

3/14/90
3/15/90

TAX# 04348044 *File*

3/14 (1) P.C.O. C.B.A.

PERMIT

P. 45681

SEWAGE DISPOSAL SYSTEM

A. 40353

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 3/1/90

DATE SYSTEM APPROVED 3/15/90

INDEXED

INSPECTOR C. B. B.

C. S. Zabel, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 15039 Oak Orchard Road, New Windsor, MD 21776 PHONE

SUBDIVISION Saddlebrook ROAD 14012 Triadelphia RD. LOT 3

PROPERTY OWNER Cross Development Co., Inc.

ADDRESS

*** FROM EXISTING PLUMBING, INSTALL SYSTEM AS CLOSE TO SPECIFIED LOCATION AS CAN BE ACHIEVED BY GRAVITY FLOW. SECOND TANK CAN BE CONVERTED TO PUMP PIT TO REACH HIGHER GROUND, IF NEEDED FOR FUTURE REPAIR.

INSTALL: 4 Bedrooms / Zabel Hts 3/14/90
1250 Gallons and 1000 Gallons tanks in series.

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 2.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Beginning from the rear left corner near the well, place the first trench 115 feet down the left (268.95") lot line and 125 feet off the same lot line as seen when facing the lot from Triadelphia Road. Run trench on contour toward the right side.

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

PLANS APPROVED BY C. Williams DATE 3/12/90

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 TWO YEARS

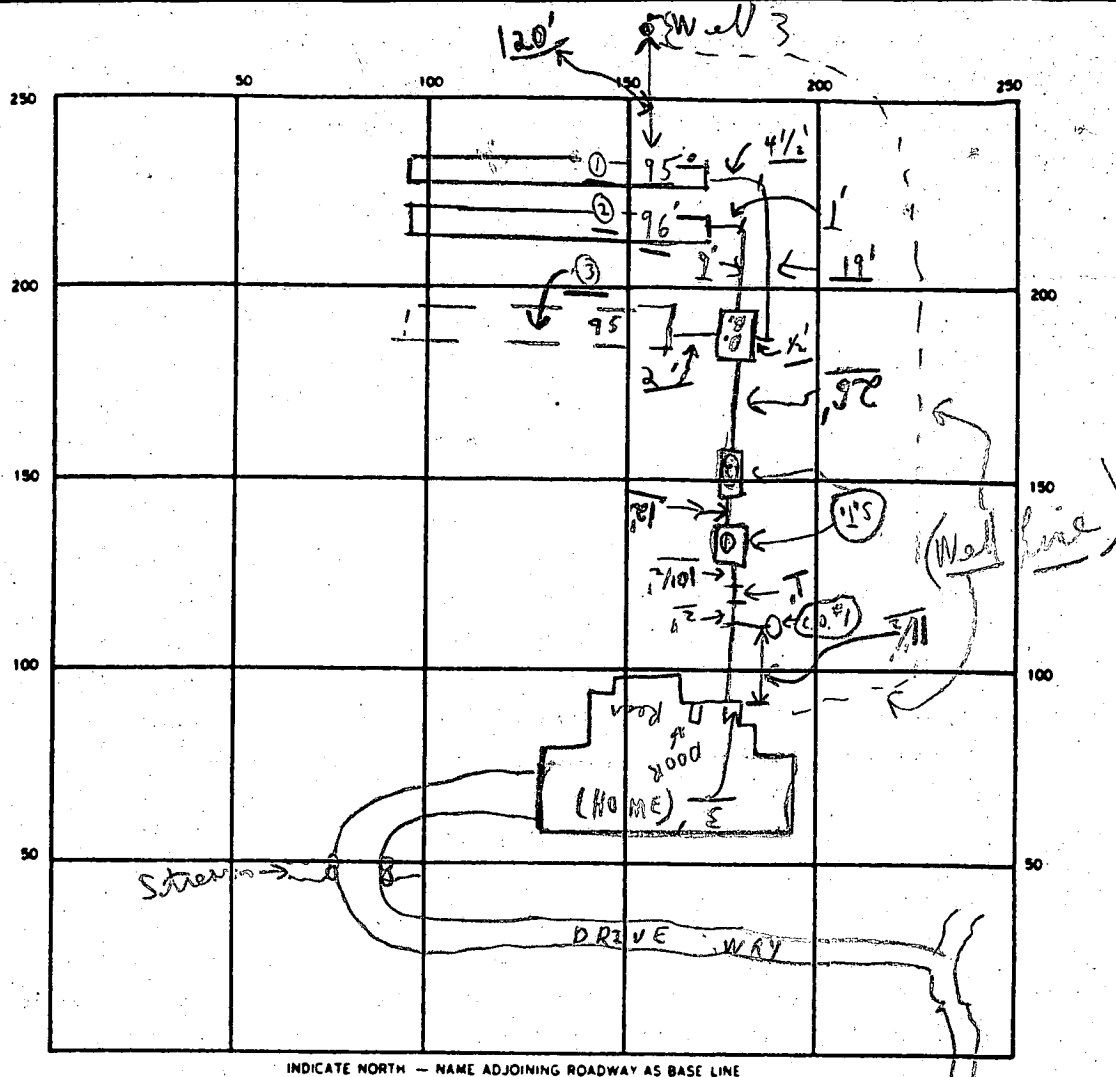
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

40353



SEPTIC TANK LEVEL 2 (OK) CLEANOUTS OK S.T. #1 OK S.T. #2 OK 3/14-20 OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TILE FIELD DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 95 FT. 96 FT. 95 FT. Need 280

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA SO FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS 3/14/90 Partial; ok. to cover from house to 2nd septic tank; ok. to cover = 1 trench only; 3/15/90 A.M. Final

APPROVED 3/15/90 W.P.I. - NOT READY C.B.

DATE SYSTEM APPROVED 3/15/90 INSPECTOR Charles Bryan Smith

APPLICATION

PERCOLATION TESTING

A 40383

P _____

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

DISTRICT 5TH

DATE 10/26/87

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 Crosen Development Co., Inc.

ADDRESS 3775 Shady Lane Glenwood, MD 21738 PHONE (301) 854-6655

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 3

ROAD AND DESCRIPTION 14012
44008 Tridelphia Rd. in Glenelg, MD

TAX MAP 21 & 22 PARCEL # 49

SIZE OF LOT 3.3 acres TYPE BLDG. new Single-family 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. Donald O. Crosen
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Standard Lench DATE 10-4-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

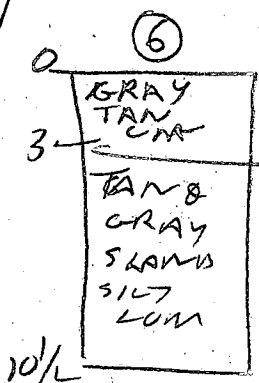
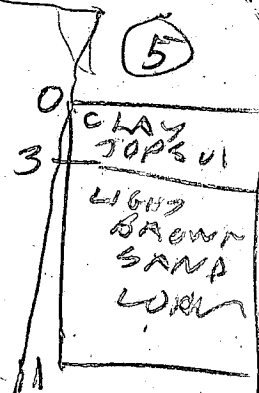
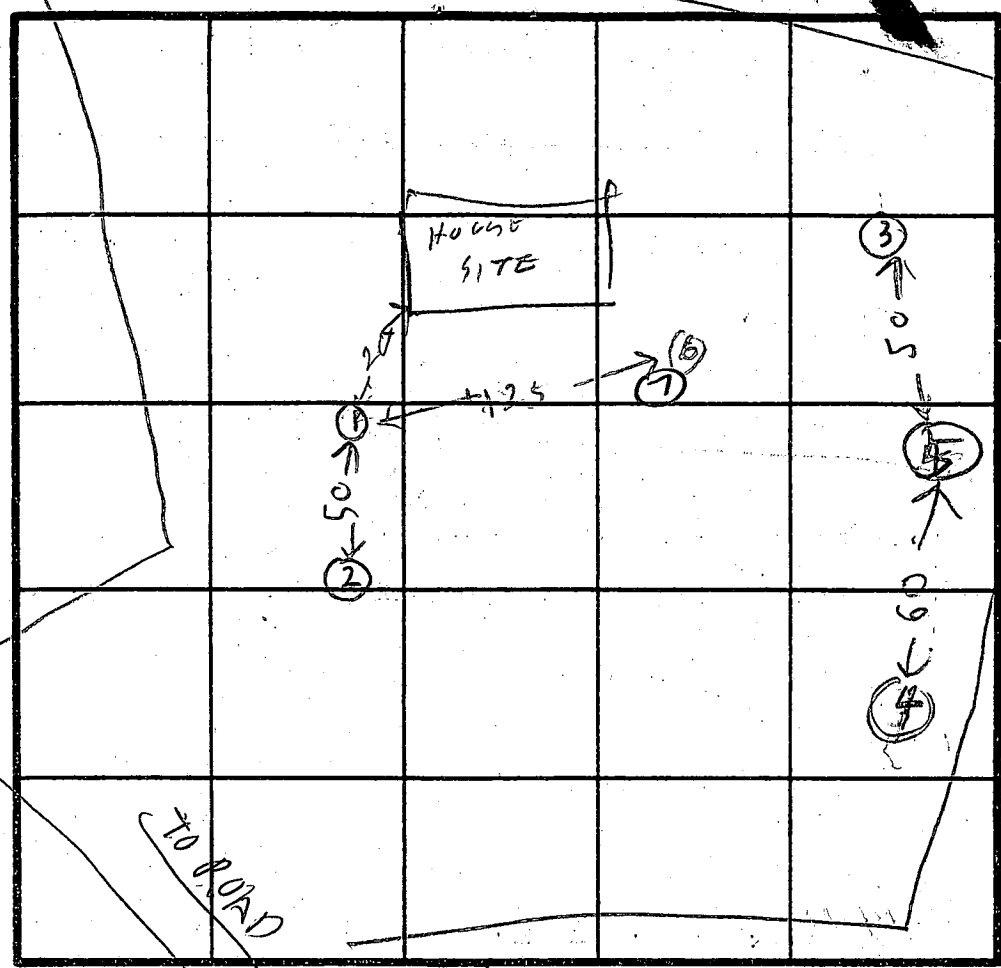
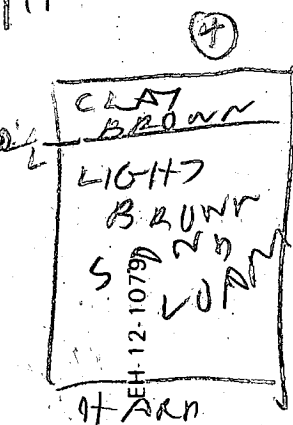
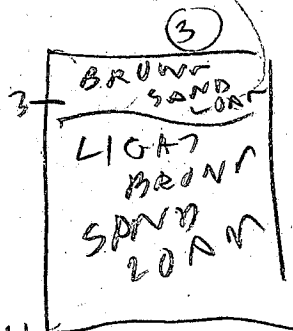
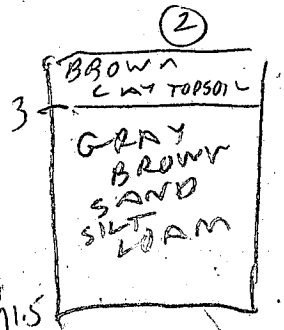
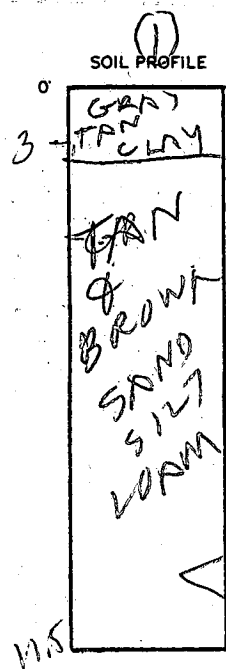
REASONS FOR REJECTION OR HOLDING 11/24/87 - PERC OK HOLD FOR PLAT R. HODGES

10/4/88 DO NOT Change specifications for septic system; Doubtful lot should
have been approved until wet season. Sid Abel BLDG. PERMIT SIGNED
AND RETURNED 6-20-89

THIS IS NOT A PERMIT

6B 2702
8A

replant



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/24/87	1S	4	1032	1134	1134	1042	8
	1D	8	1032	1034	1034	1041	7
11 "	1V	11.5	OK				
11 "	2S	4.5	1032	1037	1037	1040	3
	2V	11.5	OK				
11 "	3S	3	1045	1054	1054	1106	12
	3V	11	OK				
11 "	4S	12.5	1047	1048	1048	1050	2
	4V	10.5	OK				
11 "	5V	11	OK				
11 "	6V	10 1/2	OK				
3/12/90	7	12	VIS OK	4-12	GRAY SAND		
			LOCATION AT CENTER OF HIGH		EDGE OF SEPTIC FIELD		

HOLE ELEVATION

① ③ HIGH
② ⑥ MED
④ LOW
210 #1BR
INLET 2.5
BOTTOM 4.5
2' stone
S. A.
OK TO
INSTALL
TO 6'
3/12/90
Cutter

REMARKS Holer ① ② ③ ⑤ ④ digger survey on stake ④ ⑥ dug differently

TYPE OF SOIL GRAY SAND

TESTED BY R. HODGES

ALSO PRESENT SKIP & ROCKY
CL 6 SAT

C1 0574 SEQUENCE NO. (DENV USE ONLY)

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 # 40353

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

10/1/88

22 365 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37
H0-88-0221

OWNER CROSEN DEVELOPMENT
STREET OR RFD last name TRIEDELPHIA ROAD first name TOWN GLENELG
SUBDIVISION SADDLE BROOK SECTION LOT 3

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

SAND

GRAY MICH
ROCK

0 104

104 365

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes Y no N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 17 NO. OF POUNDS 1598

GALLONS OF WATER 102

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 CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

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

5 6 110

OTHER CASING (if used)

diameter depth (feet)
inch from to

EACH CASING

screen type
or open hole
insert
appropriate
code
below

SCREEN RECORD
ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OT OTHER

C2

DEPTH (nearest ft.)

1 40 108 365
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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
70 72 74 75 76

TELESCOPE LOG OTHER DATA
CASING INDICATOR

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 10

WHEN PUMPING 225

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) 31 35

PUMP HORSE POWER 37 41

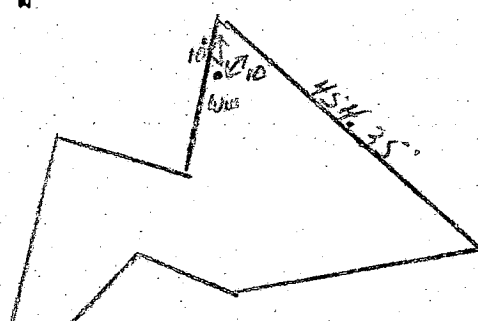
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box
and enter casing height)

+ above LAND SURFACE (nearest foot)
- below 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)



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

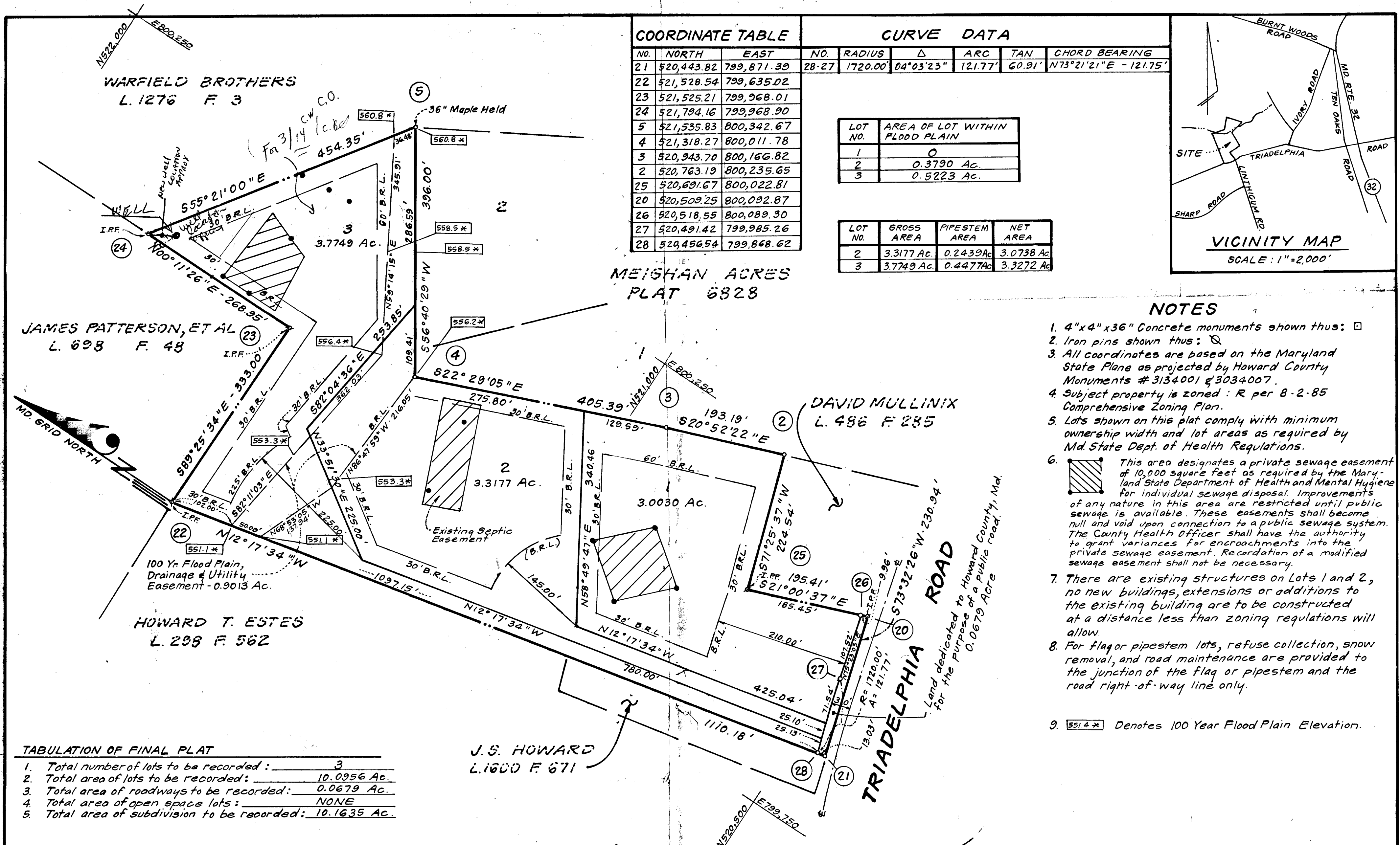
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"
AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION
PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238

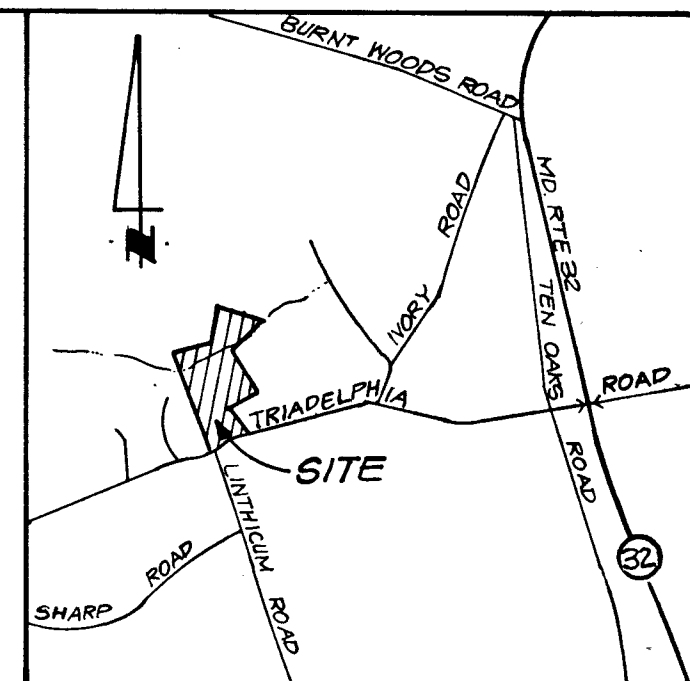
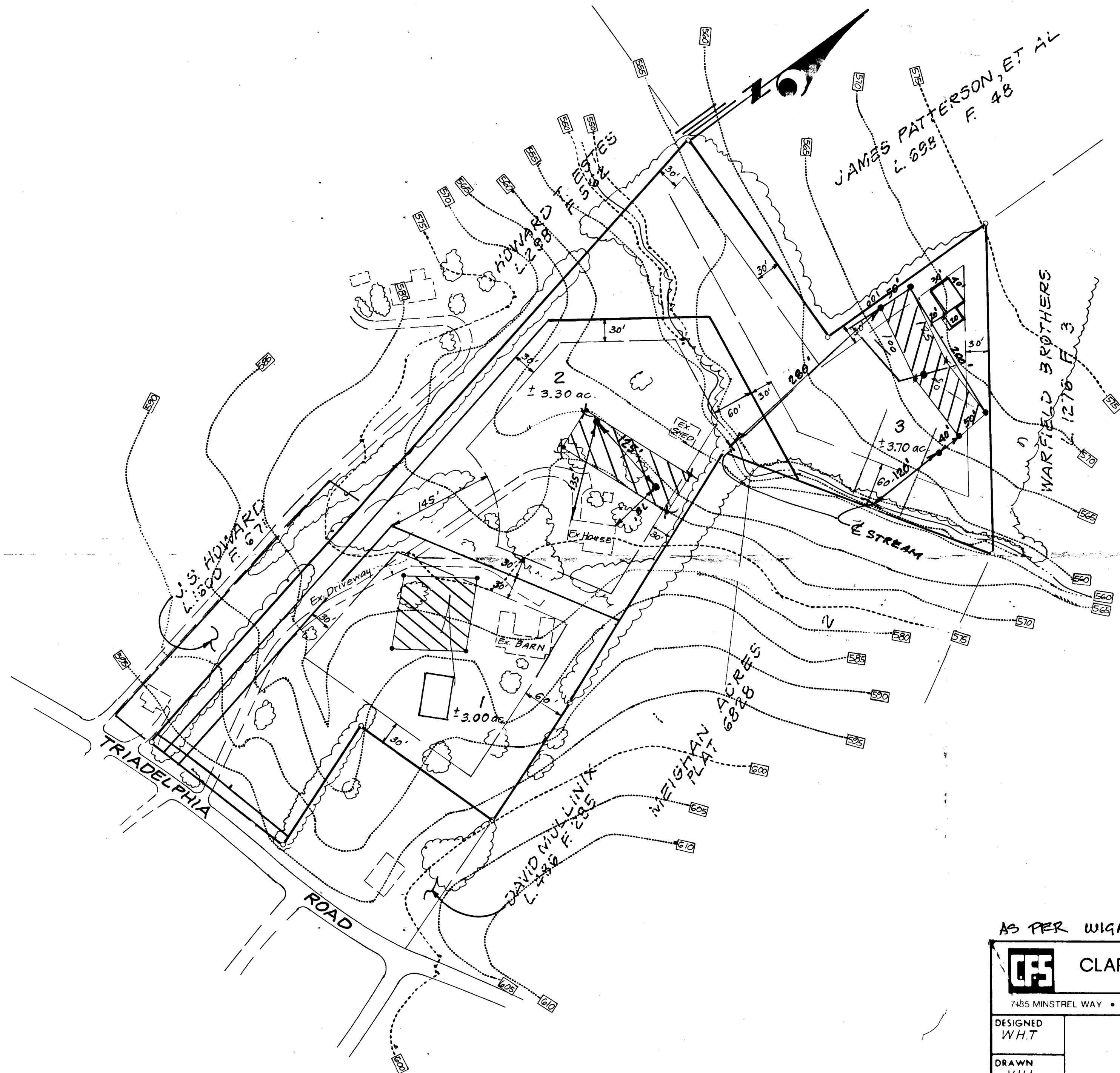
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

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

B 1 7871 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (DP. USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <small>please print or type</small>	STATE PERMIT NUMBER HO-88-0221 <small>fill in this form completely.</small>
Date Received (APA) 10 93 88		LOCATION OF WELL 8 COUNTY HOWARD 23 SUBDIVISION SHODDLEBROOK SECTION 44 LOT 3 52 NEAREST TOWN GLENELG MILES FROM TOWN (enter 0 if in town) 0 MI	
OWNER INFORMATION 15 Last Name CRONIN Owner DEVEKOPAEUT First Name UT 36 Street or RFD 271255 HALLV LANE 57 Town BLANCKENHURST 70 State 72 Zip 2121738		DRILLER INFORMATION Driller's Name Joseph L. Mayne 77 License No. 238 Firm Name Joseph L. Mayne Well Drilling Address 5512 PINE L.D. HT. HT. 2111 Signature Joseph L. Mayne Date 10/11/88	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NEAR WHAT ROAD Shodder Road ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 1200 FT or MI FT	
APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A-40353 STATE SIGNATURE _____ DATE ISSUED 10 11 88 CO SIGNATURE S.L. Mayne EXP. DATE CRD 04-03-89 NORTH GRID 520000 EAST GRID 079900	
METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> 30 AIR-ROTary <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> 37 CABLE <input type="checkbox"/> REVERSE-ROTary <input type="checkbox"/> DRIVE-POINT <input type="checkbox"/> 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 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY)			
APPROP. PERMIT NUMBER _____ GAP _____			
FORCE <input checked="" type="checkbox"/> WRITE INITIALS IN BOX PERMIT No. HO-88-0221			
SPECIAL CONDITIONS			



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT. <i>Joseph Zander</i> 7-20-88 COUNTY HEALTH OFFICER DATE		OWNER'S DEDICATION We, Crosen Development Co., Inc., owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this Final Plat by the Office of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street right of ways and the specific easement areas shown hereon; (2) the right to require dedication for public use the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable; (3) the right to require dedication of waterways and drainage easements for the specific purpose of their construction, repair and maintenance; and (4) that no building or similar structure of any kind shall be erected on or over the said easements and rights of ways. Witness my hand this 11 th day of January, 1988.		SURVEYOR'S CERTIFICATE I hereby certify that the Final Plat shown hereon is correct; that it is a subdivision of part of the land conveyed by Allen C. Minor and Brenda L. Minor to Crosen Development Co., Inc. by a deed dated January 4, 1988 and recorded among the Land Records of Howard County, Maryland in Liber 1772 at Folio 454, (Re-recorded to correct the state of incorporation on June 13, 1988 in Liber 1835 at Folio 239) and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland as amended. Date <i>Jan. 11, 1988</i> Donald B. Sackett Registered Land Surveyor Md. No. 6059		RECORDED AS PLAT 8006 ON 8-17-88, AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND. SADDLE BROOK LOTS 1 THRU 3 TAX MAP N° 21 PARCEL N° 49 SHEET 1 OF 1 4TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND SCALE: 1"=100' JANUARY, 1988 CLARK, FINEFROCK & SACKETT, INC. ENGINEERS, PLANNERS, SURVEYORS 7135 MINSTREL WAY COLUMBIA, MD. 21045 87-135-R	
APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. <i>William W. Williams</i> 8-19-88 DIRECTOR DATE		Attest <i>Paul Clark</i> Crosen Development Co., Inc. By <i>Donald O. Crosen</i> President					



VICINITY MAP
Scale: 1" = 2000'

AS PER WIGAND H. THEIMER 381-7500



CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

7485 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH

DESIGNED W.H.T.	SKETCH PLAN LOTS 1 THRU 3 TAX MAP # 21 PARCEL # 49 SADDLEBROOK 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 100'
DRAWN V.H.L. V.L.M.		DRAWING 1 of 1
CHECKED W.H.T.		JOB NO. 87-135
DATE 1-12-88		FILE NO. 87-135

FOR: DONALD CROSEN
3775 Shady Lane
Glenwood, MD. 21738

Copy of orig. sent for
signature 7-15-88
TH