

4-8-93 Get photos from septic contr. for last trench JEN

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48883

A 46024

DISTRICT 4th

DATE 4/27/93

DATE SYSTEM APPROVED 4-12-93

INSPECTOR JEN

2-8-93  
1/12/93  
see contractor re: grade problems Not on site  
2-11-93 contractor to meet Health  
3-31-93 1-3 pm Health  
4-4-93 2-30 pm Health  
4-6-93 2 pm Health  
rained out

INDEXED  
04-328051

### HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

4/7/93 12:00 - 3:00  
4-8-93 10 am, 3 pm

Ashby Building Company, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 5755 Oklahoma Road, Sykesville, Maryland 21784 PHONE 549-4916

SUBDIVISION Wellington North LOT Parcel 72 ROAD 14880 Union Chapel Road

PROPERTY OWNER Tom Tozzini

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the first trench 100 feet down the left (287.65') lot line and 10 feet off the same lot line. Run trenches along contour toward the front (173.01') lot line.

NOTES - MAINTAIN A MINIMUM OF 100 FEET TO ALL WELLS.  
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 8/5/92 RH

PLANS APPROVED BY Jane Nadeau DATE 4/08/91

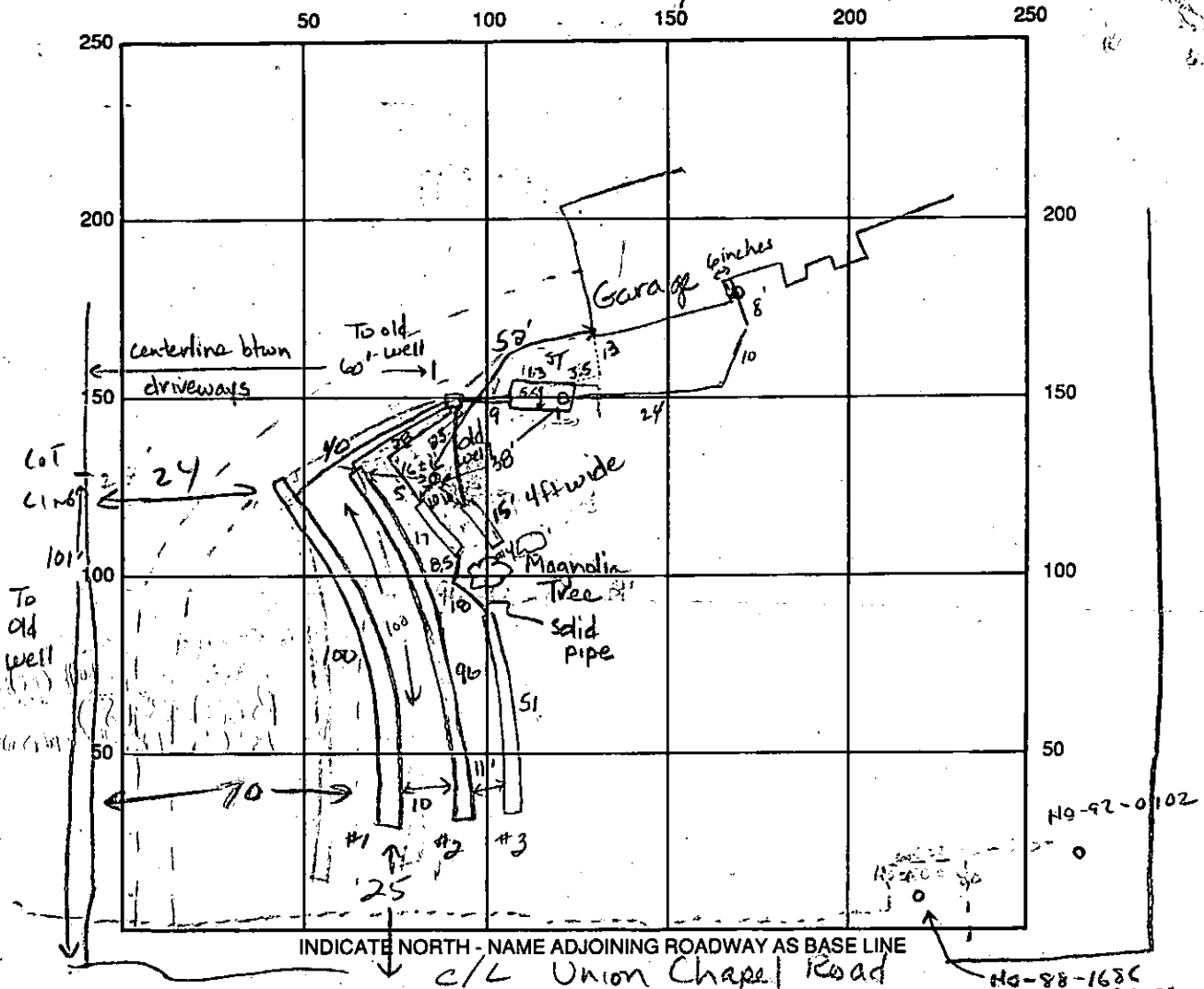
- COVER NO WORK UNTIL INSPECTED AND APPROVED
- NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.
- 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**

PLAN PERMIT SIGNED AND RETURNED 151920 2ND PAGE  
-B-003398  
15'6" x 42'6" COVER DECK

210  
31840  
280

A  
46024



SEPTIC TANK LEVEL 1500 gal top seam with 2 compartments CLEANOUTS ST & in-line at house

DISTRIBUTION BOX LEVEL OK (w/divider)

DRAIN FIELD TITLE DEPTH	①	②	③	④	TRENCH WIDTH <u>3' x 3' / 4' x 4'</u> FT. 4' wide	INLET DEPTH	①	②	③	④
	3 1/2	4.5	4.5	4.5			3.5	2.5	2.5	2.5
EFFECTIVE GRAVEL DEPTH	①	②	③	④	TOTAL LENGTH	①	②	③	④	
	2.0	2.0	2.0	2.0	100	96	68	15		

NUMBER OF TRENCHES 4 ONE SIDEWALL BOTTOM AREA 300 / 288 / 204 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 852 SQ. FT.

REMARKS: 2-8-93 Spoke to bldr & Mrs. Tozzini repossibility of using pumped septic if grade from house is not achievable.

3-11-93 Located approximate trench layout for 2 gravity systems w/ Mr. Ashby Tank ok JEN.

4-5-93

4-6-93

4-7-93 OK to cover trench #1 w/ paper & cover. Add pipe & paper to trench #2. OK to cover tank. JEN. 4-7-93 OK to stone end of trench #3 & cover #2. JEN.

4-8-93 Located old well. OK to stone trench #3. JEN 4-8-93 Trench #4 to be 15' long, 4' wide. 4-12-93 All work covered.

DATE SYSTEM APPROVED 4-12-93 INSPECTOR Jane E. Madigan

Aug 21, 1990  
10:00 am

# APPLICATION

PERCOLATION TESTING

A 46024

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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. Tom Tozzini

PROPERTY OWNER Security Development Corporation 795-7218

ADDRESS P.O. Box 476, Ellicott City, MD PHONE 465-4244

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Wellington North LOT NO. Reperc Parcel 72

ROAD AND DESCRIPTION 14880 Union Chapel Road

TAX MAP 14 PARCEL # 72

SIZE OF LOT 2.15 ac.

BLDG. PERMI  
AND RETURNED 7/23/90

Serial # 44698  
SFD SFD-4 Bedroom  
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 8-21-90 Pending perc hole locations and plat approval. SHALLOW SYSTEM. Area of house removal should be investigated to determine depth of disturbance. TEN

HD-216

## THIS IS NOT A PERMIT



# APPLICATION

PERCOLATION TESTING

A 46024

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 4

DATE JUNE 5, 1990

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 SECURITY DEVELOPMENT CORPORATION

ADDRESS P.O. BOX 417, ELLICOTT CITY, MD. 21043 PHONE 465-4244

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Wellington North LOT NO. Parcel 72

ROAD AND DESCRIPTION UNION CHAPEL ROAD

TAX MAP 14 PARCEL # 72

SIZE OF LOT 93,789 sq ft OR 2.15 AC. TYPE BLDG. S.F. DWELLING  
(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.

[Signature]  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6-18-90 Recommend rejection. Shallow depths to water table. Less than 10,000 sq ft SDA. JEN

HD-216

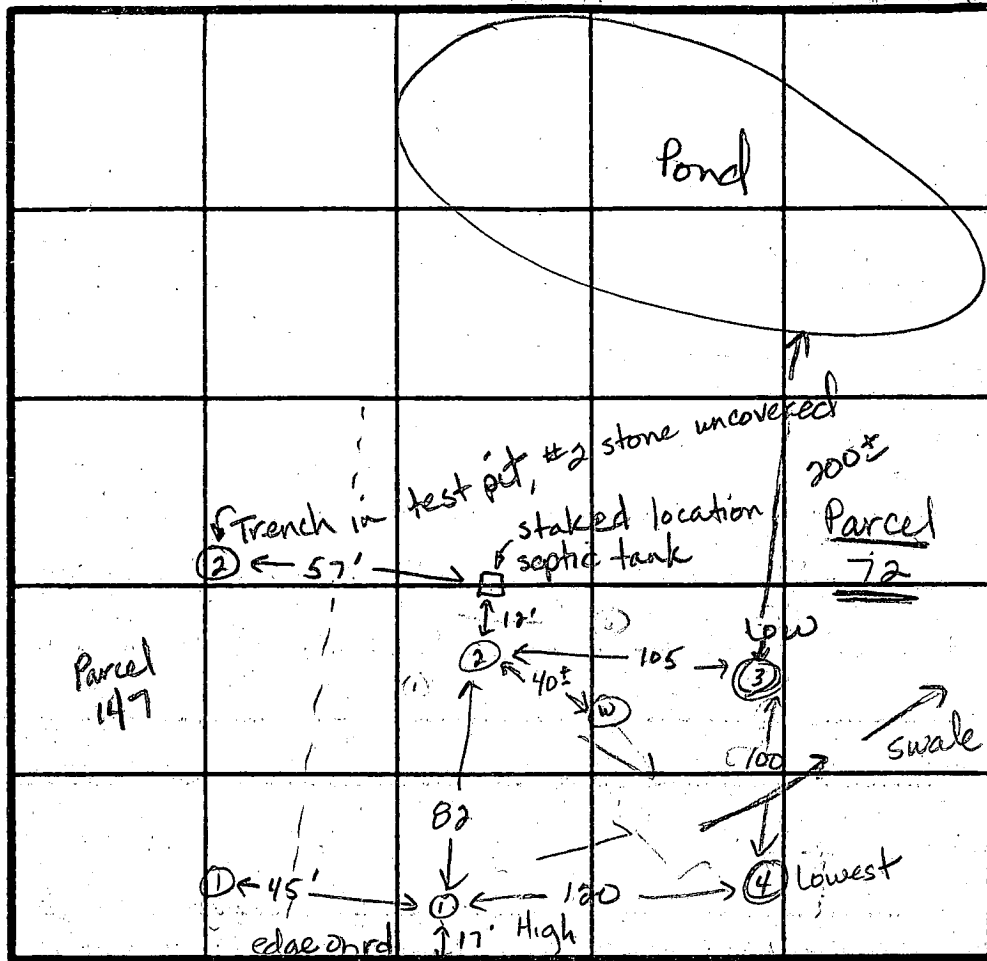
# THIS IS NOT A PERMIT

A 46024

①

SOIL PROFILE

0-4.5 Rd s.c.l.  
 4.5-12.5 Rd sa s.l., some broken rock frags, < 35% at 5.0'-10.0'  
 12.5 Bottom Dry  
 One wall showed rocky soils



④  
 0-7.0 Br s.c.l.  
 7-15 Rd-br sa s.l., little broken rock < 10% mottles at 9.5 ft  
 15.0 Bottom water at 14.5'  
 1 Highest  
 2  
 3  
 4 Lowest  
 S/A Allow  
 $\bar{X} = 10 \text{ min}$   
 Inlet = 3.0 ok  
 Bottom = 4.5  
 2.0 sq ft/bottom

②

0-3.0 Rd s.c.l.  
 3-12.0 Tan sa s.l., little broken rock 40%  
 12.0 Bottom Dry

③

0-5.5 Dk br s.c.l., roots  
 5.5-12.0 Rd-br sa s.l., mottled at 7.5 ft  
 water at 12.0 ft  
 12.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Union Chapel Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-18-90	1	5.5 S	10:14:25	10:15:15	10:15:15	10:17:02	2 min
		9.0 M	10:18:35	10:22:33	10:22:33	10:29	7 min
		12.5 D	Rocky	5'-10.0'	on one well		Marginal
	2	5.5 S	10:24:30	10:28	10:28	10:31	3 min
		12.0 D	Bottom				ok
	3	2.5 S	10:50:55	11:00:53	11:00	11:11	11 min
		5.5 S	10:33:49	10:36:27	10:36	10:40	4 min
	4	12.0 D	Bottom	(water mottles at 7.5 ft)	open since 9am.	at 12.0 ft	wet season retest required
		5.0' S	10:53:03	11:00	3/4 in	open 2hrs)	slow
		15.0 D	Bottom	(water mottles at 9.5 ft - open 30 min)	open since 10:45am	at 14.5 ft)	Fail

REMARKS Septic trench encountered at about 5ft below grade in hole #2 on Parcel 147, septic tank location approximate. Septic and well need to be properly abandoned. Wet, mottled soils near swale.

TYPE OF SOIL

TESTED BY

Jane E. Nadeau

ALSO PRESENT

Chuck (Hatfield) Developer

Tracy, Shulte survey crew

**TRACY, SCHULTE & ASSOCIATES INC.**  
planning • architecture • engineering • surveying

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8480 Baltimore National Pike • Suite 418 • Ellicott City, Maryland 21043 • (301) 465-6105

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June 4, 1990

Mr. Craig Williams  
Howard County Health Department  
Water and Sewerage Program  
3525 Ellicott Mills Drive, Suite H  
Ellicott City, Maryland 21043-4544

Re: Wellington North = TSA #0214

Dear Mr. Williams:

Please accept this submission for your review and approval. Per our May 29, 1990 meeting, the following facts are herein re-stated for clarification.

1. The two lots shown on the enclosed plan are existing parcels. They are parcel 147 and parcel 72 as shown on tax map no. 14.
  2. Two existing houses and one trailer were connected to the two existing sewage systems.
  3. The existing well and septic systems were field located by one of our survey crews and are shown on the current plan.
  4. The existing county topography was field verified and checks very nicely (within 0.4' for elevation).
  5. The existing farm pond to the North was field located and shown. A 200' buffer is being maintained.
  6. An adjoiner transfer was performed which moved the existing line of division to the East by 150'.
  7. Preliminary perc tests were performed by Clark Sperry prior to the adjoiner transfer and "bad" perc areas identified by him were avoided in the current proposal.
  8. The existing house on Parcel 147 had a failing system and the well was less than 85' from the septic dry well. It apparently pre-dates Health Department review.
-

9. The existing house on Parcel 72 had a system which was reconstructed with Health Department review about 1974. However, the well was only 40' from the septic trench.
10. The two existing houses were demolished under County permits and replacement permit allocations were obtained by Clark Sperry.
11. Neither house had a basement and the house on Parcel 72 did not have conventional footings, but rather was sitting on the ground surface.

It is felt the current proposal is the best that can be done to improve this existing bad situation. As you indicated, perc testing will be scheduled soon. Please notify me at 465-6105 when you have set a date so field stakeout can be coordinated.

Very truly yours,



Peter A. Gallerizzo, P.E., Prof. L.S.  
Technical Director

PAG/ecb

cc: Clark Sperry

**TRACY, SCHULTE & ASSOCIATES INC.**  
planning • architecture • engineering • surveying

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8480 Baltimore National Pike • Suite 418 • Ellicott City, Maryland 21043 • (301) 465-6105

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November 19, 1990

Mr. Craig Williams  
Howard County Health Department  
Water and Sewerage Program  
3525 Ellicott Mills Drive, Suite H  
Ellicott City, Maryland 21043-4544

Re: Percolation Test Applications  
Numbers A46024 & A46025  
Union Chapel Road  
Tax Map: 14 Parcels: 72 & 147

Dear Craig:

Pursuant to our meeting of October 29, 1990 with Clark Sperry and Jane Nadeau and your letter of October 31, 1990, this is to address the concerns expressed.

The two properties in question are not a "subdivision". These two properties have always been separate parcels in separate ownership. Until this year, there were two conventional homes and a mobile home located on the properties and all three were occupied. The three homes were served by two wells and two septic systems which pre-dated current Health Department regulations. These systems did not meet current standards for size, spacing, or elevation. Our client acquired the two parcels, removed the structures and moved the line between the parcels in order to improve the well and septic systems. The plan is to resell the parcels with the improved septic installation as a requirement.

As you noted, the property is sloped. Whereas the well sites are lower than the highest part of the septic system, they are higher than the lowest part of the septic system. The reason that the well locations are slightly lower than the septic areas is that the septic areas have been located on the highest point of the properties in order to maintain a 200 foot separation from a recently constructed pond located on a neighboring property to the north. We understood that maintaining this separation was more critical than the well elevation. If not, the well and septic locations could have been reversed. It is notable that the septic areas are more steeply sloped easterly and westerly and surface drainage from the septic areas would not flow toward the well sites. If the subsurface layering follows the surface shape, then subsurface flow of effluent would not be in a direction toward the well sites.

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The (westerly) parcel 147 had a septic area on our last submission of 10,000 S.F. and parcel 72 had 10,800 S.F. From our meeting, I felt we discussed and concluded that the previous foundations were sufficiently shallow as to not impact the placement of trenches. The areas associated with the existing well and trench would have to be discounted. Also, a 25 foot setback from the rock outcrop would be honored.

We propose to consider the setback from the common parcel boundary as an unnecessary restriction in this case and ask that it be waived, (and document by easements if necessary) given that it is the best available perc area in trying to remedy the situation on these existing parcels. Drive access would not be over the septic area, but to either side of the fields, as each of the existing parcels, not being a subdivision, have access to their road frontage. This would provide more than 10,000 S.F. for each disposal area.

Once again, the proposed plan represents a substantial improvement of the well and septic plans for these properties over the previous condition. Your approval of the proposed plan will enable the properties to be re-used in the revised format rather than reverting to their previous configuration. The favor of a written reply as to whether or not this addresses your concerns is requested.

Sincerely,



Peter A. Gallerizzo, P.E., Prof. L.S.  
Technical Director

PAG/ecb

Enclosure



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## HOWARD COUNTY HEALTH DEPARTMENT

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

October 31, 1990

*Reply to:*

Mr. Clark Sperry  
c/o Security Development  
P. O. Box 417  
Ellicott City, Maryland 21043

RE: Percolation Test Applications  
Numbers: A46024 & A46025  
"Wellington North"  
Union Chapel Road  
Tax Map: 14 Parcels: 72 & 147

Dear Mr. Sperry:

Pursuant to our meeting of October 29, 1990, (Pete Gallerizzo and Jane Nadeau also in attendance), this is to express the position of this office regarding the adequacy of proposed well sites and sewage disposal easements on the above referenced property.

The opinion was expressed that the property meets the definition of "subdivision" as defined by Maryland Subdivision Regulation (COMAR 26.04.03) because a change in lot lines affecting wells and septic systems is involved. As subdivision, the property would be subject to all the applicable provisions of COMAR 26.04.03 as well as COMAR 26.04.02.

A counter argument was presented by you, that the property did not meet the strict definition of "subdivision", exempting it from some of the more stringent interpretations of the subdivision regulation.

Regardless of a final determination as to whether or not "subdivision" is involved, concerns about adequacy of well sites and sewage disposal areas remain. Primary concerns include:

- Well sites downslope of sewage disposal areas
- Sewage disposal areas less than 10,000 square feet. Factors limiting the available area include soil disturbances from previous foundations, septic systems and wells, and proximity to rock outcrops

Mr. Clark Sperry


- 2 -

October 30, 1990

Further review of a well and septic system plan for purposes of obtaining building permits on this property would require that these concerns be addressed.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,



Craig Williams, Director  
Water and Sewerage Program

CW:jr

cc: Peter Gallerizzo  
c/o Tracy Schulte

M. "Preliminary plan" means a drawing of a proposed subdivision containing information as required by these regulations for review by the Approving Authority.

N. "Record plat" means a completed drawing of the subdivision which contains all pertinent information required by these regulations and any other data necessary for recording plats.

O. "Soil survey" means the scientific inventory consisting of soil maps, soil unit descriptions, classification in the National System, and interpretations for use, as conducted by the National Cooperative Soil Survey by the U.S. Department of Agriculture, Soil Conservation Service, in cooperation with the Maryland Agricultural Experiment Station.

P. "Subdivision" means the division of a single tract, tracts, or other parcels of land, or a part of it, into two or more lots, for the purpose, whether immediate or future, of sale or of building development. Subdivision includes a change in street lines or lot lines, unless the Approving Authority determines that the change will not adversely affect the safety and adequacy of well sites or sewage disposal areas of the subject lot or adjacent lots. However, division of land for agricultural purposes into parcels of more than 3 acres, not involving any new street or easement of access, may not be included within the meaning of "subdivision".

#### **.02 Submission of Plans and Procedures for Securing Approval.**

A. Any developer or subdivider contemplating the subdivision of land, before preparation of a preliminary plan, may request a review by the Approving Authority and other agencies having jurisdiction to secure information concerning general requirements in the area in which the proposed subdivision is to be located. If individual water supply or individual sewerage systems are contemplated, rejection or tentative approval may be secured at this time by submitting a boundary plat of the proposed subdivision and by drilling test wells and performing soil percolation tests on the entire tract in the numbers and at the locations as the Approving Authority may require, but not less than one percolation test per acre. The soil percolation tests should be performed only at the time of year when the highest water table can be expected as indicated for a given area by the soil survey. The results of the percolation tests shall be considered along with available data on the general topography, soil classifications, surface and subsurface drainage conditions, elevation of the water table, the history of failures

D. EXEMPT DIVISIONS FOR RESIDENTIAL OR AGRICULTURAL PURPOSES

A division of a parcel of land to provide for conveyance to an adjoining and contiguous property, provided, however:

1. That any land so conveyed shall be considered as having been merged into and become a part of the adjoining and contiguous property;

2. The remaining land shall not be in conflict with the Zoning Regulations;

3. Said parcel shall not have been within a previously recorded subdivision for the land conveyed or the property enlarged. Recorded subdivisions shall refer to those approved by the Howard County Planning Commission prior to March 12, 1969, and those approved by the Office of Planning and Zoning since that date;

4. That the conveyance does not disturb any existing or previously approved private sewage disposal system(s) or private water supply system(s). Any remaining parcel shall conform to the standards of the Code of Maryland Regulations (Comar 10,17,02 and 10,17,03).

(Amended by County Council Bill No. 17 - 6/7/87)

Such division of a parcel of land in accordance with the above conditions shall not be required to comply with any provision of these Regulations and may be deeded.



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## HOWARD COUNTY HEALTH DEPARTMENT

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

January 8, 1991

*Reply to:*

Mr. Pete Gallerizo  
c/o Tracy, Schulte and Associates, Inc.  
8480 Baltimore National Pike  
Ellicott City, Maryland 21043

RE: Percolation Certificate Plat  
"Wellington North"  
Union Chapel Road  
Tax Map: 14 Parcels: 72 & 147

Dear Mr. Gallerizo:

On December 27, 1990, we met to discuss the submitted percolation certification plat for the above referenced property. This meeting was a follow-up to our October 29, 1990 discussion about this property.

After considerable conversation about the technicalities of whether or not the treatment of these two properties constituted "subdivision" as defined by Maryland Regulation (COMAR 26.04.03), it was agreed that the fundamental concern was actually about the relationship of proposed well sites to the sewage disposal areas.

Alternative well sites near the southeast corner of the property were considered most likely to resolve our concerns about Parcel 72. It was requested that a new proposal be submitted, reflecting this location. Once our concerns are resolved regarding Parcel 72, we can turn our attention to Parcel 147.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

Craig Williams, Director  
Water and Sewerage Program

CW:jr

cc: Mr. Clark Sperry

File

Bureau of Environmental Health

3525 Ellicott Mills Drive Ellicott City, Maryland 21043-4544

Director 461-9956 Water and Sewerage, Permits 461-9933 Community Environmental Health 461-9944  
Technical Services 461-9955

Wellington North Parcel 72  
14880 Union Chapel Road

2-11-93

2:45-3:15 pm

Septic contractor: Mr. Ashby—

Ashby Building Company, Inc.  
Gary Peters - Tidewater Homes

Discussed boundaries of SDA w/ Ashby. Agreed to allow base of highest trench at 5.0 feet below grade. Owner wants to avoid pumped septic system.

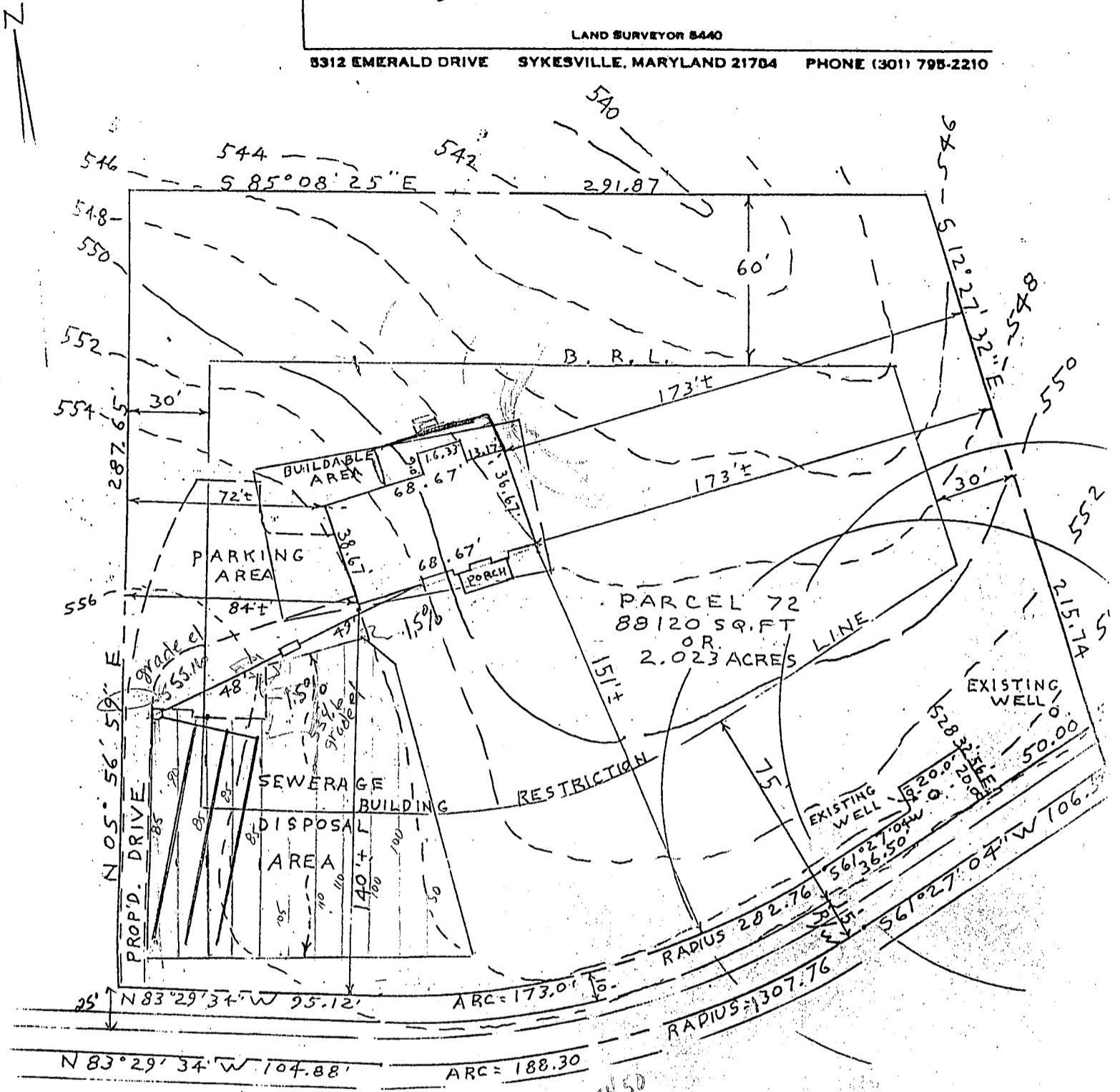
May be able to reroute inside plumbing to come out of the wall at 554.56 (1ft lower than building permit shows). Otherwise may request appeal with C. Williams for a deeper system.

Cautioned Ashby and builder to stay 10 feet off old abandoned well w/ trenches as shown on percolation certification plan. Well is about 4ft below original grade. JENodeau

*William E. Doyle*

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



**PLOT PLAN**

EXIST, GRN. AT DISTR. BOX	556.20	555.12
INV. IN DISTR. BOX	553.70	552.25
INV. OUT OF SEPTIC TANK	554.42	
INV. INTO SEPTIC TANK	554.82	552.15
INV. OUT OF DWELLING	555.56	553.17
FIRST FLOOR ELEV.	556.00	
CELLAR ELEV.	546.15	
WELL ELEV.	554.10	
NO. OF BEDROOMS	4	
ACREAGE	2.023	ACRES

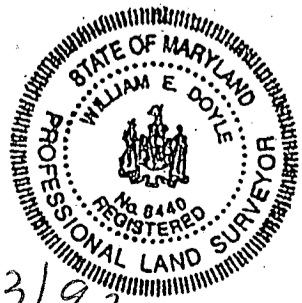
PARCEL 72, UNION CHAPEL ROAD  
 PROPERTY OF  
 SECURITY DEVELOPMENT CORP.  
 LIBER 2300, FOLIO 360  
 ELECTION DISTRICT 4  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50'  
 DRAWN: JUNE 19, 1992

WELLINGTON NORTH

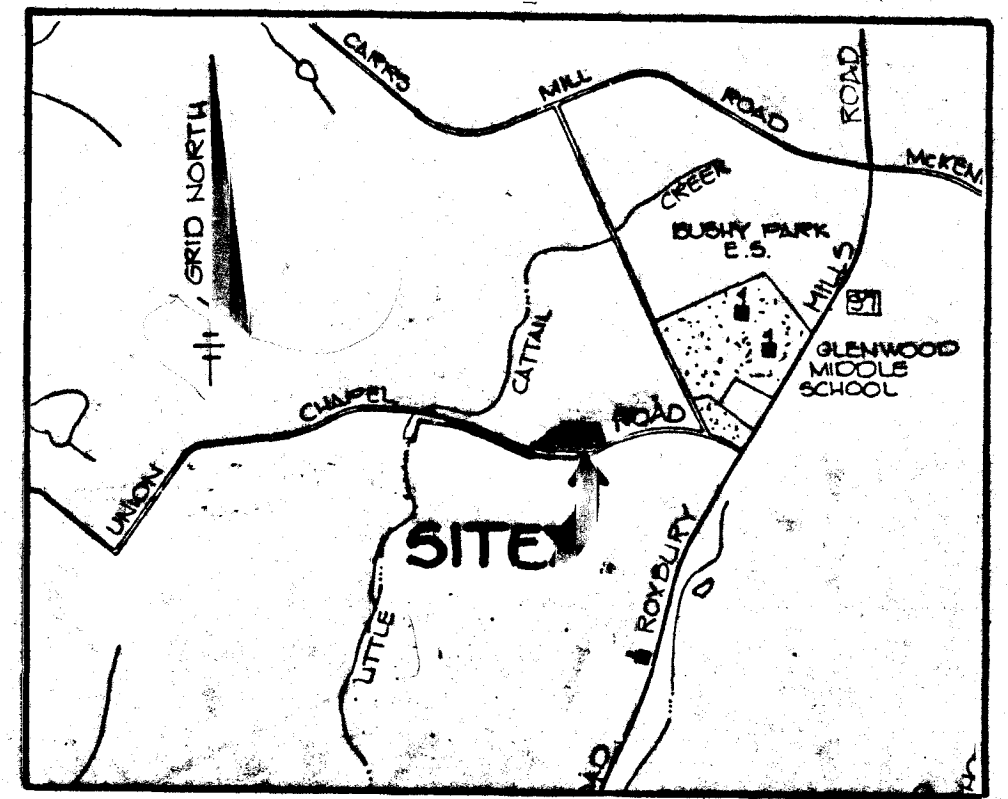
I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

signed *William E. Doyle*

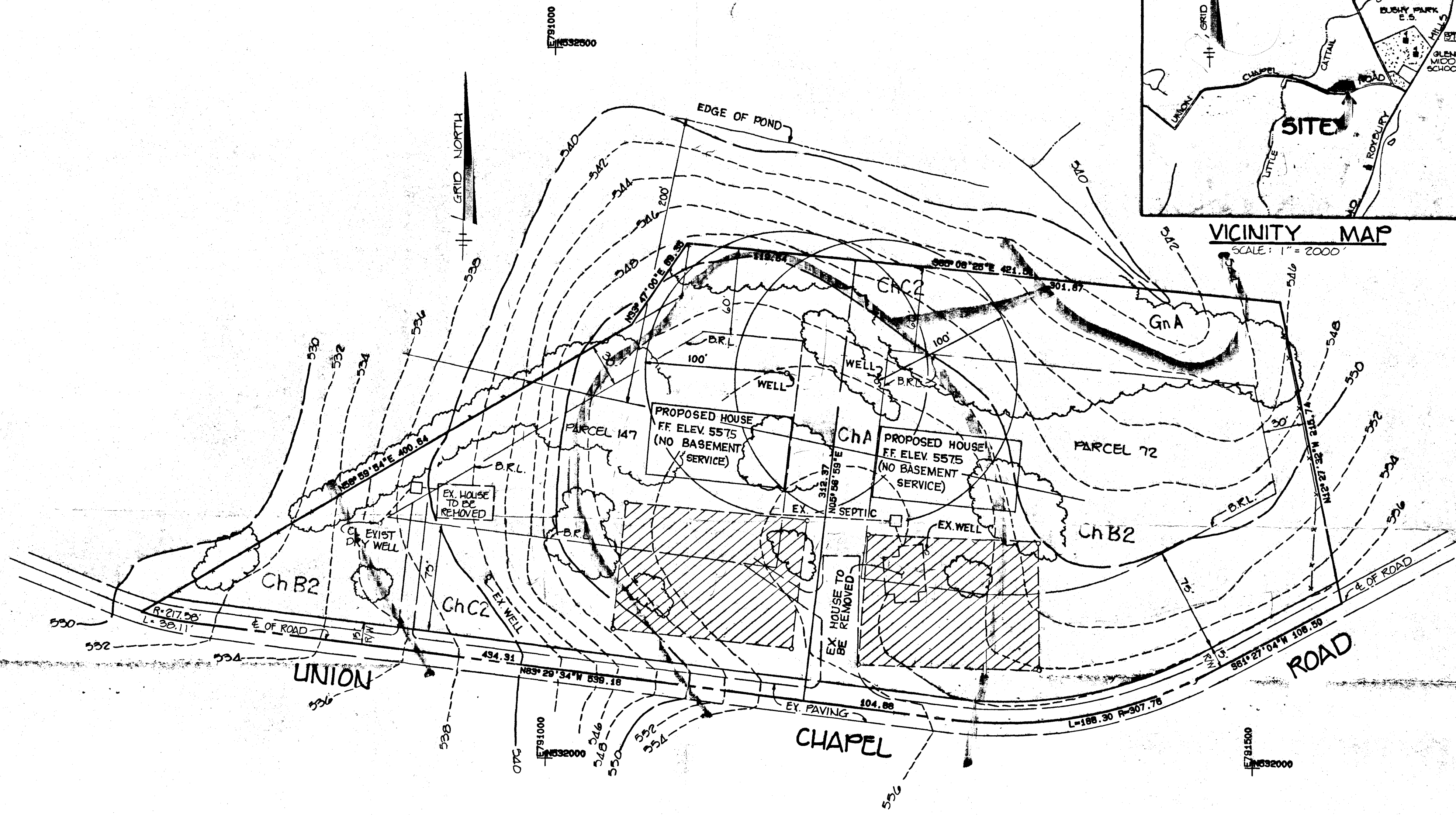
NOTE: CONTOURS ARE FROM PLOT PLAN PREPARED BY, TSA GROUP INC, 8480 BALTIMORE NATIONAL PIKE, ELLICOTT CITY, MD, 21043



7/23/92  
 PLANS OK  
 BP 44648  
*B. J. Hodger*



VICINITY MAP  
SCALE: 1" = 2000'



Unsigned - save  
Shows old house, well and  
septic locations, DEN 7-6-92  
HEALTH DEPARTMENT  
PRIVATE WATER & SEWER PLAN

WELLINGTON NORTH  
PROPERTY OF  
SECURITY DEVELOPMENT CORP.  
TAX MAP NO. 14 PARCEL NOS 72+147  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MD.  
SCALE: 1" = 50' DATE: 3/13/90

TRACY, SCHULTE AND ASSOCIATES INC.  
8480 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND. 21043  
(301)-465-6105

B 1 **00748** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 APPLICATION FOR PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-92-0102**  
 fill in this form completely

Date Received (APA) **061592**  
**OWNER INFORMATION**  
**CLARK ASSOCIATES**  
 Last Name Owner First Name  
**PO BOX 1710**  
 Street or RFD  
**ELLENDALE** **MD 21043**  
 Town State Zip

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**WELINGTON NORTH** SUBDIVISION  
 SECTION **72** LOT **72**  
**CLENDON** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1 MI**

**DRILLER INFORMATION**  
**Joseph L. Mayne** License No. **238**  
**Joseph L. Mayne Well Drilling** Firm Name  
**5512 Ridge Rd. N.W. Hwy 217** Address  
**Joseph L. Mayne 6/12/92** Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD **Union Chapel Rd.**  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 DISTANCE FROM ROAD **35** ENTER FT or MI **FT**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** COUNTY NAME  
**A41024** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
 DATE ISSUED **062292** **A. Madem** **12-22-92**  
 NORTH GRID **532060** EAST GRID **0791000**

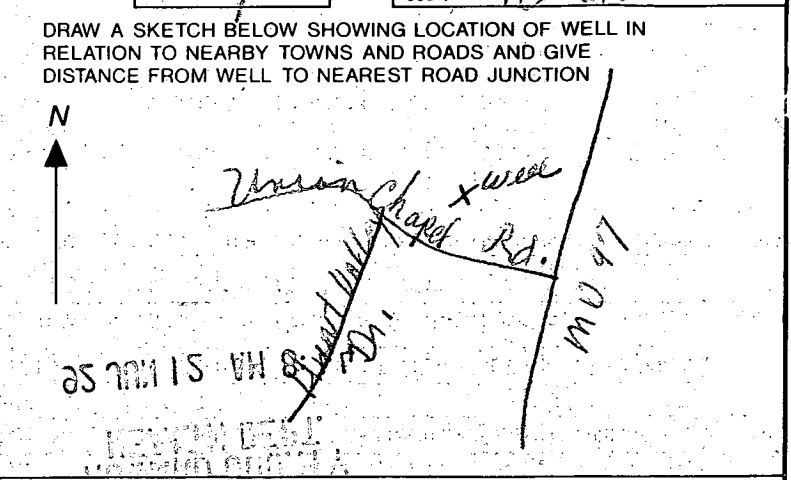
APPROXIMATE DEPTH OF WELL **200** FEET

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 \_\_\_\_\_

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 **790**  
 N **530 2**

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)  
 APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **JN** WRITE INITIALS IN BOX PERMIT No. **HO-92-0102**

SPECIAL CONDITIONS

COUNTY  
 RECEIVED  
 Glenwood

C1 6831 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 1146024

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 062592

Depth of Well 1857 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-72-0102

OWNER Clark & Associates last name first name TOWN Glenwood SUBDIVISION Wellington North SECTION LOT 72

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND Stone 0 40, Gypsum Rock 40 185.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 12 NO. OF POUNDS 1138

CASING RECORD casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 45

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

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

Table with columns: EACH SCREEN, DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN. Includes handwritten entries: H-O 43, 185.

CIRCLE APPROPRIATE LETTER 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...

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

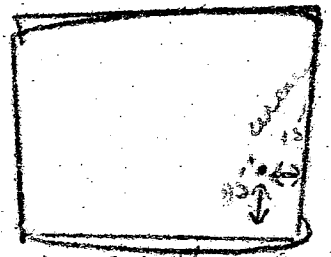
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 11 WHEN PUMPING 11 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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)



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 C SZABEL Telephone 938 2975  
15039 ORCHARD RD NEW WINDSOR MD 21776  
 License Number \_\_\_\_\_ Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner Tom Tozzini Telephone \_\_\_\_\_  
 Subdivision WELINGTON Lot # 2 Well Tag # HO-92-0102  
 Site Address 14880 UNION CHAPEL RD

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
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 _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected 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: \_\_\_\_\_

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

2/14/93 - WPI OK TO COVER BUT PLUMBER NEEDS TO GET A PERMIT RH

HD-215

WELL ABANDONMENT REPORT

Date 3/25/91

Permit Number of abandoned well (if any)

*no tag*

--	--	--	--	--	--	--	--

Driller's Name Mayne Joseph  
Last First

Owner's Name G/C Builders  
Last First

Well Location:

County Howard  
Subdivision Wellington North  
Section \_\_\_\_\_ Lot Parcel 72  
Nearest Town Alemwood  
Maryland Grid Location \_\_\_\_\_

Box Number E 790  
N 530

	0/5
X	0/0

Show well location by within box

Type of Well

- Drilled
- Jetted
- Bored or Augered
- Other, specify \_\_\_\_\_

Depth of Well 80 Feet

Type of Casing

- Steel
- Plastic
- Concrete
- Other, specify \_\_\_\_\_

Size of Casing 5 5/8 Inches

Was any case removed  Yes  No  
if yes amount removed \_\_\_\_\_ (feet)

Was casing ripped or perforated  Yes  No

Log of Sealing Material

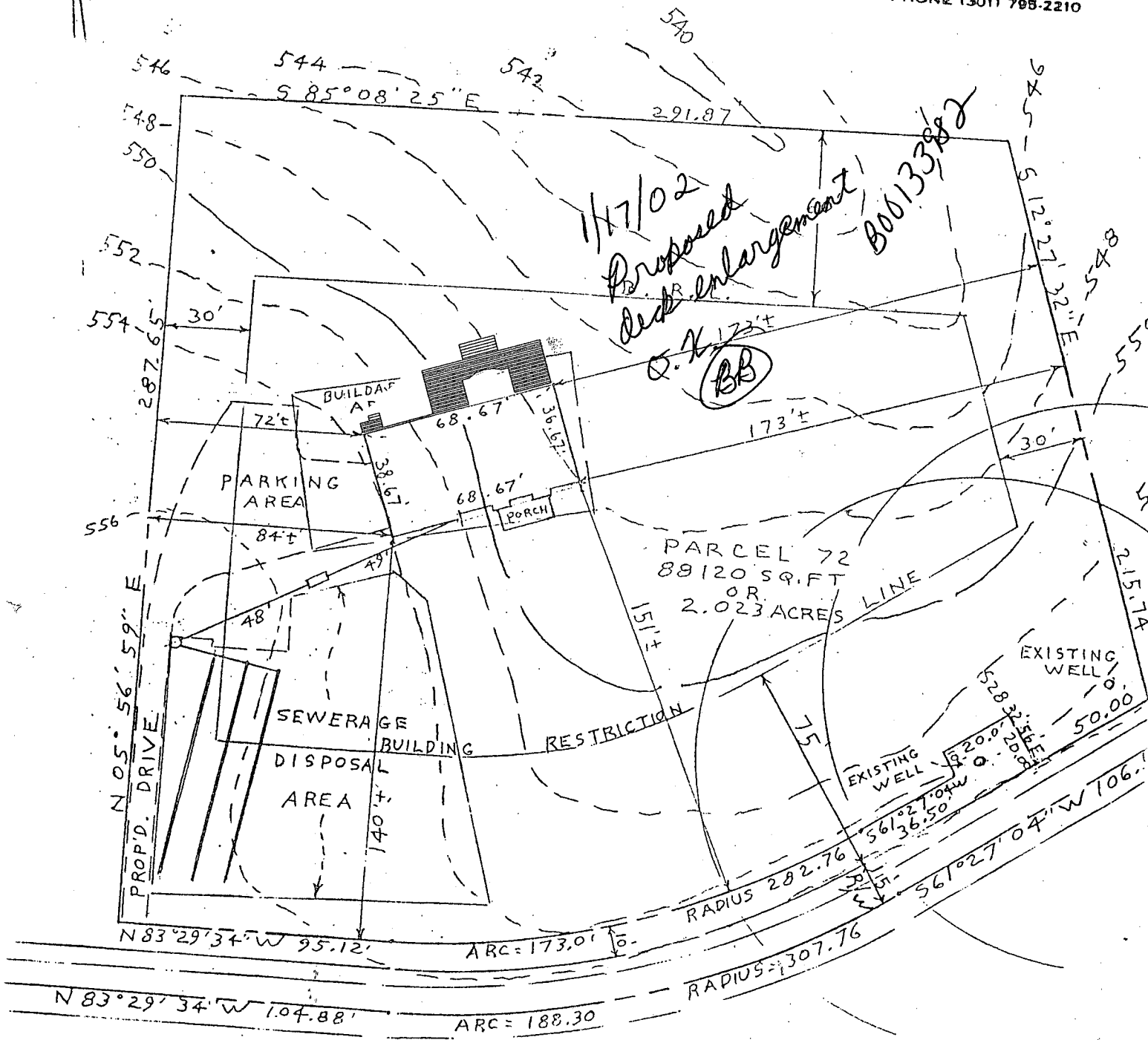
Material	feet	
	From	To
Cement & gravel	0	80
	556	20
	553	74
	250	

LIC 238  
*Joseph Mayne*

William E. Doyle

Exhibit B

LAND SURVEYOR 8440  
 9312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



EXIST, GRN. AT DISTR. BOX	556.20
INV. IN DISTR. BOX	553.70
INV. OUT OF SEPTIC TANK	554.42
INV. INTO SEPTIC TANK	554.82
INV. OUT OF DWELLING	555.56
FIRST FLOOR ELEV.	556.00
CELLAR ELEV.	546.15
WELL ELEV.	554.10
NO. OF BEDROOMS	4
ACREAGE	2.023 ACRES

**PLOT PLAN**  
 PARCEL 72, UNION CHAPEL ROAD  
 PROPERTY OF  
 SECURITY DEVELOPMENT CORP  
 LIBER 2300, FOLIO 360  
 ELECTION DISTRICT 4  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50'  
 DRAWN: JUNE 19, 1992

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

signed William E. Doyle

NOTE: CONTOURS ARE FROM PLOT PLAN PREPARED BY, TSA GROUP INC, 8480 BALTIMORE NATIONAL PIKE, ELLICOTT CITY, MD, 21043

