

4-28-85

4-28-85

approved S. Alf

PERMIT

P 353/4

A 29059

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

05-388589

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 4/09/85

Souder Builders, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 9335 Old Scaggsville Road, Laurel, MD 20707 PHONE

SUBDIVISION Triadelphia Mill Farms ROAD 13963 Triadelphia Mill LOT 12

PROPERTY OWNER Larry & Donna Wilson

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 first trench 75 feet from the front lot line and 125 feet from the right lot line as seen when facing the lot from Triadelphia Mill Road. Run trenches along level ground toward right side of lot. 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. (Need 2-75 ft. trenches)

OK TO INSTALL SYSTEM WITHOUT INSPECTION

OVER THE WEEKEND. TRENCHES TO BE NO DEEPER THAN 8' 1/2"

PLANS APPROVED BY C. Williams DATE 3/27/85

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.

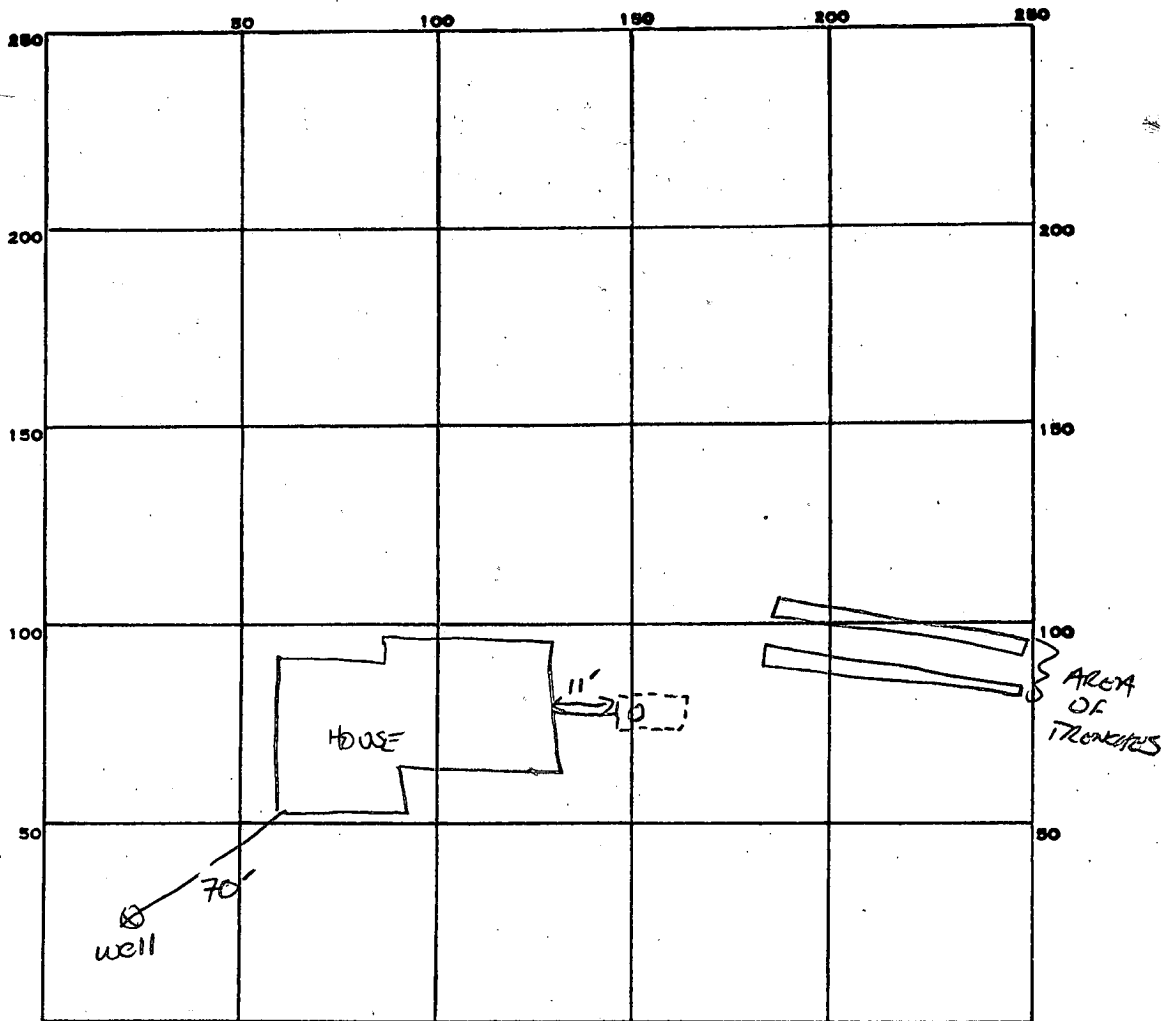
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29059



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

TRIADELPHIA Mill Rd.

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ MIN 1250 (1500) CLEANOUTS ✓ 1ST

DISTRIBUTION BOX, LEVEL REQUIRED

TILE FIELD, DEPTH 8.5 FT. TRENCH WIDTH 2 FT. 4 FT INLET

GRAVEL DEPTH 4.5 FT IN. TOTAL LENGTH MIN. 160 FT.

NUMBER OF TRENCHES 2 ONE SIDE WALL TOTAL BOTTOM AREA 720 ϕ MIN

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

ABSORBENT AREA 720 SQ. FT. minimum

REMARKS 4-28-86 - SYSTEM INSTALLED OVER WEEKEND; AREA OF TRENCHES LOCATED;

ST C/D LOCATED. System completely covered before inspection made; Builder should
CERTIFY COMPLIANCE THAT SYSTEM WAS INSTALLED TO SPECS. S. Abel

DATE SYSTEM APPROVED 4-28-86 INSPECTOR S. Abel

APPLICATION

A 29059

P _____

HOWARD COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043

TELEPHONE: 992-2330

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043

TELEPHONE: 992-2330

1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons

DISTRICT 5

DATE 10/16/78

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER

ADDRESS

PROPERTY LOCATION:

SUBDIVISION

ROAD AND DESCRIPTION

SIZE OF LOT

PHONE

LOT NO.

TYPE BLDG.

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

APPROVED BY

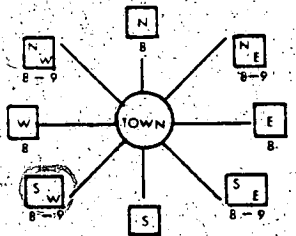
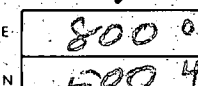
REJECTED BY

HOLD PENDING FURTHER TESTS

REASONS FOR REJECTION OR HOLDING

2/28/80

THIS IS NOT A PERMIT

B 1 1580	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND Permit to Drill Well please print or type	OEP PERMIT NUMBER H0-81-0050
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			
Date Received 4/26/83 10AM (OEP Use Only)		LOCATION OF WELL COUNTY Howard SUBDIVISION TRIDELPHIA Mill Farms SECTION I LOT 12 NEAREST TOWN Dayton MILES FROM TOWN (enter 0 if in town) 2	
OWNER INFORMATION Last Name WILSON Owner LARRY E DOWNS Street or RFD 139183 TRIDELPHIA RD Town DAYTON State MD Zip 21036		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 7 Continued DRILLER INFORMATION Driller's Name Ralph Mayne License No. 80 Firm Name Ralph Mayne (well Drilling) Address At. 3 Box 9120 Mt. Airy Md. Signature Ralph Mayne Date 3/21/83		TRIDELPHIA Mill Rd. NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 50 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) FT	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		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 	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)			
APPROXIMATE DEPTH OF WELL 150 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) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEANED (IF AVAILABLE) 41			
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE ES WRITE INITIALS IN BOX ES PERMIT No. H0-81-0050			
B 5 SPECIAL CONDITIONS 8-63			
B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A29059 OEP SIGNATURE Frank Shuman STATE HEALTH CIRCLE BOX S DATE ISSUED 4/12/83 CO SIGNATURE NORTH GRID 504 EAST GRID 0800 EXPIRES 10/12/83			

C1 7716	SEQUENCE NO. (OEP USE ONLY)	STATE 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.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		COUNTY NUMBER A 29059	PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0050
Date Received (OEP use only)	DATE WELL COMPLETED 043083	Depth of Well. 300 (TO NEAREST FOOT)	

OWNER last name WILSON	first name Larry & Donna		
STREET OR RFD Triadelphia Mill Road		TOWN Dayton	
SUBDIVISION Triadelphia Mill Farms		SECTION 1	LOT 12

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
Top Soil	0 2	
Sandy	2 50	✓
Sand Stone	50 60	
Micka	60 75	
Sand Stone	75 80	✓
Micka	80 300	

GROUTING RECORD (Circle Appropriate Box)	
WELL HAS BEEN GROUTED ☒ YES ☐ NO	
TYPE OF GROUTING MATERIAL CEMENT ☒ CM BENTONITE CLAY ☒ BC	
NO. OF BAGS 12	NO. OF POUNDS 1200
GALLONS OF WATER 72	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.	

CASING RECORD		
casing types insert appropriate code below	☒ ST STEEL	☒ CO CONCRETE
	☒ PL PLASTIC	☐ OT OTHER
	MAIN CASING TYPE ☒ PL ☐ L	
	Nominal diameter top (main) casing (nearest inch) 6	Total depth of main casing (nearest foot) 300

OTHER CASING (if used)	
EACH CASING	diagram inch depth (feet) from to
1	
2	

SCREEN RECORD			
screen type or open hole insert appropriate code below	☒ ST STEEL	☒ BR BRASS	☒ HO OPEN HOLE
	☒ PL PLASTIC	☒ OT OTHER	
	C2		
	DEPTH (nearest ft.) 89 300		

SCREEN	
EACH SCREEN	diagram inch depth (feet) from to
1	
2	
3	

CIRCLE APPROPRIATE BOX	
☒ 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. 223	DRILLERS SIGNATURE Ralph E. Mayne
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH) from to	
GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☒ F	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T 70 ☐ TELESCOPE CASING	(E.R.O.S.) 72 ☐ LOG INDICATOR
W O 74 75 76 OTHER DATA	

PUMPING TEST		
HOURS PUMPED (nearest hour) 6		
PUMPING RATE (gal. per min. to nearest gal.) 12		
METHOD USED TO MEASURE PUMPING RATE bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 17		
WHEN PUMPING 300		
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 YES ☒ NO ☐ N	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))	
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31	
PUMP HORSE POWER 37	
PUMP COLUMN LENGTH (nearest ft.) 41	
CASING HEIGHT (circle appropriate box and enter casing height)	
☒ + above	LAND SURFACE
☐ - below	(nearest foot) 2

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)	
well 90' 50' 100' Prof line	

Page 1 of 1
Date APR 27, 1983

Review 5/17/83 OK F.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0050
Location of property (road) TRIADelphia 17.11 Rd
Subdivision Triadepha Mill Farm Lot 12 Block - Plat - Sec. 1
Well Driller Ralph MAYNE Owner Wilson

Depth of well 300 ft
Distance of measuring point (M.P.) above ground 3 ft
Static water level (S.W.L.) below M.P. 17 ft

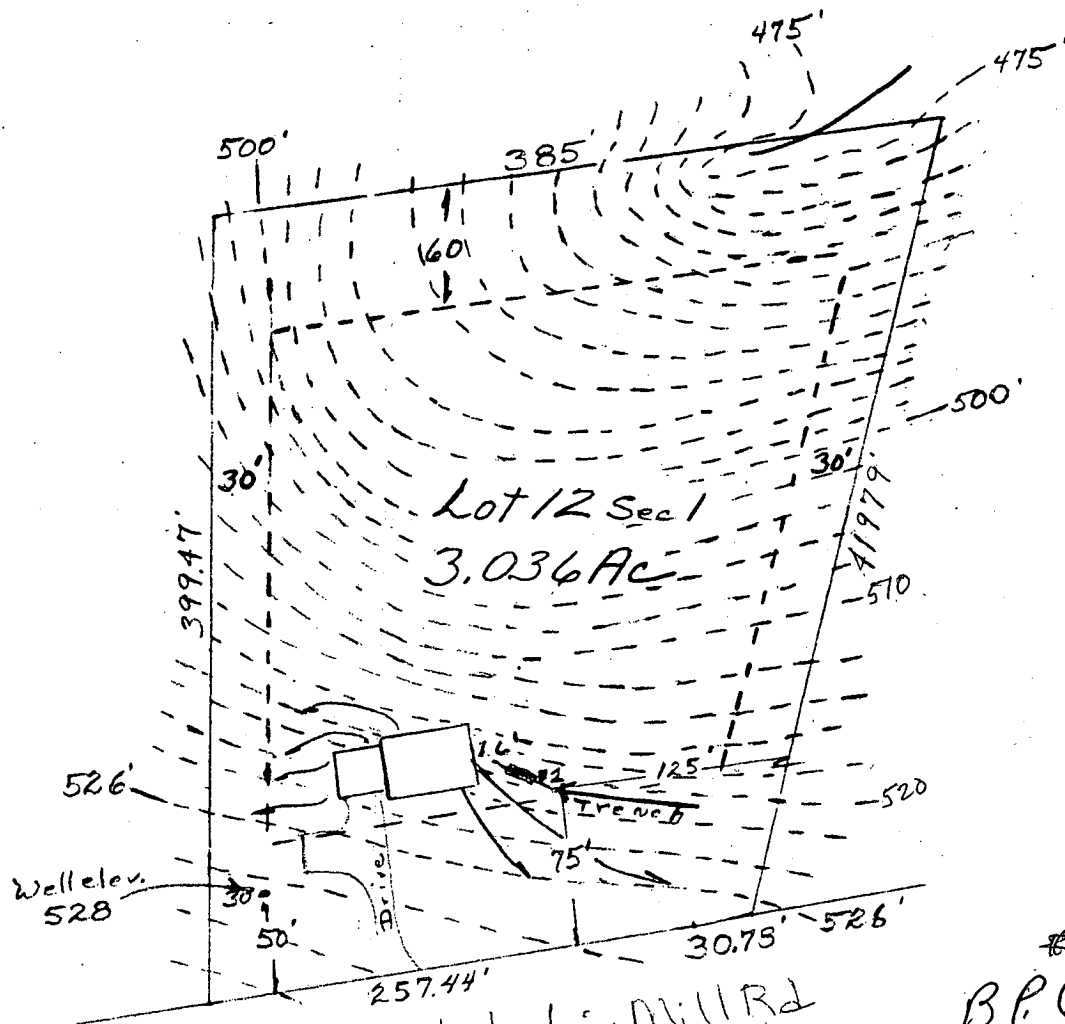
I. High rate pumping -- reservoir drawdown

Time pump started 8:00 AM Pumping rate 96 P.M.
Total time 30 min to reach pumping water level 131 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	131 ft	55 sec	-	1 G.P.M. +
8:45	131 ft	55 sec	-	1 +
9:00	131 ft	55 sec	-	1 +
9:15	131 ft	55 sec	-	1 +
9:30	131 ft	55 sec	-	1 G.P.M. +
9:45	131 ft	55 sec	✓	1 +
10:00	131 ft	55 sec	-	1 +
10:15	131 ft	55 sec	-	1 +
10:30	131 ft	55 sec	-	1 G.P.M. +
10:45	131 ft	55 sec	-	1 +
11:00	131 ft	55 sec	-	1 +
11:15	131 ft	55 sec	-	1 +
11:30	131 ft	55 sec	-	1 G.P.M. +
11:45	131 ft	55 sec	-	1 +
12:00	131 ft	55 sec	-	1 +
12:15	131 ft	55 sec	-	1 +
12:30	131 ft	55 sec	-	1 G.P.M. +
12:45	131 ft	55 sec	-	1 +
1:00	131 ft	55 sec	-	1 +
1:15	131 ft	55 sec	-	1 +
1:30	131 ft	55 sec	-	1 G.P.M.
1:45	131 ft	55 sec	-	1 +
2:00	131 ft	55 sec	-	1 +
2:15	131 ft	55 sec	-	1 G.P.M.
2:30	131 ft	55 sec	-	1 G.P.M. +

Tridelpia Mill Farms
Lot 12 Sec. 1



13963 *Triadelpia* Mill Rd
FFF

B.P. 64060
Signed 4-2-85

Larry & Donna Wilson
13983 Triadelphia Mill Rd
Dayton Md 21036
Phone 8542774

F.F. Elev.	526'
Base Elev.	517'
Elev. at Time of pour.	521'
Exist. elev. at trench	521'
Elev. of sewer at house	519' -
Elev. at tank Inv.	518.58
Elev. at tank Exist	518.25
Elev. at Trench Inv.	518.

Scale 1" = 100'

I certify that all elev. are actual & correct
for this property. James W. Dean