

1/4/90 ASD
A.M. ①
②

File

① P.C.O.
C. Bed

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-319354

P 46729

A 45598

DISTRICT 4th

DATE 12/28/90

DATE SYSTEM APPROVED 1/4/91

INSPECTOR C.B.S.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
451-9933

INDEXED

Dave Hopkins & Son IS PERMITTED TO INSTALL X ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Huntsman Ridge LOT 5 ROAD 16950 16908 Old Frederick Road

PROPERTY OWNER Weyfordt Harper

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

SEWER # 34397
10-23-90

TRENCHES - Trench to be 3 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 6 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 50 feet from 320.00' lot line and 275 feet from the 234.91' lot line. Run trenches on contour toward rear of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 12/27/90 OK RH

PLANS APPROVED BY Mark Rifkin DATE 10/24/90

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

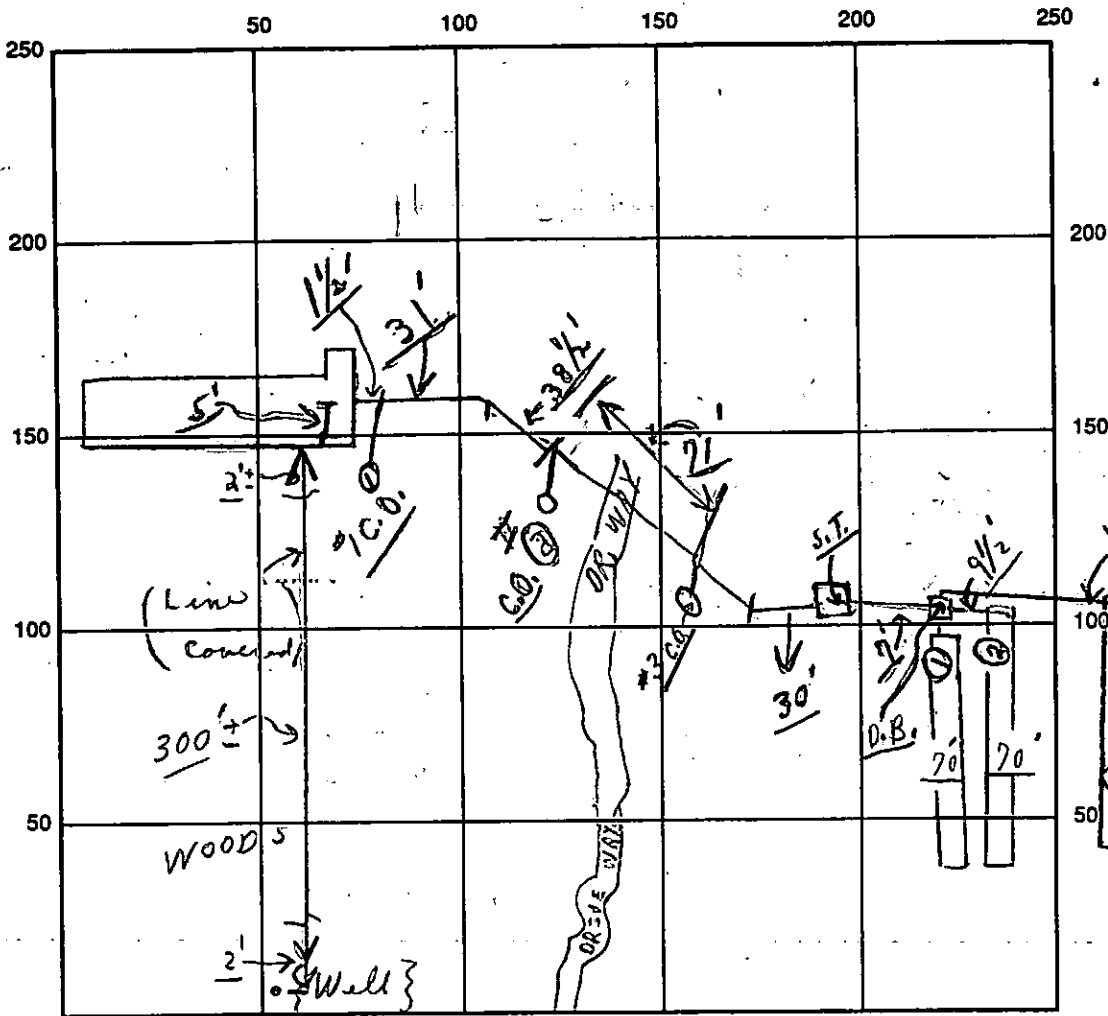
PERMIT VOID AFTER TWO YEARS

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**

A 45598



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK OLD FRED RD. S.T. (3) C.O. 1 2 3
CLEANOUTS OK IN LINE OK OK OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 211 FT.
① 70' +
② 70'
③ 71'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 633 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 633 SQ. FT.

REMARKS: 1/4/91 A.M. - ① Partial ok to cover from house to
② 2nd trench. ③ 3rd trench) only heads to be checked.
② Final - ③ 3rd trench) ok to cover. C.B.S.

1/4/91 W.P.I. - Lines from well to house & outlets adjacent is ok.

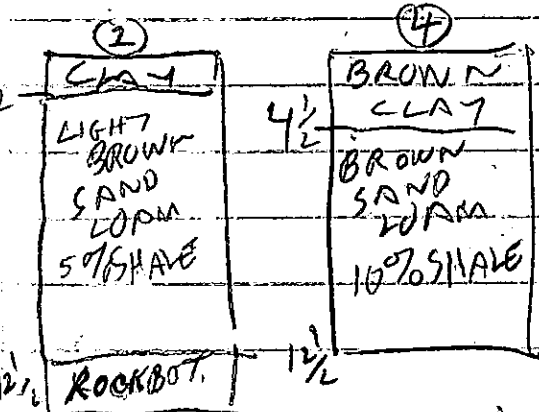
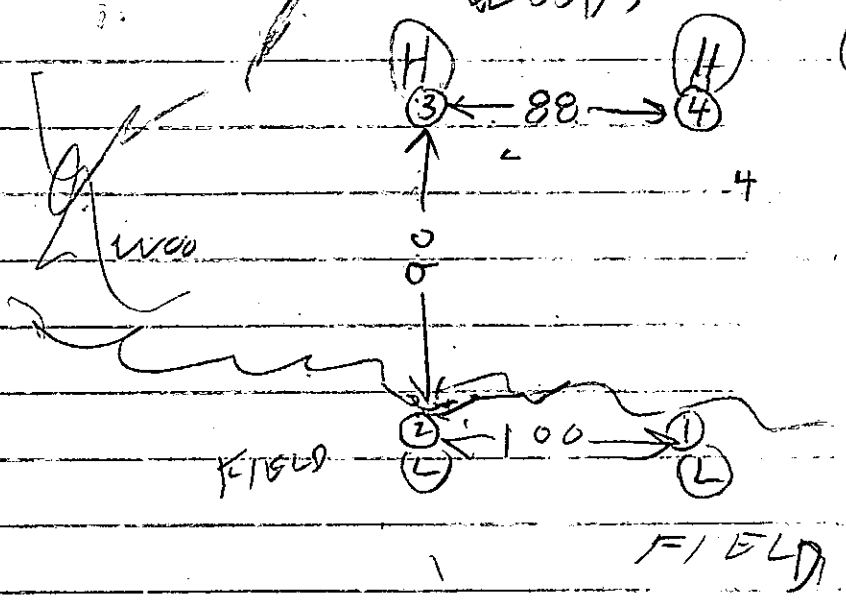
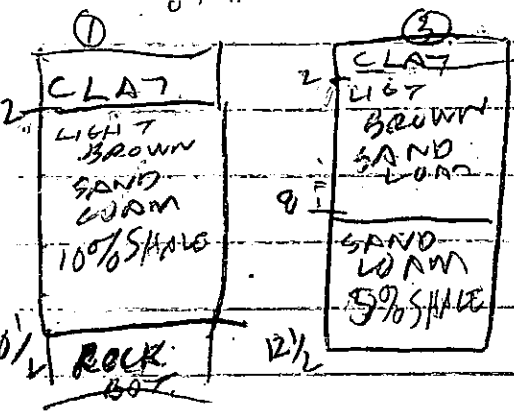
DATE SYSTEM APPROVED 1/4/91 INSPECTOR Charles Bryan Chester

NO PEAC TEST FEE OBTAINABLE.
 LIKELY PAID & LOST IN SHUFFLE
 MAJOR-MINOR SUB DIVISION,
 INDEX BY
 WELL RECEIPT #

Lot # new
 5
 12/3/90 CW

Lot # new 5

Howard County Santarum
 Old Fred Rd



750-7020

9/30/86	15'	4 1/2'	309	310	310	312	2	$\bar{x} = 8$ 210 BR Inlet 4 1/2' Bottom 6 1/2'
	1V	10 1/2'	OK					
	2S	4'	315	316	316	318	2	
	2V	19 1/2'	OK					
	3D	8'	322	325	325	333	8	
	3S	4'	326	329	329	338	9	
9/30/86	3V	12 1/2'	OK					
	4S	4 1/2'	330	342	342	402	20	
	4V	12'	OK					

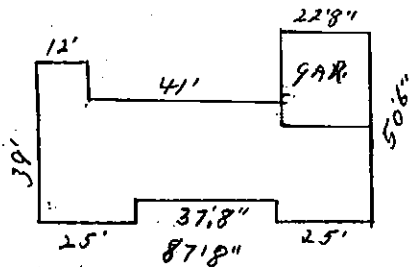
Test By B. Hodger

also present Okittman & Ryer
 Harry Huber bookhol

17 1/2'
 7360

(A) PROPOSED HOUSE

EX. ELEV. = 729 ✓
BSMT. FLOOR = 720 ✓
INV. OUT = 718.5 ✓



HOUSE DETAIL
1" = 50'

(B) PRO. SEPTIC TANK

EX. ELEV. 723 ✓
INV. IN = 717 ✓
INV. OUT = 716.7 ✓

(C) PROPOSED DIST. BOX

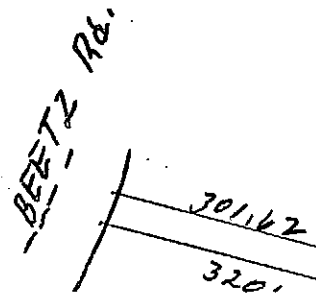
EX. ELEV. = 718 ✓
INV. ELEV. = 715.3 ✓

D PROP. TYPHOIDS

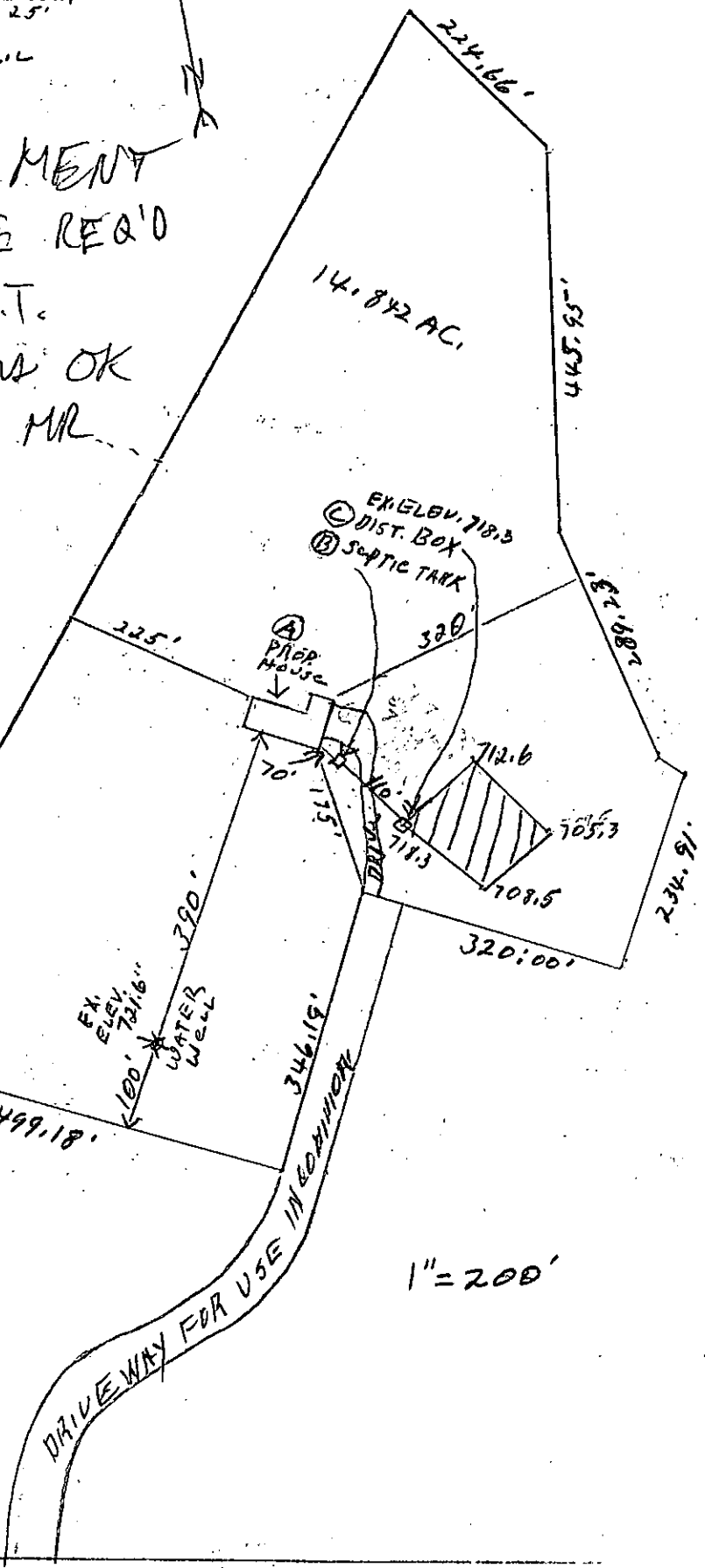
INV. ELEV. = 715.3 ✓
SPEC. TO BE DETERMINED
AT TIME OF SEPTIC
PERMIT ISSUANCE

+ BASEMENT
MANHOLE REQ'D
ON S.T.
elevations OK
10/23/90 MR

OWNER
Weyford HARPER
9109 49th PLACE
COLLEGE PARK, MD. 20740
474-2758
CONTRACTOR
HELYON CONST.
1350 FLORENCE RD.
MT. AIRY, MD 21771
829-2964



HUNTSMAN'S RIDGE
LOT 5



OLD FREDERICK RD.

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

Final
1/4/90
C.B.A.

APPLICATION FOR PITLESS ADAPTER WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____ Receipt # _____
Replacement _____ Date _____

Name of Installer _____ Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner WEYFORD HARPER Telephone _____
Subdivision HUNTSMAN RIDGE Lot # 5 Well Tag # HO - 88 - 1265 ✓
Site Address 16908 OLD FREDERICK ROAD

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

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

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

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.

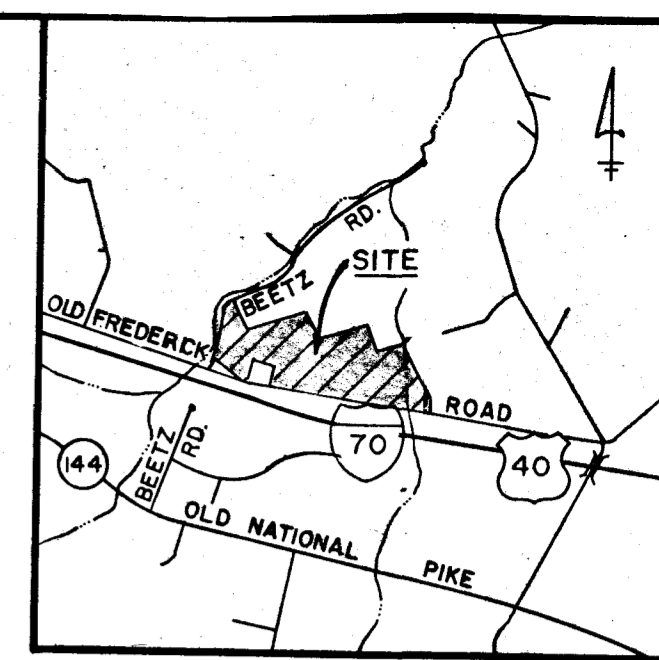
Signature of Applicant: _____

Date: _____

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

HD-215 1/4/91 } INSPECTION MADE ON PITLESS ADAPTER }
= + WELL LINE - OK AT WELL + LINE AT HOME'S WALL }
C.B.A.

NOS.	RADIUS	Δ	ARC	TAN	CHD.	Chd. Brg.
3-4	432.48'	25°22'21"	191.52'	97.36'	189.96'	N12°53'10"E
5-35	190.25'	33°49'58"	112.34'	57.86'	110.72'	N17°07'03"E
16-18	11,254.16'	0°51'08"	363.82'	181.92'	363.80'	N78°56'53"W
21-23	11,254.16'	0°30'27"	99.68'	49.84'	99.68'	N77°29'01"W



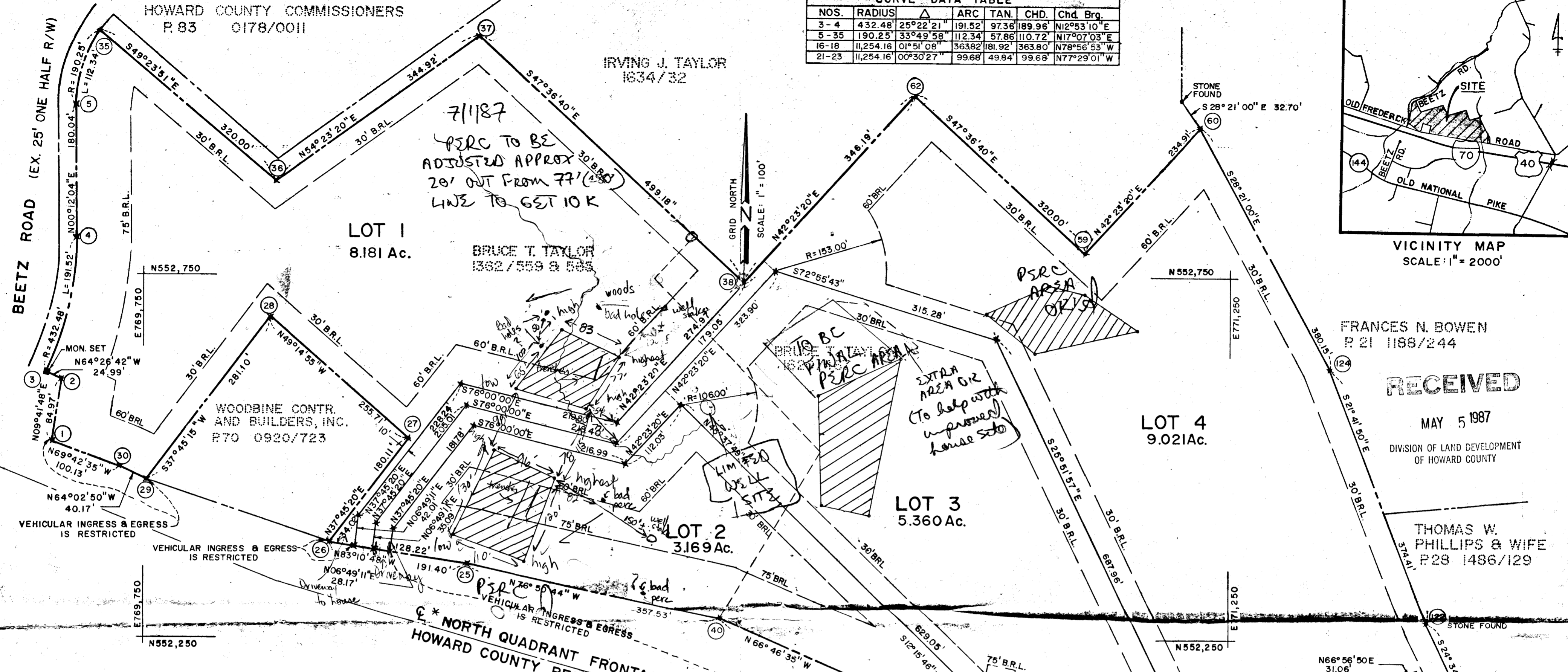
VICINITY MAP
SCALE: 1" = 2000'

FRANCES N. BOWEN
P. 21 1158/244

RECEIVED
MAY 5 1987

DIVISION OF LAND DEVELOPMENT
OF HOWARD COUNTY

THOMAS W. PHILLIPS & WIFE
P. 28 1486/129



COORDINATE TABLE					
NO.	NORTH	EAST	NO.	NORTH	EAST
1	552521.86	769621.31	30	552487.14	769715.22
2	552605.62	769635.62	35	553084.48	769693.57
3	552616.40	769613.07	36	552879.17	769931.62
4	552801.57	769655.44	37	553080.01	770212.03
5	552981.61	769656.01	38	552743.44	770580.77
14	552045.84	771632.36	40	552278.40	770545.07
15	552090.53	771382.10	59	552783.44	771050.45
16	552035.19	771294.20	60	552956.95	771048.82
18	552104.93	770937.14	62	552999.18	770814.10
19	552134.25	770943.52	122	552274.51	771527.76
20	552141.68	770909.32	124	552622.39	771389.34
21	552112.36	770902.94			
25	552359.76	770196.92			
26	552382.49	770006.88			
27	552524.89	770117.16			
28	552691.81	769923.45			
29	552469.56	769751.34			

- GENERAL NOTES**
- 4" x 4" x 36" CONCRETE MONUMENTS SHOWN THUS: ■
 - IRON PINS SHOWN THUS: ●
 - SUBJECT PROPERTY IS ZONED R PER 8-2-85 COMPREHENSIVE ZONING PLAN.
 - COORDINATES ARE BASED ON MARYLAND STATE PLANE AS PROJECTED BY HOWARD COUNTY MONUMENTS NOS. 3829001, 3929001.
 - SOIL PERCOLATION - 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.
 - ALL PERCOLATION EASEMENTS SHOWN HEREON HAVE BEEN FIELD LOCATED AND EACH CORNER COORDINATED INTO THE MARYLAND STATE GRID SYSTEM.
 - STATE TRANSFER TO HOWARD COUNTY.
 - DRIVEWAY IS PRIVATELY OWNED AND MAINTAINED.
 - NORTH QUADRANT FRONTAGE ROAD R/W VARIES.

- LEGEND**
- ✕ PIPE SET
 - PIPE FOUND
 - CONCRETE MONUMENT FOUND
 - ANGLE BREAKS
 - ▭ EASEMENT
 - Ⓢ COORDINATE POINT
 - ▨ SOIL PERCOLATION TEST AREAS

- TABULATION OF FINAL PLAT SHEET**
- TOTAL NUMBER OF LOTS TO BE RECORDED: 4
 - TOTAL AREA OF LOTS TO BE RECORDED: 25.585 Ac.
 - TOTAL AREA OF PIPESTEMS: 0.703 AC.
 - TOTAL AREA OF SUBDIVISION TO BE RECORDED: 26.288 Ac.
 - TOTAL AREA OF FLOODPLAIN: 0

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

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

DIRECTOR _____ DATE _____

FOR PRIVATE WATER AND PRIVATE SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY BRUCE T. TAYLOR TO IRVING J. TAYLOR DEED DATED MARCH 17, 1987 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, IN LIBER 1620/471 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PART OF LAND CONVEYED BY IRVING J. TAYLOR TO BRUCE T. TAYLOR DEED DATED MARCH 17, 1987 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, IN LIBER 1620/467 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

JOHN E. HARMS, JR. & ASSOCIATES, INC.
ENGINEERS, SURVEYORS & PLANNERS
9030 RED BRANCH ROAD SUITE 100
COLUMBIA, MD. 21045

WILLIAM H. NOYES JR. REG. L.S. #10723 DATE 4/28/87

OWNERS' DEDICATION

I BRUCE T. TAYLOR OWNER OF THE PROPERTY SHOWN & DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION & IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, & GRANT UNTO HOWARD COUNTY, MD., ITS SUCCESSORS & ASSIGNS: (1) THE RIGHT TO LAY, CONSTRUCT, & MAINTAIN SEWERS, DRAINS, WATER PIPES, & OTHER MUNICIPAL UTILITIES & SERVICES IN & UNDER ALL ROADS & STREET RIGHTS-OF-WAY & THE SPECIFIC EASEMENTS AS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAINS, & OPEN SPACE, WHERE APPLICABLE, & FOR GOOD & OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT & OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAINS, STORM DRAINAGE FACILITIES, & OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS & DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR, & MAINTANCE; (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE LOCATED ON OR OVER THE SAID EASEMENTS & RIGHT-OF-WAY. WITNESS OUR HANDS THIS, THE 30th DAY OF APRIL, 1987.

BRUCE T. TAYLOR _____ (SEAL)

_____ (WITNESS)

PLANS FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HAVE BEEN APPROVED BY THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE AND THESE FACILITIES WILL BE AVAILABLE TO ALL LOTS OFFERED FOR SALE.

OWNER: _____ DATE: 4/30/87

RECORDED AS PLAT _____ ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

HUNTSMAN'S RIDGE

SECTION: _____
AREA: N/A
LOTS: 1 THRU 4
SHEET: 1 OF 1
TAX MAP: 2
TAX MAP PARCELS: 20
4th ELECTION DISTRICT,
HOWARD COUNTY, MD
SCALE: 1" = 100' DATE: Feb. 1987