

LAYOUT 10 am 7/7/03 INSP 4 7/17/03 3pm  
 INSP 2 7/15/03 3pm INSP 5 10/27/03 - 11:30 Not Ready (S)  
 INSP 3 7/16/03 12:30 pm INSP 6 \_\_\_\_\_

ISSUE DATE: 6/6/2003 P 518996

APPROVAL DATE: 10/20/03 A 511435-X

# PERMIT INDEXED

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

RPS #  
 03-334589

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER   
 ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670  
 SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 22  
 ADDRESS: 2141 Grant Farm Court PROPERTY OWNER: Oak Hill Properties, LLC  
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED   
 PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED   
 NUMBER OF BEDROOMS: 4  
 SQUARE FEET PER BEDROOM: 210  
 LINEAR FEET OF TRENCH REQUIRED: 270 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box near the corner easement stake that is farthest from the house. Run trenches on contour towards lot #23.
NOTES:	

PLANS APPROVED: Brian Baker DATE: 5/2/03

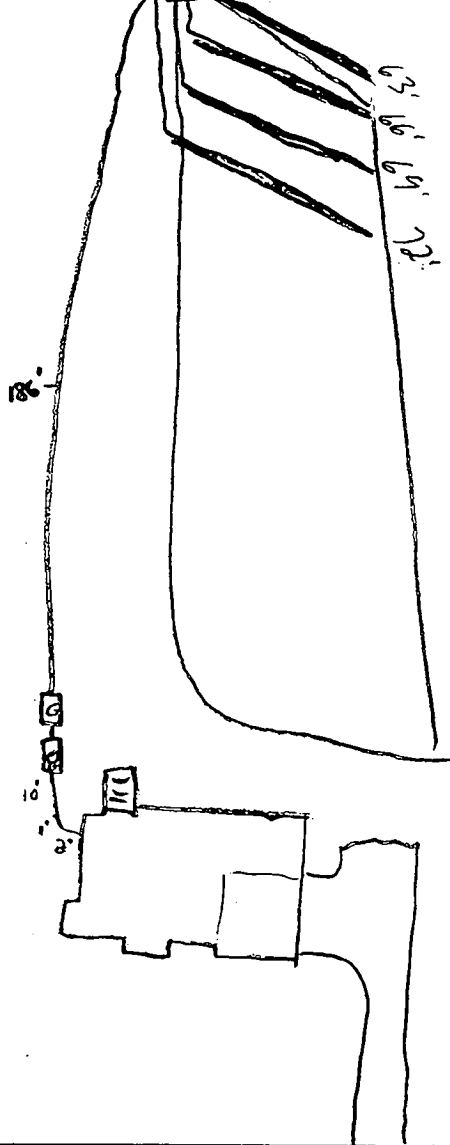
NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC 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**  
**BUILDING PERMIT SIGNED AND RETURNED**

10-1-03 B00144316 - GARAGE ASHED  
 4-28-05 B00153373 - 1 STORY ADDITION - EXT KITCHEN + LR

A 511435-X

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	5
NUMBER OF TRENCHES		4
TOTAL LENGTH		270
ABSORPTION AREA		810 <sup>sq</sup>
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	<input checked="" type="checkbox"/>
TANK LID DEPTH	1
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Back
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

Grant Farm Ct

ROAD

PRE-CONSTRUCTION 7/16/03 - SBA staked, contour appear accurate Install per B.P. (SD)

INSTALLATION 7/17/03 Trenches installed OK to cover (SD)

NEEDS PUMP TEST

10/20/03 - Pump & Alarm test OK

BUILDING PERMITS DIVISION AND RETURNED

FINAL INSPECTOR [Signature]

DATE OF APPROVAL 10/28/03



ADDRESS No.: #2141 Grant Farm Court

TOP OF WALL ELEV. = 572.2'±  
FIRST FLOOR ELEV. =

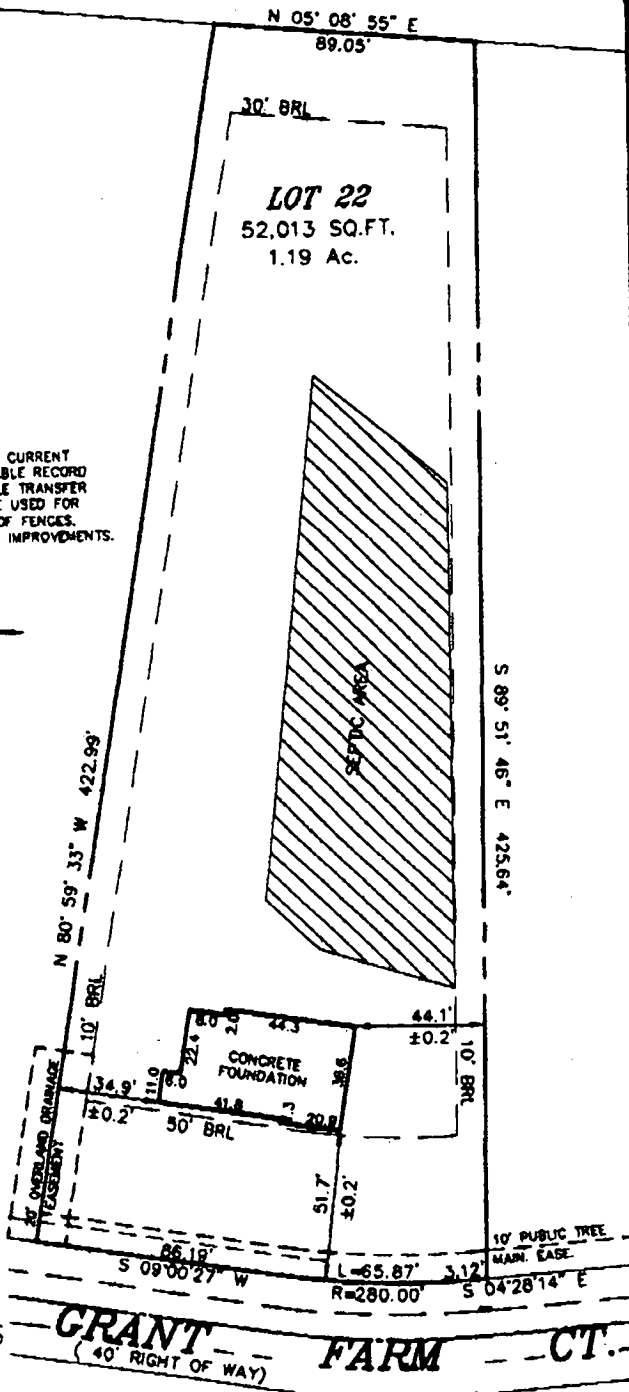
**LEGEND**

- O/H = OVERHANG
- A/C = AIR COND./HEAT PUMP
- G/M = GAS METER
- E/M = ELECTRIC METER
- CH = CHIMNEY
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.



5/30/03  
will check  
O.K. JTB



**LOT 22**  
**THE ESTATES AT SAND HILL**  
LOTS 1 THROUGH 80  
NON-BUILDABLE PARCELS  
A & B

**GRANT FARM CT.**  
(40' RIGHT OF WAY)

PLAT NO. 14580-14585  
ELECTION DISTRICT No. 3  
HOWARD COUNTY, MARYLAND

**MILDENBERG BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors  
8074 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 897-0288 Bldg. (301) 581-6521 Wash. (410) 897-0288 Fax



FOUNDATION	DATE: 05/27/03	FINAL	DATE:
DRAWN BY: T. HILL		SCALE: 1" = 50'	
PROJECT NO.: 00-074		LOCATION DRAWING	



PARCEL A NON-BUILDABLE

2 Holes

52,013 sq. ft.  
1.19 Ac.  
22

47,064 sq. ft.  
1.08 Ac.  
21

PROPOSED SEPTIC FIELD  
590

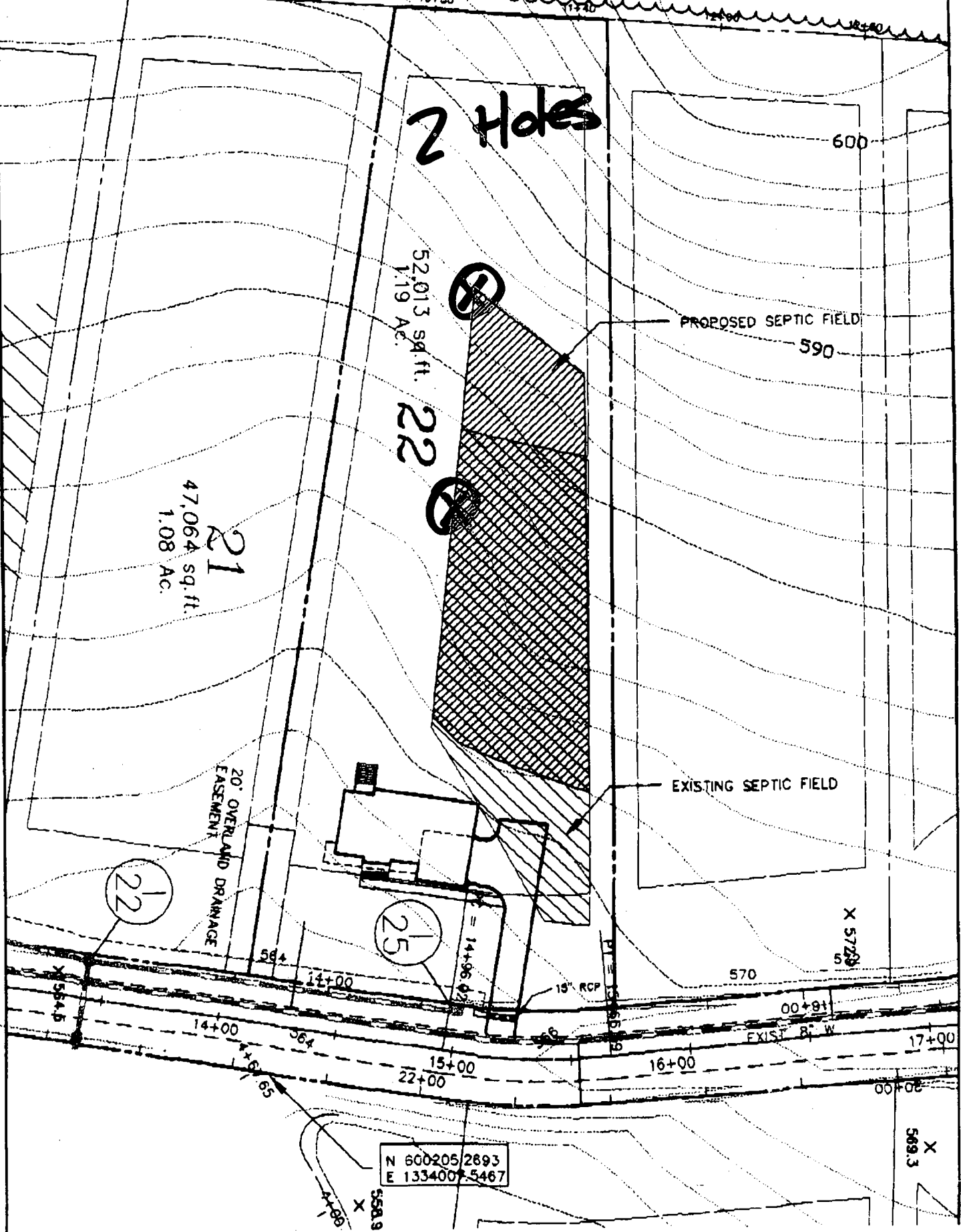
EXISTING SEPTIC FIELD

20' OVERLAND DRAINAGE  
EASEMENT

25

22

N 600205 2893  
E 1334007 5467



# APPLICATION

PERCOLATION TESTING

A 511435

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/24/99

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 R. Jeanette Miller, Trustee; Clyse Day Pendleton, Et Al

ADDRESS 14965 Frederick Road, Woodbine, MD 21797 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Oak Hill Properties, LLC; Attn: Mr. Kevin Rogers

ADDRESS 107 Loudoun Street, SE, Leesburg, VA. 20175 PHONE 703 443 0400

PROPERTY LOCATION:

SUBDIVISION Sand Hill Property LOT NO. 1 though 78

ROAD AND DESCRIPTION East side intersection of Sand Hill Road and Mt. View Road

TAX MAP 16 PARCEL # 3

SIZE OF LOT 40,000 to 60,000 S.F. TYPE BLDG. Single Family Dwelling  
(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.

Oak Hill Properties, LLC

Kevin B. Rogers

(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

COUNTY #

SOIL PROFILE  
25e

0'

dark red brown silclm

---

4.0

beige Sal m micaceous 10% rock

12.0

24e

dark beige silclm micaceous

---

12.0

orange brown Sal m micaceous 20% shale

11.0

24c/25b

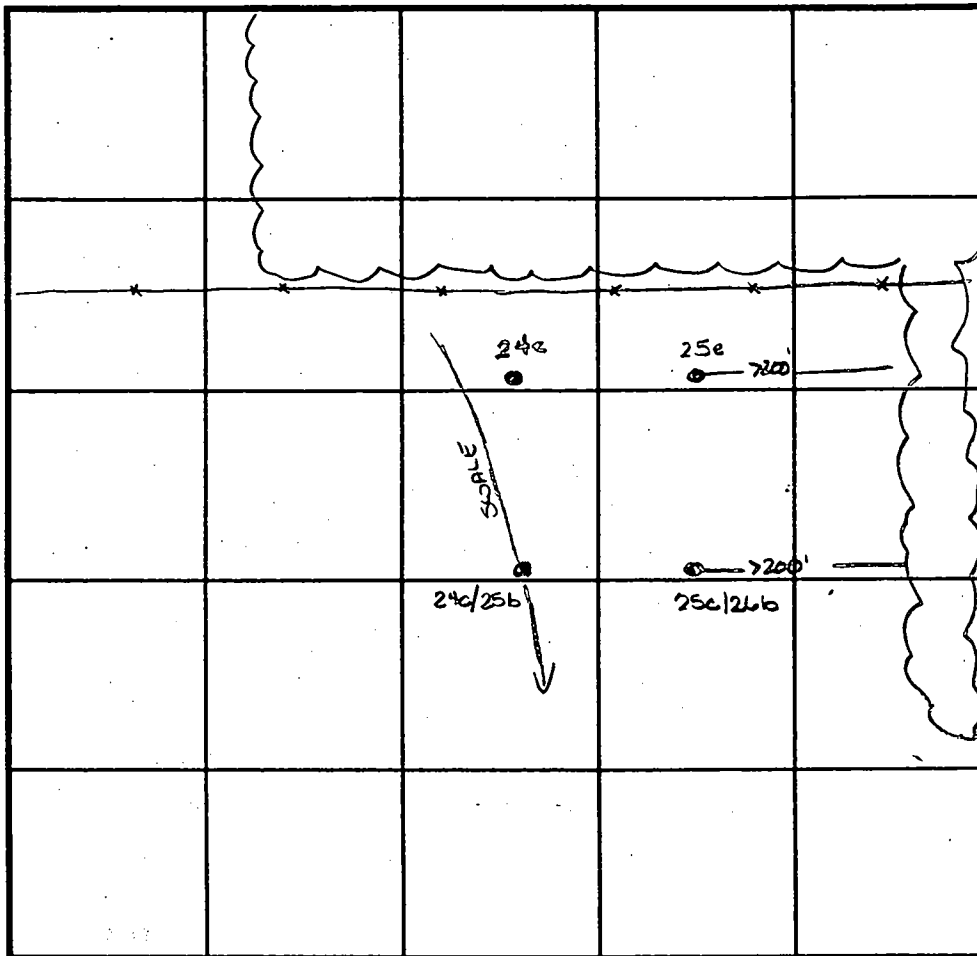
dark red silclm micaceous

---

5.0

pink to dark red Sal m micaceous 15% rock

11.0



SOIL PROFILE  
25c/26b

0'

like 24c/25b but 30% shale frags

11.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-8-99	25e	Visual	to 12.0 - see profile		—		OK
	24e	4.0 / VII.0	1:24	1:32	1:32	1:41	9min
		8.0 / VII.0	1:23	1:24	1:24	1:27	3min
	24c/25b	4.0 / VII.0	1:29	1:30	1:30	1:32	2min
	25c/26b	4.5 / VII.0	1:34	1:37	1:37	1:42	5min

REMARKS Maintain 25' of G of swale

TYPE OF SOIL Amy McMullen

TESTED BY \_\_\_\_\_ ALSO PRESENT Ketterman

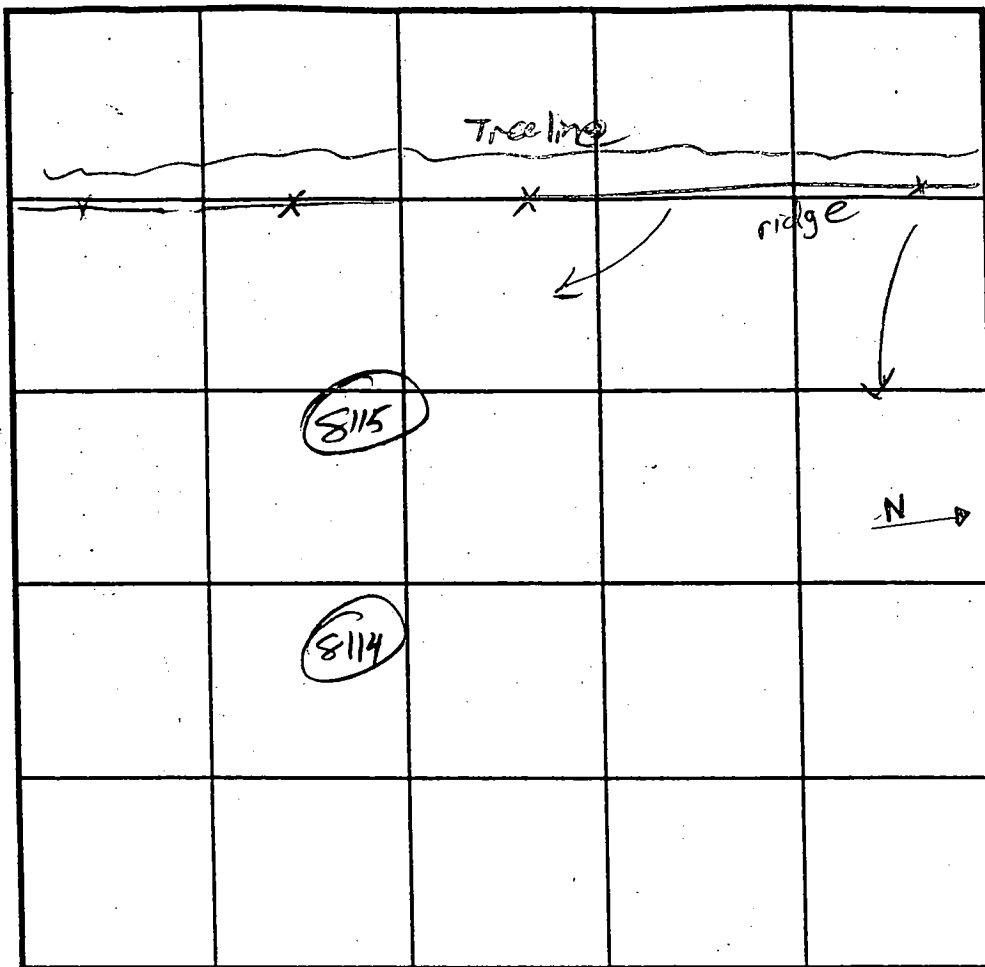
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

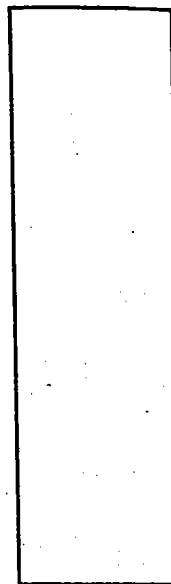
COUNTY #

SOIL PROFILE

0'  
 1/2' Brown SCL  
 w/10% coarse frags  
 ↓  
 4' orange brown fine micas' soil w/ 10-15% coarse frags  
 ↓  
 14' SCL



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

8115  
 Brown SCL  
 ↓  
 heavy micas  
 ↓  
 3' orange brown micas/soils w/ <10% coarse frags  
 ↓  
 14' SCL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/31/03	8114	14V	Similar to 8115				ok
3/31/03	8115	5 / 14	10:35	10:46	10:46	11:02	16

REMARKS refer to callist + SDA

TYPE OF SOIL \_\_\_\_\_

TESTED BY J. Boris ALSO PRESENT Fogle + Kirtle

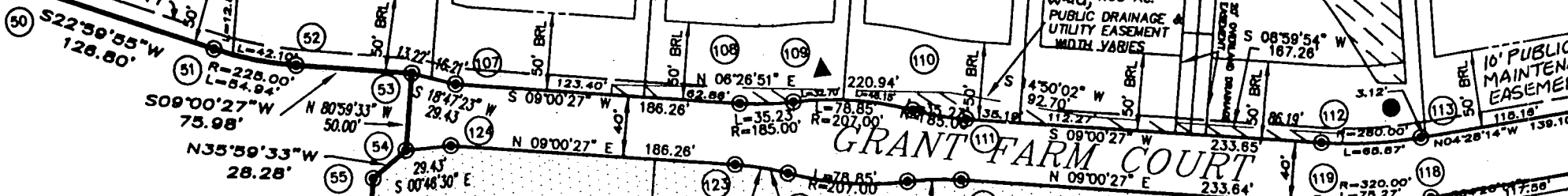
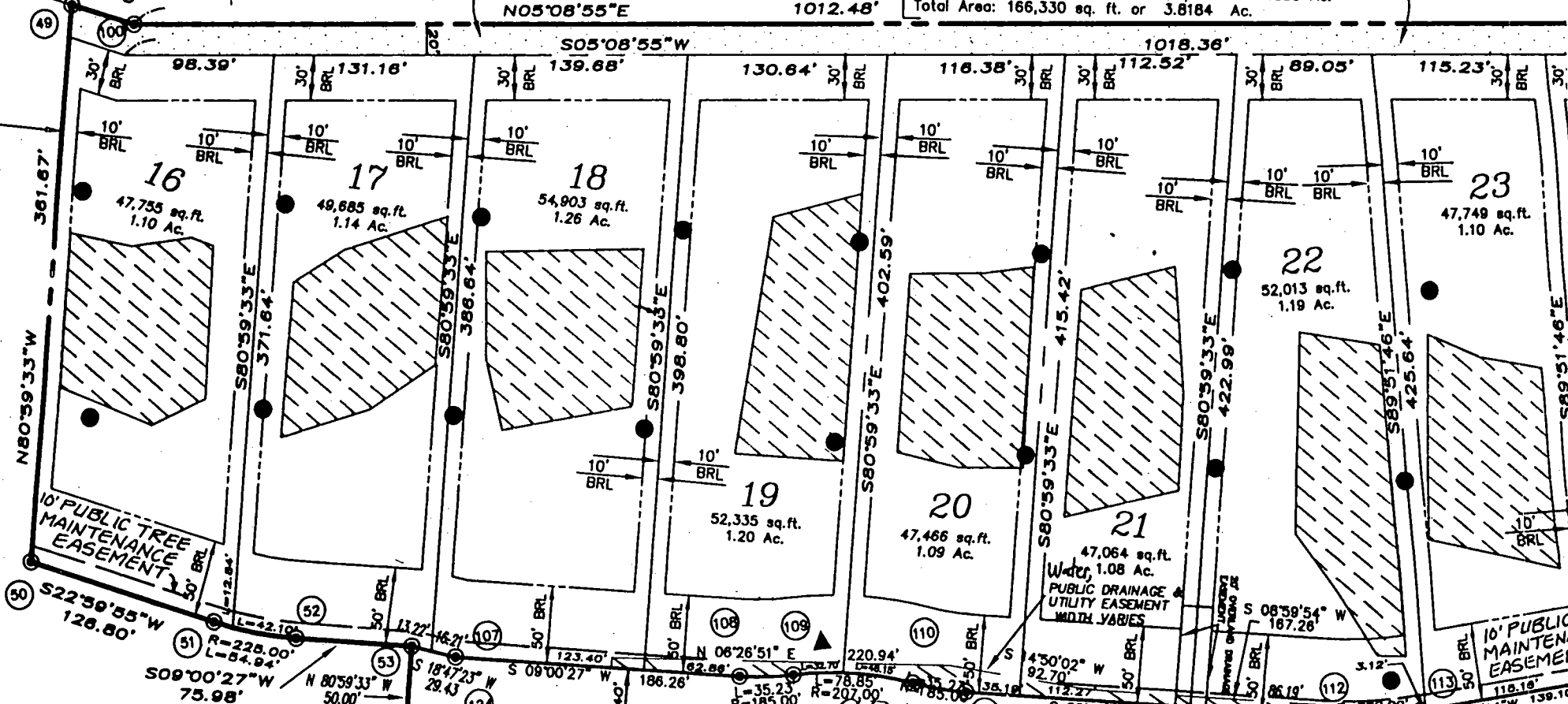
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

JOHN GORDON WARFIELD, JR. &  
 LAURA J. WARFIELD  
 L. 1018, F. 093  
 PARCEL 209  
 ZONED: RR-DEO

**PRESERVATION PARCEL "A"**  
 (NON-BUILDABLE)

Owner: Oak Hill Properties, LLC  
 Easement Holders: Howard County, MD. &  
 Pendleton/Harless Estates at Sand Hill  
 Homeowners Association, Inc.  
 Partial Area (This Plot): 21,147 sq. ft. or 0.4855 Ac.  
 Total Area: 166,330 sq. ft. or 3.8184 Ac.



**GRANT FARM COURT**

Public Stormwater Management,  
 Access, Drainage and Utility  
 Easement  
 133,380 SF or 3.0620 Ac.

F. 00.137  
 12.11.00

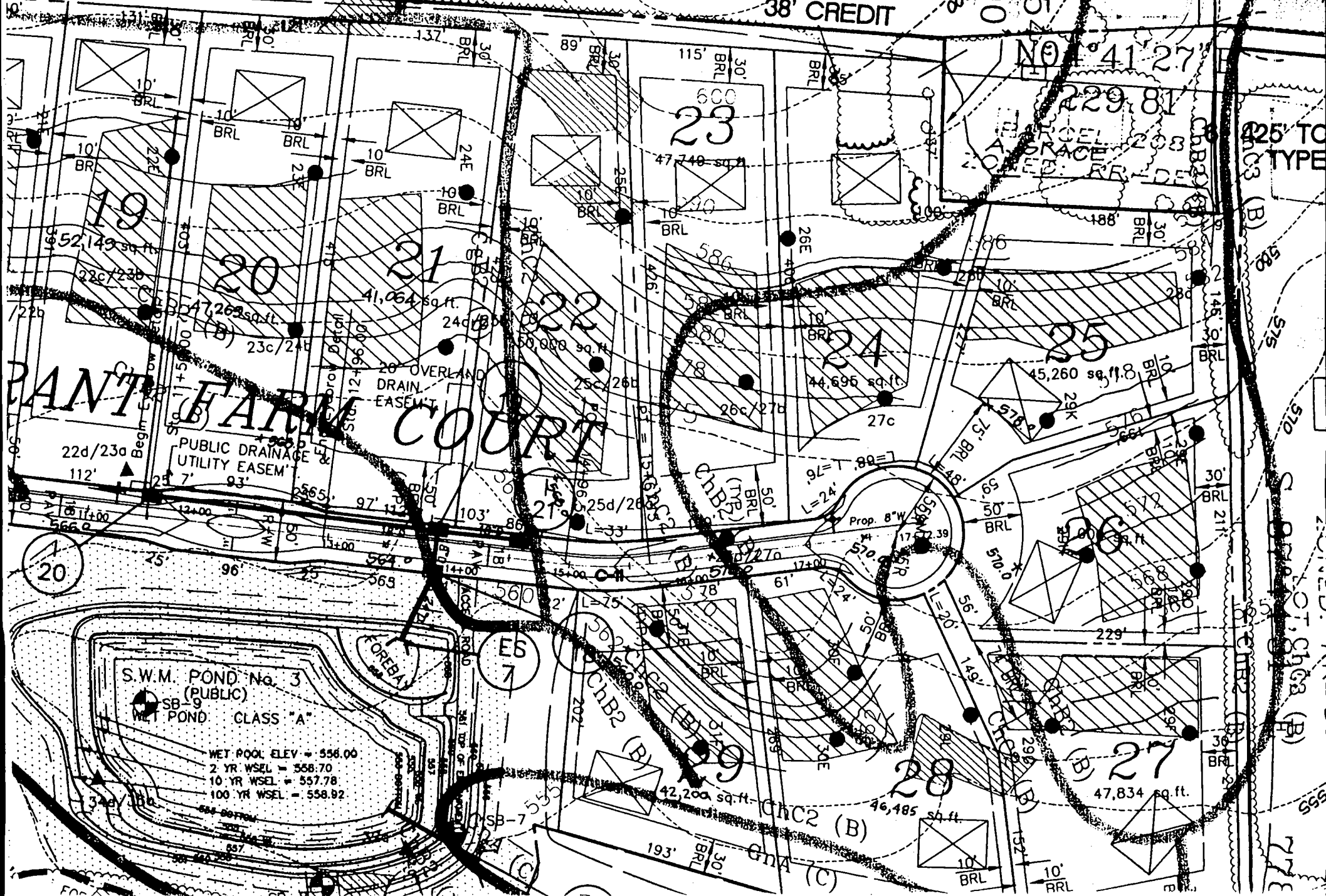
Sheet 3 of 6

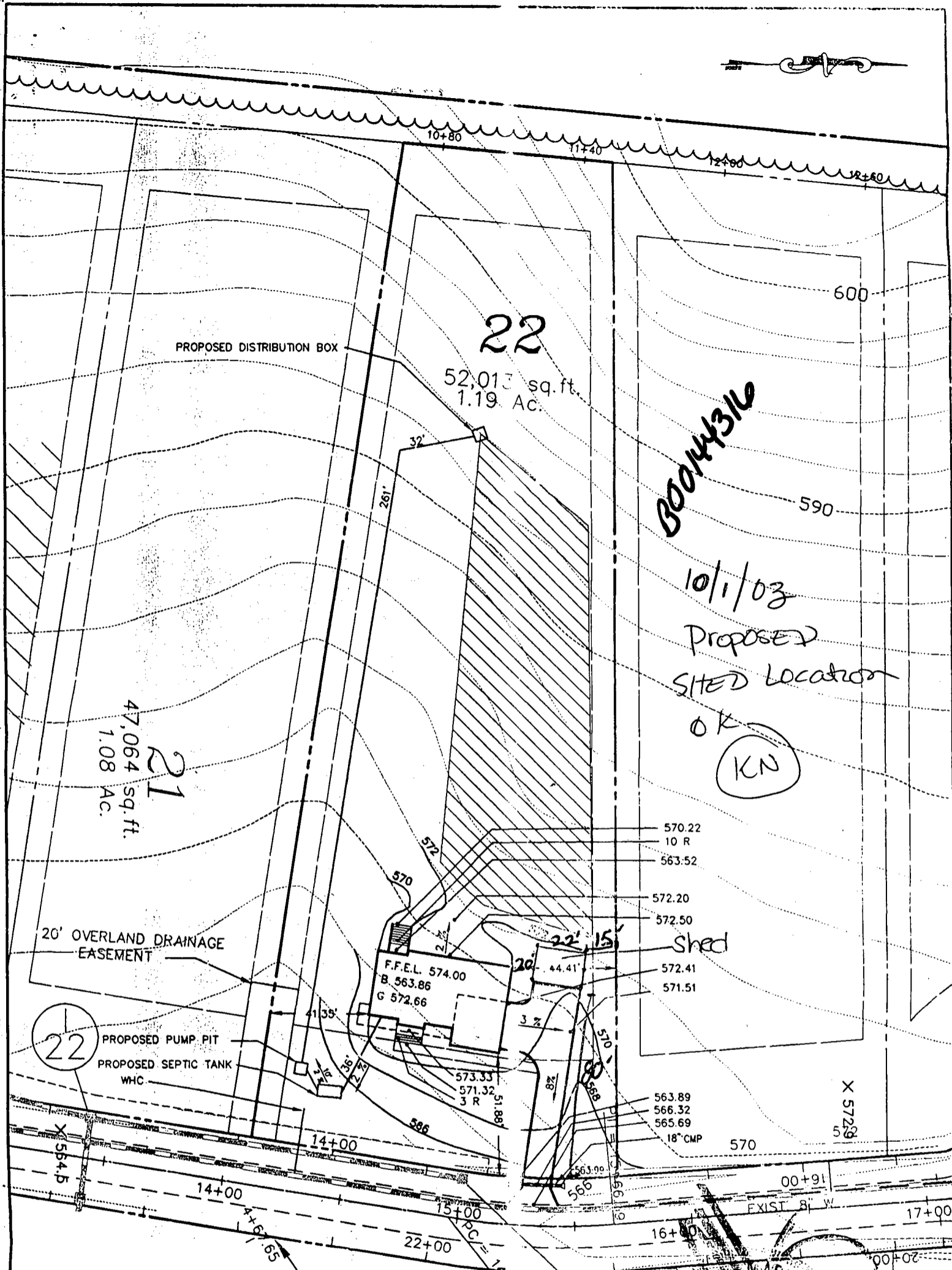
ST.
5.59'
39'
36'
34'
81'
71'
39'
39'
10'
18'
37'
18'
37'
18'

06°19'00" E  
CEL A

SP.00.02  
2/2/00  
38' CREDIT

149.90  
5038.5  
102 (B)  
1B2 (B)





00044316

10/1/03

PROPOSED  
SITED LOCATION

OK  
KN

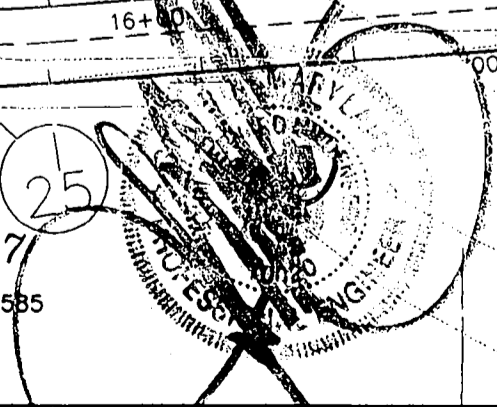
22

25

- FIRST FLOOR EL. = 574.00
- INV. OUT OF HOUSE = 562.01
- INV. INTO SEPTIC TANK = 562.01
- INV. OUT OF SEPTIC TANK = 561.76
- EL. OF SEPTIC TANK = 565.00
- INV. OF PUMP PIT = 561.56
- EL. OF PUMP PIT = 565.56
- INV. OF DIST. BOX = 582.50
- EL. OF DIST. BOX = 586.00

N 600205.2693  
E 1334007.5467

G.P. # 02-07  
PLAT # 14-80 - 14585



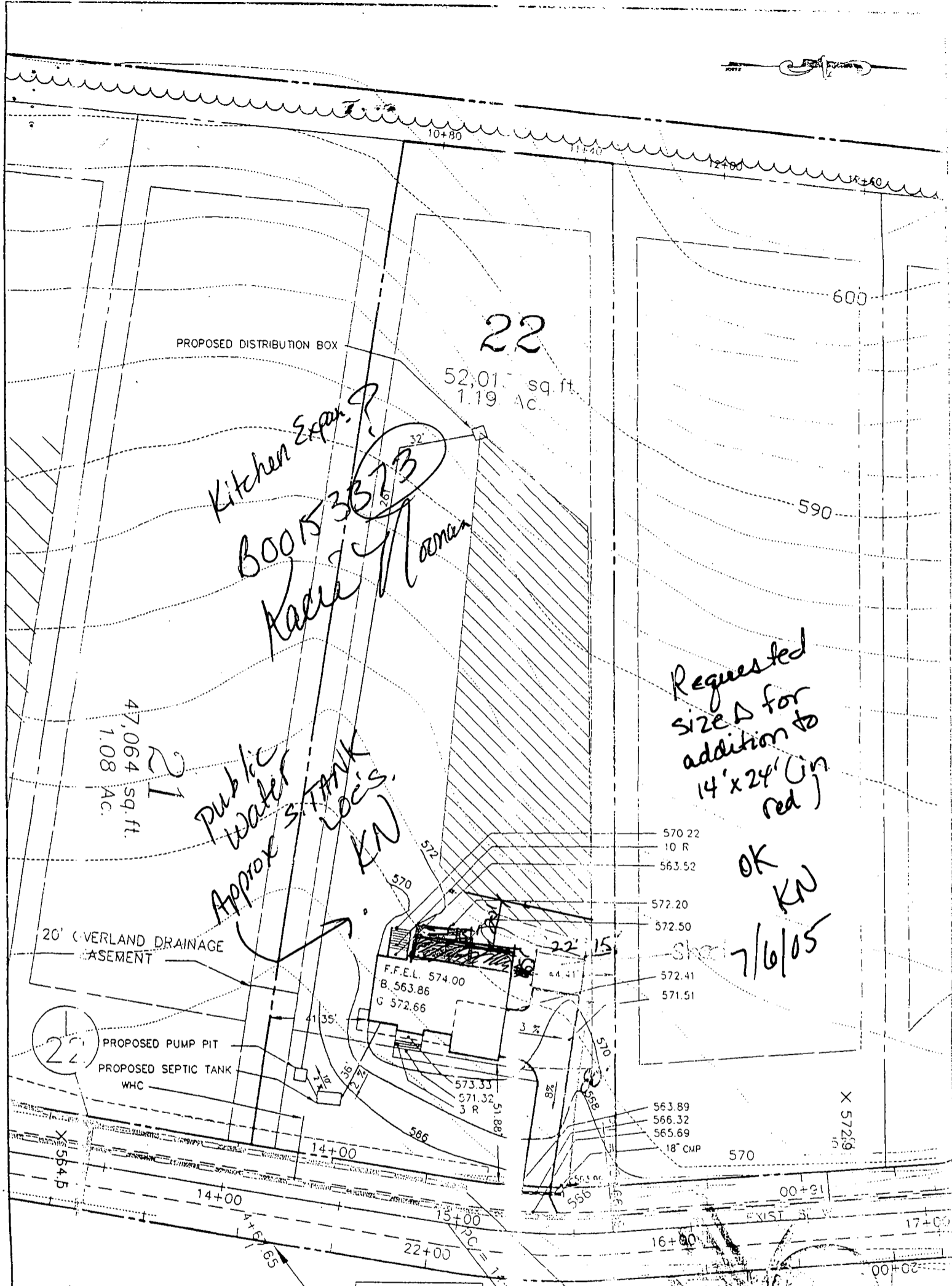
**THE ESTATES AT SAND HILL**

**PLOT PLAN LOT # 22**  
2141 GRANT FARM COURT

**MILDENBERG,  
BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: MLS	SCALE: 1"=50'	DATE: APRIL 03

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax



47,064 sq. ft.  
1.08 AC.

22  
52,017 sq. ft.  
1.19 AC.

*Kitchen Exp.?*  
*Boots 337B*  
*Karen Loman*

*Public water tank approx. Locis. KN*

*Requested size Δ for addition to 14' x 24' (in red)*

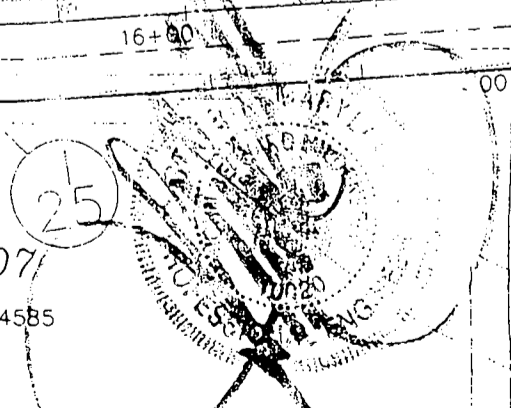
*OK KN 7/6/05*

PROPOSED PUMP PIT  
PROPOSED SEPTIC TANK  
WHC

N 600205.2693  
E 1334007.5467

FIRST FLOOR EL.	=574.00
INV. OUT OF HOUSE	=562.73
INV. INFO SEPTIC TANK	=562.01
INV. OUT OF SEPTIC TANK	=561.76
EL. OF SEPTIC TANK	=565.00
INV. OF PUMP PIT	=561.56
EL. OF PUMP PIT	=565.56
INV. @ DIST. BOX	=582.50
EL. @ DIST. BOX	=586.00

G.P. # 02-071  
PLAT # 14 80 - 14585



**THE ESTATES AT SAND HILL**  
PLOT PLAN LOT # 22  
2141 GRANT FARM COURT

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors

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5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax

2 updates  
Plans reviewed

KW

Request to ~~XXXX~~ Permit NO. B0015373 at  
2141 Grant Farm Court in Morristhville, MD. We are  
requesting to change the size of the addition from  
10'x44' to 14'x24'. The addition will still  
have a full basement underneath. The new plans have  
been stamped & signed by a licensed engineer.

*Andrew Bath*  
Andrew Bath  
443 838 6937

6:17.05  
CR 234  
\$50.00

7-11-05  
STEPH -

THIS Δ is okay  
DO I NEED  
TO RESIGN  
ANYTHING?

Sent to: DP2 6/21/05  
Engineering  
Health  
Plans Review

Setback  
issues met  
for revisions of  
BPO0153373  
*Kacie Thomas*  
KC



10+80

11+41

12+00

14+60

600

PROPOSED DISTRIBUTION BOX

22

52,01 sq. ft.  
1.19 ac.

32

26'

B00153373

REVISED

Date: 6-17-05 590

Comments: *size changed*

47,064 sq. ft.  
1.08 ac.

21

*Addition on  
Full basement*

570.22  
10 R

563.52

572.20

572.50

572.41

20' OVERLAND DRAINAGE  
BASEMENT

F.F.E.L. 574.00  
B. 563.86

22' 15"  
44.41

20'

570

570

572