5/9/00 Septic C.O.
5/10/00 2-3 NOON-1:00
5/11/00 1:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513219

A 48850

DISTRICT

DATE 1/10/2000

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

INDEXED

DATE SYSTEM APPROVED 5/11/00

INSPECTOR S.R.K.

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Quarterfield LOT 34 ROAD 11608 Whitetail Lane

PROPERTY OWNER Dale Thompson Builders

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS **TOP SEAMED SEPTIC TANK**

SYSTEM TO BE INSTALLED FIRST OK W/O WALL CHECK MR 1/10/99

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 180.00' and 224.29' lot lines, begin 120 ← ~~trenches 135~~ feet down the 224.29' lot line and 10 feet off that same lot line. Run trenches on contour in ~~both directions~~. towards the 72.89' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 1/4/00 DKS

IMPORTANT * KEEP TRENCHES 3' ETE (10' CTC) TO CONSERVE AREA *

* OK TO INSTALL HIGHEST TRENCH SLIGHTLY OUT OF SEPTIC AREA *

PLANS APROVED BY Amy McMillen Revised 5/2/00 SRK DATE 12-27-1999

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)

SLOG. PERMIT SIGNED AND RETURNED 6/22/2000

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

B 00125050 INGROUND POOL

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

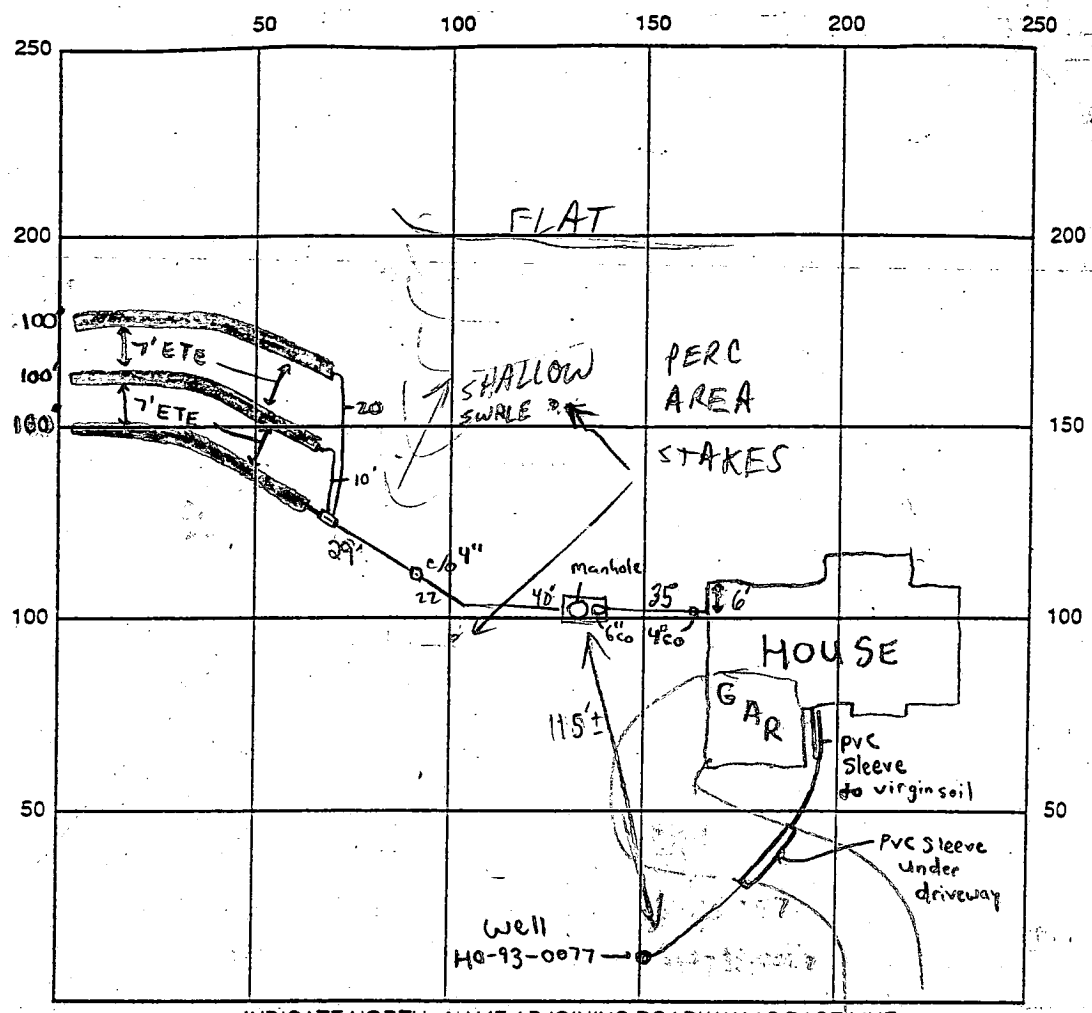
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

HD-260(6-90)

A 48850

NOT TO SCALE



SEPTIC TANK LEVEL 1500 GAL TOP-SEAMED BAFFLES ARE IN CLEANOUTS 4" @ HOUSE, 6" + MH @ S.T.

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD ~~TITLE~~ TILE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 300 FT.

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~/BOTTOM AREA 900 SQ. FT.

DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

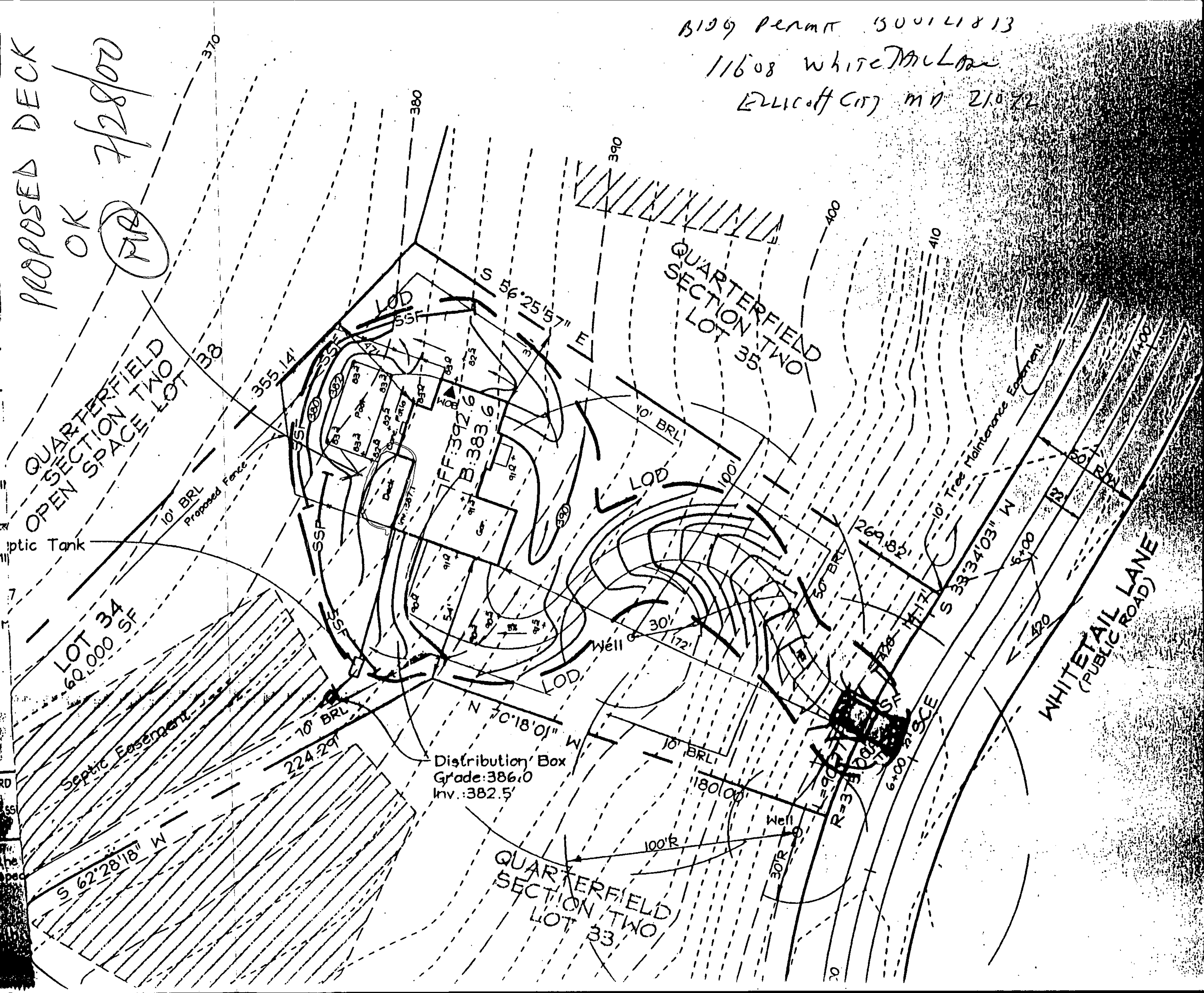
ABSORBENT AREA N/A SQ. FT.

REMARKS: 5/2/00 - MET WITH KURT FROM FOGLES, BECAUSE OF SWALE IN SEPTIC AREA-LAYOUT INSPECTION CONDUCTED AT INSPECTOR'S REQUEST, PUMP SYSTEM SHOULD NOT BE NECESSARY BUT SOME OF SEPTIC EASEMENT LOST DUE TO SWALE NOT DESCRIBED BY MAP CONTOUR. REVISED SOME SYSTEM SPECS (SEE FRONT), 3RD REPAIR CAN BE INSTALLED SLIGHTLY OUT OF SEPTIC AREA TOWARDS 355.14 LOT LINE (SRK) 5/9/00 S.T. SET, CANTINUE (RVA)
5/10/00 - OK TO CONTINUE WORK (SRK) 5/11/00 - OK TO COVER ALL WORK (SRK)

DATE SYSTEM APPROVED 5/11/00 INSPECTOR Steven R. Krieg

BLDG PERMIT B00121813
11608 WhiteTail Lane
Ellicott City MD 21042

PROPOSED DECK OK 7/28/00



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ICE
34" MI
36" MI
8" M

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1810
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00125698

Building Address 11608 WHITETAIL LANE ELLICOTT CITY MD 21042
Suite/Apt. #: SDP/WP/Petition #:
Census Tract 6030 Subdivision Quarterfield
Section — Area — Lot 34
Tax Map 23 Parcel 101 Grid 15
Zoning RR Map Coordinates 10K10 Lot size

Property Owner's Name DALE Thompson BLDG
Address 10005 OLD COLUMBIA RD
City Columbia State MD Zip Code 21046
Home Phone Work Phone 410-995-6736
Applicant's Name & Mailing Address, (if other than stated hereon):
Phone Fax

Existing Use Single Family
Proposed Use Single Family & Deck
Estimated Construction Cost $ 4000
Description of Work Build 15x30 (approx) irregular shape Deck onto 1st Fl of House on rear of Home w/steps

Contractor Company As Above
Contact Person Donald Hamburg
Address
City State Zip Code
License No.
Phone Fax

Occupant or Tenant
Contact Name
Address
City State Zip Code
Phone Fax

Engineer or Architect Company
Contact Person
Address
City State Zip Code
Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:
No. of stories:
Gross area, sq. ft. per floor:
Use group:
Construction type:
___ Reinforced Concrete
___ Structural Steel
___ Masonry
___ Wood Frame
___ State Certified Modular

Utilities

Water Supply:
___ Public
___ Private
Sewage Disposal:
___ Public
___ Private
Electric Yes ☐ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: N/A ☐
___ Full
___ Partial
___ Other Suppression
___ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐
Depth Width
1st floor:
2nd floor:
Basement:
Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
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:
Roof:
___ State Certified Modular
___ Manufactured Home

Utilities

Water Supply:
___ Public
✓ Private
Sewage Disposal:
___ Public
✓ Private
Electric Yes ☐ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: N/A ☐
___ NFPA #13D
___ NFPA #13R
___ Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THIS 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: Donald Hamburg
Print Name: DONALD HAMBURG
Title/Company: Proj Man. Dale Thompson Bldg
Date: 7/28/00

Checks payable to: *DIRECTOR OF FINANCE OF HOWARD COUNTY*
** PLEASE WRITE NEATLY AND LEGIBLY. **
- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ	7/28/00	Joe Rutter
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	7/28/00	Mark Rifkin
Fire Protection		

Is Sediment Control approval required prior to issuance? YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION
Front: 50 FT
Rear: 30 FT
Side: 10 FT
Side St.: NA
All minimum setbacks met? YES ☑ NO ☐
Is Entrance Permit required? YES ☐ NO ☑
Historic District? YES ☐ NO ☑
Lot Coverage for NewTown Zone
SDP/Red-line approval date

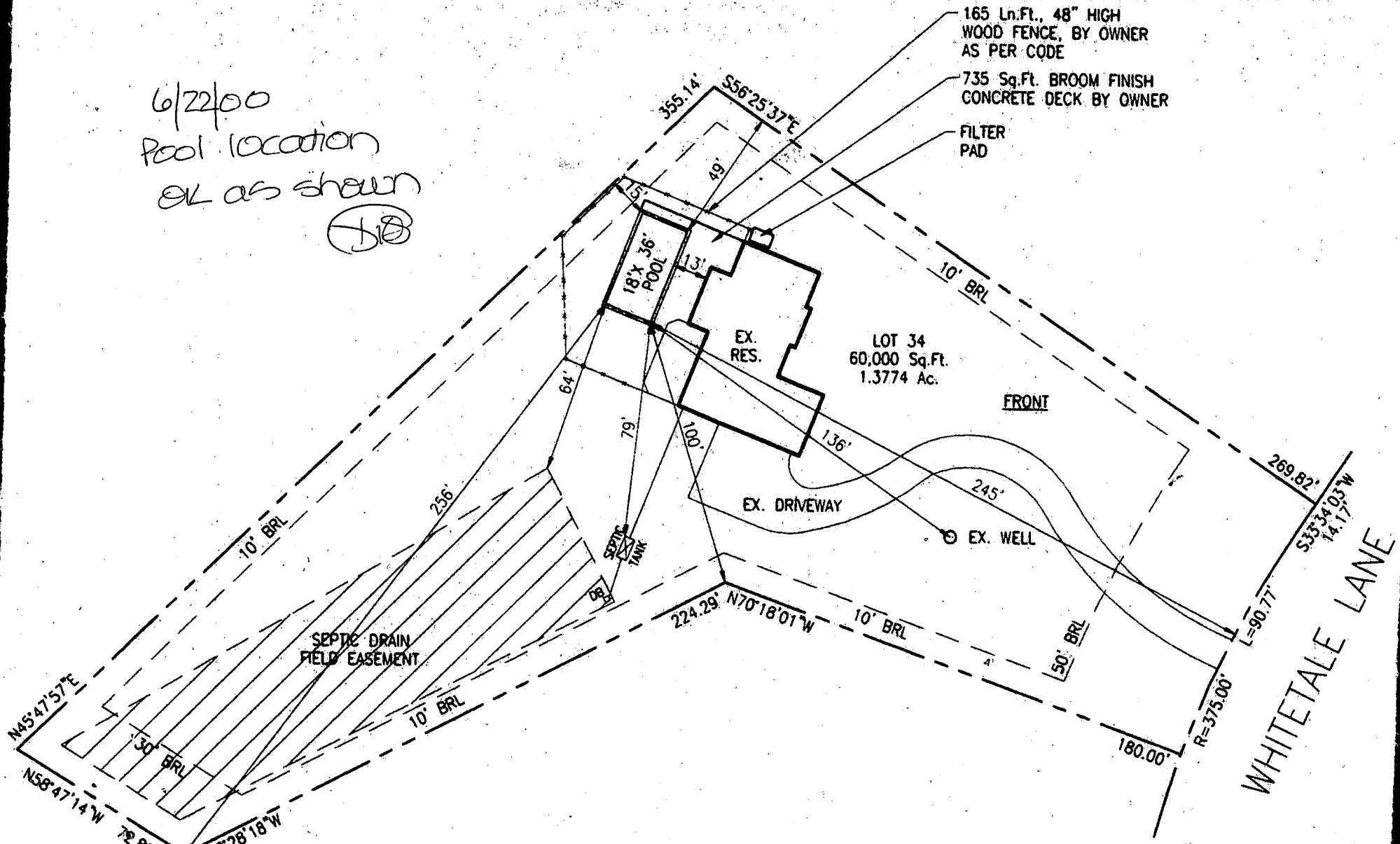
PROPERTY ID#: 44493

Filing fee	$ 30
Permit fee	$
Excise tax	$
Sub-total paid	$
Add'l permit fee	$
TOTAL FEES	$ 30
Balance due	$
Check	# 16643
Validation	# 33622

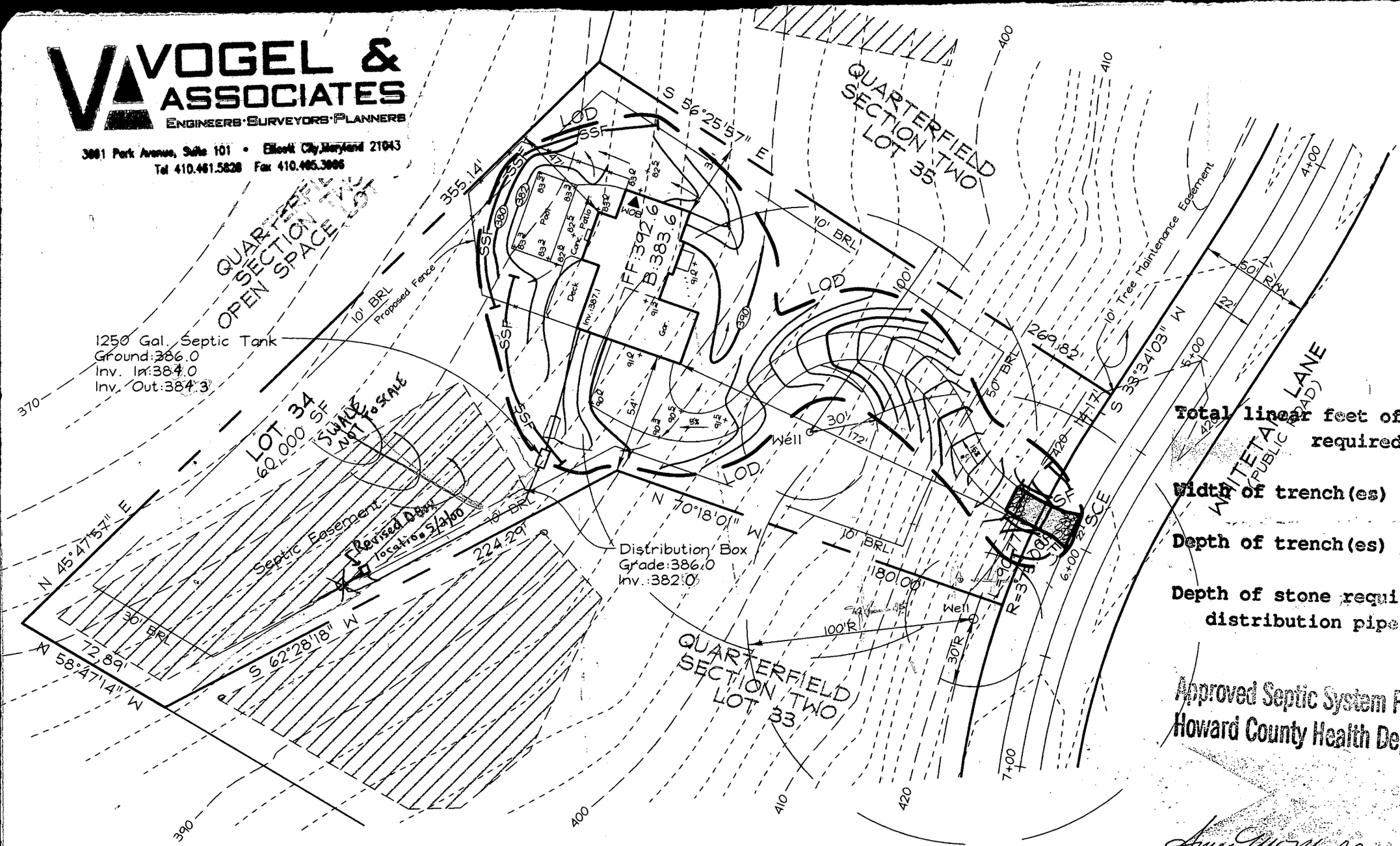
Accepted by

Distribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

s:\permit.fm Rev. 10/15/98


6/22/00
Pool location
OK as shown
165 Ln.Ft., 48" HIGH
WOOD FENCE, BY OWNER
AS PER CODE
735 Sq.Ft. BROOM FINISH
CONCRETE DECK BY OWNER
FILTER
PAD
355.14'
S56°25'37"E
49'
15'
18'X 36'
POOL
13'
10' BRL
EX.
RES.
LOT 34
60,000 Sq.Ft.
1.3774 Ac.
FRONT
64'
79'
100'
136'
245'
269.82'
S35°34'03"W
14.17'
EX. DRIVEWAY
EX. WELL
256'
10' BRL
SEPTIC
TANK
DB
224.29'
N70°18'01"W
10' BRL
50' BRL
L=90.77'
R=375.00'
180.00'
WHITETALE LANE
SEPTIC DRAIN
FIELD EASEMENT
N45°47'57"E
30' BRL
N58°47'14"W
92.89'
S62°28'18"W
10' BRL

VOGEL & ASSOCIATES
ENGINEERS · SURVEYORS · PLANNERS
3881 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3866



Total linear feet of trench required 600 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 6.0 feet

Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan
Howard County Health Department

Signature 12/27/90 Date

SEQUENCE OF CONSTRUCTION

1. Obtain Grading permit.
2. Install sediment control as shown on plan in accordance with details (2 days)

APPLICATION

PERCOLATION TESTING

A 50

P

DISTRICT

DATE 4/7/93

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

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 ~~Joseph M. Zoller, III~~ DALE THOMPSON BUILDERS
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.

ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 34

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road intersection. 11608 WHITETAIL LANE

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 5 BRMS
(SINGLE FAMILY DWELLING OR COMMERCIAL)

[illegible] PERMIT ISSUED AND RETURNED 12/27/93
SERIAL# B00121893

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. SDC Group Inc. By: [signature] VP
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

DISAPPROVED BY FOR DATE

HOLD PENDING FURTHER TESTS

REASONS FOR REJECTION OR HOLDING PERC OK-HOLD FOR PLAT MR 7/26/93

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

HD-216 (3/92)

A48833
COUNTY #

Lot 17

SOIL PROFILE

0'

(56) (70) (69A) (67A)

dk. brn sa si cl lm

4

tan gray org mica quartz sa lm 5-15% frags

11½

(57)

org brn si clay 10% frags

4½

org si brn lm cave 15% in frags

7

org + dull brn colors

8'3"

WATER

8½

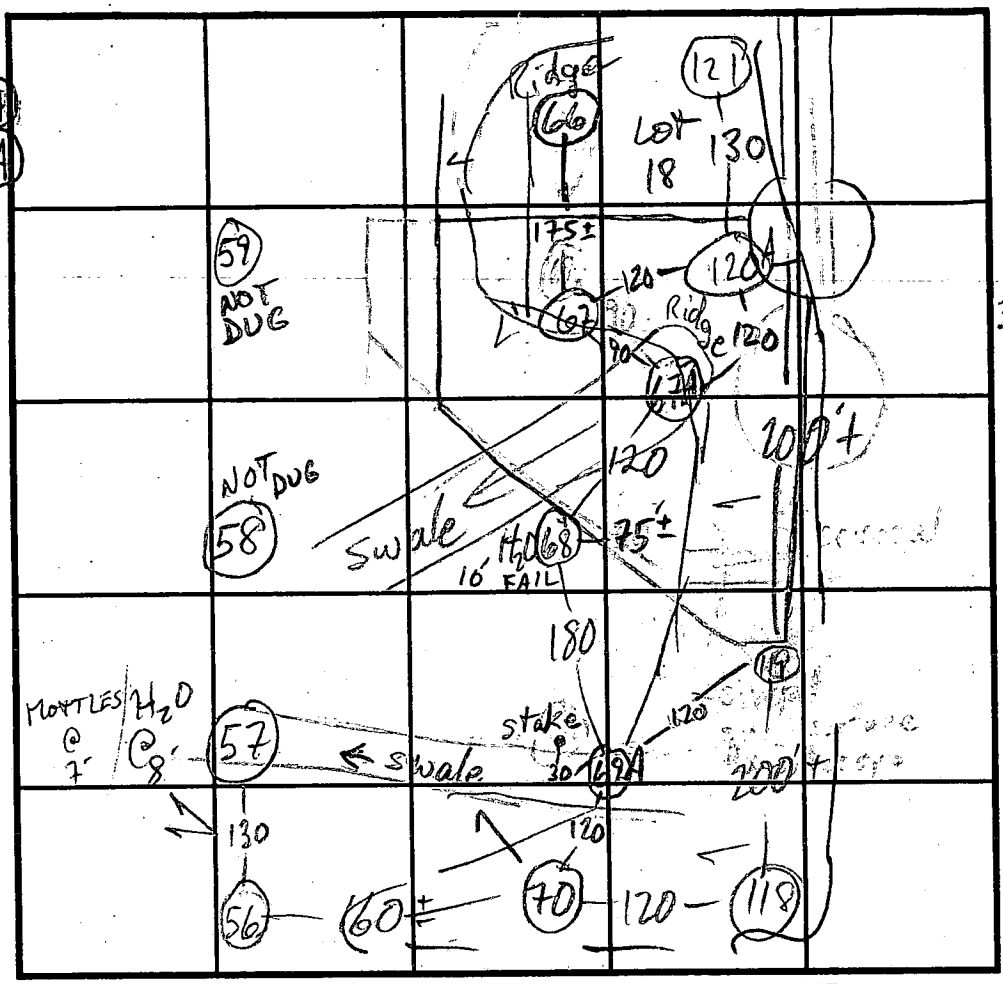
(68)

org brn cl lm 20% quartz frags

5-6

gray org mottled si lm 20% quartz frags

10½



SOIL PROFILE

0'

(67)

brn org sa cl lm 40% hard sandstone frags

3½

tan brn gray sa lm 30% hard sandstone frags

8

same 15% soft sandstone frags

13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/5/93	57 V	8½	WATER	@ 8'3"	MOTTLES @ 7'		
	56 S	5	10:15:00	10:18:45	10:18:45	10:22:30	3 min 45 sec
	56 M	8	10:16:30	10:18:30	10:18:30	10:19:00	30 sec
	56 V	11½	10:20:00	10:22:00	10:22:00	10:23:30	1½ min
	70 S	5½	10:30:20	10:30:50	10:30:50	10:32:00	1 min 10 sec
	70 M	9	10:31:15	10:32:30	10:32:30	10:35:00	2½ min
	70 V	13	OK 15-20	9% quartz	frags: 3	½: 5'	
	69A S	5	10:48:45			10:49:30	45 sec
			10:50:00	10:50:30	10:50:30	10:54	3½ min
	69A M	8	10:50:30	10:51:45	10:51:45	10:52	FAST
			10:54:30	10:55:15	10:55:15	10:57:30	2 min
	69A V	11½	see profile				
	68 V	10½	WATER	@ 10' - FAIL	MOTTLES @		5-6'
	67A V	12½	OK see profile				
	67A S	5	11:24:15	11:27:15	11:27:15	11:30:15	3
	M	8½	11:25:00	11:28:00	11:28:00	11:28	1
	67A S	4½	11:55:45	11:56:15	11:56:15	11:58	1¾ min
	M	9	11:57:30	11:58:30	11:58:30	12:00	1½ min

REMARKS 67 V 13 see profile

TYPE OF SOIL

TESTED BY M. Rifkin ALSO PRESENT C. Sperry, Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH 2

INLET DEPTH 3½ MAXIMUM BOTTOM DEPTH 7½ SQ. FT/BEDROOM 180

APPLICATION

A 48850

P _____

PERCOLATION TESTING

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

DISTRICT _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

_____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(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. _____
(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

(118) (119) SOIL PROFILE (120A)

0

brn sa cl lm

4

tan gray beige sa lm 10% frags

12½

SEE ATTACHED

Lot 17

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(66)

brn org sa cl lm 15% frags

3½

org gray tan sa lm 10% saprolite frags

13

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/10/93	119 S	5	2:54:15	2:57:00	2:57:00	3:00:30	3+ min
	119 M	9	2:55:00	2:56:00	2:56:00	2:58:30	2+ min
	119 V	12½	see profile				
	118 S	5½	3:04:30	3:10:30	3:10:30	3:18	8 min
	118 M	8½	3:13:00	3:13:30	3:13:30	3:14:18	45 sec
	118 V	8½ 12½	3:14:45 sim to (119)	3:16:00 11	3:16:00 15% frags	3:18 S	2
2/11/93	120A S	5	2:37:30	2:40:45	2:40:45	2:43:45	3 min
	120A M	8½	2:38:00	2:39:45	2:39:45	2:42:45	3 min
	120A V	12½	sim to (119)		15% frags		
2/5/93	66 S	5	2:55:45	2:57:00	2:57:00	1:59:30	2 & min
	66 M	9	2:56:30	2:57:00	2:57:00	2:57:50	50 sec
	66 V	13	2:58:15 see profile	2:59:15	2:59:15	3:00:30	1 min 15 sec

REMARKS USE (66) (67) (67A) (69A) (70) (118) (119) (120A) (121)

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 48850

P 16

DISTRICT _____

DATE _____

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

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 Joseph M. Zoller, III
ADDRESS 11696 Carroll Mill Road Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.

ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 35 34

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road intersection.

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- 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. SDC Group Inc. By: Leslie Reed V.P.
(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

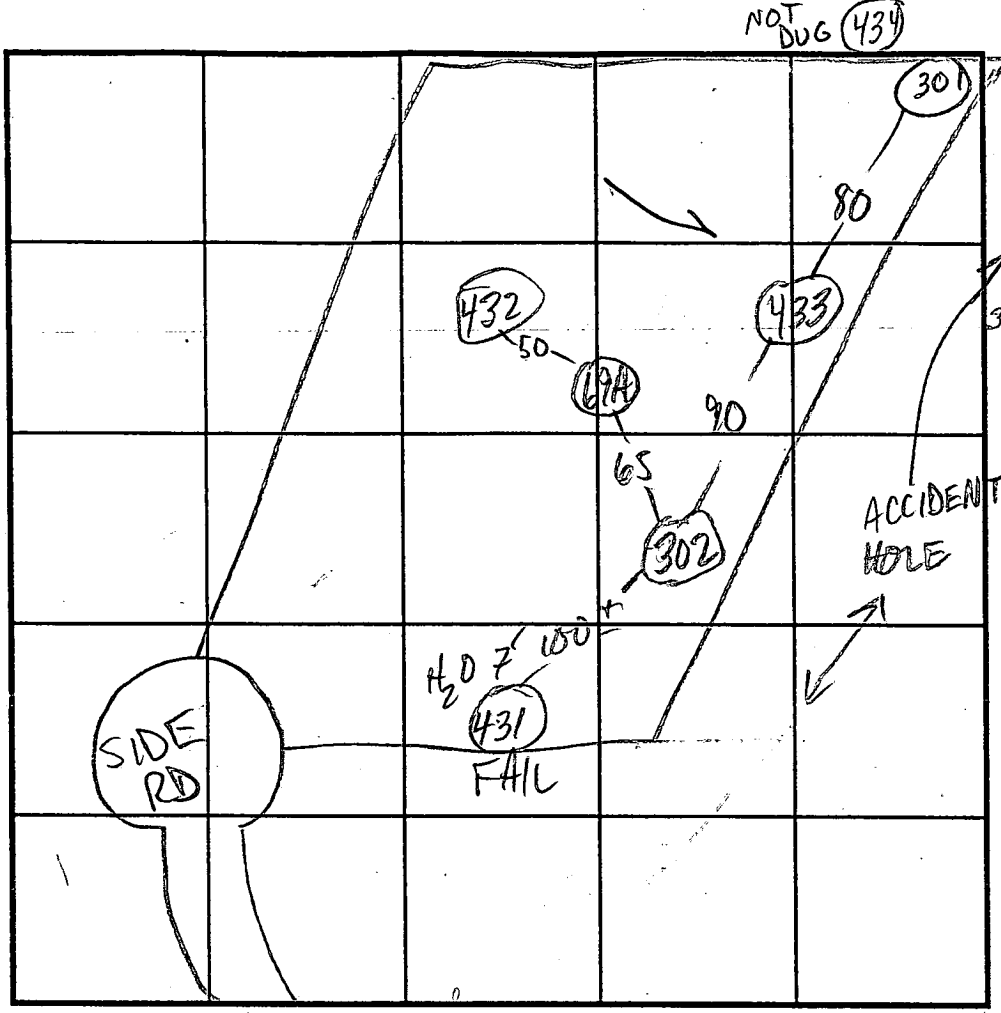
HD-216 (3/92)

COUNTY #

SOIL PROFILE
0' NOT A HOLE
brn sa cl lm 15% frags
3
tan sa lm 10% frags
11
WATER
11½

432
brn sa cl lm
3
tan si lm
6
coarse brn tan sand
13
WATER
13 3"

431
brn red cl
3
red si. lm
5
cave-in
7
WATER
9½



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 301 433
0'
tan sa cl lm
3½-4
gray tan org coarse sand loam (decomposed sandstone) 5% frags

302
tan sa cl lm 15% frags
3
brn org si lm 20% frags
6
dk. brn sa lm 35% frags
9
HARD BOT

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7/26/94	NOT INTENDED	4	2:55:10	2:56:45	2:56:45	3:00	3+
	AS PERC HOLE	11½	H_2O @ 11'				
	432	4	3:12:00	3:13:00	3:13	3:16	3
	432	13'3"	H_2O: 10 @ 13				EST
7/27/94	431	9½	H_2O @ 7				
	301	5	9:54:45	9:55:35	9:55:35	9:57:35	2
	301	12					
	302	3, 9	10:04:50 spe profile	10:15	10:15	10:25	10
NOT STAKED	433	3	10:33:45 10:35:05	10:34:05 10:35:40	10:34:05 10:35:40	10:34:40 10:36:40	35 sec 1 min
	433	12	sim to 301		20% frags 10% 5-12"		4'-5'

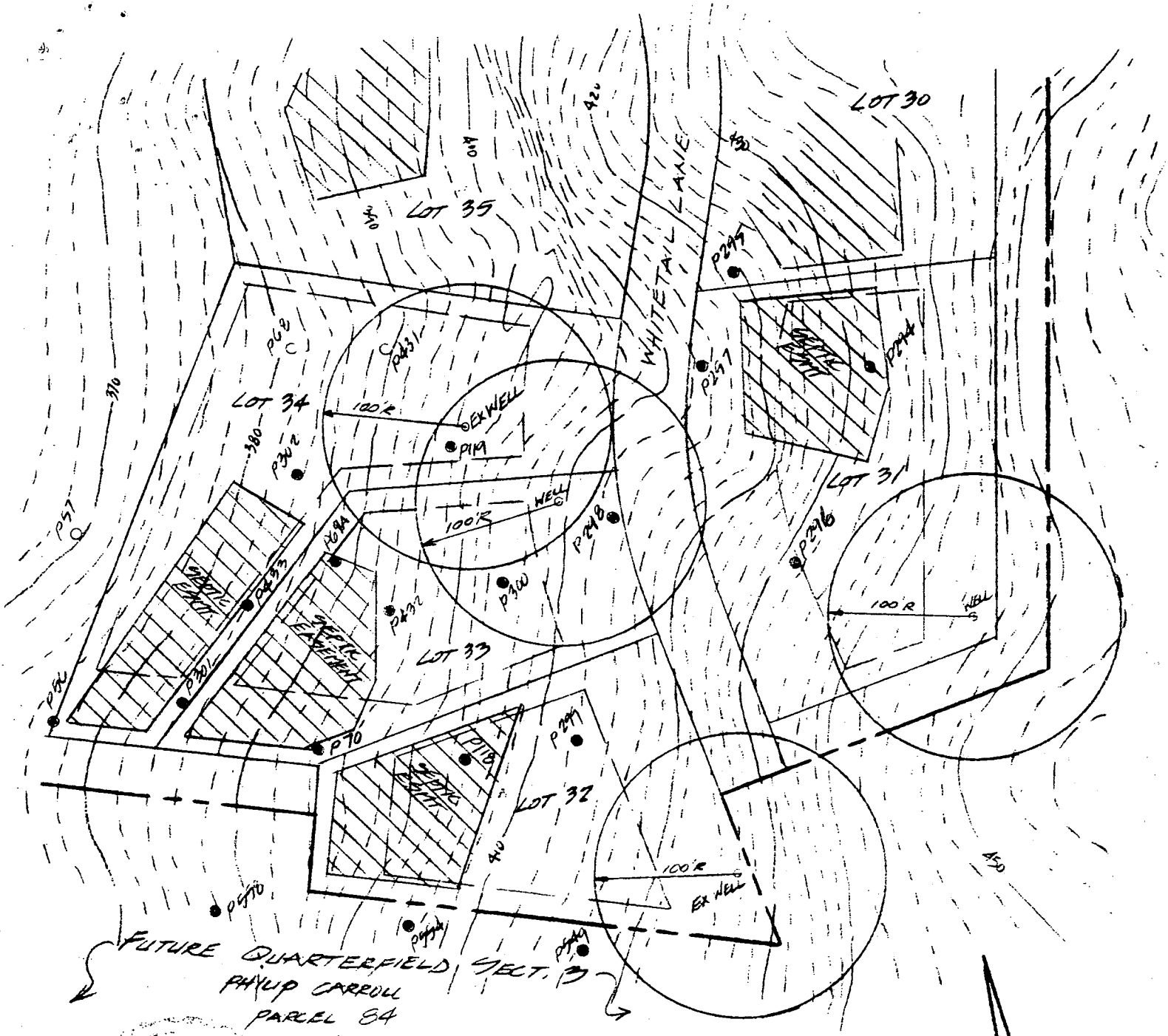
REMARKS

TYPE OF SOIL

TESTED BY M. Rifkin ALSO PRESENT Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



FUTURE QUARTERFIELD, SECT. 3
PHILIP CARROLL
PARCEL 84

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

4/10/96

HOWARD COUNTY HEALTH OFFICER (CW)

1"=100'

THIS AREA INDICATES APPROVED PERC AREAS AND DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD. DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

T3A GROUP, INC.
9480 BALT. NATL. PIKE, STE 418
ELLICOTT CITY, MD 21043

QUARTERFIELD SECT. 2 PERC CERTIFICATION PLAN LOTS 31-34 REVISION

PERC CERTIFICATION PLAN FOR SUBDIVISION APPROVED 2/3/95. REVISION DUE TO LOT RECONFIGURATION AND PROVISION OF ACCESS TO ADJACENT PARCEL 84.

SEPTIC AREAS SHOWN ARE A MINIMUM 10,000 SF.

DEVELOPER: SDC GROUP, INC

MARCH 1996

C 1 2863 — SEQUENCE NO. (MDE USE ONLY)
(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 488 50

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED 1/10/95

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-93-0077

OWNER SDC Group
STREET OR RFD Whitetail La TOWN W. Friendship
SUBDIVISION QUARTERFIELD SECTION 2 LOT 1634

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	FEET TO	check if water bearing
Sand	0	59	
GRAY MICA ROCK	59	400	✓

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: yes (Y) / no (N)

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.

TYPE: MWD/MSD/MGD
DRILLERS LIC. NO. 24
Joseph L Mayne
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO.

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes (Y) / no (N)
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 30 NO. OF POUNDS 2820
GALLONS OF WATER 180
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 49 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
- ST — STEEL
- CO — CONCRETE
- PL — PLASTIC
- OT — OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
ST	6	63

OTHER CASING (if used)
EACH CASING

	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below
- ST — STEEL
- BR — BRASS BRONZE
- HO — OPEN HOLE
- PL — PLASTIC
- OT — OTHER

C 2

EACH SCREEN		DEPTH (nearest ft.)	
1	HO	61	400
2			
3			

SLOT SIZE 1 _____ 2 _____ 3 _____
DIAMETER OF SCREEN _____ (NEAREST INCH)

GRAVEL PACK / IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68: from _____ to _____

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T ____ (E.R.O.S.) ____ W Q ____
TELESCOPE CASING | LOG INDICATOR | OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 4
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 30 ft.
WHEN PUMPING 280 ft.

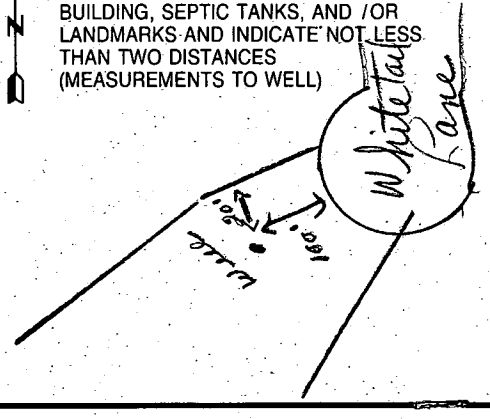
TYPE OF PUMP USED (for test)
- A — air
- P — piston
- T — turbine
- C — centrifugal
- R — rotary
- O — other (describe below) 4 8 2 9
- J — jet
- S — submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES / NO

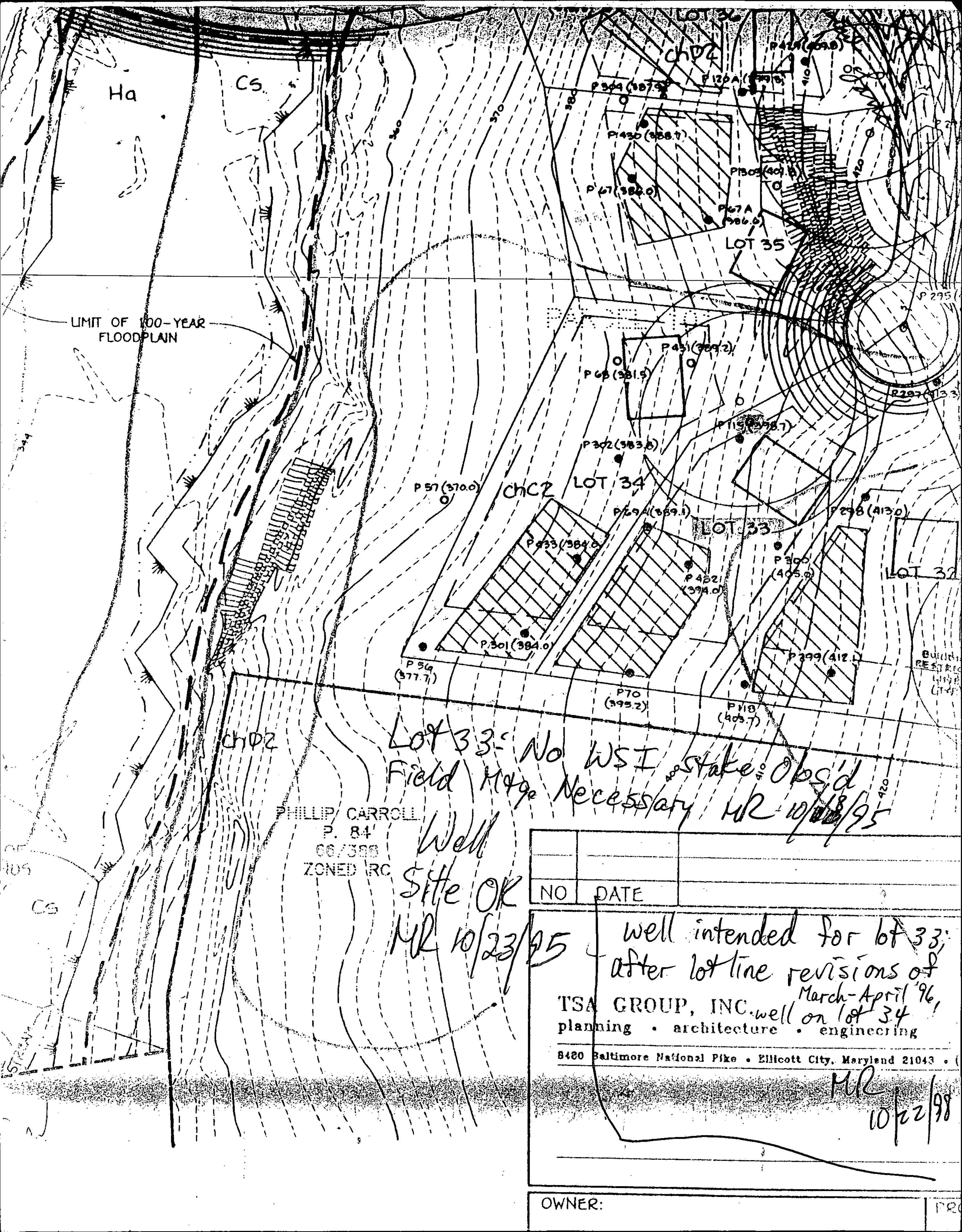
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
+ above / − below LAND SURFACE 2 (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)



COUNTY


Ha
CS
ChD4
P 364 (387.9)
P 120A (399.8)
P 430 (388.1)
P 67 (386.0)
P 130 (401.8)
P 67A (386.0)
LOT 35
LIMIT OF 100-YEAR FLOODPLAIN
P 451 (389.2)
P 68 (381.5)
P 115 (398.7)
P 302 (383.8)
P 57 (370.0)
ChC2
LOT 34
P 294 (389.1)
LOT 33
P 298 (413.0)
P 433 (384.0)
P 432 (394.0)
P 300 (405.0)
LOT 32
P 301 (384.0)
P 56 (377.7)
P 299 (412.1)
P 70 (395.2)
P 118 (403.7)
ChD2
Lot 33: No WSI Stake Obs'd
Field Mtg. Necessary MR 10/18/95
PHILLIP CARROLL
P. 84
66/388
ZONED RC
Well
Site OK
MR 10/23/95
NO
DATE
well intended for lot 33;
after lot line revisions of
March-April '96,
well on lot 34
TSA GROUP, INC.
planning · architecture · engineering
8480 Baltimore National Pike · Ellicott City, Maryland 21043
MR
10/22/98
OWNER:

STATE USE INDUSTRIES
JESSUP, MD 20794

EMERGENCY/TEMP NO. IF ANY

B 1 | 1906 | SEQUENCE NO. (MDE USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-93-0077
fill in this form completely

Date Received (APA): 10/6/95

OWNER INFORMATION

SDC GROUP
Last Name / Owner / First Name

PO BOX 417
Street or RFD

Ellicott City MD 21041
Town / State / Zip

DRILLER INFORMATION

CIRCLE: MSD/MGD/MWD

Joseph R. Mayne
Driller's Name — 77 License No. 80: 24

Joseph R. Mayne Well Drilling
Firm Name

5512 Ridge Rd. Mt. Airy, Md. 21771
Address

Joseph R. Mayne — 10/6/95
Signature — Date

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- (F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- (I) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- (P) PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- (T) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL: 300 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary — AIR-PERcussion — ROTARY (Hydraulic Rotary)
CABLE — REVerse-ROTary — DRive-POINT
other

REPLACEMENT OR DEEPENED 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE):

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

APPROP. PERMIT NUMBER: GAP

FORCE: MR (WRITE INITIALS IN BOX) PERMIT No. HO-93-0077

SPECIAL CONDITIONS
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

B 3 LOCATION OF WELL

HOWARD
COUNTY

SUARTHERFIELD
SUBDIVISION

SECTION — LOT 34

WESTFRIENDSHIP
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town): .4 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NW 8-9 | N 8 | NE 8-9
W 8 | TOWN | E 8
SW 8-9 | S 8 | SE 8-9

Whitetail Lane
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH (N) WEST (W) (32) EAST (E) SOUTH (S)

DISTANCE FROM ROAD: 100
ENTER FT OR MI: FT

TAX MAP: 23 BLK: 15 PARCEL 101

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard — A 4889 50
COUNTY NAME — COUNTY NO.

STATE SIGNATURE — INSERT S

DATE ISSUED: 10/26/95
Mark E. Kiffin 10/26/96
CO SIGNATURE — EXP. DATE

NORTH GRID: 521000
EAST GRID: 0825000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

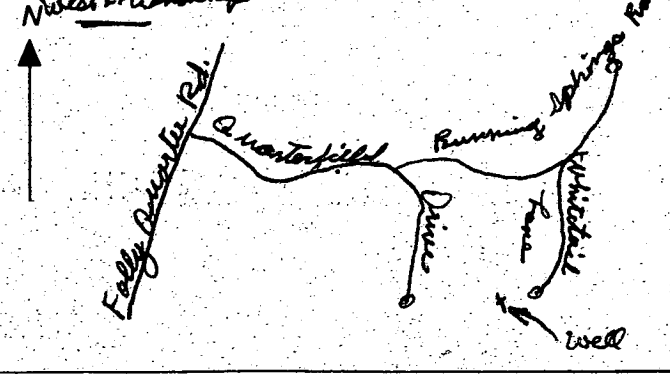
SOURCES OF DRILLING WATER
1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8285
N 5281
000
000

11/6/95 10:30
63' CASING
49' OPEN

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



COUNTY