

5/30/97
9:00 C.O.
6/27/97 - 9:30

RPS # 308235

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

INDEXED

(OWNER KEEPS SWITCHING CONTRACTORS AT THIS WAITING ITS FOIBLE AGAIN) CW 8/1/97

P 58485

A REPAIR

DISTRICT _____

DATE 5/22/97

DATE SYSTEM APPROVED 6/1/99

RESOLVED WITHOUT REPAIR

INSPECTOR (CW)

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL ALTER X

ADDRESS 7110 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Slack Estates LOT 6 ROAD 2050 St. James Road

PROPERTY OWNER Mr. Jagraj

ADDRESS _____

SEPTIC TANK CAPACITY Existing GALLONS * PUMPED SEPTIC SYSTEM REQUIRED *

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

MAXIMUM
LINEAR FEET OF TRENCH REQUIRED 180

SPECS REVISED (TWO OPTIONS) ATTACHED
FIELD MEETING ON 6/27 - SEE ATTACHED (CW)

REPAIR - PURPOSE - SEPTIC SYSTEM IS FAILING (GROUNDWATER INFILTRATION)

TRENCHES - Trench to be 4 feet wide. Inlet as shallow as existing plumbing allows.
One foot of stone below distribution pipe.

LOCATION - Trenches to be installed directly upslope of existing trenches, in highest part of septic area, approximately.

OB Trenches to be 3' wide, inlet 4', bottom 5', stone 1'.
Total trench length 240'.

PLANS APPROVED BY Donna K. Soe DATE 10/17/96

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

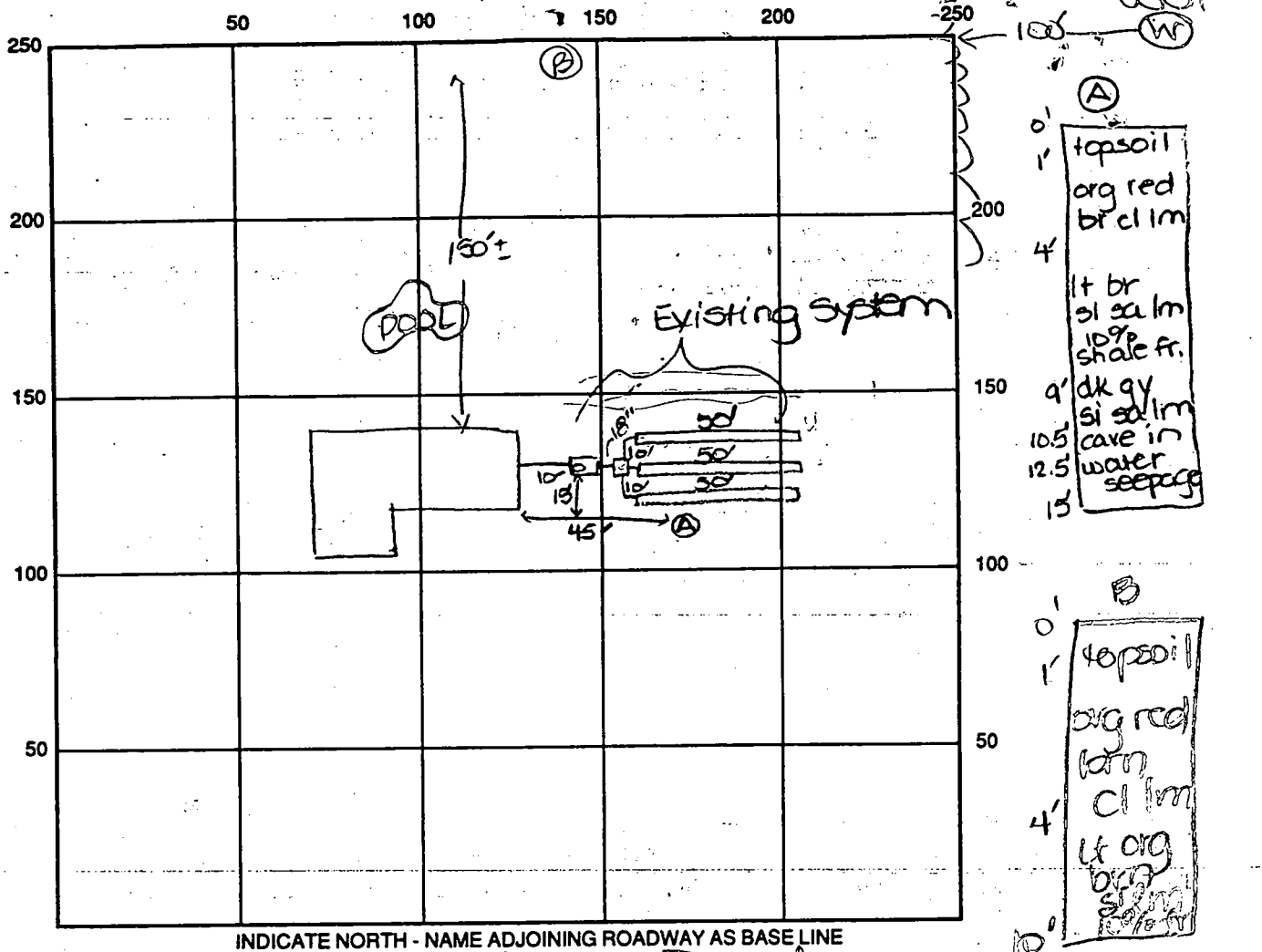
ORIGINAL PERMIT SENT

AND RETURNED 6-7-99

Serial # 118553

duch

*P58485



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

St. James Road

SEPTIC TANK LEVEL Existing CLEANOUTS one on S.T.

DISTRIBUTION BOX LEVEL FL

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

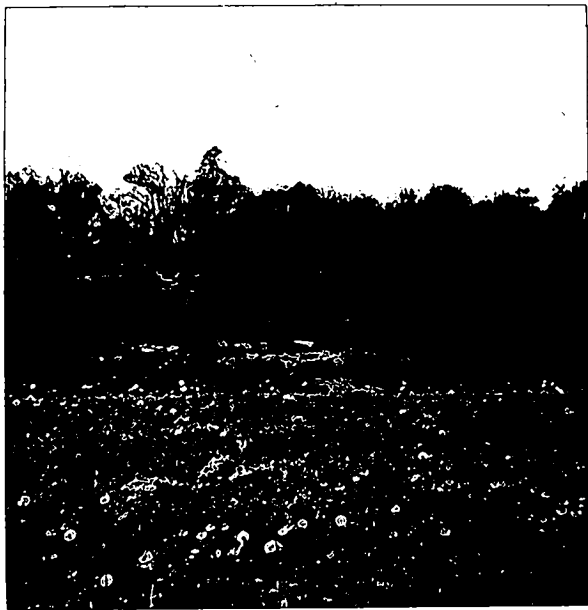
NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

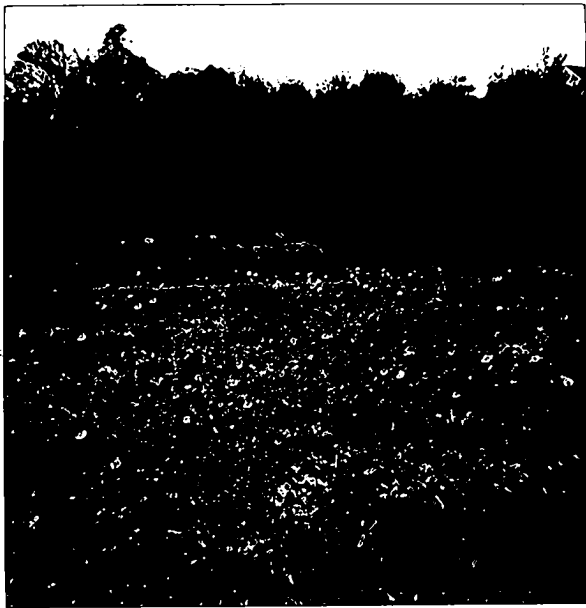
ABSORBENT AREA _____ SQ. FT.

REMARKS: 10/11/96 observation perc hole showed evidence of
water table - test hole open 30 minutes ±. Depth of
closest existing trench 9.5' deep. DKS

DATE SYSTEM REMOVED 6/7/99 INSPECTOR CWILL



1950 St. James Road
5/2/97 4:00 p.m.



1950 St. James Road
5/2/97 4:00 pm

10/17/96
8:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-8933~~ 313-2640

P _____

A REPAIR

DISTRICT _____

DATE _____

DATE SYSTEM APPROVED _____

INSPECTOR _____

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

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784 PHONE 795-5670

SUBDIVISION Slack Estates LOT 6 ROAD 2050 St. James Road

PROPERTY OWNER Mr. Jagraj

ADDRESS _____

SEPTIC TANK CAPACITY Existing GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

MAXIMUM
LINEAR FEET OF TRENCH REQUIRED 180

REPAIR - PURPOSE - SEPTIC SYSTEM IS FAILING (GROUNDWATER INFILTRATION)

TRENCHES - Trench to be 4 feet wide. Inlet as shallow as existing plumbing allows.
One foot of stone below distribution pipe.

LOCATION - Trenches to be installed directly upslope of existing trenches, in highest part
part of septic area, approximately.

PLANS APPROVED BY Donna K. Soe DATE 10/17/96

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

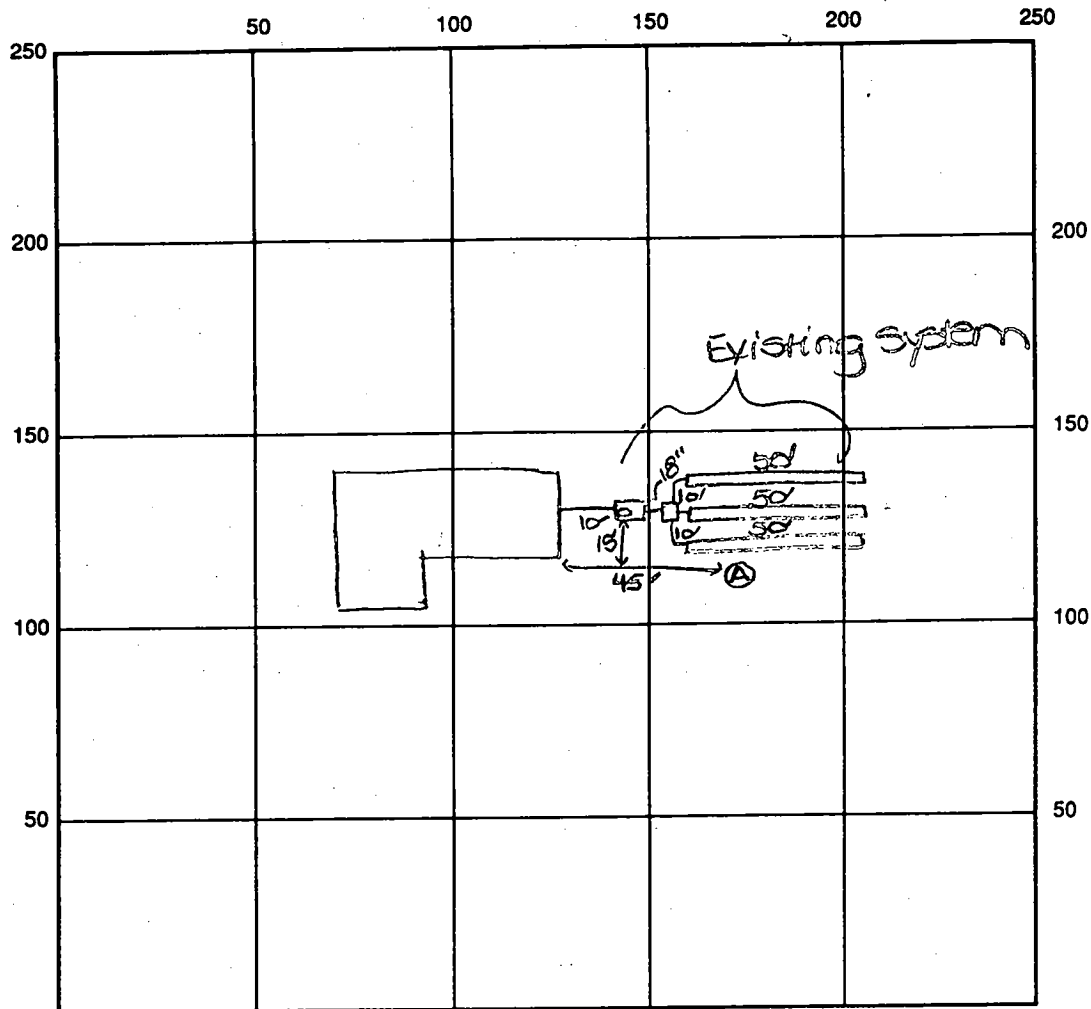
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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)
 0' topsoil
 1' org red
 4' br cl lm
 1' lt br
 sl ea lm
 10% shale fr.
 9' dk gy
 si sa lm
 10.5' cave in
 12.5' water
 15' seepage

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL Existing CLEANOUTS _____

DISTRIBUTION BOX LEVEL EX _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 10/11/96 observation perc hole showed evidence of
water table - test hole open 30 minutes ±. Depth of
closest existing trench 9.5' deep. DKS

DATE SYSTEM APPROVED _____ INSPECTOR _____

8/1/85
ASAR

8-1-85
approved
S. Abel

PERMIT

P 35836
A 35154

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY

DISTRICT 3rd

DATE 8/1/85

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Slack Estates ROAD 2050 St. James Road LOT 6

PROPERTY OWNER Tom Karabaich

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the first trench 140 feet from the rear lot line and 90 feet from the right lot line as seen when facing the property from St. James Street. Run trench(s) along level ground toward Right lot line. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 4/22/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

BLOG. PERMIT SIGNED
AND RETURNED 4/23/92
Serial # B00105199

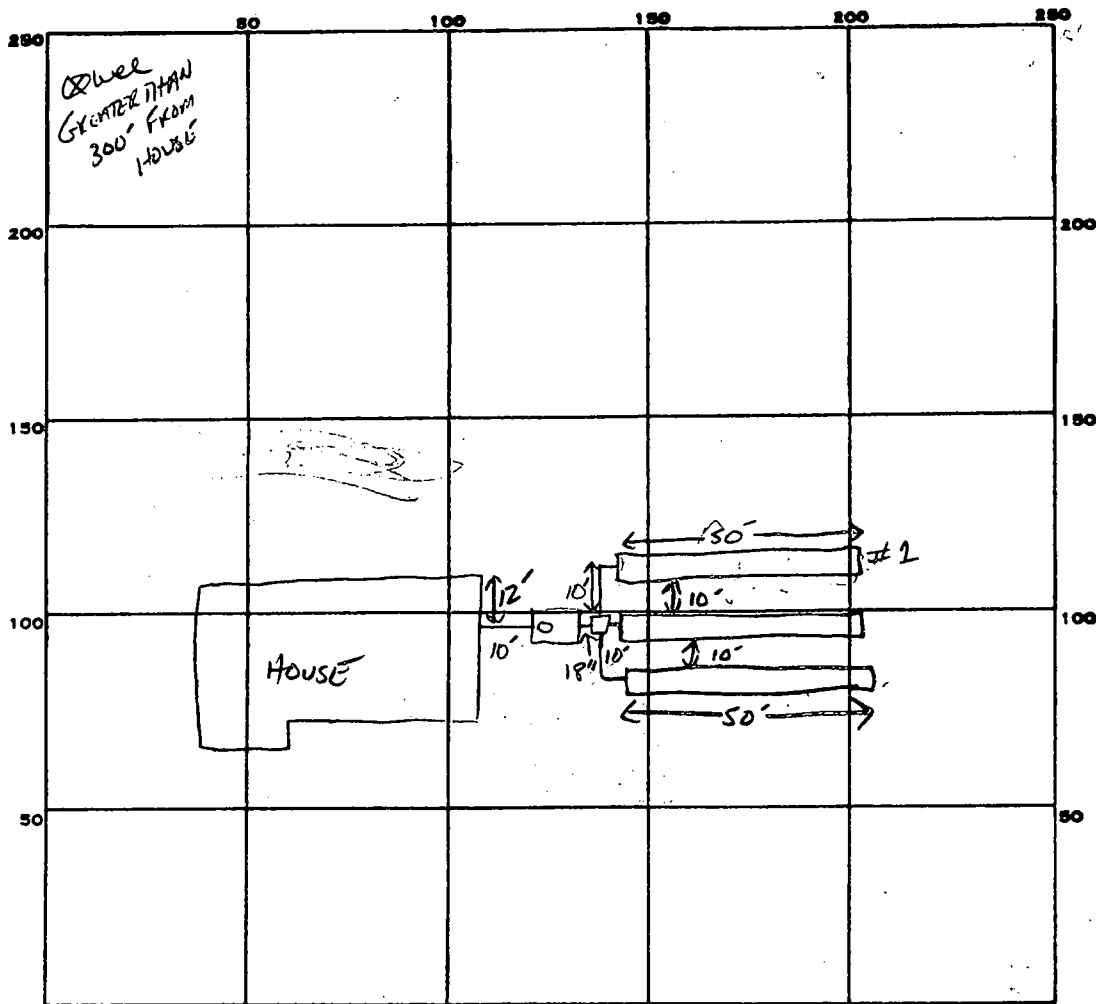
Inground post.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 35154



PERMIT CARD ☒

SEPTIC TANK, LEVEL 1500 GAL

CLEANOUTS ☒

DISTRIBUTION BOX, LEVEL ☒

TILE FIELD, DEPTH ^{① ② ③} 10 9.5 9.5 FT. TRENCH WIDTH 2 FT. INLET 4 FT

GRAVEL DEPTH ^{① ② ③} 6 5.5 5.5 IN. TOTAL LENGTH ^① 50 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 850 ^{550 300}

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 850 SQ. FT.

REMARKS 8-1-85 OK TO ADD STONE TO TRENCH #1 AND DIG #2+3 AND AS STONE AS NEEDED 5 Abel

8-1-85 OK TO ADD STONE TO ALL TRENCHES

DATE SYSTEM APPROVED

8-1-85

INSPECTOR

Sid Abel

APPLICATION

SEWAGE DISPOSAL TESTING

A 29656

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

Septic Tank { 1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons

⊗ Dry well to have 150 sqft.

DISTRICT 3rd

effective absorbent sidewall area per bedroom below int'l.
inlet to be 3' below original grade and maximum depth
of dry well 9 1/2'. Location: 110' from rear property line
and 160' in from right property line when facing
lot from St. James Road

DATE

4/3/79

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

Trench only 158 #/B.R

⊗ 1/4 Dry Well + Trench: If trench

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Slack property

used need:
(1) 5' earth buffers between
Mr. Young, Security Develop-
ment - 465-4244

ADDRESS

PHONE

PROPERTY LOCATION

(2) 2 inspections of trench
= before and after stone
6 in

SUBDIVISION

LOT NO

ROAD AND DESCRIPTION Route 99

(3) Run trenches on
contour

SIZE OF LOT 3 acres m/1

TYPE BLDG 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Stewart Young for Security Development

APPROVED BY

C.B. Streaker

FOR

⊗ Dry Well + 1/4
" " + Trench

DATE

12/29/80

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

(#6 unbuildable)

Hold 5/13/80 Mr. Parks to

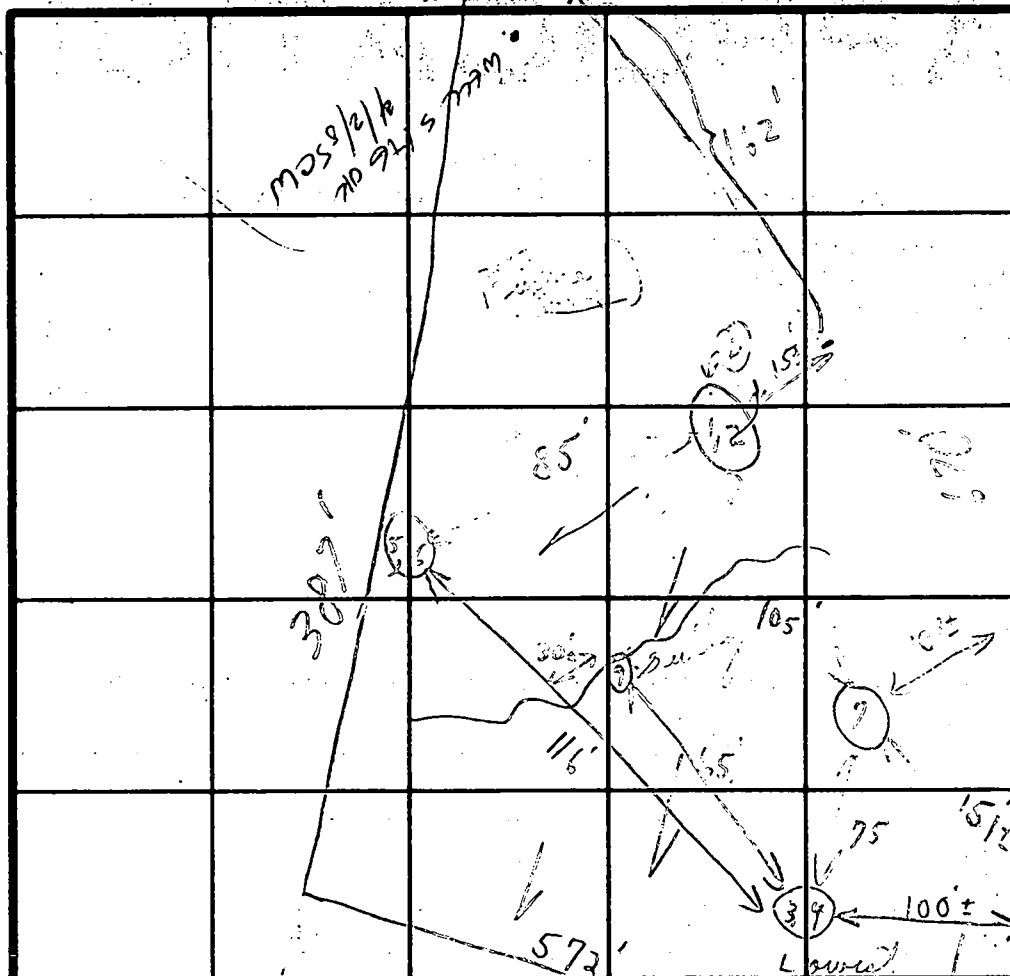
per plat
Design on final plat with original
See revised plat signed 11/5/80 by Health Department.
C.B.L.

THIS IS NOT A PERMIT

6

SOIL PROFILE

Below
clay
sandy
loam



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/18/79	1	3'	10:04	10:06	10:06	10:09	3'
	(H) 2	12 1/2'	10:05	10:07	10:07	10:09	2'
	3	3'	9:47	9:51	9:51	9:57	6'
	4	13'	9:47	9:51	9:51	9:57	6'
	5	3'	9:59	10:01	10:01	10:03	2'
	6	12 1/2'	9:59	10:01	10:01	10:03	2'
	7	4 1/2' - 12'	Laminar sand below clay				
	8	2 1/2' - 13'	"	"	"	"	"
	9	12 1/2'	5:45	5:55	"	"	"

REMARKS

Tests in open field
Need hole in asphalt for gas

Tests not per
plat

TYPE OF SOIL

TESTED BY

C. B. J.

ALSO PRESENT

P. Schlicher

Field
stat.
Tests
per

120 gpf
bottom

Unit 3'

9 1/2'
Maximum
depth

Time
4 min

Tests

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE

A 35154

P _____

4-16-85

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

TOM KARABAKH

ADDRESS

PHONE

PROPERTY LOCATION:

SUBDIVISION

SLACK EST

LOT NO.

2

ROAD AND DESCRIPTION

2050 ST. James Pl.

SIZE OF LOT

TYPE BLDG.

(NUMBER OF BEDROOMS)

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

C. Wilson

FOR

TAGUCHES

DATE

4/22/85

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

B.P. # 64598

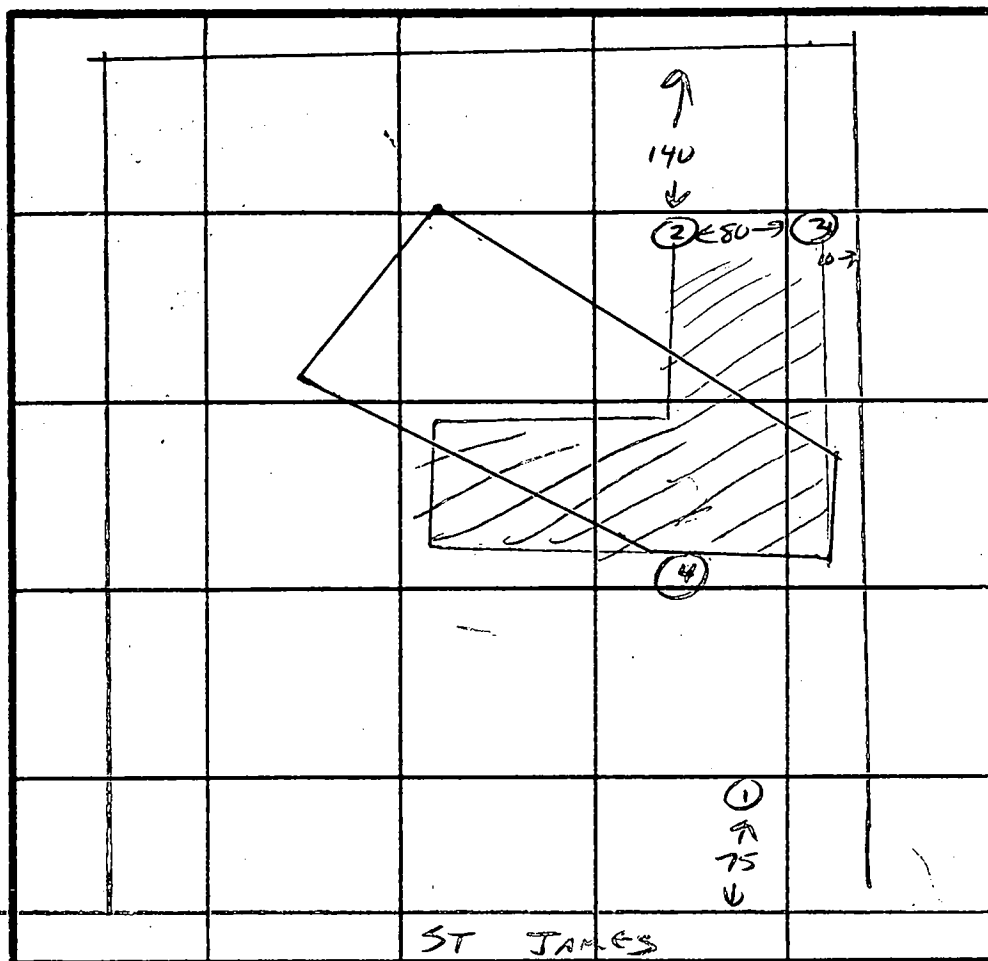
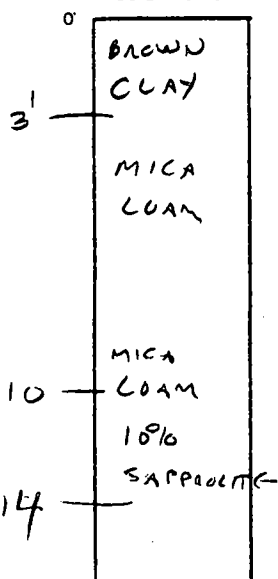
PERM. PERMIT SIGNED

DATE RETURNED 5-14-85

THIS IS NOT A PERMIT

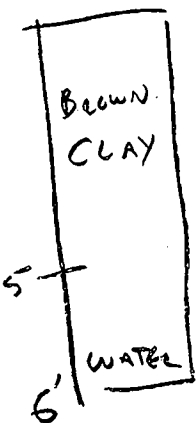
HOLES 2 & 3

SOIL PROFILE

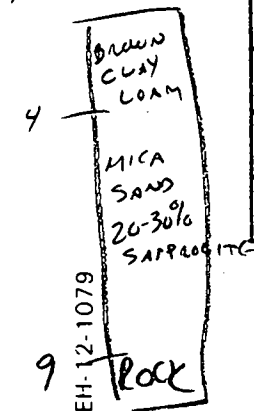


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE 1



HOLE 4



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/14/85	1	6'	WATER				X
	2	4'	10:15	10:19	10:19	10:26	7 MIN
		9'	VIS SAND				
		14'	SAND W/ 10% SAPPHIRE				
	3	4'	10:15	10:17	10:17	10:19	2 MIN
		9'	VISUAL SAND				
		14'	SAND WITH 10% SAPPHIRE				
	4	8'	SANDY LOAM BELOW 4' BUT NOT TESTED				✓
		9'	ROCK				

REMARKS DARK OUTLINE IS ORIGINAL PERC AREA / SHADED FIGURE IS ADJUSTED PERC AREA.

TYPE OF SOIL MICA LOAM

TESTED BY

ALSO PRESENT LARRY STINE, F/OCIL

DATE Received
8 13

DATE WELL COMPLETED
15 20
040483

Depth of Well
22 26
103
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
28 37
40-81-0961

OWNER KARABAICH THOMAS
STREET OR RFD last name ST JAMES RD first name TOWN WEST FRIENDSHIP
SUBDIVISION BLACK ESTATES SECTION LOT 6

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
Dirt	0 1	
Soft Brown Mica	1 40	
Soft Brown & Blue Mica	40 55	X
Hard Brown & Blue Sandstone	55 65	X
Soft Brown Sandstone	65 85	X
Hard, Soft Brown & Black Sandstone	85 103	

GROUTING RECORD
WELL HAS BEEN GROUTED
(Circle-Appropriate Box)
yes Y no N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 27 NO. OF POUNDS 2338
GALLONS OF WATER 162
DEPTH OF GROUT SEAL (to nearest foot)
from 48 TOP 52 ft. to 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL CO
PLASTIC OT
MAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)
S T 60 61 63 64 66 65 70

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

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

C2
1 2
DEPTH (nearest ft.)
EACH SCREEN
1 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 56 60 (NEAREST INCH)

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 10.17.13 "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. 296
Ronald L. Kyker
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK from 103 to 61
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.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
1 2
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 5
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 36
WHEN PUMPING 25
TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

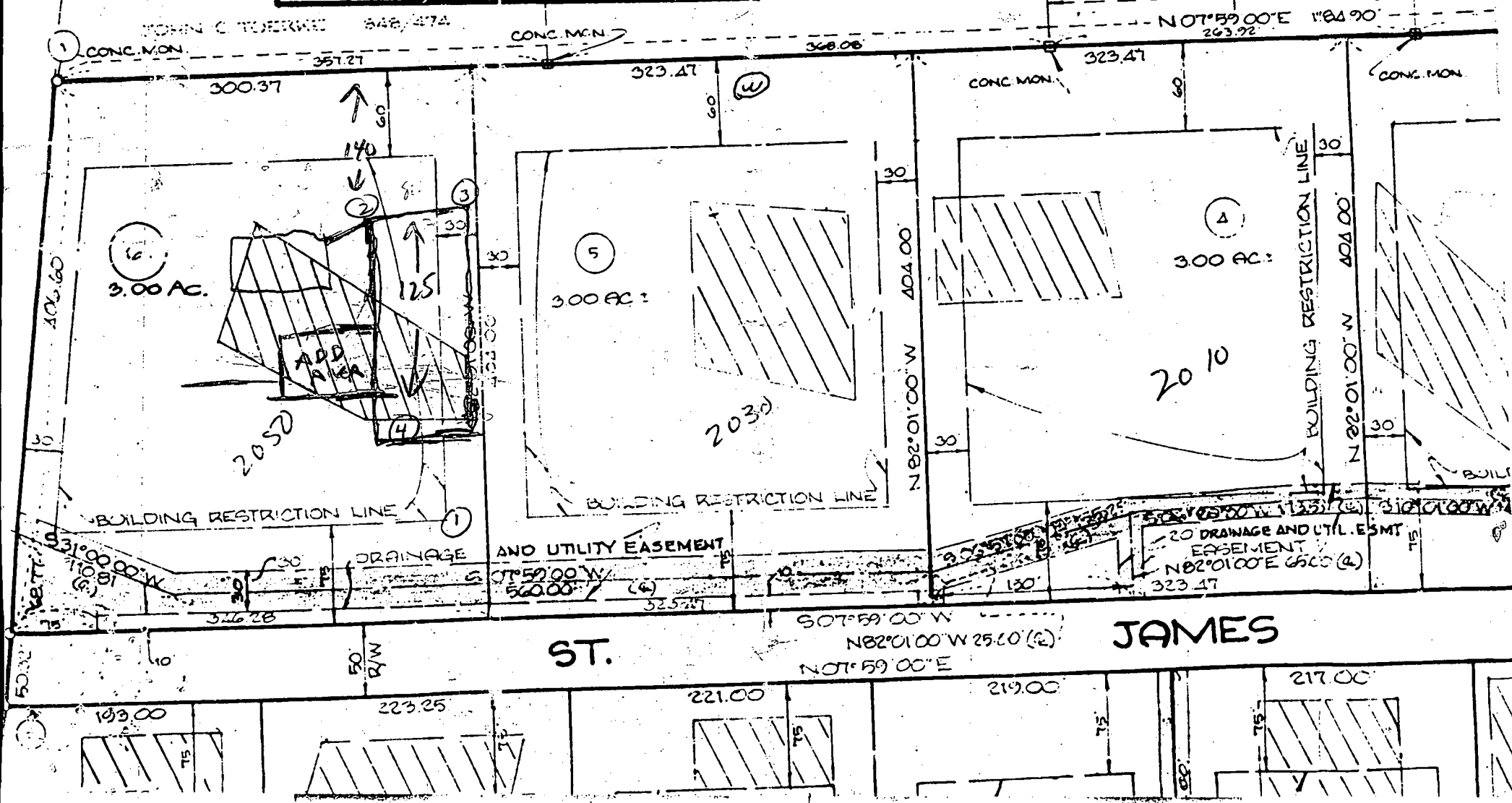
PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
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)
375'
WELL

Slack Estate
14,500

COORDINATES

NO.	NORTH	EAST	NO.	NORTH	EAST
2	538,725.11	815,264.26	11	540,902.65	815,304.25
1	539,044.00	814,645.89	12	540,874.43	815,325.54
3	540,211.60	814,908.79	13	540,867.41	815,375.06
4	538,942.43	815,054.60	14	540,888.73	815,403.29
5	538,929.61	815,103.32	15	540,942.94	814,947.24
6	540,560.05	815,211.35	ALL COORDINATES SHOWN HEREON BASED ON MD STATE GRID SYSTEM & HOWARD CO TRAV. PT. # 3697001 & PT. # 3698001 ROBERT W. KELLEY 5/17/35 GEORGE LAUDER LOT 3B JOHN SLACK LOT 1A DEBRA		
7	540,825.86	815,251.97			
8	540,899.91	815,264.21			
9	541,015.46	814,968.46			
10	540,554.89	815,959.57			



180 SQ FT / BEDROOM

INLET 4' BELOW GIN NOSE } 6' STONE
BOTTOM 10'

LOCATED FIRST TRENCH

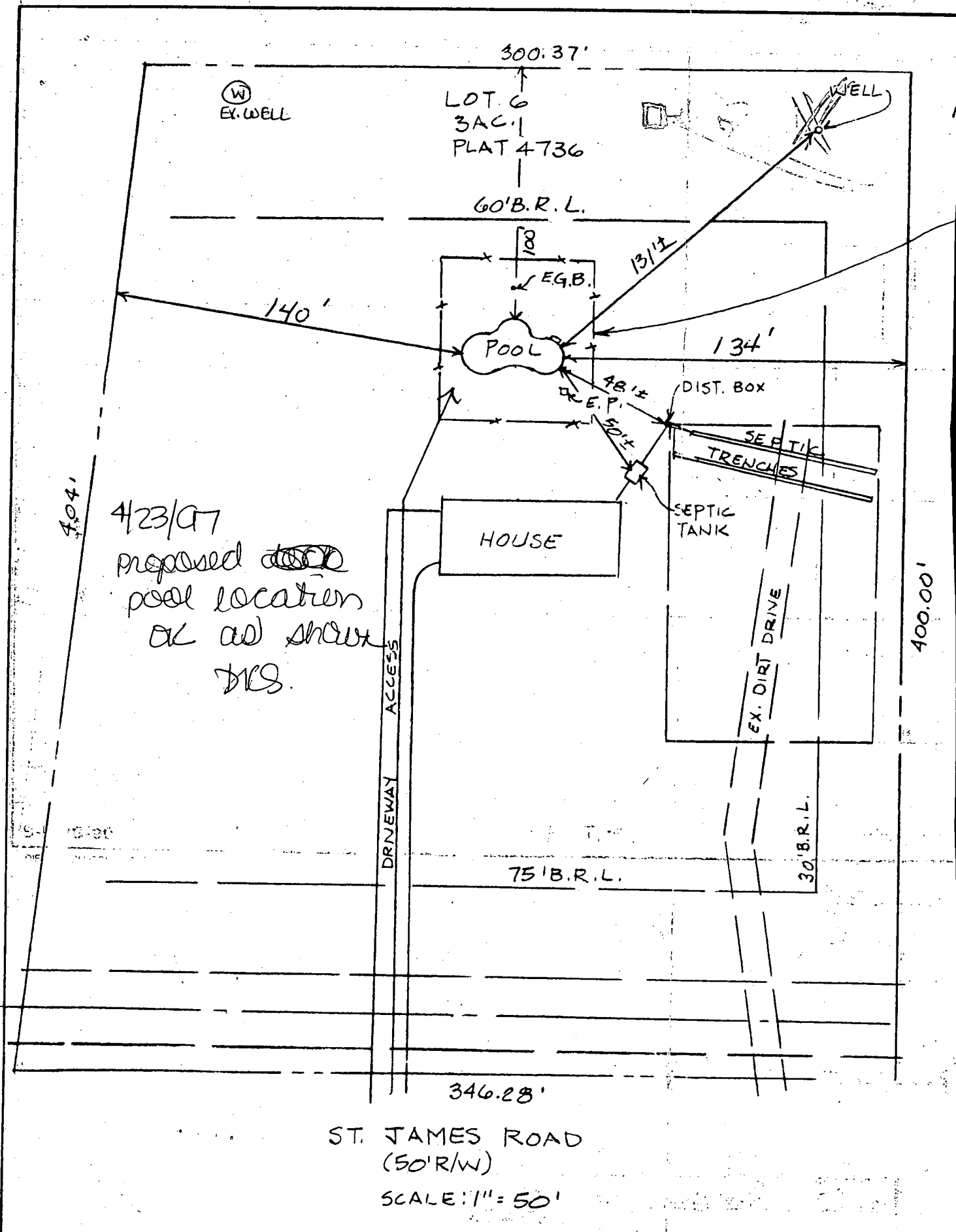
140 FROM REAR + 90 FROM RIGHT

LEAVE SPECS AND

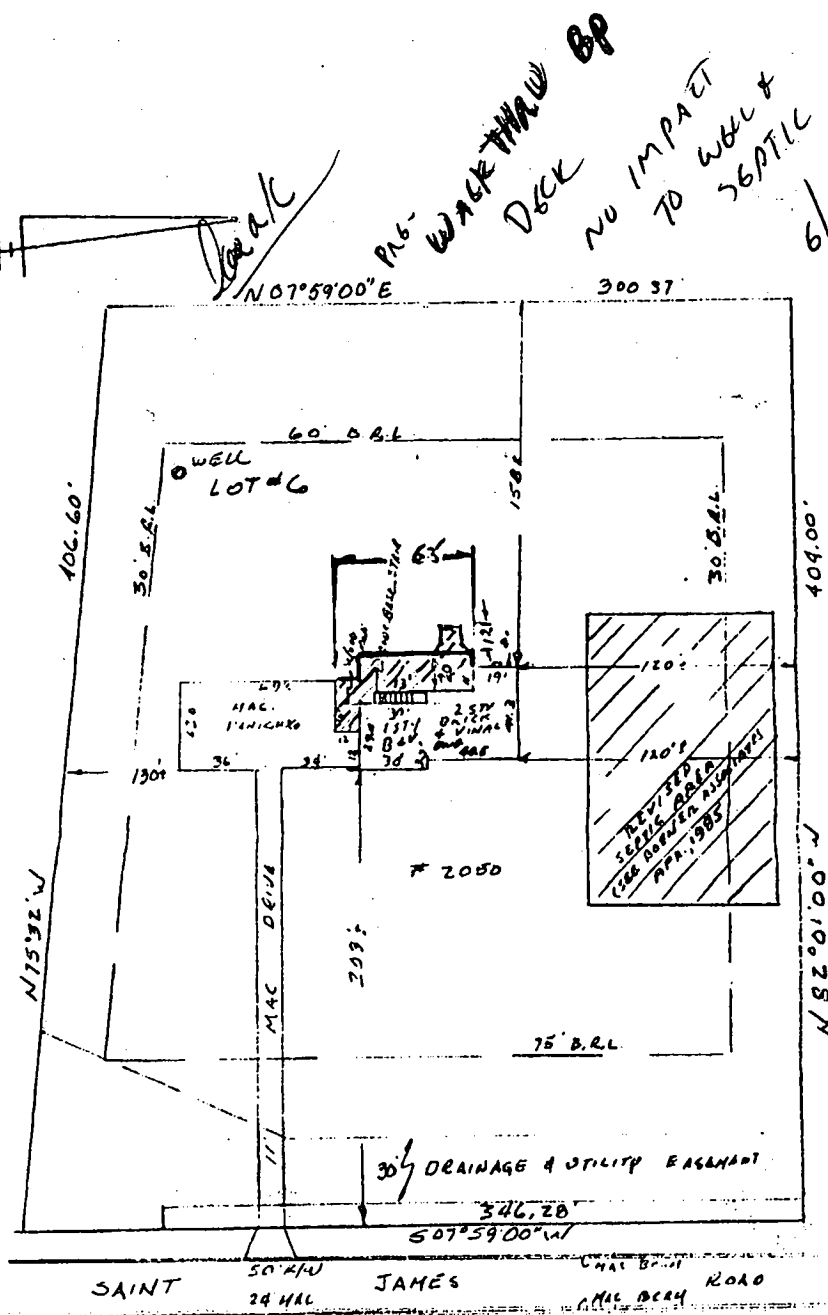
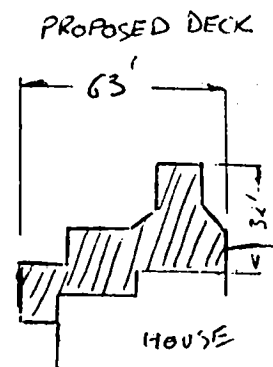
ADJUSTED PLAT

WITH JANE

FOR CARRY STRAW



Plat of Property known as # 2050 Saint James Road, also known as Lot 6 as shown on Final Plat of "SLACK ESTATES" and recorded among the land records of Howard County in Plat C.M.P. No. 4736.



Robert E. McCallum

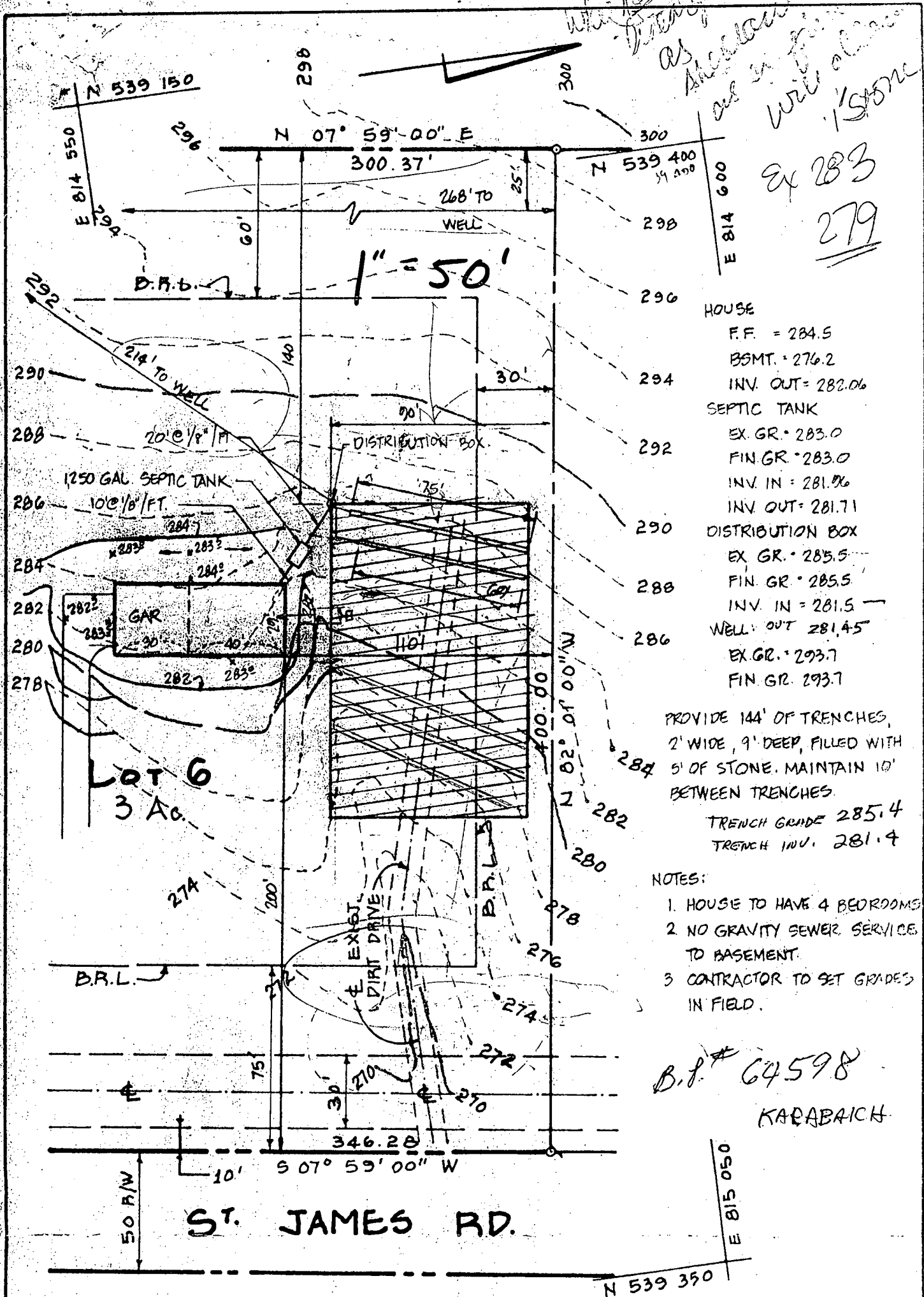
DON LYNCH ASSOC., INC.
4907 HARFORD ROAD
BALTIMORE, MD. 21214

Scale: 1" = 50'

Date: 5/29/96

REVISED 6/6/98

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing;
The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements; and
The 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.



PLAT REFERENCE: "SLACK ESTATES"; PLAT 4736

TITLE: GRADING STUDY				
PROJECT: LOT 6 - SLACK ESTATES				
LOCATION: 3 AD ELECTION DISTRICT T.M. 15 HOWARD CO., MD.				
SCALE: 1" = 50'	DESIGNED BY:	DRAWN BY: O. T.	CHECKED BY:	DATE: APR, 85
FIELD BOOK: # 59	PAGE NO.: 99-101	JOB NO.: B567	DRAWING NO.: 1 OF 1	

boender associates
inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043
(301) 465-7777

FAX: 410-313-2648

DATE: 06/27/97

SUBJECT: SEPTIC SYSTEM REPAIR
AS DISCUSSED IN FIELD:

FOR SLACK ESTATES LOT 6
2050 ST JAMES RD,

7-2-3000

Post-it Fax Note	7671	Date	# of pages 1
To BEET		From	
Co./Dept. THIS OUGHT TO CLGAA		Co.	
Phone # IT UP		Phone # (CW)	
Fax #		Fax #	

SINCE THE RECOMMENDED REPAIR
CANNOT BE COMPLETELY
ACCOMPLISHED BY GRAVITY
AND THERE IS RELUCTANCE TO
CONSIDER A PUMPED SYSTEM
THE FOLLOWING " COMPROMISE " PROPOSAL
WOULD BE ACCEPTABLE.

A PUMPED SYSTEM WOULD INCLUDE
A PUMP TANK OF THE SAME SIZE
AS THE SEPTIC TANK (1250 GAL)
AND A PUMP SUFFICIENT TO LIFT
THE EFFLUENT TO ANY REASONABLE
POINT FURTHER TO THE BACK OF THE LOT.

TOTAL TRENCH LENGTH WOULD BE 240'
3' WIDE WITH 2' STONE , INLET 4' BOTTOM 6'

IF A PARTIAL SYSTEM, BY GRAVITY IS
REQUESTED, THE PUMP PIT WOULD STILL BE
INSTALLED, AND TRENCH LENGTH WOULD
BE AT THE APPLICANTS DISCRETION
2 (a) 60' RECOMMENDED.

*
EVEN IF BY GRAVITY, LOCATION WOULD BE ABOVE
EXISTING SYSTEM 8/7/97 CW

HEALTH DEPT
RECOMMENDATION

MINIMUM
ACCEPTABLE
STANDARD
IF THE
RECOMMENDATION
IS NOT TO BE
FOLLOWED.

(CW)

OWNER REPORTS
DRAINAGE WAY
OPEN UP
(a) BOTTOM HILL,
AREA PROMINENTLY
DRIED OUT.
HEALTH OBSERVED
NO RECURRENCE
OF PROBLEM DURING
SPRING 1998 & 1999

JAGRA'S ATTORNEY,

BOB BROWN PRESENT 6/27/97

FOR THE FIELD REVIEW/DISCUSSION,

FINAL LANGUAGE WORKED OUT

BETWEEN OWNER AND HEALTH DEPT

AFTER BROWN DEPARTED SITE.

DISCHARGE FAN REDUCED FROM PREVIOUS

OBSERVATIONS DUE TO DRY WEATHER, OWNER'S

PLEDGE TO COMPLETE REPAIR "BY" FALL ACCEPTED

OK 11/15 - WITHOUT FURTHER REPAIR. 4/7/99 (CW) 6/27/97 (CW)

TO: FILE

5/19/97
C. Wilber

RECORD OF CONVERSATION WITH
BOB BROWN - ATTORNEY FOR
JAGRAT - 1950 ST JAMES RD.

HE WAS CARRYING A REPAIR BID FROM A SEPTIC CONTRACTOR (FOGLE).
HIS STATED PURPOSE WAS INVESTIGATION ON
BEHALF OF CLIENT AS TO HOW BEST TO FIX
THE PROBLEM, HOW CERTAIN WERE WE THAT
A SEWAGE PROBLEM EXISTED? HOW CERTAIN
WERE WE THAT THE PROPOSED SOLUTION WOULD
CORRECT THE PROBLEM? WHAT ABOUT HIS
LARGER DRAINAGE PROBLEM?

WE DISCUSSED THE ADVANTAGES/DISADVANTAGES
OF TESTING SURFACE WATER FOR FECAL COLIFORM,
AND OF DYE TESTING THE SEPTIC TO CONFIRM
BREAKOUT AT A DILUTED REMOTE LOCATION.

WE DISCUSSED THE THEORY OF SATURATED VS. UNSATURATED
FLOW AS INDICATIVE OF THE LIKELY SUCCESS
OF SHALLOWER TRENCHES.

WE DISCUSSED OPTIONS FOR PUMPING TO HIGHER GROUND,
AND PUMPING FOR IMPROVED DISTRIBUTION IN
SLOWER SOILS (CLAY), IF SHALLOW TRENCHES DIDN'T
CORRECT THE PROBLEM; HOLDING TANK BEING
THE LAST RESORT.

KIM —

I THINK IF WE
ARE PATIENT A FEW
MORE DAYS, HE WILL
GO AHEAD WITH THE
REPAIR.

PLEASE REVIEW THE
ATTACHED & PLACE WITH
THE FILE.

(COMPLETE MY NOTES
ON NAME & ADDRESS)
TAX (CW) 5/19/97

ROBERT C. BROWN
ATTORNEY AT LAW
8357 MAIN STREET
ELLICOTT CITY, MARYLAND 21043
(410) 465-1920

May 19, 1997

Mr. Craig Williams
Project Manager
Bureau of Environmental Health
Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, Maryland 21043-4544

Re: 2050 St. James Road
Slack Estates, Lot 6

Dear Mr. Williams:

This is in part to confirm our conference earlier today regarding the septic system on the above captioned property. Please be advised that my clients Mr. & Mrs. Jagraj Johal will undertake to modify the specific system at 2050 St. James Road in accordance with your proposal, with the understandings contained in this letter.

It is our understanding the specific system modifications you proposed provide for 180 square feet of trench to be 4 foot wide with 1 foot of stone below the existing pipe to be installed as shallow as possible to maintain the current gravity flow - such new field to be over the existing septic field. It is also my understanding that water will continue to flow through and around the existing septic field, and little, if any, short term change will be observed. This causes us concern because it is possible the neighbors will continue to complain about a situation my clients did not cause, have little control over, and would probably exist even if there was no septic system on their property at all. Accordingly, it is my understanding once the modifications above have been made the Howard County Health Department will not launch into another series of expensive modifications directives. It is possible there could be no end in sight on this matter since there is a substantial flow of water from neighboring properties and the water table is so close to the surface.

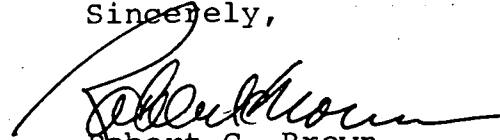
Mr. Craig Williams
Bureau of Environmental Health

May 19, 1997

-2-

Please promptly advise if you concur with the contents of this letter so that the aforesaid modifications can begin. Thank you.

Sincerely,



Robert C. Brown

RCB:pbb

cc: Mr. and Mrs. Jagraj S. Johal



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

May 16, 1997

Jagras and Jasvir Johal
2050 St. James Road
Marriottsville, MD 21104

RE: **NOTICE OF VIOLATION**
2050 St. James Road
Slack Estates, Lot 6

Dear Mr. & Mrs. Johal:

On May 2, 1997, Craig Williams, a sanitarian from this office, conducted an inspection at your property at the above referenced address in response to a report of an overflowing septic system. On that date, Mr. Williams observed a large pond of sewage mixed with groundwater at the front of your property. Previous evaluation has associated this problem with groundwater infiltration into the drainfields.

This condition is in violation of Section 12.110 of the Howard County Code.

As the sewage discharge creates a condition which is, or may be, hazardous to the public health you are hereby ordered to effect repairs within fifteen (15) days of receipt of this letter. Since groundwater infiltration is affecting drainfield operation, replacement of the trenches would be the appropriate step. Receipt of a \$25.00 septic system repair permit fee would be required prior to actual trench replacement. **Until repairs are completed, you must immediately (within 48 hours) provide notification to this office that the septic tank contents have been pumped by a licensed sewage scavenger, and you must also have the septic tank outlet sealed to prevent discharge to the drainfields. Continued pumping as often as necessary to prevent future sewage overflows would also be required.**

If you believe that the condition described above is not and could not be a hazard to health, or that the Health Department is not acting in compliance with pertinent laws and regulations, you may request a formal hearing before the Board of Health within ten (10) days of receipt of this letter. If you wish to discuss the evidence, the regulations, or your individual circumstances, you are encouraged to request a meeting with us by calling 313-2640 and scheduling an appointment.

Items 1 and/or 2 for additional services.
 Write items 3, 4a, and 4b.
 your name and address on the reverse of this form so that we can return this
 to you.
 Attach this form to the front of the mailpiece, or on the back if space does not
 permit.
 Write "Return Receipt Requested" on the mailpiece below the article number.
 The Return Receipt will show to whom the article was delivered and the date
 delivered.

I also wish to receive the
 following services (for an
 extra fee):
 1. ☐ Addressee's Address
 2. ☐ Restricted Delivery
 Consult postmaster for fee.

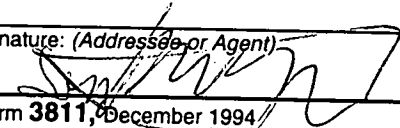
3. Article Addressed to:
 Mr. and Mrs. Jagras Johal
 2050 St. James Road
 Marriottsville, Maryland 21104

4a. Article Number
 Z 191 146 058

4b. Service Type
☐ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
 5/17/97

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
 X 

8. Addressee's Address (Only if requested
 and fee is paid)


PS Form 3811, December 1994

Domestic Return Receipt

Is your RETURN ADDRESS completed on the

Thank you for using Return Receipt Service.

Z 191 146 058

 **Receipt for
 Certified Mail**
 No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

PS Form 3800, March 1993

Sent to Mr. and Mrs. Jagra Johal	
Street and No. 2050 St. James Road	
P.O., State and ZIP Code Marriottsville, Md 21104	
Postage:	\$
Certified Fee:	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date M. Rifkin 05/16/97	

Mr. & Mrs. Johal

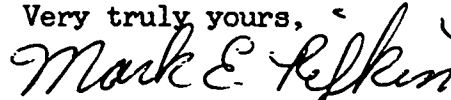
Page Two

May 16, 1997

The investigation of this complaint and the enforcement powers of the Health Department are set forth in Section 12 of the Howard County Code, a copy of which is available for your investigation at this office.

If you have any questions, please contact me at 313-2640.

Very truly yours,



Mark E. Rifkin, R/S.
Water & Sewerage Program

MR

cc: File

FIELD MEETING 6/27/97

JOHAL - OWNER

BROWN - ATTORNEY

SOE - HEALTH DEPT

WILLIAMS - HEALTH DEPT

PROBLEM (DISCHARGE) DIMINISHED BY
DAY WEATHER

SITE INSPECTION SHEET

OWNER: Jagray

DATE REQUESTED: _____

ADDRESS: 2050 St. James Rd.
Marriottsville, MD

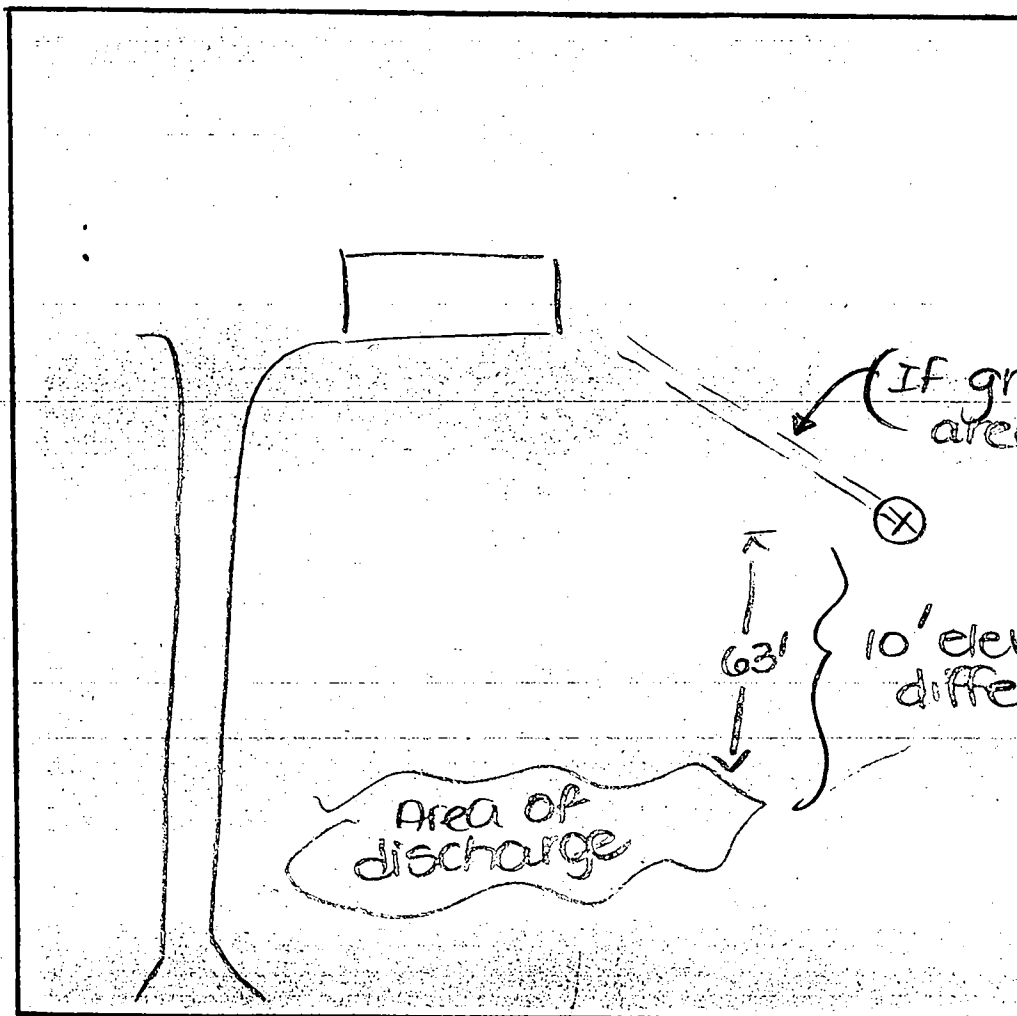
DRILLER: _____

WELL TAG # _____

COUNTY # _____

PROPOSAL: _____

LOCATION DIAGRAM



COMMENTS: St. James Rd.

DATE: _____

INSPECTOR: _____

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION 2034? St. James Rd ZIP _____OWNER ☐ OCCUPANT ☐ ADDRESS _____ PHONE _____COMPLAINANT Jennifer Wagner ADDRESS 2030 St. James Rd PHONE 442-1452REASON FOR INVESTIGATION repeated complaint re: sewage (?) puddle
@ bottom of hill; strong odors have been present
for about one week; would like to be kept informed CODES _____RECEIVED BY M. Ritkin DATE 5/1/97 ASSIGNED TO [Signature] DATE _____DATE OF INVESTIGATION 5/2/97 TIME 4:00 WEATHER sunny, ~65°REPORT From my vehicle, I took 2 Polaroid shots of
low lying area. I was unable to detect any odor.
I made no contact w/ homeowner, as instructed.
Area observed in Polaroid photos - large area of
thick, black liquid just above and into drainage
way along road.

DATE SUBMITTED _____ SANITARIAN _____



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

October 11, 1996

Mr. Jagraj
2050 St. James Road
Marriottsville, Maryland 21104

RE: Septic System
Slack Estates - Lot 6
2050 St. James Road

Dear Mr. Jagraj:

On October 11, 1996, a visual percolation hole was dug by Fogle's Septic Clean, Inc and evaluated. My evaluation was conducted in order to determine the condition of the existing septic system and to determine the level at which groundwater is present in the vicinity of the system. The presence of large amounts of water at the lower part of the lot, including water believed to be sewage from the existing septic system, prompted the theory that groundwater is presently saturating the existing system.

Upon evaluation of the visual percolation hole, groundwater was found at a depth to indicate that the bottom of the existing septic system is presently being inundated by groundwater.

To correct the existing condition of the septic system, it is suggested that the existing trenches be replaced with shallower trenches immediately upslope the existing system. While it is reasonable that the existing system might operate successfully in drier times, problems since May, 1993 with ponding water at the same general area of the lot as presently is occurring, indicate a recurring dilemma with groundwater levels. Eventually, an unused system can be returned to useful service, but that would only seem practical in this case if the overall site drainage problems are permanently corrected.

When a decision is made regarding the remedy to the problem, please either notify me personally or request the contractor to perform the work call this office at (410) 313-2640 to discuss the situation. Thank you in advance for your cooperation in this matter.

Sincerely,

Denna K. Soe, R.S.
Water and Sewerage Program

DKS

cc: Fogle's Septic Clean, Inc.
file

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION 2050[®] St. James Rd. ZIP 963-7235(W)OWNER ☒ Mr. ~~Jagraj~~ Jagraj ADDRESS 2050 St. James Rd. PHONE 489-3607(H)OCCUPANT ☐ COMPLAINANT William Koffel ADDRESS 2035 St. James Rd. PHONE 489-4546REASON FOR INVESTIGATION reported 20' x 30' area of sewage in front yard at 2050; overflow ongoing past 1-2 monthsRECEIVED BY Donna K. Goe DATE 10/4/96 ASSIGNED TO DKS/cw DATE 10/4/96DATE OF INVESTIGATION 10/4/96 TIME 5:00 pm WEATHER sunny 76°

REPORT Met w/ Ms. Jagraj after initial investigation of overflow in yard. [Ms. Jagraj reported problem had been going on for the past 1-2 months. Jagraj family moved into house June 1996 - 4 adults, 2 children.] With owner's help, septic tank c/o was found. Area of overflow at lowest part of front yard, running along/into drainage ditch near road. Due to location of overflow, cw/DKS found it possible that spring may be part of problem. Told owner that we would search our records and be in touch. Also mentioned possibility of us providing dye to be put in septic tank. (Owner indicated they thought problem may be coming from next door).

DATE SUBMITTED _____ SANITARIAN _____

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH
RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION 2050 St. James Rd. ZIP 963-7235(W) ^{husband}OWNER ☒ Mr. Jagraj ADDRESS 2050 St. James Rd. PHONE 489-3607(H)OCCUPANT ☐ William Koffel ADDRESS 2035 St. James Rd. PHONE 489-4546REASON FOR INVESTIGATION reported 20' x 30' area of sewage in front yard at 2050; overflow ongoing past 1-2 months

CODES _____

RECEIVED BY Donna K. S. DATE 10/4/96 ASSIGNED TO DKS/cw DATE 10/4/96DATE OF INVESTIGATION 10/4/96 TIME 5:00pm WEATHER sunny ~60°

REPORT Met w/ Ms. Jagraj after initial investigation of overflow in yard. [Ms. Jagraj reported problem had been going on for the past 1-2 months. Jagraj family moved into house June 1996 - 4 adults, 2 children.]
With owner's help, septic tank c/o was found.
Area of overflow at lowest part of front yard, running along/into drainage ditch near road.
Due to location of overflow, cw/DKS found it possible that spring may be part of problem.
Told owner that we would search our records and be in touch. Also mentioned possibility of us providing dye to be put in septic tank. (Owner indicated they thought problem may be coming from next door).

DATE SUBMITTED _____ SANITARIAN _____

REGION 2

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION Slack Estates Lot-6.
2050 St. James Road Marriottsville, MD ZIP 21104
OWNER ☒ Thomas / Pat Karabach ADDRESS same W: 715-7108 Pat
OCCUPANT ☐ Thomas / Pat Karabach ADDRESS Slack Estates Lot-5 W: 410-740-3601
COMPLAINANT Charles Pomarzynski ADDRESS 2030 St. James Road PHONE
REASON FOR INVESTIGATION Complaint of soggy wet ground following
drainage ditch from Lot-6 onto Lot-5. Pomarzynski
said there was a bad odor to the standing water. CODES
RECEIVED BY J.E. Nadeau DATE 5-24-93 ASSIGNED TO JEN DATE 5-24-93

DATE OF INVESTIGATION 5-24-93 TIME 3:30 pm WEATHER 80°F, 10+MPH wind, sunnyREPORT As you enter driveway to 2030 St. James Rd.
Look left along culvert to neighbor's property. Wet
area is mostly on 2050 St. James Road. JEN

5-24-93 Site visit revealed a very wet, soggy, large
area at center of gentle swale about 120 ft downslope
of septic trenches. May be related to ancient "dirt"
(graveled?) driveway during construction in similar
location. Old perc hole about 75 feet off front lot
line indicated ground water at 6 feet in April of
1985. With extremely high water tables this spring
it is very believable that wet ground is from
heavy rains this year. Called Mr. Pomarzynski re:
issue. JENadeau

DATE SUBMITTED _____ SANITARIAN _____

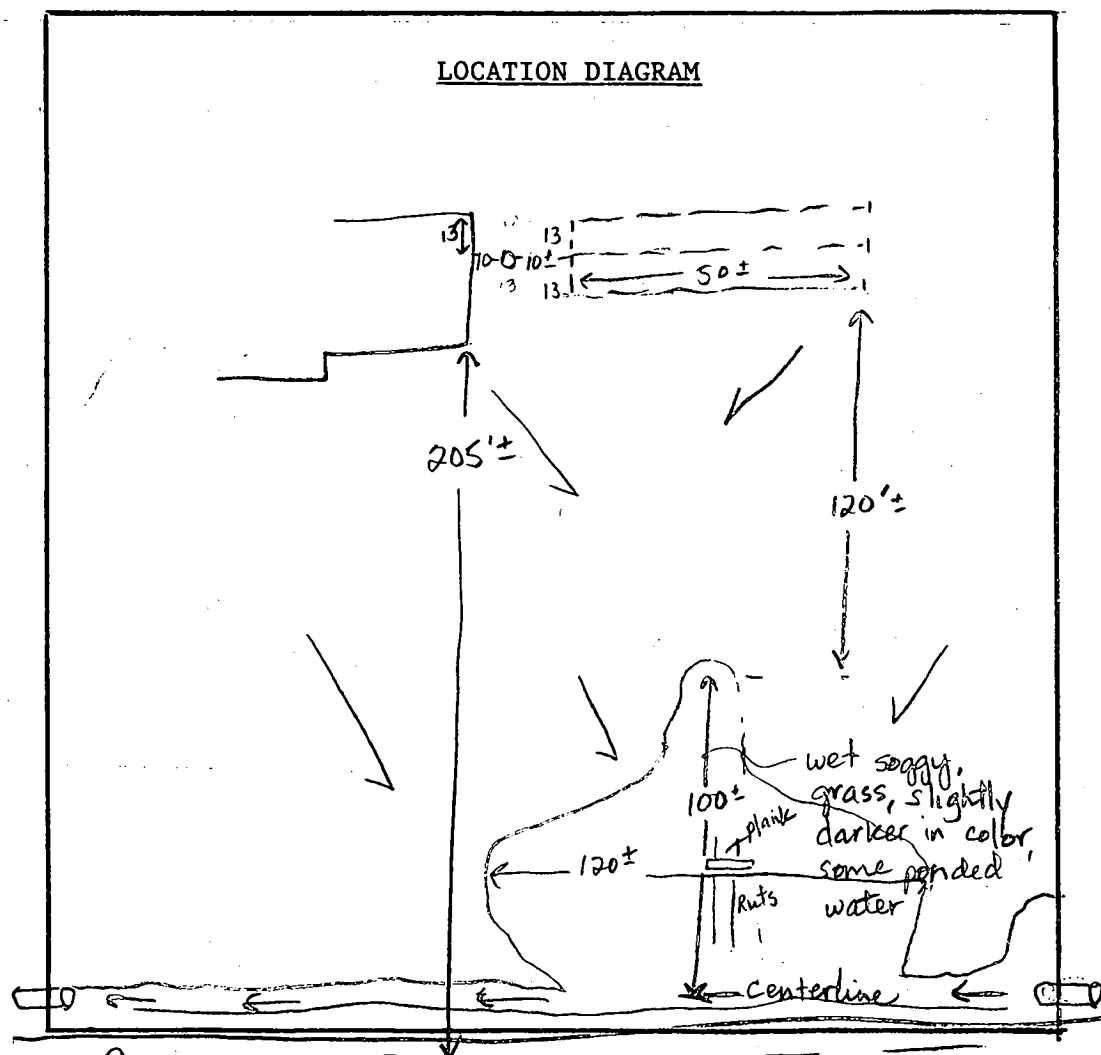
DATE REQUESTED: 5-24-93

CONTRACTOR: _____

WELL TAG #: _____

COUNTY #: _____

PROPOSAL: 10¹ MPH winds, 80°F, Sunny, 3:30 pm. Standing
water was clear to muddy, metallic sheen in places, some green
algae in places of deep ruts, slight sulfur (swampy) odor. Appears



COMMENTS: - Ch St James Road
to be in location of old gravel (stone?) driveway and center of
very gentle swale. Spoke w/ Jeff Karabach (son). 4 live in
home, never pumped septic tank since installation. Advised him on
DATE: 5 year maintenance of septic tank. INSPECTOR: Jane E. Maden
5-24-93