

LAYOUT 10/20/03 1:30 pm INSP 4 11/10/03 1:30 pm 11/25/03 Noon
INSP 2 11/3/03 - 2:30 INSP 5 11/13/03 - 12:30 pm
INSP 3 11/5/03 2:30 INSP 6 11/17/03 - 2 PM
ISSUE DATE: 9/25/2003 11/19/03 3:00 pm

APPROVAL DATE: 11/19/03

P 519590

A 56600-W

PERMIT INDEXED

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

05-432871

Fogles Septic Clean, Inc

IS PERMITTED TO

INSTALL ☒ ALTER ☐

ADDRESS: 580 Obrecht Rd, Sykesville 21784 PHONE NUMBER: 410-795-5670

SUBDIVISION: High Forest Estates LOT NUMBER: 24

ADDRESS: 15181 Sapling Ridge PROPERTY OWNER: Big Branch Overlook, LLC

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

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒
WITH MANHOLE ACCESS

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box near the center of the top of the septic easement. Run trenches on contour in both directions.
NOTES:	Make sure the septic tank is 100' from the well. *Septic tank specifications apply to all lots in subdivision as agreed by the builder.

PLANS APPROVED: Brian Baker OK SRK 9/25/03 DATE: 7/2/03

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

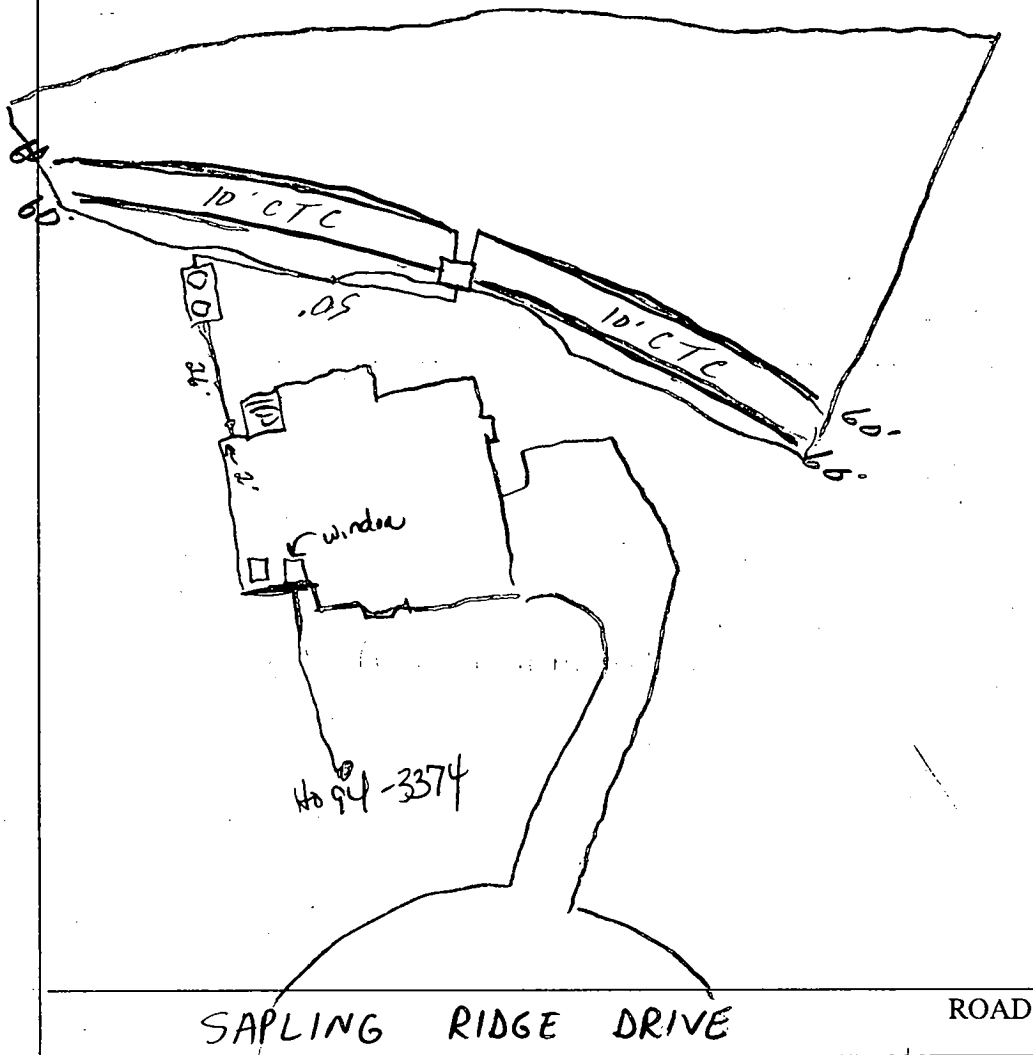
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

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**

456600-W

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2.5'	4.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		240
ABSORPTION AREA		720
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>		
CAPACITY	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH	3	
BAFFLES	<input checked="" type="checkbox"/>	
BAFFLE FILTER	<input checked="" type="checkbox"/>	
MANHOLE LOC	FRB	
6" PORT LOC		
WATERTIGHT TEST		
SEPTIC TANK 2 LEVEL <u>NA</u>		
CAPACITY		GAL
SEAM LOC		
TANK LID DEPTH		
BAFFLES		
BAFFLE FILTER		
MANHOLE LOC		
6" PORT LOC		
WATERTIGHT TEST		

PRE-CONSTRUCTION 10/20/03 Not Ready (SO) 11/3/03 - SRA stake, 4-6' at fall in SRA. Job shut down. Remove fill (SO)

INSTALLATION 11/5/03 - Fill removed, OK to start, Install for BP. (SO) 11/10/03 no work done (SO/KB) 11/13/03 - TANK SET. NO OTHER WORK PERFORMED (SRK) 11/17/03 - Tank set, D.B set (SO) 11/19/03 OK to cover all work (SO) 11/25/03 well done house connection under window, centered on the left of the front door (RN)

FINAL INSPECTOR

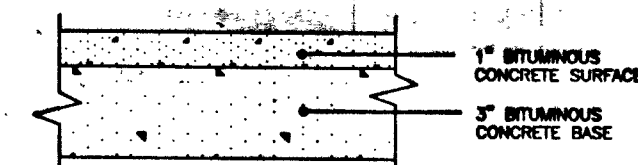
[Signature]

DATE OF APPROVAL

11/19/03

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13981, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-01-176 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

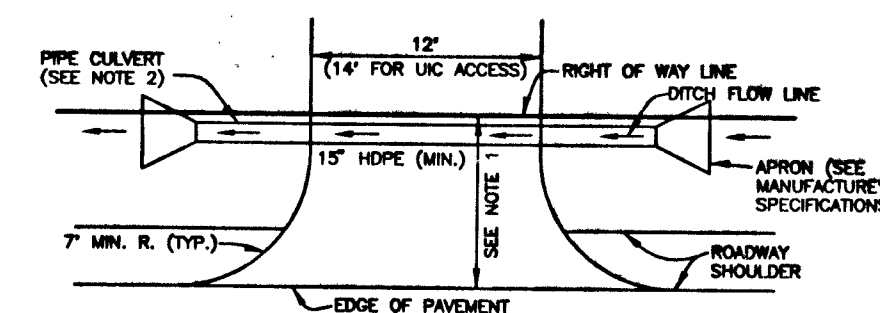


FULL DEPTH BIT. CONC. ALTERNATIVE

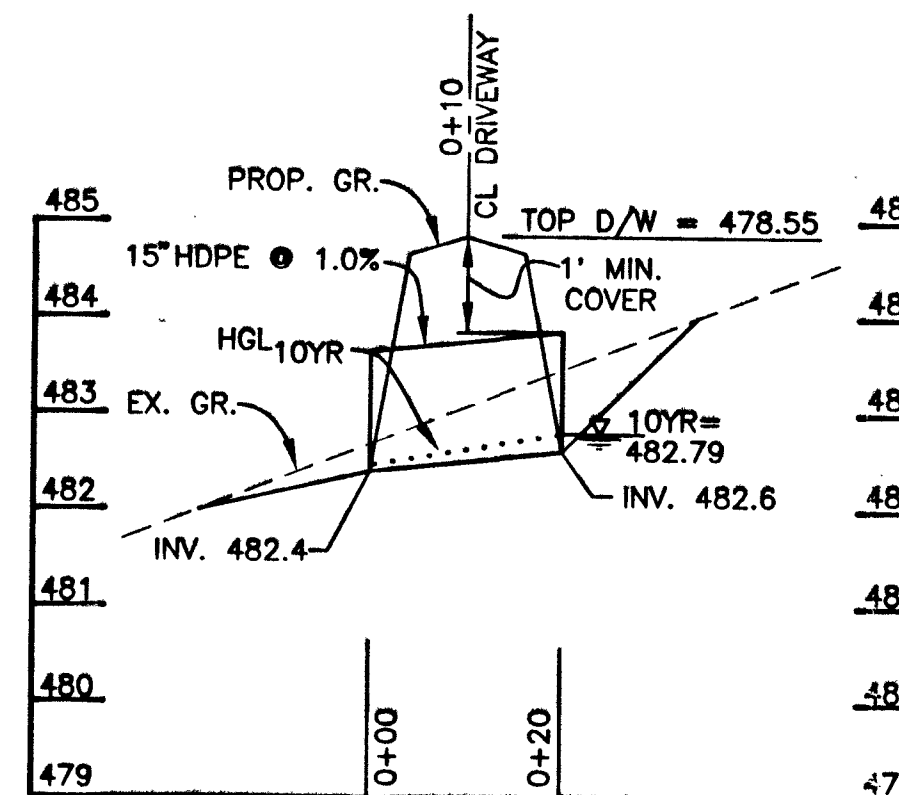
P-1 PAVING DETAIL NOT TO SCALE

DRIVEWAY CULVERT NOTES:

1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON MD.CO.STD. R-2.01 OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
3. ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HDPE OR GREATER TO PREVENT BLOCKING. HDPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWN.
4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
5. TIE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.
6. SEE HOWARD COUNTY STANDARD DETAIL R-6.08 FOR ADDITIONAL INFORMATION.



DRIVEWAY CULVERT NOT TO SCALE

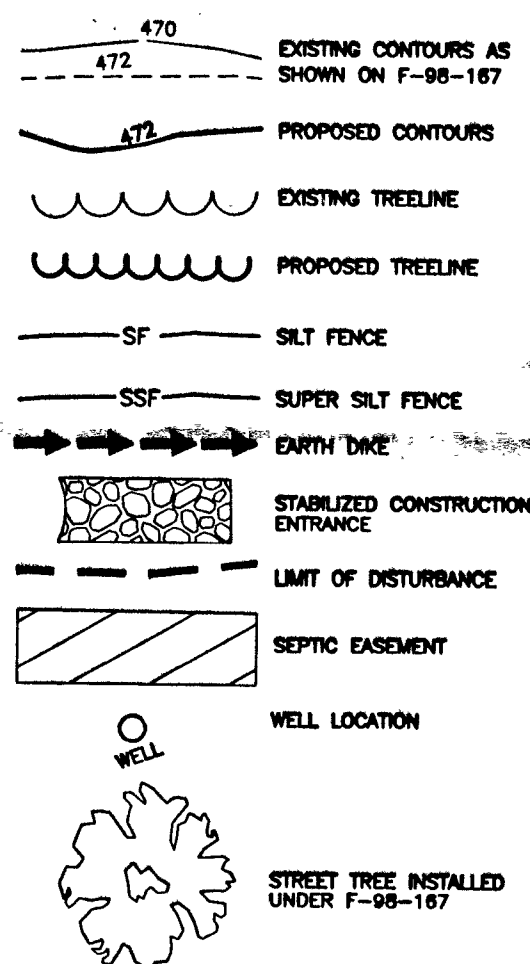


LOT 24 CULVERT PROFILE
SCALE: 1"=20' HOR., 1"=2' VERT.

SEPTIC INFORMATION CHART

INV. OUT OF HOUSE	479.7
INV. IN TANK	478.9
INV. OUT TANK	478.6
TOP OF TANK	479.9
GROUND OVER TANK	481.5
INV. IN DIST. BOX	478.0
GROUND OVER BOX	480.0

LEGEND



PLAN

SCALE: 1" = 30'

BENCHMARK

ENGINEERS • LAND SURVEYORS • PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-485-6105 FAX: 410-485-6844

BUILDER: TOLL BROTHERS, INC.
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

PROJECT: HIGH FOREST ESTATES
LOT 24

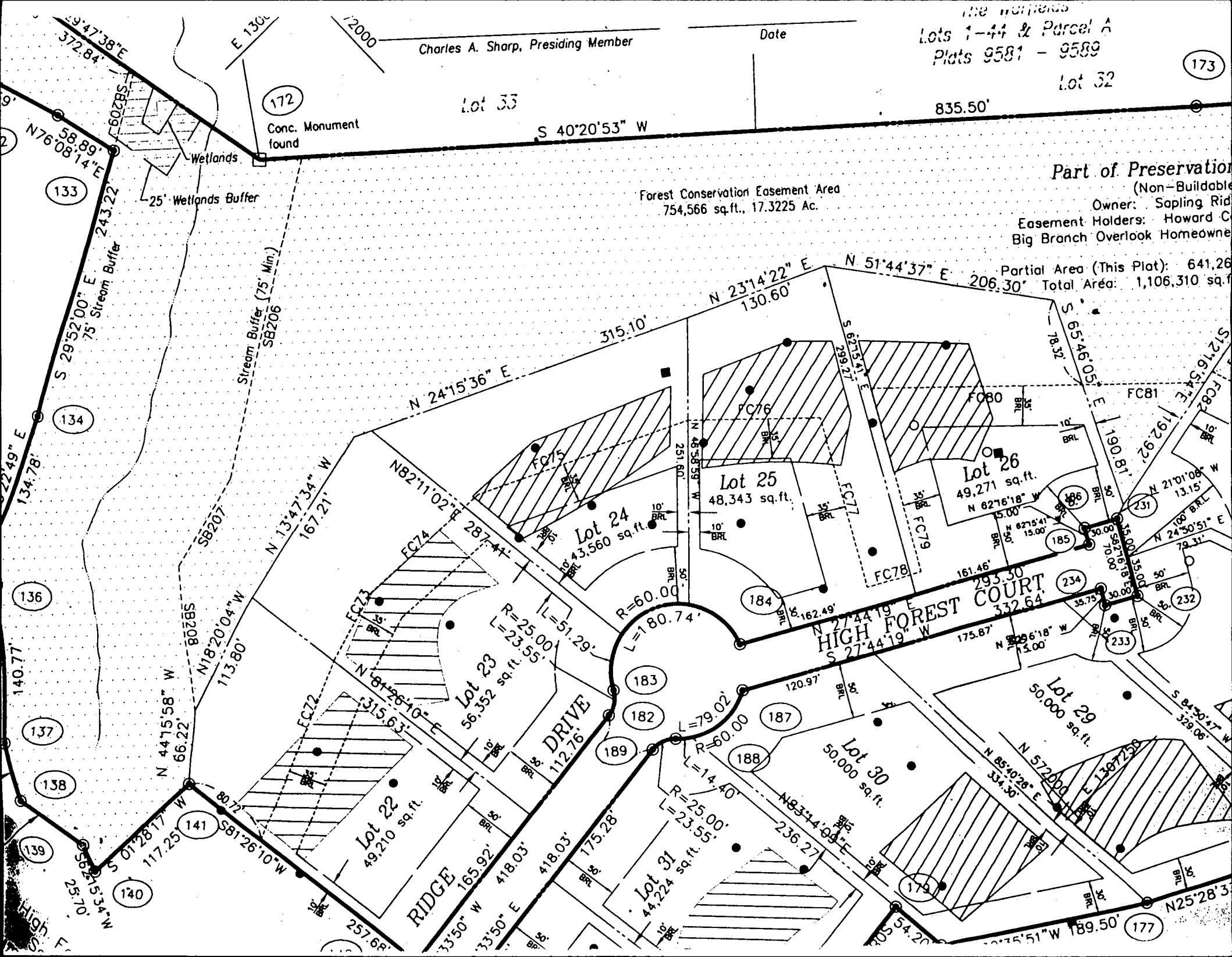
LOCATION: 15181 SAPLING RIDGE DRIVE
TAX MAP 27, GRID 6 - PARCEL 140,141,142
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: PLOT PLAN

HOUSE TYPE: COLUMBIA

DATE: MAY 21, 2003 PROJECT NO. 1362

SCALE: AS SHOWN DRAWING 1 OF 1



NO OBJ. TO

ADJUSTED SDA

EXISTING FOREST
CONSERVATION EASEMENT

MR 9/5/02

LOT 24
43,560 S.F.

TRENCHES

SEWAGE DISCH.
11 301 S.F.

COLUMBIA
FE=488.99
BF=480.20

GARAGE

CONSERVATORY

DANGER

SAPLING RIDGE
COURT

G RIDGE
COURT

28+80.92

RETREAT

BF=470.35
BF=470.35
50' BRL

