

05436621

LAYOUT _____ INSP 4 _____

INSP 2 _____ INSP 5 _____

INSP 3 12/16/04 - 2 PM INSP 6 _____

ISSUE DATE: 11/16/2004

APPROVAL DATE: 12/16/04

PERMIT INDEXED

05-436621

P 521584

A 49116

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

VanSant Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS: Back Acre Circle, Mt Airy PHONE NUMBER: 1-800-682-6726

SUBDIVISION: Koandah Garden Estates LOT NUMBER: 17

ADDRESS: 6805 Koandah Gardens Court PROPERTY OWNER: M/I Homes of DC, LLC

SEPTIC TANK CAPACITY (GALLONS): 1500 ← *Smallest size comes compartmented* OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 4

*2-1250's OK - plan
Shows pumped system
KN*

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 174 HOUSE SERVED BY PUBLIC WATER

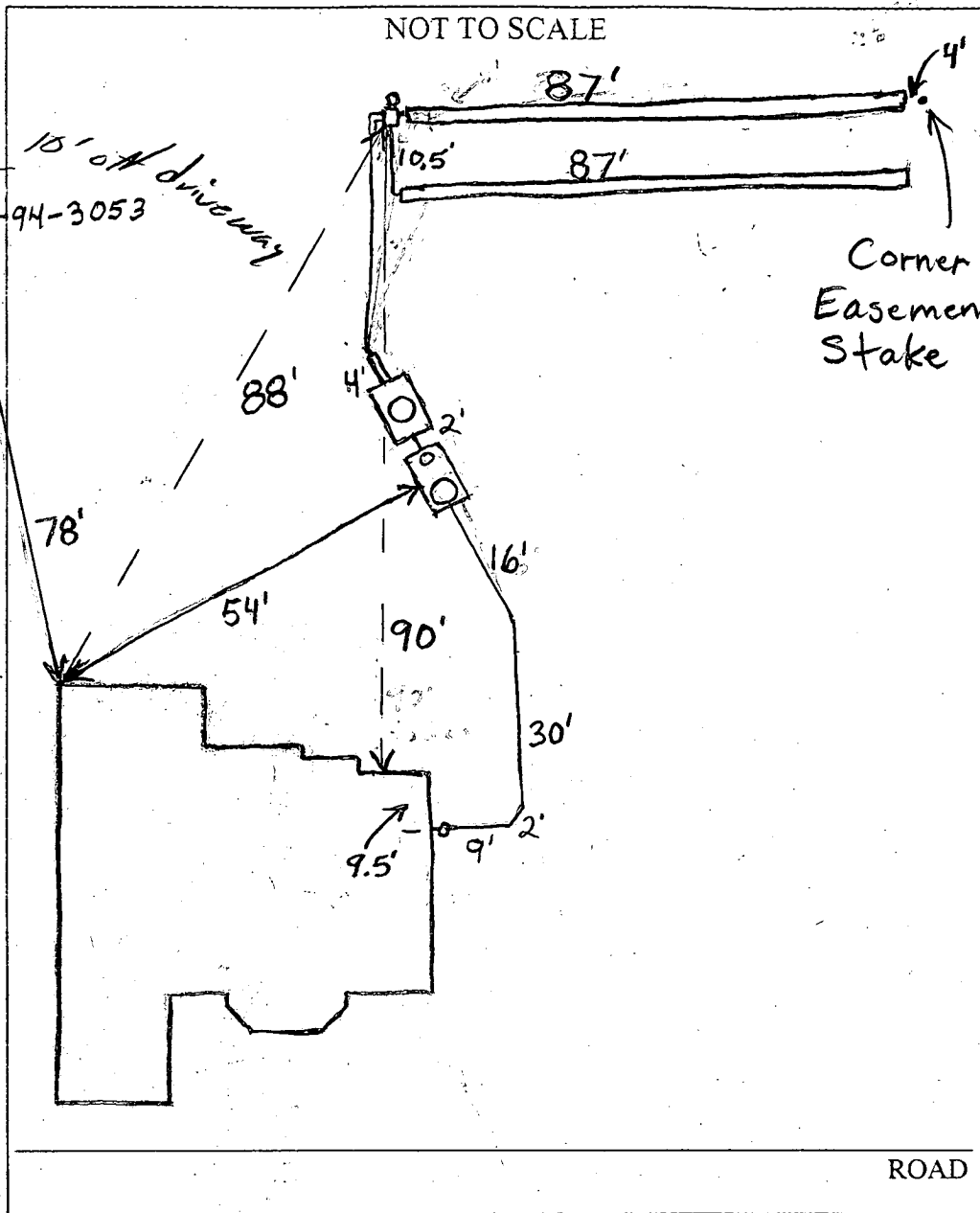
TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution at the highest elevation in the approved SDA. Run trenches on contour, two 87' trenches.
NOTES:	

PLANS APPROVED: Steven Krieg/F. Alfonso Reviewed by: KN 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

A49116



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		174'
ABSORPTION AREA		522 + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
2-Comp. CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	None
WATERTIGHT TEST	No

PRE-CONSTRUCTION 11/30/04 To install as per B.P. plan. (BB)

INSTALLATION 12/3/04 System finished. O.K. to cover. Need pump and alarm test for final approval. (BB)

12/16/04 - Pump & Alarm tests OK.

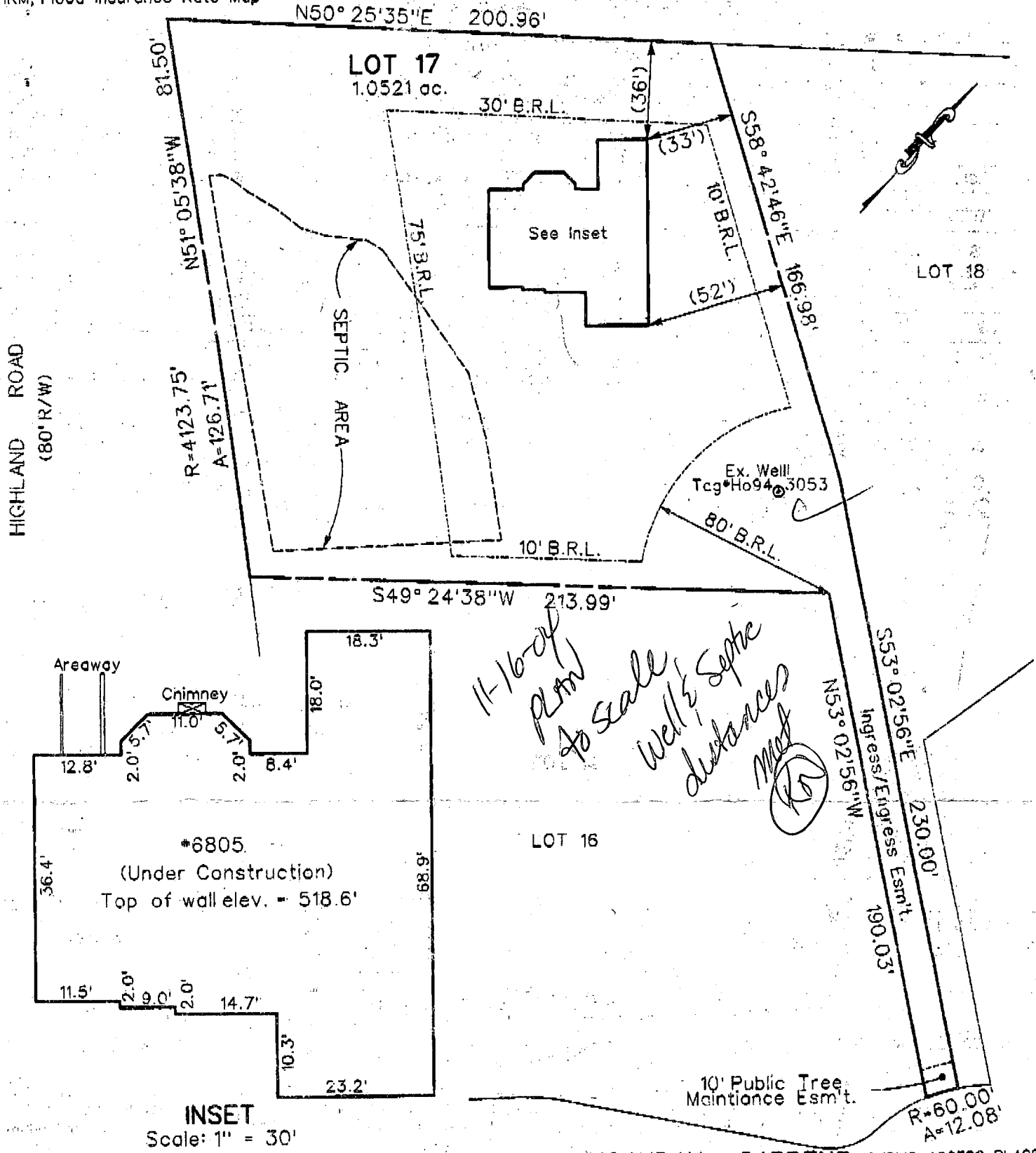
FINAL INSPECTOR

DATE OF APPROVAL

12/16/04

FLOOD CERTIFICATION

The house as shown on this property lies within Zone C, area of minimal flooding, as indicated on Federal Emergency Management Agency maps entitled "FIRM, Flood Insurance Rate Map"



PERMIT # B0C149037

KOANDAH GARDENS (PUBLIC ACCESS PLACE)

<p>PLEASE NOTE:</p> <p>1) DIMENSIONS SHOWN WITHIN "()" ARE COMPUTED TO AN ACCURACY OF PLUS OR MINUS ONE FOOT.</p> <p>2) NO TITLE REPORT WAS FURNISHED. THIS PROPERTY IS SUBJECT TO ALL APPLICABLE EASEMENTS, RIGHTS-OF-WAY, COVENANTS AND THOSE DOCUMENTS WHICH THE UNDERSIGNED HAS NOT BEEN PROVIDED.</p> <p>3) THIS PLAT IS A BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.</p> <p>4) THIS PLAT IS NOT TO BE RELIED UPON FOR THE CONSTRUCTION OF FENCES, GARAGES, BUILDINGS OR FUTURE IMPROVEMENTS.</p> <p>5) THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING, OR REFINANCING.</p>	<p>Job No.: 711-08-S0</p>
	<p>Scale: 1" = 50'</p>
	<p>WALL CHECK DRAWING</p>
	<p>Date: OCTOBER 14, 2004</p>
	<p>Drawn: D.G.S.</p>
<p>SURVEYOR'S CERTIFICATE</p> <p>I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF THAT THIS PLAT OF THE PROPERTY SHOWN ABOVE, DESCRIBED AS: <u>LOT 17</u> AS SHOWN ON A PLAT OF SUBDIVISION TITLED: <u>KOANDAH GARDENS ESTATES</u> AS RECORDED IN PLAT BOOK <u>N/A</u> AS PLAT NO. <u>15632</u> AMONG THE LAND RECORDS OF <u>HOWARD</u> COUNTY, MARYLAND, WAS PREPARED UNDER MY SUPERVISION AND THAT THE EXISTING VISIBLE IMPROVEMENTS AS SHOWN HEREON WERE LOCATED BY RECOGNIZED SURVEYING PRACTICES AND UNLESS OTHERWISE INDICATED, NO OTHER VISIBLE EVIDENCE WAS OBSERVED OF APPARENT ENCROACHMENTS ACROSS THE PROPERTY LINES.</p> <p>SIGNATURE: _____ DATE: <u>OCTOBER 14, 2004</u></p> <p>PRINTED NAME: <u>Kenneth L. Dye</u> TITLE: <u>Property Line Surveyor</u> MD. REG. NO.: <u>556</u></p>	
<p>Checked: K.L.D.</p>	
<p>FINAL LOCATION DRAWING</p>	
<p>Date: _____</p>	
<p>Drawn: _____</p>	
<p>Checked: _____</p>	
<p>Project Directory</p>	

LS Loiedeman Soltasz Associates, Inc. **ROCKVILLE OFFICE**
 1390 Piccard Drive, Suite 100 Rockville, MD 20850 t.301.948.2750 f.301.948.9067
 Engineering Planning Surveying Environmental Sciences www.LSAssociates.net

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Van Sant Pbs + Hdr Telephone #: 301-829-0444
Address: 3 N Main St
Mt Airy, Md 20711

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): LARRY D VANSANT License# 6936

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: MT Homes Telephone #: _____
Subdivision: Koondan Gardens Lot #: 17 Well Tag #: HO-94-3053
Site Address: 6805 Koondan Gardens Ct
Highland, MD 20777

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Grundfos</u>	Make: <u>Campbell</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>FG510</u>	Model#: <u>SDV</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity _____ GPM	Depth: <u>40</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: _____ GPM	NSF approved: <u>Yes</u>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>38.5</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

~~Torque arrestors~~ or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt No

Piping to house
Type: polyethylene
PSL: 30 (160 psi min)
Depth of supply line: 24 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 1
Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation _____ date 12.8.04

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: _____ Date Insp. Approved: 12/16/04 (1805)
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

Line sleeved under driveway

C1 0265 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. 01/28/01

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A 49116 4/26/01

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 4 23 01

Depth of Well 22 445' 26 (TO-NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3053

OWNER Sandborn James STREET OR RFD Koadah Ct (Off Rt 216) TOWN Highland SUBDIVISION Koadah Garden Estates SECTION (Resub A-D) LOT 17

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-48) and Gray Mica Rock (48-445).

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS (12), NO. OF POUNDS (1128), DEPTH OF GROUT SEAL (0-42 ft).

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter (6 inch), Total depth (51 feet).

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (ST), diameter of screen (56 inch), slot size (1).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A, E, P

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...

DRILLERS LIC. NO. 1 MSD 024, DRILLERS SIGNATURE

LIC. NO. 1 MSD 021, SITE SUPERVISOR SIGNATURE

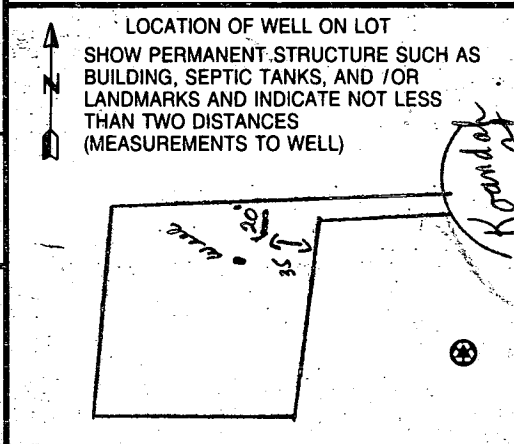
DEPTH (nearest ft.) table with rows for casing height and screen depth.

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

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (5.5 gal. per min.), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (25 ft. before, 200 ft. when pumping), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (+ above, 49).



B 1	8497	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-3053 <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 3/15/01

8 MM DD YY 13

15 Last Name Sandborn Owner First Name James 34

36 Street or RFD 4967 Len Oaks Rd 55

57 Town Dayton md 70 State 21036 Zip 76

LOCATION OF WELL

B 3 Howard COUNTY 8

23 SUBDIVISION Koandah Gardens Estate 42

SECTION Highland LOT 17

52 NEAREST TOWN Highland 71

MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78

DRILLER INFORMATION

Driller's Name Joseph L. Mayne License No. MSD024 76 81

Firm Name Joseph L. Mayne Well Drilling

Address 5512 Ridge Rd Mt. Airy Md 21771

Signature Joseph L. Mayne Date 3/15/2001

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD Koandah Ct 30

12 OFF NESIDE Route 216 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 225 37 DISTANCE FROM ROAD FT 38 39

ENTER FT OR MI

TAX MAP: 34 BLK: 23 PARCEL: 78

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

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 A49016 COUNTY NO.

STATE SIGNATURE _____ INSERT S _____

DATE ISSUED 3/29/01 Paul Pinkley SIGNATURE 3/29/02 EXP. DATE

43 MM DD YY 48 CO SIGNATURE

NORTH GRID 491 000 EAST GRID 0810 000

50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST TOWN Highland

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. well

2. GROUT OK @ SURFACE NOT OBS'D

3. LOC OK 4/23/01

WRITE THE BOX NUMBER FROM THE MAP HERE

E 810

N 4901

000 TAG OK

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTary DRIVE-POINT

other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

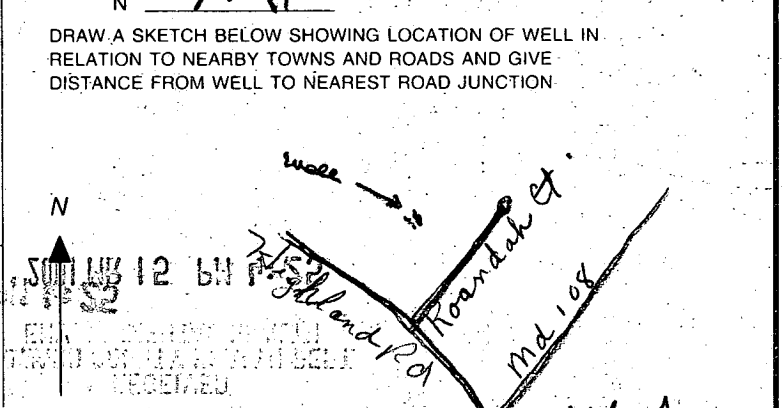
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 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) 41 _____ 52



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

APPROX. PERMIT NUMBER: HO-20 01 G006 (09)

PERMIT No. HO-94-3053

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

COUNTY #

SOIL PROFILE

0' ~~(10)~~
 dk. red
 brn yel
 saclm
 3 1/2
 brn tan
 yel beige
 saclm
 10%
 frags
 2-13 1/2

SOIL PROFILE

0'

SEE ATTACHED

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(15)
 org
 saclm
 2 1/2
 tan
 mica
 saclm

WATER

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/28/93	11 S	3 1/2	12:13	12:20	12:20	12:32	12
	11 V	7	12:21			12:22	FAST
	11 V	7	12:25	12:46	12:46	1:16	30
	12 S	4	12:24	12:28	12:28	12:39	11
	12 V	13 1/2					
	13 S	4 1/2	12:34	12:38	12:38	12:42	4 EST
	13 V	13					
	14	3 1/2	12:44	12:56	12:56	1:18	22
	14	12					
	15	3 1/2	12:50	12:56	12:56	1:03	7
	15	14	H ₂ O @	13 1/2			

TOT 86

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT J. Sanborn, R. Demmitt, hoeman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

n=6

Let #

DO NOT DISCARD

on Aug 19	on Jan 97	Test date	Test #	hole depth	lbs used hole depth	P/F	WT if any		
uphill area	open area	4/20/93	11	12 @ 3 1/2'	13 1/2'	P	dry	dark bl SCL to 3 1/2'; tan/gel/brown SL to 13'	
			12	11 @ 4'	13 1/2'	P	dry		
			14	22 @ 3 1/2'	12'	P	dry		
			13	4 @ 4 1/2'	13'	P	dry		
		4/20/93	15	7 @ 3 1/2'	14'		water @ 13 1/2'		
out of area	out of area	4/2/97	185	OK to 12'	12'	P	dry	dark clay to 2 1/2', orange SC to 5', Tan SL 5-12	
			186	10 @ 4 1/2' 2 @ 8'	12'	P	dry	" " " " " "	
		4/2/97	187	OK 4'-8'	MA	P	dry	cl to 2 1/2' or SCL to 4', Tan 4-12 SL	
			188	4 @ 4'	12'	P	dry	cl to 2' cl 4' " "	
			189	OK 4'-8'	12'	P	dry	" cl 2' cl 4' " "	
		4/20/93	9	8 @ 4 1/2'	13 1/2'	P	dry	red SCL to 3 1/2', SL below	
		4/20/93	10	5 @ 4'	14'	P	dry	" " " "	
		4/28/93	13	4 @ 4 1/2'	13'	P	dry	dark bl/tan/gel SCL to 3 1/2', SL below	

Summary

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

hot 17

SDA 6 (10,230 sf) *Needs 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 soils @ 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 min Fail
23B	7/99	39"	45 Fail regular perc. Test
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 (55 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)

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

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 ✓ (No clock time recorded)
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 min*

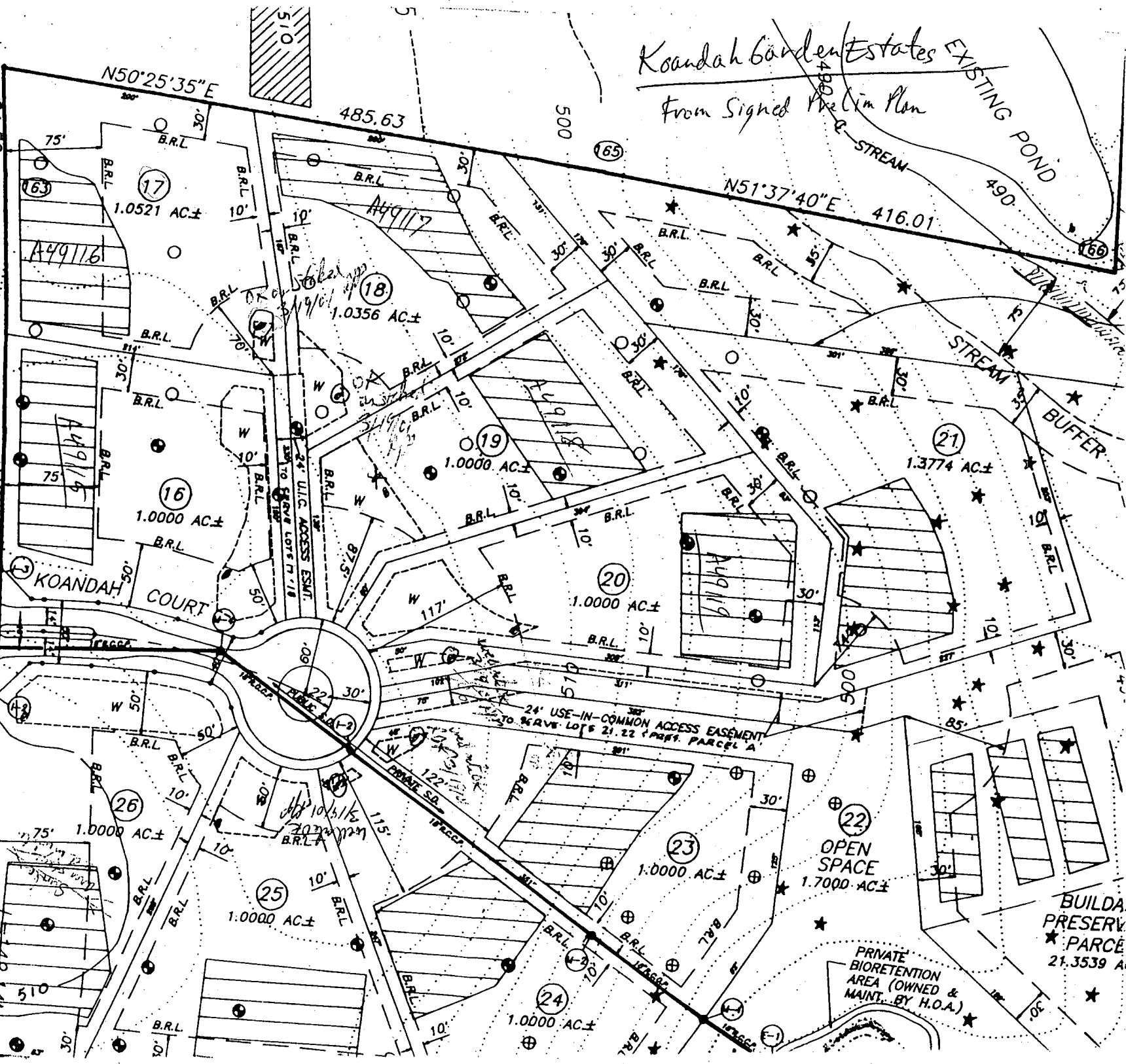
SDA 10 (10,080 sf)

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

Koandah Gardens Estates
From Signed Plat Plan
EXISTING POND
STREAM

HIGHLAND ROAD
(MAJOR COLLECTOR)

BGE POLE
EX. 18' CMP
81.50
R=4123.75
EX. 19' CMP
131.99
R=4123.75
EX. 15' CMP
340.94
R=1259.18'
BGE POLE



BUILDING PRESERVATION PARCEL
21.3539 AC

PRIVATE BIORETENTION AREA (OWNED & MAINT. BY H.O.A.)

24' USE-IN-COMMON ACCESS EASEMENT TO HAVE LOTS 21, 22 (PREV. PARCEL A)

PRIVATE SUB-TRACK

U.L.C. ACCESS EASEMENT

KOANDAH COURT

A49116

A49117

A49118

A49119

BGE POLE

EX. 18' CMP

BGE POLE

EX. 15' CMP

BGE POLE

All perc test holes excavated not shown

F-07-05

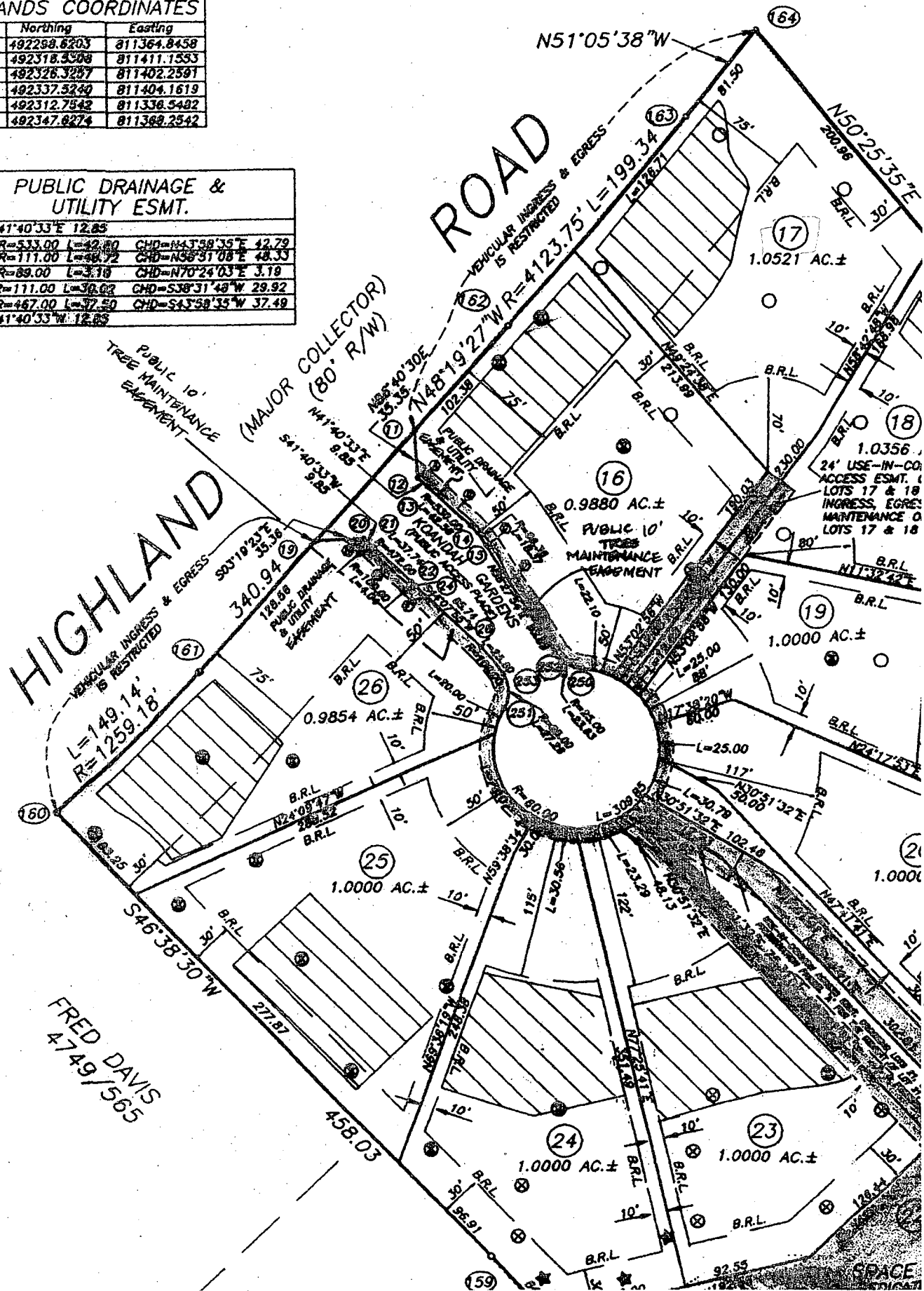
Signed

WETLANDS COORDINATES

PT	Northing	Easting
W5	492298.6203	811364.8458
W10	492318.5308	811411.1553
W11	492326.3287	811402.2581
W12	492337.5240	811404.1619
W30	492312.7542	811336.5482
W52	492347.6274	811368.2542

PUBLIC DRAINAGE & UTILITY ESMT.

A	N41°40'33"E 12.85		
B	R=533.00 L=42.80	CHD=N43°58'35"E 42.79	
C	R=111.00 L=58.72	CHD=N56°31'08"E 48.33	
D	R=88.00 L=3.18	CHD=N70°24'03"E 3.18	
F	R=111.00 L=38.02	CHD=S38°31'49"W 29.92	
G	R=467.00 L=37.50	CHD=S43°58'35"W 37.49	
H	S41°40'33"W 12.85		



FRED DAVIS
4749/565

SPACE



www.mihomes.com

Maryland Division
5101 Mountville Road
Suite B
Frederick, MD 21703

301/874-0013
301/874-0015 Fax

PR
9/7/04

#50
CR 1166
CR 77299

Columbus/Cincinnati, Ohio
Indianapolis, Indiana
Tampa Bay/Orlando/West Palm Beach, Florida
Charlotte/Raleigh, North Carolina
Washington D.C. Area

RECEIVED

SEP 07 2004

LICENSES & PERMITS
DIVISION

September 1, 2004

B00149037-A

Howard County Maryland Government
Department of Inspections, Licenses and Permits
3430 Courthouse Drive
Ellicott City, Maryland 21043

Re: Permit Revision

Please revise permit number B00149037, which references lot 17, a new construction single family dwelling located at 6805 Koandah Gardens Court, Highland, MD 20777. The revision request is to change the house type to be built, from a Hawthorne II to an Williamsburg II.

Sincerely,

Robert Arbaugh
Production Manager, MI Homes of DC, LLC.

cc: 1 PR OK'D 9-8-04

Health Dept
Gy Bell 9/27/04 HEADS OKAY
KJB