1/6/86 10:30 AM

1-6-87 Approved S. Abe

P 37927

A 29655

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXXXX~~
461-9933

INDEXED
03 - 308227

ELLICOTT CITY
DISTRICT 3rd

DATE 11/05/86

DAVE HOPKINS
~~J. Joseph Gartland, Inc.~~ IS PERMITTED TO INSTALL X ALTER ____

ADDRESS 1835 W. Old Liberty Road, Sykesville, MD PHONE 875-2400

SUBDIVISION Slack ~~Property~~ ESTATES ROAD 2030 St. James Road LOT 5

PROPERTY OWNER Mary & Charles Pomarzynski

ADDRESS ____

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

GARBAGE GRINDER? YES ____ NO X

BLDG. PERMIT SIGNED AND RETURNED 12/2/94
Sewer #5749 - Greenhouse

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 155 feet from the back lot line and 145 feet from the right lot line as seen when facing the property from St. James Road. Run trench(s) along contour 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. OK/GA

BLDG. PERMIT SIGNED AND RETURNED 2/5/90
Sewer #33723 - Prod.

PLANS APPROVED BY C. Williams DATE 1/07/85

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.

BLDG. PERMIT SIGNED AND RETURNED 8/20/90
Sewer #34461 - Sewer porch

PERMIT VOID AFTER THREE YEARS.

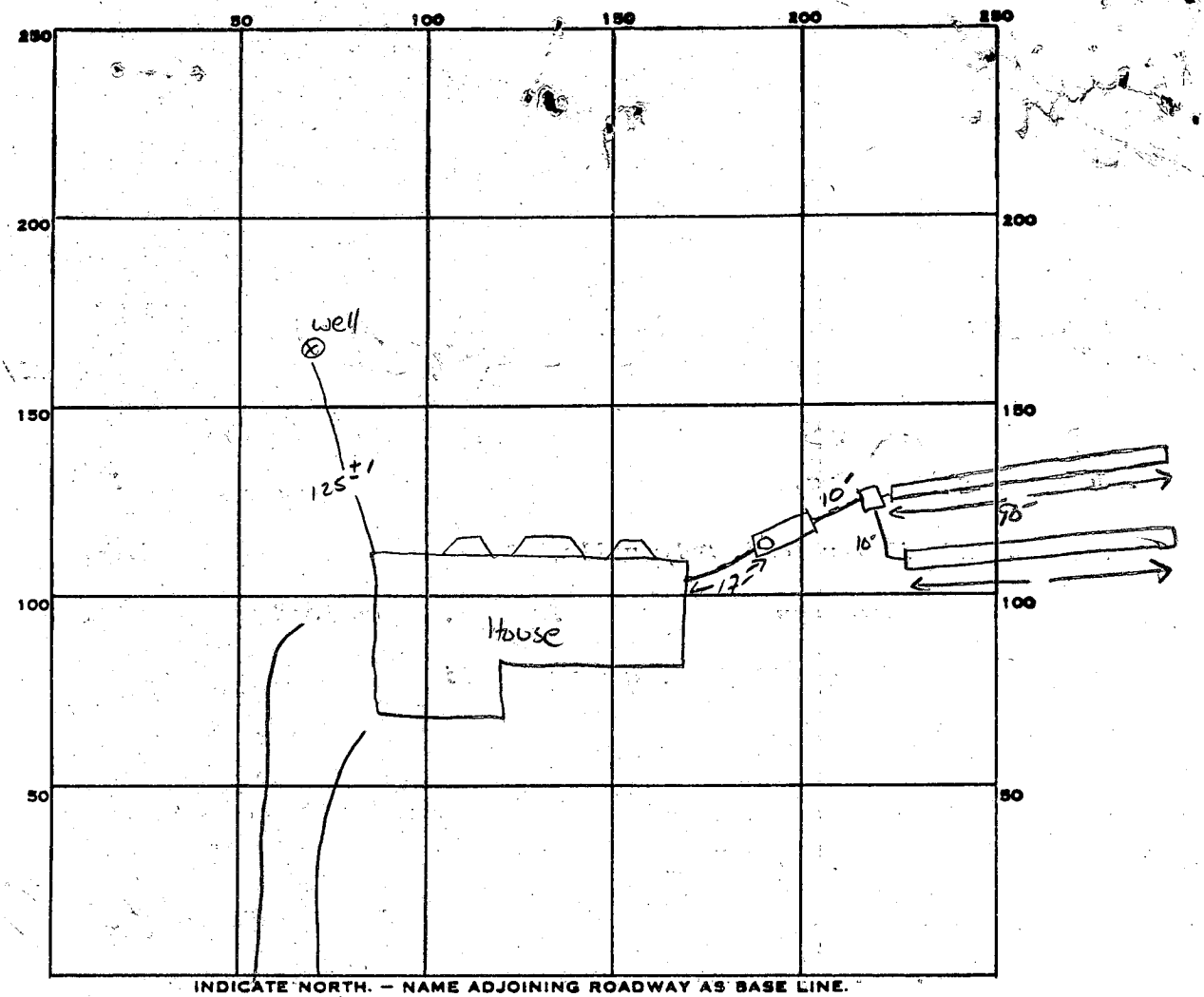
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

A 29655

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

~~CALL 992-2330~~ FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



180LF

INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

St James Rd.

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ 1500 GAL CLEANOUTS ✓ ST

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET 3

GRAVEL DEPTH 4 Ft ~~IN.~~ TOTAL LENGTH ① 90' ② 90' TOTAL 180' FT.

NUMBER OF TRENCHES 2 ONE SIDE WALL ~~TOTAL BOTTOM AREA~~ 720

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

ABSORBENT AREA 720 SQ. FT.

REMARKS

DATE SYSTEM APPROVED 1-6-87 INSPECTOR S. Adams

APPLICATION

A 29655

SEWAGE DISPOSAL TESTING

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 125 sq. ft. effective absorbent sidewall area per bedroom below inlet. Inlet 3' below original grade and maximum depth 10 for dry well. Location: 100' from rear property line and 160' in from left property line when facing lot from St. James Road.

DISTRICT 3rd

DATE 4/3/79

✓ Well site should be reviewed @ reg. to Kelly (adj. prop.)

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

4/81 If trench used with dry well need:
(1) 5' earth buffer between trench & dry well
(2) 2 inspections of trench before and after stone
(3) Run trench on contour

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

PROPERTY OWNER Slack property

ADDRESS

PHONE Mr. Young, Security Development - 465-4244

PROPERTY LOCATION

SUBDIVISION

LOT NO. 5

ROAD AND DESCRIPTION 3030 ST JAMES RD ~~Route 99~~

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. Stecker FOR Dry Well 4/81 " " + trench DATE 12/29/80

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

BLDG. PERMIT SIGNED AND RETURNED 6/23/84 SA

FOR DEPOSIT ONLY
HOWARD COUNTY HEALTH DEPARTMENT
10-103616-02

71258

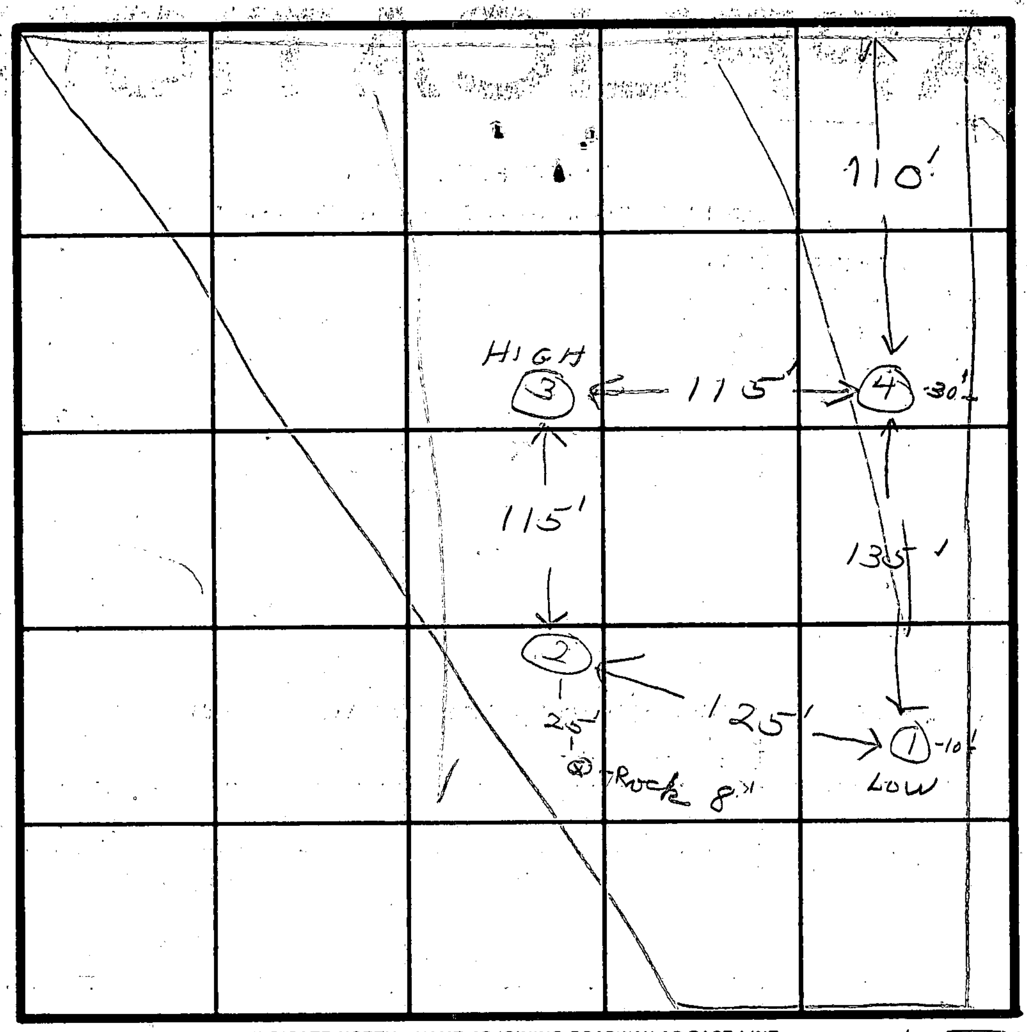
THIS IS NOT A PERMIT

5

SOIL PROFILE

0'

0-3 ft clay, sand
3-13 ft sandy loam



PT #99

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

LOT #5

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4/17/79	1 S	3	10:37	10:39	10:39	10:41	2
	1 D	12	10:37	10:39	10:39	10:42	3
	2 S	3	10:44	10:47	10:47	10:51	4
	2 D	13	10:44	10:47	10:47	10:50	3
	3 S	3	10:50	10:53	10:53	10:58	5
	3 D	12	10:50	11:00	11:00	11:07	7
	4	12	VISUAL				24

120 gpd/bedroom

Inlet 3'

Maximum depth 9'

ave. Time 4 min

REMARKS

TYPE OF SOIL

TESTED BY JS ALSO PRESENT P. Schissler

C 1 00849 — SEQUENCE NO. (OEP 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-29655

DATE Received

DATE WELL COMPLETED 01 24 86

Depth of Well 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1314

OWNER POMARZYWSK' (last name) CHARLES (first name)

STREET OR RFD. ST. JAMES RD. TOWN SYKESVILLE

SUBDIVISION SLACK ESTATES SECTION LOT 5

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
Dirt	0	10	
Soft Brown Mica	10	45	
Blue Mica Schist	45	46	X
Blue Mica Schist	46	60	
Brown Mica	60	61	X
Blue Mica Schist	61	98	
Brown Sandstone	98	99	X
Blue Sandstone	99	103	
Brown Mica	103	104	X
Blue Sandstone	104	160	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y (44) no N (44)

TYPE OF GROUTING MATERIAL
CEMENT CM (45 46) BENTONITE CLAY BC (45 46)

NO. OF BAGS 26 NO. OF POUNDS 2444

GALLONS OF WATER 156

DEPTH OF GROUT SEAL (to nearest foot)
from 0 (48 TOP 52) ft. to 53 (54 BOTTOM 58) 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 (60 61)	6 (63 64)	55 (66 70)

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

DEPTH (nearest ft.)

EACH SCREEN		from	to
1	HO (8 9)	55 (11 15)	160 (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)

GRAVEL PACK from _____ to _____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 (68)

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 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. 256

Dana Kyker, Jr. II

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3 (8 9)

PUMPING RATE (gal. per min. to nearest gal.) 13.3 (11 15)

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 46 (17 20)

WHEN PUMPING 103 (22 25)

TYPE OF PUMP USED (for test)

A air (27) | P piston (27) | T turbine (27)
C centrifugal (27) | R rotary (27) | O other (describe below) (27)
J jet (27) | S submersible (27)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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: (29)

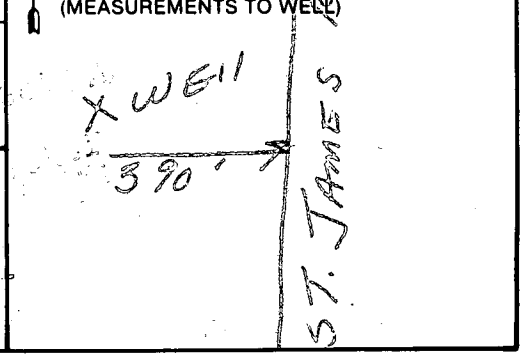
CAPACITY: GALLONS PER MINUTE (to nearest gallon) (31 35)

PUMP HORSE POWER (37 41)

PUMP COLUMN LENGTH (nearest ft.) (43 47)

CASING HEIGHT (circle appropriate box and enter casing height)
+ above (49) / − below (49)
LAND SURFACE
2 (nearest foot) (50 51)

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)



OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING | (E.R.O.S.) (72) LOG INDICATOR | W Q (74 75 76) OTHER DATA

HEALTH

Page 1 of 1
Date January 24, 1986

Review BKD 2/6/86 (BW)

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1314
Location of property (road) ST. JAMES RD.
Subdivision SLACK ESTATES Lot 5 Block ___ Plat ___ Sec. ___
Well Driller DANA KYKER Owner POMARZYWSKI, CHARLES

Depth of well 160'
Distance of measuring point (M.P.) above ground 2 Ft.
Static water level (S.W.L.) below M.P. 46

I. High rate pumping -- reservoir drawdown

Time pump started 8:20 Am Pumping rate 15
Total time 2:15 hrs to reach pumping water level (163) ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill X 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:20	46	4 Sec.		15
8:35	71	4 Sec.		15
8:50	85	4 Sec.		15
9:05	96	4 Sec.		15
9:20	107	5 Sec.		12
9:35	100	5 Sec.		12
9:50	101	5 SEc.		12
10:05	104	5 Sec.		12
10:20	103	4.5 Sec.		13.3
10:35	103	4.5 Sec.		13.3
10:50	103	4.5 Sec.		13.3
11:05	103	4.5 Sec.		13.3
11:20	103	4.5 Sec.		13.3

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation ✓
Replacement _____

Receipt # 37731
Date 9/30/86

Name of Installer J. Joseph Gartland Inc. Telephone 875-2402

License number 1713
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ✓

Name of Property Owner Charles J. Pomarzynski Telephone 795-3651
Subdivision Slack Estates Lot # 5 Well tag # ____-____-_____
Site Address 2030 Saint James Rd. Marriottsville, Md. 21104

Pump
1. Type
   a. Deep well jet _____
   b. Shallow well jet _____
   c. Submersible ✓
2. Make Goulds
3. Model # 10EJ05422
4. Capacity 10 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 1/2
2. RPM _____
3. Voltage _____
   a. 110 _____
   b. 220 ✓

Pitless Adapter
1. Make Harvard
2. Model # PT800
3. Depth _____

Tank
1. Capacity 42 gal
2. Pressure relief valve? 75 PSI

Piping
1. Type Plastic
2. Size 1"
3. NSF and/or BOCA Code approved NSF
4. Depth of supply line _____

Well data
1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disenfected by installer? _____

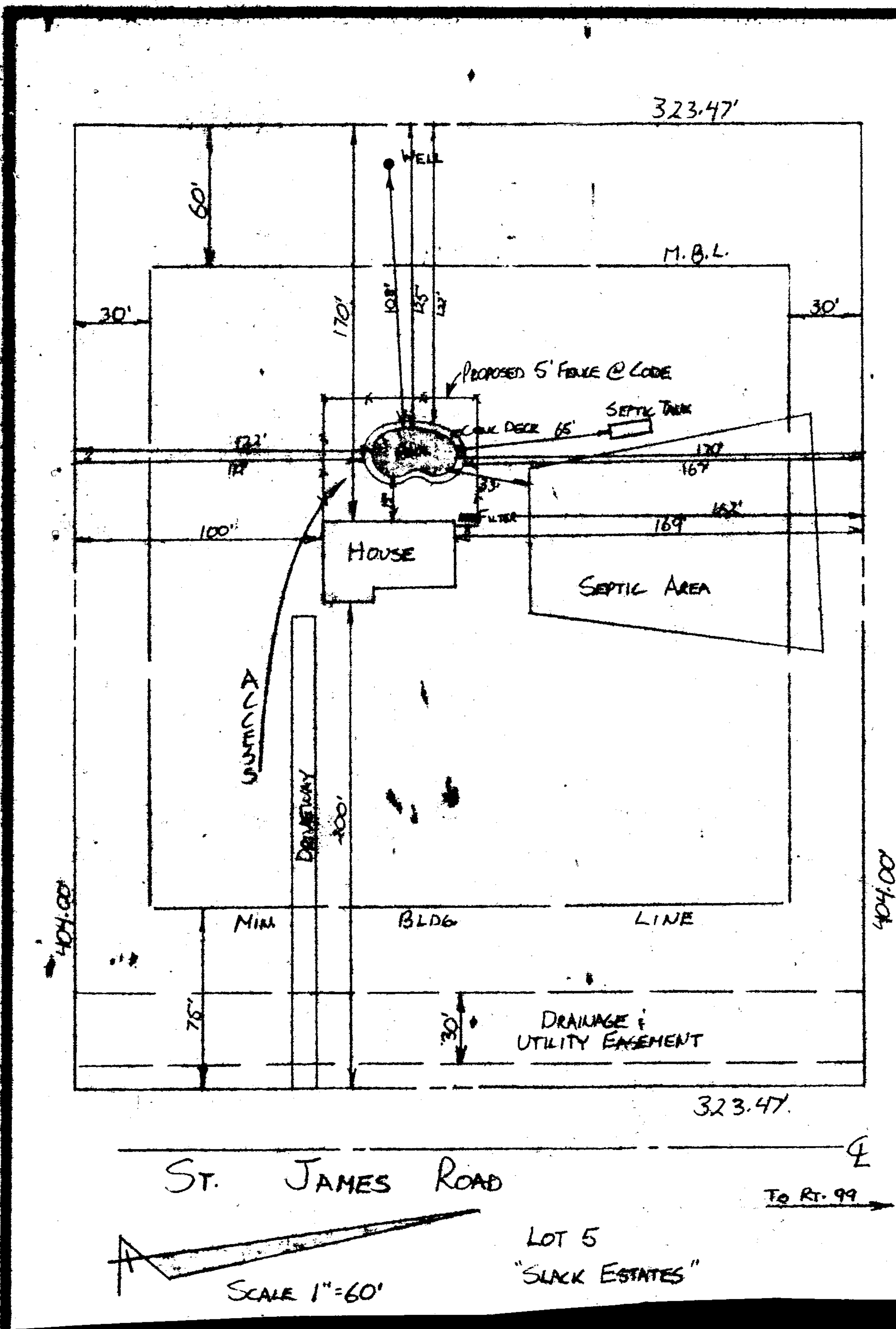
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

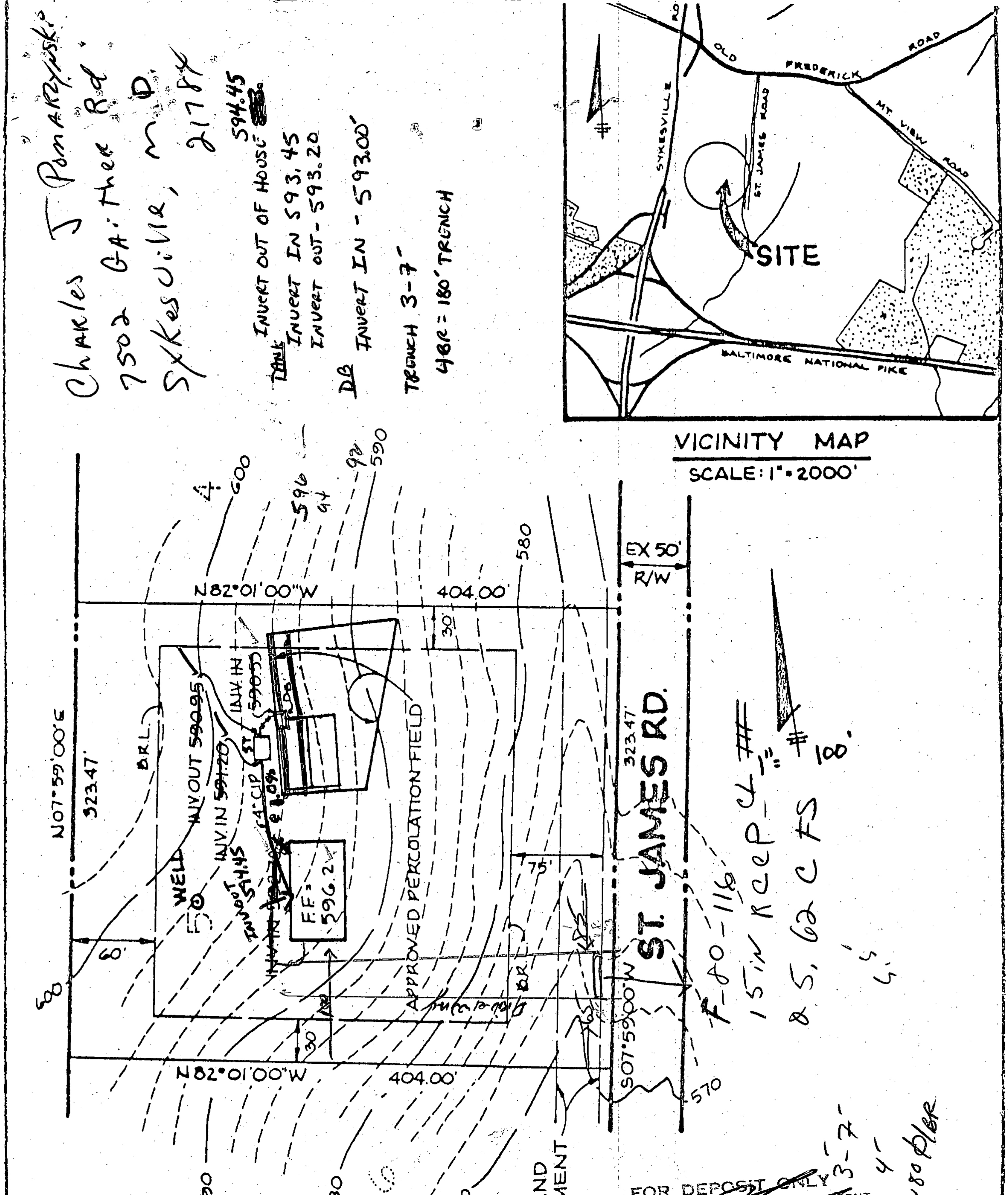
All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: 9/25/86

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


323.47'
WELL
60'
M.B.L.
30'
30'
170'
108'
125'
PROPOSED 5' FENCE @ CODE
SEPTIC TANK
65'
122'
117'
170'
167'
33'
FILTER
100'
162'
169'
HOUSE
SEPTIC AREA
ACCESS
DRIVEWAY
400'
404.00
404.00
MIN BLDG LINE
76'
30'
DRAINAGE &
UTILITY EASEMENT
323.47'
ST. JAMES ROAD
TO RT. 99
LOT 5
"SLACK ESTATES"
SCALE 1"=60'

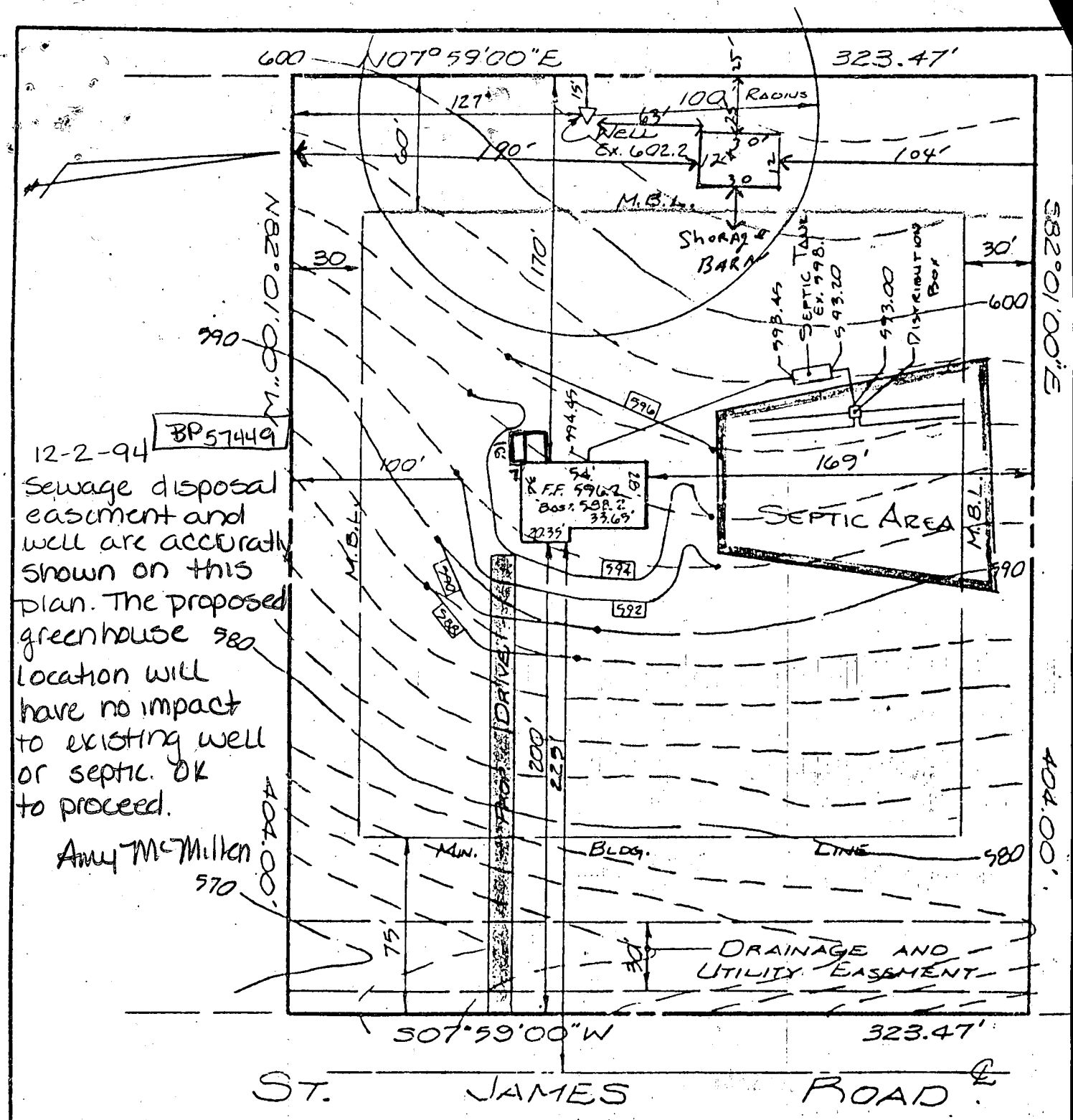

Charles J Ponarzynski
7502 Gaither Rd
Sykesville, MD. 21784
Invert out of house 594.45
Tank Invert In 593.45
Invert out - 593.20
DB Invert In - 593.00'
Trench 3-7'
4BR = 180' Trench
OLD FREDERICK ROAD
MT. VIEW ROAD
SYKESVILLE RD
ST. JAMES ROAD
SITE
BALTIMORE NATIONAL PIKE
VICINITY MAP
SCALE: 1" = 2000'
EX 50' R/W
N82°01'00"W 404.00'
N07°59'00"E 323.47'
323.47'
S07°59'00"W
N82°01'00"W 404.00'
ST. JAMES RD.
WELL
F.F. = 596.2
APPROVED PERCOLATION FIELD
B.R.L.
30'
75'
50'
600
590
580
570
1" = 100'
F-80-116
15" RCP
& 5.62 CFS
DRAINAGE AND UTILITY EASEMENT

FOR DEPOSIT ONLY
HOWARD COUNTY HEALTH DEPARTMENT
10-103616-02

TRACY, SCHULTE
& Associates, Inc.
8450 Baltimore National Pike
Ellicott City, Md. 21043
(301) 46...

BLDG. PERMIT SIGNED AND RETURNED 6/23/86 SA
#71258

SLACK ESTATES
LOT 5



PLOT PLAN FOR LOT 5 SLACK ESTATES

KIDDE CONSULTANTS, INC.
439 East Main Street Westminster, MD 21157

Scale: 1"=60' Issued: 7/28/86

Rev. 1/78