

2/11/89
ASAP
RPS#12

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 44621

A 40838

DISTRICT 4th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 6/28/89

DATE SYSTEM APPROVED 7-11-89

INSPECTOR JEN

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Riggs Property ROAD 3090 McNeal Road LOT "A" Site Plan

PROPERTY OWNER Adelaide Riggs Michael Casey Tenant House ASD 10/25/04

ADDRESS Tom Scrivener Pres Parcel

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

210
5
3/1950
350 ft trench
B

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Place the distribution box 860 feet up the left (2665+) lot line from the intersect of the 2665' & 500' lot lines and 110' off the same lot line as seen when facing the lot from McNeal Road. Run trenches on contour toward McNeal Road. May install system according to approved health department site plan.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY Sid Abel DATE 6/01/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

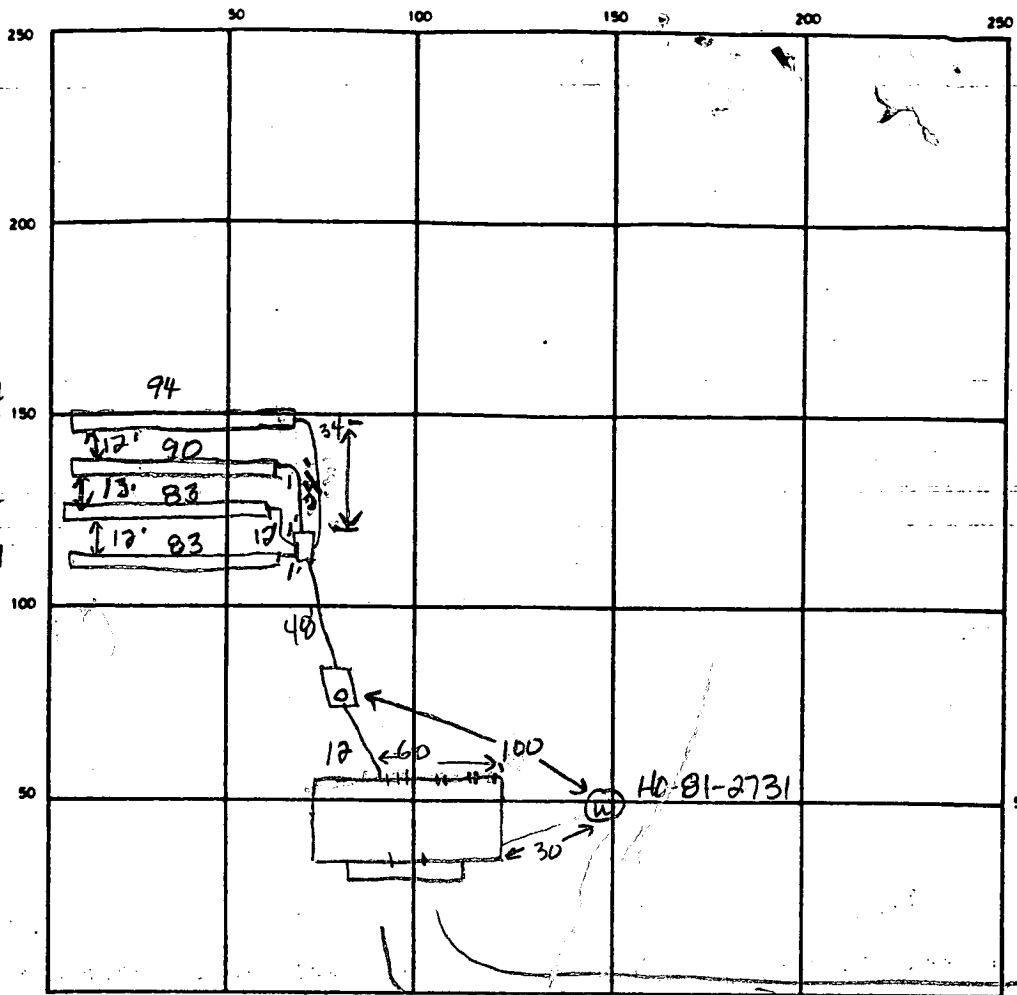
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUDG. PERMIT SIGNED
AND RETURNED 3/29/90
Serial # 3/266 - prd.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

40838



SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok w/baffle

DRAIN FIELD TILE FIELD. DEPTH 6.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 4 4 4 FT.

EFFECTIVE GRAVEL DEPTH 2.5 2.5 2 2 FT. TOTAL LENGTH 83 83 90 94 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 249 249 270 282 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1050 SQ. FT.

REMARKS 7-11-89 Must remove tee connection on third trench and replace w/ separate line. All other work ok to cover. JEN
7-11-89 Tee was removed. OK to cover all work. JEN

DATE SYSTEM APPROVED 7-11-89 INSPECTOR J.E. Madean

12
2.1
48
24

3-3-88
9:30 AM
Preliminary

APPLICATION

PERCOLATION TESTING

A 40838
P _____

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

- ① 10K ϕ Required FOR BARN SYSTEM
- ② 200' RESTRICTION FROM STREAMS
- ③ WET SEASON PERC. CLOSE TO POND + STREAMS

DISTRICT 4TH

DATE 1-19-88 ③

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.

OCRD PROCESS 1/20/88

③

PROPERTY OWNER Arelaide Riggs

ADDRESS 3104 Mc Neal Rd Woodbine, Md 21797 PHONE 489-7035

Shirley Richardson

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. _____

ROAD AND DESCRIPTION 3090 MCNEAL RD.

TAX MAP 14 PARCEL # 64

SIZE OF LOT 366.53A TYPE BLDG House SFD
~~EXERCISING BARN - INSIDE RINK~~
~~BARN - N-SINK~~ 10K ϕ
(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.

Shirley A. Richardson
(SIGNATURE OF APPLICANT)

APPROVED BY S. Wahl FOR Shallow Trenches DATE 1-1-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-3-88 Pending plat approval and perc hole locations. JEN

BLDG. PERMIT SIGNED AND RETURNED 4/2/89
Permit # 24801

BLDG. PERMIT SIGNED AND RETURNED 6-1-88

BP18794 SK

HD-216

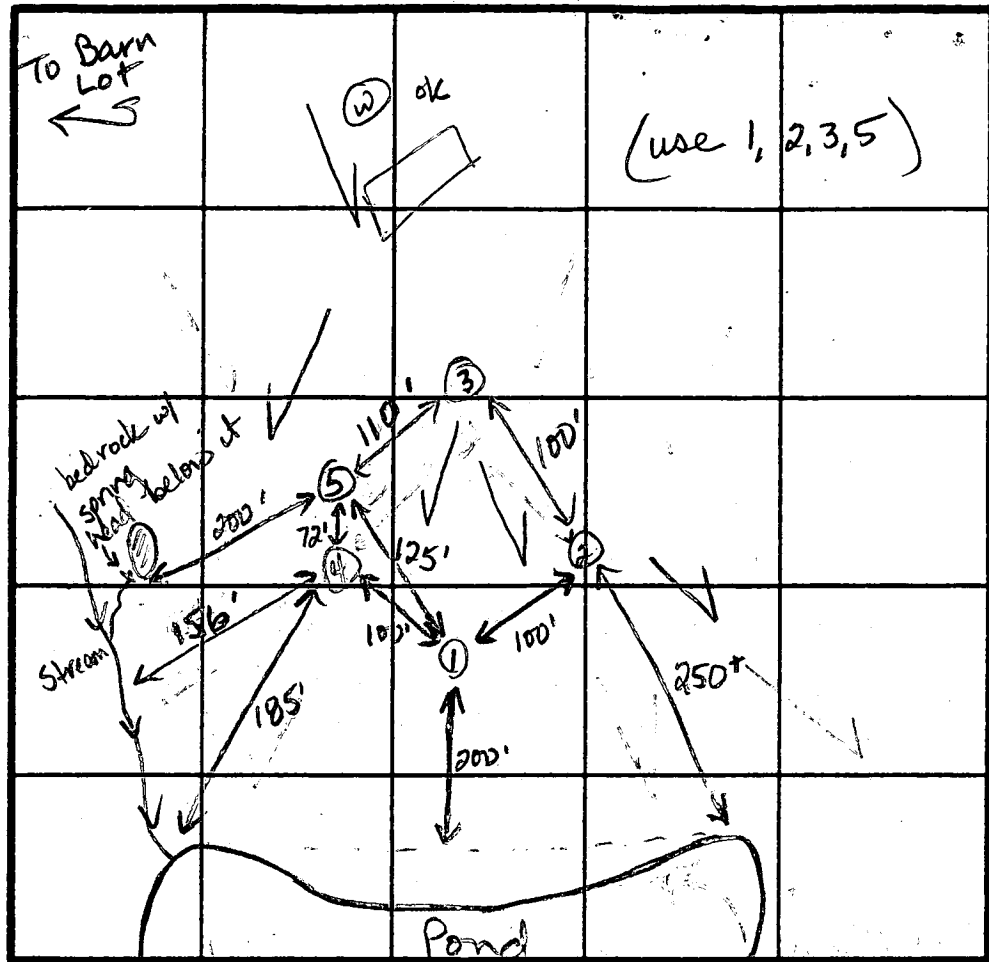
THIS IS NOT A PERMIT

High 3
5
2
1
Low 4

— x — x — x — x — x — x — x — x —
Fence line

①
SOIL PROFILE

0-4.0 Rd br si cl lm
4.0-12.0 Br sa si lm, trc ob, Saprolite, < 10%, < 5% broken rock fragg
12.0 Bottom



⑤
0-5.0 Rd br si cl lm
5.0-12.0 Br sa si lm, trc saprolite, < 15% broken rock
12.0 Bottom

③
0-4.0 Rd-br si cl lm
4.0-13.0 Br sa si lm, little Saprolite, < 20%, < 30% broken rock fragg
13.0 Bottom

④
0-4.0 Br sa si cl lm
4-6.5 Br sa si lm, little white si sa lm, < 5% rock frags
6.5-12 White-brown sa si lm, < 30% saprolite, wet
12.0 Bottom water at 11.5 ft

②
0-2.5 Rd br si cl lm
2.5-12 Br sa si lm, trc saprolite, < 30% broken rock fragg
12.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-3-88	1	4.5 S	1:27:33	1:35:00	1:35:00	1:45:05	10
		8.0 M	1:27:06	1:42:10	1:42:10	2:12:10	30
		12.0 D	Bottom	(see profile)			
	2	4.5 S	1:53:35	1:56:08	1:56:08	2:04:10	10
		7.0 M	1:50:04	1:55:10	1:55:10	2:05:15	10
		12.0 D	Bottom	(see profile)			
	4	11.5 V	(see profile - water at 11.5 ft)		Saturated		
		4.0 S	2:08:00	2:11:30	2:11:30	2:16:15	5
		7.0 M	2:08:23	2:13:00	2:13:00	2:23:10	10
	5	4.0 S	2:08:00	2:11:30	2:11:30	2:16:15	5
7.0 M		2:08:23	2:13:00	2:13:00	2:23:10	10	
12.0 D		Bottom	(see profile)				
3	4.5 S	2:20:26	2:35:15	2:35:15	3:05:00	30	
	8.0 M	2:18:22	2:22:04	2:22:04	2:30:10	8	
	13.0 D	Bottom	(see profile)				

REMARKS Spring head, stream & pond nearby. Maintain 200 ft minimum.

TYPE OF SOIL 0-5 Rd-br si cl lm, 5-12 Br sa si lm, < 30% broken rock

TESTED BY J.E. Wademan

ALSO PRESENT

B 1 **3693** SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

HO-81-2731
fill in this form completely

Date Received (APA) **042888**
RIGGS **AUGUSTUS**
WICKHAM **ROAD**
CLAYWOOD

OWNER INFORMATION

B 3 LOCATION OF WELL
HOWARD COUNTY
MARYHARRIS SUBDIVISION
64 LOT
CLAYWOOD NEAREST TOWN
2 MILES FROM TOWN

DRILLER INFORMATION
Joseph L. Wayne License No. **238**
Wayne Drilling Firm Name
5512 Ridge Rd. Mt. Airy, Md. 21771 Address
Joseph L. Wayne Signature **4/19/88** Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD **Mc Neal Road**
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD **141** FT or MI

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)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 40838 COUNTY NO.
STATE SIGNATURE _____ DATE ISSUED _____
051038 CO SIGNATURE **A Nelson** EXP. DATE **11/10/88**
NORTH GRID **528000** EAST GRID **0785000**

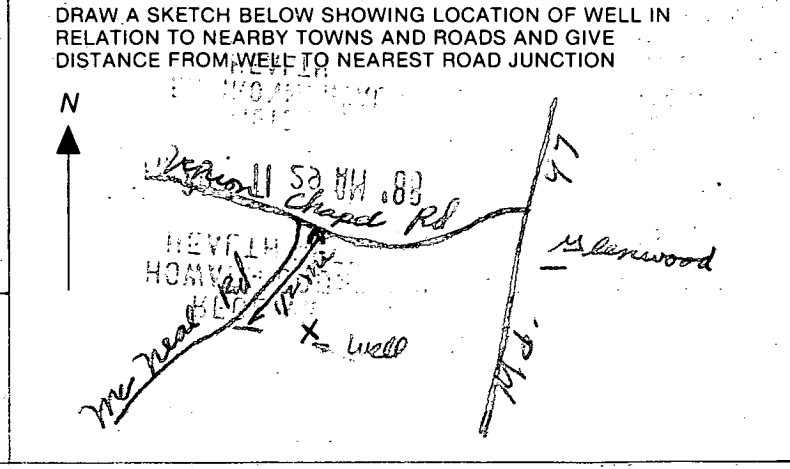
APPROXIMATE DEPTH OF WELL **240** FEET

APPROXIMATE DIAMETER OF WELL **6** 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 _____

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
780 5
528 8
000 H₂O sample taken

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER _____ GAP _____
FORCE **BR** WRITE INITIALS IN BOX PERMIT No. **HO-81-2731**

SPECIAL CONDITIONS

Ci 7798 (OEP 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 COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 40838

DATE Received

DATE WELL COMPLETED 1/13/88

Depth of Well 125 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" MO-81-2730

OWNER RIGGS AUGUSTA STREET OR RFD MCNEAL ROAD TOWN GLEA WOOD SUBDIVISION MAP 14 R 19 P/O P. 64 SECTION LOT S.F.D.

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. Includes handwritten entries: SAND Stone 0-32, GRAY MICA ROCK 32-135.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 11 NO. OF POUNDS 1034

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 34 WHEN PUMPING 27 TYPE OF PUMP USED (for test) C centrifugal S submersible

CASING RECORD casing types insert appropriate code below MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) 40 37 125 E A C H S C R E E N S L O T S I Z E 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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) LAND SURFACE (nearest foot)

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

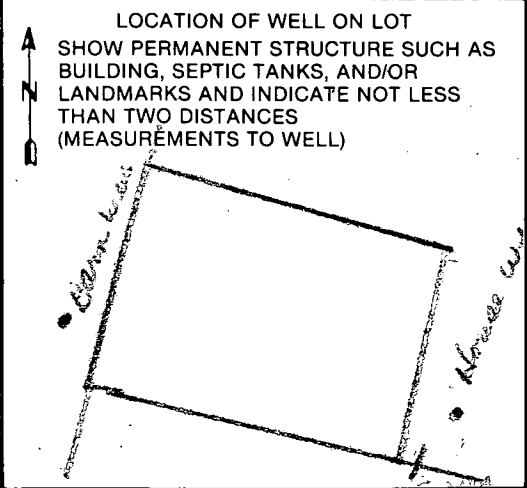
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

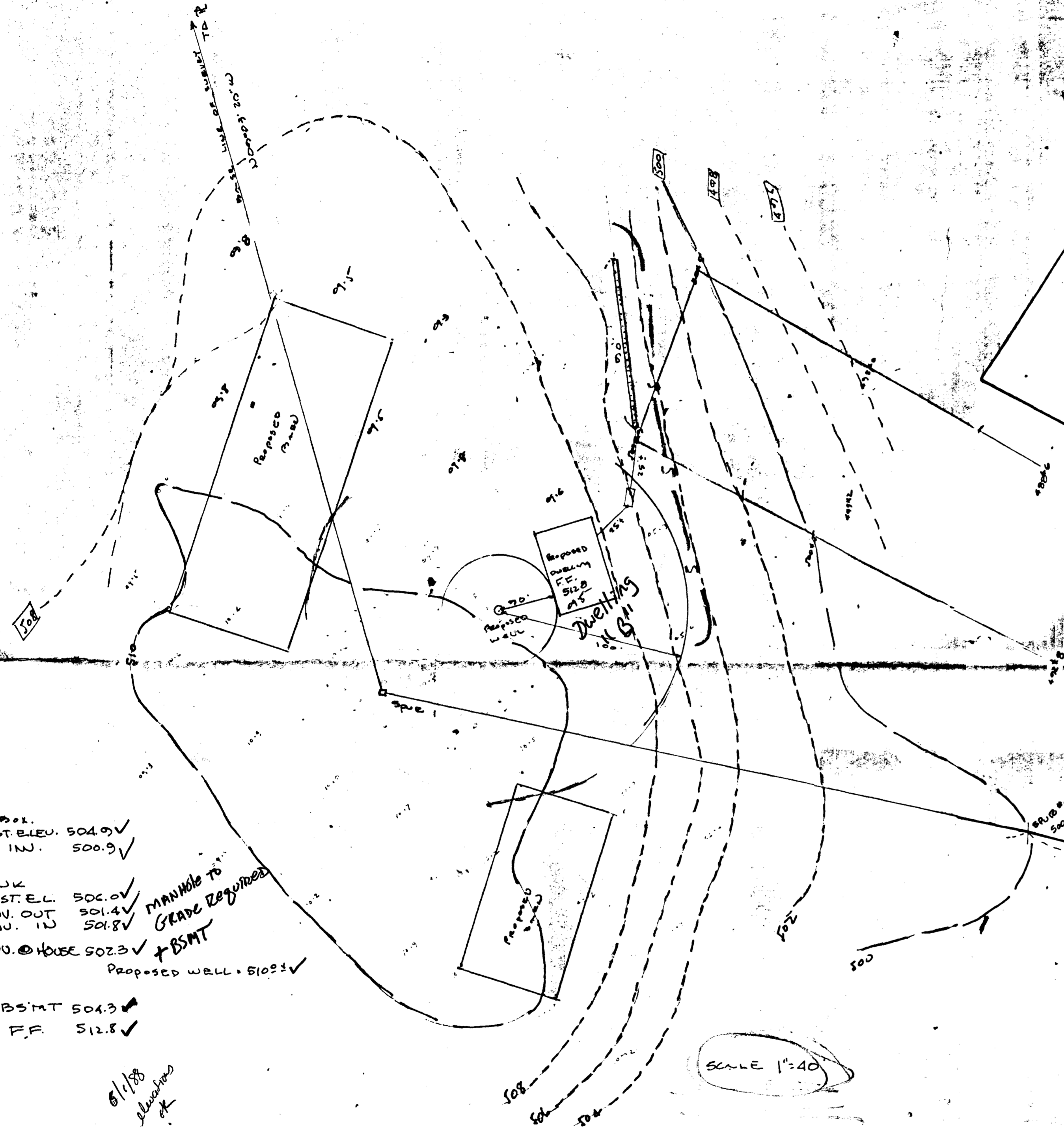
DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE James P. Morgan

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.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA





DIST. P.O.L.
 EXIST. BLEU. 504.9' ✓
 INV. 500.9' ✓

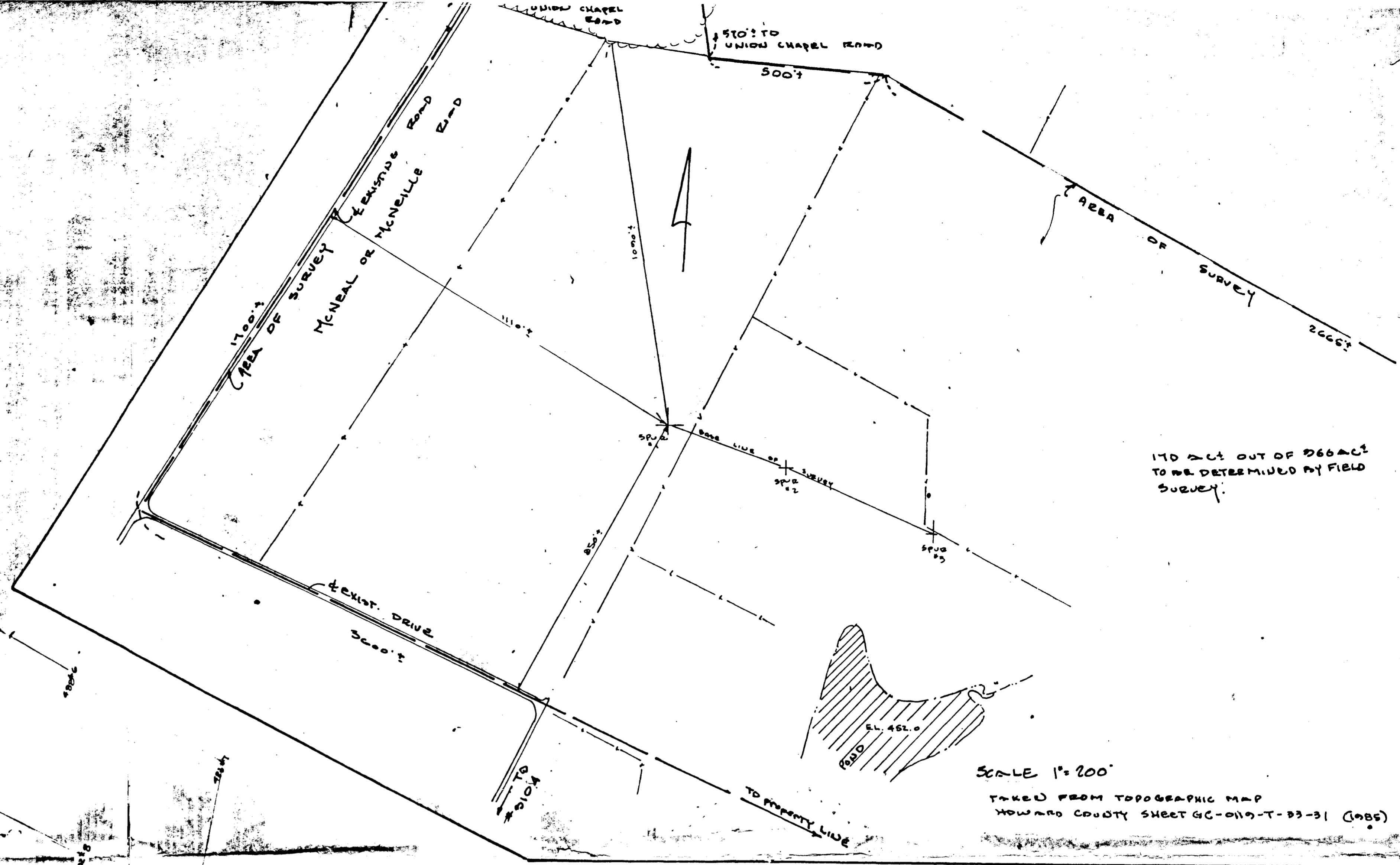
 TANK
 EXIST. EL. 500.0' ✓
 INV. OUT 501.4' ✓
 INV. IN 501.8' ✓
 INV. @ HOUSE 502.3' ✓
 + BSMT
 Proposed wall 510.2' ✓

 BSMT 504.3' ✓
 FF 512.8' ✓

 6/1/88
 S. Miller

BLDG. PERMIT SIGNED
 AND RETURNED 6/1/88
 EP 18775
 S. Miller

SCALE 1"=40'

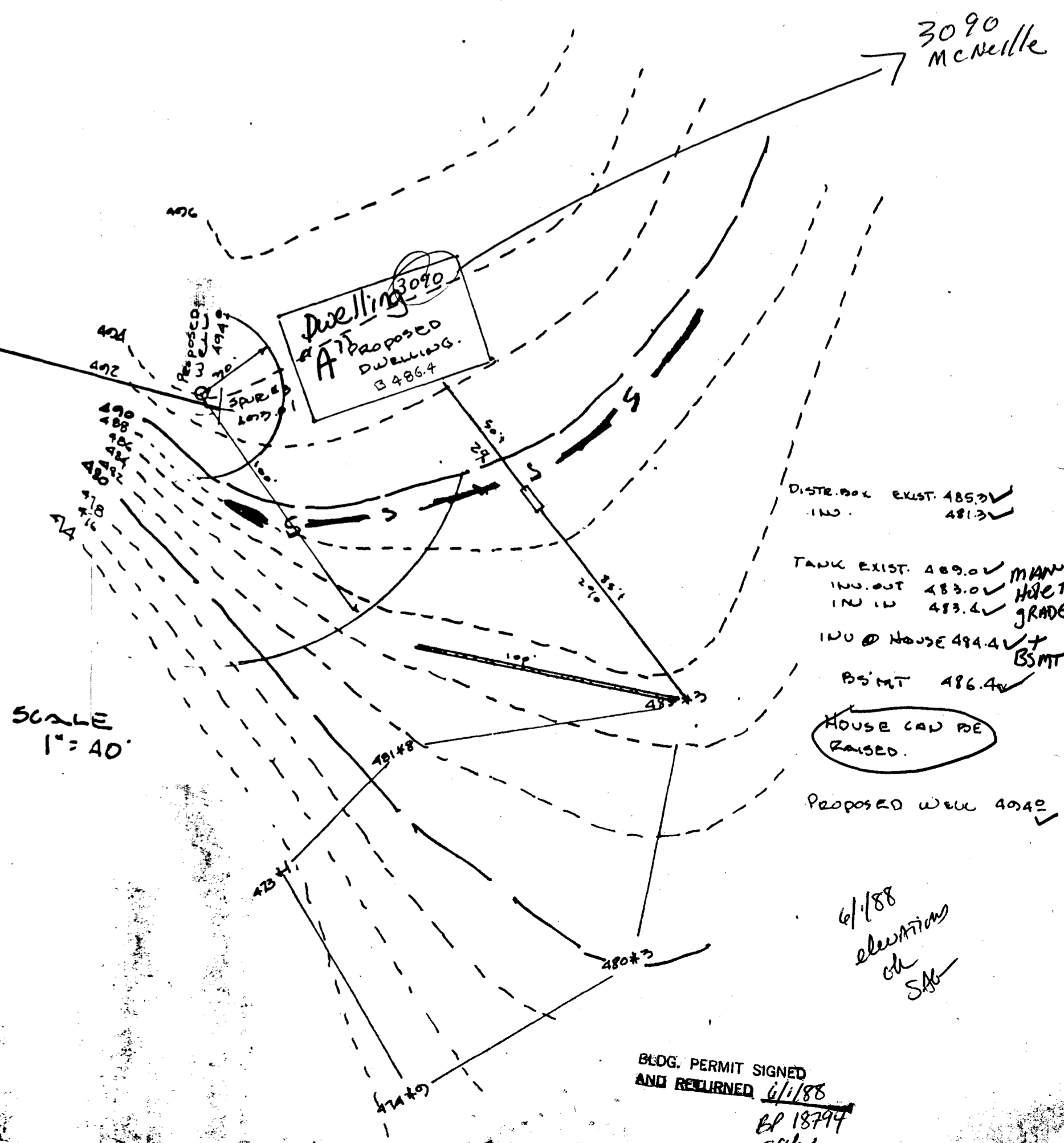


SCALE 1"=200'
 TAKEN FROM TOPOGRAPHIC MAP
 HOWARD COUNTY SHEET GC-019-T-33-31 (1985)

TOPOGRAPHIC FIELD SURVEY & LOCATION
 PERC HOLES FOR PROPOSED DWELLINGS.
 PERC HOLES MARKED 483#4

 A.C. RIGGS FARM
 3104 McNEILLE ROAD
 WOODRIDGE, MD 21107
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MD
 MAR. 21, 1988
 SCALES - AS SHOWN
 REVISED MAY 18, 1988

W & N DEVELOPMENT ENGINEERS, INC.
 SUITE 231 HARRERS CHOICE VILLAGE CENTER
 5485 HARRERS FARM ROAD
 COLUMBIANA, MD 21044



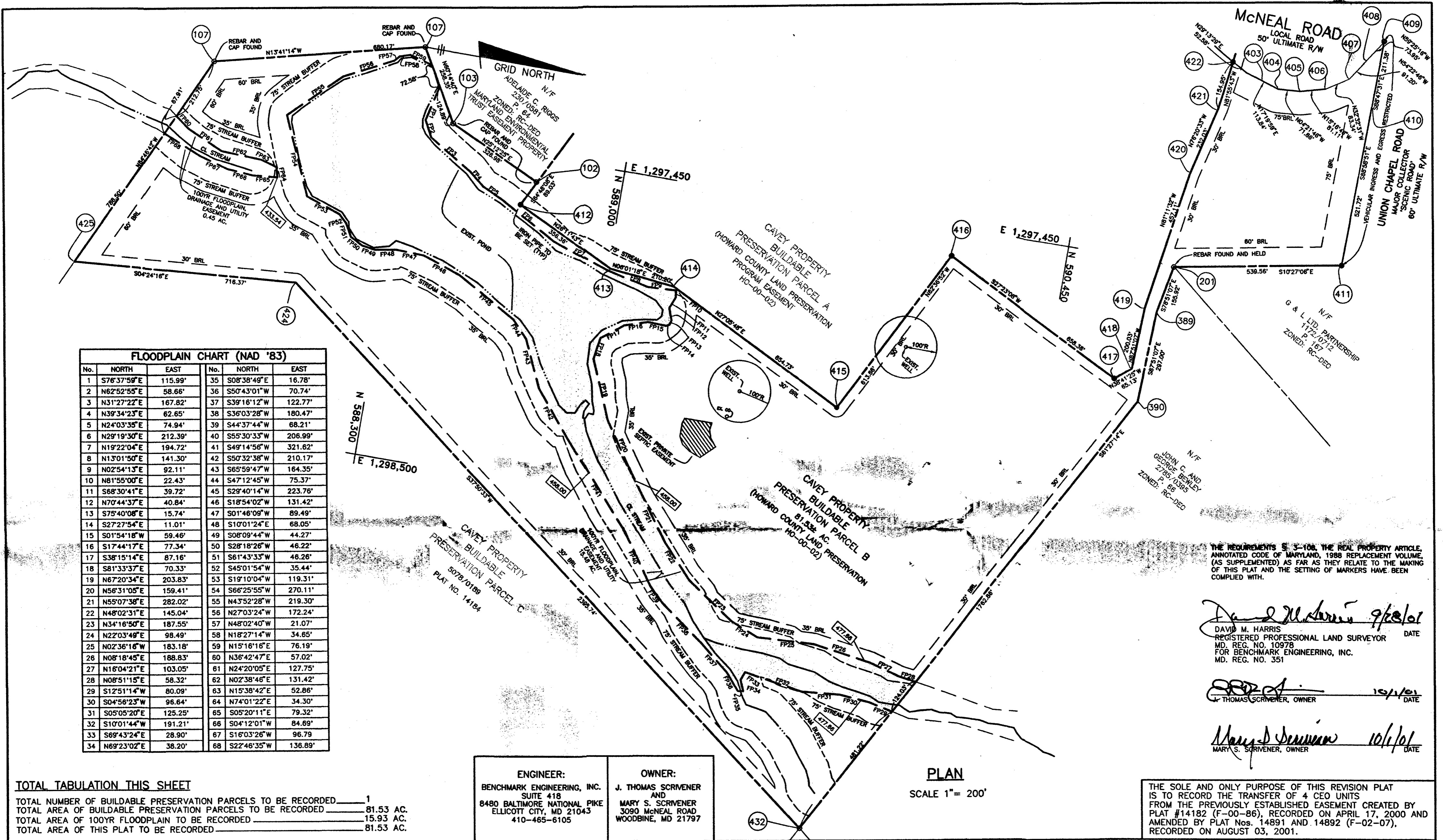
SCALE 1"=40'

DIST. P.O.L. EXIST. 485.0' ✓
 INV. 481.2' ✓

 TANK EXIST. 489.0' ✓
 INV. OUT 483.0' ✓
 INV. IN 483.4' ✓
 INV. @ HOUSE 484.4' ✓
 + BSMT
 BSMT 486.4' ✓
 HOUSE CAN BE RAISED.
 Proposed wall 404.8' ✓

 6/1/88
 S. Miller

BLDG. PERMIT SIGNED
 AND RETURNED 6/1/88
 EP 18777
 S. Miller



FLOODPLAIN CHART (NAD '83)					
No.	NORTH	EAST	No.	NORTH	EAST
1	S76°37'58"E	115.99'	35	S08°38'49"E	16.78'
2	N62°52'55"E	58.66'	36	S50°43'01"W	70.74'
3	N31°27'22"E	167.82'	37	S39°16'12"W	122.77'
4	N39°34'23"E	62.65'	38	S36°03'28"W	180.47'
5	N24°03'35"E	74.94'	39	S44°37'44"W	68.21'
6	N29°19'30"E	212.39'	40	S55°30'33"W	206.99'
7	N19°22'04"E	194.72'	41	S49°14'56"W	321.62'
8	N13°01'50"E	141.30'	42	S50°32'38"W	210.17'
9	N02°54'13"E	92.11'	43	S65°59'47"W	164.35'
10	N81°55'00"E	22.43'	44	S47°12'45"W	75.37'
11	S68°30'41"E	39.72'	45	S29°40'14"W	223.76'
12	N70°44'37"E	40.84'	46	S18°54'02"W	131.42'
13	S75°40'08"E	15.74'	47	S01°46'09"W	89.49'
14	S27°27'54"E	11.01'	48	S10°01'24"E	68.05'
15	S01°54'18"W	59.46'	49	S08°09'44"W	44.27'
16	S17°44'17"E	77.34'	50	S28°18'26"W	46.22'
17	S38°15'14"E	87.16'	51	S61°43'33"W	46.26'
18	S81°33'37"E	70.33'	52	S45°01'54"W	35.44'
19	N67°20'34"E	203.83'	53	S19°10'04"W	119.31'
20	N56°31'05"E	159.41'	54	S66°25'55"W	270.11'
21	N55°07'38"E	282.02'	55	N43°52'28"W	219.30'
22	N48°02'31"E	145.04'	56	N27°03'24"W	172.24'
23	N34°16'50"E	187.55'	57	N48°02'40"W	21.07'
24	N22°03'49"E	98.49'	58	N18°27'14"W	34.65'
25	N02°36'16"W	183.18'	59	N15°16'16"E	76.19'
26	N08°18'45"E	188.83'	60	N36°42'47"E	57.02'
27	N16°04'21"E	103.05'	61	N24°20'05"E	127.75'
28	N08°51'15"E	58.32'	62	N02°38'46"E	131.42'
29	S12°51'14"W	80.09'	63	N15°38'42"E	52.86'
30	S04°56'23"W	96.64'	64	N74°01'22"E	34.30'
31	S05°05'20"E	125.25'	65	S05°20'11"E	79.32'
32	S10°01'44"W	191.21'	66	S04°12'01"W	84.69'
33	S69°43'24"E	28.90'	67	S16°03'26"W	96.79'
34	N69°23'02"E	38.20'	68	S22°46'35"W	136.89'

THE REQUIREMENTS § 5-100, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAN AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

David M. Harris 9/28/01
 DAVID M. HARRIS
 REGISTERED PROFESSIONAL LAND SURVEYOR DATE
 MD. REG. NO. 10978
 FOR BENCHMARK ENGINEERING, INC.
 MD. REG. NO. 351

J. Thomas Scrivener 10/1/01
 J. THOMAS SCRIVENER, OWNER DATE

Mary S. Scrivener 10/1/01
 MARY S. SCRIVENER, OWNER DATE

TOTAL TABULATION THIS SHEET
 TOTAL NUMBER OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED 1
 TOTAL AREA OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED 81.53 AC.
 TOTAL AREA OF 100YR FLOODPLAIN TO BE RECORDED 15.93 AC.
 TOTAL AREA OF THIS PLAT TO BE RECORDED 81.53 AC.

ENGINEER:
 BENCHMARK ENGINEERING, INC.
 SUITE 418
 8480 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MD 21043
 410-465-6105

OWNER:
 J. THOMAS SCRIVENER
 AND
 MARY S. SCRIVENER
 3090 MCNEAL ROAD
 WOODBINE, MD 21797

PLAN
 SCALE 1" = 200'

THE SOLE AND ONLY PURPOSE OF THIS REVISION PLAT IS TO RECORD THE TRANSFER OF 4 CEO UNITS FROM THE PREVIOUSLY ESTABLISHED EASEMENT CREATED BY PLAT #14182 (F-00-86), RECORDED ON APRIL 17, 2000 AND AMENDED BY PLAT Nos. 14891 AND 14892 (F-02-07), RECORDED ON AUGUST 03, 2001.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS, IN ACCORDANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

David M. Harris 10-28-01
 COUNTY HEALTH OFFICER DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE REVISION PLAT SHOWN HEREON IS CORRECT; THAT IT DEFINES A PRESERVATION PARCEL EASEMENT OF 81.53± ACRES ON ALL OF THE LAND CONVEYED BY DESALES MICHAEL CAVEY TO J. THOMAS SCRIVENER AND MARY S. SCRIVENER, BY DEED DATED MAY 17, 2000 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN LIBER 5094 AT FOLIO 251 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS NOW AMENDED.

OWNER'S DEDICATION

WE, J. THOMAS SCRIVENER AND MARY S. SCRIVENER, OWNERS 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 DEPT. 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 AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE 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, (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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 12 DAY OF October 2001.

RECORDED AS PLAT NO. 15049 ON 11-2-01 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John P. ... 11/1/01
 CHIEF, DEVELOPMENT ENGINEERING DIVISION MAJ DATE

Joseph ... 11/1/01
 DIRECTOR DATE

David M. Harris
 DAVID M. HARRIS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MD. REG. NO. 10978
 FOR BENCHMARK ENGINEERING, INC.
 MD. REG. NO. 351

J. Thomas Scrivener
 J. THOMAS SCRIVENER
 WITNESS

Mary S. Scrivener
 MARY S. SCRIVENER
 WITNESS

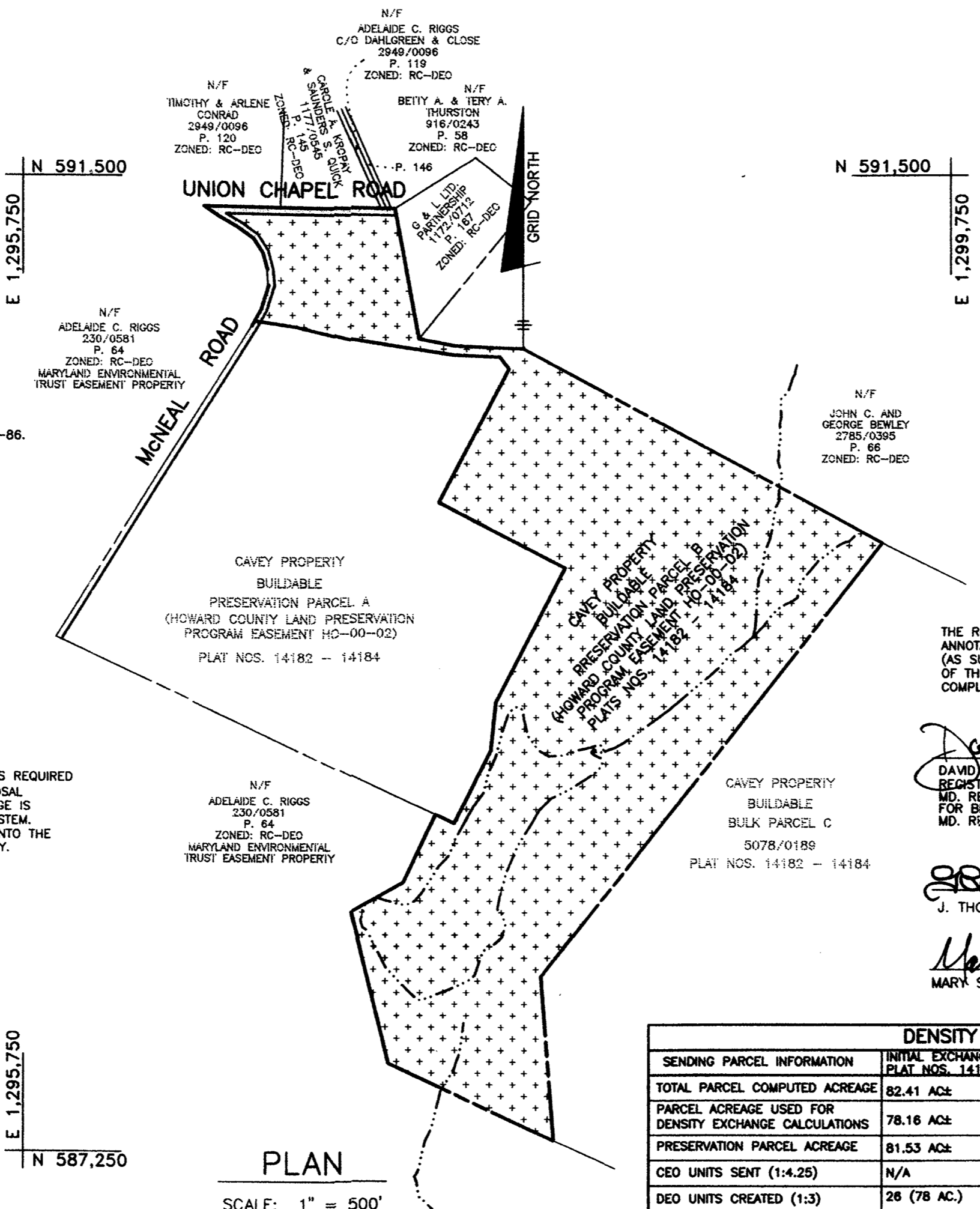
REVISION PLAT AND AMENDED PLAT OF EASEMENT
CAVEY PROPERTY
 PRESERVATION PARCEL B

WP-00-57 F-00-86 F-01-144 F-02-07
 4th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
 ZONING: RC-DEO
 TAX MAP: 14, 21
 GRID: 19 & 20, 1 & 2
 PARCEL: 246

SCALE: 1" = 200'
 DATE: SEPTEMBER, 2001
 SHEET: 2 of 2

GENERAL NOTES

- DENOTES IRON PIPE FOUND.
● DENOTES REBAR AND CAP TO BE SET
- COORDINATES BASED ON NAD 83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 14E1 AND 0039.
- BRL INDICATES BUILDING RESTRICTION LINE.
- SUBJECT PROPERTY ZONED RC-DEO PER 10-18-93 COMPREHENSIVE ZONING PLAN.
- ALL AREAS ON THIS PLAT ARE "MORE OR LESS".
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT OCTOBER, 1999, BY BENCHMARK ENGINEERING, INC.
- 343.3 INDICATES 100-YEAR FLOOD PLAIN ELEVATION TAKEN FROM HOWARD COUNTY 200 SCALE TOPO MAP.
- 376 INDICATES COORDINATE DESIGNATION
- THERE ARE EXISTING STRUCTURES AND DWELLINGS LOCATED ON PRESERVATION PARCEL B TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLINGS ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
- A WAIVER PETITION (WP-00-57) TO SECTION 16.116(a)(4) AND 16.147(c)(17) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH REQUIRES THE WETLAND AND WETLAND BUFFERS TO BE DELINEATED ON FINAL PLATS WAS APPROVED BY THE PLANNING DIRECTOR ON 1-13-00.
- THE FOREST CONSERVATION REQUIREMENT FOR THIS PROPERTY WAS PREVIOUSLY ADDRESSED WITH F-00-86. A DECLARATION OF INTENT WAS FILED FOR THE CAVEY PROPERTY, PRESERVATION PARCELS 'A' AND 'B' AND BULK PARCEL 'C' SUBDIVISION (F-00-86). THAT SUBDIVISION (F-00-86) QUALIFIED AS A SUBDIVISION FOR REAL ESTATE TRANSACTION BECAUSE IT ESTABLISHED PARCELS FOR TWO DWELLINGS ON PRESERVATION PARCELS 'A' AND 'B', DID NOT CHANGE THE LAND USE AND PROPOSED NO NEW DEVELOPMENT IN ACCORDANCE WITH SECTION 16.1202(b)(2)(iv) OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL.
- PRESERVATION PARCEL B IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH THE HOWARD COUNTY AGRICULTURAL LAND PRESERVATION EASEMENT PROGRAM. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCELS, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNERS AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.
- ACCESS TO THE EXISTING DWELLING ON PRESERVATION PARCEL 'B' WILL BE VIA THE EXISTING DRIVEWAY THAT RUNS FROM McNEAL ROAD THROUGH THE 40-FOOT WIDE STRIP BETWEEN PRESERVATION PARCEL 'A' AND THE BEWLEY PROPERTY TO THE DWELLING.
- THIS AREA REPRESENTS PRESERVATION EASEMENT AREAS.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE 100 YEAR FLOODPLAIN, STREAMS OR 75' STREAM BUFFER.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). 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 SEWER 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.
- THIS SUBDIVISION IS EXEMPT FROM THE PERIMETER LANDSCAPE REQUIREMENTS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL BECAUSE THIS PLAT IS A REVISION OF A BULK PARCEL SUBDIVISION. THERE IS NO CHANGE IN LAND USE WITH THE RECORDING OF THIS PLAT AND THERE IS AN EXISTING DWELLING LOCATED ON PRESERVATION PARCEL 'B'.
- THIS REVISION PLAT WILL NOT IMPACT ANY WETLANDS OR THE 25' WETLAND BUFFER.
- IN ACCORDANCE WITH RECORDED PLAT NUMBERS 14182-14184 PRESERVATION PARCEL 'B' PREVIOUSLY EXTINGUISHED PERMANENTLY THE RIGHT TO DEVELOP 81.53 ACRES± BASED ON THE DEO/CEO PROVISIONS OF SECTION 106 OF THE HOWARD COUNTY ZONING REGULATIONS

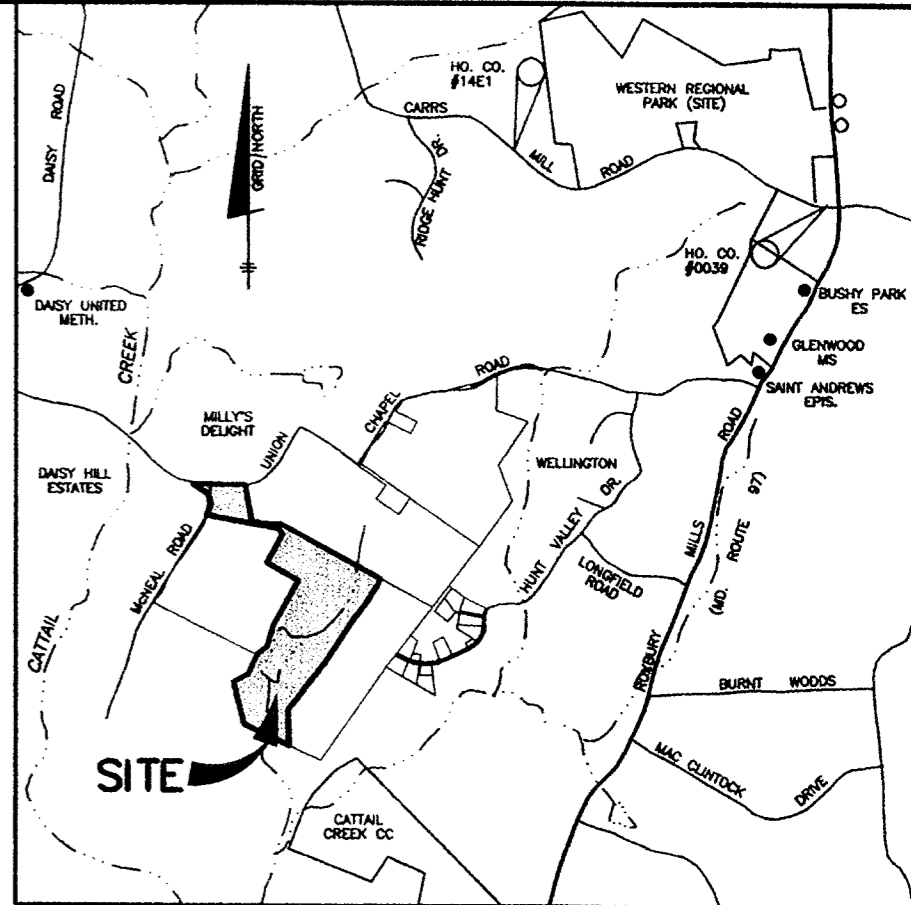


PLAN
SCALE: 1" = 500'

BENCH MARKS NAD'83

HO. CO. #14E1
STAMPED BRASS DISK SET ON TOP OF CONC. BASE; 33' WEST OF CL OF DRIVE TO 15050 CARRS MILL ROAD; 19.8' NORTH OF EDGE OF PAVING OF CARRS MILL ROAD.
N 596213.6182' E 1301991.8973'
ELEV. 590.862'

HO. CO. #0039
STAMPED BRASS DISK SET ON TOP OF CONC. BASE @ SOUTHWEST CORNER OF CARRS MILL ROAD AND ROUTE 97; 33.4' SOUTH OF CL OF CARRS MILL ROAD AND 40.3' WEST OF CL OF ROUTE 97.
N 595722.8341' E 1306481.8720'
ELEV. 590.862'



VICINITY MAP
SCALE: 1" = 3000'

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

David M. Harris 09/28/01 DATE
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD. REG. NO. 10978
FOR BENCHMARK ENGINEERING, INC.
MD. REG. NO. 351

J. Thomas Scrivener 10/1/01 DATE
J. THOMAS SCRIVENER, OWNER

Mary S. Scrivener 10/1/01 DATE
MARY S. SCRIVENER, OWNER

BOUNDARY COORDINATES				BOUNDARY COORDINATES			
No.	NORTH	EAST	No.	NORTH	EAST	No.	NORTH
102	588726.2340	1297529.4768	422	590871.7043	1296774.3493		
103	588430.3881	1297390.2178	423	589911.4804	1299454.9455		
104	588302.1675	1297165.9279	424	588019.5640	1297985.1822		
107	587641.3100	1297326.8712	425	587305.3146	1298040.1979		
201	590795.1686	1297456.6234					
389	590765.0223	1297609.6013					
390	590753.8903	1297906.3926					
403	590919.9484	1296801.3393					
404	591028.6230	1296835.2565					
405	591100.2743	1296829.7901					
406	591178.5208	1296808.4144					
407	591248.7742	1296763.5858					
408	591301.8924	1296689.4473					
409	591339.5131	1296625.7808					
410	591335.0566	1296837.1102					
411	591325.7768	1297358.7448					
412	588688.3284	1297610.0384					
413	589008.0862	1297767.3469					
414	589217.1249	1297789.3979					
415	589799.9906	1298087.6235					
416	590082.2602	1297542.7310					
417	590666.8353	1297845.5572					
418	590717.6710	1297804.8444					
419	590725.1684	1207604.9562					
420	590795.1614	1297153.2367					
421	590849.9475	1296927.7688					

DENSITY EXCHANGE			
SENDING PARCEL INFORMATION	INITIAL EXCHANGE PLAT NOS. 14182-14184	SECOND EXCHANGE	THIRD EXCHANGE
TOTAL PARCEL COMPUTED ACREAGE	82.41 AC± ①	82.41 AC± ①	82.41 AC± ①
PARCEL ACREAGE USED FOR DENSITY EXCHANGE CALCULATIONS	78.16 AC± ②	78.16 AC± ②	78.16 AC± ②
PRESERVATION PARCEL ACREAGE	81.53 AC±	81.53 AC±	81.53 AC±
CEO UNITS SENT (1:4.25)	N/A	N/A	4 (17 AC.)
DEO UNITS CREATED (1:3)	26 (78 AC.)	26 (78 AC.)	26 (78 AC.)
DEO UNITS SENT (1:3)	10 (30 AC.) ③	8 (18 AC)	N/A
REMAINING PRESERVATION PARCEL ACREAGE AVAILABLE FOR EXCHANGE	48.16 AC.	30.16 AC.	13.16 AC.
DEO UNITS REMAINING (1:3)	16 (48 AC.)	10 (30 AC)	4 (12 AC)
RECEIVING PARCEL	TAX MAP 21-GRID 17, PARCEL 31 WINDRIDGE FARM SP-99-12	TAX MAP 15-GRID 19, PARCEL 175 FRIENDSHIP LAKES F-01-12	TAX MAP 29-GRID 5, P/O PARCEL 21 GAITHER HUNT SECTION 1, AREA 1 LOTS 75 - 79 F-01-144

- ① INCLUDES 0.88 AC. OF ROW DEDICATION
- ② EXISTING DWELLING UNIT EXISTS ON PRESERVATION PARCEL B. ACREAGE SHOWN OBTAINED FROM SUBTRACTING 4.25 AC. FROM TOTAL PARCEL COMPUTED ACREAGE.
- ③ UNITS SENT AS INITIAL EXCHANGE OF DENSITY RIGHTS.

TOTAL TABULATION THIS SHEET

TOTAL NUMBER OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED	1
TOTAL AREA OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED	81.53 AC.
TOTAL AREA OF 100 YR. FLOODPLAIN TO BE RECORDED	15.93 AC.
TOTAL AREA OF THIS PLAT TO BE RECORDED	81.53 AC.

ENGINEER:
BENCHMARK ENGINEERING, INC.
SUITE 418
8480 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21043
410-465-6105

OWNER:
J. THOMAS SCRIVENER AND
MARY S. SCRIVENER
3090 McNEAL ROAD
WOODBINE, MARYLAND 21797

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS, IN ACCORDANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

David M. Harris 10-29-01 DATE
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/1/01 DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION MAJ

[Signature] 11/2/01 DATE
DIRECTOR

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE REVISION PLAT SHOWN HEREON IS CORRECT; THAT IT DEFINES A PRESERVATION PARCEL EASEMENT OF 81.53± ACRES ON ALL OF THE LAND CONVEYED BY DESALES MICHAEL CAVEY TO J. THOMAS SCRIVENER AND MARY S. SCRIVENER, BY DEED DATED MAY 17, 2000 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN LIBER 5094 AT FOLIO 251 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS NOW AMENDED.

David M. Harris DATE
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD. REG. NO. 10978
FOR BENCHMARK ENGINEERING, INC.
MD. REG. NO. 351

OWNER'S DEDICATION

WE, J. THOMAS SCRIVENER AND MARY S. SCRIVENER, OWNERS 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 DEPT. 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, FLOODPLAIN AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE 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, (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 ERCTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 1st DAY OF October 2001.

J. Thomas Scrivener WITNESS
Mary S. Scrivener WITNESS

THE SOLE AND ONLY PURPOSE OF THIS REVISION PLAT IS TO RECORD THE TRANSFER OF 4 CEO UNITS FROM THE PREVIOUSLY ESTABLISHED EASEMENT PLAT #14182 (F-00-86), RECORDED ON APRIL 17, 2000 AND AMENDED BY PLAT NOS. 14891 AND 14892 (F-02-07), RECORDED ON AUGUST 03, 2001.

RECORDED AS PLAT NO. 15048 ON 11-2-01 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

REVISION PLAT AND AMENDED PLAT OF EASEMENT
CAVEY PROPERTY
PRESERVATION PARCEL B

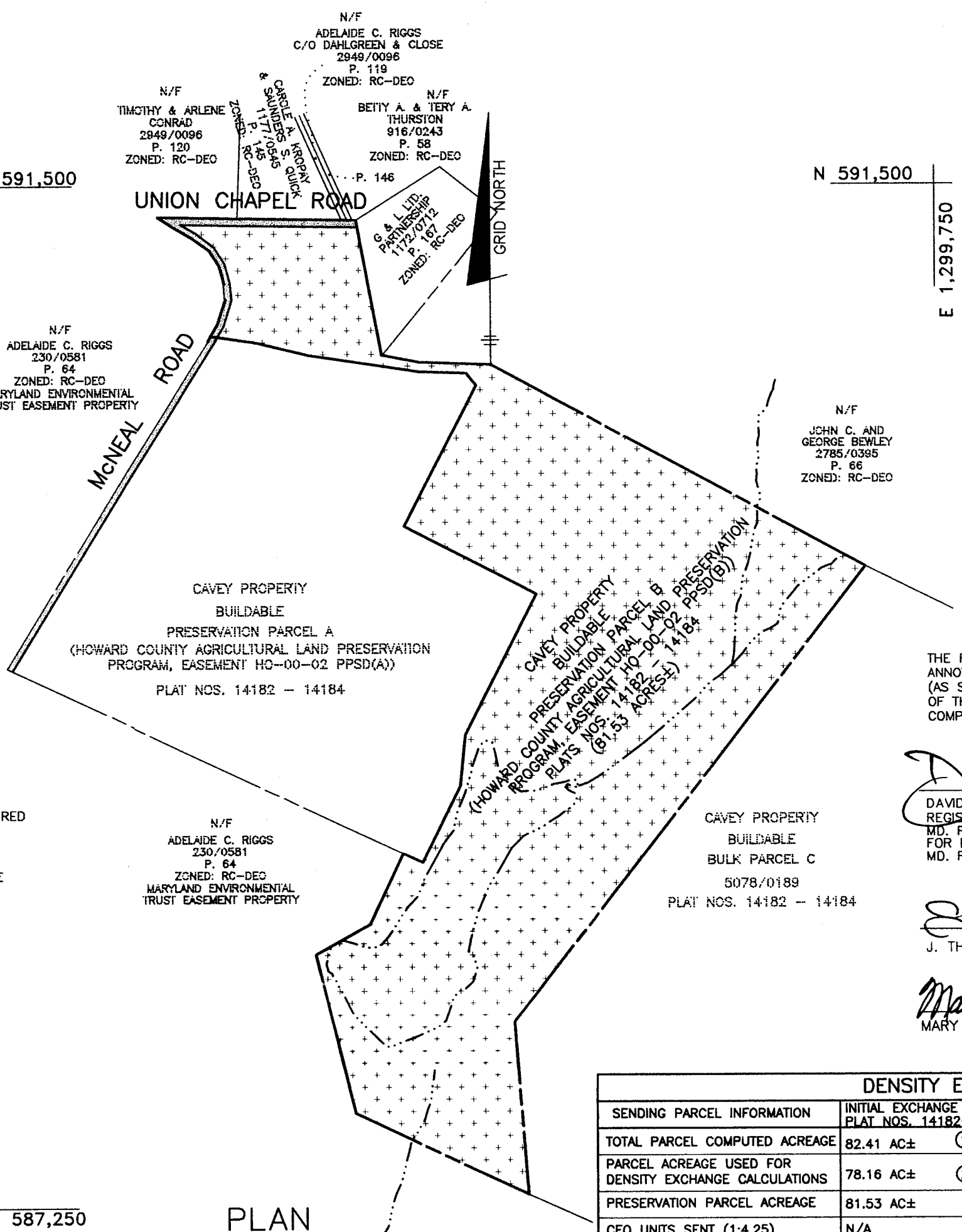
WP-00-57 F-00-86 F-01-144 F-02-07
4th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
ZONING: RC-DEO
TAX MAP: 14, 21
GRID: 19 & 20, 1 & 2
PARCEL: 246

SCALE: AS SHOWN
DATE: SEPTEMBER, 2001
SHEET: 1 of 2

GENERAL NOTES

- DENOTES IRON PIPE FOUND.
● DENOTES REBAR AND CAP TO BE SET
- COORDINATES BASED ON NAD 83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 14E1 AND 0039.
- BRL INDICATES BUILDING RESTRICTION LINE.
- SUBJECT PROPERTY ZONED RC-DEO PER 10-18-93 COMPREHENSIVE ZONING PLAN.
- ALL AREAS ON THIS PLAT ARE "MORE OR LESS".
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT OCTOBER, 1999, BY BENCHMARK ENGINEERING, INC.
- 343.3 INDICATES 100-YEAR FLOOD PLAIN ELEVATION TAKEN FROM HOWARD COUNTY 200 SCALE TOPO MAP.
- 376 INDICATES COORDINATE DESIGNATION
- THERE ARE EXISTING STRUCTURES AND DWELLINGS LOCATED ON PRESERVATION PARCEL B TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLINGS ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
- A WAIVER PETITION (WP-00-57) TO SECTION 16.116(c)(4) AND 16.147(c)(17) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH REQUIRES THE WETLAND AND WETLAND BUFFERS TO BE DELINEATED ON FINAL PLATS WAS APPROVED BY THE PLANNING DIRECTOR ON 1-13-00.
- THE FOREST CONSERVATION REQUIREMENT FOR THIS PROPERTY WAS PREVIOUSLY ADDRESSED WITH F-00-86. A DECLARATION OF INTENT WAS FILED FOR THE CAVEY PROPERTY, PRESERVATION PARCELS 'A' AND 'B' AND BULK PARCEL 'C' SUBDIVISION (F-00-86). THAT SUBDIVISION (F-00-86) QUALIFIED AS A SUBDIVISION FOR REAL ESTATE TRANSACTION BECAUSE IT ESTABLISHED PARCELS FOR TWO DWELLINGS ON PRESERVATION PARCELS 'A' AND 'B', DID NOT CHANGE THE LAND USE AND PROPOSED NO NEW DEVELOPMENT IN ACCORDANCE WITH SECTION 16.1202(b)(2)(iv) OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL.
- PRESERVATION PARCEL B IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH THE HOWARD COUNTY AGRICULTURAL LAND PRESERVATION PROGRAM. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCELS, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNERS AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.
- ACCESS TO THE EXISTING DWELLING ON PRESERVATION PARCEL 'B' WILL BE VIA THE EXISTING DRIVEWAY THAT RUNS FROM MCNEAL ROAD THROUGH THE 40-FOOT WIDE STRIP BETWEEN PRESERVATION PARCEL 'A' AND THE BEWLEY PROPERTY TO THE DWELLING.
- THIS AREA REPRESENTS PRESERVATION EASEMENT AREAS.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE 100 YEAR FLOODPLAIN, STREAMS OR 75' STREAM BUFFER.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). 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 SEWER 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.
- THIS SUBDIVISION IS EXEMPT FROM THE PERIMETER LANDSCAPE REQUIREMENTS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL BECAUSE THIS PLAT IS A REVISION OF A BULK PARCEL SUBDIVISION. THERE IS NO CHANGE IN LAND USE WITH THE RECORDING OF THIS PLAT AND THERE IS AN EXISTING DWELLING LOCATED ON PRESERVATION PARCEL 'B'.
- THIS REVISION PLAT WILL NOT IMPACT ANY WETLANDS OR THE 25' WETLAND BUFFER.
- IN ACCORDANCE WITH RECORDED PLAT NUMBERS 14182-14184 PRESERVATION PARCEL 'B' PREVIOUSLY EXTINGUISHED PERMANENTLY THE RIGHT TO DEVELOP 81.53 ACRES± BASED ON THE DEO/CEO PROVISIONS OF SECTION 106 OF THE HOWARD COUNTY ZONING REGULATIONS

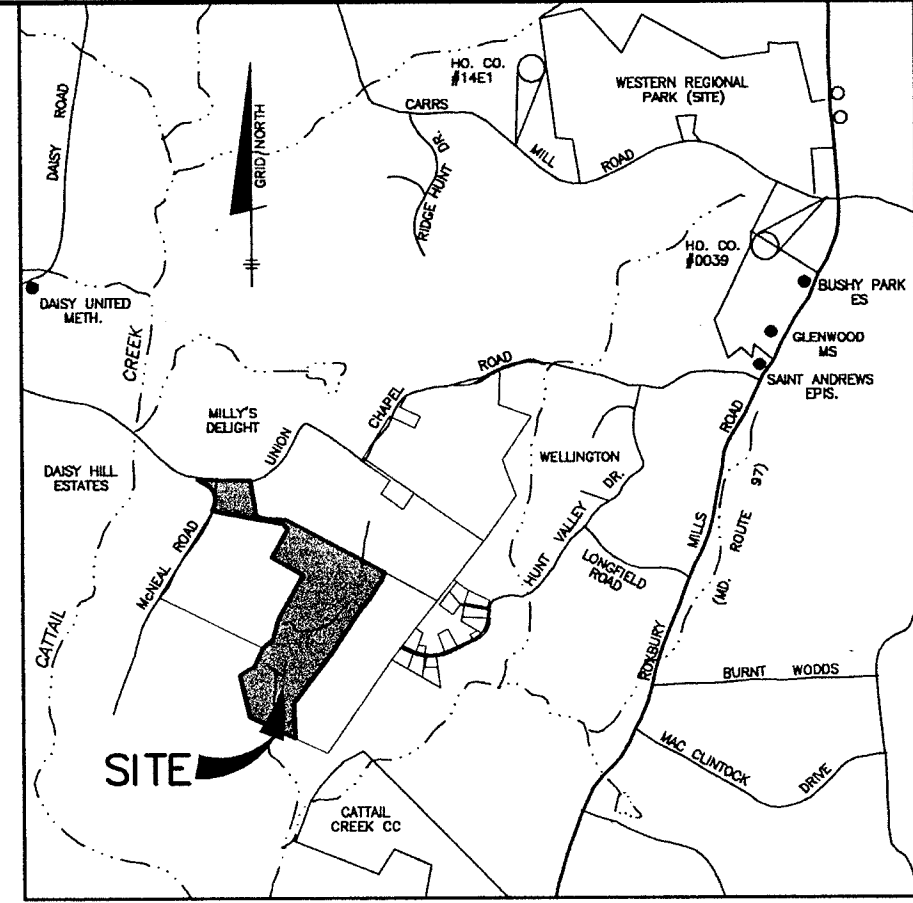
ENGINEER: BENCHMARK ENGINEERING, INC. SUITE 418 8480 BALTIMORE NATIONAL PIKE ELLCOTT CITY, MARYLAND 21043 410-465-6105	OWNER: J. THOMAS SCRIVENER AND MARY S. SCRIVENER 3090 MCNEAL ROAD WOODBINE, MARYLAND 21797
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BENCH MARKS NAD'83

HO. CO. #14E1
STAMPED BRASS DISK SET ON TOP OF CONC. BASE; 33' WEST OF CL OF DRIVE TO 15050 CARRS MILL ROAD; 19.8' NORTH OF EDGE OF PAVING OF CARRS MILL ROAD.
N 596213.6182' E 1301991.8973'
ELEV. 590.862'

HO. CO. #0039
STAMPED BRASS DISK SET ON TOP OF CONC. BASE @ SOUTHWEST CORNER OF CARRS MILL ROAD AND ROUTE 97; 33.4' SOUTH OF CL OF CARRS MILL ROAD AND 40.3' WEST OF CL OF ROUTE 97.
N 595722.8341' E 1306481.8720'
ELEV. 590.862'



VICINITY MAP
SCALE: 1" = 3000'

COORDINATE CHART (NAD '83) FEET					
BOUNDARY COORDINATES			BOUNDARY COORDINATES		
No.	NORTH	EAST	No.	NORTH	EAST
102	588726.2340	1297529.4768	422	590871.7043	1296774.3493
103	588430.3881	1297390.2178	423	589911.4804	1299454.9455
104	588302.1675	1297165.9279	424	588019.5640	1297985.1822
107	587641.3100	1297326.8712	425	587305.3146	1298040.1979
201	590795.1686	1297456.6234			
389	590765.0223	1297609.6013			
390	590753.8903	1297906.3926			
403	590919.9484	1296801.3393			
404	591028.6230	1296835.2565			
405	591100.2743	1296829.7901			
406	591178.5208	1296808.4144			
407	591248.7742	1296763.5858			
408	591301.8924	1296689.4473			
409	591339.5131	1296625.7808			
410	591335.0566	1296837.1102			
411	591325.7768	1297358.7448			
412	588688.3284	1297610.0384			
413	589008.0862	1297767.3469			
414	589217.1249	1297789.3979			
415	589799.9906	1298087.6235			
416	590082.2602	1297542.7310			
417	590666.8353	1297845.5572			
418	590717.6710	1297804.8444			
419	590725.1684	1297604.9562			
420	590795.1614	1297153.2367			
421	590849.9475	1296927.7688			

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

David M. Harris 09/01/04
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD. REG. NO. 10978
FOR BENCHMARK ENGINEERING, INC.
MD. REG. NO. 351

J. Thomas Scrivener 9/8/04
J. THOMAS SCRIVENER, OWNER

Mary S. Scrivener 9/8/04
MARY S. SCRIVENER, OWNER

DENSITY EXCHANGE				
SENDING PARCEL INFORMATION	INITIAL EXCHANGE PLAT NOS. 14182-14184	SECOND EXCHANGE	THIRD EXCHANGE	FOURTH EXCHANGE
TOTAL PARCEL COMPUTED ACREAGE	82.41 AC± ①	82.41 AC± ①	82.41 AC± ①	82.41 AC± ①
PARCEL ACREAGE USED FOR DENSITY EXCHANGE CALCULATIONS	78.16 AC± ②	78.16 AC± ②	78.16 AC± ②	78.16 AC± ②
PRESERVATION PARCEL ACREAGE	81.53 AC±	81.53 AC±	81.53 AC±	81.53 AC±
CEO UNITS SENT (1:4.25)	N/A	N/A	4 (17 AC.)	N/A
DEO UNITS CREATED (1:3)	26 (78 AC.)	26 (78 AC.)	26 (78 AC.)	26 (78 AC.)
DEO UNITS SENT (1:3)	10 (30 AC.) ③	6 (18 AC)	N/A	2 (6 AC.)
REMAINING PRESERVATION PARCEL ACREAGE AVAILABLE FOR EXCHANGE	48.16 AC.	30.16 AC.	13.16 AC.	7.16 AC.
DEO UNITS REMAINING (1:3)	16 (48 AC.)	10 (30 AC)	4 (12 AC)	2 (6 AC.)
RECEIVING PARCEL	TAX MAP 21-GRID 17, PARCEL 31 WINDRIDGE FARM SP-99-12	TAX MAP 15-GRID 19, PARCEL 175 FRIENDSHIP LAKES F-01-12	TAX MAP 29-GRID 5, P/O PARCEL 21 GAITHER HUNT SECTION 1, AREA 1 LOTS 75 - 79 F-01-144	TAX MAP 22-GRID 16 PARCEL 73 J. DAVID MULLINIX PROPERTY LOT 5 SP-01-05

- ① INCLUDES 0.88 AC. OF ROW DEDICATION
- ② EXISTING DWELLING UNIT EXISTS ON PRESERVATION PARCEL B. ACREAGE SHOWN OBTAINED FROM SUBTRACTING 4.25 AC. FROM TOTAL PARCEL COMPUTED ACREAGE.
- ③ UNITS SENT AS INITIAL EXCHANGE OF DENSITY RIGHTS.

THE SOLE AND ONLY PURPOSE OF THIS REVISION PLAT IS TO RECORD THE TRANSFER OF 2 DEO UNITS FROM THE PREVIOUSLY ESTABLISHED EASEMENT CREATED BY PLAT #14182 (F-00-86), RECORDED ON APRIL 17, 2000 AND AMENDED BY PLAT Nos. 14891 & 14892 (F-02-07), RECORDED ON AUGUST 03, 2001, AND PLAT Nos. 15048 & 15049 (F-02-51), RECORDED ON NOVEMBER 02, 2001.

TOTAL TABULATION THIS SHEET

TOTAL NUMBER OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED _____ 1
 TOTAL AREA OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED _____ 81.53 AC.
 TOTAL AREA OF 100 YR. FLOODPLAIN TO BE RECORDED _____ 15.93 AC.
 TOTAL AREA OF THIS PLAT TO BE RECORDED _____ 81.53 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS, IN ACCORDANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

COUNTY HEALTH OFFICER KN DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DIRECTOR _____ DATE _____

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE REVISION PLAT SHOWN HEREON IS CORRECT; THAT IT DEFINES A PRESERVATION PARCEL EASEMENT OF 81.53± ACRES ON ALL OF THE LAND CONVEYED BY DEALES MICHAEL CAVEY TO J. THOMAS SCRIVENER AND MARY S. SCRIVENER, BY DEED DATED MAY 17, 2000 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN LIBER 5094 AT FOLIO 251 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS NOW AMENDED.

David M. Harris 09/01/04
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD. REG. NO. 10978
FOR BENCHMARK ENGINEERING, INC.
MD. REG. NO. 351

OWNER'S DEDICATION

WE, J. THOMAS SCRIVENER AND MARY S. SCRIVENER, OWNERS 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 DEPT. 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, FLOODPLAIN AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE 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, (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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS _____ DAY OF SEPTEMBER, 2004.

J. Thomas Scrivener
J. THOMAS SCRIVENER

Mary S. Scrivener
MARY S. SCRIVENER

Witness
WITNESS

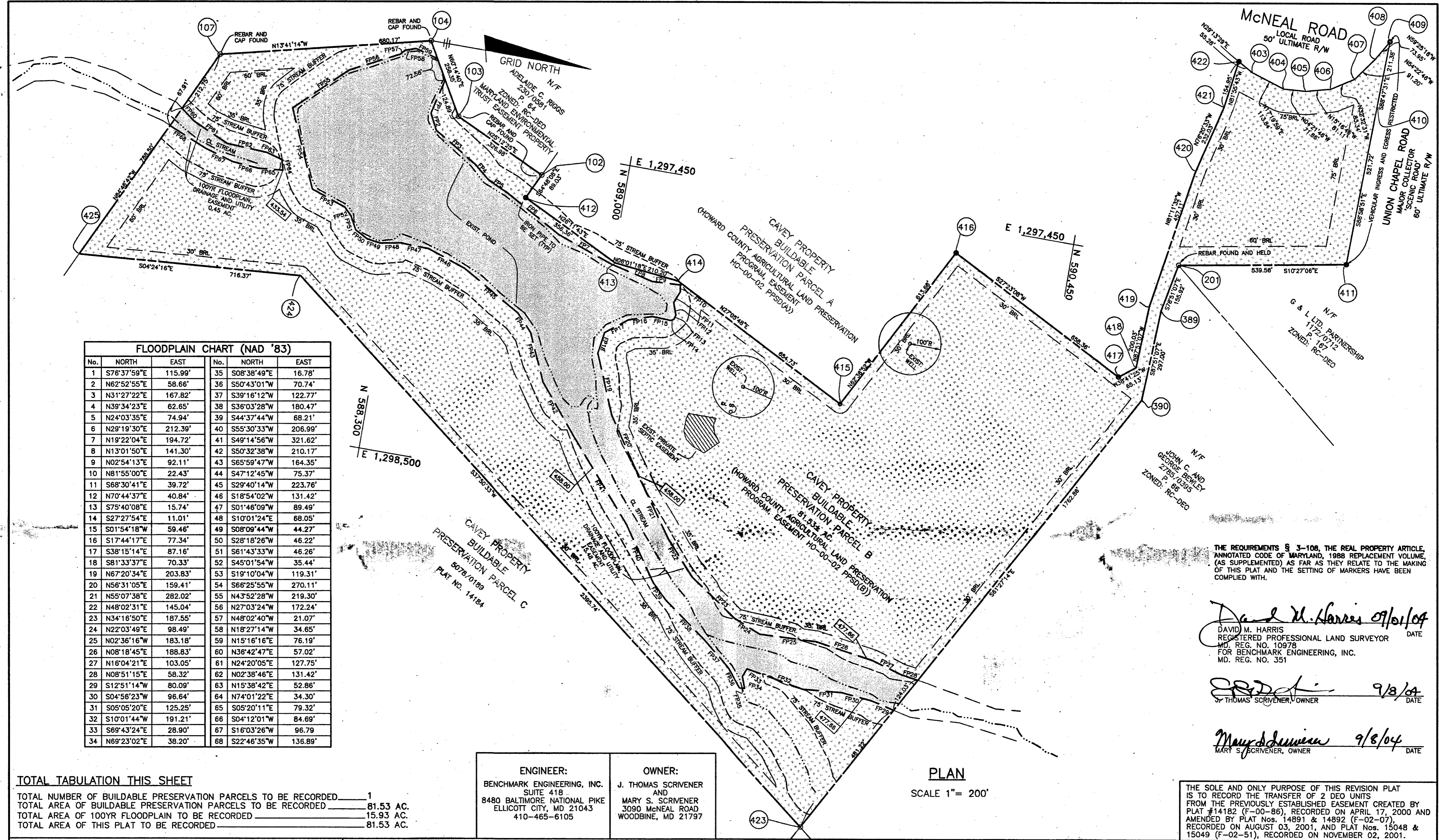
RECORDED AS PLAT NO. _____ ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

REVISION PLAT AND AMENDED PLAT OF EASEMENT CAVEY PROPERTY PRESERVATION PARCEL B

WP-00-57 F-00-86 F-01-144 F-02-07 F-02-51
4th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
ZONING: RC-DEO
TAX MAP: 14, 21
GRID: 19 & 20, 1 & 2
PARCEL: 246

SCALE: AS SHOWN
DATE: AUGUST, 2004
SHEET: 1 of 2

O's only Health F-05-045



FLOODPLAIN CHART (NAD '83)

No.	NORTH	EAST	No.	NORTH	EAST
1	S76°37'59"E	115.99'	35	S08°38'49"E	16.78'
2	N62°52'55"E	58.66'	36	S50°43'01"W	70.74'
3	N31°27'22"E	167.82'	37	S39°16'12"W	122.77'
4	N39°34'23"E	62.65'	38	S36°03'28"W	180.47'
5	N24°03'35"E	74.94'	39	S44°37'44"W	68.21'
6	N29°19'30"E	212.39'	40	S55°30'33"W	206.99'
7	N19°22'04"E	194.72'	41	S49°14'56"W	321.62'
8	N13°01'50"E	141.30'	42	S50°32'38"W	210.17'
9	N02°54'13"E	92.11'	43	S65°59'47"W	164.35'
10	N81°55'00"E	22.43'	44	S47°12'45"W	75.37'
11	S68°30'41"E	39.72'	45	S29°40'14"W	223.76'
12	N70°44'37"E	40.84'	46	S18°54'02"W	131.42'
13	S75°40'08"E	15.74'	47	S01°46'09"W	89.49'
14	S27°27'54"E	11.01'	48	S10°01'24"E	68.05'
15	S01°54'18"W	59.46'	49	S08°09'44"W	44.27'
16	S17°44'17"E	77.34'	50	S28°18'26"W	46.22'
17	S38°15'14"E	87.16'	51	S61°43'33"W	46.26'
18	S81°33'37"E	70.33'	52	S45°01'54"W	35.44'
19	N67°20'34"E	203.83'	53	S19°10'04"W	119.31'
20	N56°31'05"E	159.41'	54	S66°25'55"W	270.11'
21	N55°07'38"E	282.02'	55	N43°52'28"W	219.30'
22	N48°02'31"E	145.04'	56	N27°03'24"W	172.24'
23	N34°16'50"E	187.55'	57	N48°02'40"W	21.07'
24	N22°03'49"E	98.49'	58	N18°27'14"W	34.65'
25	N02°36'16"W	183.18'	59	N15°16'16"E	76.19'
26	N08°18'45"E	188.83'	60	N36°42'47"E	57.02'
27	N16°04'21"E	103.05'	61	N24°20'05"E	127.75'
28	N08°51'15"E	58.32'	62	N02°38'46"E	131.42'
29	S12°51'14"W	80.09'	63	N15°38'42"E	52.86'
30	S04°56'23"W	96.64'	64	N74°01'22"E	34.30'
31	S05°05'20"E	125.25'	65	S05°20'11"E	79.32'
32	S10°01'44"W	191.21'	66	S04°12'01"W	84.69'
33	S69°43'24"E	28.90'	67	S16°03'26"W	96.79'
34	N69°23'02"E	38.20'	68	S22°46'35"W	138.89'

TOTAL TABULATION THIS SHEET

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TOTAL AREA OF BUILDABLE PRESERVATION PARCELS TO BE RECORDED 81.53 AC.

TOTAL AREA OF 100YR FLOODPLAIN TO BE RECORDED 15.93 AC.

TOTAL AREA OF THIS PLAT TO BE RECORDED 81.53 AC.

ENGINEER:
BENCHMARK ENGINEERING, INC.
SUITE 418
8480 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21043
410-465-6105

OWNER:
J. THOMAS SCRIVENER
AND
MARY S. SCRIVENER
3090 McNEAL ROAD
WOODBINE, MD 21797

PLAN
SCALE 1" = 200'

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

David M. Harris 9/1/04
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD. REG. NO. 10978
FOR BENCHMARK ENGINEERING, INC.
MD. REG. NO. 351

J. Thomas Scrivener 9/8/04
J. THOMAS SCRIVENER, OWNER

Mary S. Scrivener 9/8/04
MARY S. SCRIVENER, OWNER

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS, IN ACCORDANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

COUNTY HEALTH OFFICER KW DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE _____

DIRECTOR DATE _____

SURVEYOR'S CERTIFICATE

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J. Thomas Scrivener
J. THOMAS SCRIVENER

Mary S. Scrivener
MARY S. SCRIVENER

Rem Cll
WITNESS

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WITNESS

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