LAYOUT 7/23/04 INSP 4 _____

INSP 2 8/23/04-2PM INSP 5 _____

INSP 3 _____ INSP 6 _____

ISSUE DATE: 5/9/2004

APPROVAL DATE: 8/24/04

PERMIT

INDEXED

P 520408

A 34800

ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

South Carroll Backhoe IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 4410 Salem Bottom Road, 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: Nicholas Sharp Property LOT NUMBER: 9

ADDRESS: 3710 Sharp Road PROPERTY OWNER: C. Knudsen Builders, LLC

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 147 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest elevation in the SDA.
NOTES:	

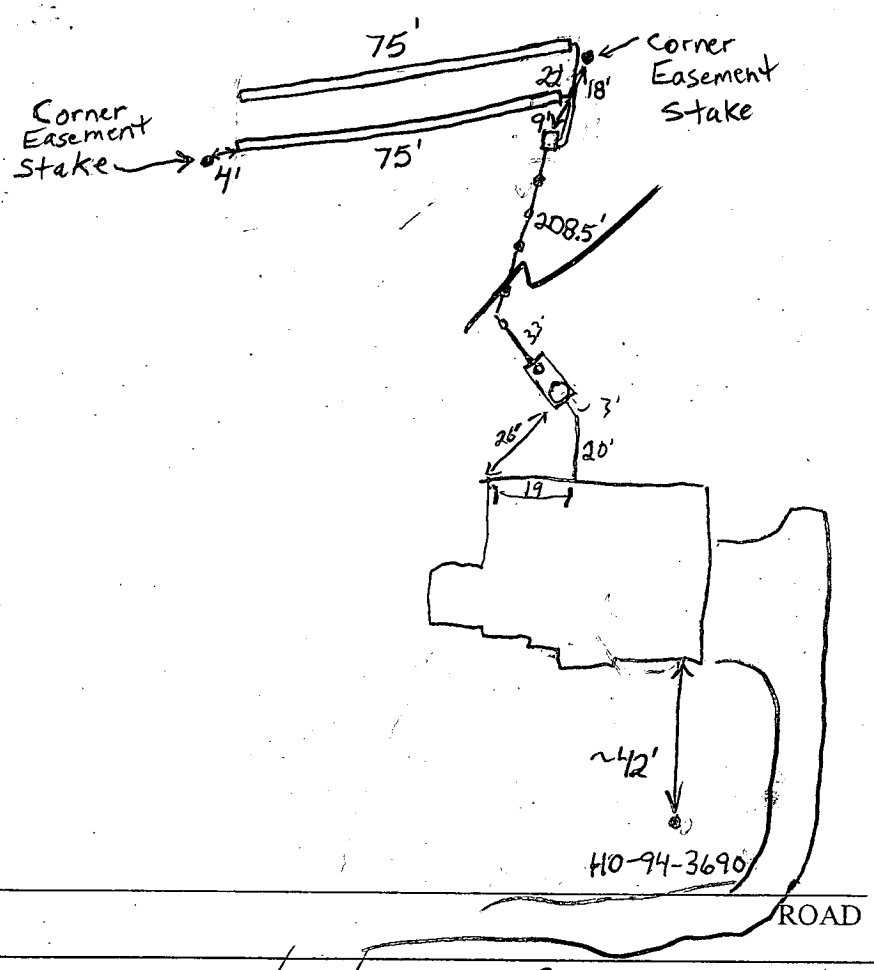
PLANS APPROVED: Kevin Bell **Reviewed by:** _____ DATE: 3/9/04

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 34800

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	8'

NUMBER OF TRENCHES 2
TOTAL LENGTH 150'
ABSORPTION AREA 450'+Sidewall
DISTRIBUTION BOX LEVEL Yes
DISTRIBUTION BOX BAFFLE Yes
DISTRIBUTION BOX PORT No

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL ✓
2-Comp. CAPACITY 1500 GAL
SEAM LOC Top
TANK LID DEPTH 1-2'
BAFFLES Yes
BAFFLE FILTER No
MANHOLE LOC Front
6" PORT LOC Back
WATERTIGHT TEST No

SEPTIC TANK 2 LEVEL N/A
CAPACITY ____ GAL
SEAM LOC ____
TANK LID DEPTH ____
BAFFLES ____
BAFFLE FILTER ____
MANHOLE LOC ____
6" PORT LOC ____
WATERTIGHT TEST ____

PRE-CONSTRUCTION 7/23/04 - SRA not staked, Tank set. OK to cover tank. Call after staked (SO)

INSTALLATION 8/23/04 - SRA staked, contours appear accurate. Install (2) 75' trenches; c/o's every 70' (SO)

8/24/04 Gave contractor O.K. to cover. Still had 25% of last trench to stone and tank needed baffles. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 8/24/04

P/O PARCEL 200
LOT 8
PLAT 15943
ZONE: RR-DEO

S 30°54'46" W 208.81'

EX. SEPTIC RESERVE AREA AS SHOWN ON PLAT No.15943

60' BRL

GRID NORTH

P/O PARCEL 200
LOT 6
PLAT 10880
ZONE: RR-DEO

S 42°23'17" E

LOT 9

N 42°23'17" W

30' BRL

30' BRL

6/9/04
Wall check O.k
house lowered 1'. Elevations
still O.k.

SEE DETAIL

86'±

42'±

P/O PARCEL 200
LOT 5
PLAT 10880
ZONE: RR-DEO

P/O PARCEL 200
LOT 3
PLAT 07829
ZONE: RR-DEO

709.26'

WELL
HO-94-3690

671.27'

192'±

PRIVATE USE-IN-COMMON ACCESS EASEMENT FOR THE USE AND BENIFIT OF LOTS 5,6 AND 8.(FORMERLY LOTS 5,6 AND 7) MAINTEANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY,MARYLAND IN LIBER 4843 AT FOLIO 680.

24'

75' BRL

222.72'

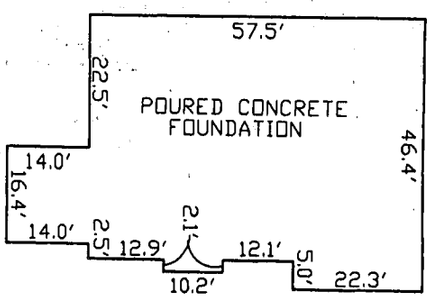
N 21°30'34" E

SHARP ROAD
LOCAL ROAD

TOP OF FOUNDATION WALL ELEVATION = 545.5'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 03/30/04 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY FISHER,COLLINS & CARTER, INC. ENTITLED " PROPERTY OF NICHOLAS O. SHARP LOTS 8 AND 9 ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.15943



FOUNDATION DETAIL

SCALE: 1" = 30'

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 15943
FEMA FIRM No. 240044 0020 B
ZONE: C
DATED: 12/04/86

STATE OF MARYLAND
DAVID MICHAEL HARRIS
No. 10978
REGISTERED
PROFESSIONAL LAND SURVEYOR
04/01/04

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
phone: 410-465-6105 ▲ fax: 410-465-6644
email: Benchmrk@cais.com

WALL CHECK

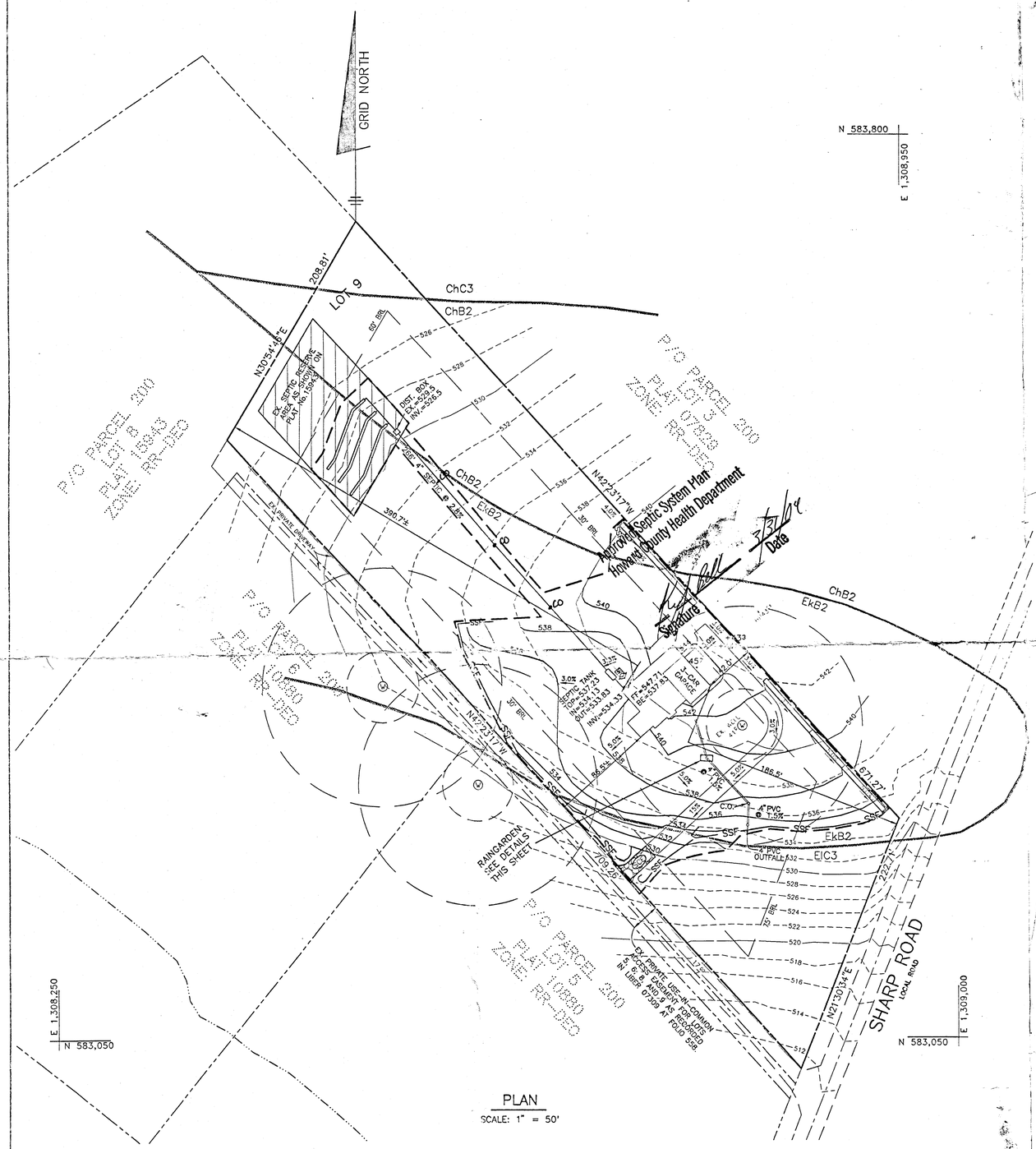
PROPERTY OF NICHOLAS O. SHARP LOTS 8 AND 9

LOT No. 9

3710 SHARP ROAD

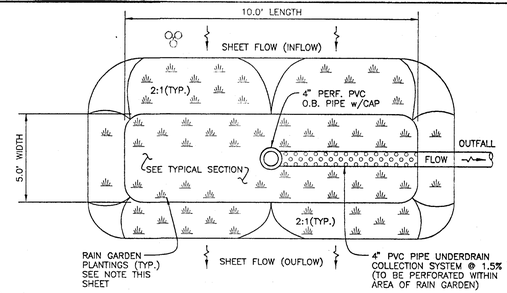
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: 03/30/04

\\sa\vol1\engineer\projects\1694 Nicholas O. Sharp\dwg\8588B09.dwg, wallcheck, 3/31/2004 11:50:21 AM, EWF, 1:1

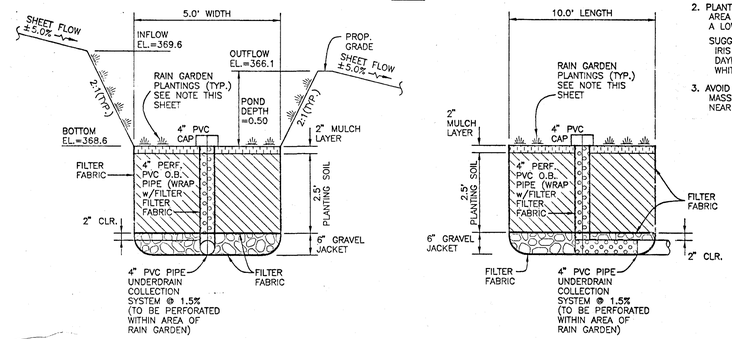


PLAN

SCALE: 1" = 50'



PLAN



TYPICAL PROFILE — RAIN GARDEN DETAIL — TYPICAL SECTION

NOT TO SCALE

RAIN GARDEN – LANDSCAPE DATA

HYDROLOGIC ZONE 3 – REGULARLY INUNDATED SHORELINE FRINGE (HIGH MARSH)

HYDROLOGIC CONDITION – 0" TO 1'-0" DEEP
HARDINESS – TEMPERATE ZONE 6b (-5° TO 0°)
SEE SHEET 2 FOR SEQUENCE OF CONSTRUCTION

NOTE: REFER TO MDE 2000 MD STORMWATER DESIGN MANUAL, VOLUMES 1 & 2 FOR LANDSCAPE CONTRACTOR RESPONSIBILITIES, PRACTICES AND MAINTENANCE DUTIES

RAIN GARDEN – PLANTING DATA

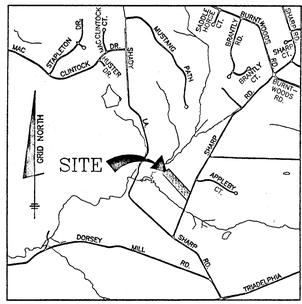
1. PLANTINGS WITHIN THE PONDING AREA OF THE RAIN GARDEN ARE TO BE OF A MEDIUM TO HIGH WATER TOLERANCE

   SUGGESTED SPECIES:
   CREEPING BUGLEWEED (AJUGA REPTANS)
   COMMON PERIWINKLE (VINCA MINOR)
   LILY-TURF (LIRIOPE, SP.)

2. PLANTINGS ALONG THE PERIMETER (BERM) AREA OF THE RAIN GARDEN ARE TO BE OF A LOW TO MEDIUM WATER TOLERANCE

   SUGGESTED SPECIES:(PERENNIALS/ANNUALS)
   IRIS (IRIS VERSICOLOR)
   DAYLILY (HEMEROCALLIS SP.)
   WHITE GLORY (ASTIBLE SP.)

3. AVOID PLANTINGS WITH EXCESSIVE ROOT MASS IN POND AREA OF THE RAIN GARDEN NEAR O.B. PIPE AND UNDERDRAIN.



VICINITY MAP

SCALE: 1" = 2000'

LEGEND

SOILS CLASSIFICATION	AbC1
SOILS DELINEATION	
EXISTING CONTOURS	999
PROPOSED CONTOURS	999
EXISTING STRUCTURE	
PROPOSED STRUCTURE	
DRAINAGE AREA	
DRAINAGE DIVIDE	
Tc STUDY PATH	Ⓐ Ⓑ
LIMIT OF DISTURBANCE	
STABILIZED CONSTRUCTION ENTRANCE	
SUPER SILT FENCE	SSF
SOIL STABILIZATION MATTING	

MATERIALS AND SPECIFICATIONS FOR RAIN GARDEN

MATERIAL	SPECIFICATION	SIZE	NOTES:
PLANTINGS	SEE APPENDIX A; TABLE A.4	N/A	PLANTINGS ARE SITE SPECIFIC
PLANTING SOIL (2.5' TO 4.0' DEEP)	SAND: 30–60% SILT: 30–55% CLAY: 0–25%	N/A	USDA SOIL TYPES: LOAMY SAND, SANDY LOAM OR LOAM
MULCH	SHREDDED HARDWOOD	N/A	NO CHOKING MULCH
GEOTEXTILE (CLASS "C")	APPARENT OPENING SIZE: (ASTM D-4751) GRAB TENSILE STRENGTH: (ASTM D-4632) PUNCTURE RESISTANCE: (ASTM D-4833)	N/A	FOR USE AS NECESSARY BENEATH UNDERDRAINS ONLY
UNDERDRAIN GRAVEL	AASHTO M-43	0.375" TO 0.750"	
UNDERDRAIN PIPING	F758, TYPE PS28 OR AASHTO M-278	4" TO 6" RIGID SCH.40 PVC, SDR35 OR HDPE	3/16" PERF. @ 6" O/C, 4 HOLES PER ROW; MINIMUM OF 3" OF GRAVEL OVER PIPES; NOT NECESSARY UNDERNEATH PIPES

OPERATION & MAINTENANCE SCHEDULE FOR RAIN GARDENS

1. ANNUAL MAINTENANCE OF PLANT MATERIAL AND MULCH LAYER IS REQUIRED. MAINTENANCE OF MULCH IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH-OUT. ANY REPLACEMENT OF MULCH SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE & INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL & PRUNING.

2. SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN THE SPRING AND FALL. THIS INSPECTION WILL INCLUDE; REMOVAL OF DEAD & DISEASED VEGETATION CONSIDERED BEYOND TREATMENT; TREATMENT OF ALL DISEASED TREES & SHRUBS; AND REPLACEMENT OF ALL DEFICIENT STAKES & WIRES.

3. MULCH SHALL BE INSPECTED EACH SPRING. REMOVE THE PREVIOUS MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY 2 TO 3 YEARS.

4. SOIL EROSION TO BE ADDRESSED ON AN AS-NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER HEAVY STORM EVENTS.

GENERAL NOTES

1.) THE LOT SHOWN HEREON WAS RECORDED ON PLAT No.15943. REFER TO TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICIONS.

2.) ▨ THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 S.F. (OR 10,000 S.F. PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL SYSTEM) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

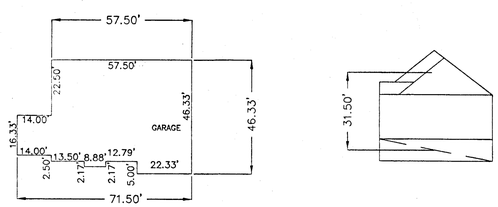
3.) ALL WELLS AND SEPTIC SYSTEMS ON ADJACENT PROPERTIES, WITHIN 100' OF THE PROJECT BOUNDARY, HAVE BEEN SHOWN ON THE PLANS.

4.) EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

5.) SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION.

6.) TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN, PERFORMED BY BENCHMARK ENGINEERING, INC. ON OR ABOUTSEPTEMBER, 2003. CONTOUR INTERVAL IS TWO FEET.

7.) ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.



FOOTPRINT

SCALE: 1" = 30'

ADDRESS CHART

LOT NO.	STREET ADDRESS
9	– NW SHARP ROAD

NOTE: THE EXISTING WELL SHOWN ON THIS PLAN ON LOT 9 HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.

SOILS LEGEND

MAP SYMBOL	SOIL TYPE	MAPPING UNIT
ChB2	B	CHESTER SILT LOAM – 3 TO 8 PERCENT SLOPES – MODERATELY ERODED
ChC3	B	CHESTER SILT LOAM – 8 TO 15 PERCENT SLOPES – SEVERELY ERODED
EkB2	C	ELIOAK LOAM – 3 TO 8 PERCENT SLOPES – MODERATELY ERODED
EIC3	C	ELIOAK SILTY CLAY LOAM – 8 TO 15 PERCENT SLOPES – SEVERELY ERODED

SOILS MAP No.13

NO.	DATE	REVISION

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
E-MAIL: benchmrk@cais.com

B00146302
REVISED
Date: 3-26-04
Comments: correct footprint of house

DEVELOPER:
C. KNUDSEN DEVELOPMENT, LLC
8455 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21043
PHONE: 410-465-2222

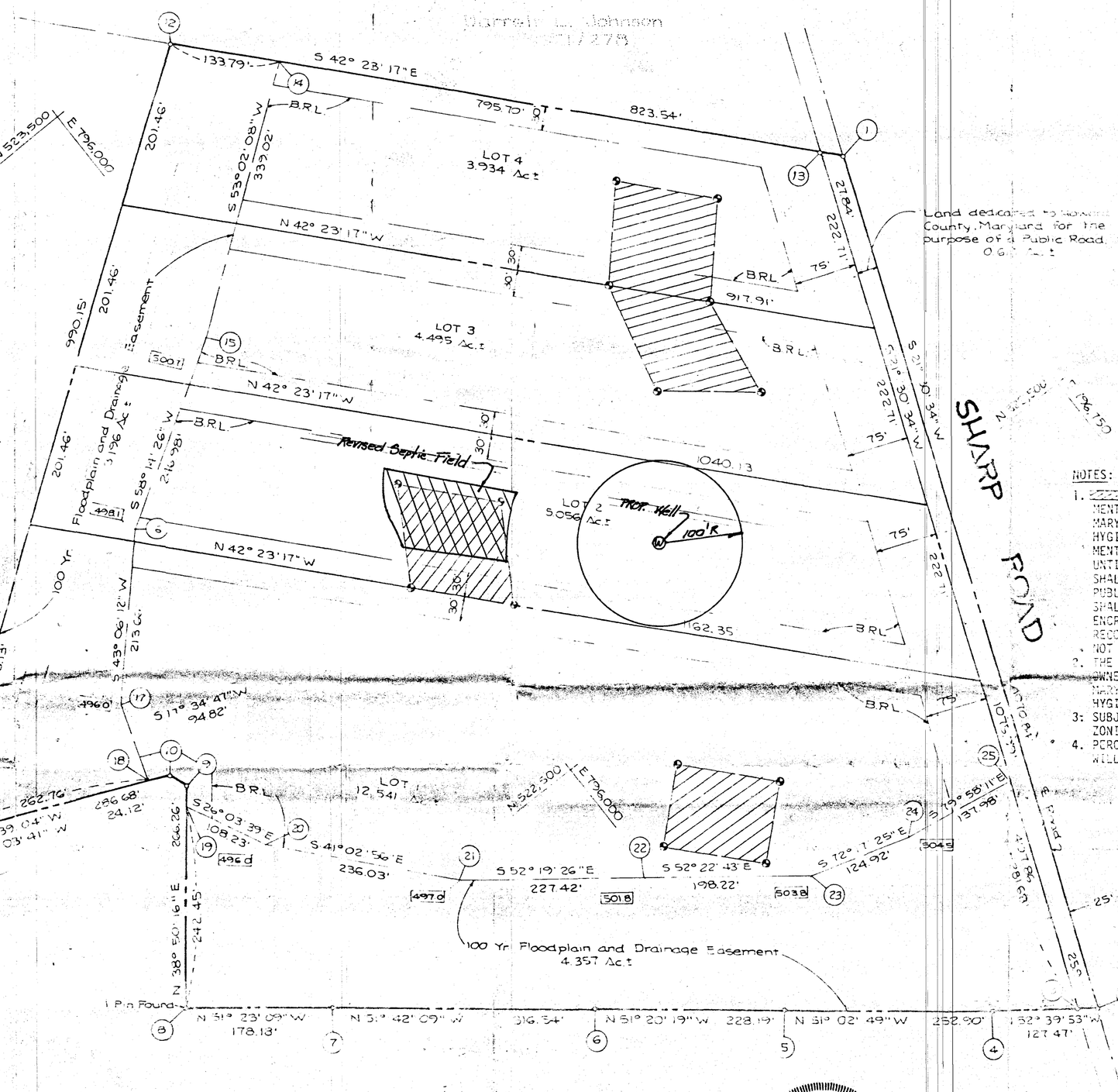
PROJECT: SHARP PROPERTY
LOT 9

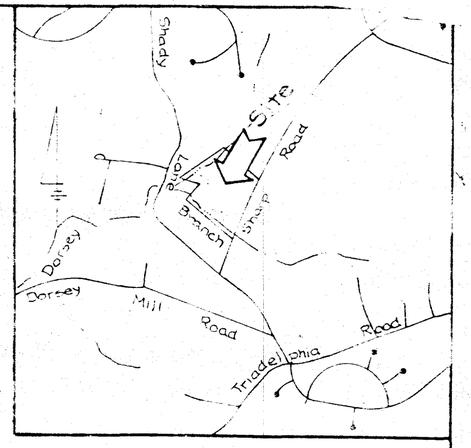
LOCATION: TAX MAP 21 – GRID 12
P/O PARCEL 200
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: PERMIT PLAN

Design: DAM	Draft: EDD	Check: DAM	DATE: FEBRUARY, 2004 –
SCALE: AS SHOWN			PROJECT NO. 1694
			DRAWING 1 OF 1

COORDINATE TABLE:		
NO.	NORTH	EAST
1	522876.41	796713.88
2	521800.15	796321.25
3	521895.91	796300.59
4	521957.45	796219.90
5	522116.45	796023.23
6	522259.00	795845.05
7	522455.17	795596.52
8	522556.37	795457.40
9	522773.77	795624.38
10	522796.12	795615.32
11	522909.74	795352.11
12	523484.68	796158.69
13	522896.97	796695.11
14	523385.86	796248.88
15	523182.00	795973.00
16	523052.00	795768.00
17	522896.00	795622.00
18	522805.60	795593.36
19	522755.23	795609.45
20	522658.00	795657.00
21	522480.00	795812.00
22	522341.00	795992.00
23	522220.00	796149.00
24	522182.00	796263.00
25	522157.97	796403.37





Vicinity Map
Scale 1" = 2000'

NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND 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 NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
3. SUBJECT PROPERTY ZONED "R" PER 8/2/85 COMPREHENSIVE ZONING PLAN.
4. PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.

LEGEND

DENOTES LOCATION OF DWELLING

DENOTES PROPOSED WELL

DENOTES FIELD LOCATION OF PERC HOLES

Owner and Developer
Nicholas O. Sharp
3737 Sharp Road
Glenwood, Maryland 21738

Fisher, Collins and Carter, Inc.
Civil Engineers and Land Surveyors
8388 Court Avenue
Ellicott City, Maryland 21043
Tele (301) 461-2855

Approved for Private Water and Private Sewerage Systems Howard County Health Department
Dave Mutterle 7/20/89
COUNTY HEALTH OFFICER DATE

STATE OF MARYLAND
ZACHARIA YOSEF FISCH
22418
PROFESSIONAL ENGINEER

Zacharia Y. Fisch
7/14/1989
(For Red-line only)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

5-8-86
COUNTY HEALTH OFFICER DATE

Lincoln E. Carter 4/15/1986

Revised Perc Certification for Lot 2

Perc Certification Plat for
Property of
NICHOLAS SHARP

Fourth Election District
Howard County, Maryland

Scale: 1" = 100'

March 10, 1986

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

[illegible] for the Installation of the Well Pump, Pitless Adapter, and Supply [illegible]ping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the [illegible]ired inspection. No work is to be covered until approved by the Health Department. All installations [illegible]t comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.[illegible] D Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy [illegible] approval.

Company Name: Shelton P&H, Inc. Telephone #: 410 775-2127
Address: 11713 Jordan Valley Rd.
Union Bridge, MD 21791

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Instal[illegible]
License # and name of individual responsible for the field installation:
Name (Print): George Shelton, Jr. License# 16905
*A licensed individual must perform the actual installation. Apprentices must be under the dir[illegible] supervision of a licensed journeyman or master plumber, pump installer or well driller. Licens[illegible] may be subjected to field verification.

Name of Property Owner: Huang Telephone #: 410 465-2222 [illegible]ston Builders
Subdivision: Nichols Sharp Lot #: 9 Well Tag # : HO-[illegible]
Site Address: 3710 Sharp Rd.
Glenwood, MD 21738

Submersible Pump Data
Make: Goulds
Model #: 26S10
Pump Capacity 10 GPM
Well Yield 20 GPM

Pitless Adapter
Make: Campbell
Model#: PA-200
Depth: 42" (36" min)
NSF approved: ___

Well Cap and Electric Con[illegible]
Two piece watertight cap: [illegible]
Screened, vented well cap: [illegible]
Cap secured to casing: ✓
Conduit min 18" B.G.: ✓
Conduit secured to well cap: [illegible]

Depth of well encountered at time of pump installation: ___ (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section [illegible]
Torque arrestors or Cable guards are required – Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt ___

Piping to house
Type: Polyethylene
PSI: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: ✓
Approximate length of sleeve: 20'
Sleeve caulked and sealed properly: ✓

The water supply line is required to be at least ten feet from the septic tank, pump chamber, [illegible] piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact the office for approval prior to installation.

Signature of company representative responsible for installation 11-23-04 date

For Health Department Use Only – Not to be completed by Installer

Date Insp. Requested: ___ Date Insp. Approved: 8/30/04 BB

Inspection Data:
- Pitless adapter and water supply line at least 36" below grade ✓
- Two piece cap installed and attached to casing securely ✓
- Elec. conduit extends at least 18" below grade/attached to cap properly ✓
- Safety rope installed inside of well casing ✓
- Correct well tag attached properly and casing 8" above finished grade ✓
- Water supply line sleeved adequately at house connection ✓
- Adequate grout observed below pitless adapter ✓

C 1 | 14181 | SEQUENCE NO. (MDE USE ONLY)

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A34800

ST/CO USE ONLY
DATE Received MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 4 03 15 20

Depth of Well 280 22 26 (TO NEAREST FOOT)

OK (ED) 6/19/03

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0 94 3690 28 29 30 31 32 33 34 35 36 37

OWNER SHARP (last name) NICK (first name)

STREET OR RFD SHARP ROAD TOWN GLENWOOD

SUBDIVISION NICHOLAS SHARP PROPERTY SECTION LOT 2 9

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Sand	0	62	
Gray Mica Perch	62	280	✓

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y no N

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 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. M SD 024

Joseph L Mayne
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. D

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y 44 no N 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM 45 46 BENTONITE CLAY BC 45 46

NO. OF BAGS 20 NO. OF POUNDS 1880

GALLONS OF WATER 120

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. (48 TOP 52) to 55 ft. (54 BOTTOM 58)

(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
ST (60 61)	6 (63 64)	66 (66 70)

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

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

C 2 DEPTH (nearest ft.)

EACH SCREEN			
1	HO (8 9)	64 (11 15)	280 (17 21)
2	(23 24)	(26 30)	(32 36)
3	(38 39)	(41 45)	(47 51)

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (56 60) (NEAREST INCH)

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

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

T (E.R.O.S.) W Q

70 TELESCOPE CASING 72 LOG INDICATOR 74 75 76 OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3 (8 9)

PUMPING RATE (gal. per min.) 20 (11 15)

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 49 ft. (17 20)

WHEN PUMPING 53 ft. (22 25)

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 INSTALLED PUMP (CIRCLE) (YES or NO) 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. 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) (31 35)

PUMP HORSE POWER (37 41)

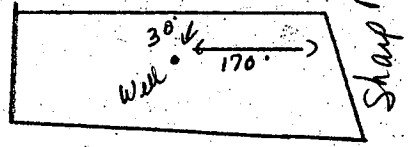
PUMP COLUMN LENGTH (nearest ft.) (43 47)

CASING HEIGHT (circle appropriate box and enter casing height)

+ above (49) / − below (49) LAND SURFACE 2 (nearest foot) (50 51)

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)



DENV-CR00

COUNTY

Page ___ of ___
Date 5-9-03

NO INSPECTION

Review ___

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3690
Location of property (road) SHARP ROAD
Subdivision NICHOLAS SHARP PROPERTY Lot 2 Block 11 Plat ___ Sec. ___
Well Driller JOSEPH MAYNE Owner NICK SHARP

Depth of well 280
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 49'

I. High rate pumping -- reservoir drawdown

Time pump started 10:50 Pumping rate 20 gpm
Total time 15 min to reach pumping water level 53 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
11:05	53	3		20
11:20	53	3		20
11:35	53	3		20
11:50	53	3		20
12:05	53	3		20
12:20	53	3		20
12:35	53	3		20
12:50	53	3		20
1:05	53	3		20
1:20	53	3		20
1:35	53	3		20
1:50	53	3		20
2:05	53	3		20

HD-224

EMERGENCY/TEMP NO. IF ANY

B 1 **5115** — SEQUENCE NO. (MDE USE ONLY)

4/7/03

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

518615 please type

STATE PERMIT NUMBER: HO-94-3690

fill in this form completely

Date Received (APA): 04/07/03

OWNER INFORMATION

Sharp — Owner Last Name
Nick — First Name
3654 Sharp Rd — Street or RFD
Glenwood — Town
Md — State
21738 — Zip

DRILLER INFORMATION

Joseph L. Mayne — Driller's Name
M5D24 — License No.
Joseph L. Mayne Well Drilling — Firm Name
5512 Ridge Rd. Mt Airy Md. 21771 — Address
Joseph L. Mayne — Signature
4/4/03 — Date

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)

- D — DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F — FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
- I — INDUSTRIAL, COMMERICIAL, DEWATERING
- P — PUBLIC WATER SUPPLY WELL
- T — TEST, OBSERVATION, MONITORING
- G — GEO-THERMAL

APPROXIMATE DEPTH OF WELL: 300 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST 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

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- N — THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y — THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S — THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D — THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER — G —

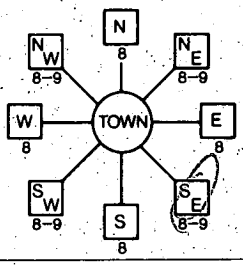
PERMIT No. HO-94-3690

B 3 LOCATION OF WELL

Howard — COUNTY
Nicholas Sharp Property — SUBDIVISION
SECTION — LOT 3G
Glenwood — NEAREST TOWN
MILES FROM TOWN (enter 0 if in town): 3 M I

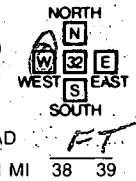
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Sharp Road — NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD: 100 FT (ENTER FT OR MI)

TAX MAP: 21 BLK: 11 PARCEL 200

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard — COUNTY NAME
A34800 — COUNTY NO.
STATE SIGNATURE — INSERT S
DATE ISSUED 5/7/03 — CO SIGNATURE — EXP. DATE 5/7/04

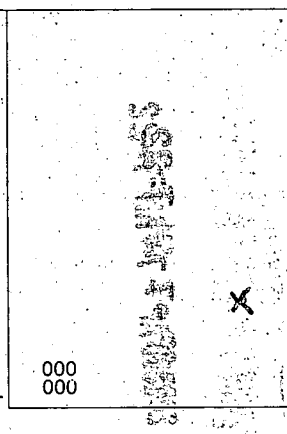
NORTH GRID 523 000 — EAST GRID 796 000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

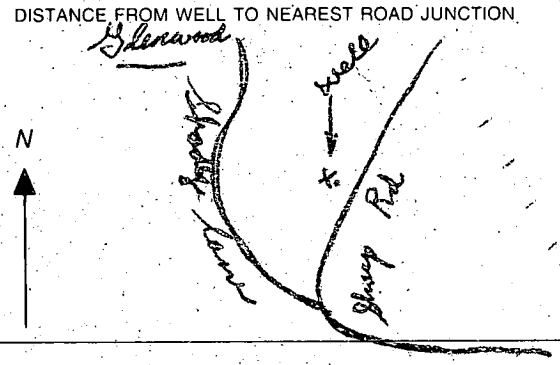
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 796
N 523



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



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

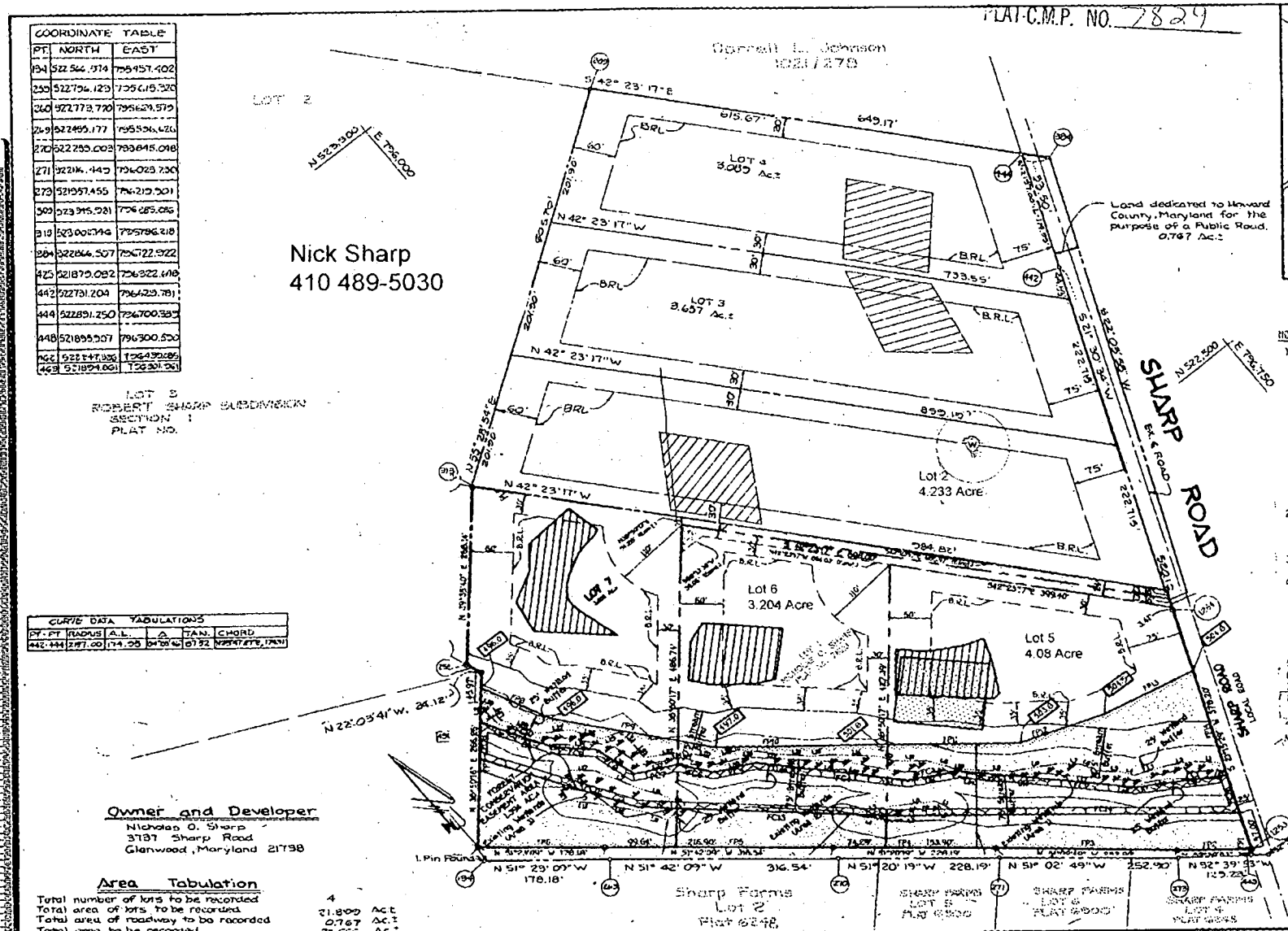
Date: 4/2/03

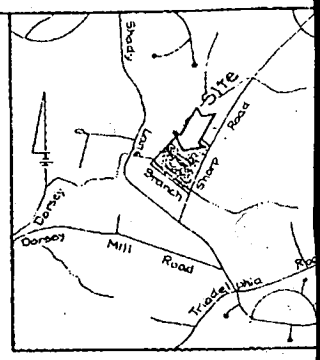
From: Nick Sharp Phone: 410 489-5030 Fax: 410 489-4550 To: Jak

PLAT-C.M.P. NO. 7829

COORDINATE TABLE		
PT.	NORTH	EAST
194	522 566.974	795457.402
255	522794.123	795615.320
260	522773.770	795624.575
269	522495.177	795536.626
270	522255.003	795845.018
271	522116.445	796023.730
273	521957.455	796210.501
309	523315.521	796285.026
310	523005.344	795796.218
384	522864.507	795722.922
425	521870.082	796322.608
442	522731.204	796429.781
444	522891.250	796700.385
448	521855.507	796300.530
466	522147.936	796439.086
469	521894.061	795301.061

CURVE DATA TABULATIONS					
PT. PT	RADIUS	A.L.	Δ	TAN.	CHORD
442-444	2187.00	174.55	04°58'46"	87.32	N29°47'07"E, 174.51





Vicinity Map
Scale: 1" = 2000'

NOTE:

1. THIS AREA DESIGNATES A PRIVATE SEW EASEMENT OF 10,000 SQUARE FEET AS REQU BY THE MARYLAND STATE DEPARTMENT OF HE AND MENTAL HYGIENE FOR INDIVIDUAL SEWA DISPOSAL. IMPROVEMENTS OF ANY NATURE I THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS BECOME NULL AND VOID UPON CONNECTION T PUBLIC SEWAGE SYSTEM. THE COUNTY HEALT OFFICER SHALL HAVE THE AUTHORITY TO GR VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION O MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE OWNERSHIP WIDTH AND LOT AREA AS REQUIR THE MARYLAND STATE DEPARTMENT OF HEALT MENTAL HYGIENE.
3. SUBJECT PROPERTY ZONED "R" PER 8/2/65 COMPREHENSIVE ZONING PLAN.
4. THE COORDINATES SHOWN HEREON ARE BASED MARYLAND STATE GRID SYSTEM AND DERIVED THE FOLLOWING HOWARD COUNTY CONTROL ST
   STA. 3133002 N 520835.536 E 796692.062
   STA. 3133003 N 522692.621 E 796656.820
5. B.R.L. DENOTES BUILDING RESTRICTION LI
6. I.P. DENOTES IRON PIN CAPPED "FCC-1069
7. ● DENOTES CONCRETE MONUMENT SET.
8. 00000 DENOTES APPROXIMATE ELEVATION 100 YEAR FLOOD LEVEL.
9. PROPERTY SUBJECT TO V.P. 86-1
10. EXISTING STRUCTURE ON LOT 4.

STATE DEPT. OF ASSESSMENTS & TAX
HOWARD COUNTY
RECEIVED BY:
DATE: 5/13/88 PLAT:

Owner and Developer
Nicholas O. Sharp
3787 Sharp Road
Glenwood, Maryland 21738

Area Tabulation

Total number of lots to be recorded	4	
Total area of lots to be recorded	21.809	Ac.±
Total area of roadway to be recorded	0.767	Ac.±
Total area to be recorded	22.666	Ac.±

Fisher, Collins and Carter, Inc.
Civil Engineers and Land Surveyors
8388 Court Avenue
Ellicott City, Maryland 21043
Tele: (301) 461-2855

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER — DATE 5-2-88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR — DATE 5/11/88

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

DIRECTOR — DATE 5/12/88

OWNER'S CERTIFICATE:

I, NICHOLAS O. SHARP, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND, IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, THE FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; AND (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS 6th DAY OF MARCH, 1986.

NICHOLAS O. SHARP — WITNESS

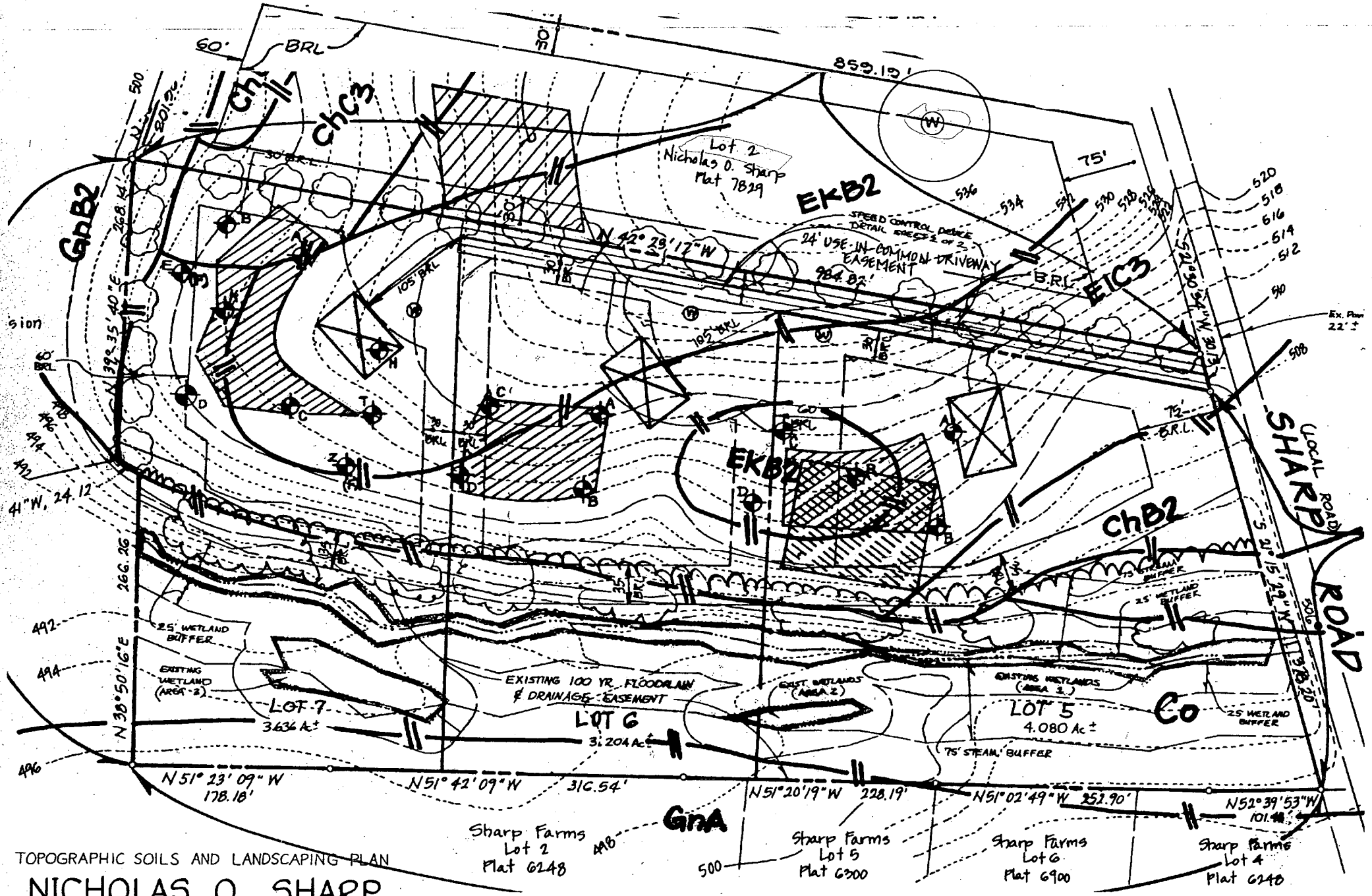
SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY LAWTON T. SHARP FARM, INC. TO NICHOLAS O. SHARP BY DEED DATED DECEMBER 30, 1983 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER C.M.P. 1218 AT FOLIO 630 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.

HOWARD E. CARTER, L.S. #10704 — DATE 3-21-1988

Property of
NICHOLAS O. SHA
LOTS 1-4
Tax Map 21 Parcel 45
Zoned "R"
Fourth Election District
Howard County, Maryland
Scale: 1" = 100' Date: OCTOBER 6

MSA 354 1247-3469



TOPOGRAPHIC SOILS AND LANDSCAPING PLAN

NICHOLAS O. SHARP

LOTS 5 THRU 7

(A RESUBDIVISION OF LOT 1 PLAT NO. 7829)

TAX MAP 21 ZONED: "RR-DEO" PARCEL(S): 45

FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 100' DATE: JANUARY, 1998

APPLICATION

A 34800

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4

DATE Jan 2 1985

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 Nicholas O Sharp

ADDRESS 3737 Sharp Rd Glenwood, Md 21738 PHONE

PROPERTY LOCATION:

SUBDIVISION Nicholas Sharp (Proposed) Parcel 45 Tax #21 LOT NO. ~~#~~ New Lot # 2 9 ~~5-6-85~~

ROAD AND DESCRIPTION West side Sharp Rd, 1200 ft North of Shady Lane

SIZE OF LOT 3 ac TYPE BLDG. Residence
(NUMBER OF BEDROOMS)

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. NICK SHARP
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 3/4/85 PERC OK HOLD FOR PLAT RH

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 _____

EH-12-1079

APPLICATION

A 34800

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4

DATE Jan 2 1985

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 Nicholas O Sharp

ADDRESS 3737 Sharp Rd Glenwood, Md 21738 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Nicholas Sharp (Proposed) Parcel 145 TAX #21 LOT NO. ~~#1~~ NEW LOT #2 9 5-6-85

ROAD AND DESCRIPTION West Side Sharp Rd, 1200 ft North of Shady Lane

SIZE OF LOT 3 ac TYPE BLDG. Residence
(NUMBER OF BEDROOMS)

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. NICK SHARP
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

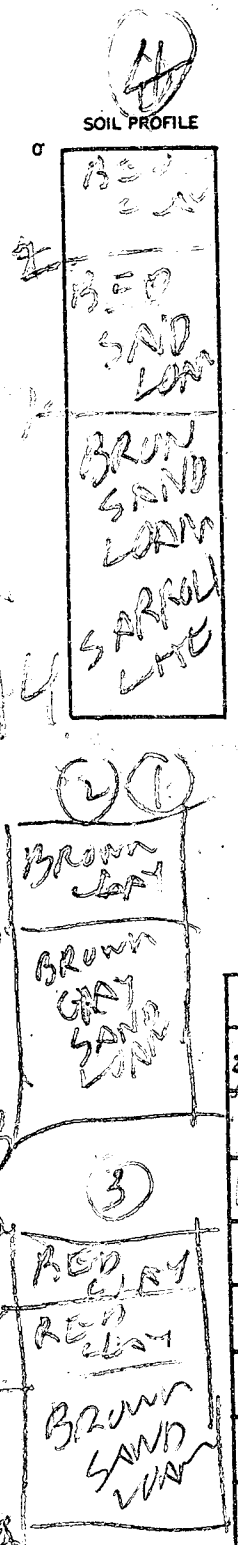
REJECTED BY _____ FOR _____ DATE _____

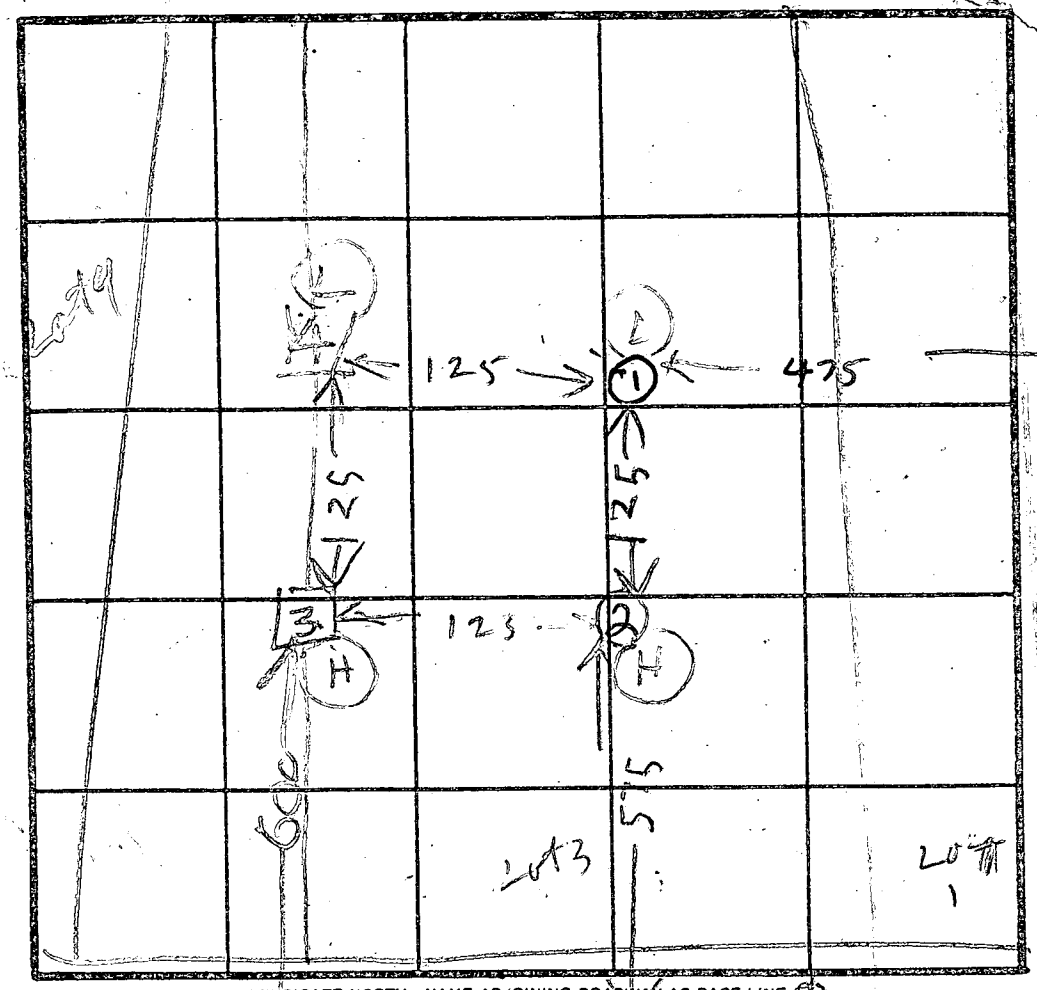
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE





DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/4/83	1 S 1 V	4 14	1124 LOWS	1129 OK	1139	1147	8
" "	2 S 2 V	4 13	1129 LOWS	1133 OK	1133	1140	7
" "	* 3 S 3 V	4 12	1144	1150	1150	1208	18.
" "	* 4 S 4 V	4½ 14	1152 LOWS	1159 OK	1150	1208	8

$\bar{X}$ = 11 min
17-1 Φ/BR
4-9

REMARKS #3 ON LINE HOLE between 1 & 384
C SHARP
N SHARP

TYPE OF SOIL

TESTED BY B. HODGES ALSO PRESENT COLLINS Backhoe

EH-12-1079

FILE INQUIRY FORM

Property Address: 3710 Sharp Rd (Nicholas Sharp Prop)

Lot 9. - Called Benchmark about Revised footprint of the home + told them they still need to show Clean-outs every 70' from tank to D-Box. - told them I wouldn't hold them up for that but to have it on the final mylar (RB) 3/31/04

BUILDERS

Not issued
on-hold
in Plans
Review

TELEPHONE: (410) 465-2222
FAX: (410) 465-2231

C Knudsen & son

8455 BALTIMORE NAT'L PIKE ELLICOTT CITY, MD 21043

RECEIVED

MAR 26 2004

LICENSES & PERMITS
DIVISION

March 26, 2004

Ms. Avis Corbin
Howard County Department of
Inspections, Licenses &Permits
3430 Courthouse Drive
Ellicott City, MD 21043

Dear Avis:

Attached please find a plot plan for 3710 Sharp Road, Building Permit #B00146302, which reflects the correct footprint for the house which is to be built, not that which was previously substituted.

5/31/04
Revised Plan OK w/ Health Dept.
Still need clearances every 70'
KB

Yours very truly,

C. Knudsen Builders LLC

Christian S. Knudsen, Jr.
Presiding Member

RAS A P
3/27/04

cc: Plans Review
Eng
Health
Sol Control
DPZ

CSKJR/dz

FOREST CONSERVATION EASEMENT
Plat No. 15501

FC1	N51°42'09"W	70.02'
FC2	N38°17'51"E	70.25'
FC3	S51°42'09"E	70.68'
FC4	N38°50'17"E	70.25'

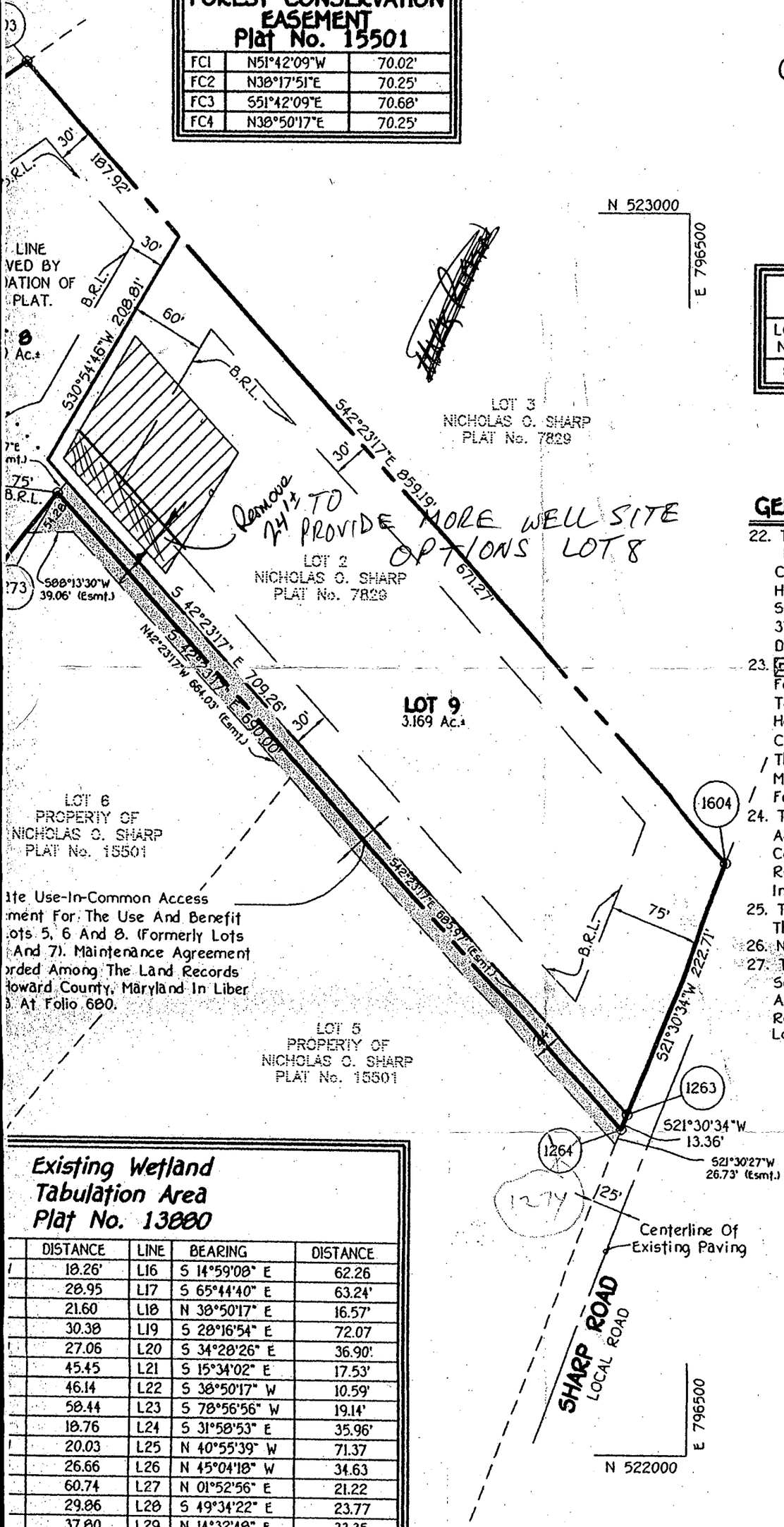
The Requirements §3-108, The Rea
Of Maryland, 1988 Replacement Vo
They Relate To The Making Of Thi
Have Been Complied With

Terrell A. Fisher, L.S. #10692
(Registered Land Surveyor)

Nicholas O. Sharp
(Owner)

MINIMUM LOT SIZE

LOT No.	GROSS AREA	PIPESTEM AREA
8	4.700 Ac.	0.190 Ac.



GENERAL NOTES (Contin

22. This Plat Is Subject To Waiver F
From Section 16.132(a)(2)(i)(a) No
Construction Of One Side Of Sha
Half Of The Full Designated Pave
Section 16.136 Not To Require St
378 Feet Of Sharp Road Frontag
Director Approved The Waiver On
23. Denotes Forest Conserva
Forest Conservation Easement Ha
To Fulfill The Requirements Of S
Howard County Code, Forest Cons
Clearing, Grading Or Constructior
The Forest Conservation Easemer
Management Practices As Defined
Forest Conservation Easement Ar
24. This Plan Is Exempt From Perime
Accordance With Section 16.124 O
Code And Landscape Manual, Sinc
Resubdivision To Revise Property
Interior Lots Of The Same Subdiv
25. This Plat Is In Compliance With
The Subdivision And Land Develop
26. No Dwellings Exist On Lot 8 And
27. This Plan Is Exempt From Forest
Section 16.1202(b)(1)(vii) Of The H
And Forest Conservation Manual
Resubdivision That Does Not Crea
Lots.

Existing Wetland Tabulation Area
Plat No. 13880

DISTANCE	LINE	BEARING	DISTANCE
18.26'	L16	S 14°59'08" E	62.26
28.95	L17	S 65°44'40" E	63.24'
21.60	L18	N 38°50'17" E	16.57'
30.38	L19	S 28°16'54" E	72.07
27.06	L20	S 34°28'26" E	36.90'
45.45	L21	S 15°34'02" E	17.53'
46.14	L22	S 38°50'17" W	10.59'
58.44	L23	S 78°56'56" W	19.14'
18.76	L24	S 31°58'53" E	35.96'
20.03	L25	N 40°55'39" W	71.37
26.66	L26	N 45°04'18" W	34.63
60.74	L27	N 01°52'56" E	21.22
29.86	L28	S 49°34'22" E	23.77
37.80	L29	N 14°32'48" E	33.35

BP copy

```
INP131C       DISPLAY PERMIT INFORMATION (ALL TYPES)    BUILDING      OFFICE A
              ======================================    NBR B00146302 INIT JFW
===============PROPERTY==============                   NXT B00146303
00003710 SHARP                RD       ===============CONTRACTOR===============
GLENWOOD        ,MD 21738              C KNUDSEN BUILDERS LLC
PROPERTY ID   0000 - 0006 - 1031       8455 BALTIMORE NATIONAL PIKE
SUBDIVISION  NICHOLAS SHARP            ELLICOTT CITY      MD  21043
TAX MAP     21      ACREAGE       0.0  PHONE 410 465 - 2222 LIC # HBL - 02673
BLK(ST)    LOT 9    BLK 12             =================OWNER================
PARCEL 200    SECT.      ZONE RR      C. KNUDSEN BUILDERS
AREA             CTRACT  604002       8455      BALTIMORE NATIONAL PIKE
SDP:             FILE:                ELLICOTT CITY        , MD  21043
MAP COORDINATES:  9D9                 WORK  410 465 - 2222 HOME        -
                                      APPLIC  CHRISTIAN KNUDSEN
SUITE/APT:
==============================================================================
TYPE OF IMPROVEMENT: NEW   USE: SFD
EXISTING USE.....: VACANT LOT G-8738
PROPOSED USE.....: CUSTOM SFD
PROPOSED WORK....:
PERMIT DATES.....: APP: 02/20/04  ISS:           CMP:           EXP:
CURRENT STATUS...: P  REV IND:    RNW:           PROJECT #:
PF2=FWD PF3=PRJ-NO PF4=INSP-HIST PF5=APPRVLS PF7=LICNSE PF9=NEXT PF12=EXIT
```

INP3PPC PLAN REVIEW APPROVAL BUILDING 03/23/04

PERMIT NBR: B00146302 ADDRESS: 00003710 SHARP RD APPLC DT
PROJECT NBR: GLENWOOD ,MD 21738 02/20/04
PERMIT CATEGORY: IMPR = NEW USE = SFD CLASS =

REVIEW

...DEPARTMENT..	RECEIVED	.ACTION.	DUE DATE	ASSGN TO	STAT	P/T	REV
ENVIR. HEALTH	02/23/04	03/09/04	03/09/04	KB	A	P	

COMMENTS: PERMIT COMMENT CODES: X

ADDITIONAL REVIEW INFORMATION

PERC APPLICATION NBR 34800
APPROVED BY
APPROVED DT

WELL NBR 94 - 3690
SEPTIC TNK CAPACITY 01500 (GAL)
BEDROOMS
LIVE SQ FT 0

COMMENTS NEED CLEANOUTS EVERY 70'. REVISED PLAN RCVD 3/2/04

ENTER=UPDATE PF5=VIEW PERMIT PF8=COMMENTS PF9=BLOCK UPD PF11=RTN PF12=EXIT

```
INP13BC                    DISPLAY PERMIT INFORMATION   BUILDING       OFFICE A
                           ==========================   NBR B00146302  INIT JFW

===============LOT CHARACTERISTICS=============== ==BUILDING CHARACTERISTICS===
AREA OF LOT            0                          BUILDING HEIGHT (FT)    000
AREA DISTURBED         0                          NUMBER OF STORIES         2
ENTRANCE PERMIT                                   USE GROUP
STATE CERTIFIED                                   TYPE OF CONSTRUCTION
=============OCCUPANT  INFORMATION=============== MODULAR  BLDG. (Y/N)
NAME        SAME AS OWNER                         MOBILE HOME (Y/N)
ADDRESS                                           SEWAGE DISPOSAL TYPE      S
CITY/ST/ZIP                     00000 - 0000      WATER SUPPLY TYPE         W
PHONE          -     -                            HEATING FUEL              G
  ==========ENGINEER OR ARCHITECT=========        SPRINKLERS
                                                  NBR OF TANKS              0
                                                  GROSS   SQFT             0
                   00000                          O.GROSS SQFT(.8)         0
        -                                         O.GROSS SQFT(.4)         0
                                             EST. COST OF CONSTR.  $    100000


PF1=BWD PF2=FWD PF3=PRJ# PF4=INSP-HIST PF5=APPR PF7=LIC PF11=HELP PF12=EXIT
```

Howard County
Health Department

7178 Columbia Gateway Drive, Columbia Maryland 21046
(410) 313-1771 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

November 23, 2004

C. Knudsen Builders, LLC
8455 Baltimore National Pike
Ellicott City, Maryland 21043

SENT VIA FACSIMILE 410-465-2231

RE: Nicholas Sharp Property, Lot 9
3710 Sharp Road
Glenwood, MD 21738
BP #: B00146302
Well Permit # HO-94-3690

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 8/24/2004. Final approval of the well line connection to the dwelling was approved on 8/30/2004.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3690. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 11/22/2004
Date of Well Completion: 5/09/2003

Approving Authority:

Stuart F. Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File