

5/2-10-95
pm do
4
Lott

5/10 Part

Needs
House
Connection
ONLY FOR
FINAL

5/10 P.C.O. chd

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~

313-2640

04-355024

P 50623

A 41968

DISTRICT 4th

DATE 4-4-95

DATE SYSTEM APPROVED 5/16/95

INSPECTOR G. SAVAGE

Paul Schissler/South Carroll Backhoe

IS PERMITTED TO INSTALL ☒ ALTER

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

SUBDIVISION Choi Property LOT 5 ROAD 3303 Sang Road

PROPERTY OWNER ~~Jacobsen Homes, Inc.~~ Armitage

ADDRESS **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 2½ feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place distribution box 210 feet up the left lot line (571.78') and 110 feet off that same lot line as seen when facing the lot from Danmark Drive. Run trenches contour toward the left lot line.

NOTES - MAINTAIN 100 FEET MINIMUM SEPARATION DISTANCE FROM WELL. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/24/95 DKS

PLANS APPROVED BY Amy McMillen

DATE 02/14/95

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.

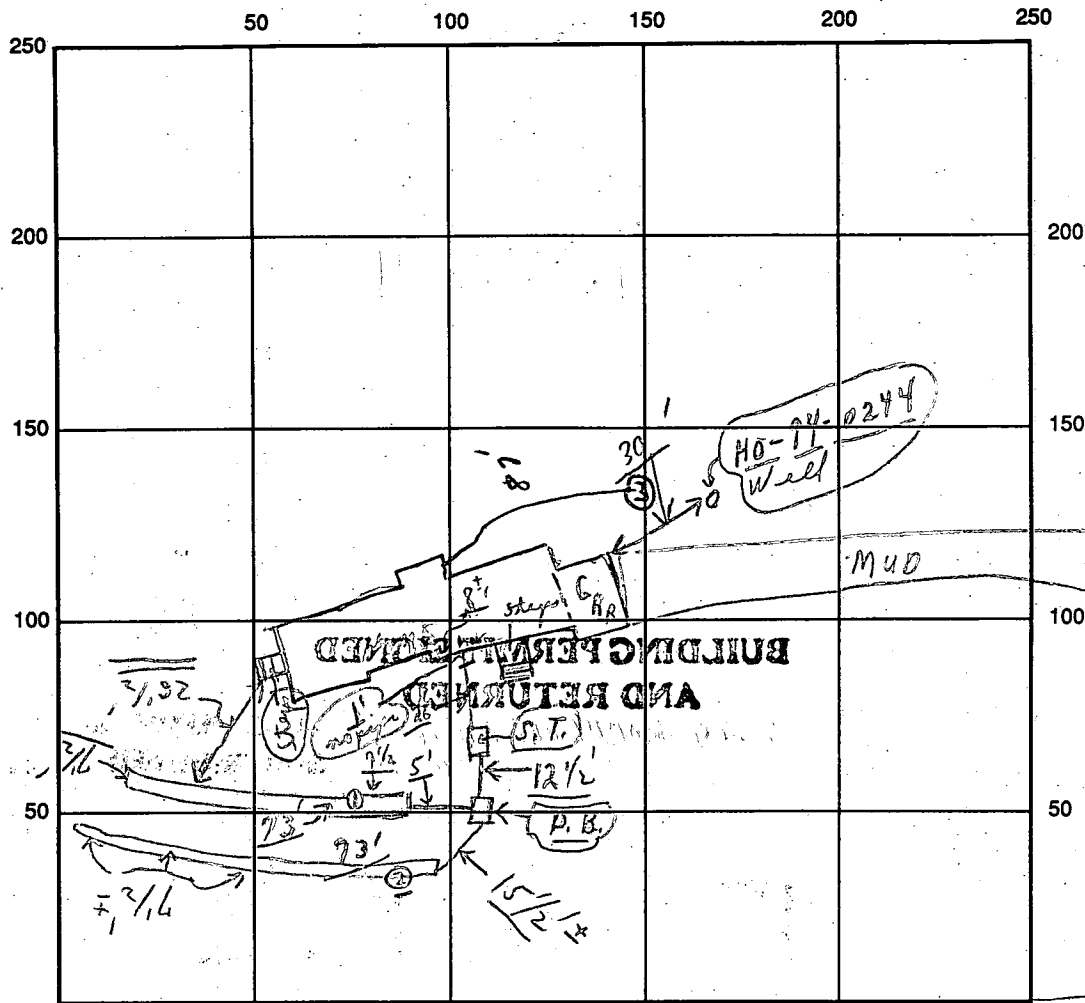
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BLDG. PERMIT SIGNED
AND RETURNED 10-15-95
Serial # Bro 119611
Sundee

AND RETURNED
BLDG. PERMIT SIGNED

A
41968



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffles in)

DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 5 + average FT. TOTAL LENGTH 73' FT. (146)

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 730 SQ. FT.

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

ABSORBENT AREA 730 SQ. FT.

REMARKS: Partial (P.M.) 5/10/95 No house connection; one trench ready @ end
 (house) to D. Box - ok to continue - need to see far end; (P.M.) Took to cover as FINISH - (PARTIAL) MATERIAL ON SITE -
 ALL DONE EXCEPT HOUSE CONNECTION - RAIN THREATENING
 5/15/95 WELL LINED, PITLICK ADAPTER OK 2V CLAMPS, CASED THROUGH WALL & SEALED. 88
 5/10/95 NO W.P.I. CAP NOT BOLTED ON - NEEDS TWO PICES CAP.
 DATE SYSTEM APPROVED 5/16/95 INSPECTOR GLEN SAUSAGE
 5/16/95 HOUSE CONNECTION - GS DID NOT SIGN PERMIT - CONTRACTOR NOT ON SITE.

APPLICATION

PERCOLATION TESTING

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

A 41968

P _____

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. JACOBSEN HOMES INC

ADDRESS

8106 Cooper Street, Alexandria, Va. 22309

PHONE

(703) 239-7541

PROSPECTIVE BUYER

Unknown

753-2097

ADDRESS

PHONE

PROPERTY LOCATION:

SUBDIVISION

Choi Property

LOT NO.

5

ROAD AND DESCRIPTION

North side of Burntwood Rd., 1290' East of Hobbs Road.
(3303 Sang Road)

TAX MAP

14

PARCEL #

106

SIZE OF LOT

3.00 Acre Minimum

BLDG. PERMIT SIGNED

AND RETURNED

2/18/95
Serial # 58030
S.P.O. 4Bemb

TYPE BLDG

(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

2/3/88 Per OK Hold for Plat R/H

THIS IS NOT A PERMIT

Q7

[illegible]

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

[illegible]

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

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

A 41968

P _____

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.

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

PROSPECTIVE BUYER Unknown

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Choi Property LOT NO. 5

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

TAX MAP 14 PARCEL # 102

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 5
A 41968

SOIL PROFILE

22' BROWN CLAY

12' BEIGE SAND LOAM

2' BROWN CLAY

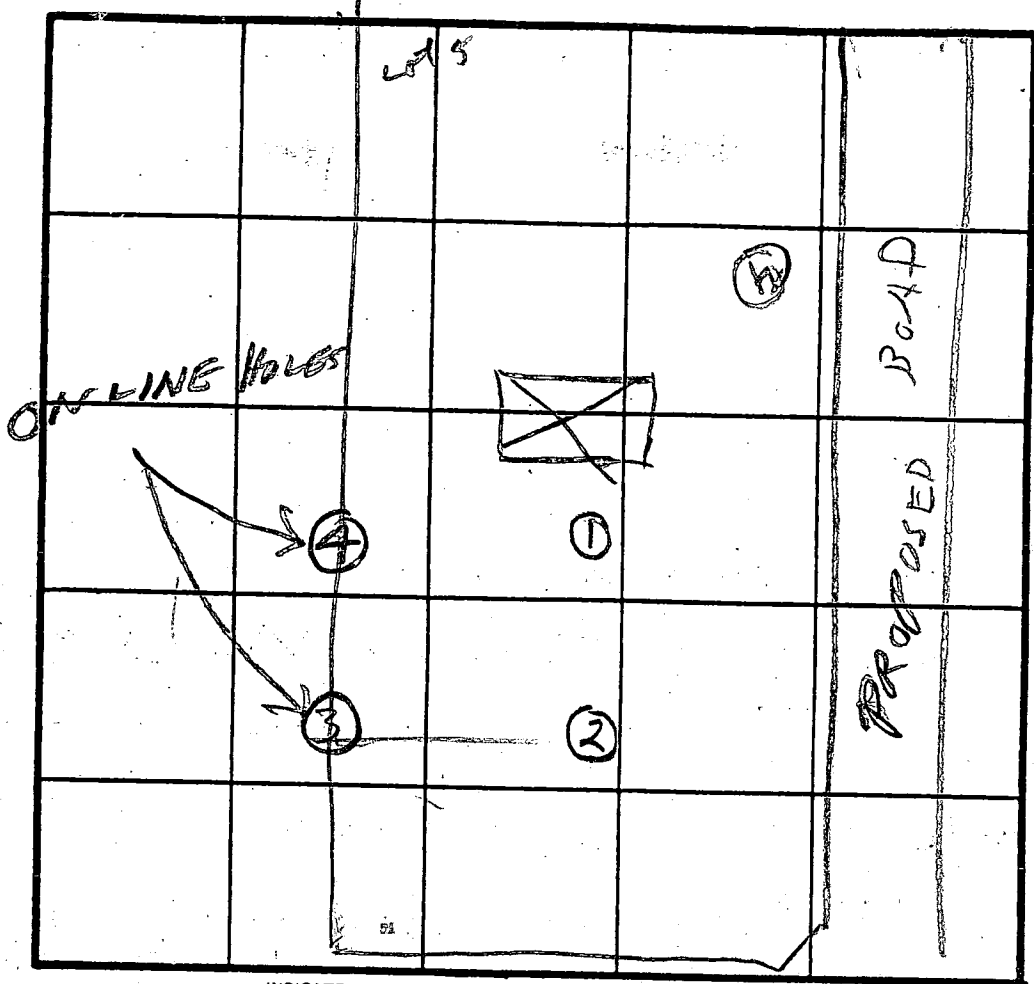
PINK BROWN SAND LOAM

0' BROWN CLAY

3' LIGHT BROWN SAND LOAM

0' LIGHT BROWN CLAY

2' LIGHT BROWN SAND LOAM



X 3 MIN
180 ft/BR
INLET 2 1/2'
BOTTOM 7 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DAN MARK DA

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/1/88	1 S	4	1148	1150	1150	1152	2
	1 D	6.5	1148	1152	1152	1154	2
	IV	12	OK				
	2 S	4	1158	1158	1158	1200	2
	2 M	11.5	OK				
	3 S	6	1205	1207	1207	1210	3
	3 V	13	OK				
	4 V	11.5	OK				
9/3/88							

ON LINE
LOTS 485
ON LINE
LOTS 486

REMARKS: Holes (1)(2) dug per Surveyor Test Plan
Holes (3)(4) (On Line Holes) dug differently R.H.
TYPE OF SOIL: R.H. HODGE
TESTED BY: R.H. HODGE
ALSO PRESENT: OFFYOLC

B 1 5385	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HD-94-0244 <small>fill in this form completely</small>
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>			
Date Received (APA) 102899		B 3 LOCATION OF WELL	
OWNER INFORMATION <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> JALOBSEN <small>15 Last Name</small> </div> <div style="width: 45%;"> CARL <small>34 First Name</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 8345 RESERVOIR RD <small>36 Street or RFD</small> </div> <div style="width: 45%;"> MD <small>57 Town</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> FULTON <small>70 State 72</small> </div> <div style="width: 45%;"> MD <small>Zip</small> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> HOWARD <small>8 COUNTY</small> </div> <div style="width: 45%;"> CHOI PROPERTY <small>21</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 6LEWOOD <small>52 NEAREST TOWN</small> </div> <div style="width: 45%;"> 1 M <small>73 76 77 78</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> SECTION: 44 46 <small>48 50</small> </div> <div style="width: 45%;"> LOT 5 <small>48 50</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 5512 Ridge Rd. Mt. Airy, Md. 21771 <small>Address</small> </div> <div style="width: 45%;"> 10/27/94 <small>Date</small> </div> </div>	
DRILLER INFORMATION Joseph E. Mayne <small>Driller's Name</small> Joseph E. Mayne Well Drilling <small>Firm Name</small> 5512 Ridge Rd. Mt. Airy, Md. 21771 <small>Address</small> Joseph E. Mayne <small>Signature</small> 24 <small>77 License No. 80</small>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 <small>14 20</small>		DANMARK DR. <small>11 NEAR WHAT ROAD</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> 325 <small>34 DISTANCE FROM ROAD</small> </div> <div style="text-align: center;"> FT <small>ENTER FT OR MI</small> </div> </div>	
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)		TAX MAP: _____ BLK: _____ PARCEL: _____ NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard <small>COUNTY NAME</small> A41968 <small>COUNTY NO.</small> 11/14/99 <small>DATE ISSUED</small> 11-14-95 <small>EXP. DATE</small> 528000 <small>NORTH GRID</small> 0597000 <small>EAST GRID</small>	
APPROXIMATE DEPTH OF WELL 260 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		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 <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> 7907 <small>E</small> </div> <div style="text-align: center;"> 528 <small>N</small> </div> </div>	
METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jettied & DRIVEN <input type="checkbox"/> AIR-ROTARY <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTary <input type="checkbox"/> DRIVE-POINT <input type="checkbox"/> other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
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 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41		Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP <small>54 63</small> FORCE RP <small>WRITE INITIALS IN BOX</small> PERMIT No. HD-94-0244 <small>67 68 70 71 72 73 74 75 76 77 78 79</small>	
SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =			

C1 5908

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A 41968

(THIS NUMBER IS TO BE PUNCHED
IN COLUMNS 3-6 ON ALL CARDS)ST/CO USE ONLY:
DATE RECEIVED

8 13

DATE WELL COMPLETED

120194

Depth of Well

22 245 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H0-94-0249

OWNER Jacobson last name Danmark Dr first name Carl TOWN Glenwood
STREET OR RFD
SUBDIVISION Choi Property SECTION LOT 5

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed) FEET FROM TO Check
if water bearingSAND
GRAY MICAC
ROCK0 46
46 245

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ no ☐

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☒NO. OF BAGS 14 NO. OF POUNDS 1316GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 41 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

ST

6

50

OTHER CASING (if used)

diameter depth (feet)
inch from toscreen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHERIN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED

yes ☒ no ☐

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
WELLI 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.DRILLERS IDENT. NO. 24DRILLERS 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

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min. to nearest gal.) 8.5METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 42WHEN PUMPING 145

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:

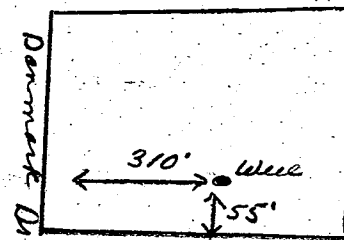
CAPACITY:

GALLONS PER MINUTE
(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH
(nearest ft.)CASING HEIGHT (circle appropriate box
and enter casing height)above ☒ below ☐ LAND SURFACE 2 (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)

COUNTY

5/11/95
P.M. 5/15/95
11-12
No.

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

5/11/95
No
C.B.A.

APPLICATION FOR PITLESS ADAPTER, WELL LINE PUMP AND PRESSURE TANK INSTALLATION

New Installation _____
Replacement _____

Receipt # _____
Date _____

Name of Installer _____

Telephone _____

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner _____

Telephone _____

Subdivision Choi Property Lot # 5

Well Tag # _____

Site Address 3303 Sand Road

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____

Motor

1. Horsepower _____
2. RPM _____
3. Voltage
 - a. 110 _____
 - b. 220 _____

Pitless Adapter

1. Make _____
2. Model # _____
3. Depth _____

2. Make _____

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

1. Capacity _____
2. Pressure relief valve? _____

Piping

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

Well data

1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
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 (green) sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER

DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER

DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DISTRICT HOWARD SOIL CONSERVATION DIST.

DATE

SEEDING NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION 1992-2437.
- ALL VEGETATIVE AND EROSION CONTROL MEASURES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DRES, PERIMETER SLOPES AND ALL GREATER THAN 3:1, 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 501.500 (SEC. 54)), TEMPORARY SEEDING (SEC. 501.500 (SEC. 52)), TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	30.13 ACRES
AREA DISTURBED	0.48 ACRES
AREA TO BE ROOFED OR PAVED	0.12 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.36 ACRES
TOTAL CUT	C.U.YDS.
TOTAL FILL	C.U.YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE 015 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 80 LBS./ACRE (1.8 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE 500; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (90 TO 120 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEWING CROWWEED AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1,000 SQ.FT.)

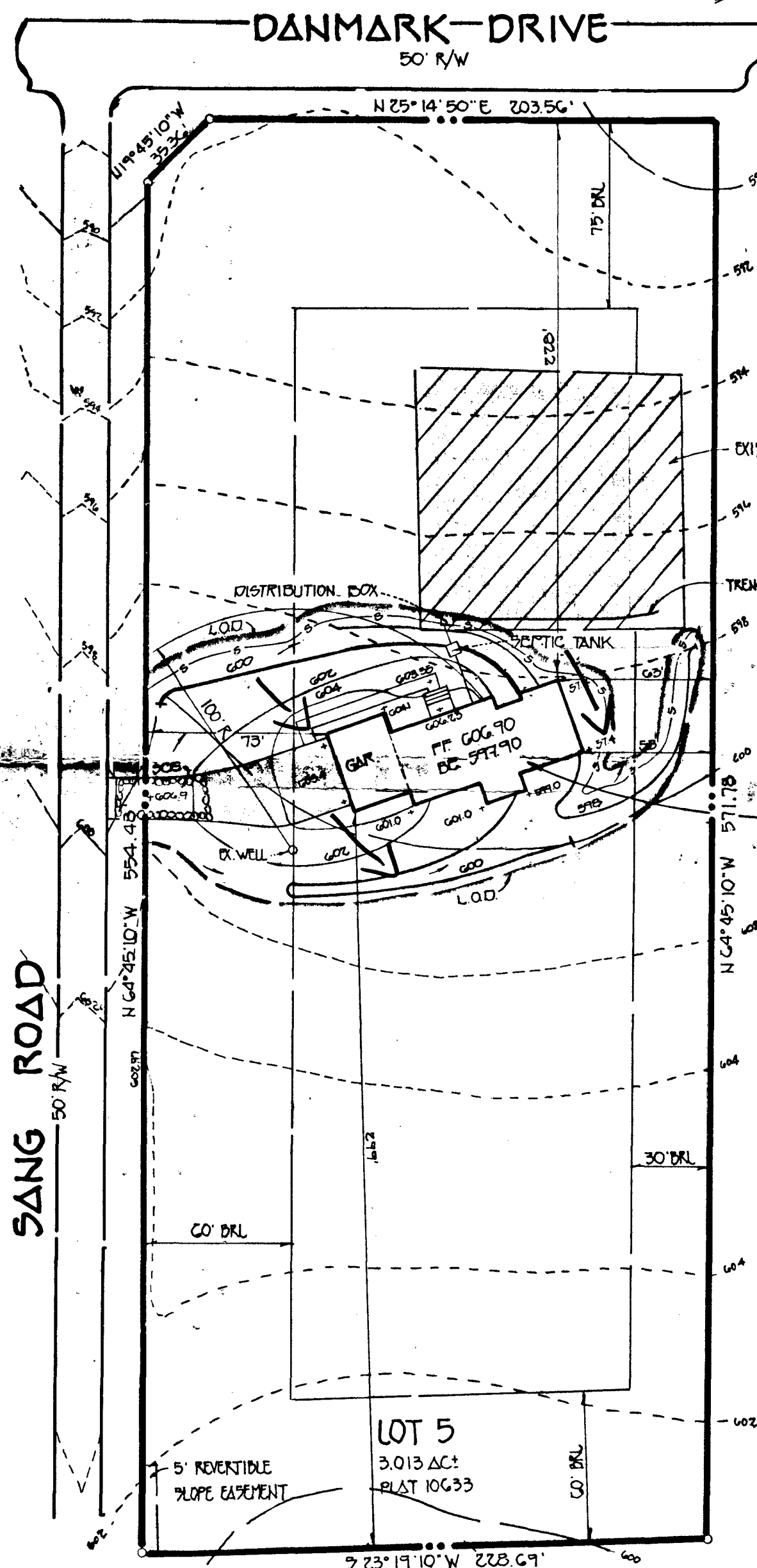
SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL ACRE (3.2 LBS./1,000 SQ.FT.) OF THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1,000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



VICINITY MAP

SCALE: 1"=200'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT NO.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION: 597.9
B. BASEMENT ELEVATION: 597.9
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 598.6
D. INVERT IN AT SEPTIC TANK: 595.4
E. INVERT OUT AT SEPTIC TANK: 595.4
F. PROPOSED GRADE OVER SEPTIC TANK: 600.0
G. INVERT AT DISTRIBUTION BOX: 595.0
H. EXISTING GROUND OVER DISTRIBUTION BOX: 599.5
I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
J. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

Approved Septic System Plan
Howard County Health Department

Signature: *Choi* Date: 3/14/95

PROPOSED FOUR BEDROOM
TWO STORY DWELLING

PLAN TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT
CHOI PROPERTY

LOT 5

TAX MAP 14-
4TH ELECTION DIST.
SCALE: 1"=50'

EX. ZONING: R PARCEL 106
HOWARD COUNTY, MARYLAND
DATE: JANUARY 11, 1995

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
971 BALTIMORE NATIONAL PIKE, SUITE 100
ELLICOTT CITY, MARYLAND 21042
(410) 461-2955

SILT FENCE

NOT TO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OF STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND TIED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

DATE: 10/15/98

HOLLY HILLS ESTATES

P.B. #6176

LOT 3

S 23° 19' 10" W 228.69'

LOT 5

LOT 4
COV. CONC.
PORCH

CHIMNEY
(2.3' x 5.0')

BOX
WINDOW

Deck

2 STORY
BRICK & VINYL
SIDING DWLG.

BSMT.
ENTR.

DETAIL
SCALE: 1" = 30'

(4.0' x 11.6')
BRICK
PORCH
W/STEP

BRL. BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 600.52'

571.78'

S 64° 45' 10" E

EX. SEPTIC
EASEMENT

N 25° 14' 50" E 203.56'

DANMARK DRIVE

(50' R/W)

LOT 5
"CHOI PROPERTY"

1-32

4TH ELECTION DISTRICT
HOWARD COUNTY, MD.
PLAT REFERENCE #10633

ROAD

SEE DETAIL

MAC.
DRIVE

(50' R/W)

SANCT

554.48'

60'
B.R.L.

N 64° 45' 10" W

N 17° 45' 10" W
35.36'

10/15/98
proposed deck
location & as
shown.

(DLS)

HOUSE LOCATION
DRAWING

FOUNDATION LOCATION: 1-3-95
FINAL LOCATION: 7-7-95
BOUNDARY SURVEY:

SCALE: 1" = 100'
DATE: 7-7-96

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
9171 BALTIMORE NATIONAL PIKE, SUITE 100
ELLICOTT CITY, MARYLAND 21042
(410) 461-2855

ARMITAGE - 3303 SANG Rd. FINISHED BASEMENT

Phase 1- Cedar
Closet, storage, home
theater

Phase 2 - Exercise
room with washer and
dryer hookup, laundry
tub hookup

Phase 3 - Office,
bedroom, bath and
closet

video
closet

1/8" per ft Scale

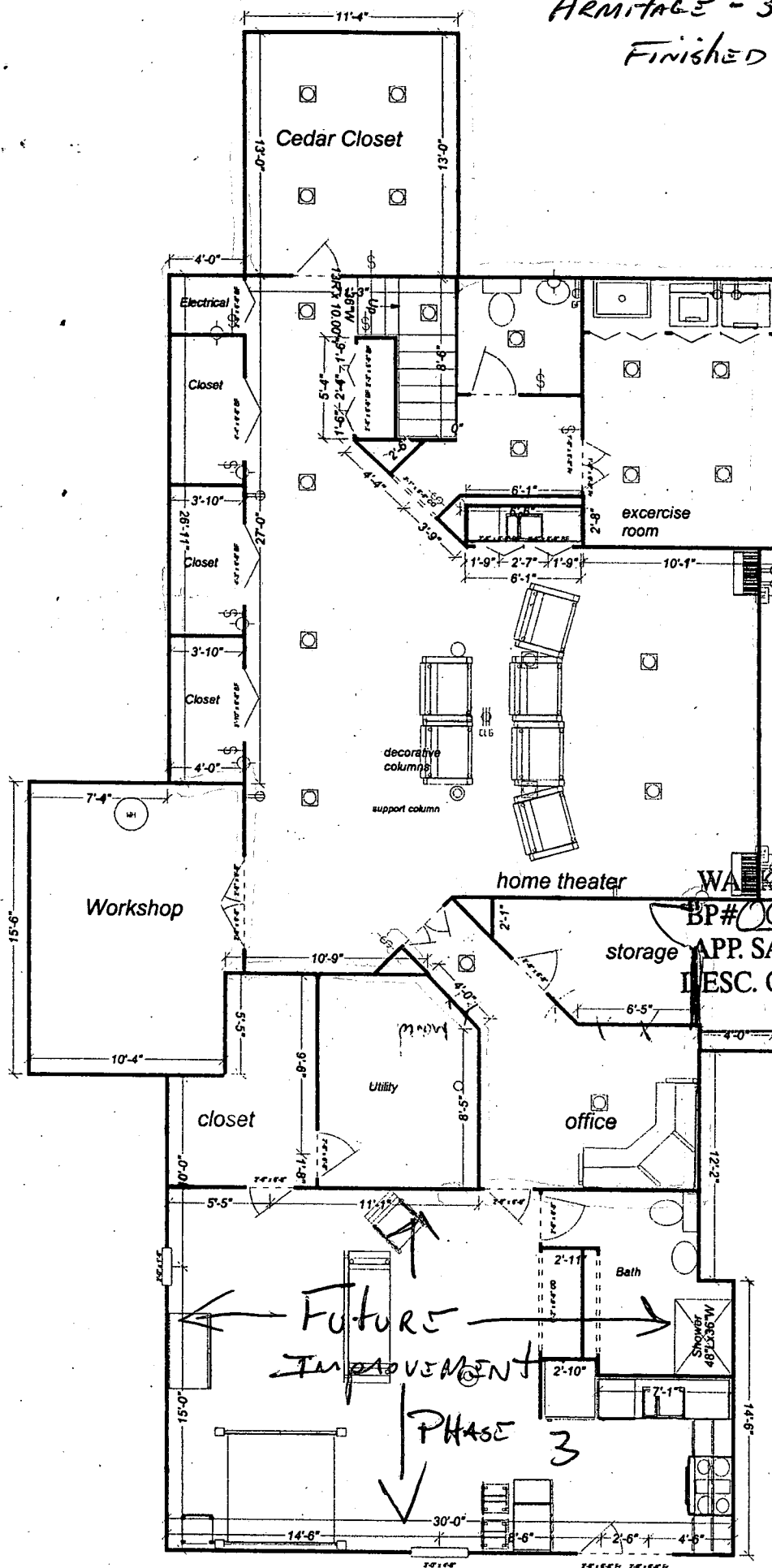
APPROVED

WALKTHRU BUILDING PERMIT

BP#00147943 A# 41968

APP. SAN FJB DATE: 5/5/04

DESC. OF WORK: Finish Basement



Future
IMPROVEMENT
PHASE 3