

12/22/94
C/O W. O. P. 1/2/94

PERMIT 04-337905

12/22/94 W. O. P. C. O. C. B. O.

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

*Time Expired for F.C.O.P. Compliance

P 50397B

A 41974

DISTRICT 4th

DATE 11/16/94

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 12/22/94

INSPECTOR C. B. O.

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Choi Property Röver Mill Estates LOT 11 ROAD 3187 Danmark Drive

PROPERTY OWNER Carl K. Jacobsen

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 165 feet down the left lot line and 115 feet off the 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. OK 12/24/94 DCS

PLANS APPROVED BY Donna K. Soe DATE 07/08/94

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

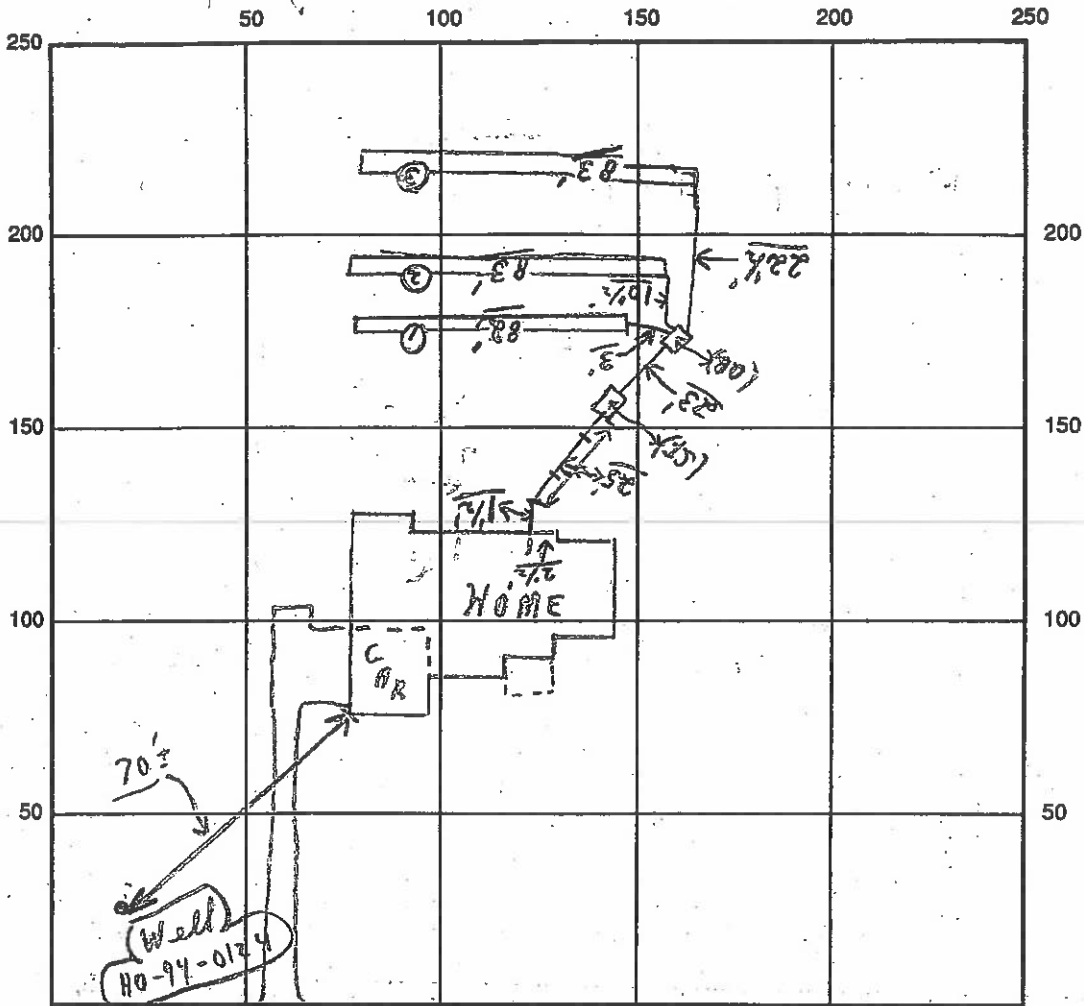
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Denmark Drive S.T.

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffles in)

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2⁺ FT. { 82', 83', 83' } TOTAL LENGTH 248 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 744 SQ. FT.

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

ABSORBENT AREA 744⁺ SQ. FT.

REMARKS: (A.M.) 12/22/94 partial ok to finish last trench + clean
where needed ok to cover 2 trenches; 1 left to finish
12/22/94 Final all work done; ckw

12/22 W.P.I. - (No-A.M.) (cwk) 12/23 Not ready ckw } 12/27 W.P.I. ckw

DATE SYSTEM APPROVED 12/22/94 INSPECTOR Charles B. Stecher

APPLICATION

PERCOLATION TESTING

A 41974
P _____
DISTRICT 4TH

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

DATE March 10, 1988

4/1/88

21
461

cl

8
hl
L

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. So. Corporation

ADDRESS 8106 Cooper Street, Alexandria, Va. 22309 PHONE (703) 239-7641 ⁹⁵³⁻²⁰⁸³

PROSPECTIVE BUYER Unknown

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Choi Property LOT NO. 11

ROAD AND DESCRIPTION North side of Birkwoods Rd., 1890' East of Hedges Road.
(3187 DANMARK DRIVE)

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 8/30/88 Perc OK but leached House & Well

Site R/L * SHALLOW SYSTEM - BLDG. PERMIT SIGNED

AND RETURNED Leach # 55748

SFD - 4 Bedroom

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

σ

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 41974
P _____
DISTRICT 4TH
DATE March 10, 1988

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

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.

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

PROSPECTIVE BUYER Unknown

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Choi Property LOT NO. 11

ROAD AND DESCRIPTION North side of Barkswood 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 _____

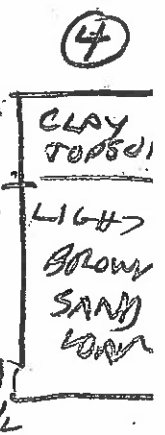
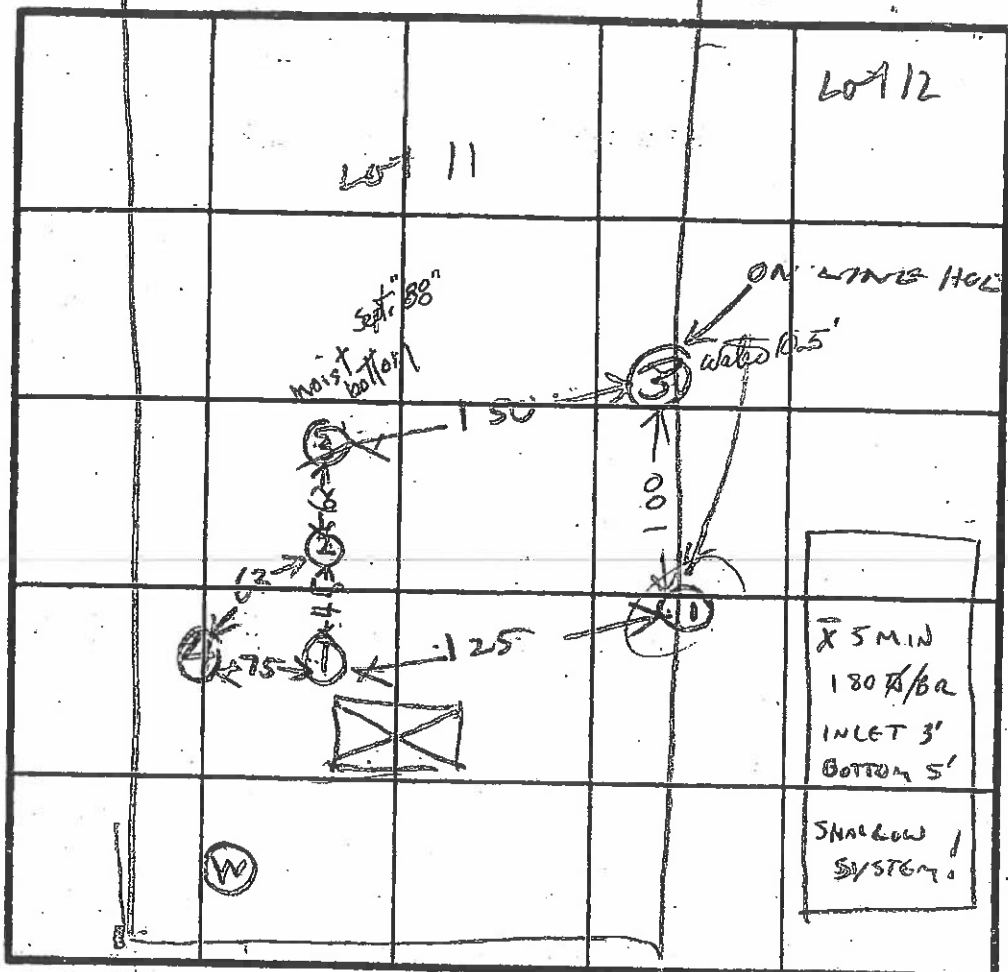
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

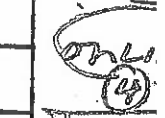
211
A 41974



See plat



PROV. CL. GRAB BAG SAM. LOAM FOR MFT. WA



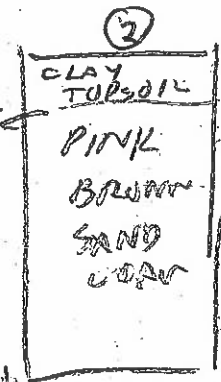
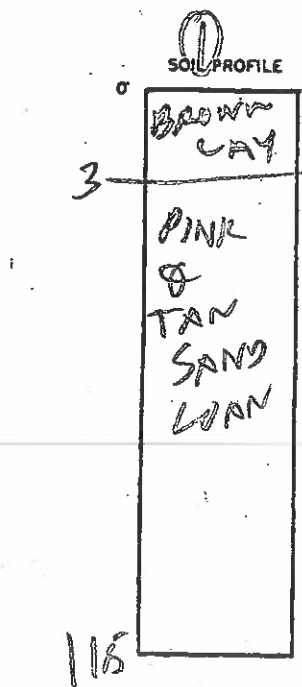
PROV. CL. GRAB BAG SAM. LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/30/88	15	4	1039	1040	1040	1045	5
	17	6.5	1039	1040	1040	1043	3
	19	11.5	OK				
	25	4.5	1051	1054	1054	1100	6
8/30/88	20	12.5	OK				
	31	11	UNSAT DOUBT FUL.		DO NOT	Moist/bottom INCLUDE	
	4	12.6	OK				

REMARKS: see plat Holes dug entirely. Different from Survey plat on line. Holes for Lot 11 & 12 used also. SKIP OFF ROCK

TESTED BY: R. Hoops



C1 5138

SEQUENCE NO. (DENY 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A 41974

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 072094

Depth of Well 180 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-94-C124

OWNER Jacobson Construction last name first name TOWN Glenelig SUBDIVISION City Property SECTION LOT 11

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for top soil, shale, brown mica, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 20 NO. OF POUNDS 2000

CASING RECORD casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER MAIN CASING TYPE SA 6 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

DEPTH (nearest ft.) 140 43 180 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60

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"

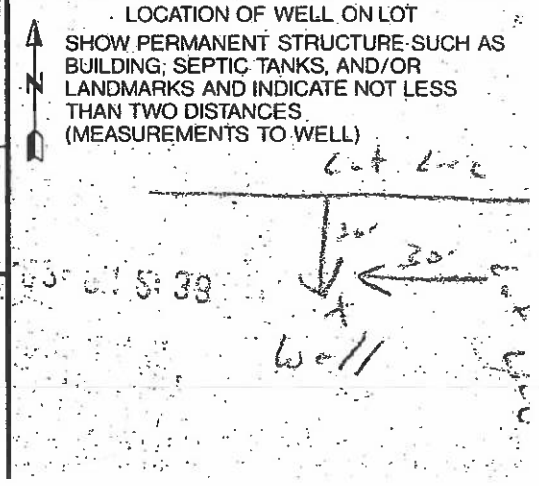
DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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.) 16 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 37 WHEN PUMPING 101 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO 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



0158

SEQUENCE NO. (PENY 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A 41974

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

072694

2180 (TO NEAREST FOOT)

110-94-0126

OWNER Jacobson Construction

STREET OR RD. Ballmark Dr.

TOWN Glenelg

SUBDIVISION Chis Property

SECTION LOT 11

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Shale, Tan mica, Brown mica, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY B.C.), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (ST, CO, PL, OT), Nominal diameter top (main) casing, Total depth of main casing

OTHER CASING (if used)

Table for other casing with columns for diameter and depth

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT)

DEPTH (nearest ft.)

Grid for depth measurements from 1 to 51 feet

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 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT NO. 40

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

SEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.), WQ (74, 75, 76)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C3 Connected

PUMPING TEST

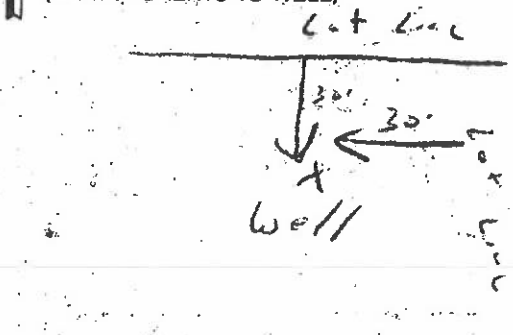
HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 12, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 33, WHEN PUMPING 50, TYPE OF PUMP USED (for test) C centrifugal, S submersible

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) above/below 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)



DEC-22-94 THU 10:01 AM
 12/22/94 AM
 (cont'd)
 Not ready
 No inspection
 12/27
 Final
 Call

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3585-N Ellicott Mills Drive
 Ellicott City, MD 21043
 481-9833 1410 3132640

APPLICATION FOR PITILESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
 Name of Installer Ben Lewis Inc Telephone 3014283900
 License Number 11202 Certified Well Pump Installer Well Driller Registered Plumber
 Name of Property Owner Jacques Bledis Telephone 3019532083
 Subdivision Buddy Park Lot # 11 Well Tag # HO-94-0124
 Site Address 33570 Wasmark O. Glenwood, Md
3189

Pump
 1. Type
 a. Deep well jet
 b. Shallow well jet
 c. Submersible
 2. Make Amelia 54505422
 3. Model # 54505422
 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 wrenches Cable guards Other _____

Tank
 1. Capacity V-80
 2. Pressure relief valve? yes

Piping
 1. Type Blk 1 1/2"
 2. Size 1"
 3. NSF and/or BOCA Code approved yes
 4. Depth of supply line _____

Well data
 1. Depth 870 ft.
 2. Yield _____ GPM
 3. Static water level 30 ft.
 4. Will water supply be disinfected by installer? yes

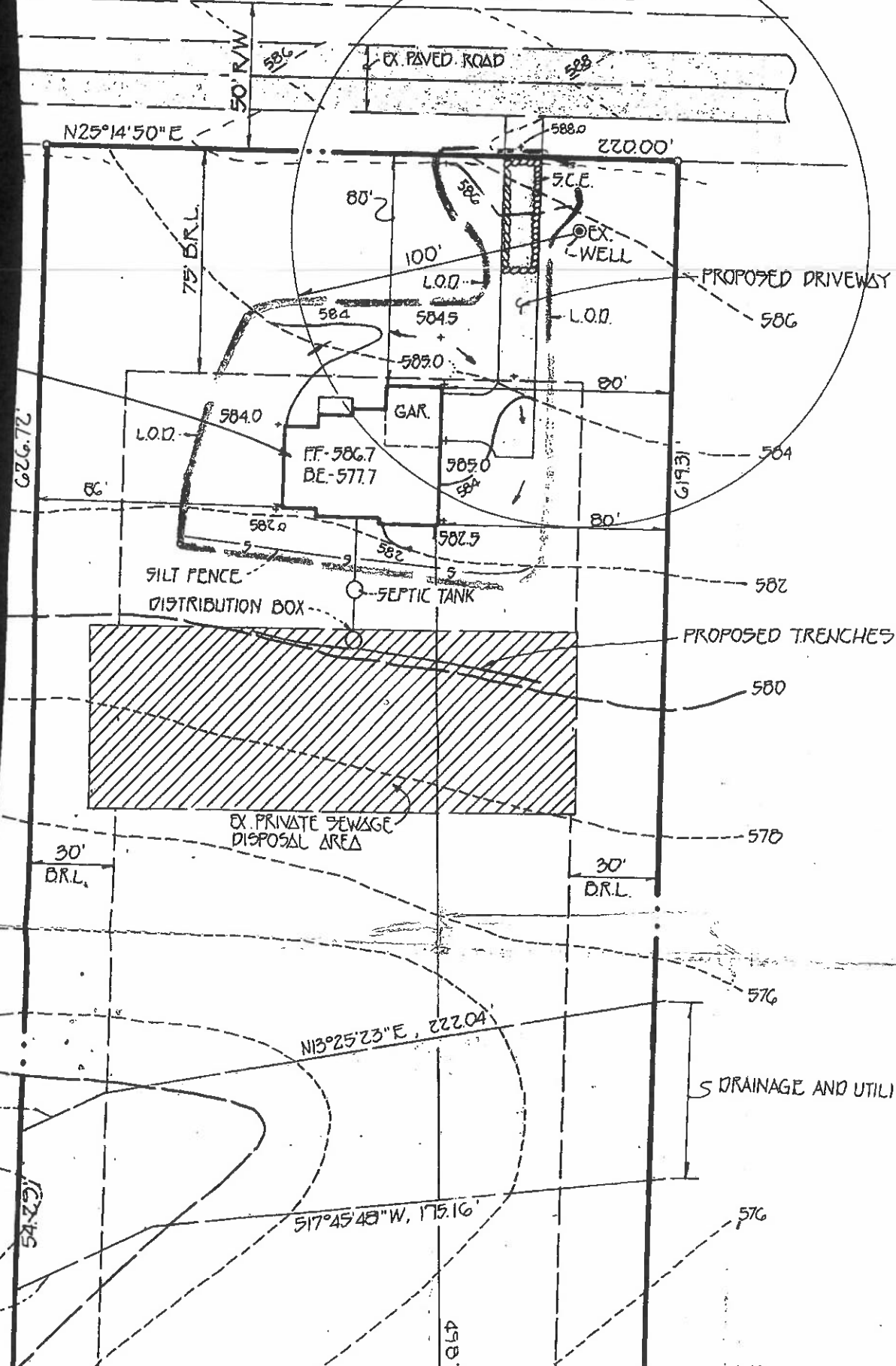
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.
 Signature of Applicant: [Signature]
 Date: 12/22/94

Note: An ORANGE sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.
 HO-810
 [12/22 + 12/23 No inspection] CBS

DANMARK DRIVE

BURNWOOD ROAD



GENERAL NOTE

1. SEPTIC EASEMENT SUBJECT TO No. 41974
 2. PROPOSED 1500 GALLON
 3. A. FIRST FLOOR ELEVATION
B. BASEMENT ELEVATION
C. INVERT OF SEPTIC MAIN
D. INVERT IN AT SEPTIC TANK
E. INVERT OUT AT SEPTIC TANK
F. PROPOSED GRADE OVER TRENCH
G. INVERT AT DISTRIBUTION BOX
H. EXISTING GROUND TO BE MAINTAINED
 4. LENGTH OF TRENCH TO BE INDICATED ON ISSUANCE
 5. CONTRACTOR / BUILDER TO VERIFY ANY CONSTRUCTION
 6. THERE IS NO BASEMENT
 7. EXISTING TOPOGRAPHY TO BE MAINTAINED
- P 88-62 "CHOI PR"

Approved Sep
Howard County

Amy Mc
Signature

DANMARK

GLIMMWOOD ROAD

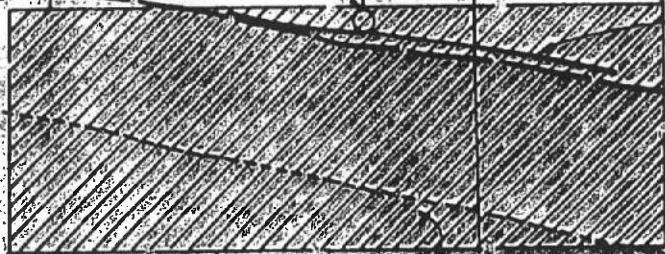
N25°14'50"E

22000'

PROPOSED DRIVEWAY

GENERAL NOTES

1. SEPTIC CASSEMENT NOT SHOWN
2. PROPOSED 1500' A. FIRST FLOOR B. BASEMENT EL. C. INVERT OF SE D. INVERT IN AT E. INVERT OUT F. PROPOSED GR G. INVERT AT DI H. EXISTING GCL I. LENGTH OF TRENCH J. SLOPE
3. CONTRACTOR / ANY CONSTRUCT
4. THERE IS NO BA
5. EXISTING TOPO
6. R 88' 67' C.



PROPOSED TRENCHED

REVISED

Date: 6/6/95

Comments: 55148

30' ORL

N13°25'23"E, 222.04'

DRAINAGE AND UTILITY EASEMENT

Revision
6/6/95
appears ok
ABD
↓ send

S177°45'10"W, 101.6'

450'

036

BP# 63873

HOLLY HILL ESTATES
P.B. 6176

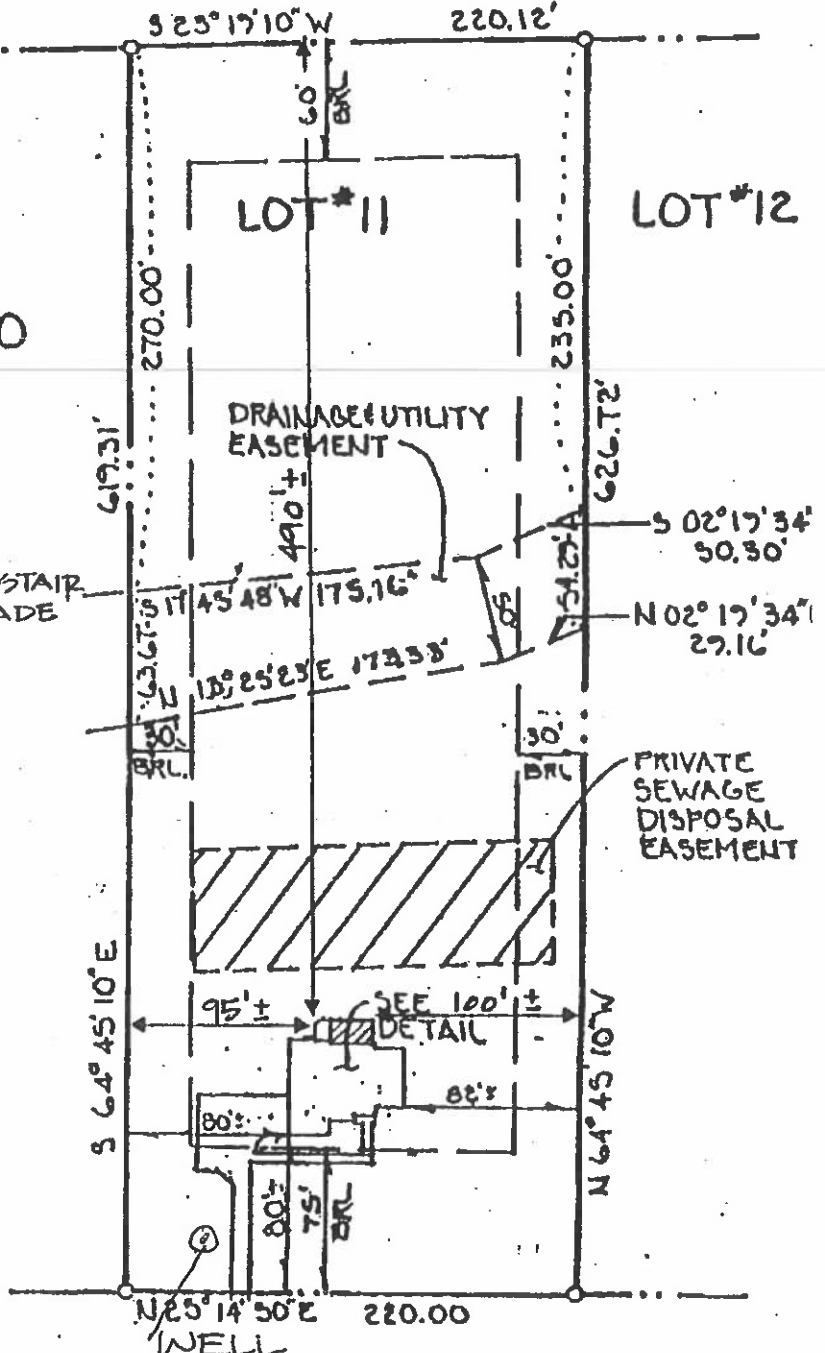
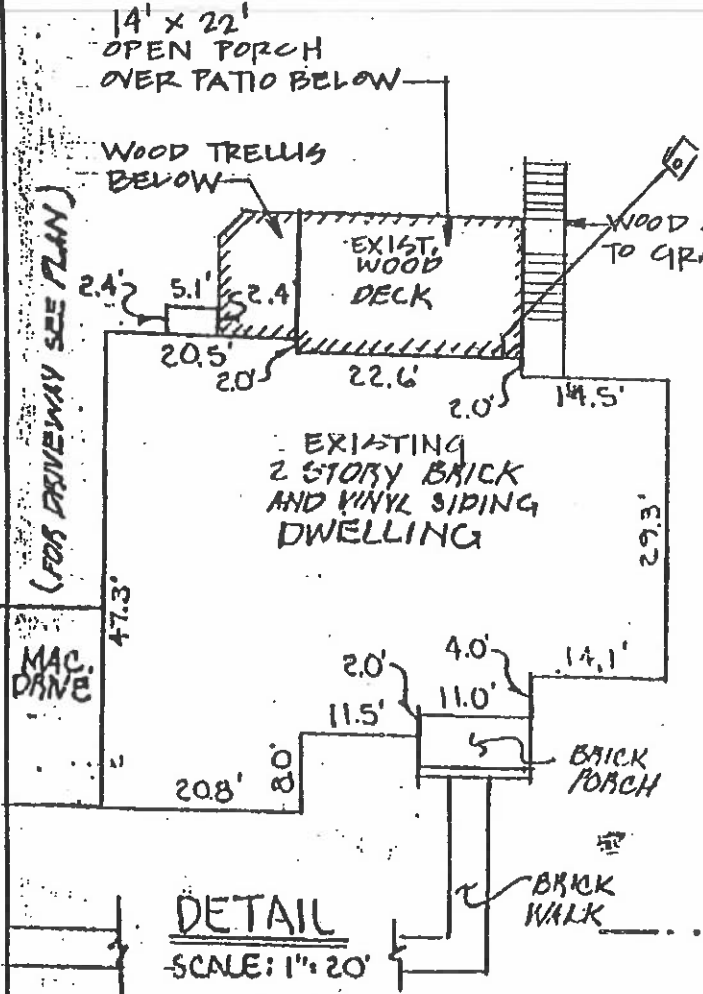
SCALE: 1"=100'

BRL BUILDING RESTRICTION LINE

LOT #10

LOT #11

LOT #12



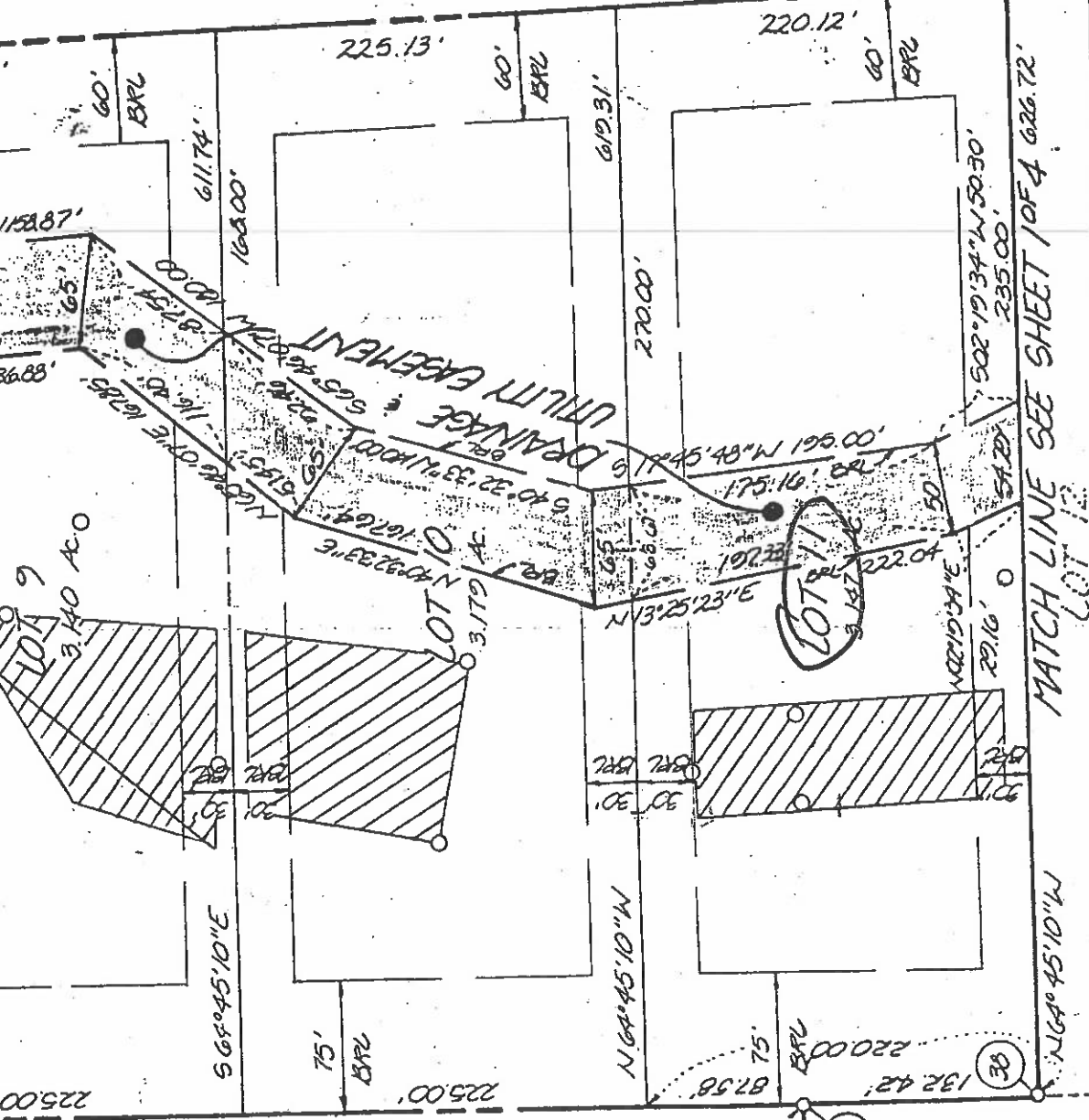
TOP OF FOUNDATION ELEVATION: 587.8±

DANMARK DRIVE
(50' R/W)

SITE PLAN

PORCH/PATIO ADDITION TO:
DR. BARBARA BEW RESIDENCE
3357 DANMARK ROAD
GLENWOOD, MD.
LOT #11, PLAT 10632 HOWARD CO.

HILL COPIED
 P.B. - 6/96



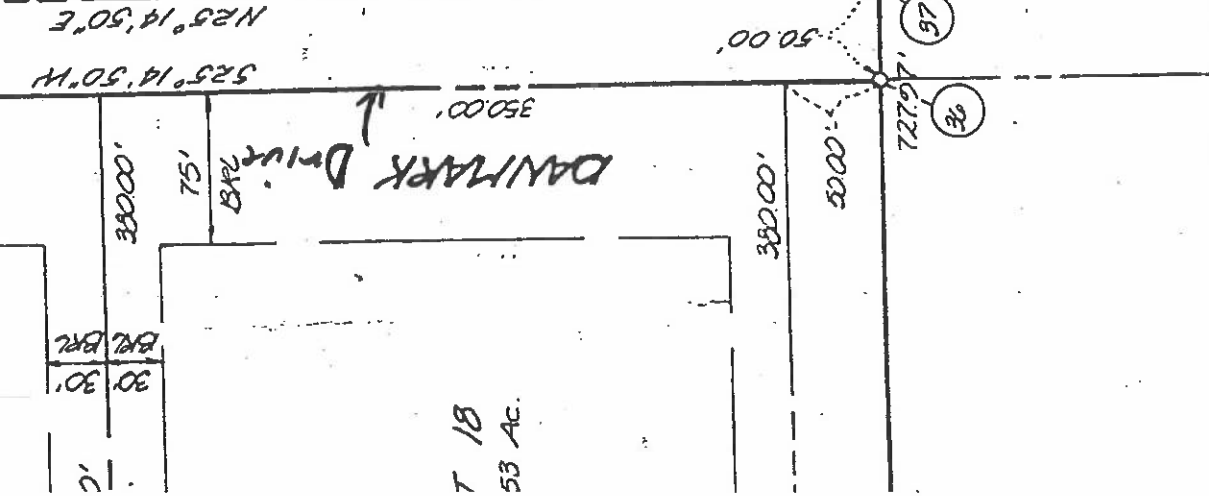
RECORDED AS PLAT 16692 ON 12/19/96

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct, that it is a SUBDIVISION of ALL of the lands conveyed by STANLEY E. SULLIVAN AND MARY A. SULLIVAN, HIS WIFE, TO THE S.O. CORPORATION, INC. by deed dated MAY 3, 1985 and recorded in the Land Records of Howard County, Maryland in Liber 1345 at Folio 223 and that all monuments are in place as shown in accordance with the Annotated Code of

IT ATION BY SANG OH CHOI, ners of the property shown in consideration of the establish the minimum d. Its successors and ins, water, pipes and other st' rights-of-way and the dedication for public use, where applicable

Final Plat Copy
 CHOI Property
 LOT 12



T 18
 53 AC.