11/12/99
C.O. P.M.

11-15-99 WPI am
Septic co pm
11/16/99 ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513107
A 50560-Q
DISTRICT
DATE 11/5/99
DATE SYSTEM APPROVED 11/16/99
INSPECTOR

03-325210
INDEXED

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

J. Joseph Gartland, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 1835 West Old Liberty Road, Westminster, MD 21157 PHONE 410-875-2400

SUBDIVISION Lyndonbrook LOT 17 ROAD 2083 St. James Road

PROPERTY OWNER Dorsey Family Homes

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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 feet of stone below distribution pipe.

LOCATION - Begin trenches 190 feet off the front lot line and 60 feet off that same lot line as seen when facing the lot from St. James Court. Run trenches on contour in both directions.

NOTES - **MAINTAIN 1-2% FALL IN THE HOUSE SEWER CONNECTION 10 FEET PRIOR TO THE SEPTIC TANK.** No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/HR

PLANS APROVED BY Amy McMillen DATE 10-05-1999

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)

BLDG. PERMIT SIGNED AND RETURNED 10/18/2001
B001132877
DECK & GAZEBO

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

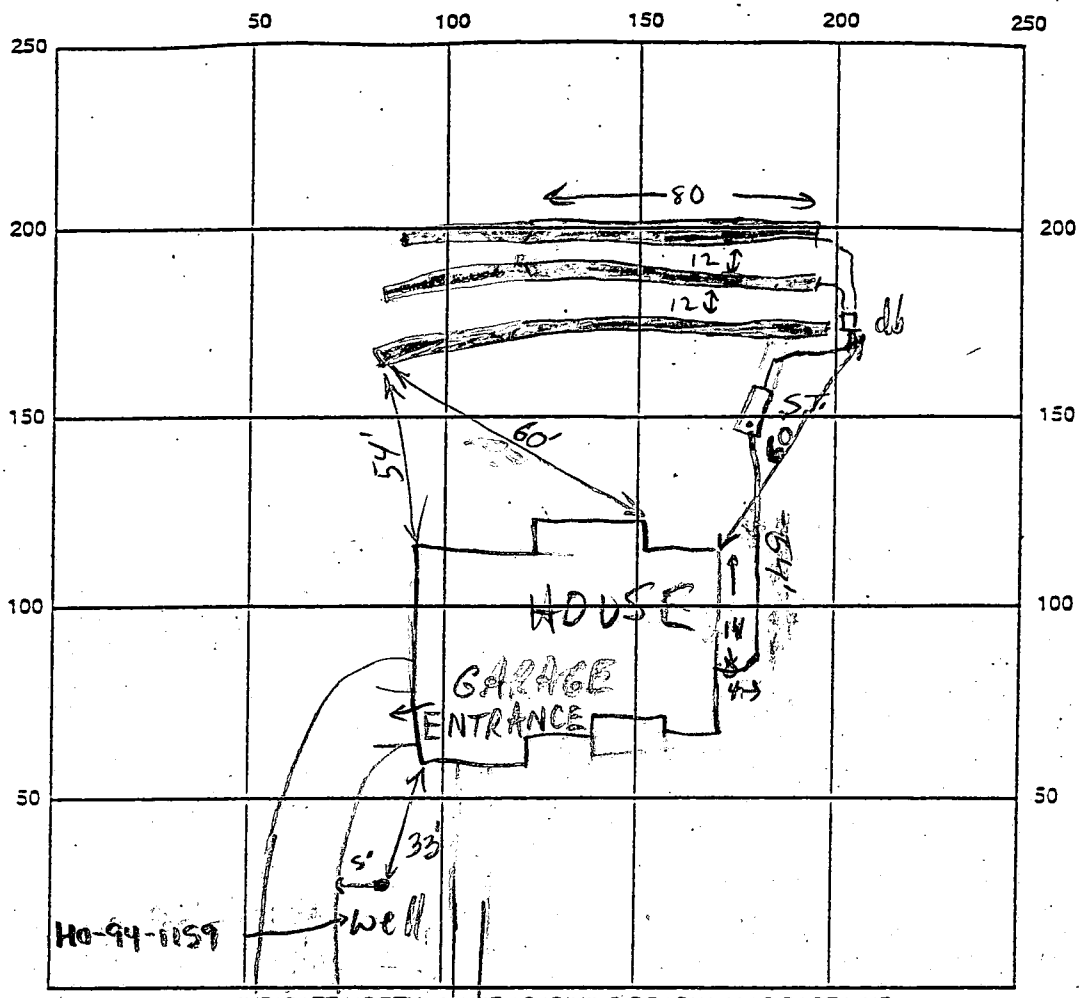
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(6-90)

*CALL 461-9533 FOR INSPECTION OF SEPTIC SYSTEM.

A 50560-Q

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

well line OK 3' B.G. 11/15/99 CW

SEPTIC TANK LEVEL 1250 GAL ✓ CLEANOUTS ST ✓ & HSE ✓

DISTRIBUTION BOX LEVEL ✓

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 @ 80 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

Drywell
~~DRYWALL~~ INSIDE DIAMETER NA FT. EFFECTIVE DEPTH BELOW INLET NA FT.

ABSORBENT AREA NA SQ. FT.

REMARKS: 11/10/99 Pre Construction 1050 - OK to install & 11/12/99 S.T. INSTALLED, NO OTHER WORK (MR)

11/15 TRENCHES COMPLETE - HOUSE SEWER IN PROGRESS. (CW)

House Connection OK - Cost Trends Finished, OK to cover all work RJP 11/16/99

DATE SYSTEM APPROVED 11/16/99 INSPECTOR RJ Winkley

BENCHMARK ENGINEERING, INC.

ENGINEERS • LAND SURVEYORS • PLANNERS

Approved Septic System Plan
Howard County Health Department

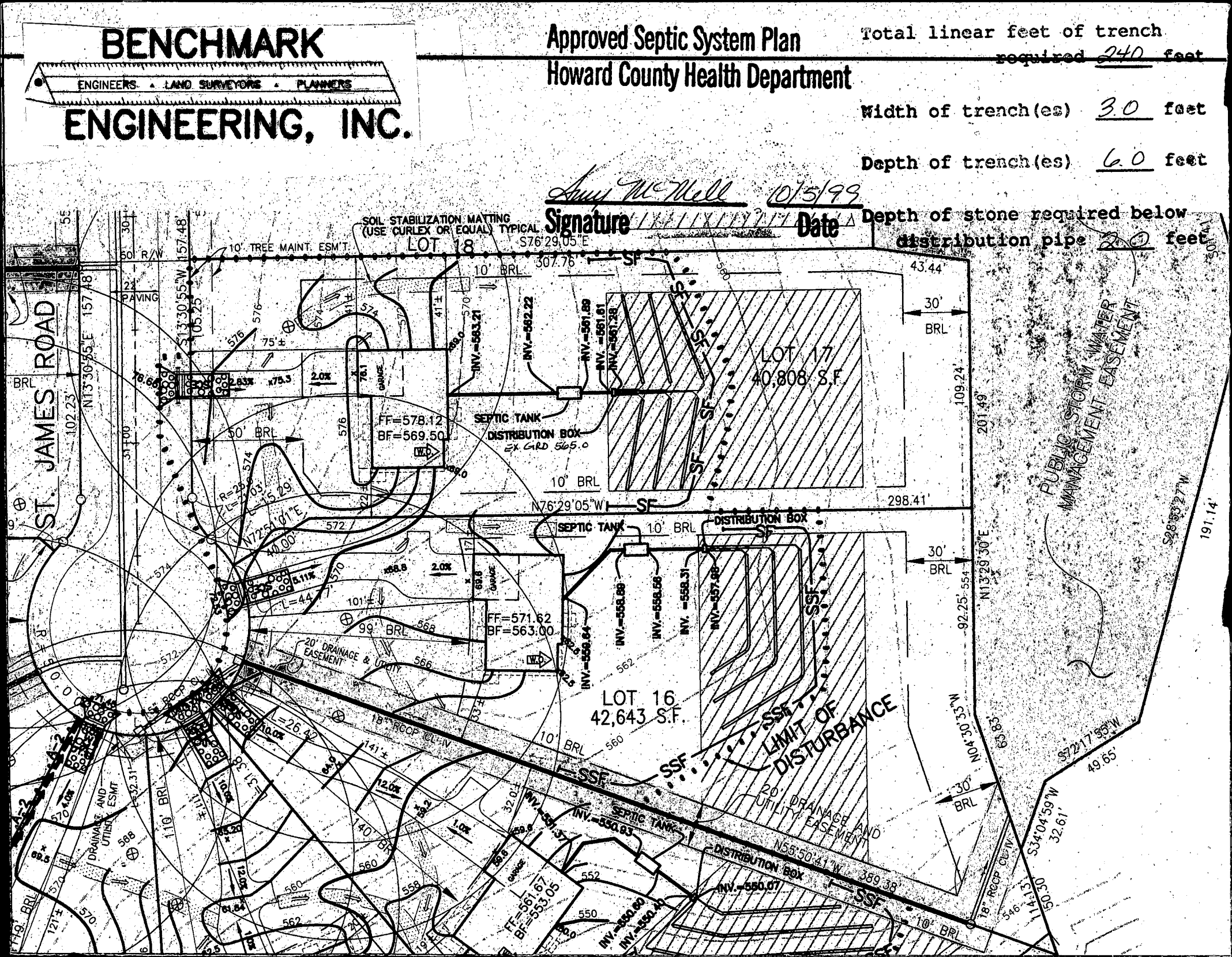
Total linear feet of trench required 240 feet

Width of trench(es) 30 feet

Depth of trench(es) 6.0 feet

James McNeill 10/5/99
Signature Date

Depth of stone required below distribution pipe 2.0 feet



APPLICATION

PERCOLATION TESTING

A 505760 Q

P _____

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

DISTRICT _____

DATE 3/3/95

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 Annelore Stiegler

ADDRESS 2151 Route 32 Sykesville, Maryland 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.

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

PROPERTY LOCATION:

SUBDIVISION Stiegler Property LOT NO. 1B

ROAD AND DESCRIPTION 2100 block Maryland Route 32; northeast quadrant I-70 and Maryland Route 32

B00120509
SFD-4BRS 10/5/99

TAX MAP 15 PARCEL # 40

SIZE OF LOT 60,000 SF 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. _____ VP
(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)

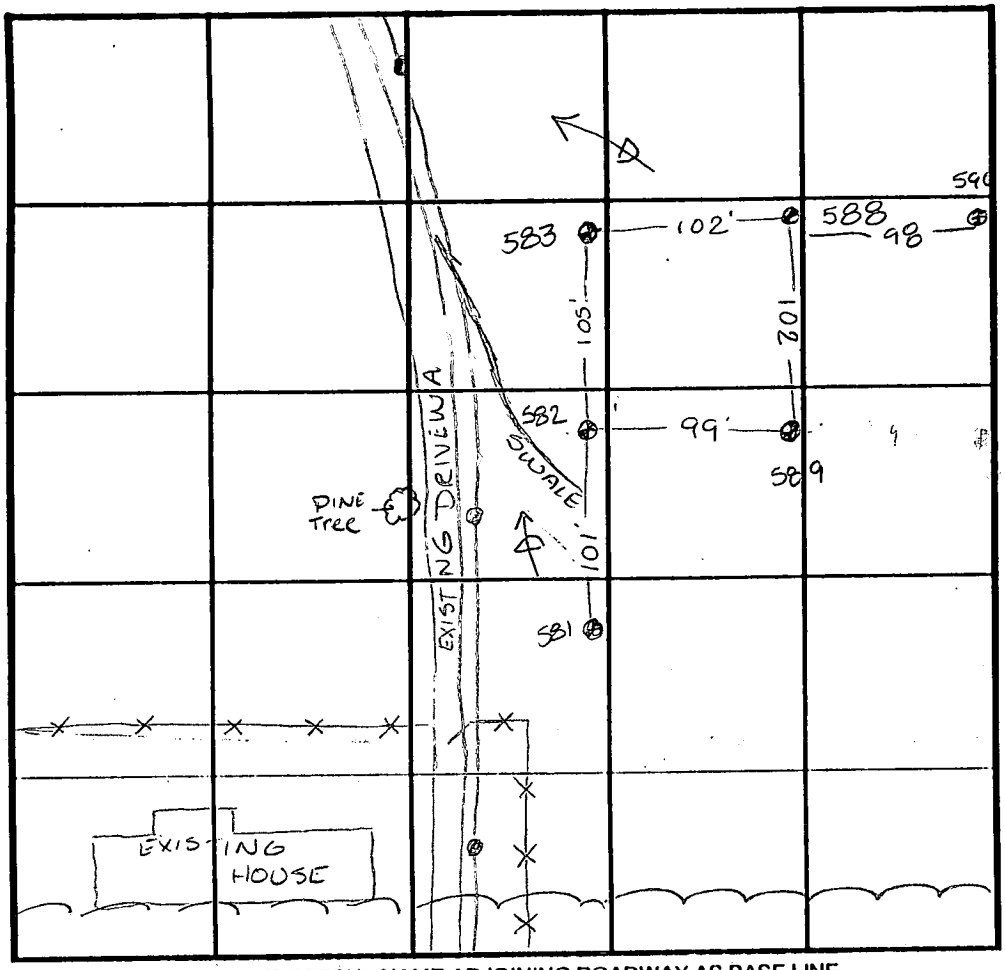
LOT 17

50560-Q
COUNTY #

SOIL PROFILE
0' 581 582
reddish brn CSL
3' light grayish S mica pockets of 10-15% decayed shale
11.5

583
reddish brown CL gravelly
4' lgt tan SiL very micaceous 5% decayed mica shale
12'

588
orange red brn CSL gravelly mica
4' lgt tan SSiL micaceous 15-20% very decayed saprolite
11'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
0' 590
bright orange red C
4' medium brown SiSL very micaceous 10% decayed shale
12.5'

589
bright red CSL
4' pink SiSL 15-20% decayed shale & rock mix
12'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-20-95	581	5.5' / V11.5	10:12	10:12:45	10:12:45	10:13:15	30sec
	581	repour	10:13:30	10:14:30	10:14:30	10:16:15	1 3/4min
	582	4.5 / V12'	10:17:45	10:19:15	10:19:15	10:21:15	2min
	583	5' / V12'	10:23	10:26:15	10:26:15	10:31:30	5 1/4min
	588	5' / V11'	10:42:45	10:43:45	10:43:45	10:45:30	1 3/4min
	590	4.5 / V12.5	10:37:30	10:38:15	10:38:15	10:40:30	2 1/4min
	589	5' / V12'	10:43	10:44:15	10:44:15	10:46:15	2min

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Alan & Larry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2min TRENCH WIDTH 2'

INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 8' SQ. FT/BEDROOM 180ft²

APPLICATION

PERCOLATION TESTING

A 505760 Q

P _____

DISTRICT _____

DATE 3/3/95

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 Annelore Stiegler

ADDRESS 2151 Route 32 Sykesville, Maryland 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.

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

PROPERTY LOCATION:

SUBDIVISION Stiegler Property LOT NO. 18

ROAD AND DESCRIPTION 2100 block Maryland Route 32; northeast quadrant I-70 and Maryland Route 32

TAX MAP 15 PARCEL # 40

SIZE OF LOT 60,000 SF 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. _____ VP
(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

582 584

orange brn CL

lgt tan to grey SiCl very micaceous 10% decayed shale

587 591

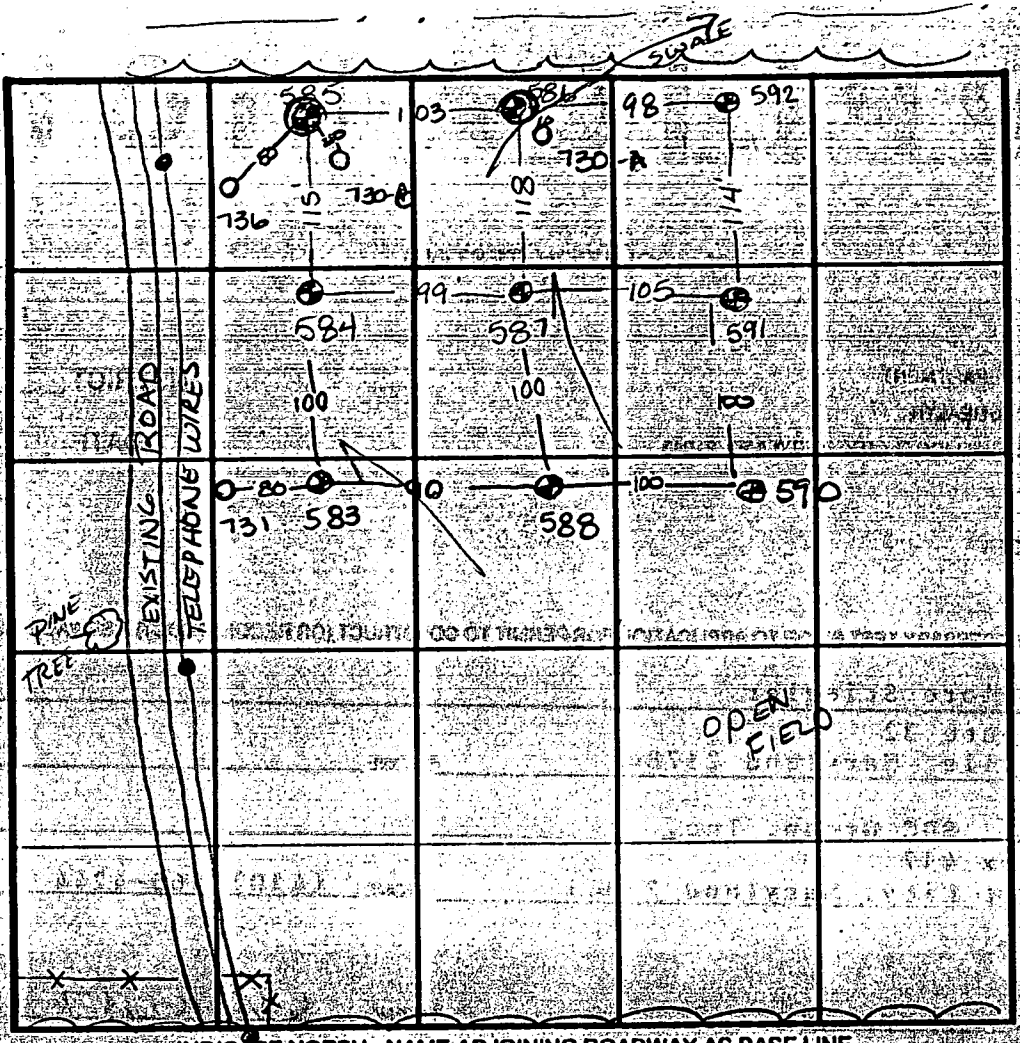
orange brn CL

lgt orange tan SiC very micaceous few <1% large rocks 0"-1" dia OR WATER HOLD

585/586

clay

water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

583

0'

reddish brn clm gravelly

4'

lgt tan sClm very micaceous 5% decayed mica shale

12'

588

orange red brn ClSalm gravelly mica

4'

lgt tan SaSiLm micaceous 15-20% very decayed saprolite

11'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-20-95	584	4.5 V12	10:49:15	10:50	10:50	10:51	1 min
	584	repour	10:52:30	10:54	10:54	10:56	2 min
	585	Water coming in @ 6.5					F
	586	Water @ 8' > 50% rock above					F
→	587	4.5 V12'	10:59:30	11:00:30	11:00	11:03	2½ min
	592	4.5 V12.5	1:52	1:54	1:54	1:56	2 min
	591	4.5' V11	2:00	2:01:15	2:01:15	2:03	1¾ min
	583	5' V12	10:23	10:26:15	10:26:15	10:31:30	5¼ min
→	588	5' V11	10:42:45	10:43:45	10:43:45	10:45:30	1¾ min
2-21-96	736	Water at 5.5					F

REMARKS

TYPE OF SOIL

TESTED BY Amy M. Miller ALSO PRESENT Lacey

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 50560 Q

P _____

DISTRICT _____

DATE 3/3/95

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 ~~Annelore Stiegler~~ DORSEY FAMILY HOMES
ADDRESS 2151 Route 32 Sykesville, Maryland 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417 Ellicott City, Maryland 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Stiegler Property LOT NO. 18

ROAD AND DESCRIPTION 2100 block Maryland Route 32; northeast quadrant I-70 and Maryland Route 32 (2083 St. James Road)

BLDG. PERMIT SI[illegible]
RETURNED 10-5-99
Serial # B001205 09

TAX MAP 15 PARCEL # 40

SIZE OF LOT 60,000 SF TYPE BLDG. Single Family - 4 Bed
(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. _____ VP
(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)

CITY #

PROFILE
731
orange brown to red silty
3.0
brn orange silty micaceous shale frags
12.0

730-B
dark brown silty
3.5
micaceous dark grey brown silty
9½'

730-A
dark red silty
4.5
lgt tan beigh silty micaceous 60% micaceous shale
12.0

see attached diagram

SOIL PROFILE
590
0'
bright orange red clay
4.0
medium brown silty very micaceous 100% decayed shale
12.5

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
2-21-96	731	Visual	to 12.0 - see profile -				OK
	730-A	Visual	to 12.0 -				
	730-B	Visual	to 9½ - water at 9.0				F
3-20-95	590	4.5 / V12.5	10:37 30	10:38 15	10:38 15	10:40 30	2¼min

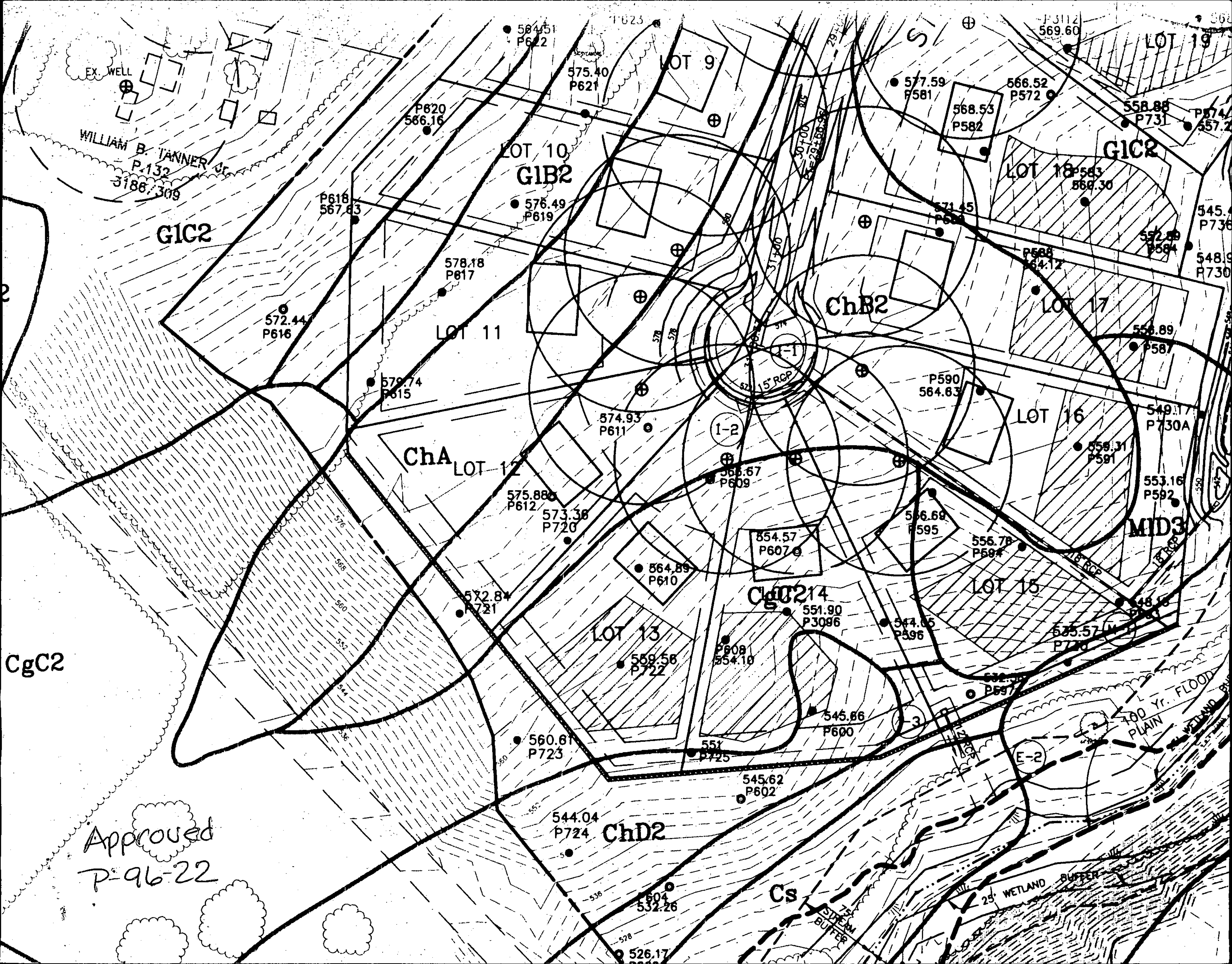
REMARKS

TYPE OF SOIL

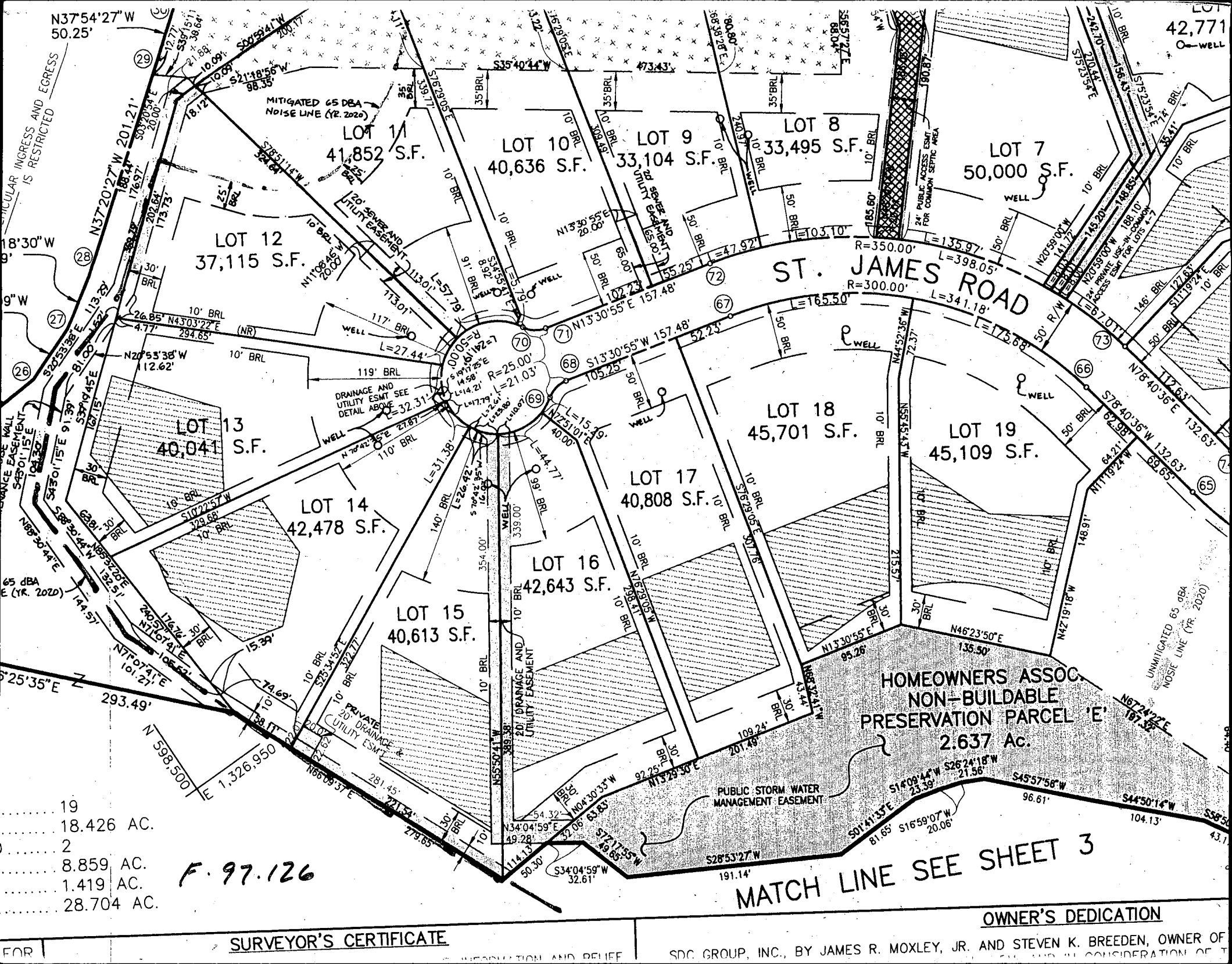
TESTED BY ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM



EX. WELL
WILLIAM B. TANNER Jr.
P.132
3186/309
G1C2
G1B2
LOT 9
LOT 10
LOT 11
LOT 12
LOT 13
LOT 14
LOT 15
LOT 16
LOT 17
LOT 18
LOT 19
ChA
ChB2
CgC2
ChD2
MID3
Cs
15" RCP
18" RCP
100 Yr. FLOOD PLAIN
25' WETLAND BUFFER
75' STREAM BUFFER
575.40 P621
P620 566.16
P618 567.63
576.49 P619
578.18 P617
572.44 P616
579.74 P615
574.93 P611
575.86 P612
573.36 P720
572.84 P721
564.89 P610
560.61 P723
544.04 P724
545.62 P602
P604 532.26
526.17
577.59 P581
566.52 P572
568.53 P582
569.60
558.88 P731
P583 560.30
P590 564.63
556.89 P587
549.17 P730A
553.16 P592
556.69 P595
556.78 P594
854.57 P607
551.90 P3096
544.65 P596
P608 554.10
559.56 P722
545.66 P600
535.57 P730
I-1
I-2
E-2
Approved
P-96-22


ST. JAMES ROAD
LOT 1
41,852 S.F.
LOT 10
40,636 S.F.
LOT 9
33,104 S.F.
LOT 8
33,495 S.F.
LOT 7
50,000 S.F.
LOT 12
37,115 S.F.
LOT 13
40,041 S.F.
LOT 14
42,478 S.F.
LOT 15
40,613 S.F.
LOT 16
42,643 S.F.
LOT 17
40,808 S.F.
LOT 18
45,701 S.F.
LOT 19
45,109 S.F.
42,771
HOMEOWNERS ASSOC.
NON-BUILDABLE
PRESERVATION PARCEL 'E'
2.637 Ac.
MITIGATED 65 DBA NOISE LINE (YR. 2020)
UNMITIGATED 65 dBA NOISE LINE (YR. 2020)
20' SEWER AND UTILITY EASEMENT
20' DRAINAGE AND UTILITY EASEMENT
PRIVATE 20' DRAINAGE & UTILITY ESM'T.
PUBLIC STORM WATER MANAGEMENT EASEMENT
24' PUBLIC ACCESS ESMT FOR COMMON SEPTIC AREA
24' PRIVATE USE-IN-COMMON ACCESS ESMT FOR LOTS 4-7
50' R/W
MATCH LINE SEE SHEET 3
F. 97.126
N 598,500
E 1,326,950
..... 19
..... 18.426 AC.
..... 2
..... 8.859 AC.
..... 1.419 AC.
..... 28.704 AC.
SURVEYOR'S CERTIFICATE
OWNER'S DEDICATION
SDC GROUP, INC., BY JAMES R. MOXLEY, JR. AND STEVEN K. BREEDEN, OWNER OF

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ✓
Replacement ____

Receipt # ____
Date ____

Name of Installer J Joseph Bartland Inc Telephone 410-875-2400

License Number L713
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner Dorsey Family Homes Telephone 410-465-7200
Subdivision Lynden Knoll Lot # 17 Well Tag # MO-94-1159
Site Address 2082 T Jones Rd

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make Goulds
3. Model # 75B07422
4. Capacity 7 GPM
5. Pump exceeds well capacity Yes ____ No ✓
6. If Yes, is low pressure cutoff switch installed? Yes ____ No ____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ____ Cable guards ____ Other ✓

Motor
1. Horsepower 3/4
2. RPM 3600
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make Harvard
2. Model # ____
3. Depth 48"

Tank
1. Capacity 42
2. Pressure relief valve? yes

Piping
1. Type plastic
2. Size 1"
3. NSF and/or BOCA Code approved ____
4. Depth of supply line 45'

Well data
1. Depth ____ ft.
2. Yield ____ GPM
3. Static water level ____ ft.
4. Will water supply be disinfected by Installer? ____

WELL LINE OK
P.A. 3' BELOW GRADE
2-PIECE CAP 11/15/99 CW

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [signature]

Date: 11-9-99

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

CO-215

C 1 | 6054 | 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: A50560-Q

ST/CO USE ONLY
DATE Received MM DD YY

DATE WELL COMPLETED: MM 6 DD 4 YY 92

Depth of Well: 325' (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-94-1159

OWNER: SFC (last name) first name

STREET OR RFD: St. James Rd. TOWN: W. Friendship

SUBDIVISION: Stiegler Property SECTION: LOT: 17

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	56	
Gray Mica Rock	56	325	✓

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.

DRILLERS LIC. NO.: MSD0244

Joseph L. Mayne
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.: MSD0271

Sonny Mayne
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 19 NO. OF POUNDS 1786

GALLONS OF WATER 114

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. (TOP) to 56 ft. (BOTTOM) (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	60

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	58	325'
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.): 12

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING: 67 ft.

WHEN PUMPING: 76 ft.

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 (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.)

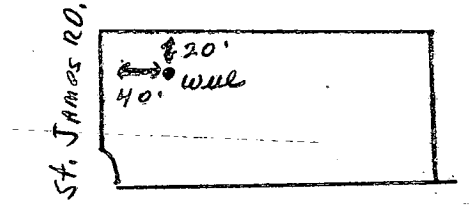
CASING HEIGHT (circle appropriate box and enter casing height)

(+) above LAND SURFACE

(–) below

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

EMERGENCY/TEMP NO. IF ANY

B 1 | 9405 | SEQUENCE NO. (MDE USE ONLY)
1 2 3 6
(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-94-1159
70 79
fill in this form completely

Date Received (APA)
4/22/97
8 MM DD YY 13

OWNER INFORMATION

SDC
15 Last Name Owner First Name 34

P.O. Box 417
36 Street or RFD 55

Ellicott City MD 21041
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

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

Joseph L. Mayne Well Drilling
Firm Name

5512 Ridge Rd. Mt. Airy Md. 21771
Address

Joseph L. Mayne 4/21/97
Signature Date

B 2 **WELL INFORMATION**
1 2

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR 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
39 [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) 41 52

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

APPROP. PERMIT NUMBER GAP
54 63

FORCE KM WRITE INITIALS IN BOX 67 68
PERMIT No. HO-94-1159
70 71 72 73 74 75 76 77 78 79

B 3 **LOCATION OF WELL**

HOWARD
8 COUNTY 21

Stiegler Property
23 SUBDIVISION 42

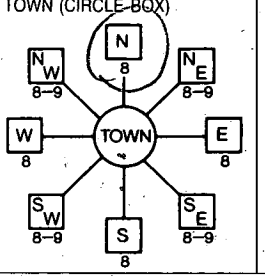
SECTION 44 46 LOT 17 48 50

West Friendship
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 M I
73 76 77 78

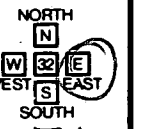
B 4
1 2

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



St. James RD.
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 40 37
DISTANCE FROM ROAD Ft
ENTER FT OR MI 38 39

TAX MAP: ____ BLK: ____ PARCEL ____

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard H50560-Q
COUNTY NAME COUNTY NO.

STATE SIGNATURE ____ INSERT S → 41

DATE ISSUED 5/20/97 Kim Maisto 5/20/98
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 538 000
50 55

EAST GRID 814 000
57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X →

SOURCES OF DRILLING WATER
1. Well
2.
3.

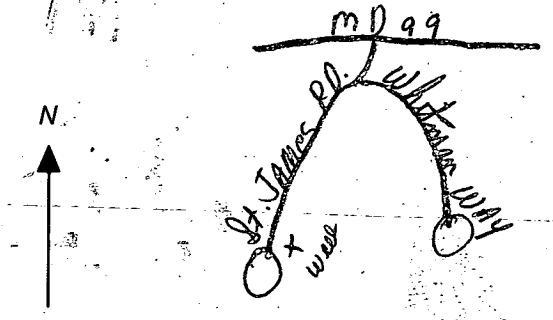
WRITE THE BOX NUMBER FROM THE MAP HERE

E 8104
N 5403B

000
000

6/4/99 9:30 Grout
+
NO INSP
ALM

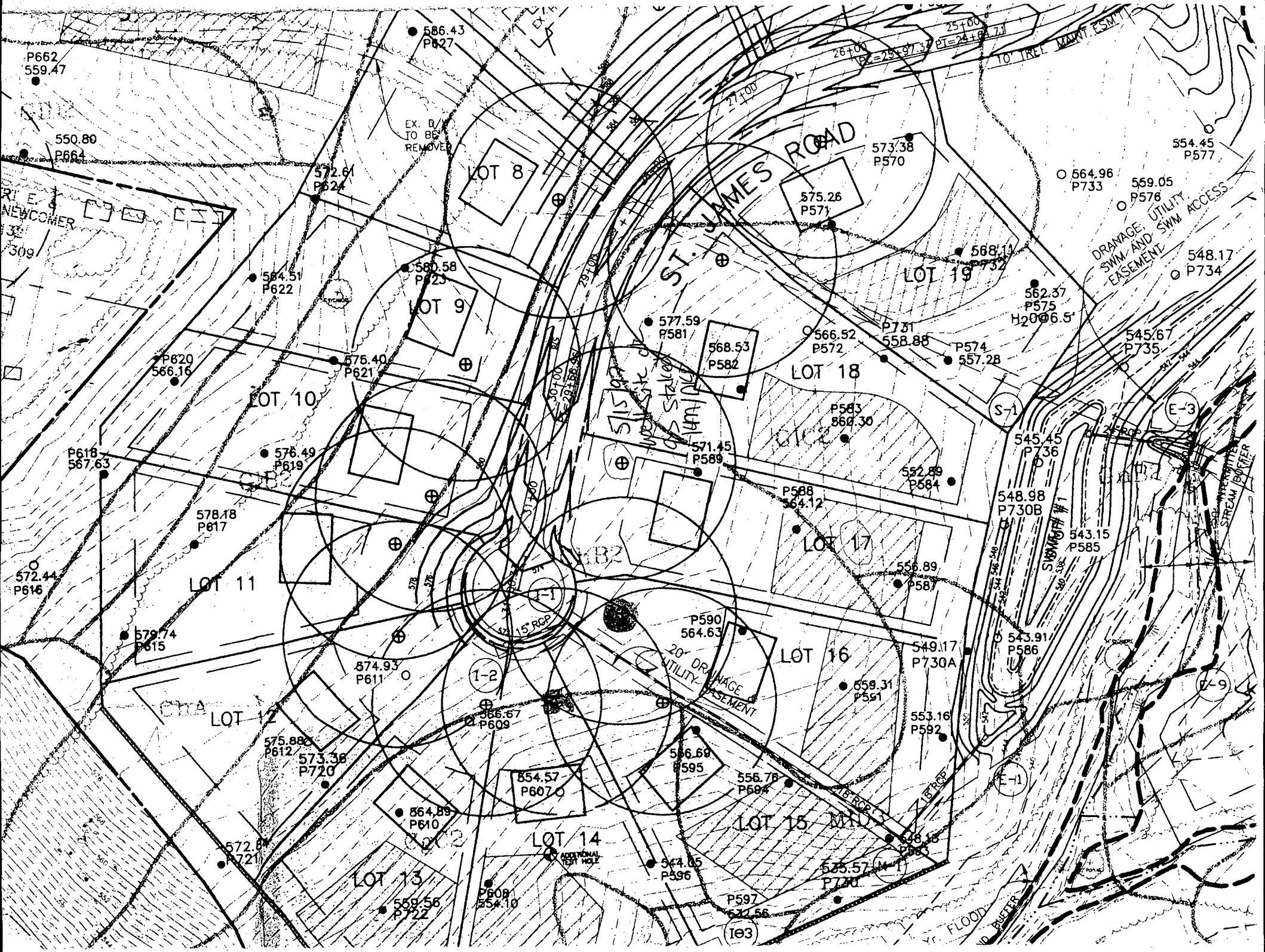
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

West Friendship

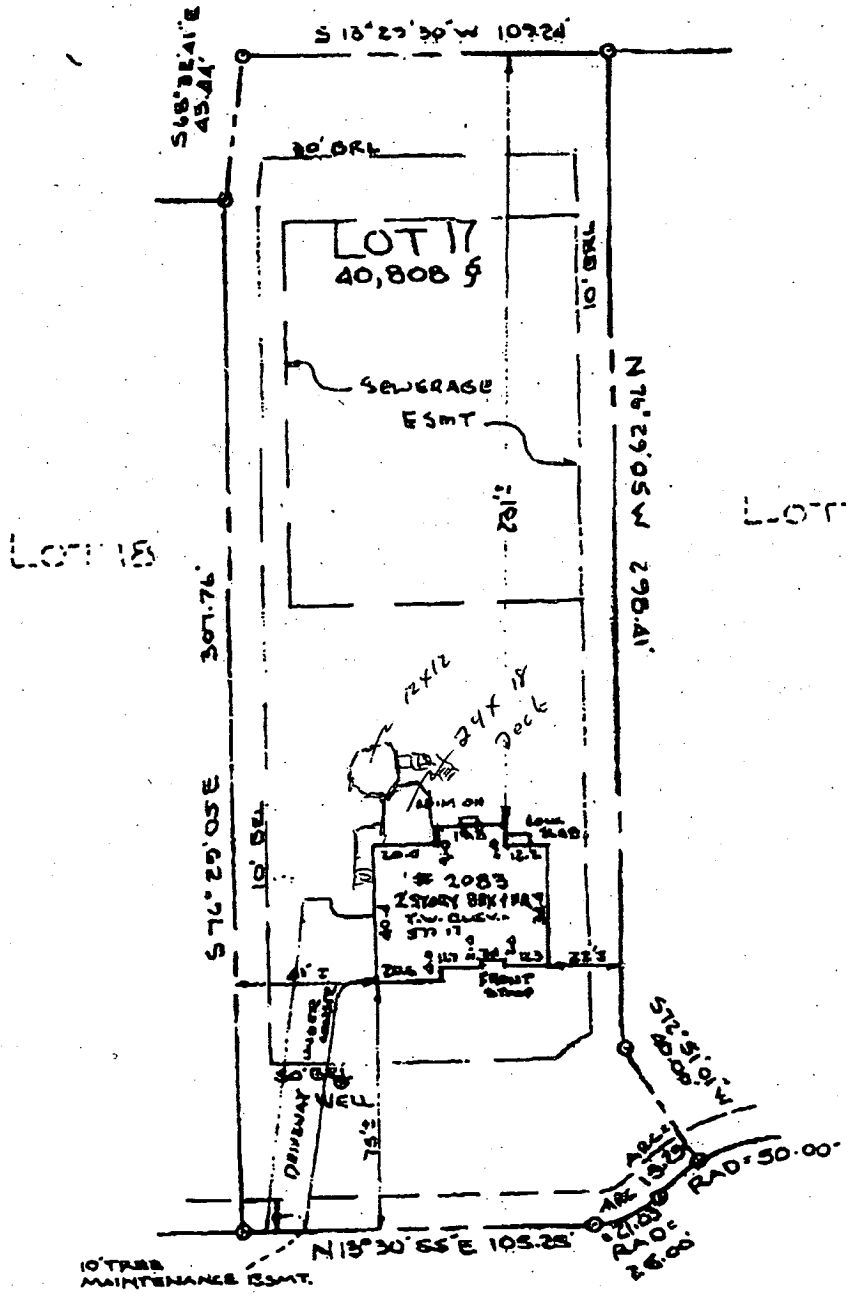
COUNTY


ST. JAMES ROAD
LOT 8
LOT 9
LOT 10
LOT 11
LOT 12
LOT 13
LOT 14
LOT 15
LOT 16
LOT 17
LOT 18
LOT 19
P662 559.47
550.80 P664
572.61 P624
564.51 P622
560.58 P623
P620 566.16
575.40 P621
618 567.63
576.49 P619
578.18 P617
572.44 P616
579.74 P615
574.93 P611
575.88 P612
573.38 P720
572.84 P721
559.56 P722
P608 554.10
564.89 P610
554.57 P607
565.67 P609
556.69 P595
556.76 P594
544.65 P596
P597 552.56
559.31 P591
553.16 P592
549.17 P730A
543.91 P586
556.89 P587
552.89 P584
P588 564.12
571.45 P589
577.59 P581
568.53 P582
P583 560.30
566.52 P572
P731 558.88
P574 557.28
562.37 P575 H2O@6.5'
568.14 P732
573.38 P570
575.26 P571
586.43 P627
564.96 P733
559.05 P576
554.45 P577
548.17 P734
545.67 P735
545.45 P736
548.98 P730B
543.15 P585
P590 564.63
S-1
E-3
E-9
E-1
I-1
I-2
I-3
M-1
SWM POND #1
DRAINAGE, UTILITY, SWM AND SWM ACCESS EASEMENT
20' DRAINAGE & UTILITY EASEMENT
TO TREE MAINT. ESMT.
EX. D/W TO BE REMOVED
ADDITIONAL TEST HOLE
15" RCP
18" RCP
24" RCP
FLOOD
STREAM BUFFER

PARCEL "E"

PUBLIC STORM WATER MANAGEMENT EASEMENT

A-2



ST. JAMES ROAD
(50' R/W)

10/18/01
Deck and Gazebo
O.K. as Shown
BB

STATE OF MARYLAND
ROBERT H. PUNK
No. 10882

HOUSE LOCATION SURVEY
LOT 17
LYNDON BROOK
SITUATED ON
ST. JAMES ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY,
MARYLAND
SCALE: 1"=50' MAR., 2000