

Tax ID - 04 - 329457

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48930

A 42452

DISTRICT 4th

DATE 2/9/93

DATE SYSTEM APPROVED 2/9/93

INSPECTOR C. B. D.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
X4610933 313-2640

INDEXED

Mid Maryland Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 301-834-7038

SUBDIVISION Tarr Property LOT 1 ROAD 2911 Duvall Road

PROPERTY OWNER Thomas K. Francis Peter DePasquale

BUILDING PERMIT SIGNED

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS 17-1504 B00149451 - DECK W/STOPS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

BLDG. PERMIT SIGNED
~~AND RETURNED~~ 9-5-95
Serial # 61528
Add'l on - Deck

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 200 feet down the left (780.33') lot line and 90 feet off the same lot line as seen when facing the lot from Duvall Road. Run trenches contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OJK 12/29/92 RH

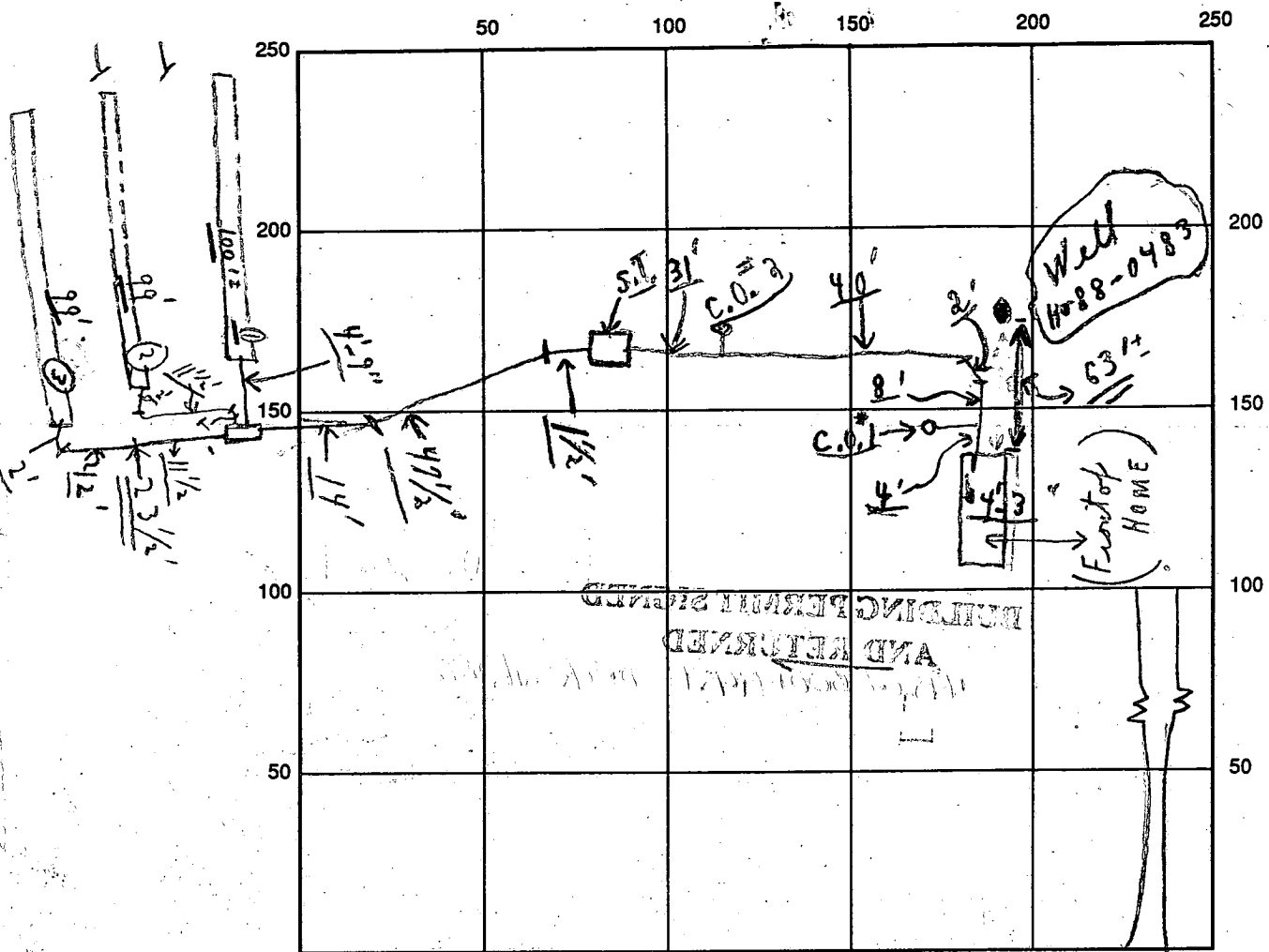
PLANS APPROVED BY Sid ABel DATE 2/08/89

- 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

BLDG. PERMIT SIGNED
~~AND RETURNED~~ 4/22/94
Serial # 53676 - pipe in
gasline for water heater

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

A
48932



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DUVALL RD. #7
C.O., S.T. OK OK OK

SEPTIC TANK LEVEL OK CLEANOUTS OK OK OK (3 ok)

DISTRIBUTION BOX LEVEL OK (Bottle is in)

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

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH #1 100' #2 99' } 298

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 894 SQ. FT.

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

ABSORBENT AREA 894 SQ. FT.

REMARKS: 2/9/93 OK TO COVER ALL WORK AS FINISH AS PER ABOVE - FINAL
(Material on site to finish last trench) C.B.D.

2/9/93 No W.P.I. This date. C.B.D.

DATE SYSTEM APPROVED 2/9/93 INSPECTOR Charles Bryan & Truex

11-25-88
Percolation

APPLICATION

PERCOLATION TESTING

A 42452

P _____

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

DISTRICT 4

DATE 11/15

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 Joseph + Harriet Tarr Thomas K. Francis

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER Robert Zirkle / Mark Reich Wilder Bldg. Corp.

ADDRESS 8307 Main St PHONE 598-0565
461-5100

PROPERTY LOCATION:

NEW

SUBDIVISION Tarr Property LOT NO. 2

ROAD AND DESCRIPTION Duval Rd #2905 Duval Road

TAX MAP 13 PARCEL # 132

SIZE OF LOT 4.878 ± acres TYPE BLDG. SFD
(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. Mark Reich
(SIGNATURE OF APPLICANT)

APPROVED BY Srd Abel FOR Standard Teachers DATE 2-8-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11-25-88 Perc Satisfactory - Hold for PLAT - slight change in

Area needed at time of PLAT.

BLDG. PERMIT SIGNED
AND RETURNED 12/03/88
Serial # 46264 - SFD

HD-216

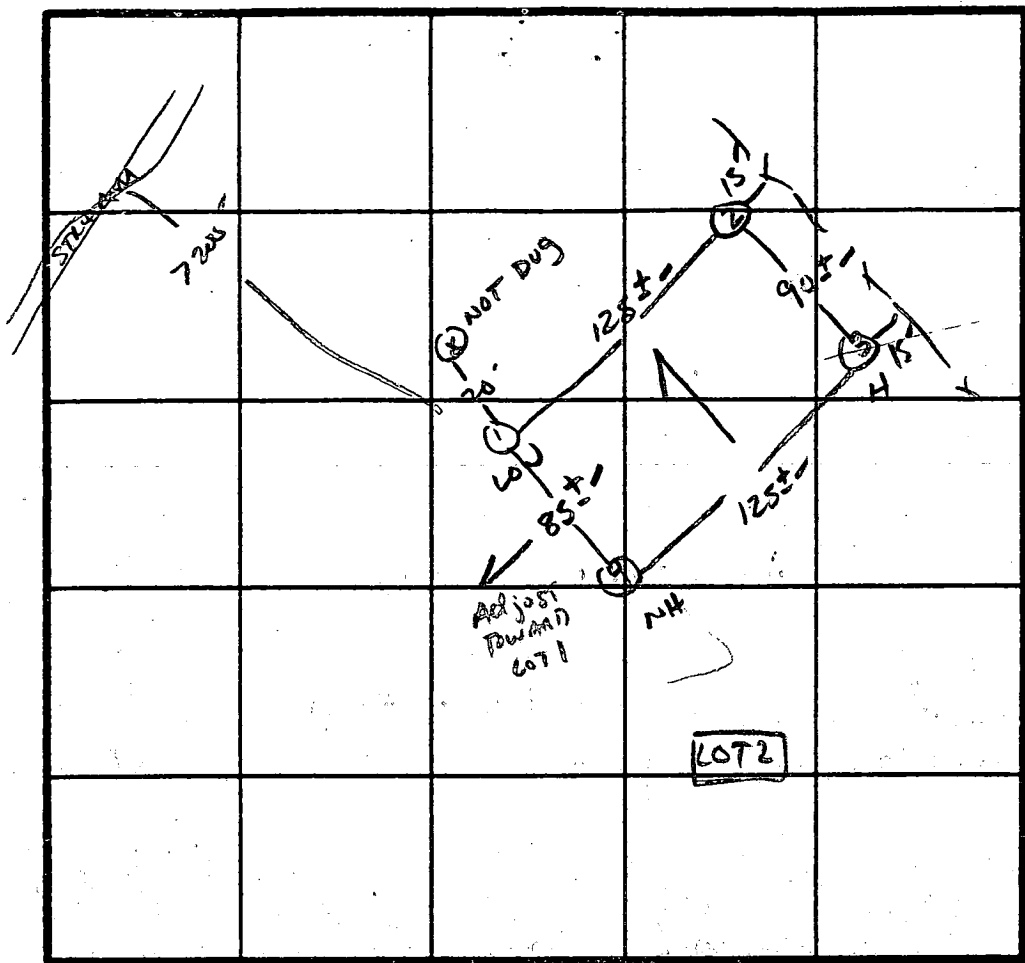
THIS IS NOT A PERMIT

SOIL PROFILE

0'
2"
3'
11"

A1-3
Red Yellow
Silty Clay
20-30%
Frags

Yellow Br
to Red Yellow
Silt loam
25-40%
Frags



X Perc 11 min
210 ALB
INLET 3"
BOTTOM 4.5"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DOVALL Rd.

4"
3"
12"

A1-3
Brown Red
Clay loam
15-25% frags

Yellow Br
silty loam
20-30% frags
1' in to
40-50%
at 11"

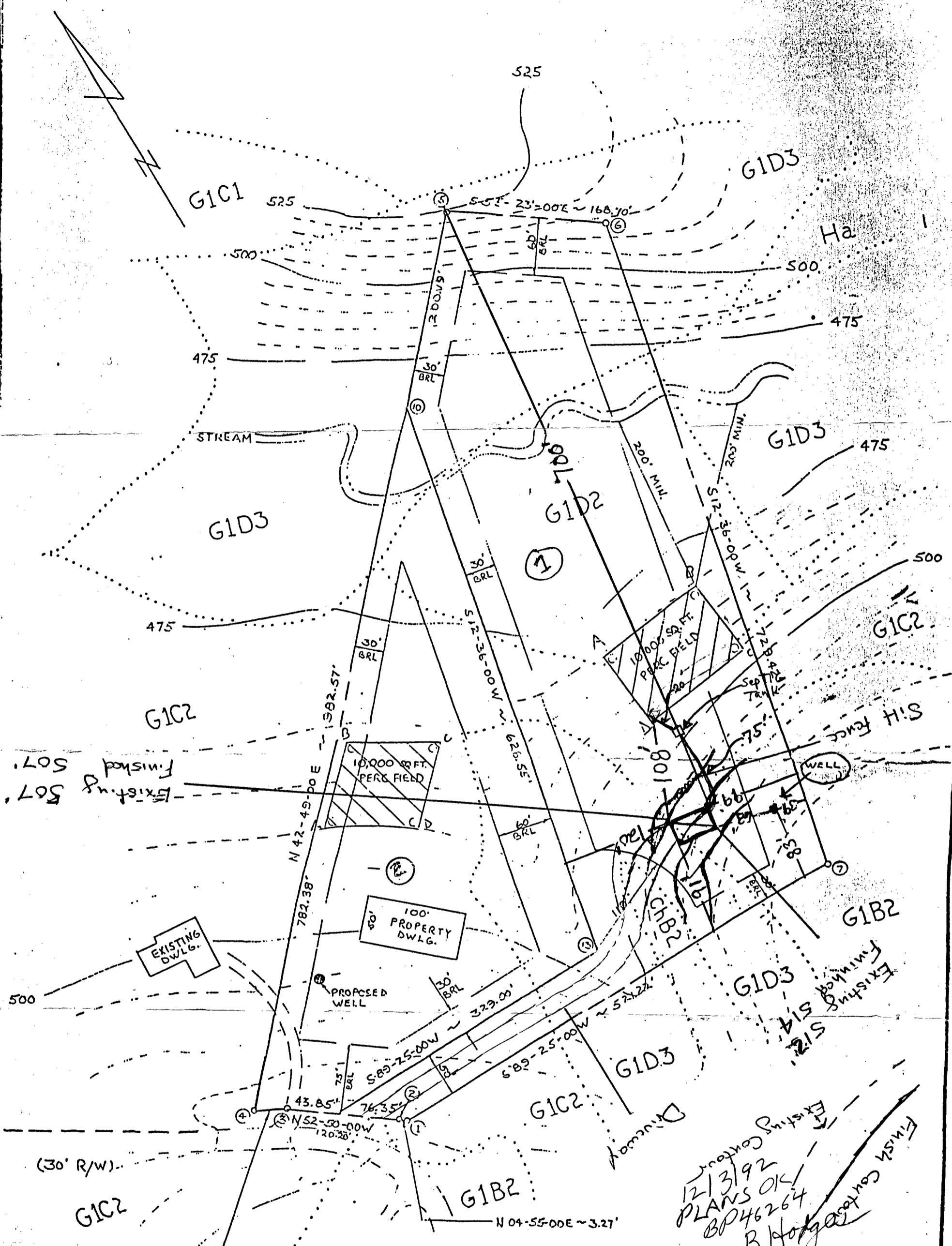
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
11/25/88	1S 1V	3.5' 11"	12:40	12:42	12:42	12:50	8min
	2S 2V	3.5' 12"	12:50	12:56	12:56	1:10	14min
	3S 3V	12"	STRUCTURED SCHIST AT 9"		CLAY TO 3"		
	4S 4M	4.5' 8.0'	1:11 1:20	1:13 1:26	1:13 1:26	1:20 1:39	7min 13min
	4V	12"	similar to #1				

Keep 10Kφ below # 4 in zone of better soils.
REMARKS: Holes slightly diff than peat - shallow syst only

TYPE OF SOIL: MANK/CHESTER

TESTED BY: S Abel

ALSO PRESENT: O.K., DAVE
MARK



TOTAL AREA = 7.880 Ac±
 LOT # ~ 3.002 Ac±
 LOT # ~ 4.878 Ac±

SEPTIC ELEVATION SCHEDULE	
First Floor - 516	Top of Dirt 2in = 502
Basement fl. - 507	AT the Tank 3in = 500
SEWER OUTLET - 506	Top of Septic Area = 495
TANK INLET - 499.5	Box INLET - 492
outlet - 499.2	

PERCOLATION PLAT
 "THE TARR PROPERTY"
 LOT #1 & LOT #2
 TAX MAP #13 ~ PARCEL #132
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' ~ DATE: 11-11-1988

SEE ATTACHED FOR A
 DETAILED DWG OF
 PROPOSED SEPTIC SYSTEM

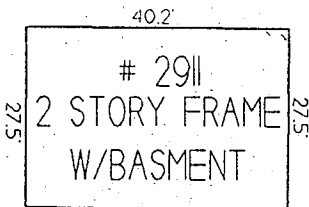
12/31/92
 PLANS OK
 BP46264
 R. H. Hodge

JK7

RANKIN
595/438
P.71



HOUSE DETAIL



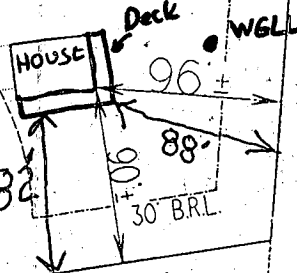
SCALE 1" = 30'

100 YR. FLOOD PLAIN
DRAINAGE & UTILITY ESMT.
PER RECORDED PLAT

APPROXIMATE LOCATION
OF PRIVATE SEWAGE
EASEMENT PER
RECORDED PLAT

LOT 2
~~9-5-95 NO ANTICIPATED IMPACT
TO WELL OR SEPTIC~~
Mark Jones

4.847 AC.



DUVALL ROAD

S.81°07'45"W.

R - 193.35' A - 24.24'

N04°14'42"W 3.27'

N.81°07'45"E.

N.61°59'42"W - 47.89'

324.60'

521.22'

STEWART 634/271
P.91

N.4°08'22"E

729.42'

STEWART 579/354
P.192

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE IMPROVEMENTS
SHOWN HEREON ARE THE RESULT OF ACTUAL
MEASUREMENTS AND THAT UNLESS OTHERWISE
SHOWN THEY DO NOT ENDOUR.

NOTES:

THIS PLAT IS FOR TITLE PURPOSES ONLY.
IT IS NOT TO BE USED FOR PLACING FENCES
OR DETERMINING PROPERTY LINES

NO TITLE REPORT FURNISHED

THOMAS A. MADDOX - REGISTERED PROFESSIONAL
LAND SURVEYOR MD #10850

DATE



LOCATION PLAT

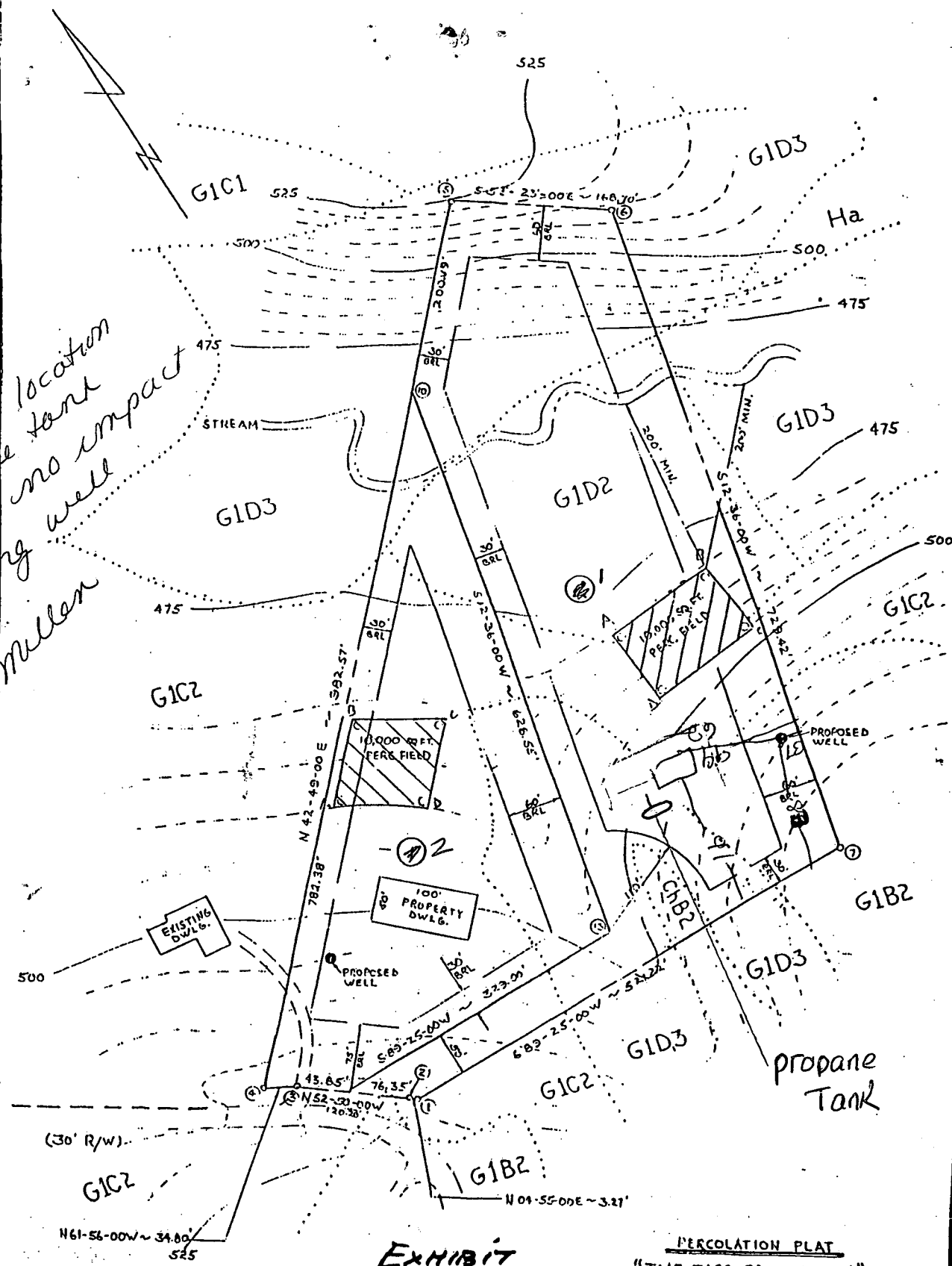
REFERENCE

LOT 1
TARR PROPERTY
ELECTION DISTRICT 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JULY 1994

THOMAS A. MADDOX
PROFESSIONAL LAND SURVEYOR
406 GREEN PASTURE DRIVE
ROCKVILLE, MD 20852
(301) 984-5004

P. 8597

4/22/94
 Proposed location
 of propane tank
 to existing tent
 OR septic well
 A. McMullen



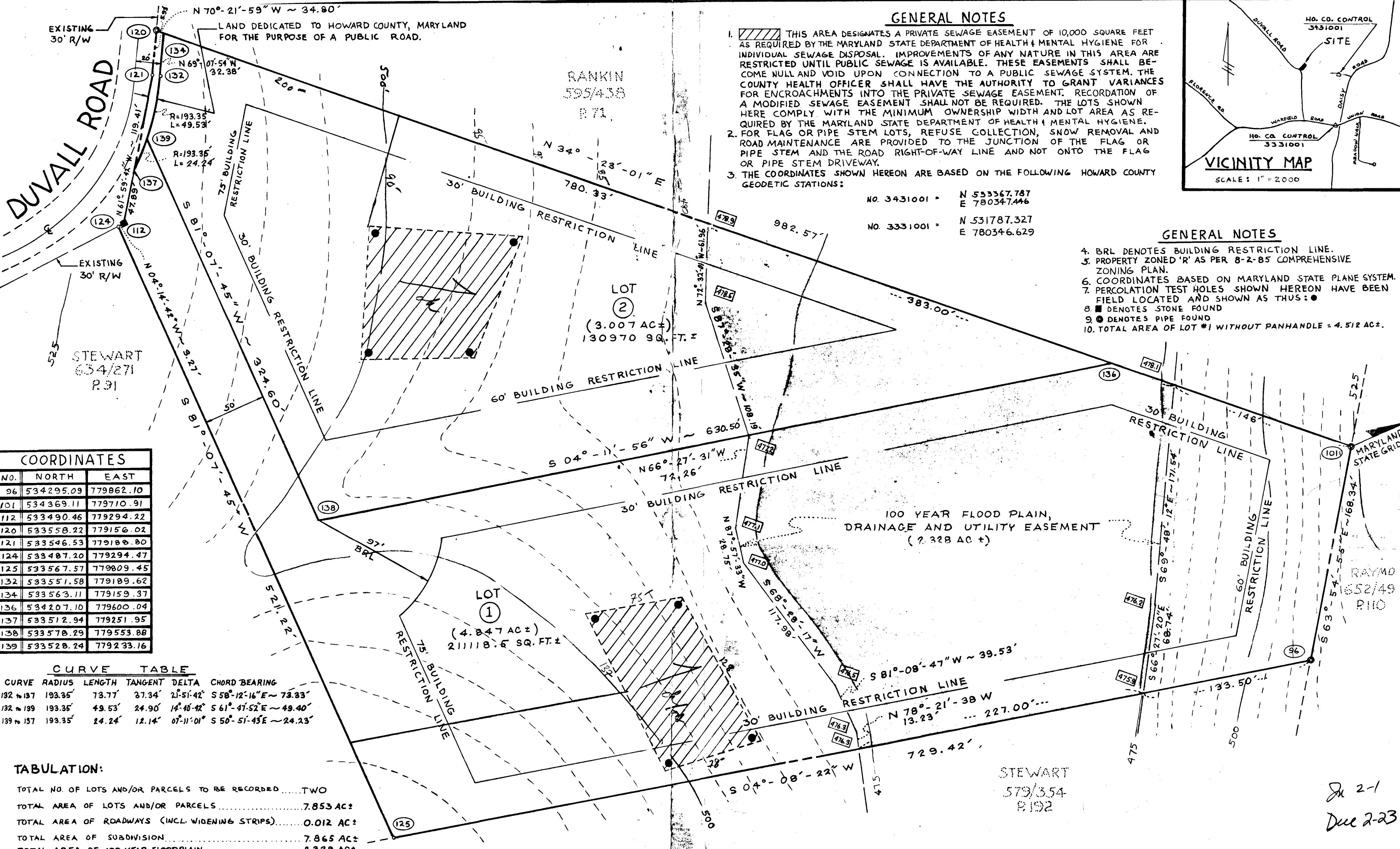
TOTAL AREA = 7.000 Act
 LOT # 1 ~ 3.002 Act
 LOT # 2 ~ 4.878 Act

EXHIBIT
 'A'

MDK

PERCOLATION PLAT
 "THE TARR PROPERTY"
 LOT # 1 / LOT # 2
 TAX MAP # 15 ~ PARCEL # 132
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' ~ DATE: 11-11-1988

JK7



GENERAL NOTES

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE REQUIRED. THE LOTS SHOWN HERE COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND THE ROAD RIGHT-OF-WAY LINE AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.
- THE COORDINATES SHOWN HEREON ARE BASED ON THE FOLLOWING HOWARD COUNTY GEODETIC STATIONS:

NO. 3431001 = N 533367.787
E 780347.446
NO. 3331001 = N 531787.327
E 780346.629

GENERAL NOTES

- BRL DENOTES BUILDING RESTRICTION LINE.
- PROPERTY ZONED 'R' AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.
- COORDINATES BASED ON MARYLAND STATE PLANE SYSTEM.
- PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS THIS: ●
- DENOTES STONE FOUND
- DENOTES PIPE FOUND
- TOTAL AREA OF LOT #1 WITHOUT PANHANDLE = 4.512 AC±.

COORDINATES

NO.	NORTH	EAST
96	534295.09	779862.10
101	534369.11	779710.91
112	533490.46	779294.22
120	533558.22	779156.02
121	533546.53	779186.80
124	533487.20	779294.47
125	533567.57	779809.45
132	533551.58	779189.62
134	533563.11	779159.37
136	534207.10	779600.04
137	533512.94	779251.95
138	533578.29	779553.88
139	533528.24	779233.16

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD	BEARING
132 to 137	193.35'	73.77'	37.34'	21°-51'-42"	S 58°-12'-16" E	~ 73.83'
132 to 139	193.35'	49.53'	24.90'	14°-40'-42"	S 61°-47'-52" E	~ 49.40'
139 to 137	193.35'	24.24'	12.14'	07°-11'-01"	S 50°-51'-43" E	~ 24.23'

TABULATION:

TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED TWO
 TOTAL AREA OF LOTS AND/OR PARCELS 7.853 AC±
 TOTAL AREA OF ROADWAYS (INCL. WIDENING STRIPS) 0.012 AC±
 TOTAL AREA OF SUBDIVISION 7.865 AC±
 TOTAL AREA OF 100 YEAR FLOODPLAIN 2.328 AC±

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS, IN CONFORMANCE WITH THE MASTER PLAN OF WATER & SEWERAGE FOR HOWARD COUNTY, HOWARD COUNTY DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DIRECTOR _____ DATE _____

APPROVED: FOR STORM DRAINAGE SYSTEMS, PUBLIC WATER AND PUBLIC SEWER, AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

OWNER'S DEDICATION

I (We), JOSEPH E. TARR AND HARRIET V. TARR OWNER(S) 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 & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD, ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES & 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 SPACES 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS OF WAY.

OWNER Harriet V. Tarr Joseph E. Tarr DATE 1/21/89
 WITNESS Mark L. Robel DATE 1/27/89

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY RIVER FARMS, INC., A BODY CORPORATE OF THE STATE OF MD TO JOSEPH E. TARR AND HARRIET V. TARR, HIS WIFE, DEED DATED MARCH 29, 1968 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 485 FOLIO 323 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.



Mark L. Robel JANUARY 9, 1989
 MARK L. ROBEL, P.L.S. MD REG # 339 DATE

"TARR PROPERTY"
 LOTS #1 & #2

TAX MAP # 13 - ZONING "R" ~ PARCEL # 132
 4TH ELECTION DISTRICT - HOWARD COUNTY, MD
 SCALE: 1" = 50' DATE: JANUARY 9, 1989

VITTI, ROBEL & ASSOCIATES, INC.
 ENGINEERING & SURVEYING
 1717 YORK RD - SUITE 2B - LUTHERVILLE, MD 21093

252-4552 F-89-144

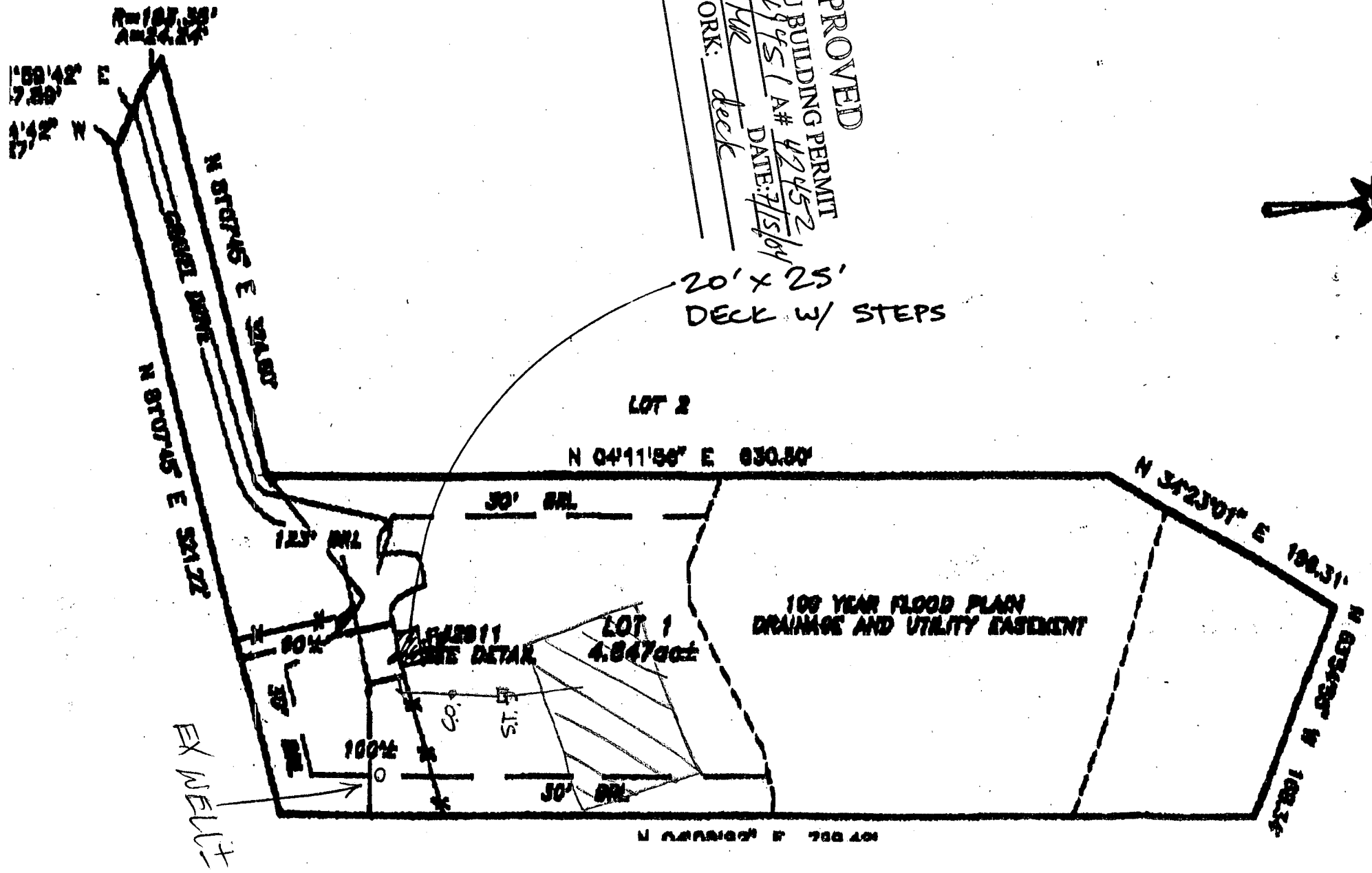
Dr 2-1
 Dec 2-23

NOTES:

Read from existing record plat or local codes and is not guaranteed by
notion is subject to the interpretation of the engineer,
or unrecorded encroachments or overlaps
shown by this location.

APPROVED
WALKTHRU BUILDING PERMIT
BP# 1000149451 A# 42452
APP. SAN MR DATE: 7/15/04
DESC. OF WORK: deck

**NOT
ALE.**



EX WELLS

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

B 00149451

Building Address 2911 Duvall Road

Property Owner's Name Peter Papasgouke

Suite/Apt. #: Wood Drive SDP/WP/Petition #: 2.751

Address 2911 Duvall Road
 City _____ State _____ Zip Code _____

Census Tract 604002 Subdivision Township

Home Phone 410 309 4117 Work Phone 410 309 7912

Section _____ Area _____ Lot 1

Applicant's Name & Mailing Address, (if other than stated hereon):
Mark Storch, 7267 Sun Pt. Hwy, Columbia, MD 21046

Tax Map 13 Parcel 132 Grid 10

Phone _____ Fax _____

Zoning PL Map Coordinates 863 Lot size _____

Existing Use _____

Contractor Company Outdoor Architecture

Proposed Use _____

Contact Person Mark Storch

Estimated Construction Cost \$ _____

Address 7267 Sun Pt. Hwy

Description of Work Deck 20' x 25' w Steps

City Columbia State MD Zip Code 21046

License No. 180706

Phone 410 309 4114 Fax 410 309 4114

Occupant or Tenant _____

Engineer or Architect Company _____

Contact Name Mark Storch

Contact Person _____

Address 7267 Sun Pt. Hwy

Address _____

City Columbia State MD Zip Code 21046

City _____ State _____ Zip Code _____

Phone 410 309 4116 Fax _____

Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics

Utilities

Height: _____
 No. of stories: _____
 Gross area, sq. ft. per floor: _____
 Use group: _____
 Construction type:
 Reinforced Concrete
 Structural Steel
 Masonry
 Wood Frame
 State Certified Modular

Water Supply:
 Public
 Private
 Sewage Disposal:
 Public
 Private
 Electric Yes No
 Gas Yes No
 Heating System:
 Electric Oil
 Natural Gas
 Propane Gas
 Sprinkler system: N/A
 Full
 Partial
 Other Suppression
 # of Heads _____

Building Characteristics

Utilities

SF Dwelling SF Townhouse
Depth Width
 1st floor: _____
 2nd floor: _____
 Basement: _____
 Finished Basement Unfinished Basement
 Crawl space Slab on Grade
 No. of Bedrooms: _____
 Multi-family dwellings:
 No. of efficiency units: _____
 No. of 1 BR units: _____
 No. of 2 BR units: _____
 No. of 3 BR units: _____
 Other Structure: _____
 Dimensions: _____
 Footings: _____
 Roof: _____
 State Certified Modular
 Manufactured Home

Water Supply:
 Public
 Private
 Sewage Disposal:
 Public
 Private
 Electric Yes No
 Gas Yes No
 Heating System:
 Electric Oil
 Natural Gas
 Propane Gas
 Sprinkler system: N/A
 NFPA #13D
 NFPA #13R
 Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Mark Storch
 Applicant's Signature

Mark Storch
 Print Name

MD 7/15/04
 Title/Company

 Date

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**

**** PLEASE WRITE NEATLY AND LEGIBLY ****

- FOR OFFICE USE ONLY -

B 1 **7941** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

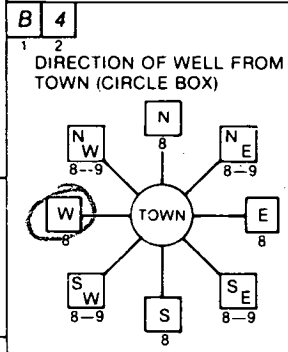
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-89-0483
 fill in this form completely

Date Received (APA) **3/13/89**
 OWNER INFORMATION
 REICH MARK
 8307 MAIN STREET
 ELLICOTT CITY MD 21043

B 3 LOCATION OF WELL
 HOWARD COUNTY
 TIME TARR PROPERTY
 SECTION 44 LOT 48 NEW
 DAISSY
 MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION
 Ralph MAYNE
 Driller's Name
 Ralph MAYNE well Drilling
 Firm Name
 9120 Brown Church rd Mt Airy
 Address
 Ralph Mayne
 Signature
 3/16/89
 Date



NEAR WHAT ROAD
 Duval Rd.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD
 520 FT
 ENTER FT or MI

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
 STATE SIGNATURE
 DATE ISSUED 03/15/89
 CO SIGNATURE
 NORTH GRID 533000 EAST GRID 0779000

APPROXIMATE DEPTH OF WELL 150 FEET

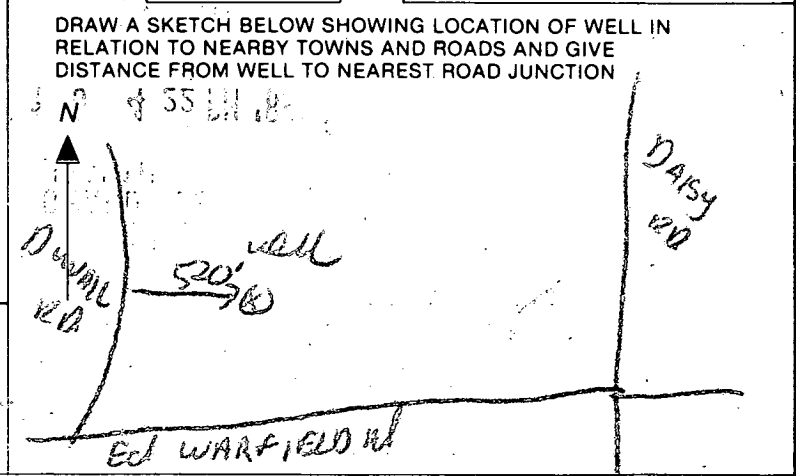
APPROXIMATE DIAMETER OF WELL 6" INCH

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
 WRITE THE BOX NUMBER FROM THE MAP HERE

3/3/89 9:30
 NOT grouted
 C.B.D.

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)
 APPROP. PERMIT NUMBER GAP
 FORCE SA WRITE INITIALS IN BOX PERMIT NO. HO-89-0483

SPECIAL CONDITIONS 461-3100

C1 2361

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

A-42452

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26

27 28 29 30 31 32 33 34 35 36 37

OWNER: RICH MARC; STREET OR RFD: DUNN RD; TOWN: DAILY; SUBDIVISION: TREE HOLLOW; SECTION: ; LOT: 2 New

WELL LOG: Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for Top Soil, Brown Slate, Blue Slate, and Brown Slate.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC); NO. OF BAGS: 6; NO. OF POUNDS: 600; DEPTH OF GROUT SEAL: 0 to 2 ft.

CASING RECORD: MAIN CASING TYPE: PL; Nominal diameter: 6; Total depth of main casing: 24 ft.

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

SCREEN RECORD: screen type or open hole: HO (OPEN HOLE); SLOT SIZE: 1, 2, 3; DIAMETER OF SCREEN: (NEAREST INCH)

DEPTH (nearest ft.): 22, 20.5

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...

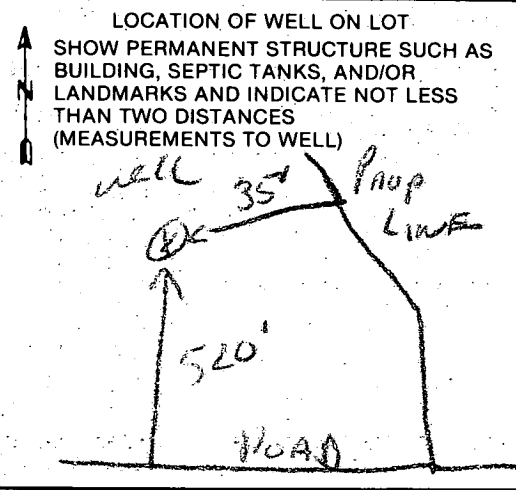
DRILLERS IDENT. NO. 273; DRILLERS SIGNATURE: Keith Wayne

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

TELESCOPE CASING; LOG INDICATOR; OTHER DATA

PUMPING TEST: HOURS PUMPED: 3; PUMPING RATE: 10 gal. per min.; METHOD USED TO MEASURE PUMPING RATE: Bucket; WATER LEVEL: 4.3; WHEN PUMPING: 5.0; TYPE OF PUMP USED: S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO); TYPE OF PUMP INSTALLED: PLACE (A,C,J,P,R,S,T,O); CAPACITY: GALLONS PER MINUTE; PUMP HORSE POWER; PUMP COLUMN LENGTH; CASING HEIGHT: above, below; LAND SURFACE (nearest foot)



COUNTY