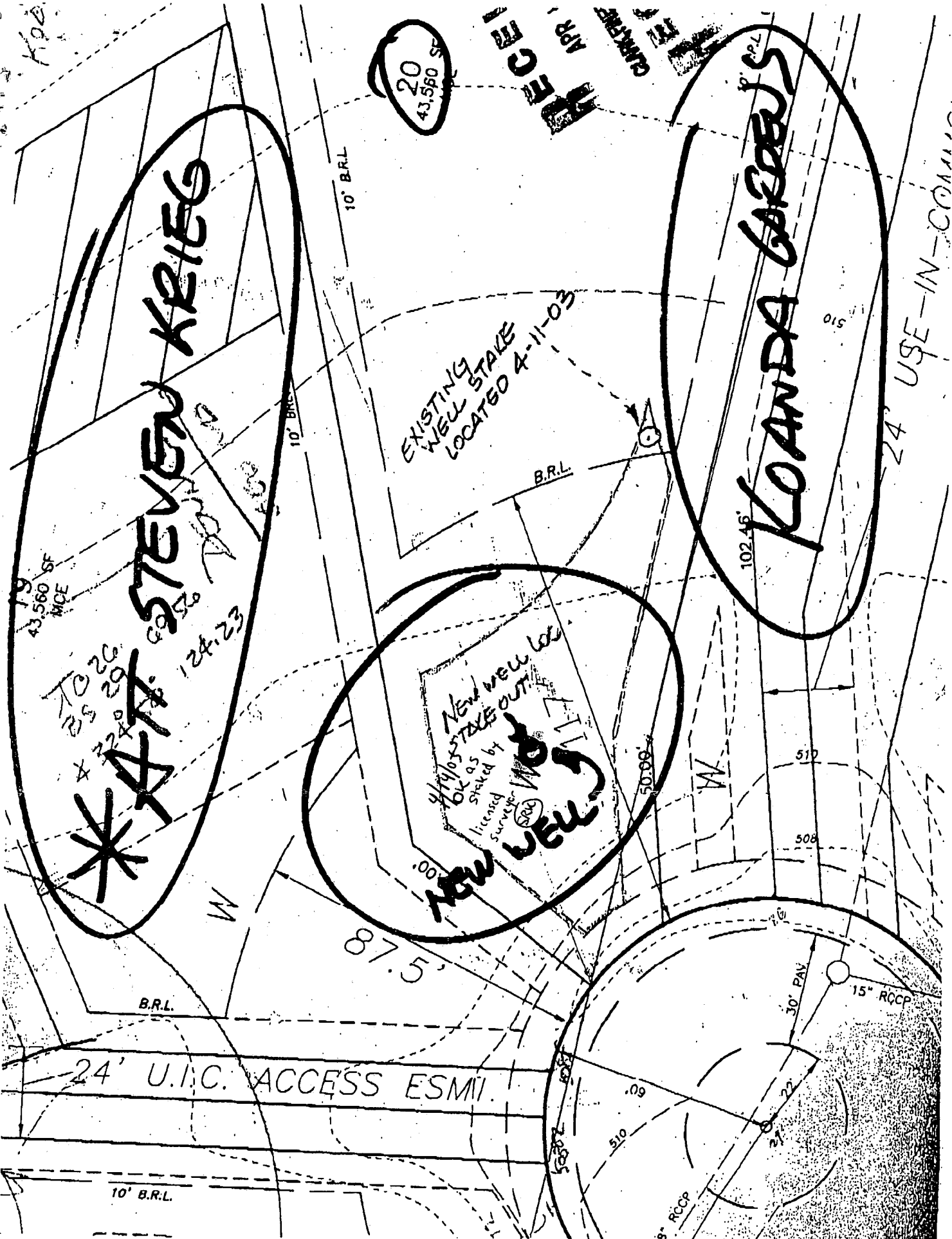
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8102 N 4902

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





WT highest in Jan 97, March drops in Mar + April 97, but still relatively high (0.3' drops from 3/17/08 to 4/1/08)

Year	Test Date	Test #	Rate - depth	Visual Probe Depth	P/F	WT if any	Remarks
1997	3/11/97	311A	6 @ 3 1/2	11 1/2	P	slightly	(25) + water @ 10 1/2' in Jan 97 Nearest old 197 clay @ water Brun CL to 3, set OK to 8 1/2 (Water Table lower in March than Jan 97) None of these test is in proposed SDA Apr 8/99 OK @ 8' CL to 3', barbed wire set on
		311B	7 @ 3 1/2	10 1/2	P		
		311C	7 @ 3 1/2	11'	P		
		311D	22 @ 3 1/2	10'	P		
		180	4 @ 3 1/2	11'	P		
1997	4/2/97	191	4 @ 2'	9 1/2'	F	Aut. @ 1 1/2'	Needs to show these test holes in plan
		192	2 @ 6'	11'	F	? WT @ 8 1/2'	
		198	2 @ 3 1/2'	11'	P	dry	
		181	2 @ 4'	17'	P	dry	
1993	4/28/93	6	3 @ 3 1/2'	13'	P	dry	OK @ 3 1/2' + 7' typical 180 come Brun CL to 3', barbed wire on set 6 1/2'
		182	7 @ 4'	12'	P	dry	No soil profile assume similar to 180's
1993	4/28/93	183	2 @ 8'	12'	P	dry	Red SCL to 4', Brun clay to 2 1/2', orange SC to 5' Tan SC to 12' Brun CL to 6 1/2' dark grey lim. mic. lam. 6 1/2 - 10 1/2
		7	6 @ 7'	14 1/2	P	WT @ 14'	
		8	3 @ 7'	13 1/2	P		
		184	OK to 6 1/2'	12'	P		
		2 +	10 1/2'	F			
1993	4/28/93	13	4 @ 4 1/2'	13'	P	water @ 10 1/2'	
		178		8 1/2		water @ 8 1/2'	
		17	Test done @ 3 1/2' + slow @ 5'	13'			same profile perc 16 psi @ 5 1/2', too slow higher SCL to 3', tan/grey FSL 6% foggs clay @ 7 1/2 - 8'
1993	4/28/93	18	4 @ 5', 16 @ 5 1/2'	11 1/2'		water @ 11'	
		19	9 @ 3 1/2'	10 1/2'	F	water @ 9'	
1993	4/28/93	15	No Test				
		16	9 @ 4'	13'	P		Brun orange SCL to 3' Brun orange white PSL 3'-13' CL to 4', Brun SCL / orange but white binding to 10 1/2' ft (100' from #3) (280' from pond near bridge)
1993	4/28/93	179	isoe in number 179	10 1/2'			
		2	4 @ 3 1/2'	11 1/2'	P	water @ 10 1/2'	
		3	17 @ 5 1/2'	10'	F	water @ 9'	
		3	3 @ 2 1/2'	8 1/2'	F	water @ 5'	
		4	3 @ 2 1/2 @ 3'	13 1/2'	P	water @ 12'	Brun SCL to 2', FSL to 5' (tan) @ 2 - 13 1/2'
1993	4/28/93	5	5 @ 3 1/2'	12 1/2'	P?	water @ 11'	

get final prep contracts for 8/24 (Tues) @ Durce consolidated for time lab gardens

SDA
1/2/97
not shown in plan

Needs to show these test holes in plan
1/2/97
4/28/93

hill area
4/28/93

outlet area
4/28/93

see also SDA Community
4/28/93

COUNTY #

SOIL PROFILE

0'
 (6) (7)
 yel brn
 sa cl
 lm

1 1/2'
 brn beige
 tan
 sand

sa lm
 10% frags

13'
 (8)
 dk. red
 sa cl lm

4'
 brn.
 tan mica
 sa lm

10%
 frags

13 1/2'
 (9) (10)
 dk. brn
 red
 sa cl lm

tan beige
 sa lm

10% frags

SEE ATTACHED

SOIL PROFILE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/28/93	6 S	3 1/2	11:25	11:28	11:28	11:31	3
	6 V	13	H ₂ O @	12 1/2			
	7 S	4	11:46	11:50	11:50	12:00	10
	7 M	7	11:47	11:49	11:49	11:52	3
	7 V	14 1/2	H ₂ O @	14			
	8 S	4 1/2	11:56	11:59	11:59	12:05	6
	8 V	13 1/2					
	9 S	4 1/2	12:04	12:05	12:05	12:13	8
	9 V	13 1/2					
	10 S	4	12:07	12:11	12:11	12:16	5
	10 V	14					

n=6

TOT 35

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT J. Sanborn, R. Demmit, Hoeman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

3 1/2' 14

KOANDOAH GARDENS
Phase I
Septic Disposal Areas (SDA)

SDA 1 (11,700 sf)

Test	Yr.	Depth	Minutes
11	4/93	36"	12
12	4/93	48"	11
13	4/93	54"	4
14	4/93	42"	22

Lot 17

SDA 6 (10,230 sf) *Made W.S. eval*

Test	Yr.	Depth	Minutes
22D	7/99	42"	28 ✓
22B	7/99	39"	7 ✓
22C	7/99	38"	7 ✓
22A	7/99	40"	2.5 ✓

water @ 10' in July drought year - very dark soil @ 6"

SDA 2 (11,875 sf)

Test	Yr.	Depth	Minutes
2	4/93	42"	4
17	4/93	62"	16
18	4/93	42"	9
178	1/97	8'6"	no test - water

SDA 7 (10,440 sf) *Needs W.S. eval*

RATG: 20 mpi *area @ Head of Swale*

Test	Yr.	Depth	Minutes
23D	7/99	38"	57 ✓ <i>in Fall</i>
23B	7/99	39"	45 ✓ <i>Fail regular perc test</i>
23C	7/99	40"	11 ✓
195	1/97	48"	3

23A water table @ 8 1/2 ft on 7/9/99 (drought year summer)
Fail @ 38 (37 mpi) + 44 (35 mpi)

SDA 3 (11,300 sf)

Test	Yr.	Depth	Minutes
8	4/93	54"	6
7	4/93	48"	10
183	1/97	12'	no test - water
182	1/97	48"	7 (adj. area)

Lot 19

SDA 8 (10,080 sf) *Needs W.S. eval*

area @ Head of Swale

Test	Yr.	Depth	Minutes
24A	7/99	41"	14 ✓
24B	7/99	47"	2 ✓
196	1/97	24"	2
175	1/97	42"	18
176	1/97	43"	12

see 23A - water table @ 8 1/2 in July

Lot 24

SDA 4 (10,000 sf)

Test	Yr.	Depth	Minutes
181	1/97	11'	no test
180	1/97	42"	4
6	4/93	42"	3

Lot 20

SDA 9 (10,010 sf)

Test	Yr.	Depth	Minutes
170	1/97	42"	5
171	1/97	48"	9
172	1/97	42"	7
173	1/97	36"	18
174	1/97	48"	11

SDA 5 (10,000 sf) *Needs W.S. eval.*

Test	Yr.	Depth	Minutes
21A	7/99	42"	5 ✓
21B	7/99	40"	2.9 ✓ <i>(No clock time recorded)</i>
A2D	7/99	33"	10
21C	7/99	38"	15.5 ✓
21D	7/99	39"	10 ✓

A2C - water level @ 8 ft on 7/9/99 (Summer drought year)
A2E - 42" 15 mi

SDA 10 (10,080 sf)

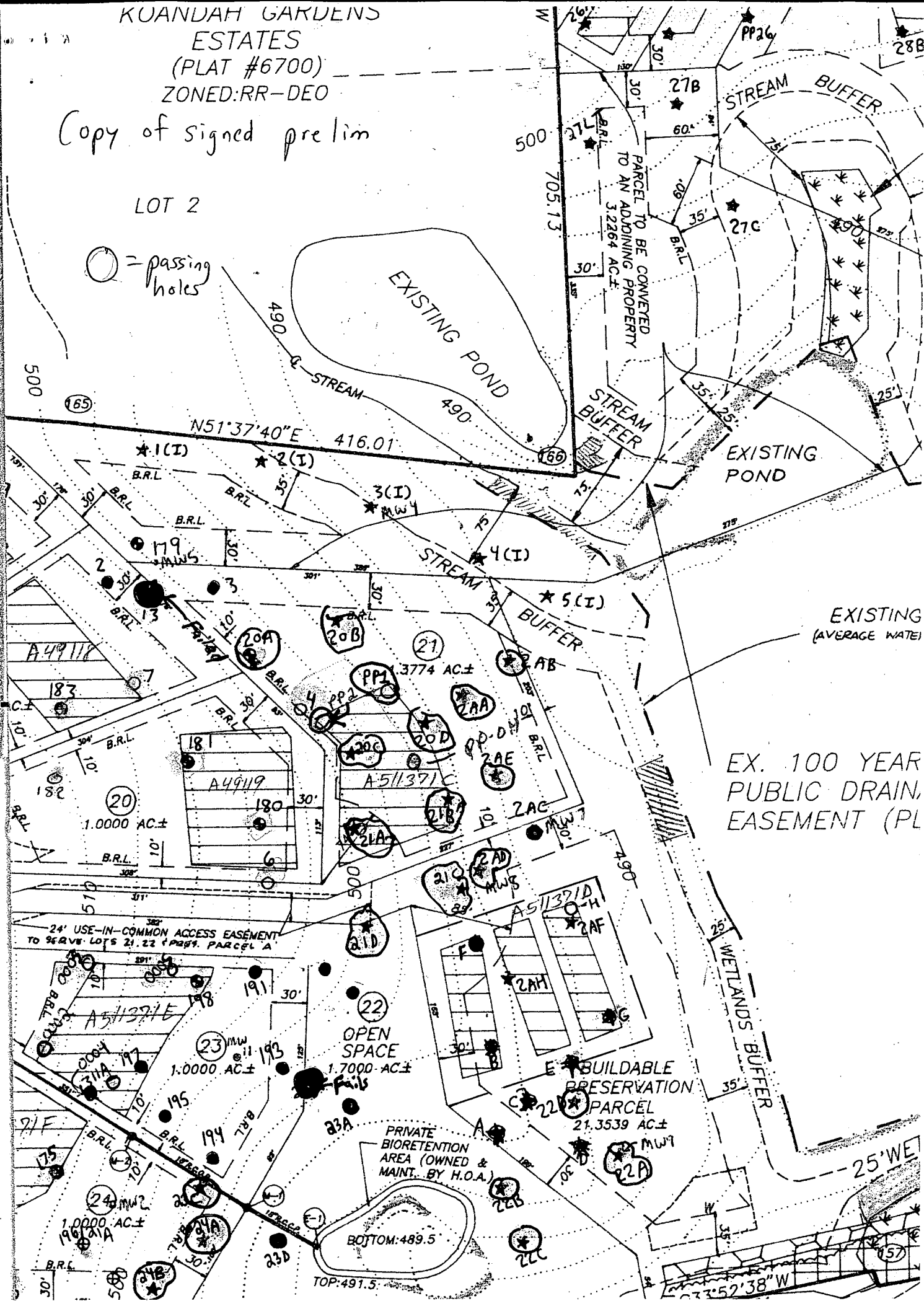
Test	Yr.	Depth	Minutes
168	1/97	48"	7
169	1/97	36"	5
169A	1/97	36"	4

KUANDAH GARDENS
ESTATES
(PLAT #6700)
ZONED:RR-DEO

Copy of signed prelim

LOT 2

○ = passing holes



EXISTING (AVERAGE WATER)

EX. 100 YEAR PUBLIC DRAIN EASEMENT (PL

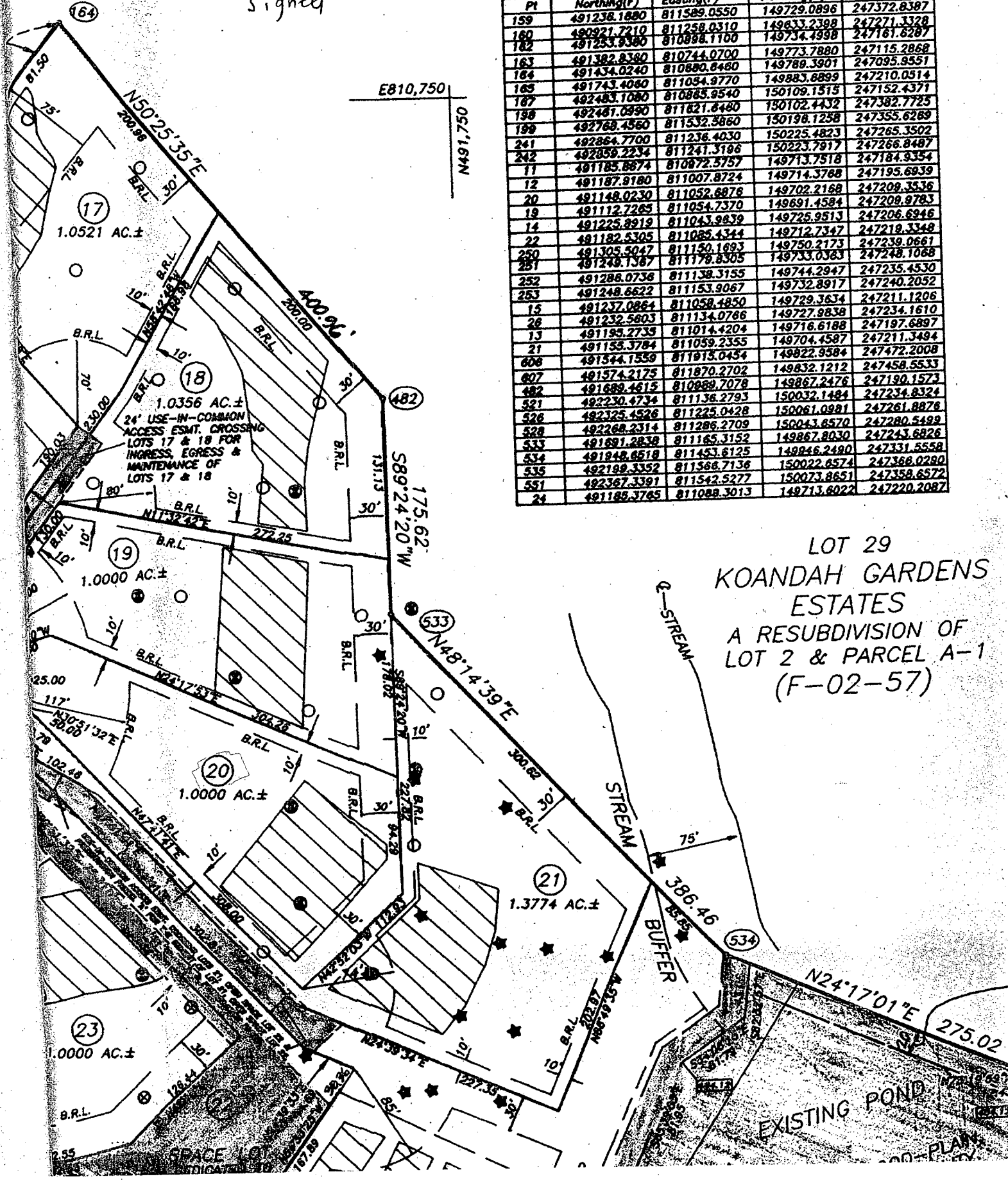
F-07-05

All perc test holes
excavated not shown

Signed

COORDINATE TABLE

Pt	Northing(F)	Easting(F)	Northing(M)	Easting(M)
159	491236.1880	811589.0550	149729.0896	247372.8387
160	490921.7210	811258.0310	149633.2388	247271.3328
162	491233.9380	810888.1100	149734.4998	247161.6287
163	491382.8380	810744.0700	149773.7880	247115.2868
164	491434.0240	810880.6480	149789.3901	247095.9551
165	491743.4080	811054.9770	149883.8899	247210.0514
167	492483.1080	810885.9540	150109.1315	247152.4371
187	492481.0990	811821.6480	150102.4432	247382.7725
198	492768.4560	811532.5860	150198.1258	247355.6269
241	492864.7700	811236.4030	150225.4823	247265.3502
242	492858.2234	811241.3186	150223.7917	247266.8487
11	491185.8874	810872.5757	149713.7518	247184.9354
12	491187.9180	811007.8724	149714.3788	247195.6939
20	491148.0230	811052.8878	149702.2168	247209.3536
19	491112.7265	811054.7370	149691.4584	247209.9783
14	491225.8919	811043.9839	149725.9513	247206.6946
22	491182.5305	811085.4344	149712.7347	247218.3348
250	491305.5047	811150.1693	149750.2173	247239.0661
251	491249.1387	811179.8305	149733.0383	247248.1068
252	491286.0736	811138.3155	149744.2947	247235.4530
253	491248.6622	811153.9067	149732.8917	247240.2052
15	491237.0864	811058.4850	149729.3634	247211.1206
26	491232.5803	811134.0766	149727.9838	247234.1610
13	491185.2735	811014.4204	149716.6188	247197.6897
21	491155.3784	811059.2355	149704.4587	247211.3484
608	491344.1558	811915.0454	149822.9584	247472.2008
607	491574.2175	811870.2702	149832.1212	247458.5533
482	491689.4615	810889.7078	149867.2476	247190.1573
521	492230.4734	811136.2793	150032.1484	247234.8324
526	492325.4526	811225.0428	150061.0981	247261.8876
528	492268.2314	811286.2709	150043.8570	247280.5489
533	491691.2838	811165.3152	149867.8030	247243.6826
534	491848.6518	811453.6125	149846.2480	247331.5558
535	492199.3352	811568.7138	150022.6574	247368.0280
551	492387.3391	811542.5277	150073.8651	247358.6572
24	491185.3765	811088.3013	149713.6022	247220.2087



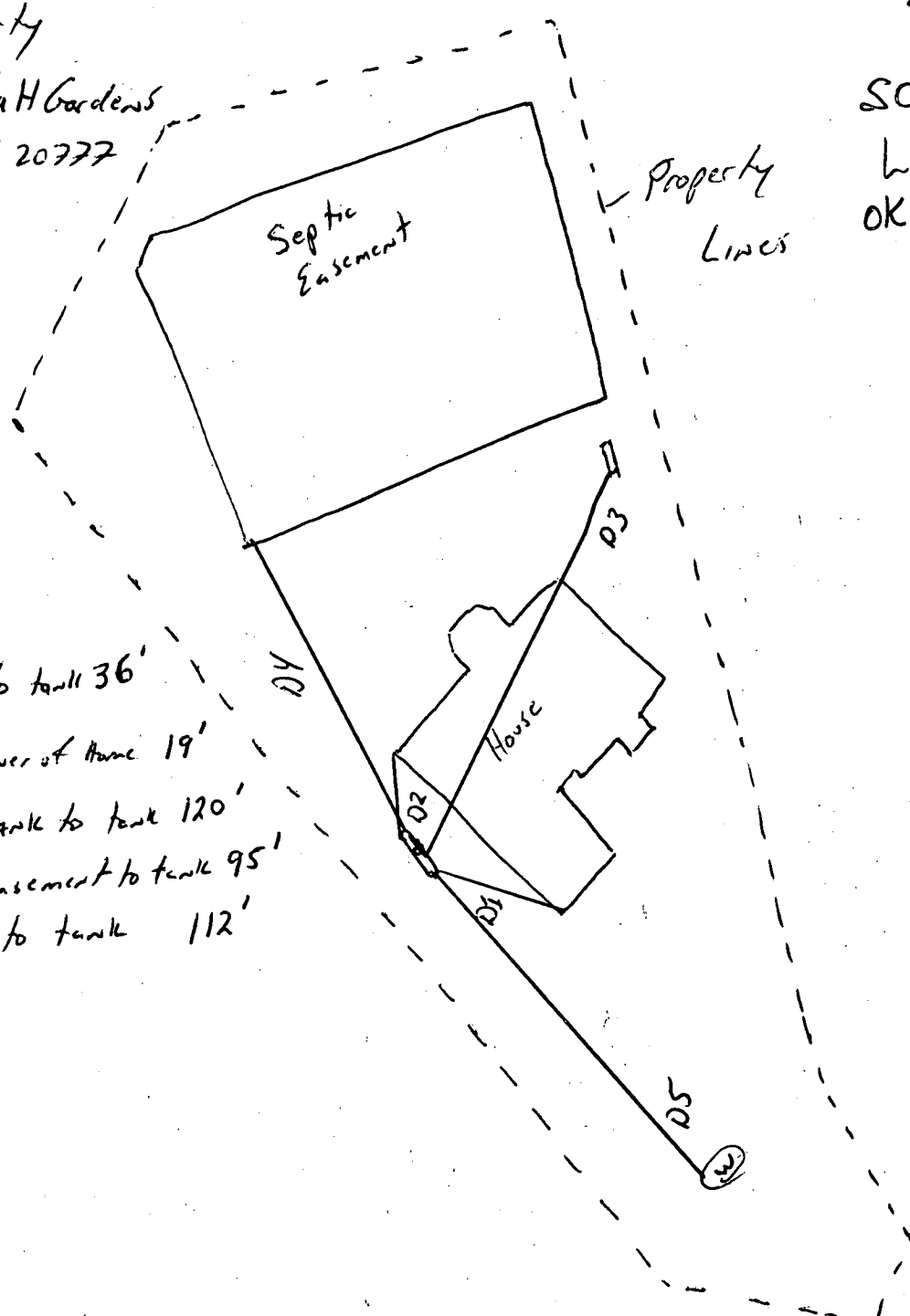
LOT 29
KOANDAH GARDENS
ESTATES
A RESUBDIVISION OF
LOT 2 & PARCEL A-1
(F-02-57)

Dorr Property
6817 Koanda Gardens
Highland, Md 20777

4/6/04
Plan to
Scale
LP location
OK-800147113
(KN)

1000 gal
Propane Tank
16' x 41" wide

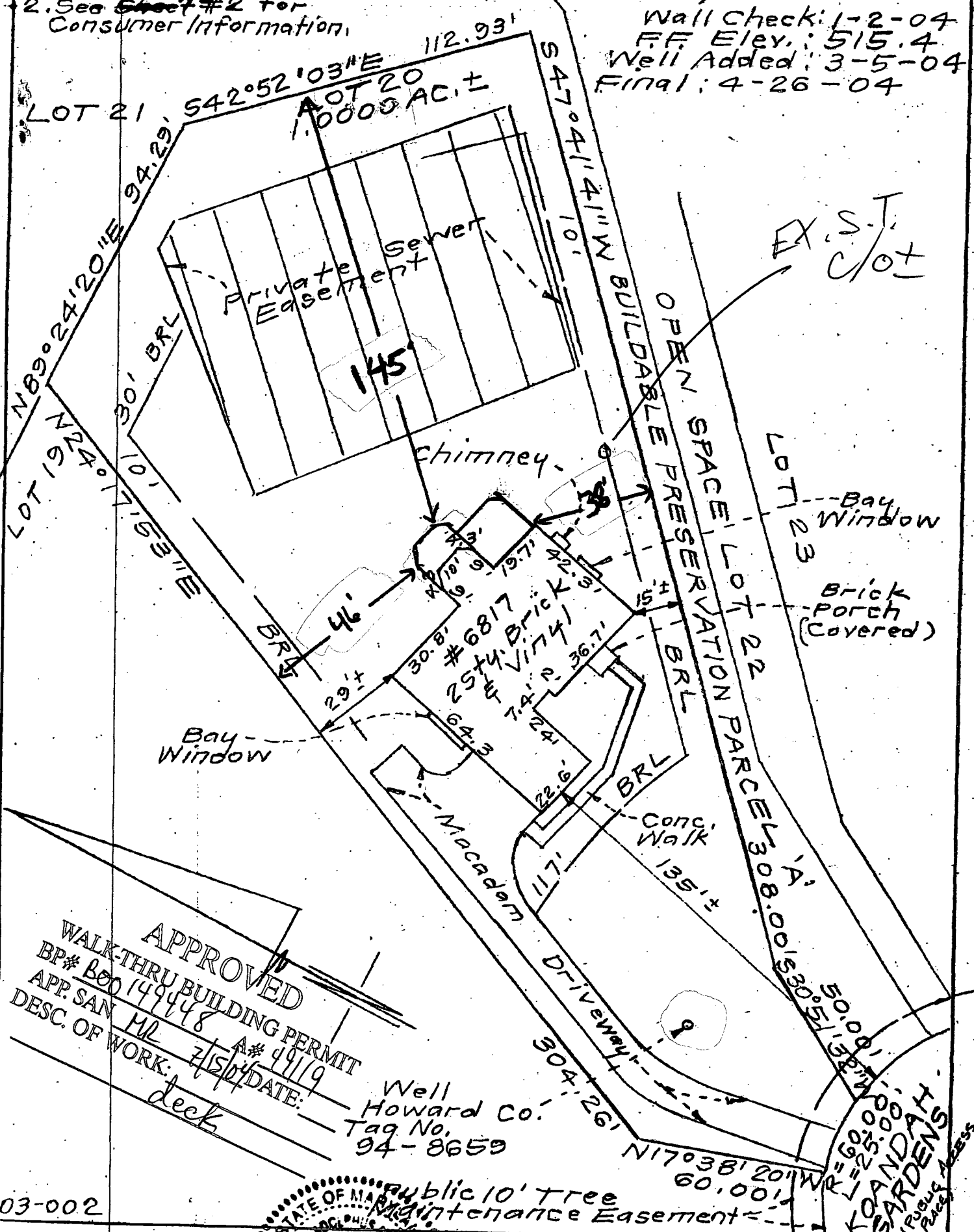
- D1 From Garage to tank 36'
- D2 From Back Corner of Home 19'
- D3 From Septic tank to tank 120'
- D4 From Septic Easement to tank 95'
- D5 From Well to tank 112'



Scale is 1" = 50'

2. See Sheet #2 for
Consumer Information.

Wall Check: 1-2-04
F.F. Eley.: 515.4
Well Added: 3-5-04
Final: 4-26-04



APPROVED
WALK-THRU BUILDING PERMIT
 BP# B00149448
 APP. SAN ML
 DESC. OF WORK: deck
 DATE: 7/5/04
 A# 49119

Well
 Howard Co.
 Tag No.
 94-8659

03-002

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey
Property has been made under my supervision



CLARK, FINEFROCK & SACKETT, INC.

ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY COLUMBIA, MARYLAND 21045
TELEPHONE: BALT. (410)381-7500 • WASH. (301)621-8100

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

13224944

Building Address 6817 Koroindah Gardens
Highlands MD 20777
 Suite/Apt. #: _____ SDP/WP/Petition #: _____
 Census Tract 60501 Subdivision Koroindah Gardens
 Section _____ Area _____ Lot 20
 Tax Map 40 Parcel 75 Grid 4
 Zoning R2050 Map Coordinates 148N Lot size _____

Property Owner Name Sue & Marty Levin
 Address 681 Koroindah Gardens
 City H. blc id State MD Zip Code 20777
 Home Phone 301-851-9005 Work Phone _____
 Applicant's Name & Mailing Address, (if other than stated hereon): _____
 Phone _____ Fax _____

Existing Use SFD
 Proposed Use SFD w/ deck
 Estimated Construction Cost \$ 8500
 Description of Work 400 sq ft screened covered deck on rear of house w/ steps to grade

Contractor Company Robson's Remodeling
 Contact Person Craig Robson
 Address 6821 Koroindah Gardens
 City Highland State MD Zip Code 20777
 License No. 92108
 Phone 301-859-0591 Fax 301-859-0542

Occupant or Tenant Same as owner
 Contact Name _____
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____ Fax _____

Engineer or Architect Company _____
 Contact Person N/A
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame	Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression # of Heads _____
<input type="checkbox"/> State Certified Modular	

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
1st floor: _____	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
2nd floor: _____	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
Finished Basement <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other
No. of Bedrooms _____	
Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	
Other Structure: _____ Dimensions: _____ Footings: <u>2.0 - 2.5 ft</u> Roof: _____	
<input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION, (2) THAT THE INFORMATION IS CORRECT, (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO, (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION, (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature [Signature]
 Title/Company Owner Robson's Remodeling
MD 7/15/04

Print Name J Craig Robson
 Date 7/15/04

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
 ** PLEASE WRITE NEATLY AND LEGIBLY **

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