11/19/00 10:00 24hr 10:00-10:30 7/28/00 12-1PM

PERMIT 03-325059

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513103

A 50560-A

DISTRICT

2/10/00 c.o. between 12-2 INDEXED 8/4/00 12pm 8/16/00 10:30-11 c.o.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE 11/4/1999

DATE SYSTEM APPROVED 8/4/00

INSPECTOR M. Rifkin

Ben Lewis, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 20220 Frederick Road, Germantown, MD 20876 PHONE 301-428-3900

SUBDIVISION Lyndonbrook LOT 1 ROAD 2054 St. James Road

PROPERTY OWNER Patriot Homes

ADDRESS

FUTURE PUMP SEPTIC SYSTEM

SEPTIC TANK CAPACITY 1250 GALLONS

INSTALL: 1-1250 GALLON FUTURE PUMP CHAMBER IN SERIES.

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 2 .0 feet below original grade. Bottom maximum depth 3.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 107.72' and 229.02' lot lines, begin trenches 65 feet up the 229.02' lot line and 65 feet off that same lot line. Run two 120 foot trenches toward St. James Road.

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

OK MP 5/24/99

PLANS APPROVED BY Amy McMillen DATE 5-13-1999

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)

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.

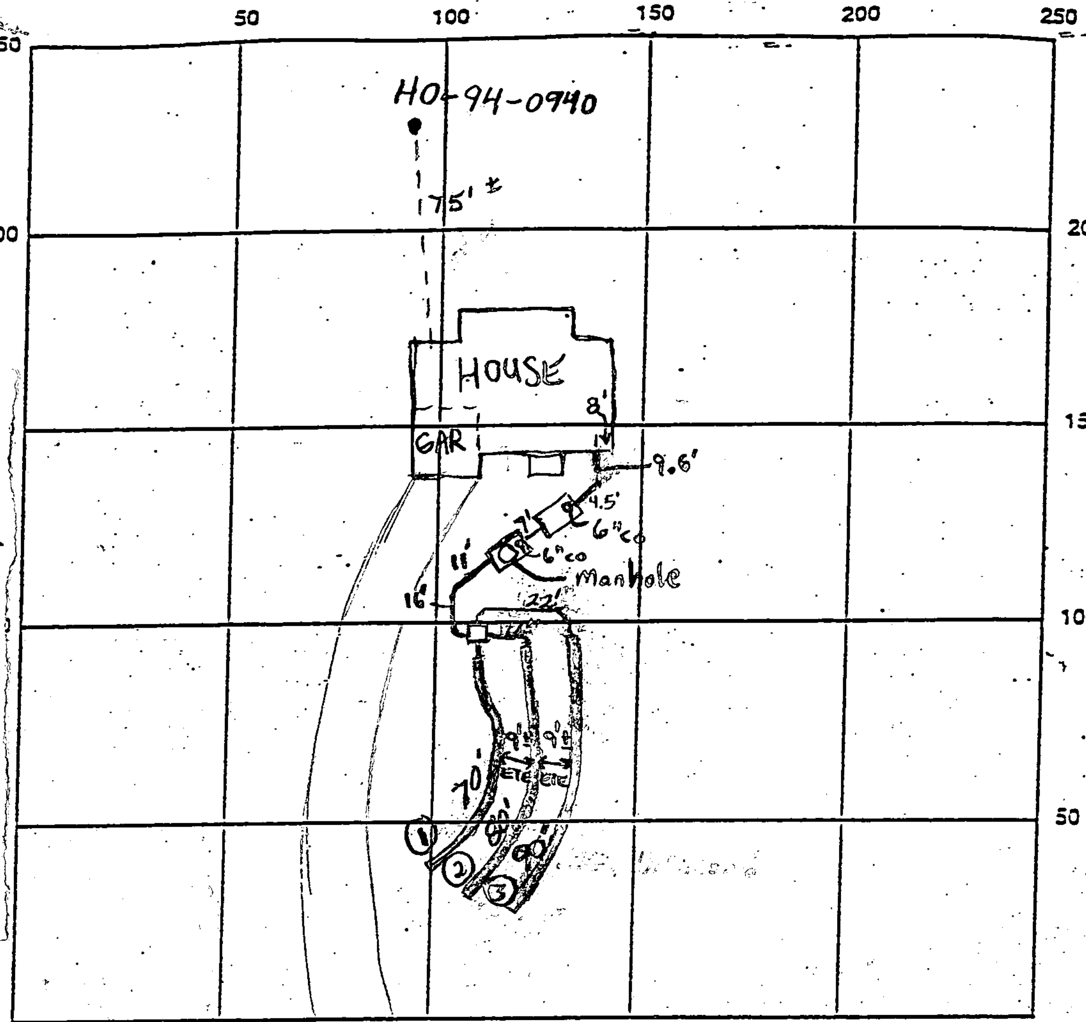
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

A 50560-A

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

C-250(5-90)



David 410-442 2416 or 443 255 / 443 264
2054 St James Road
yellow water
H. Lot 1
Reynolds Brook

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

St. James Road

SEPTIC TANK LEVEL 2-1250 gal. top seamed CLEANOUTS 6" on Septic Tank, 1-Pump Tank Manhole, 6" on Pump Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/TITLE DEPTH 3.5' FT. TRENCH WIDTH 3' FT. INLET DEPTH 2.0 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 1/2/3 70/80/90 FT. (240)

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

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 1/29/00 Builder questioned why 2 septic tanks - explained policy on two tanks & going to 1st repair area on gravity - 2nd tank is for future pump pit - no deviation in trench inlet or this policy possible. 2/7/00 Site insp. revealed it is not possible to have gravity service to the 2nd third of the SDA w/o changing inside plumbing - pump system to be installed @ highest portion of SDA area 2/9/00 No House Connection.

O.K. to cover trench 1+2. Tanks set. Advised installer about distance between trenches. House to tank and pump tank to box not completed. (BB) 2/10/00 - OK TO COVER ALL WORK, PUMP TEST NEEDED, HOUSE CONNECTION MADE (SRW)

DATE SYSTEM APPROVED 8/4/00 INSPECTOR M. Rifkin

7/28/00 No inspection. House locked, couldn't locate superintendent. (BB)

8/4/00 PUMP & ALARM OK (MR)

3/20/2000 AM 3/24/00 - Anytime

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
~~461-9833~~ 410 313 2640

410 313 2648
3/24/00 AM WAIT AM

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X
Replacement ____

Receipt # ____
Date ____

Name of Installer Ben Lewis Jr. Telephone 410 883 3900

License Number 11202
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber X

Name of Property Owner Patriot Homes Telephone 997 5122
Subdivision Landon Brook Lot # 1 Well Tag # HO-94-0940
Site Address 12054 ST James Rd

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make Dayton
3. Model # ____
4. Capacity ____ 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 1/3
2. RPM ____
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make ____
2. Model # ____
3. Depth 42

Tank
1. Capacity 180
2. Pressure relief valve? Yes

Piping
1. Type ~~Poly~~ 160
2. Size 1
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line ____

Well data
1. Depth 247 ft.
2. Yield ____ GPM
3. Static water level 50 ft.
4. Will water supply be disinfected by installer? Yes

7/28/00 ROP inside cap. Cap O.K. (B3)

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.

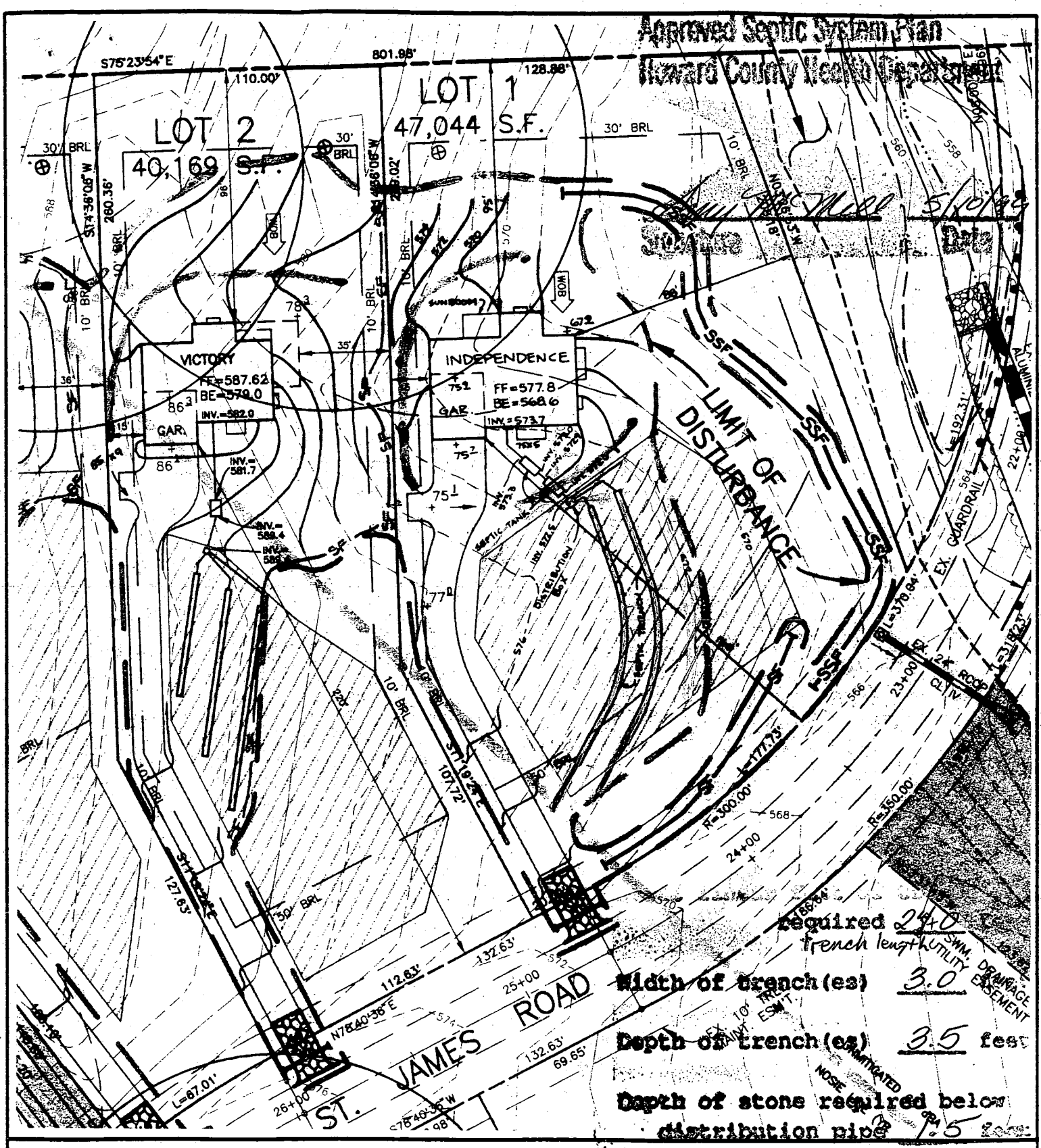
Signature of Applicant: Ben Lewis

Date: 3/20/2000

well line OK 3/24/00 CW

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

MD-215



FIRST FLOOR ELEVATION = 577.8
BASEMENT ELEVATION = 568.6
SPOT ELEVATION AT GARAGE = 575.7

LYNDONBROOK LOT 1

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MD 21043
PHONE: 410-465-6105 FAX: 410-465-6644

3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: 5/10/99

MARCH 20, 21, 22, 23, 28, 29, 30, 31 1995

APPLICATION

PERCOLATION TESTING

A 50560A

P _____

DISTRICT _____

DATE 3/3/95

PREVIEW OK 32 LOT SUBD, 31 NEW + 1 REPAIR

NEED TO LOCATE EXISTING WELLS & SEPTICS ON THIS AND SURROUNDING PROPERTIES. (CW)

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~~ Patriot 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. 1

ROAD AND DESCRIPTION 2100 block Maryland Route 32; northeast quadrant I-70 and Maryland Route 32 (2054 St. James Road)

~~SOIL~~ PERMIT SIGNED ~~AND~~ RETURNED 5-10-95

Serial # 2001176533

TAX MAP 15 PARCEL # 40

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

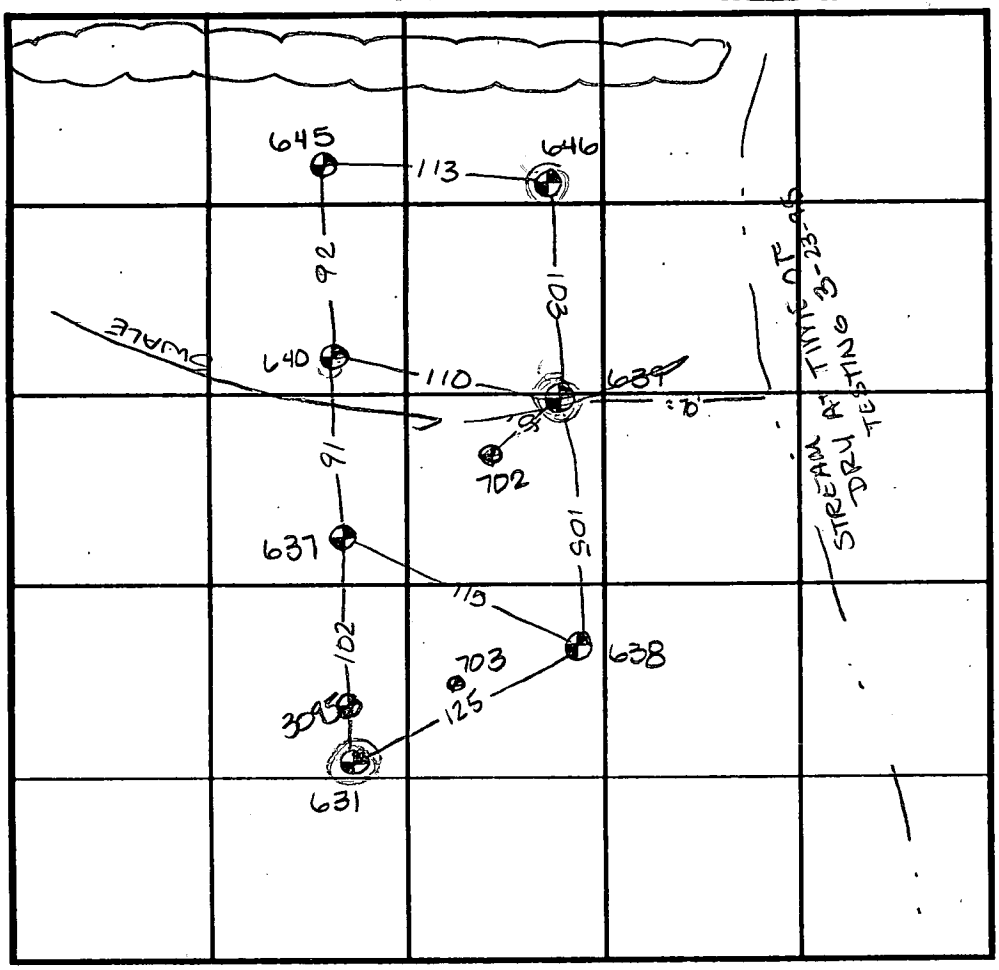
THIS IS NOT A PERMIT

HD-216 (3/92)

50560-A
COUNTY #

Lot 1

James Rd



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

639

0'
yellow orange cl lm
4
tan mica lm
7
mottling evidence of high water table
10'
water comming in sides
11'

645

orange brn si cl lm
3'
lgt tan orange sa si lm 5% 3"-6" dia rocks
12'

640

yellow orange cl
3'
lgt tan yellow si sa lm 10% large rocks bags 5-8" dia from 5'-8'
12

SOIL PROFILE

638

0'
rcd c
2'
orange red brn si cl lm
4'
greyish si lm 10% saprolite color may be from high H_2O table
12

637

orange brn si cl lm
3.5
lgt tan yellow micaceous si lm <5% rock
12'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-23-95	646	Visual to 12'	water comming in at 7'				F
	639	Visual to 10'	water comming in	SEE PROFILE @ 10			F
	645	3' / 12'	10:45 (15)	10:48	10:48	10:53	5min
	645	6' / 12'	10:44	10:45 (15)	10:45 (15)	10:47 (15)	2min
	640	3.5' / 12'	6:46 (45)	6:48	6:48	6:50	2min
3-28-95	637	4' / 12'	12:03	12:04	12:04	12:05	1min
	637	repour	12:05 (30)	12:07 (15)	12:07 (15)	12:09 (15)	2min
	638	4' / 12'	12:12 (30)	12:13	12:13	12:13 (30)	30sec
	638	repour	12:16	12:17	12:17	12:19 (15)	2 1/4min
	631	Hard bottom @	3'				F

REMARKS

TYPE OF SOIL

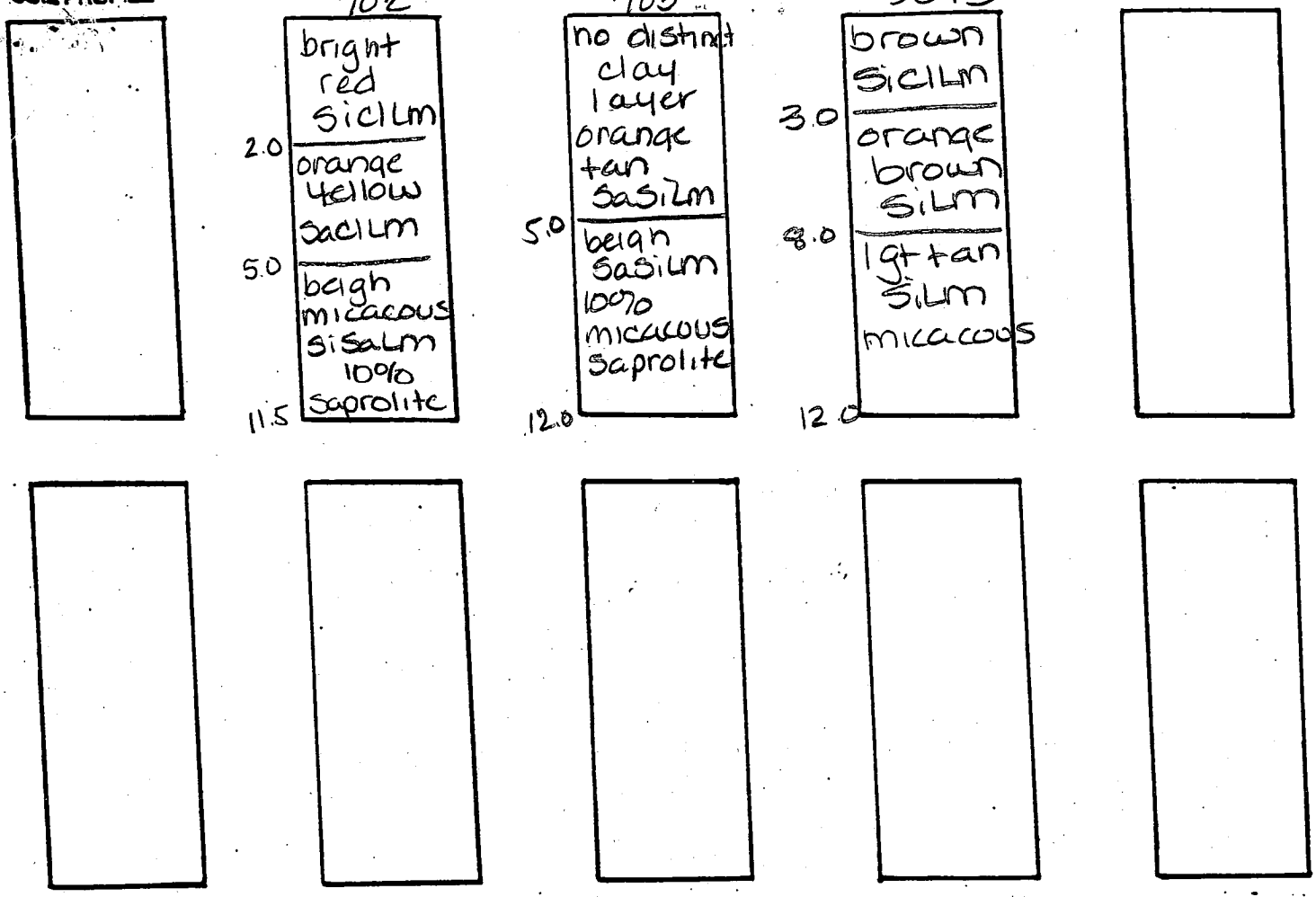
TESTED BY Amy McMillen ALSO PRESENT Larry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

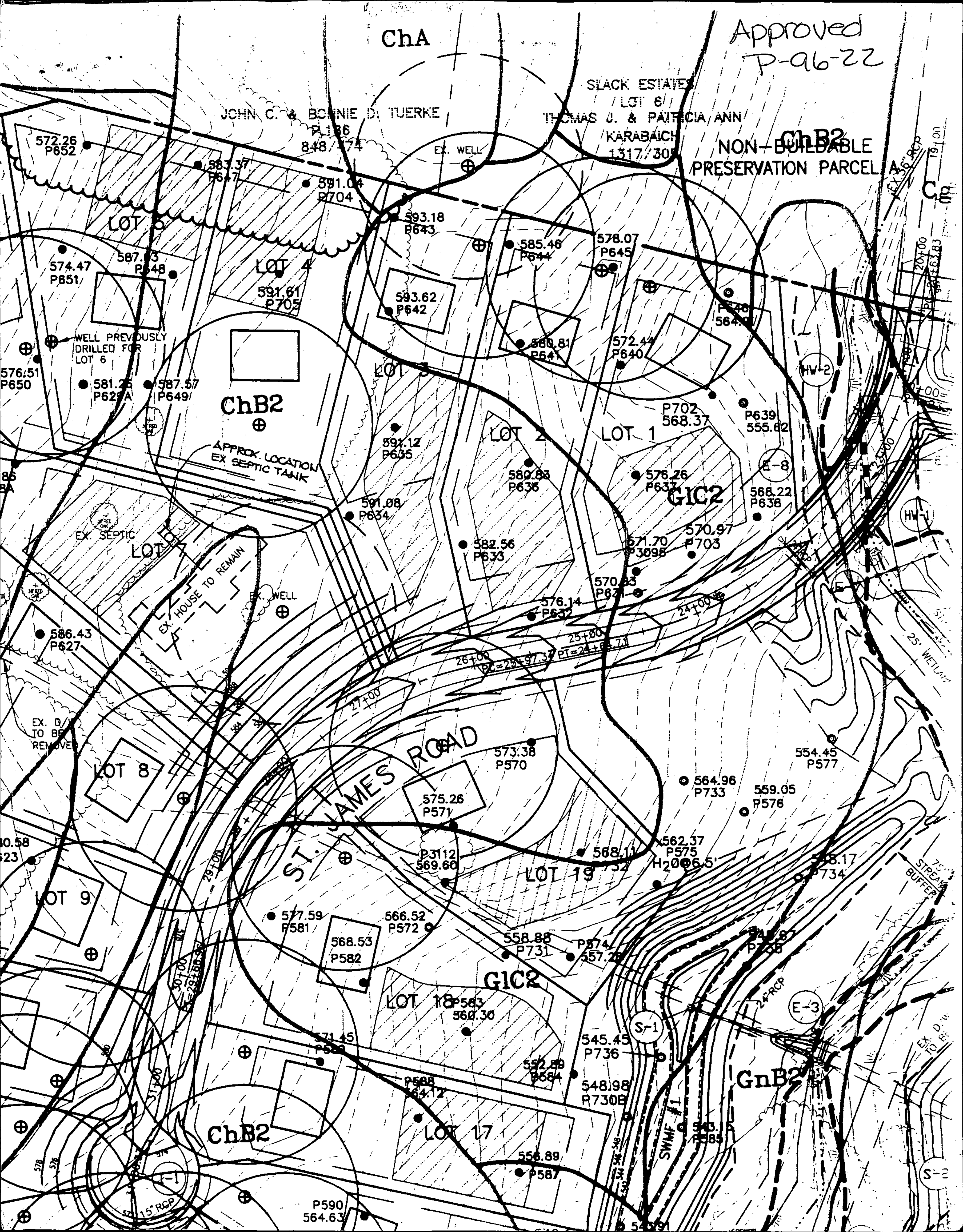
SUBDIVISION

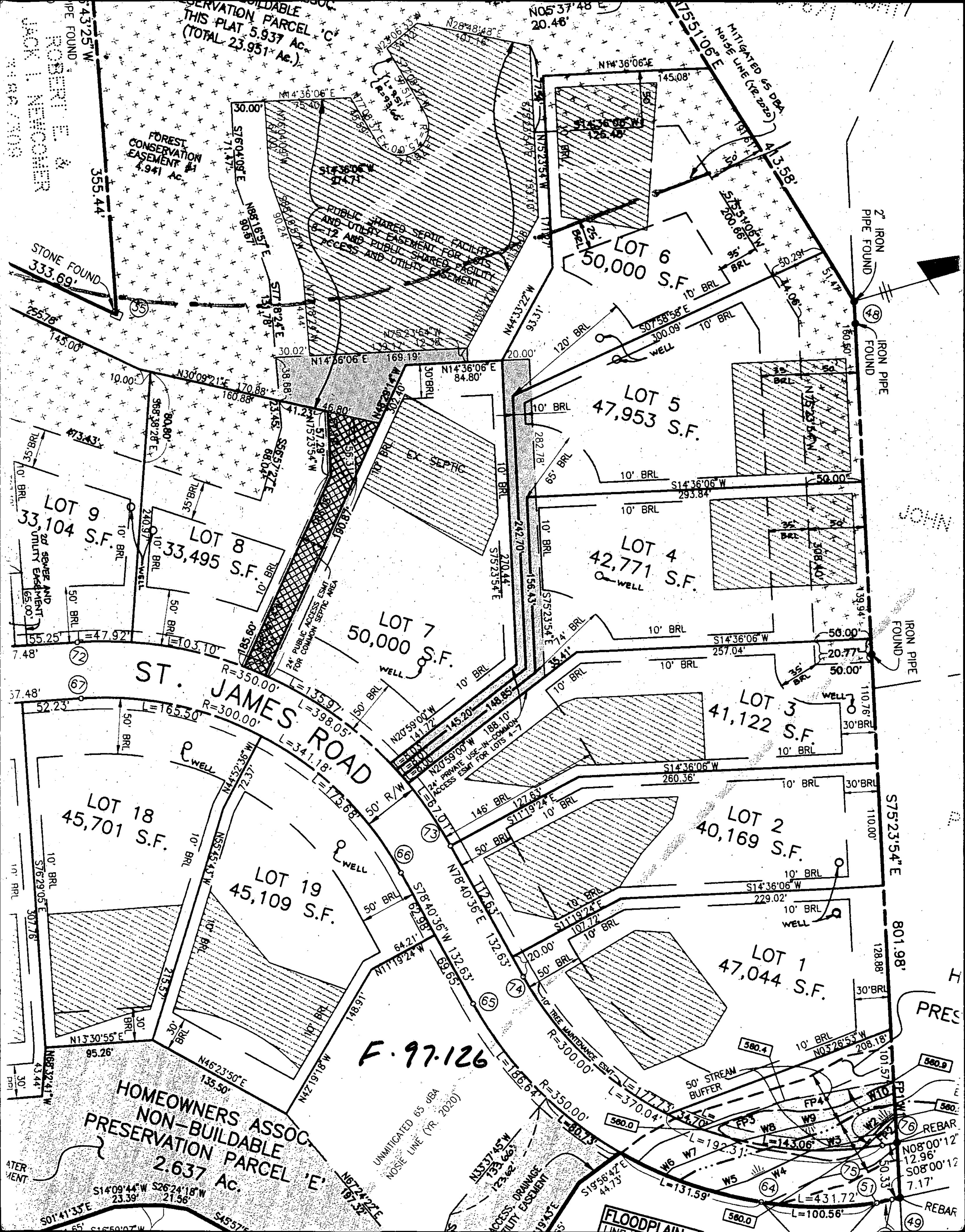
SOIL PROFILE



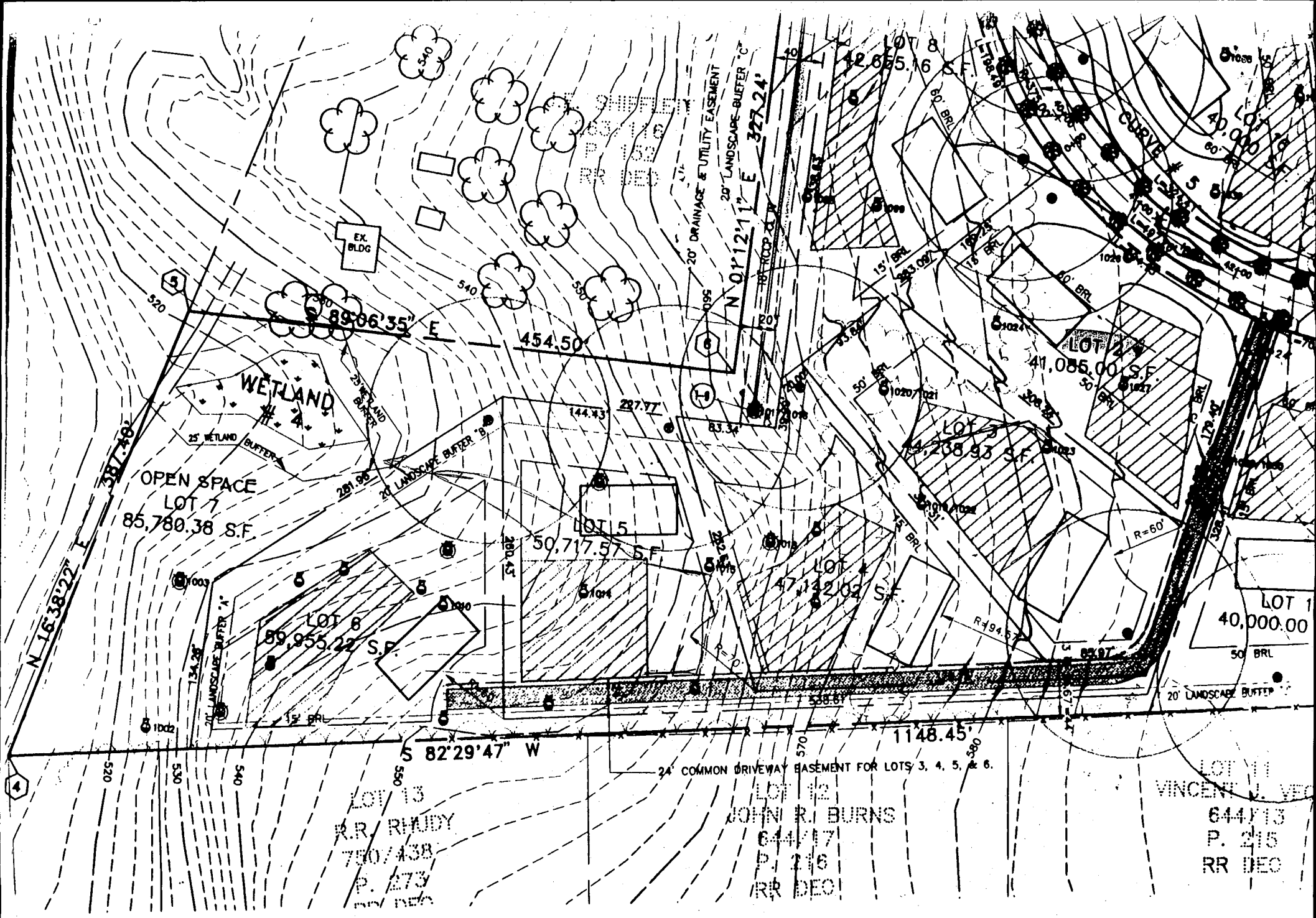
DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2-23-96	702	~~4.0~~ V12.0	2:31	2:32[15]	2:32[15]	2:34	1¾min
	703	Visual	to 11.5 - see profile				OK
11-6-96	3095	Visual	to 12.0 - see profile				OK

TESTED BY _____ ALSO PRESENT _____


Approved
P-96-22
ChA
JOHN C. & BONNIE D. TUERKE
SLACK ESTATES
LOT 6
THOMAS J. & PATRICIA ANN
KARABAICH
NON-BUILDABLE
PRESERVATION PARCEL A
ChB2
LOT 5
LOT 4
LOT 3
LOT 2
LOT 1
LOT 7
LOT 8
LOT 9
LOT 19
LOT 18
LOT 17
EX. WELL
WELL PREVIOUSLY
DRILLED FOR
LOT 6
APPROX. LOCATION
EX SEPTIC TANK
EX. SEPTIC
EX. HOUSE TO REMAIN
EX. D/W
TO BE
REMOVED
GIC2
ST. JAMES ROAD
GnB2
SWMF #1
24" RCP
15" RCP
HW-1
HW-2
E-3
S-1
25' WETLAND
75' STREAM BUFFER
572.26
P652
583.37
P647
591.04
P704
593.18
P643
578.07
P645
585.46
P644
574.47
P651
587.63
P648
591.61
P705
593.62
P642
580.81
P641
572.44
P640
576.51
P650
581.25
P629A
587.57
P649
591.12
P635
580.83
P636
576.26
P637
P702
568.37
P639
555.62
568.22
P638
591.08
P634
582.56
P633
571.70
P3096
570.97
P703
570.83
P631
576.14
P632
586.43
P627
573.38
P570
575.26
P571
554.45
P577
564.96
P733
559.05
P576
562.37
P575
P3112
569.60
568.11
577.59
P581
566.52
P572
568.53
P582
558.88
P731
P574
557.28
P583
560.30
571.45
545.45
P736
552.89
P584
P588
564.12
548.98
P730B
556.89
P587
P590
564.63



ROBERT E. &
JACK L. NEWCOMER
NON-BUILDABLE PRESERVATION PARCEL 'C'
THIS PLAT 5.937 Ac.
(TOTAL 23.951 Ac.)
FOREST CONSERVATION EASEMENT #1
4.941 Ac.
PUBLIC SHARED SEPTIC FACILITY AND UTILITY EASEMENT FOR LOTS 8-12 AND PUBLIC SHARED FACILITY ACCESS AND UTILITY EASEMENT
MITIGATED 65 DBA NOISE LINE (YR. 2020)
STONE FOUND
2" IRON PIPE FOUND
IRON PIPE FOUND
LOT 6
50,000 S.F.
LOT 5
47,953 S.F.
LOT 4
42,771 S.F.
LOT 3
41,122 S.F.
LOT 2
40,169 S.F.
LOT 1
47,044 S.F.
LOT 7
50,000 S.F.
LOT 8
33,495 S.F.
LOT 9
33,104 S.F.
LOT 18
45,701 S.F.
LOT 19
45,109 S.F.
EX. SEPTIC
24' PUBLIC ACCESS ESMT FOR COMMON SEPTIC AREA
24' PRIVATE USE-IN-COMMON ACCESS ESMT FOR LOTS 4-7
20' SEWER AND UTILITY EASEMENT
ST. JAMES ROAD
50' R/W
10' TREE MAINTENANCE ESMT
50' STREAM BUFFER
F-97-126
HOMEOWNERS ASSOC. NON-BUILDABLE PRESERVATION PARCEL 'E'
2.637 Ac.
UNMITIGATED 65 dBA NOSIE LINE (YR. 2020)
ACCESS, DRAINAGE & UTILITY EASEMENT
FLOODPLAIN
REBAR
N75°51'06"E 413.58'
S75°23'54"E 801.98'
N05°37'48"E 20.46'
S43°25'W 355.44'
333.69'
R=350.00'
R=300.00'
L=398.05'
L=341.18'
L=370.04'
L=431.72'



copy of Signed
Prelim. Plan

SEND REPORT TO:

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

Lab No. Date Received

WATER ANALYSIS

Do not write above this line.

SAMPLE ID

Bottle Number HO-2690 Name Security Dev. County Howard County Code 13

Source Steigler Prop Lot 1 St. James Rd Data Category Code AF

Collected: Date 10/16/96 Time 9:30AM Collector & Phone A. McMillen Submitter Code

CHECK (one per box)

Drinking Water [X]	Community [ ]	Source (raw water) [X]	Emergency [ ]
Landfill [ ]	Non-community [ ]	Distribution (treated) [ ]	Routine [X]
Stream [ ]	Private [X]	MCL [ ]	Recheck [ ]
Other [ ]	Other [ ]		Special [ ]

Federal Project S

FIELD

Plant No. Sampling Station Preservation: Iced [✓] Acid [✓] Type of Acid H_2SO_4

pH Chlorine: Free Total Specific Conductance

Notes to Lab/Remarks: HO-94 0940

CHECK TESTS	TESTS	CODES	ERROR CODE	G/L	RESULTS	DATE ANALYZED	ANALYST INITIALS
	Alkalinity (Total)	00410					
	Alkalinity, Ca CO_3 Sat.	74023					
	Ammonia - N	00608					
	Chloride	00940					
	Color*	00081					
	Conductance*, spec.	00095					
	Dissolved Solids	70300					
	Hardness	00900					
	Fluoride	00951					
	Nitrite, N	00615					
✓	Nitrate - Nitrite, N	00630					
	pH*, Ca CO_3 Sat.	70311					
	Sulfate	00945					
	Total Solids	00500					
	Turbidity*	00076					
	Other:						

* Results reported in Units, all others in milligrams per liter (ppm)

Number of Tests Requested 01

Section Chief

Date Reported

DHMH 90-A 10/93

ORIGINAL - LABORATORY

C 1 | 7847 | 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 A505160-A

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED: 10/16/96

Depth of Well: 340 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-94-0940

OWNER (last name) Security Development (first name)
STREET OR RFD St. James Rd TOWN W. Friendship
SUBDIVISION Steigler Property SECTION LOT 1

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	62	
Gray Mica Rock	62	340	✓

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 Marpe

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 18 NO. OF POUNDS 1692
GALLONS OF WATER 108
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 50 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	66

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	64 / 340
2		
3		

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

GRAVEL PACK from ____ to ____
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q

TELESCOPE CASING | LOG INDICATOR | OTHER DATA

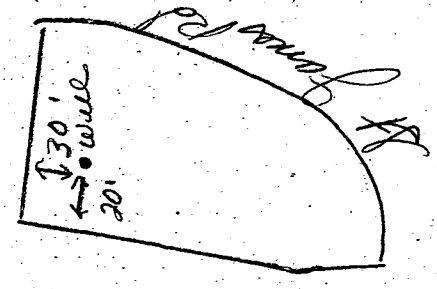
C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 4 1/4
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 11 ft.
WHEN PUMPING 223 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 [−] 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

STATE USE INDUSTRIES JESSUP, MD 20794

EMERGENCY/TEMP NO. IF ANY

B 1 | 4621 | 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-94-0940
fill in this form completely

Date Received (APA): 10/03/96

OWNER INFORMATION
Security Development
Last Name / Owner / First Name
PO Box 417
Street or RFD
Ellicott City MD 21041
Town / State / Zip

DRILLER INFORMATION
Joseph K. Mayne
Driller's Name
License No. 24
Joseph K. Mayne Well Drilling
Firm Name
5512 Ridge Rd. Mt. Airy Md. 21771
Address
Joseph K. Mayne 10/3/96
Signature / Date

CIRCLE: MSD/MGD/MWD

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
- H — 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 AM WRITE INITIALS IN BOX — PERMIT No. HO-94-0940

B 3 — LOCATION OF WELL

Howard
COUNTY
Stiegler Property
SUBDIVISION
SECTION — LOT 1
NEAREST TOWN: West Friendship
MILES FROM TOWN (enter 0 if in town): 1 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

St. James Road
NEAR WHAT ROAD

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

DISTANCE FROM ROAD: 210 FT

TAX MAP: 15 BLK: PARCEL 40

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL
Howard Co. A 505160 A
COUNTY NAME / COUNTY NO.

STATE SIGNATURE: _____ INSERT S

DATE ISSUED: 100896 A McMiller 10/7/97
CO SIGNATURE / EXP. DATE

NORTH GRID: 54000 EAST GRID: 81400

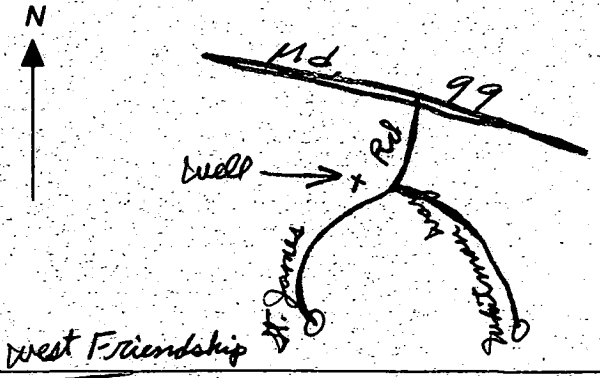
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 8104
N 540
000 000

10-16-96 - 2 BAGS
66' casing
50' OH
18 bags
A McMiller

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 =

COUNTY

10/8/96 Well Site OK as shown.