

04352351

LAYOUT 4/2/03 10930 INSP 4 \_\_\_\_\_  
INSP 2 4/22/03 11 INSP 5 \_\_\_\_\_  
INSP 3 6/23/03 INSP 6 \_\_\_\_\_

ADDRESS  
Change?

ISSUE DATE: 12/4/2002

P 518012

APPROVAL DATE: 6/23/03

**PERMIT  
INDEXED**

A 42616

**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: Warfield's Grant Section 1 LOT NUMBER: 12

ADDRESS: 16019 Pheasant Ridge Court PROPERTY OWNER: Nicholas White

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 238 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be <u>3.0</u> feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth <u>5.0</u> feet below original grade. Effective area begins at 3.0 feet below original grade. <u>2.0</u> feet of stone below distribution pipe.
LOCATION:	Place the distribution box near the top easement stake closest to the house. Run trenches towards the 243.03' lot line. Trenches to be 10' center to center.
NOTES:	

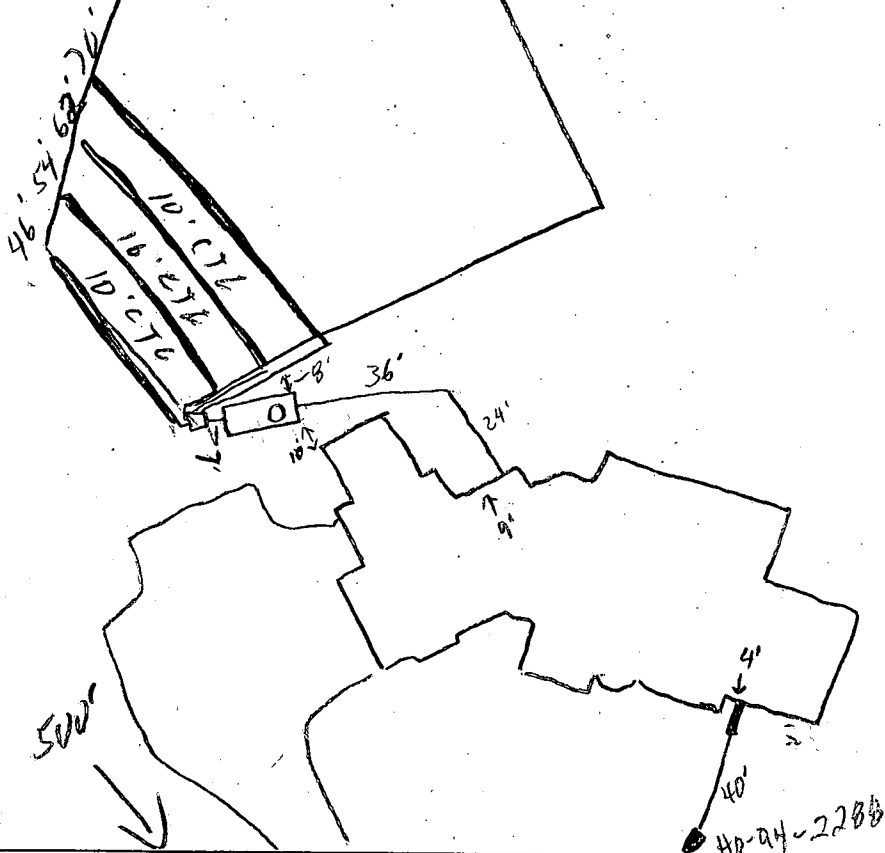
PLANS APPROVED: Brian Baker OK 3/10/02 (SD) DATE: 3/04/2002

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**

Atelle

NOT TO SCALE



Pheasant Ridge Ct

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3-3.5	5-5.5
NUMBER OF TRENCHES		4
TOTAL LENGTH		232'
ABSORPTION AREA		696 <del>4</del>
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		NA

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input type="checkbox"/>
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	NA
BAFFLES	NA
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	<input type="checkbox"/>
WATERTIGHT TEST	<input type="checkbox"/>

PRE-CONSTRUCTION 4/21/03 SRA stated, contour appears accurate, layout per B.P. 10' CTC, tank set (SO)

INSTALLATION 4/21/03 DB & 1st trench installed - ∴ 6" too deep (SO)

4/22/03 OK to cover all work. Concerned about house conn line will be covered w/ fill (SO)

6/23/03 - Grading for house conn OK (SO)

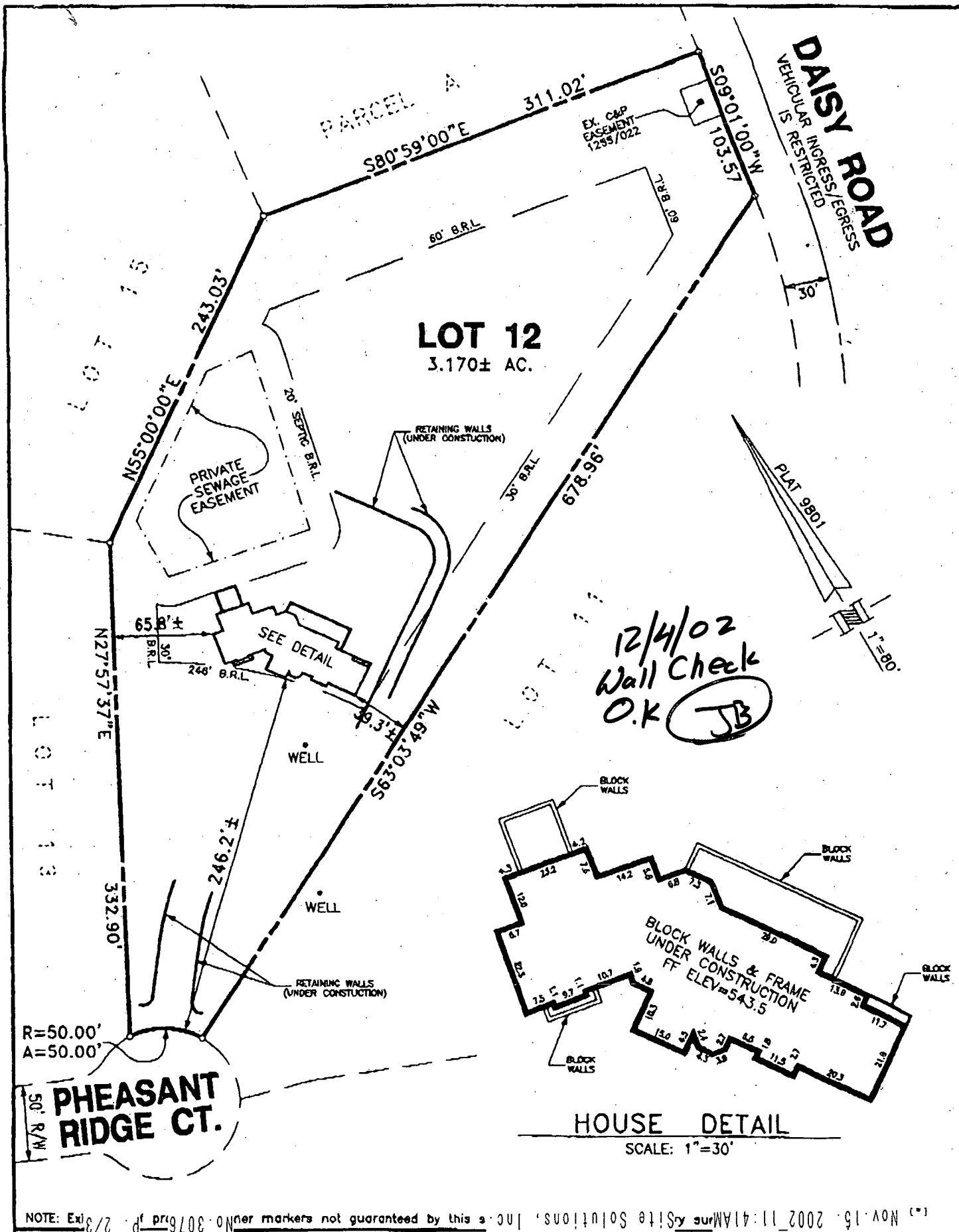
FINAL INSPECTOR [Signature] DATE OF APPROVAL 6/23/03

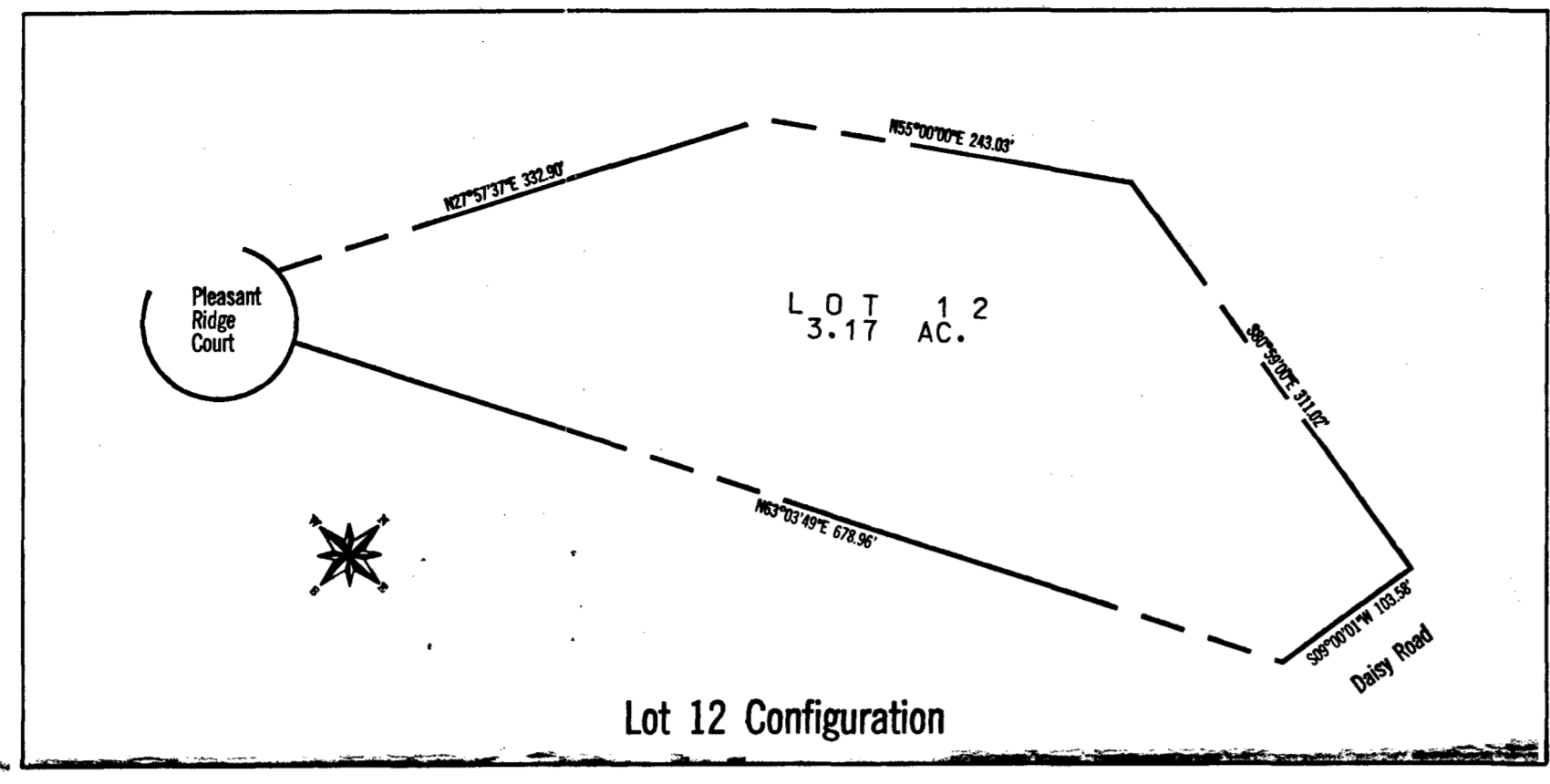
# 16019 Pheasant Ridge Ct

FROM : FOWLER ASSOCIATES, INC.

FAX NO. : 301 762 3689

Nov. 06 2002 03:39PM P2

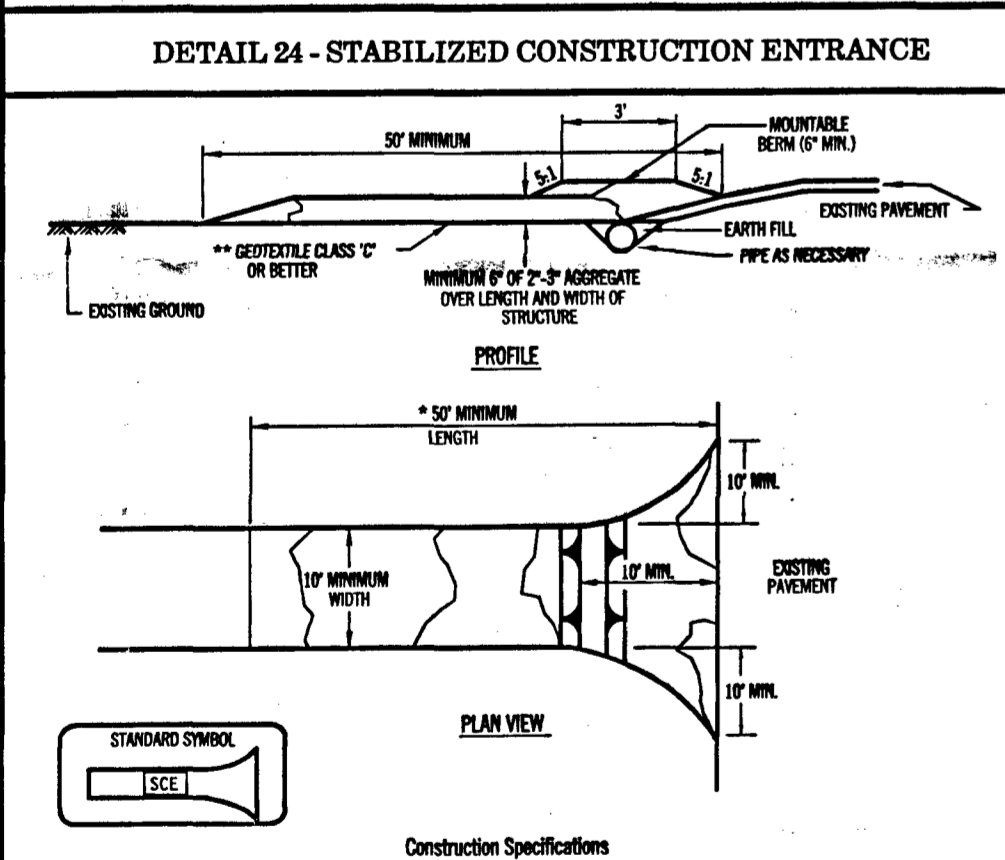




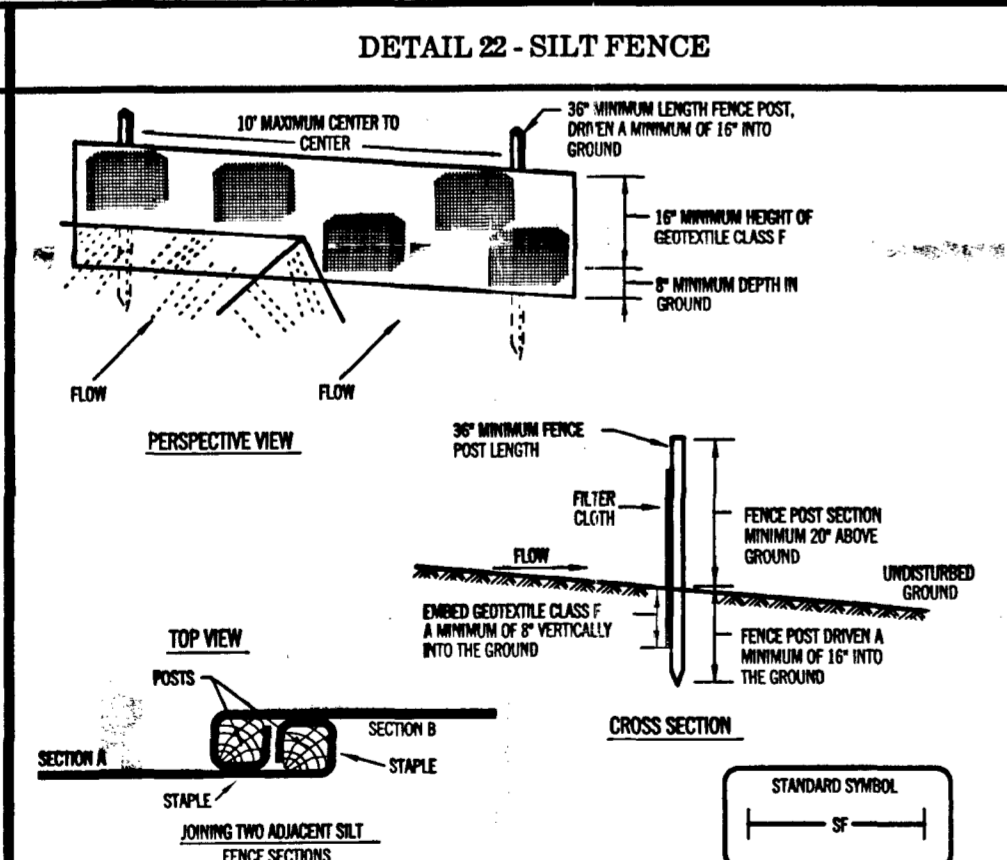
INSET  
(Not to Scale)



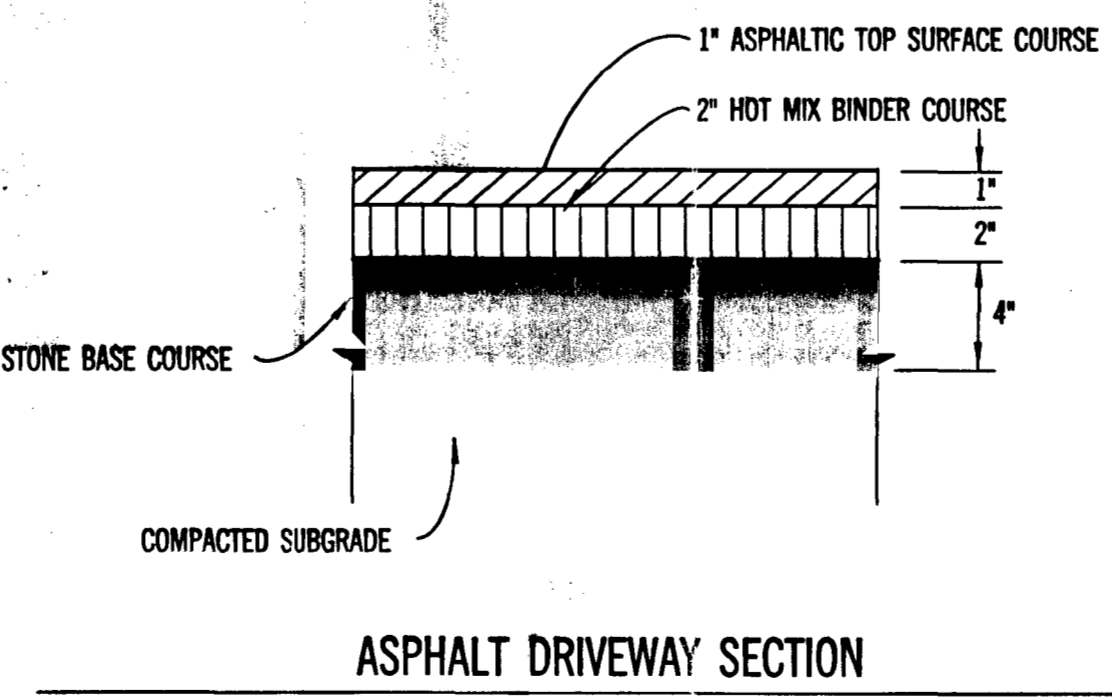
Applied Sewer System Plan  
Howard County Health Department  
Breakdown Under Fence  
Date 3/4/02  
3.17 AC. 12



- Construction Specifications
- Length - minimum of 50' (± 30' for single residence lot).
  - Width - 10' minimum, should be flared at the existing road to provide a turning radius.
  - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
  - Stone - crushed aggregate (2" to 3"), or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
  - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable curb with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be staked according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
  - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.



- Construction Specifications
- Fence posts shall be a minimum of 36" long driven 36" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 1/2" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard U or V section weighing not less than 1.00 pound per linear foot.
  - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:  
Tensile Strength 50 lbs/in. (min.) Test: MSMT 509  
Tensile Modulus 20 lbs/in. (min.) Test: MSMT 509  
Flow Rate 6.2 gal. ft. / minute (max.) Test: MSMT 322  
Filtering Efficiency 75% (min.) Test: MSMT 322
  - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
  - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



ASPHALT DRIVEWAY SECTION  
N.T.S.

**SITE SOLUTIONS, INC.**  
19880 Club House Road Suite 105  
Gaithersburg, Maryland 20886-3039  
(301) 947-8900 Fax (301) 947-7704  
Planning Engineering Landscape Architecture

OWNER:  
Nick White  
16008 Misty Knoll Court  
Woodbine, Md. 21797

NO.	REVISION	DATE



16019 Pheasant Ridge Court

SITE PLAN  
**WARFIELD'S GRANT**  
LOT 12, PLAT 9801  
FOURTH (4th) ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

DWR	SCALE	1"=20'
DESIGN		
JSL	CHECKED	1 of 1
JANUARY 2002	SHEET	
DATE	PROJ. No.	1227

SITE SOLUTIONS, INC. WARFIELD'S GRANT SITE PLAN

Jun 26 03 08:44a

HO CO ENV HEALTH

14103132648

p. 1

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: Kiscinsky Service Telephone #: 301-897-5766  
Address: 4029 Mt Olive Rd.  
Oakey MD 20832

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): W. Mark Kiscinsky License# 20855

\*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: Dick + Helen White Telephone #: 301 980-4672  
Subdivision: WARFIELD'S GRANT Lot #: 12 Well Tag #: HO 94-2288  
Site Address: 16019 Pheasant Ridge Ct.  
Woodbine, MD 21843

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>JACOZZI</u>	Make: <u>Cambell</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>9248-1126</u>	Model #: <u>B-300 X</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity: <u>7</u> GPM	Depth: <u>4 FT</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>40</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>300</u> (feet)		Conduit secured to well cap: <u>yes</u>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.3.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" P14 butyl line</u>	PVC sleeved to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>5 FT</u>
Depth of supply line: <u>48</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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: [Signature] date: 6/28/03

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

Date Insp. Requested: 4/16/03 Date Insp. Approved: 4/16/03 (50) SRK  
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 ✓



B 1 7446 SEQUENCE NO. (MDE USE ONLY)

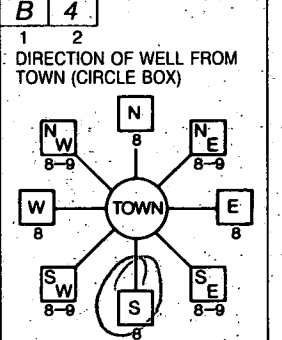
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER H0-94-2288 fill in this form completely

OWNER INFORMATION Date Received (APA) 052599 Surhoff John 8812 Arbit Lane Lanham Md. 20706

LOCATION OF WELL B 3 Howard Warfield Grant SECTION 49 LOT 12 NEAREST TOWN WOODBINE MILES FROM TOWN 5

DRILLER INFORMATION Joseph L. Mayne MSD 024 Joseph P. Mayne Well Drilling 5512 Ridge Rd. Mt. Airy 21771 Signature Date 5/24/99



Pheasant Ridge Ct. NEAR WHAT ROAD ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 200 FT TAX MAP: 13 BLK: 18 PARCEL 334

WELL INFORMATION B 2 APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A42616 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 061599 Mark E. Ruffin 6/15/00 CO SIGNATURE EXP. DATE NORTH GRID 531 EAST GRID 0780

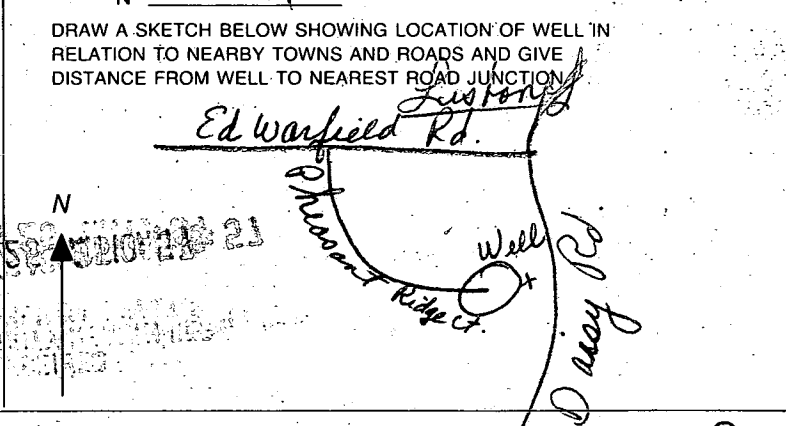
- USE FOR WATER (CIRCLE APPROPRIATE BOX) [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [I] INDUSTRIAL, COMMERCIAL, DEWATERING [P] PUBLIC WATER SUPPLY WELL [T] TEST, OBSERVATION, MONITORING [G] GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

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 780 N 531

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS [D] THIS WELL WILL DEEPEAN 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) APPROP. PERMIT NUMBER 54 G A P 63 PERMIT No. H0-94-2288



# APPLICATION

PERCOLATION TESTING

A 42616

P \_\_\_\_\_

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

DISTRICT 4TH

8-05-88 DATE \_\_\_\_\_

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 Mr. Robert M. Warfield

ADDRESS 2425 Daisy Road, Woodbine, Md. 21797 PHONE \_\_\_\_\_

PROSPECTIVE BUYER Carman Associates

ADDRESS P.O. Box 122, Ellicott City, Md. PHONE 854-6797

PROPERTY LOCATION:

SUBDIVISION Warfields Grant LOT NO. 12

ROAD AND DESCRIPTION West Side Daisy Road

TAX MAP 13 PARCEL # 128

SIZE OF LOT 3 acres TYPE SFD (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.

*Philip A. Mangley*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

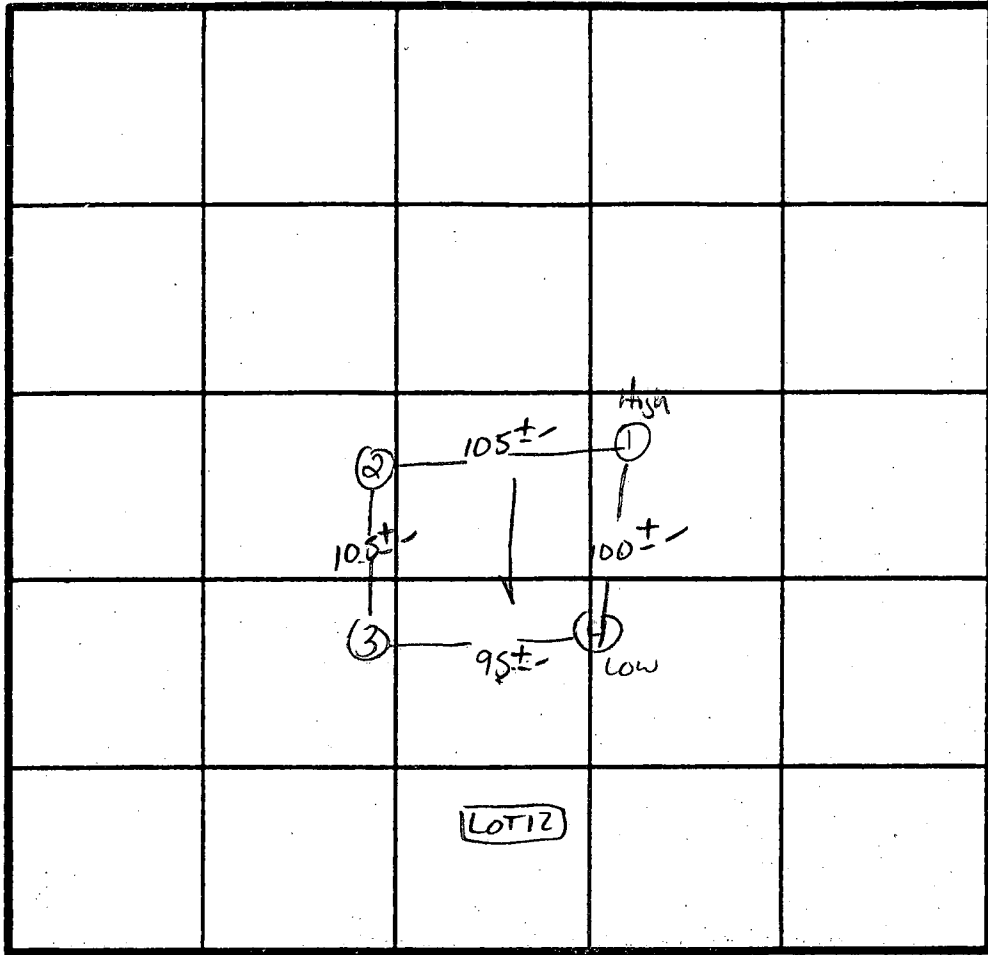
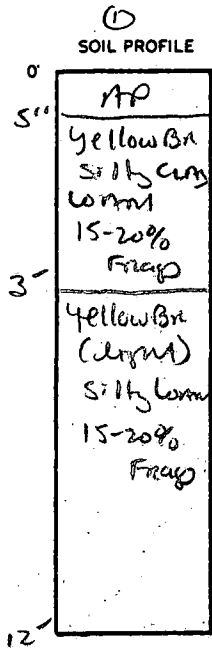
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10/27/88 Parc Satisfactory - Hold for PERC. Satisfactory

HD-216

# THIS IS NOT A PERMIT

A-42616



̄ Perc  
8min  
210  $\phi$  BR  
Inlet 3"  
Bottom 7"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

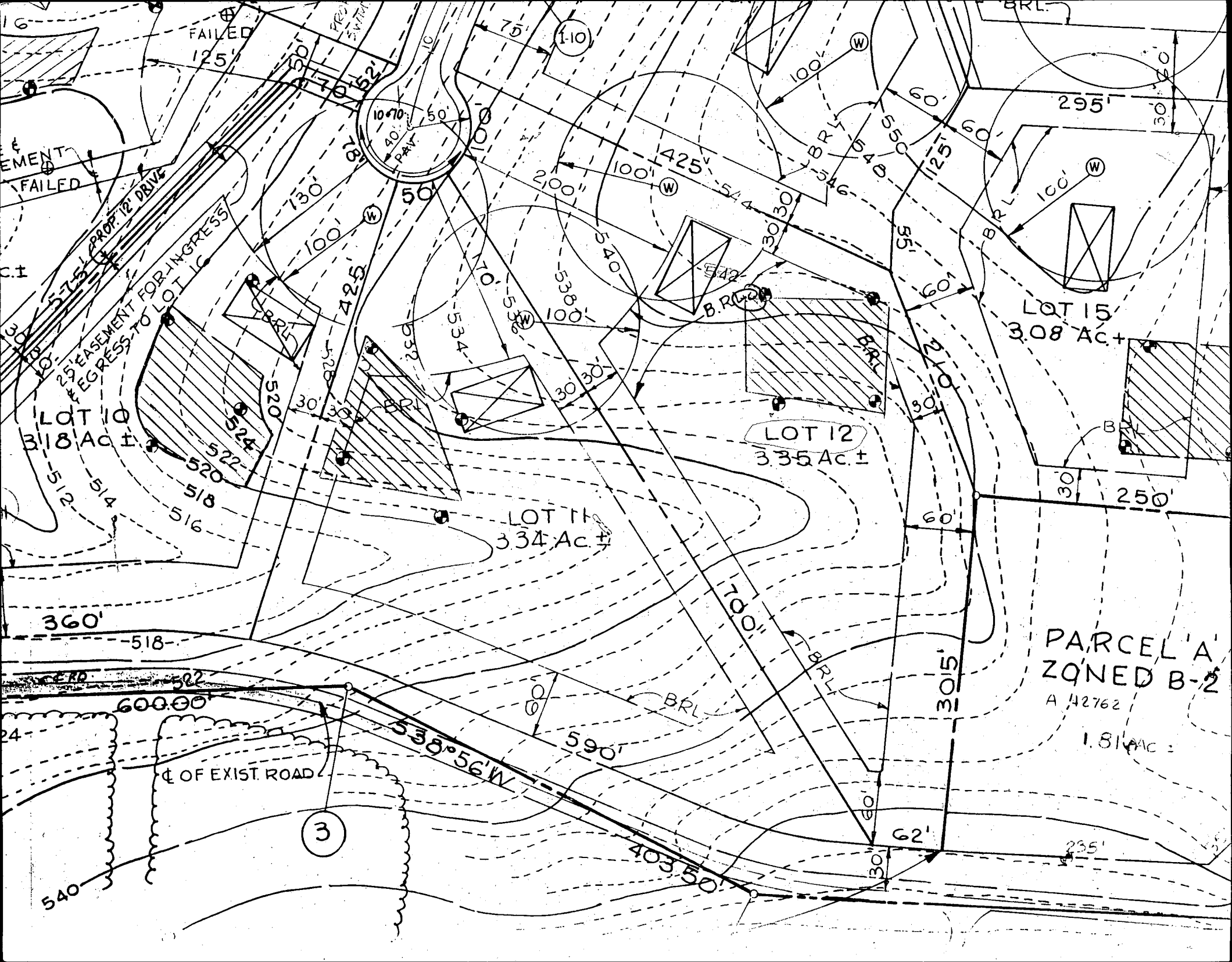
DAISY Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/27/88	1S	3.0'	2:18	2:20	2:20	2:24	4 MIN
		8.0'	2:18	2:19	2:19	2:22	3 MIN
	1V	13" AS Profile					
	2S	4.0'	2:20	2:22	2:22	2:25	3 MIN
	2V	12.5'	Similar to Profile				
	3S	3.5'	2:21	2:36	2:30	2:46	16 MIN
	3V	12.5'	Similar to Profile				
	4S	3.5'	2:23	2:27	2:27	2:40	13 MIN
	4V	12.0'	Similar to Profile w/ more frag 25-35% 47 11'±				

REMARKS Holes slightly diff than prev

TYPE OF SOIL clayey

TESTED BY S. Abel ALSO PRESENT Paul M. Ancher  
C. Cissel



FAILED  
125'

EMENT  
FAILED

PROPR. 12' DRIVE  
25' EASEMENT FOR INGRESS & EGRESS TO LOT 10

LOT 10  
318 Ac ±

LOT 11  
334 Ac ±

LOT 12  
335 Ac ±

LOT 15  
3.08 Ac ±

PARCEL A  
ZONED B-2

A 42762

1.81 AC ±

3

1-10

600.00'

Q OF EXIST. ROAD

538°56'W

590'

403' 50'

3015'

62'

235'

250'

295'

100'

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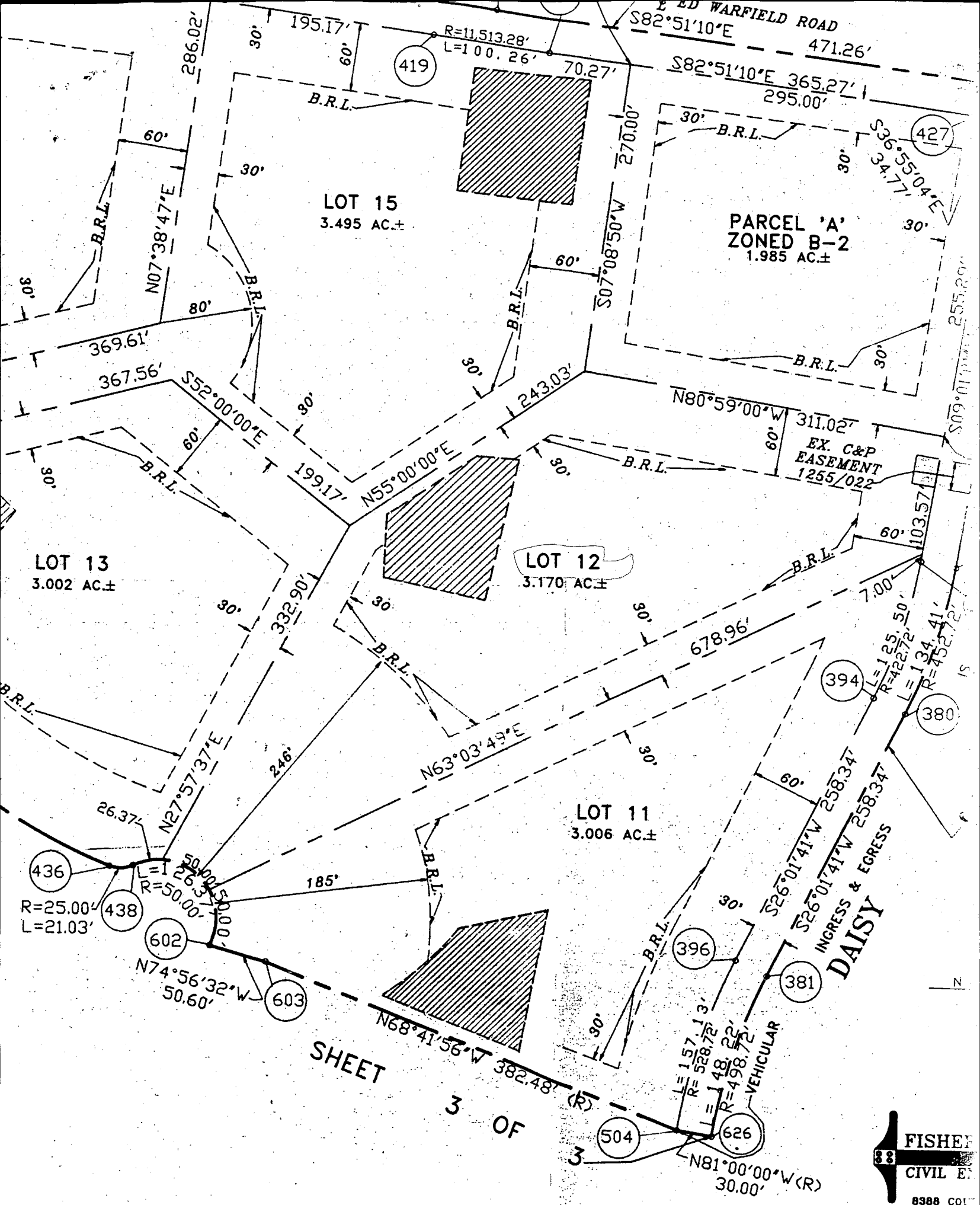
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SHEET  
3 OF 3

