

12/29/99 PM
2/14/00 12:30 PM - 12:30

PERMIT 04-355113

P 513173

SEWAGE DISPOSAL SYSTEM

A 41977

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

INDEXED

DATE 12/13/1999

DATE SYSTEM APPROVED 2/14/00

INSPECTOR M. Ripken

Stormwater Facilities Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 190 Strohm Drive, Pasadena, MD 21122 PHONE 410-439-9496

SUBDIVISION Choi Property LOT 14 ROAD 3388 Danmark Drive

PROPERTY OWNER Bob Dowling

ADDRESS **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS **AND RETURNED 55-04 800147923-IG POOL**

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 feet below original grade. Effective area begins at 2.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 160 feet down the right lot line and 60 feet off this same lot line as seen when facing the lot from Danmark Drive. Run trenches along contour in both directions.

NOTES - 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 Donna K. Soe OK SRK 12/13/99 DATE 9/21/99

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

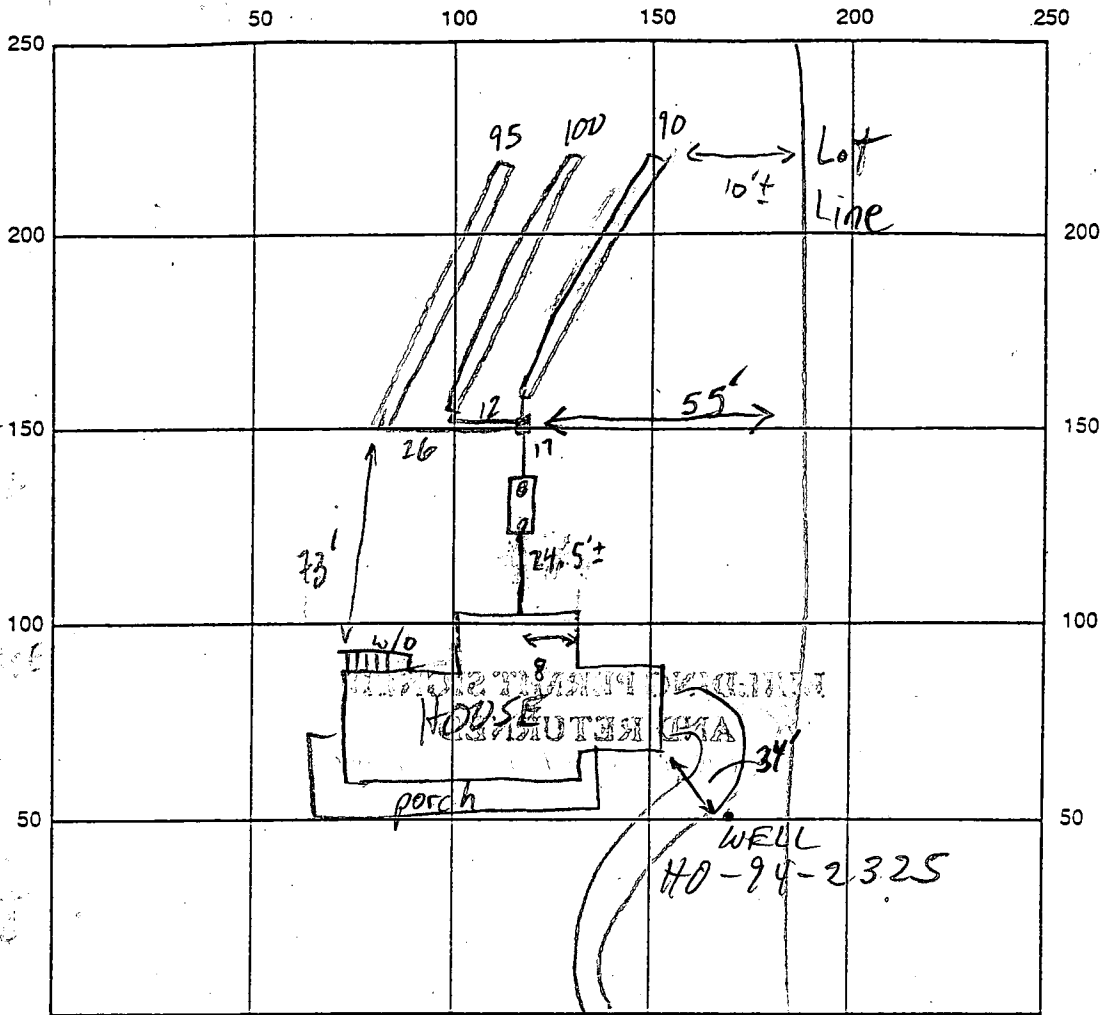
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

BLDG. PERMIT SIGNED AND RETURNED 12-13-99

BLDG. PERMIT SIGNED AND RETURNED 4/25/00
300129810-deck

LP Tank 800121715

A 41977



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 TOP SEAMED CLEANOUTS 2 @ S.T., 1 @ D.B. - OK
 DISTRIBUTION BOX LEVEL OK Baffle IN
 DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT.
 EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 285 FT.
 NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~ / BOTTOM AREA 255 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 12/29/99 OK TO COVER TANK & TRENCHES. HOLD FOR HOUSE CONN.
WELL HEAD BARRIER REQUESTED OF OWNER (MR)
2/14/00 HOUSE CONN & WELL HEAD PROTECTION OK (MR)

DATE SYSTEM APPROVED 2/14/00 INSPECTOR M. Riskin

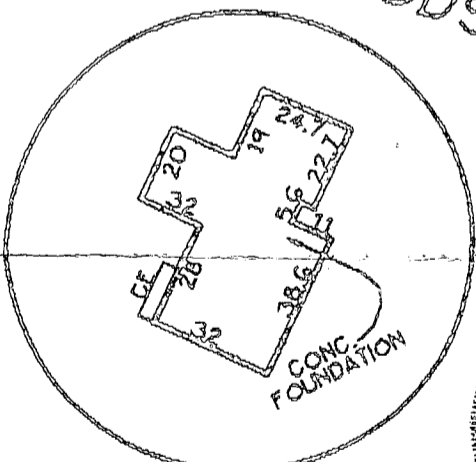
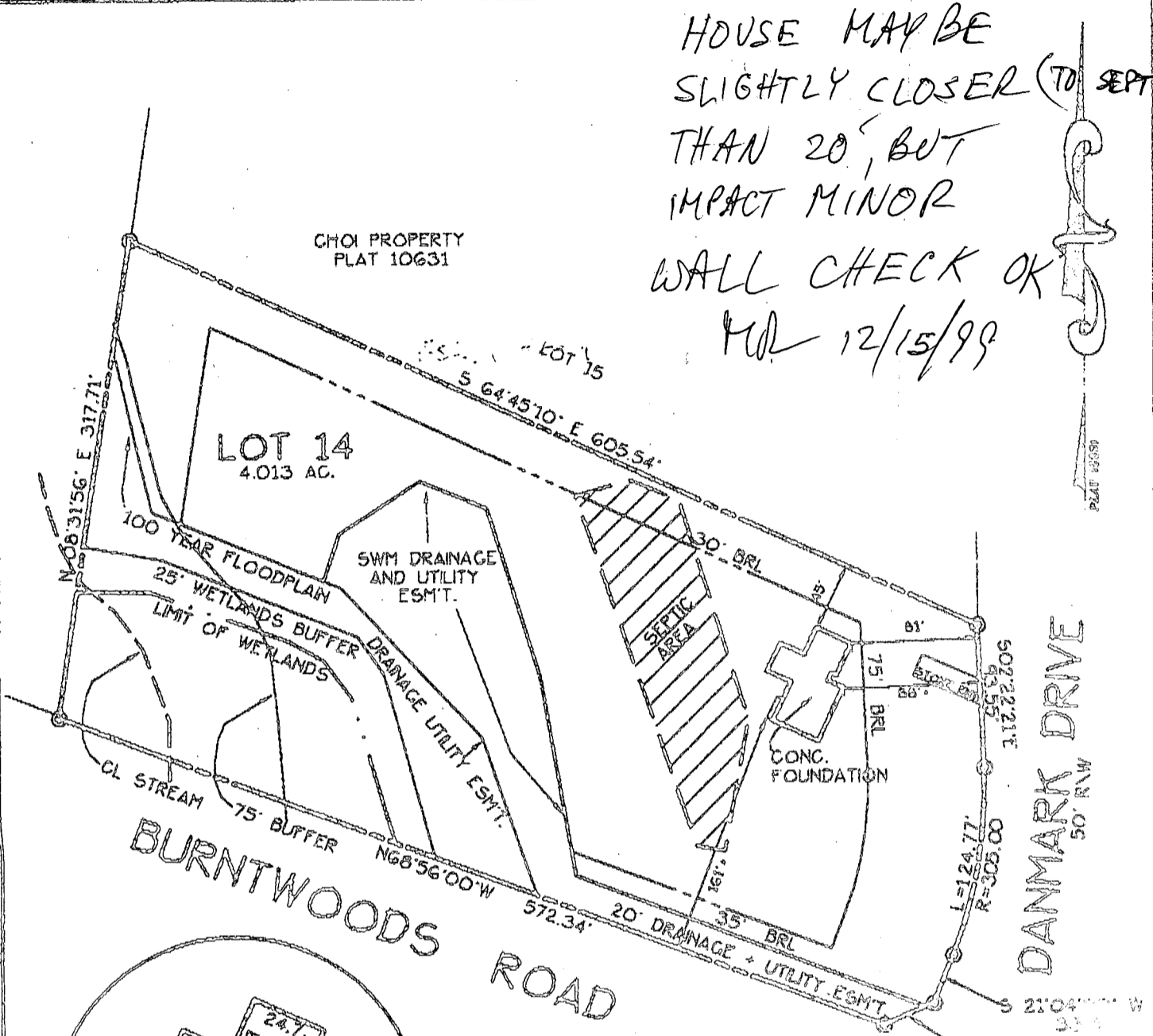
REQUIRED NOTES PER COMAR 09.1306

- 1) This plat is of benefit to a consumer only insofar as it is required by a lender or title insurance company or its agent in connection with contemplated transfer, financing or refinancing.
- 2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
- 3) This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
- 4) The level of accuracy of apparent setback distances is within 3 feet +/-.

ADDITIONAL NOTES

- 1) The subject property falls in flood zone "C" as shown on the flood hazard boundary map 240044/0020/B dated 12/4/86.
- 2) This is not a boundary survey or lot stakeout. No title research furnished to or done by this office.
- 3) This plat shows the principal structure and significant structures (close to the apparent property lines) as required by Maryland law. However, additional internal structures may not be shown.
- 4) Fences shown as $\text{---} \times \text{---} \times \text{---}$ are approximate only. The exact location of fences and boundary lines can be accomplished with a boundary survey.
- 5) Land records reference PLAT 10631

HOUSE MAY BE
SLIGHTLY CLOSER (TO SEPTIC)
THAN 20', BUT
IMPACT MINOR
WALL CHECK OK
FD 12/15/99



SCALE 1"=50'



ELEVATIONS

F.F. ELEV.=581.54'
B.F. ELEV.=571.70'

I hereby certify that the improvements shown hereon to the best of my professional knowledge and ability, have been accurately located by a transit, tape or total-station survey.

Francis B. Collinson
FRANCIS B. COLLINSON PLS #10104 10/15/99

DANMARK DRIVE PLAT 10631

LOCATION DRAWING LOT 14

CHOI PROPERTY

HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' OCT. 1999

ADVANCED SURVEYING ASSOCIATES
"A Division of Advanced Surveyors, Inc."
3645 Hallowing Point Road
Prince George's Park, Maryland 20678
(301) 735-4681 (410) 535-4681
(800) 735-4681

Approved Septic System Plan
Howard County Health Department

I certify that the measurements are actual and correct for this property.

W. Guy Hopkins
 W. Guy Hopkins

9/20/99
 6/23/99
 Date

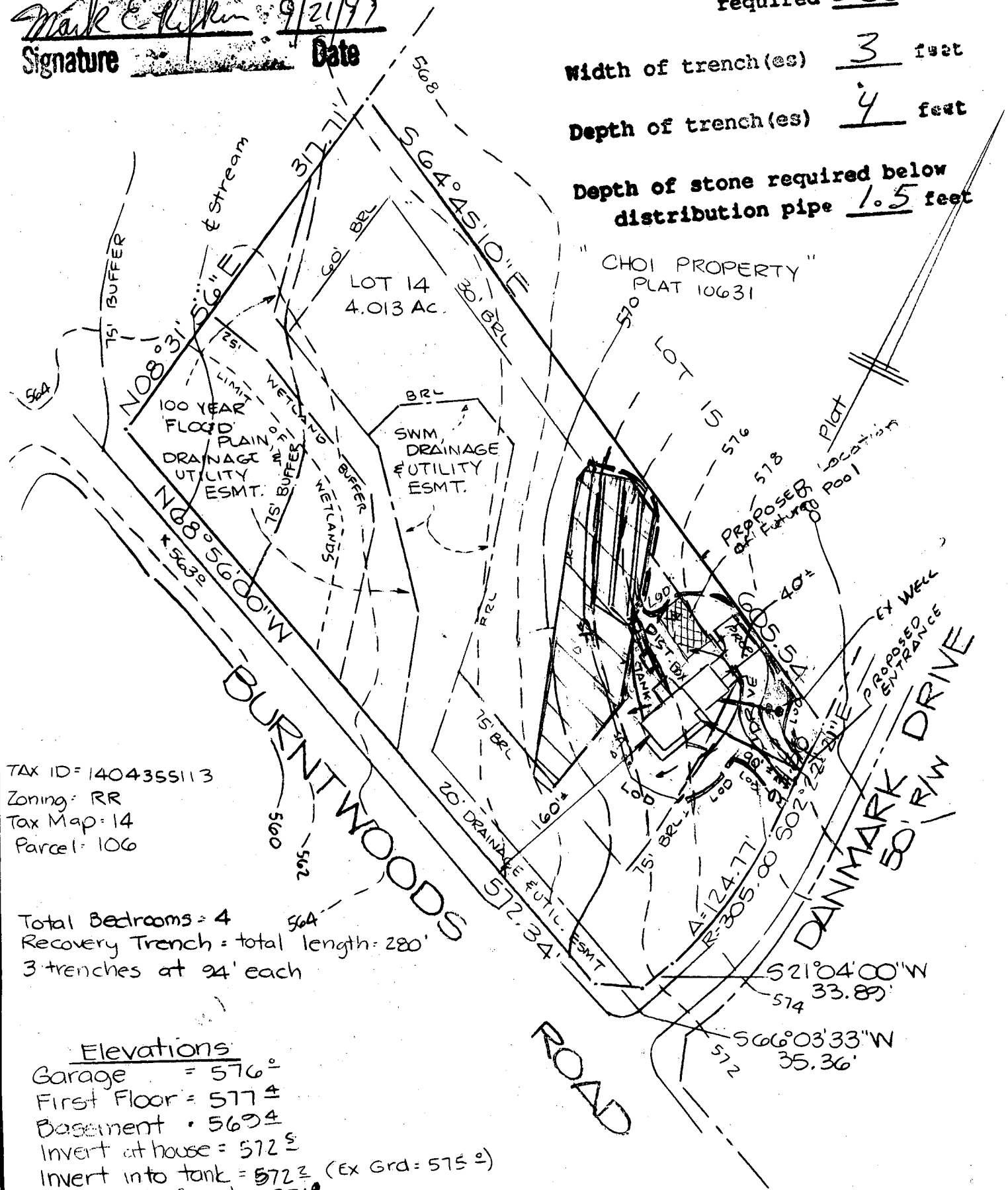
Mark E. Lipkin 9/21/99
 Signature Date

Total linear feet of trench required 280 feet

Width of trench(es) 3 feet

Depth of trench(es) 4 feet

Depth of stone required below distribution pipe 1.5 feet



TAX ID = 1404355113
 Zoning: RR
 Tax Map: 14
 Parcel: 106

Total Bedrooms = 4
 Recovery Trench = total length = 280'
 3 trenches at 94' each

Elevations

- Garage = 576'
- First Floor = 577'
- Basement = 569'
- Invert at house = 572'
- Invert into tank = 572' (Ex Grd = 575')
- Invert out of tank = 571'
- Invert into dist. Box = 571' (Ex Grd = 574')
- Invert out dist. Box = 571' (Ex Grd = 574')
- Proposed Well = 578'

Total length silt fence = 380'
 Total disturbed area = 27,650 sq ft

L. 4507 F. 488 Plat 10631

REVISED = WELL, TANK, DIST, DRIVE LOC 9/99
 REVISED HSE POSITION - 8/99

Septic Plan and Building Permit Plat
 Lot 14
 "CHOI PROPERTY", 4th District
 Howard County Maryland
 Scale 1" = 100'
 JUNE 1999

ADVANCED SURVEYS, INC.
 3695 Hallowing Point Road
 PRINCE FREDERICK, MARYLAND 20678
 301-855-1120 410-535-4681
 800-235-4681

2/14/00

VERIFY WELL HEAD PROTECTION 12:00

410-313-2648

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 1-10-00

Name of Installer Lester C. Simms Sr.

Telephone 301-831-7057

License Number JW D011
Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Arundel Homes Telephone _____
Subdivision CH01 Lot # 14 Well Tag # HO-94-2325
Site Address 3388 Denmark Dr.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Goulds
- Model # 7G505422
- Capacity 7 GPM
- Pump exceeds well capacity Yes _____ No
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Motor

- Horsepower _____
- RPM 3450
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make Martinson
- Model # B-10X
- Depth 3 1/2

Tank

- Capacity 32
 - Pressure relief valve? yes
- 3' HIGH "BOX" PLACED AROUND WELL HEAD (MR)

Piping

- Type PE
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 3 1/2

Well data

- Depth 200 ft.
- Yield 40 GPM
- Static water level _____ ft.
- 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: Lester C. Simms Sr. CWDP

Date: 1-10-00

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

269

C1 06634 SEQUENCE NO. (MDE 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 A419777

ST/CO USE ONLY DATE RECEIVED MM DD YY 08/25/99

DATE WELL COMPLETED 08/25/99 Depth of Well 22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2325

OWNER Arundle Homes STREET OR RFD Danmark DR TOWN Glenwood SUBDIVISION Choi Property SECTION LOT 14

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top soil, Shaley Clay, brown slate, gray slate, brown slate, mica, Flint, mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (C.M) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1400

CASING RECORD MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch!) 06 Total depth of main casing (nearest foot) 42

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

SCREEN RECORD screen type or open hole (ST) BRASS (BR) HO OPEN HOLE (HO) PLASTIC (PL) OTHER (OT)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MWD 040 George F. Katerulay DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MWD 501

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

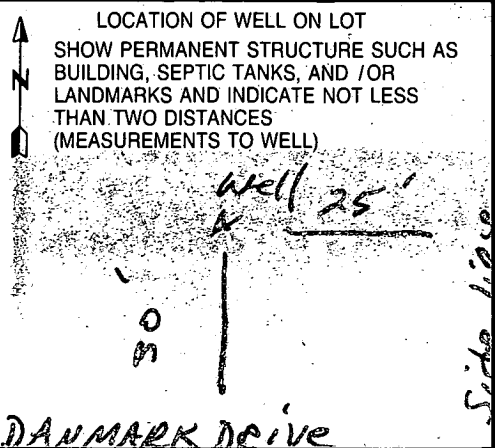
DEPTH (nearest ft.) 1 HO 40 200 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOTTED SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 20 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 28 WHEN PUMPING 29 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (YES) (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 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 LAND SURFACE - below 2 (nearest foot)



B 7 16332

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2325 fill in this form completely

Date Received (APA) 07/09/99

OWNER INFORMATION RN 7911

LOCATION OF WELL B 3

Howard

CC#

Arundel Homes, Llc 1629 Forest Drive Annapolis, Md 21403

Choi Property 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 Glenwood 52 NEAREST TOWN 71

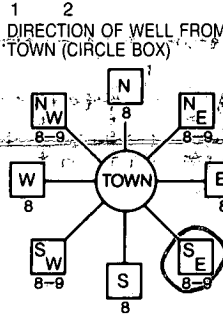
DRILLER INFORMATION

George F. Easterday M W 040

MILES FROM TOWN (enter 0 if in town) 2 M. I. 73 76 77 78

Driller's Name L.F. Easterday Inc License No. 76 81 Firm Name 9265 Brown Church Rd, Mt Airy MD Address Signature Date 6/30/99

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) B 4



DANMARK DR ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: BLK: PARCEL

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A41977 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 07/14/99 CO SIGNATURE EXP. DATE 7/14/00 NORTH GRID 520 000 EAST GRID 790 000

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells

8/25/99 location on arrival early 3:30pm for convenience at 1pm grout not done. No further insp.

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY (circled) JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) Jettied & DRIVEN Drive-POINT

WRITE THE BOX NUMBER FROM THE MAP HERE E 790 N 520

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

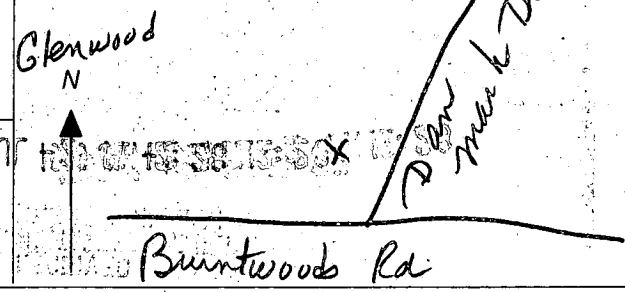
- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

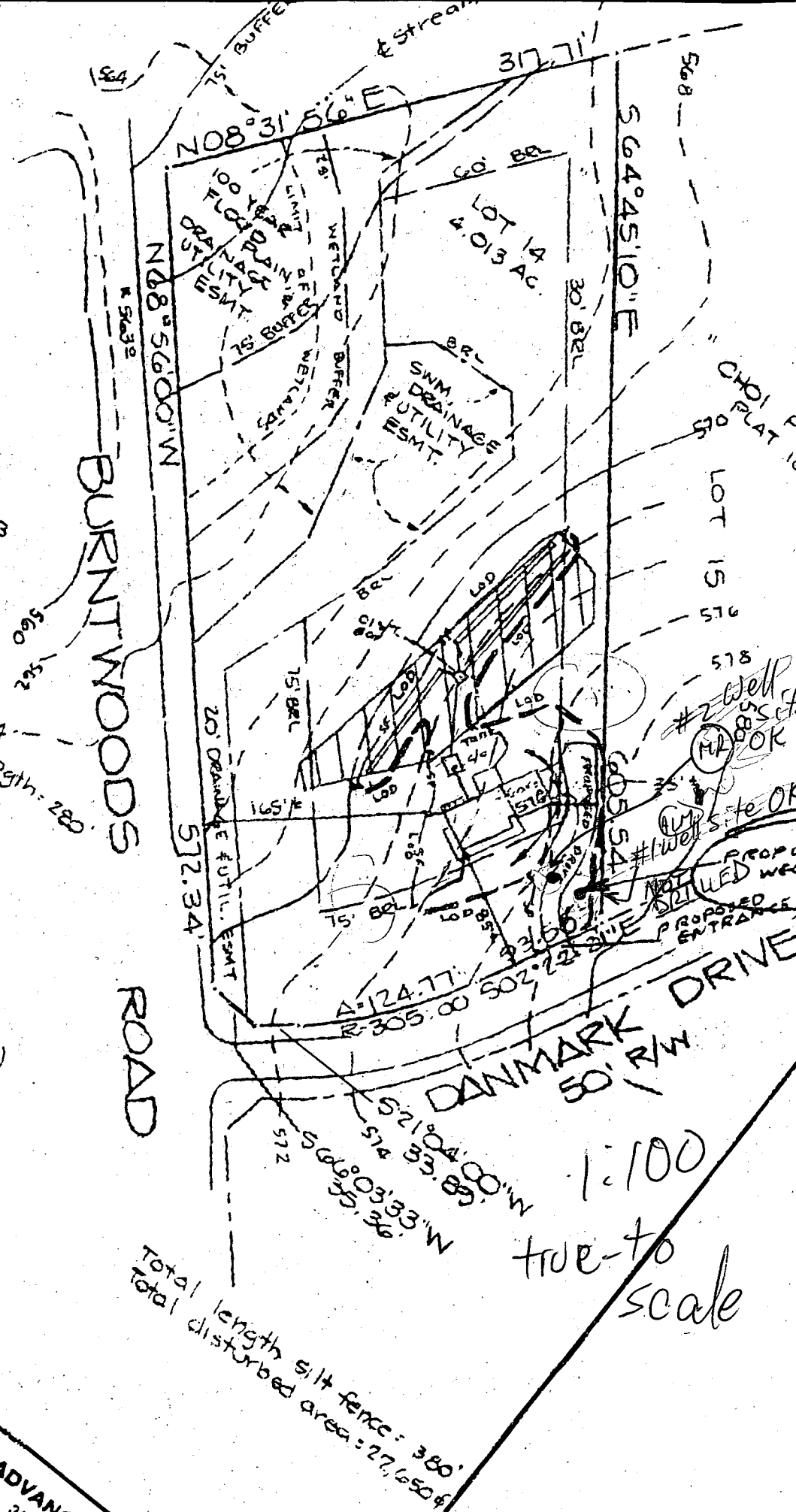
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 9E6

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 G A P PERMIT No. HO-94-2324

SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED





AK ID=1404355113
 oning: RR
 5x Map. 14
 Parcel: 106

Total Bedrooms: 4
 Recovery Trench: total length: 280'
 3 trenches at 94' each

Elevations
 First Floor = 577.5'
 Basement = 568.4'
 Invert into tank = 571.2' (ex Grd: 573.2)
 Invert out of tank = 570.9' (ex Grd: 572.4)
 Invert into dist. Box = 570.4' (ex Grd: 572.9)
 Invert into trench = 570.2' (ex Grd: 572.9)
 Well = 578.5'

#2 Well site OK
 #1 Well site OK
 PROPOSED WELL
 PROPOSED ENTRANCE

Plat 10631
 Building Permit Plat
 4th District
 Maryland
 June 1999

ADVANCED SURVEY
 PRINCE FREDERICK
 3885 Hallowing
 301-856-1120

Total length silt fence: 380'
 Total disturbed area: 22,650 sq ft

1:100
 true-to-scale

APPLICATION

PERCOLATION TESTING

A 41977

P _____

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

DISTRICT 4TH

DATE March 10, 1988

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 Sang Ho Company, Inc. Bob Dowling

ADDRESS 8108 Cooper Street, Alexandria, Va. 22309 PHONE (703) 239-7541

PROSPECTIVE BUYER Unknown

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Choi Property LOT NO. 14

ROAD AND DESCRIPTION North side of Burtonswood Rd., 1890' East of Hobbs Road.
(3388 DANMARK DRIVE)

TAX MAP 14 PARCEL # 108

SIZE OF LOT 3.00 Acre Minimum TYPE BLDG S.F.O. - 4 Bm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

~~SEW. PERMITS SIGNATURE~~
AND RETURNED 9-21-99
Serial # B10121093
S.F.O. - 4 Bm

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. Dennis M. Ryck
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9/7/88 - PERC OK HOLD FOR PLAT
SHALLOW SYSTEM

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 41977

P _____

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

DISTRICT 4TH

DATE March 10, 1988

TO: THE COUNTY HEALTH OFFICER
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PROPERTY OWNER Sang Ho Company, Inc.

ADDRESS 8100 Cooper Street, Alexandria, Va. 22309 PHONE (703) 239-7541

PROSPECTIVE BUYER Unknown

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Choi Property LOT NO. 14

ROAD AND DESCRIPTION North side of Burrowswood Rd., 1890' East of Hedges Road.

TAX MAP 14 PARCEL # 106

SIZE OF LOT 3.00 Acre Minimum TYPE BLDG S.F.O.
(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.

Dennis M. Bush
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

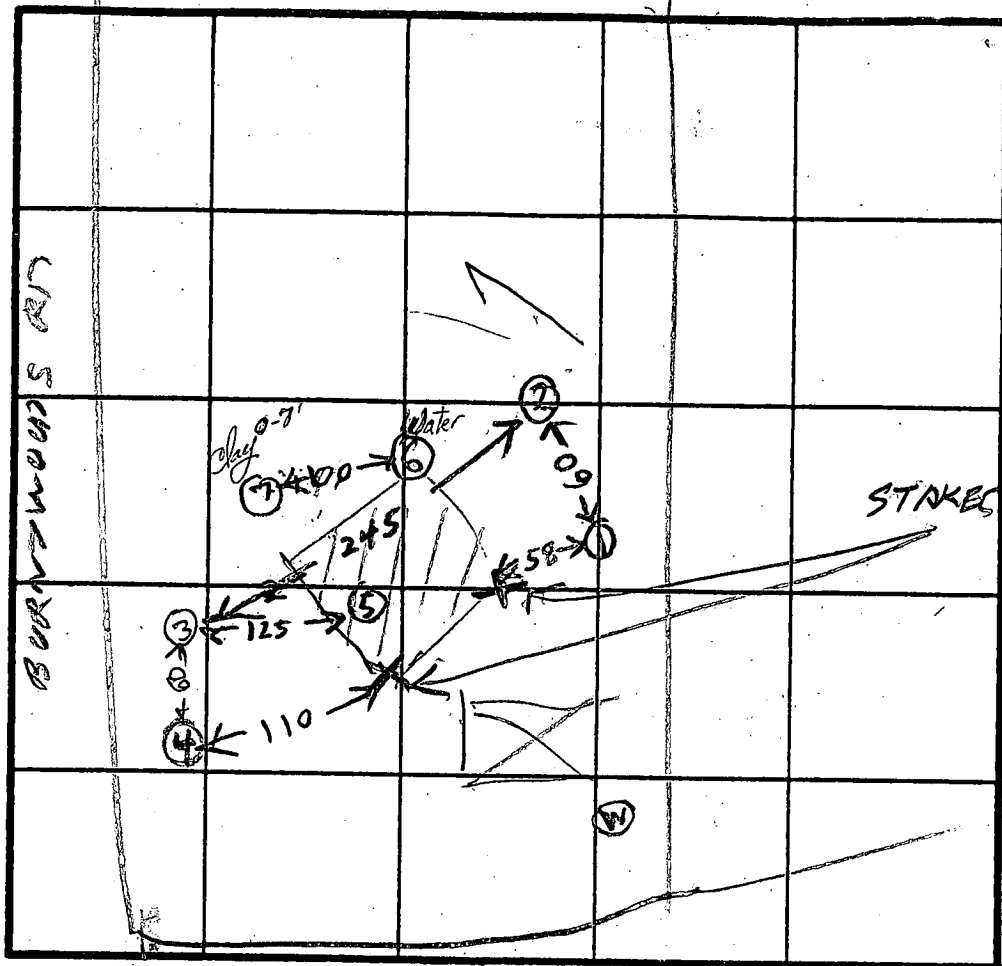
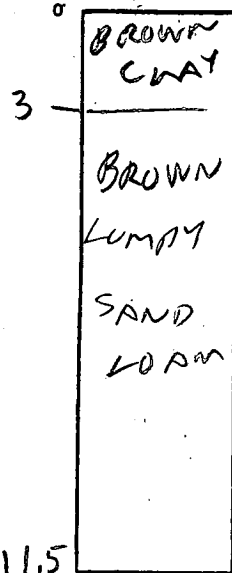
REASONS FOR REJECTION OR HOLDING _____

HD-216

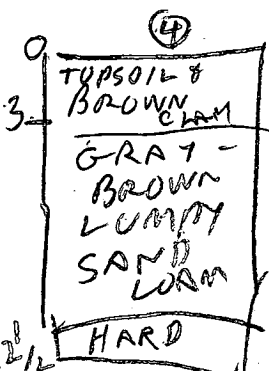
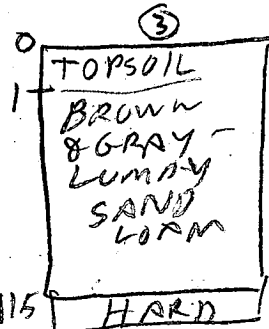
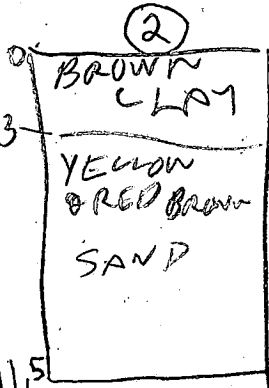
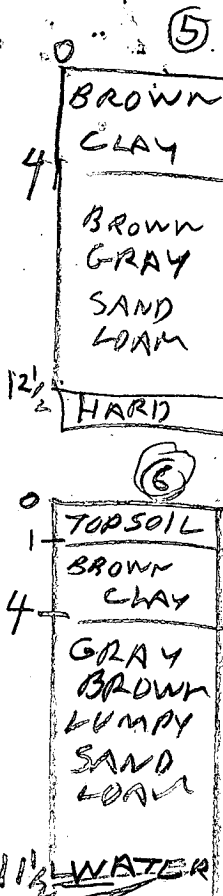
THIS IS NOT A PERMIT

LOT 14
A41987

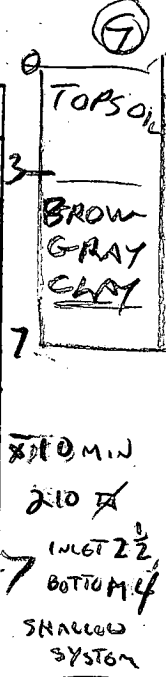
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
DANMARK DR

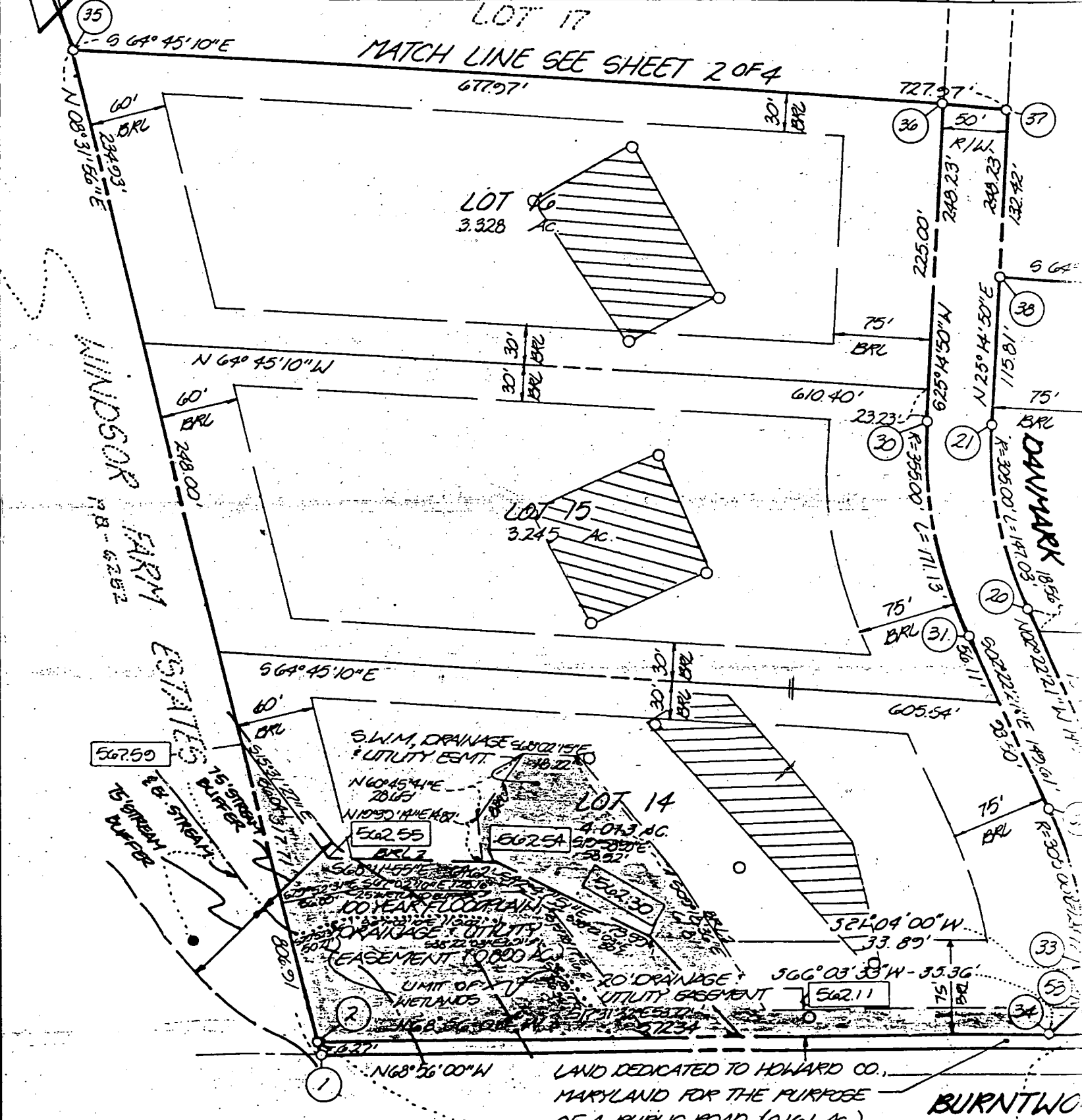


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/7/88	1 S	4.5	1234	1237	1237	1249	12
	1 D	7.5	1234	1237	1237	1240	3
9/7/88	IV	11.5	OK				
	2 S	4.5	1247	1249	1249	1252	3
	2 V	11.5	OK				
	3 S	2.5	1256	1257	1257	1257	3
	3 V	11.5	OK				
	4 S	12 1/2	OK				
	5 V	12 1/2	OK				
	(6)	11 1/2	WATER	11 1/2	UNSATISFACTORY		
	(7)	7	CLAY		UNSATISFACTORY		



REMARKS: LEFT EARLY BACK HOLBROOKS HOLE (6) dugger later survey on flat other holes different
 TYPE OF SOIL: _____
 TESTED BY: R HODGES ALSO PRESENT: SKIP & ROCKY OFFYOG

4	530,134.763	796,800.690	14	527,202.899	798,074.514	24	529,445
5	530,411.751	797,191.011	15	527,453.066	797,320.213	25	529,513
6	530,450.526	797,384.330	16	527,447.446	797,317.790	26	530,220
7	531,013.401	797,430.195	17	527,623.327	796,578.204	27	530,351
8	530,903.405	798,503.866	18	527,687.267	796,876.040	28	530,416
9	530,430.269	798,521.607	19	527,829.569	796,899.463	29	530,24
10	530,381.004	798,523.483	20	527,979.046	796,898.270	30	528,14



NOTATIONS (TOTAL)

TO BE RECORDED: 32
 TO BE RECORDED: 102,931 AC.

AREA TABULATIONS (THIS SHEET)

TOTAL NO. OF LOTS TO BE RECORDED: 5
 TOTAL AREA OF LOTS TO BE RECORDED: 18.097 AC.

VEHICULAR TRAFFIC
 EXPRESS IS RESTRICTED

BURNTWOOD (PUBLIC)

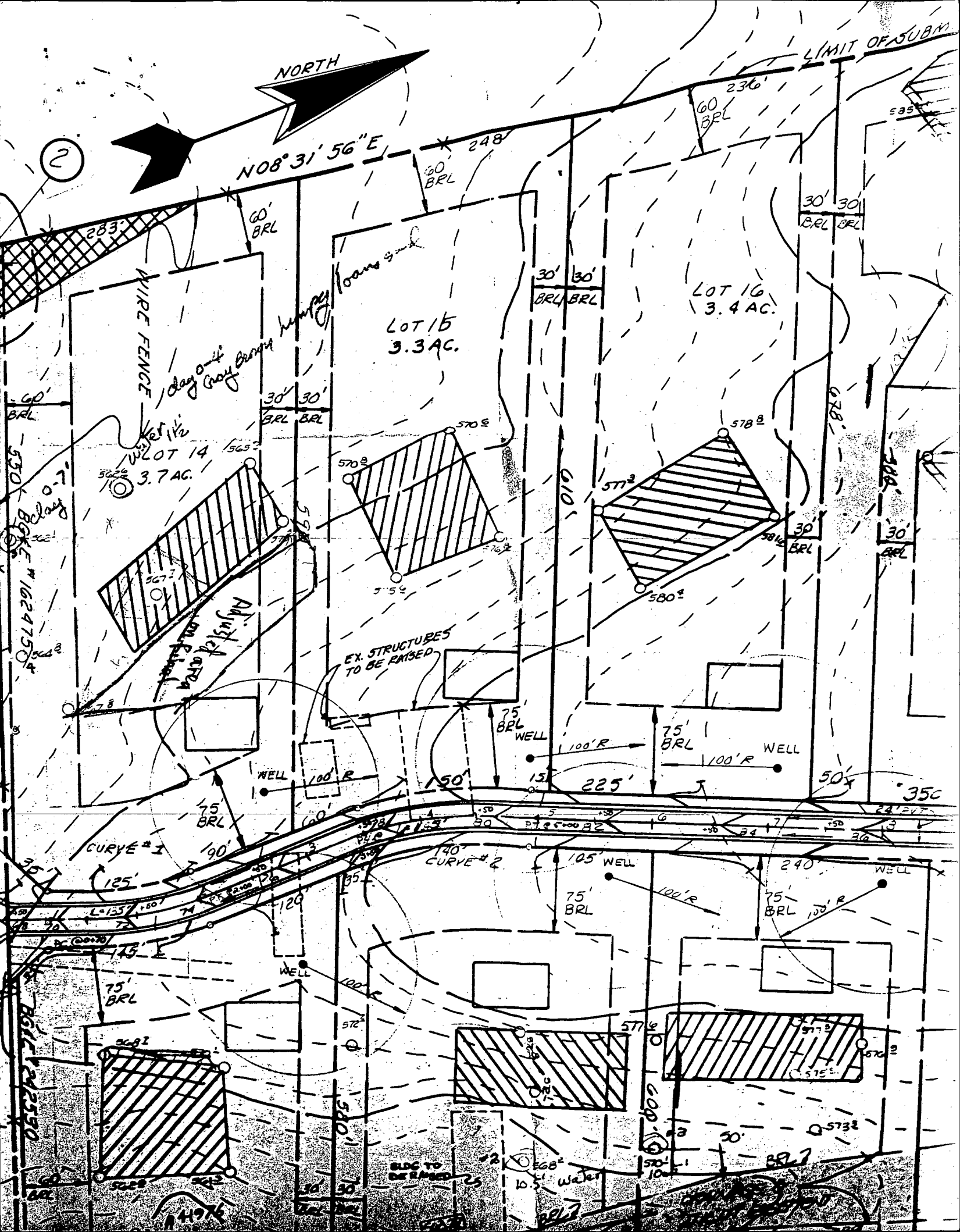
LAND DEDICATED TO HOWARD CO., MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD (0.161 AC.)

NORTH

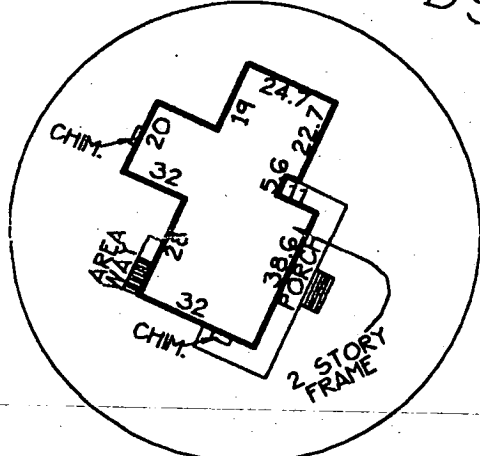
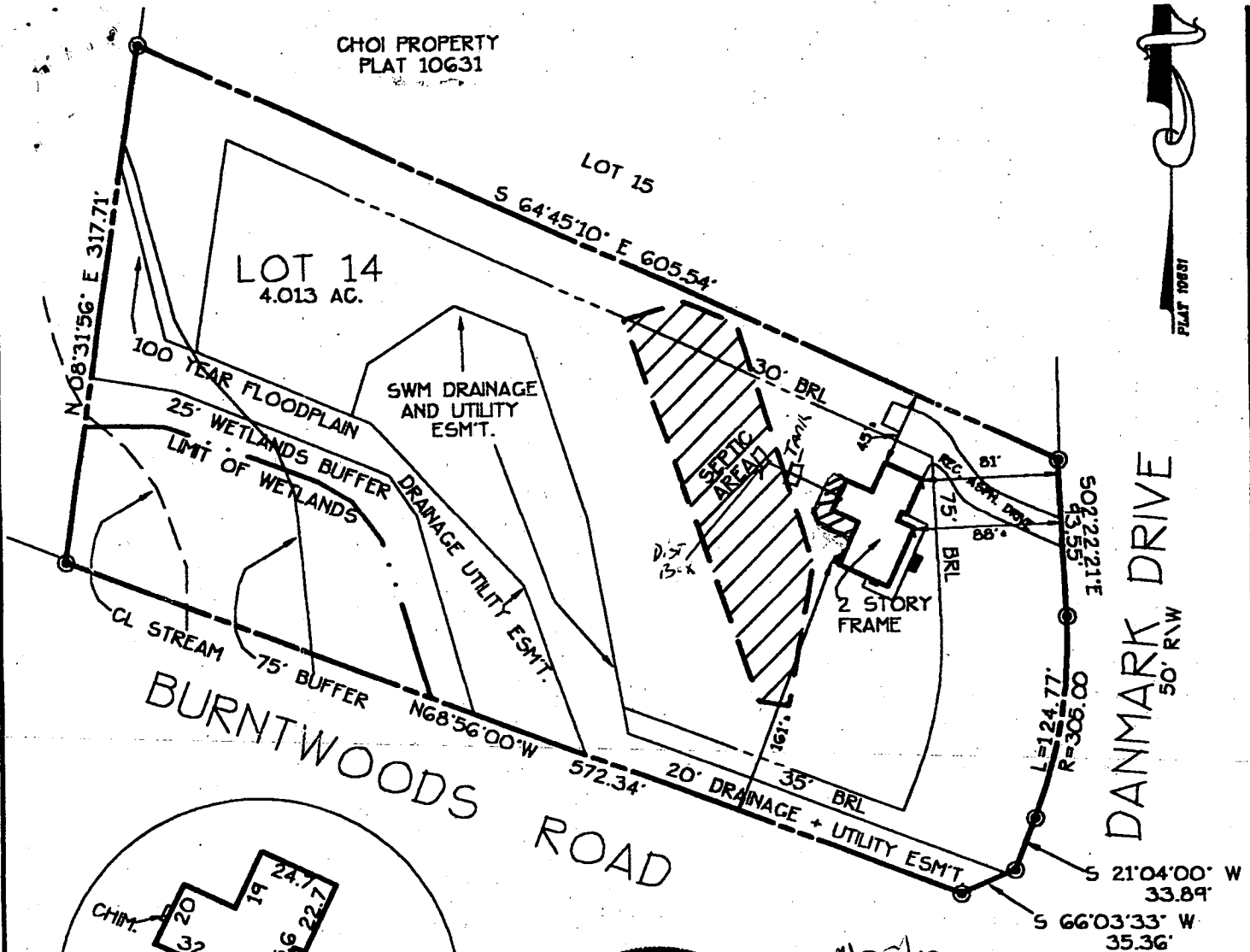
$N08^{\circ}31'56''E$

LIMIT OF SUBM.

2



CHOI PROPERTY
PLAT 10631



4/25/01
Proposed tent
location as shown (D)

SCALE 1"=50'

ELEVATIONS
F.F. ELEV.=581.54'
B.F. ELEV.=571.70'

I hereby certify that the Improvements shown hereon, to the best of my professional knowledge and ability, have been accurately located by a transit, tape or total-station survey.

Francis B. Collinson
FRANCIS B. COLLINSON PLS #10104 02/16/00

DANMARK DRIVE PLAT 10631

FINAL LOCATION DRAWING LOT 14

CHOI PROPERTY

HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' FEB. 2000

ADVANCED ASSOCIATES
A Division of Advanced Surveys, Inc.
3695 Hallowing Point Road
Prince Frederick, Maryland 20678
(301) 855-1120 (410) 535-4681
(800) 235-4681

64

Building Address 3388 Denmark Dr.
Clewood MD 21738

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract 60410 Subdivision Cherry Property

Section _____ Area _____ Lot 11

Tax Map 14 Parcel 106 Grid 23

Zoning RK-DFU Map Coordinates 9106 Lot size _____

Property Owner's Name Robert + Mary Deuling

Address 3388 Denmark Dr.

City Clewood State MD Zip Code 21738

Home Phone _____ Work Phone _____

Applicant's Name & Mailing Address, (if other than stated hereon): _____

Phone 410-487-0228 Fax _____

Existing Use SFD

Proposed Use SFD Deck

Estimated Construction Cost \$ 9000

Description of Work 12x48 Deck
Slips to ground

Contractor Company A.C. Construction

Contact Person George Angelaras

Address 14547 MacArthur Dr.

City Clewood State MD Zip Code 21738

License No. 41059

Phone 301-854-6364 Fax 301-854-6364

Occupant or Tenant _____

Contact Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____

Engineer or Architect Company _____

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/>
<input type="checkbox"/> State Certified Modular	Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression # of Heads _____

Building Characteristics	Utilities
SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
1st floor: _____	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/>	Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R Other: _____
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: _____	
<input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	

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 THERE TO; (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.

George Angelaras
 Applicant's Signature
George A.C. Construction
 Title/Company

George Angelaras
 Print Name
4/25/01
 Date

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 ** PLEASE WRITE NEATLY AND LEGIBLY. **
 - FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official	<u>4/25/01</u>	<u>[Signature]</u>
Dev. Engineering, DPZ		
Health	<u>4/25/01</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required prior to issuance?
 YES NO

CONTINGENCY CONSTRUCTION START:

ONE STOP SHOP:

DPZ SETBACK INFORMATION

Front: _____

Rear: _____

Side: _____

Side St.: _____

All minimum setbacks met?
 YES NO

Is Entrance Permit required?
 YES NO

Historic District?
 YES NO

Lot Coverage for NewTown Zone _____

SDP/Red-line approval date _____

PROPERTY ID#: 42747

Filing fee	\$ _____
Permit fee	\$ <u>30</u>
Excise tax	\$ _____
Sub-total paid	\$ _____
Add'l permit fee	\$ _____
TOTAL FEES	\$ <u>30</u>
Balance due	\$ _____
Check #	<u>2014</u>
Validation #	<u>52726</u>

Distribution of Copies - White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

REQUIRED NOTES PER COMAR 09.1306

- 1) This plat is of benefit to a consumer only insofar as it is required by a lender or title insurance company or its agent in connection with contemplated transfer, financing or refinancing.
- 2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements;
- 3) This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
- 4) The level of accuracy of apparent setback distances is within 3 feet +/-.

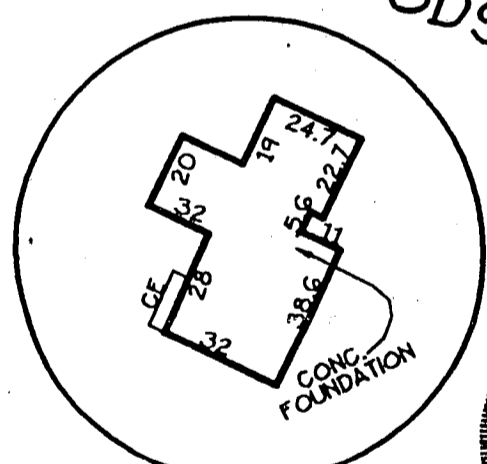
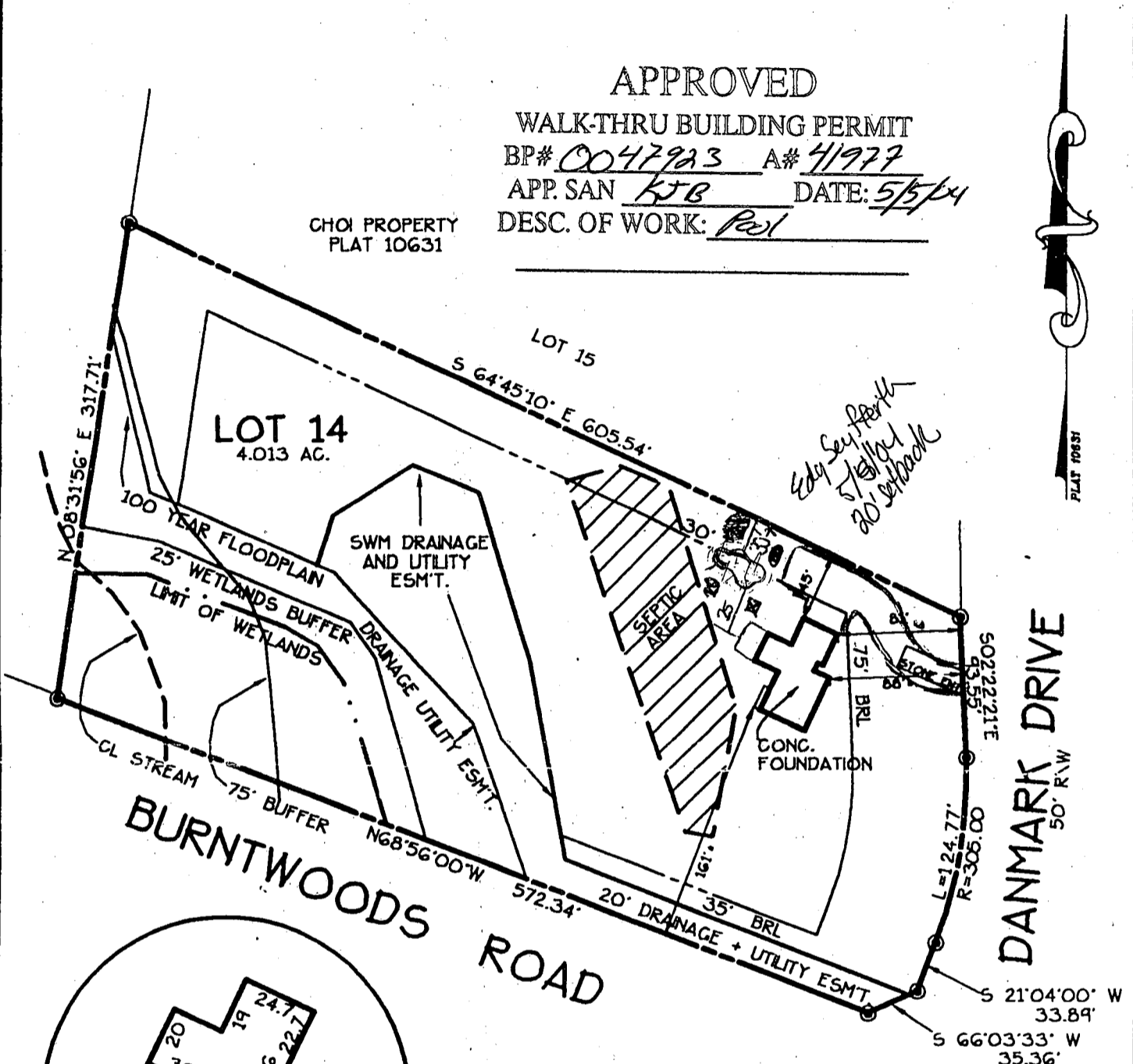
ADDITIONAL NOTES

- 1) The subject property falls in flood zone "C" as shown on the flood hazard boundary map 240044/0020/B dated 12/4/86
- 2) This is not a boundary survey or lot stakeout. No title research furnished to or done by this office.
- 3) This plat shows the principal structure and significant structures (close to the apparent property lines) as required by Maryland law. However, additional internal structures may not be shown.
- 4) Fences shown as $\text{---} \times \text{---} \times \text{---}$ are approximate only. The exact location of fences and boundary lines can be accomplished with a boundary survey.
- 5) Land records reference PLAT 10631

APPROVED

WALK-THRU BUILDING PERMIT
 BP# 0047923 A# 41977
 APP. SAN KJB DATE: 5/5/94
 DESC. OF WORK: Pool

CHOI PROPERTY
 PLAT 10631



SCALE 1"=50'



ELEVATIONS

F.F. ELEV.=581.54'
 B.F. ELEV.=571.70'

I hereby certify that the improvements shown hereon to the best of my professional knowledge and ability, have been accurately located by a transit, tape or total-station survey.

Francis B. Collinson
 FRANCIS B. COLLINSON PLS #10104 10/15/99

DANMARK DRIVE PLAT 10631

LOCATION DRAWING LOT 14

CHOI PROPERTY

HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' OCT. 1999

ADVANCED ASSOCIATES
 "A Division of Advanced Surveys, Inc."
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 Prince Frederick, Maryland 20678
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 (800) 235-4681