

Open Septic tank Hole
Insp'd 3/26/96 (AM)
4/4/96
ASAP
4/3/96 11500

4/4/96 Needs
house connected
DKS

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56516

A 41031

DISTRICT 4th

DATE 3-22-96

DATE SYSTEM APPROVED 4-15-96

INSPECTOR AS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

D & D Horner

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 14706 Albert Staub Rd PHONE (301) 271-4502

SUBDIVISION Boka Valley Estates LOT 8 ROAD Boka Valley Court

PROPERTY OWNER Scott Stuckley

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 158

TRENCHES - Trench to be 2 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION- Place the distribution box 310' off the 240.00' lot line and 165' off the rear (703.73') lot line as seen when facing the lot from Boka Valley Court.

NOTES - Run trenches on contour towards the rear lot line.
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/8/95 DKS
~~two 105' long trenches are acceptable (even if slightly out of SDA)~~ R/S 3/22/96

PLANS APPROVED BY Donna K. Soe Revised _____ DATE 11/7/95

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

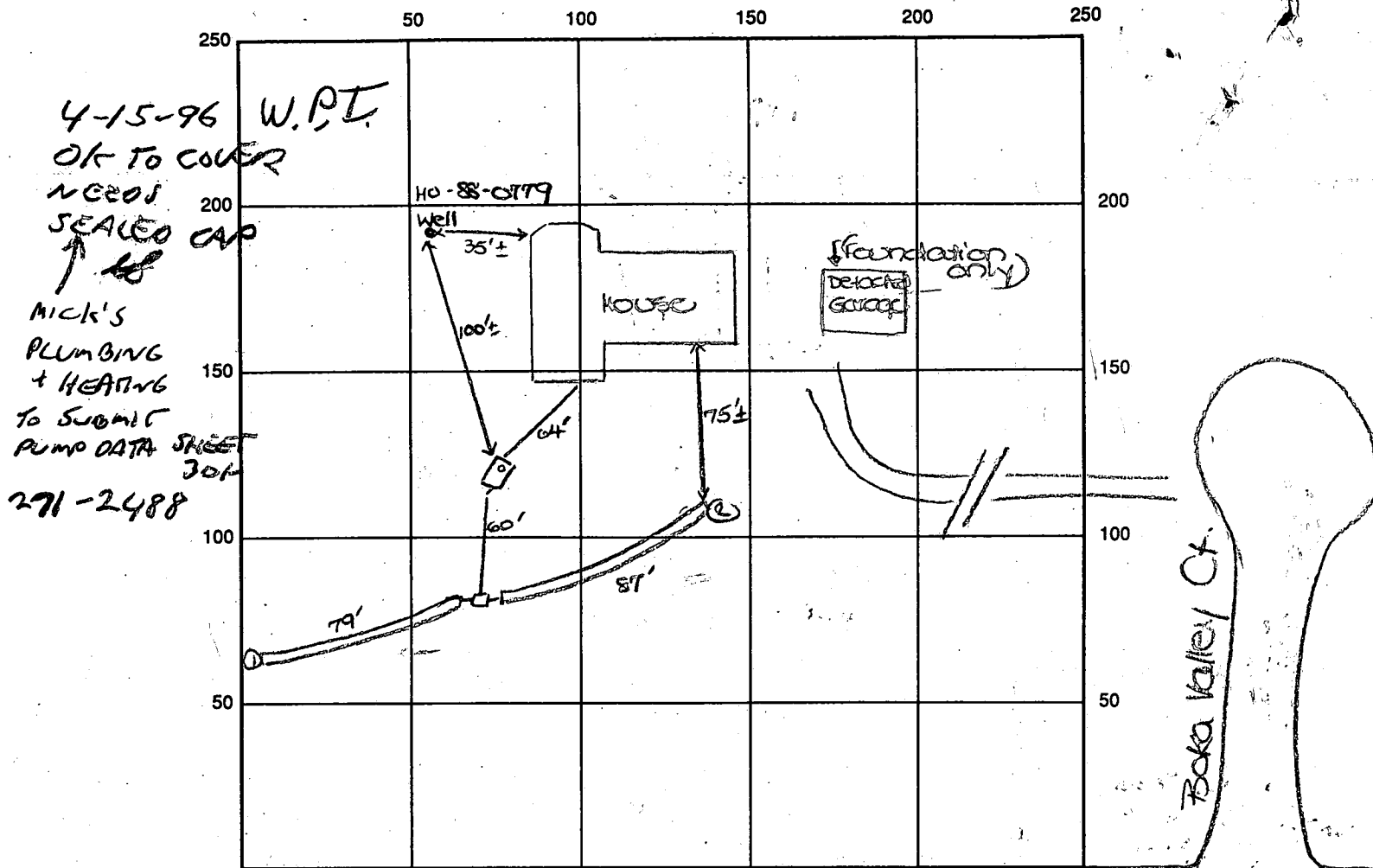
PERMIT VOID AFTER TWO YEARS

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

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

A 41031



SEPTIC TANK LEVEL OK - 1250 GAL CLEANOUTS one on st.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 79 FT. → 166' total

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 664 SQ. FT.

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

ABSORBENT AREA 664 SQ. FT.

REMARKS: S.T. Hole only 75' from well - should move to 100' as per Plan. AP 3/26/96

Soil OK for Mid-Summer Septic Tank 3-29-96 OK TO CONTINUE - WILL CALL FOR OPEN

TRENCH INSP. 4-1-96 NO WORK TODAY. JH

4/3/96 OK to cover from 2' off house to d.b. OK to stone

trenches. DKS 4-15-96 HOUSE CONNECTION & JH

4/4/96 OK to cover all work except 2' off house. Needs house conn.

DATE SYSTEM APPROVED 4-15-96 INSPECTOR W.H. Jantz DKS

APPLICATION

PERCOLATION TESTING

A 41031

P _____

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

DISTRICT 4TH

DATE 2-24-88

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 ROBERT + KAREN RYNARZEWSKI

ADDRESS 1227 CARTLEY COURT PHONE 442-1377

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION BOKA VALLEY ESTATES PARCEL 2 LOT NO. 4 NEW 1 (Sept 88)

ROAD AND DESCRIPTION 1800 BLOCK, EAST SIDE DAISY RD. APPROX .7 MILE
SOUTH RT. 144.

TAX MAP 8 PARCEL # 43

SIZE OF LOT 10.0 ACRES TYPE BLDG SINGLE FAMILY
(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.

Karen R. Rynarzewski
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

Know
A4103 SEE PLAT

? Parcel 2

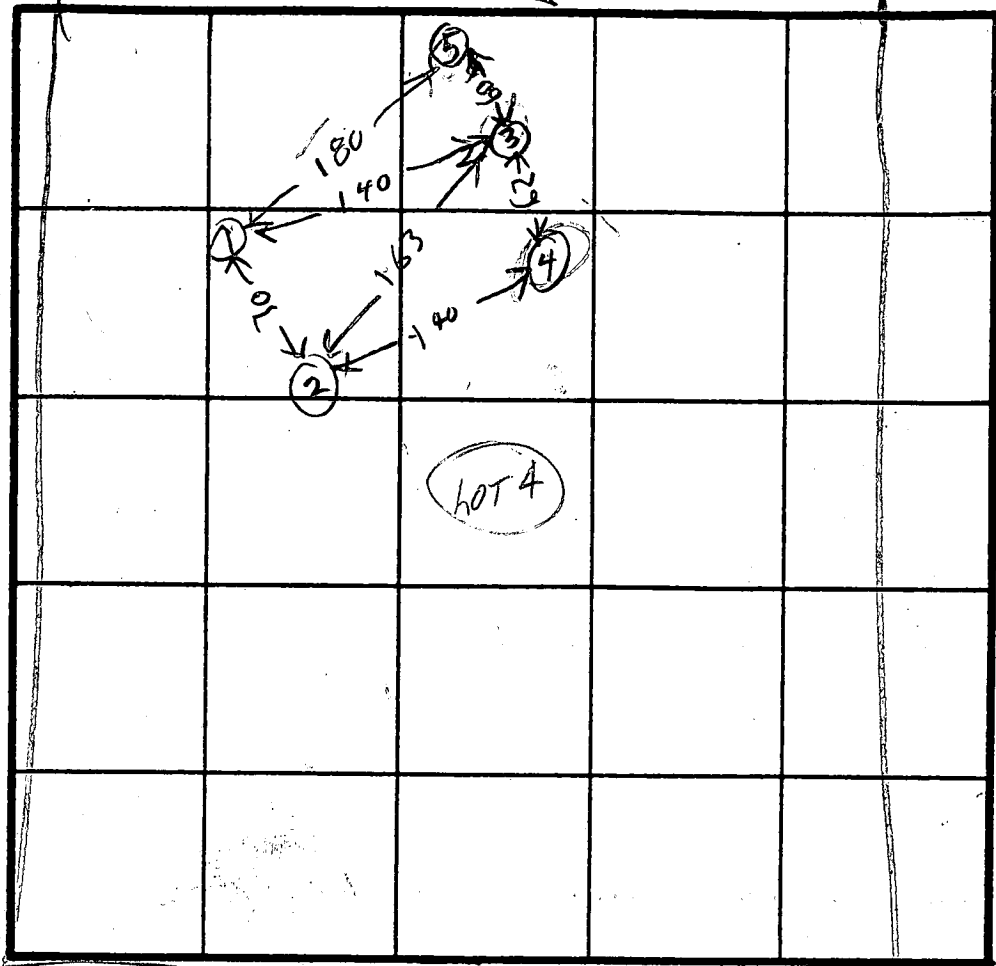
SOIL PROFILE

BROWN
CLAY
TOPSOIL

LIGHT
BROWN
SAND
SILT
LOAM
FEW
PEW
FANS

BROWN
CLAY
TOPSOIL

RED
BROWN
SANDY
SILT
LOAM
FEW
LUMPS



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.

DAISY RD

DATE	TEST NO	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/17/81	IS	4	121	148	LITTLE PERC		
	1D	10	122	124	124	126	2
	IV	14.5	UNSAT				
	2S	3.5	128	143	145	212	29
	2D	10	128	131	131	136	4
		14.5	OK				
	3S	4	133	147	147	206	19
	3D	10.5	133	139	139	147	8
		14	OK				
	4S	4	143	158	158	LITTLE PERC	
	4D	9	144	150	150	159	9
	(4)	13.5	UNSATISFACTORY				
	1ES	5.5	153	202	202	218	16
	(4ES)	6.5	219	249	LITTLE PERC		
	5S	5.5	1045	1049	1049	1056	7
	5D	10	1045	1051	1051	1105	9
	5V	14.5	OK				

TYPE OF SOIL

TESTED BY

R. Hodge

ALSO PRESENT

X PERC
11 MIN
INV. 4'
BOTTOM 8'

BROWN
CLAY
TOPSOIL

PINK
YELLOW
BROWN
SAND
SILT
LOAM

BROWN
CLAY
TOPSOIL

LIGHT
BROWN
SAND
SILT
LOAM
FEW FINE

BROWN
CLAY
TOPSOIL

LIGHT
BROWN
SAND
LOAM

C1 0213 SEQUENCE NO. (DENV USE ONLY)
1 2 3 4 5 6
(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 41031

ST/CO USE ONLY
DATE Received

8						13
---	--	--	--	--	--	----

DATE WELL COMPLETED

080389

Depth of Well

22 3 60 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H0-88-0779

OWNER W. S. G. Builders last name first name TOWN W. S. G.
STREET OR RFD
SUBDIVISION W. S. G. Builders SECTION LOT 8 X

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
FROM TO

Check
if water
bearing

0	90	
50	360	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes no
Y N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC
45 46 45 46

NO. OF BAGS 11 NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 41 ft.
48 TOP 52 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

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

ST 4 34
60 61 63 64 66 70

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

screen type or open hole

insert appropriate code below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN HOLE
PL PL OT
PLASTIC OTHER

C2

1	2	DEPTH (nearest ft.)									
1	40	83				360					
	8	9	11	15	17	21					
2											
	23	24	26	30	32	36					
3											
	38	39	41	45	47	51					

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q
70 72 74 75 76

TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 106

METHOD USED TO MEASURE PUMPING RATE Barbet

WATER LEVEL (distance from land surface)

BEFORE PUMPING 28

WHEN PUMPING 252

TYPE OF PUMP USED (for test)

A air P piston T turbine
27 27 27
C centrifugal R rotary O other (describe below)
27 27 27
J jet S submersible
27 27

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:

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)

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.

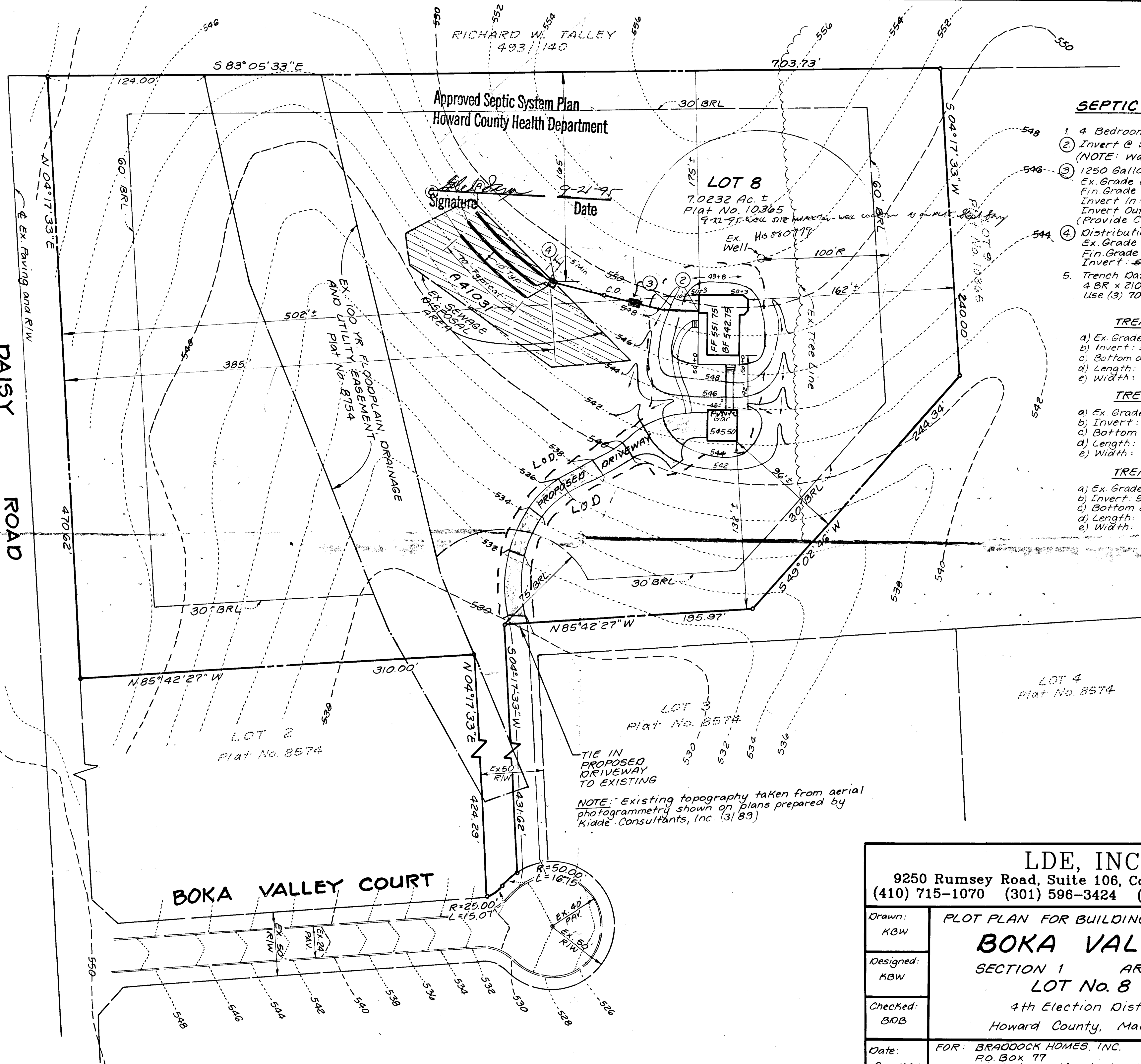
DRILLERS IDENT. NO. 388

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

DAISY ROAD



SEPTIC SYSTEM DATA

- 4 Bedrooms 544.15
- Invert @ Wall: 542.75
(NOTE: Wall Hung Sewer)
- 1250 Gallon Septic Tank
Ex. Grade over Tank: 549.25
Fin. Grade over Tank: 550.00
Invert In: 543.55 543.85
Invert Out: 543.25 543.55
(Provide Cleanout to Fin. Grade)
- Distribution Box: 3 Outlets (Min.)
Ex. Grade @ Box: 546.75
Fin. Grade @ Box: 546.75
Invert: 542.25 542.45
- Trench Data: 210 SF / Bedroom
4 BR x 210 SF = 840 SF ÷ 4 = 210 LF Trench
Use (3) 70 ft. long trenches

TRENCH (A)

- Ex. Grade: 546.65
- Invert: 542.15
- Bottom of Trench: 538.15
- Length: 70 ft.
- Width: 2.0 ft.

TRENCH (B)

- Ex. Grade: 546.00
- Invert: 541.50
- Bottom of Trench: 537.50
- Length: 70 ft.
- Width: 2.0 ft.

TRENCH (C)

- Ex. Grade: 545.00
- Invert: 540.50
- Bottom of Trench: 536.50
- Length: 70 ft.
- Width: 2.0 ft.

NOTE: Existing topography taken from aerial photogrammetry shown on plans prepared by Kilde Consultants, Inc. (3/89)

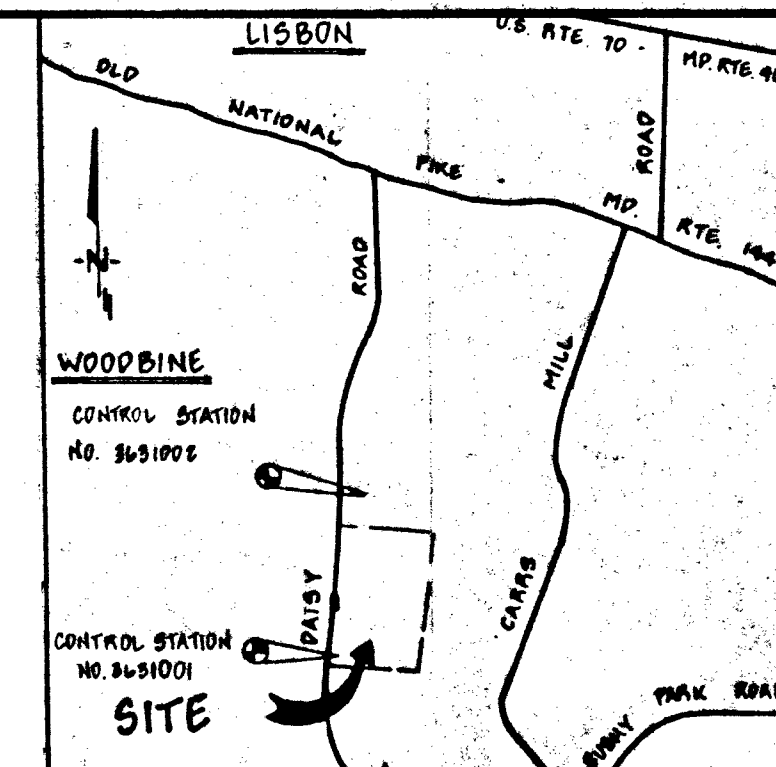
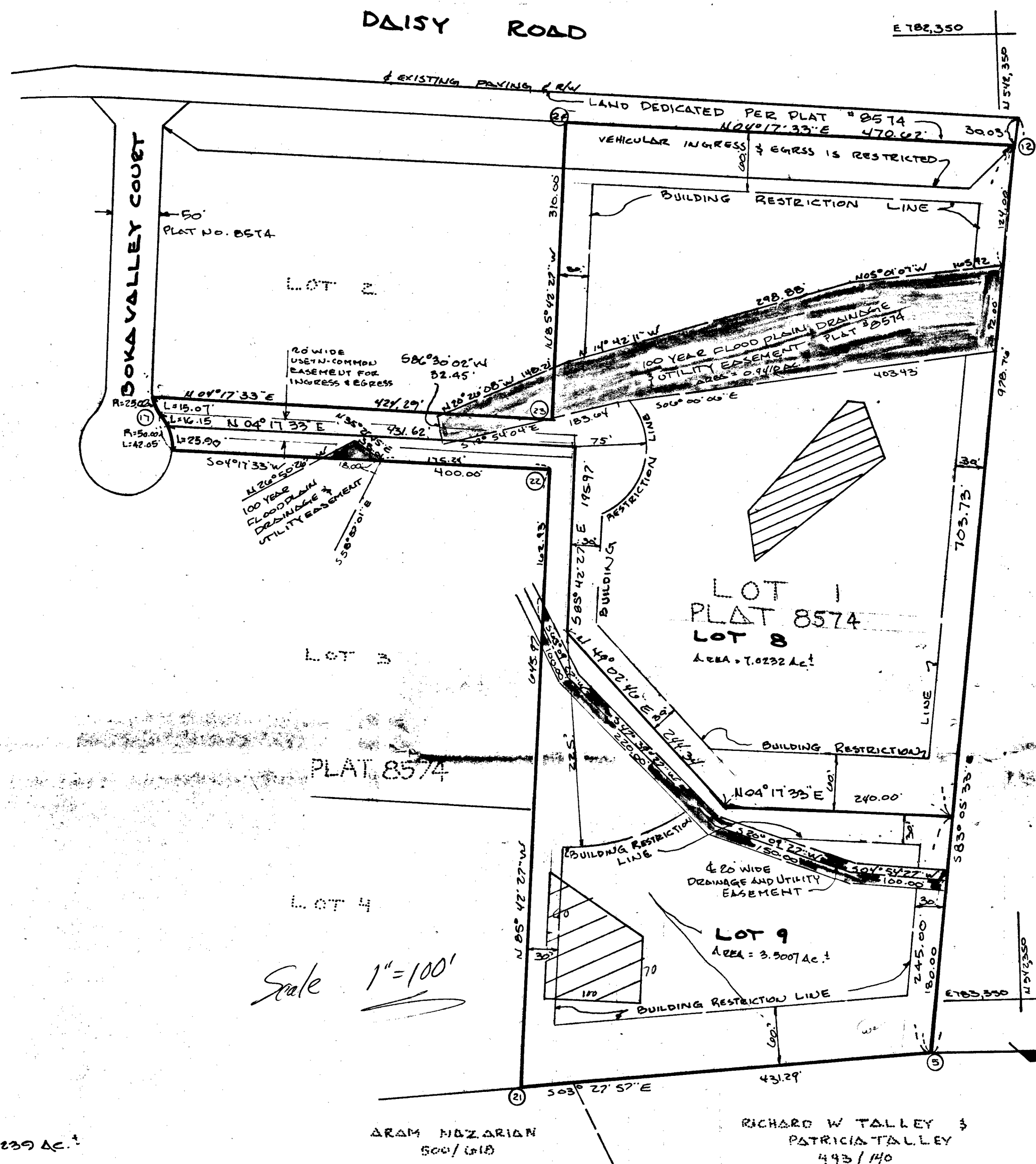
LDE, INC. 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)		
Drawn: KBW	PLOT PLAN FOR BUILDING PERMIT BOKA VALLEY SECTION 1 AREA 1 LOT No. 8 4th Election District Howard County, Maryland	Scale: 1" = 50'
Designed: KBW		Drawing: 1 of 1
Checked: BOB		LDE Job # 95-068
Date: Aug. 1995	FOR: BRADDOCK HOMES, INC. P.O. Box 77 Middletown, Maryland 21769-0077 Phone: (301) 473-8674	File #

COORDINATES			PIPESTEM CHART			
NO.	NORTHING	EASTING	LOT NO.	TOTAL LOT AREA	PIPESTEM AREA	RESULTING MIN LOT AREA
12.	542,308.20	782,404.39	8	7.0232 AC.	0.2383 AC.	6.7849 AC.
5	542,254.10	783,400.23	9	3.5007 AC.	0.3437 AC.	3.1570 AC.
21.	541,823.00	783,432.30				
22.	541,871.95	782,788.14				
17.	541,459.24	782,714.81				
23.	541,898.90	782,429.10				
24.	541,875.70	782,730.29				

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE PLANE COORDINATES GRID SYSTEM AS PROJECTED BY HOWARD COUNTY CONTROL STATION NO. 3 3631001 AND 3631002

FLOOD PLAIN AREA CHART

LOT NO.	GROSS AREA	STEEP SLOPE FLOODPLAIN	NET AREA
8	7.0232 AC.	0.2383 AC.	6.7849 AC.



VICINITY MAP
SCALE: 1" = 200'

NOTES

- 1) SUBJECT PROPERTY ZONED 'R' PER B.2.1985 COMPREHENSIVE ZONING PLAN
- 2) THIS AREA DESIGNATES SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF MENTAL HEALTH FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- 3) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF MENTAL HEALTH AND HYGIENE.
- 4) FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY AND NOT OUT TO THE FLAG OR PIPESTEM DEWEIWAY.
- 5) THE PURPOSE OF THIS PLAT IS TO DIVIDE LOT 1 BOKA VALLEY PLAT 8574 INTO LOTS 8 AND 9.
6. O.P.E. FILE NOS. S-88-111, P-88-23, WP 88-141 SHOWING RESIDUE OF TALLEY PROPERTY.

TABULATION OF FINAL PLAT

- 1) TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED 2
- 2) TOTAL AREA OF LOTS AND/OR PARCELS 10.5239 AC.
- 3) TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS 0
- 4) TOTAL AREA OF SUBDIVISION TO BE RECORDED 10.5239 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPT. OF PUBLIC WORKS.

DIRECTOR DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY VISION BUILDERS, INC. TO HOLLIS T. BROWN AND SUSAN F. BROWN HIS WIFE BY DEED DATED NOV. 22, 1989, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN L-2090 F-0002, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.



Walter Park

WATER PARK REG. L.S. #5539

1/17/1990
DATE

OWNER'S CERTIFICATE

WE, HOLLIS T. BROWN AND SUSAN F. BROWN OWNERS OF PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPT. OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, ALL EASEMENTS OF RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAT OF SUBDIVISION. WITNESS MY/OUR HANDS THIS 22ND DAY OF JAN. 1990

Susan F. Brown

F. Cummings for Vision Builders, Inc.

PRESIDENT

Patricia Kammerer
Patricia Kammerer
Patricia Kammerer

WITNESS

RECORDED AS PLAT NO. ON 1989
IN AND AMONG THE LAND RECORDS OF
HOWARD COUNTY, MARYLAND

BOKA VALLEY

LOTS 8 AND 9 Septic
SECTION 1, AREA 1
A RESUBDIVISION OF LOT 1
TAX MAP 8, PART OF PARCEL 43
4TH ELECTION DISTRICT,
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE 12/24/1989

LAND DESIGN ENGINEERING, INC.
10620 GUILFORD ROAD, SUITE 210
JESSUP, MARYLAND 20794
(410) 301-6044 (CBA00) 880.0034

F90 137

Dec 3 1989