U.S. EQUIVALENT COORDINATE TABLE					
POINT	NORTHING	EASTING			
900	588,872.01	1,321,476.89			
901	588,222.83	1,321,682.01			
904	587,295.32	1,321,965.15			
905	586,958.50	1,321,277.82			
906	587,229.63	1,321,201.44			
909	588,836.56	1,320,746.08			
910	588,870.81	1,321,214.85			

	TRIC EQU ORDINATE	
POINT	NORTHING	EASTING
900	179,488.548	402,786.961
901	179,290.677	402,849.483
904	179,007.971	402,935.783
905	178,905.307	402,730.38
906	178,987.948	402,703.004
909	179,477.744	402,564.210
910	179,488.182	402,707.092
L		

ROSTE 32

PROPERTY OF WILLIAM UNVERZAGT

3 17'52'07" E

Sheet

LOT 2

KINGS GRANT

PLAT # 8231-32

8528-2

L.223/F.169

LOT II

LOT 3

MINIM	1UM LOT	SIZE C	HART
LOT NUMBER	GROSS AREA (sf)	PIPESTEM AREA (sf)	MINIMUM LOT SIZE
2	49,371.61±	3,299.20±	46,072.41±
7	48,836.55±	1,635.58±	47,200.97±
8	48,304.03±	527.97±	47,776.06±

ROSEMARY ESTATES

LOT 8

Sheet!3 of 5

BUILDABLE PRESERVATION PARCEL 'A' (PRIVATELY

OWNED AND MAINTAINED)

KINGS GRANT

PLAT # 8231-32,

8528-29

LOT 9

LOT 10

See iSheet 4

LOT 4

15'49'16' W

KINGS GRANT

PLAT # 8231-32,

8528-29

LOT 2

LOT 5

L.3106/F.2

3 16'58'32" E

LOT 7

LOCATION MAP

4/8/03

4/8/03

670.21

KINGS GRANT

PLAT # 8231-32,

8528-29 LOT 4 = 1,321,000

Reservation Of Public Utility And Forest Coservation Easements

*Developer reserves unto itself, its successors and assigns, all easements shown on this plan for water, sewer, storm drainage, other public utilities and forest conservation (designated as "Forest Conservation Area") located in, on, over, and through lots 1-11 and Buildable Pres. Parcel A and Non-Buildable Pres. Parcel B, any conveyances of the aforesaid lots shall be subject to easements herein reserved, whether or not expressly stated in deed(s) conveying said lot(s). Developer shall execute and deliver deeds for easements herein reserved to Howard County, with a Metes and Bounds Description of forest conservation area. Upon completion of the public utilities and their acceptance by Howard County, and, in the case of the forest conservation easement(s), upon completion of the Developer's obligation under the Forest Conservation Installation and Maintenance Agreement executed by Developer and the county, and the release of Developer's surety posted with said agreement, the county shall accept the easements and record the deed(s) of easement in the land records of Howard County.

ROSEMARY

ESTATES

P. 299 LOT 15-A

KINGSTON

SECTION 3

LOT 8

PLAT # 3493,0)

KINGSTON

SECTION 3

PLAT # 3493

LOT 7

EAGLES LOFT

PLAT # 2366 P. 205 LOT 1

EAGLES LOFT

PLAT # 3370

ROSEMARY ESTATES

L.1681/F.31

P. 297

LOT 13

ROSEMARY ESTATES

L.1197/F.202

LOT 14

N 15'44'02" W 281.68

PADDOCKS EAST

F-03-112

969.76

PROPERTY OF CLIFTON E. & BETTY K HARRISON

P.17 RR-DEO 1,330,456 SQ. FT. OR 30.543 Ac.±

BUILDABLE PRESERVATION PARCEL 'A' (PRIVATELY OWNED AND MAINTAINED)

See Sheet 5 of 5

OWNER

Twin Pines, LLC

P.O. Box 287 West Friendship, Maryland 21794

DEVELOPER

Heritage Land Development 3060 Washington Road, Suite 220

Glenwood, Maryland 21738
Tel: (410)489-7900 Fax: (410)489-4754

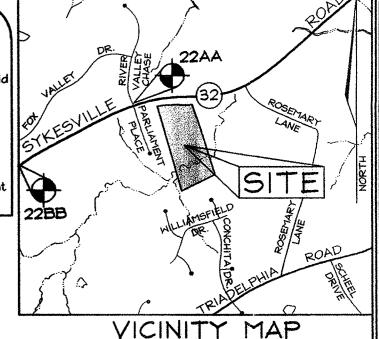
FSH Associates

Engineers Planners Surveyors

8318 Forrest Street Ellicott City, MD 21043

Tel:410-750-2251 Fax: 410-750-7350

E-mail: FSHAssociates@cs.com



SCALE:1=20001

General Notes continued.

17. — н — н — Denotes Wetland Area outline. Denotes existing Stream.

Denotes Wetland Buffer outline Denotes Stream Buffer outline.

Denotes iron pipe found. 21. 22. 23. Denotes rebar and cap set Denotes concrete monument found

Denotes concrete monument set. 25. There are no burial grounds on-site.

26. Landscaping for Lots 1 thru 11 is provided in accordance with a certified Landscape Plan included with the Road Construction Plan set in accordance with Section 16.124 of the Howard County Subdivision Regulations and the Landscape Manual.

27. Articles of Incorporation for the Homeowners Association were accepted by the State Department of Assesment and Taxation on 1-7-2003, Incorporation number D07166887

28. Buildable Preservation Parcel 'A' is privately owned and maintained by Twin Pines LLC with the easement holders being H.O.A and Howard County.

29. Non-Buildable Preservation Parcel 'B' is H.O.A. owned and maintained with the easement holder being Howard County.

30. The 65 dBA noise contour line drawn on this subdivision plan is advisory as required by the Howard County Design Manual, Chapter 5, revised February, 1992 and cannot be considered to exactly locate the 65 dBA noise exposure. The 65 dBA noise line was established by Howard County to alert developers, builders and future residents that areas beyond this threshold may exceed generally accepted noise levels established by the U.S. Department of Housing and Urban Development.

31. Non-Buildable Preservation Parcel 'B' is hereby dedicated to a property owner association for the residents of this subdivision and recording references of the articles of incorporation and restrictions are shown hereon.

32. Using the Density Exchange Option described in Section 106 of the Zoning Regulations, the development rights of 5 of the 12 residentional lots included on this subdivision plat have been transfered from: "Plat of Easemant - Clements Property" Tax Map #6, Grid #2, Parcel #106 Howard County File # F-02-48

The creation of these lots is based on a maximum density of one residential unit for every 2.0 Net Acres (see table below) 33. Ground water appropriation permit #HO2002G002(01)

DENSITY E	XCHANGE TABLE	
Receiving Parcel Information	Twin Pines Tax Map 22, Grids 3 and 8 Parcel 17	
Total Area of Subdivision	30.543 acres±	
Allowed Density Units	30.543Ac.@ld.u./4.25acres= 7d.u.	
Maximum Density Units	25.533Ac.@ld.u./2.0acres= 12d.u.	
Proposed Density Units	12	
Number of DEO Units required	5	
Sending Parcel Information	5 DEO units from: Plat of Easement Clements Property Tax Map 6, Grid 2 Parcel 106	

AREA TABULATION CHART

Total number of Buildable Lots to be recorded: II

Total area of Buildable Lots to be recorded: 11.384 Acrest 2. Total number of Buildable Preservation Parcels to be recorded: I

Total area of Buildable Preservation Parcels to be recorded: 13.972 Acrest

Total number of Non-Buildable Preservation Parcels to be recorded: I Total area of Non-Buildable Preservation Parcels to be recorded: 2.500 Acrest

5-13-03

4. Total area of proposed public R/W to be recorded: 2.687 Acres± 5. Total area of subdivision to be recorded: 30.543 Acres±

APPROVED: Howard County Department of Planning and Zoning

ment Engineering Division MAJ

APPROVED: For Private Water and Private Sewerage Systems Howard County Health Department OWNER'S CERTIFICATE

We, Twin Pines LLC, 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 Department 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 road and street Rights-of-Way and the specific easement areas shown hereon; (2) The right to require dedication for Public use the hede of the streets and on state and other services are consideration and other services. the beds of the streets and/or roads and Floodplains and Open Space where applicable and for good and other valuable consideration hereby grant the right and option to Howard County to aquire 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 erected on or over said Easements and Rights-of-Way. Witness my hand this 8th day of APRIL

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

Betty K. Harr

\$1,322,000/ N 588,791.578 E 1,320,292.220 El.: 538.976 (feet)

GENERAL NOTES

location (see vicinity map).

Sta. 22AA

Sta. 22BB

This area designates a private sewerage easement of at least 10,000 square feet (or 10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) 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. 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. The septic easement for Buildable Preservation Parcel 'A' (31,351 sf) is only suitable for a sand mound septic system. See the approved Perc. Certification Plan for more information. This plat is based on a field run Monumented Boundary Survey performed on or about

N 179,071.1931 E 401,696.1007 E1.: 173.6488 (meters)

N 179,464.0321 E 402,425.8735 El.: 164.2801 (meters)

N 587,502.739 E 1,317,897.957 El.: 569.713 (feet)

1. Subject property zoned RR-DEO per 10/18/93 Comprehensive Zoning Plan.

2. Coordinates based on NAD '83, Maryland Coordinate System as projected by Howard

County. Geodetic Control Stations no. 15CA and no. 15FA. • Denotes approximate

September 14, 2001 By C.B.Miller and Associates, Inc. All lot areas are more or less(+/-) . For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestern and road right-of-way line and not to the pipestern lot driveway.

6. Driveway(s) shall be provided prior to issuance of a use and occupancy permit to ensure safe access for fire and emergency vehicles per the following requirements: A) Width - 12 feet (14 feet serving more than one residence);

B) Surface - six (6") inches of compacted crusher run base with tar and chip coating (1-1/2' Minimum);

C) Geometry - Maximum 15% grade, Maximum 10% grade change and 45-foot turning radius;

D) Structures (culverts/bridges) - capable of supporting 25 gross tons (H25-loading);

E) Drainage elements - capable of safely passing 100 year flood with no more than I foot depth over surface;

F) Structure clearances - minimum 12 Feet;

G) Maintenances - sufficient to ensure all weather use

7. Distances shown are based on surface measurement and not reduced to NAD '83 grid measurement. Distances shown are more or less. 8. No clearing, grading or construction is permitted within wetland or stream system buffers unless approved by the Department Of Planning And Zoning.

9. The Floodplain Study for this project was prepared by FSH Assiciates in October, 2001 10. Open space tabulation:

A. Open space required: 30.543 Ac. x 5% = 1.527 Ac.

B. Open space provided: 2.500 Ac. (Non-Buidable Preservation Parcel 'B' will be owned and and maintained by the HOA and will contain the SMM Facility. This Non-Buildable Preservation Parcel will satisfy the open space requirements)

11. The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code and Forest Conservation Act. No clearing, grading or construction is permitted withing the Forest Conservation Easement; however, Forest Management Practices as defined in the Deed of Forest Conservation Easements are allowed

12. \$333333 Denotes Public Forest Conservation Easement. The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code and Forest Conservation Act.

13. This plat complies with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by retention of 5.079 acres of existing forest on Preservation Parcel A, retention of 0.041 acres of existing forest on Preservation Parcel B, and afforestation of 0.120 acres on Preservation Parcel B.

14. Denotes Wetland Areas. Wetland areas delineated by Exploration Research Inc. and approved under S-01-29 dated June 19, 2001.

15. This plat shall be subject to compliance with the Fourth edition of Howard County Subdivision and Land Development Regulations and the Amended Zoning Regulations per

16. The lots shown hereon shall comply with the minimum lot width and area required by the Maryland State Department of the Environment.

see this sheet for continuation...

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of all of the lands conveyed. By Clifton E. Harrison and Betty K. Harrison to Twin Pines, LLC by deed dated Mar. 18, 2003 and recorded in the land records of Howard County in liber 6972 folio 37, 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.



Recorded as Plat No. 15948 on Nay 27, 2003

Among the Land Records of Howard County, Maryland.

SUBDIVISION PLAT OF

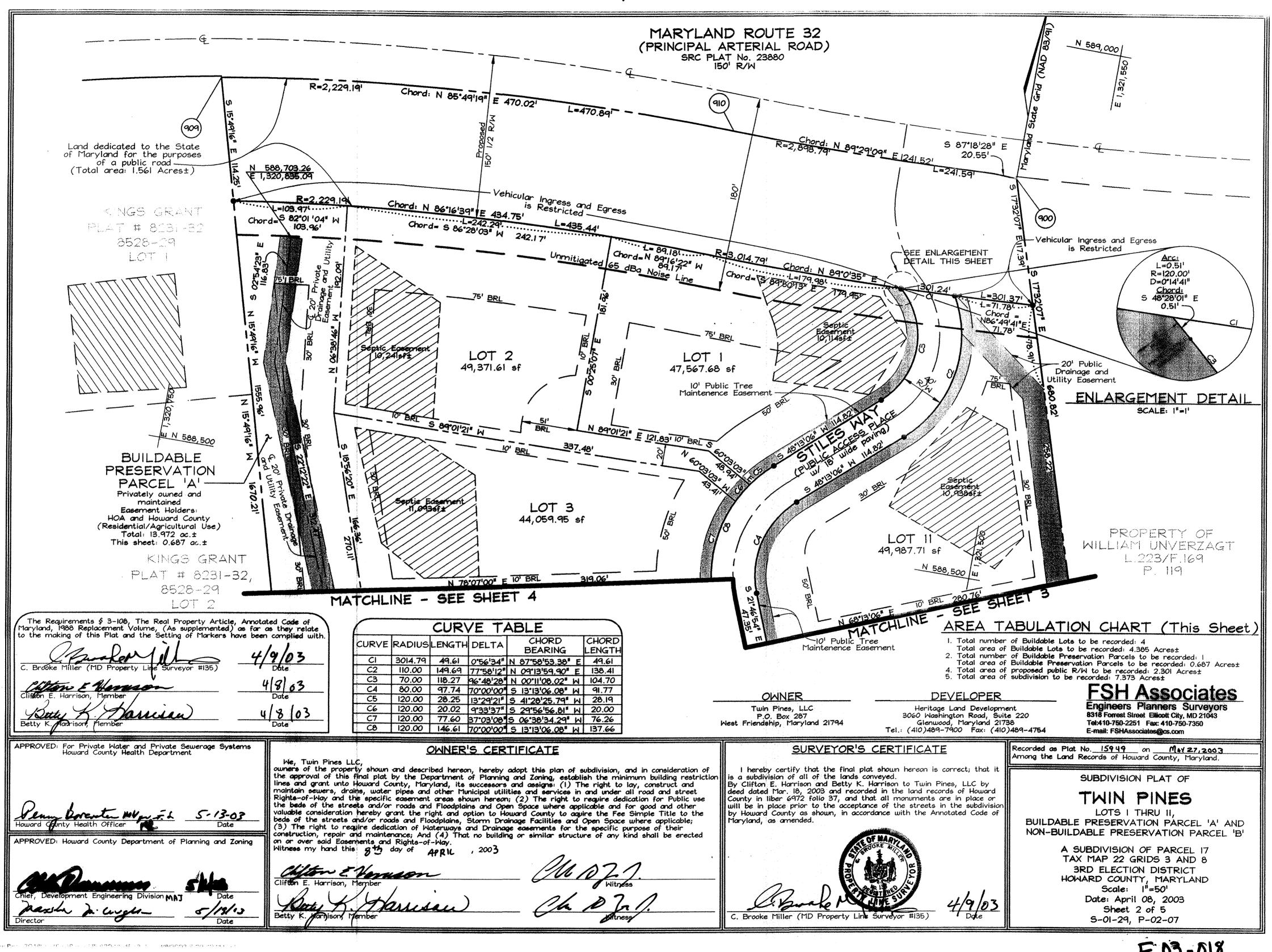
TWIN PINES

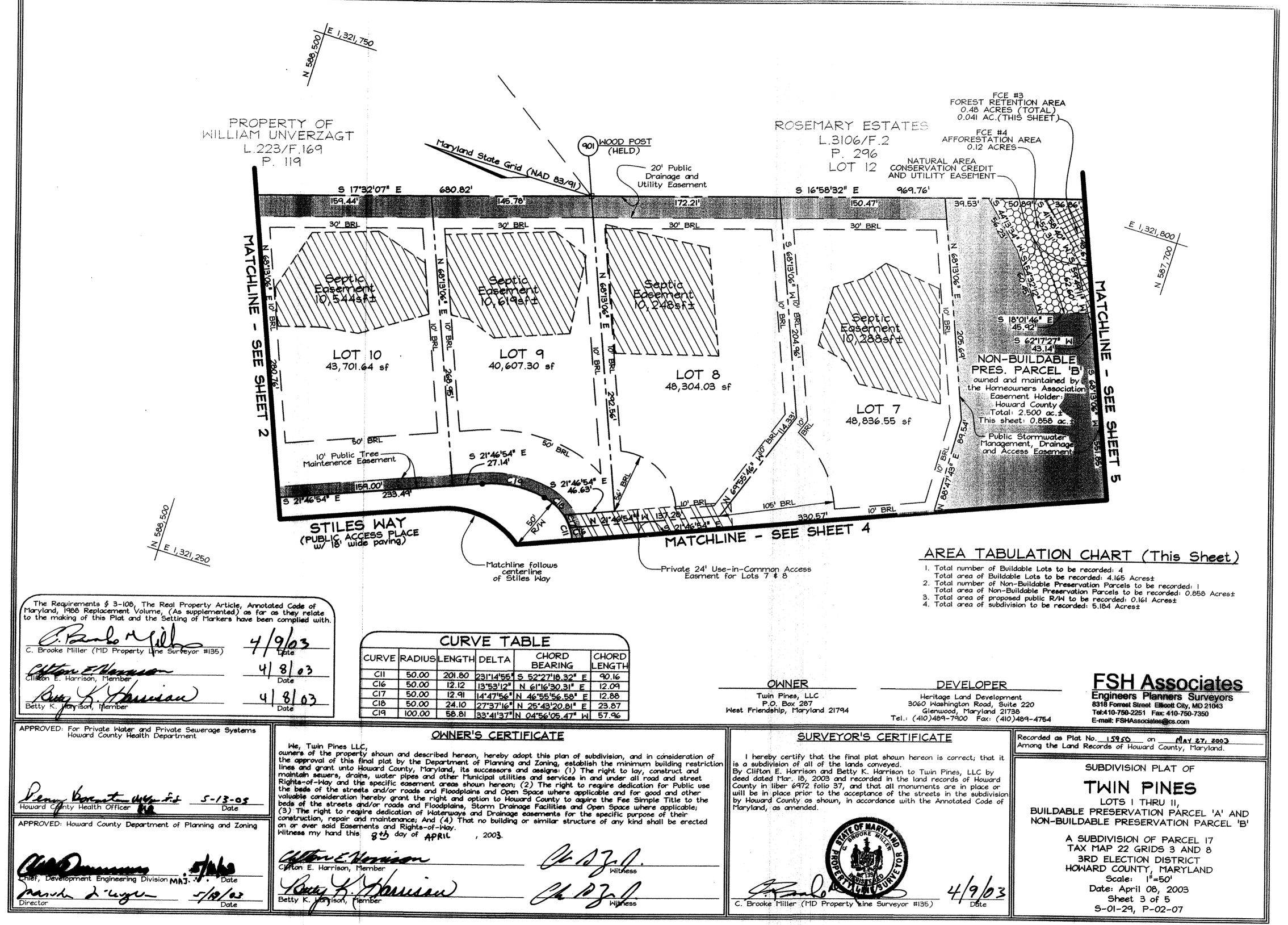
LOTS I THRU II, BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PRESERVATION PARCEL 'B'

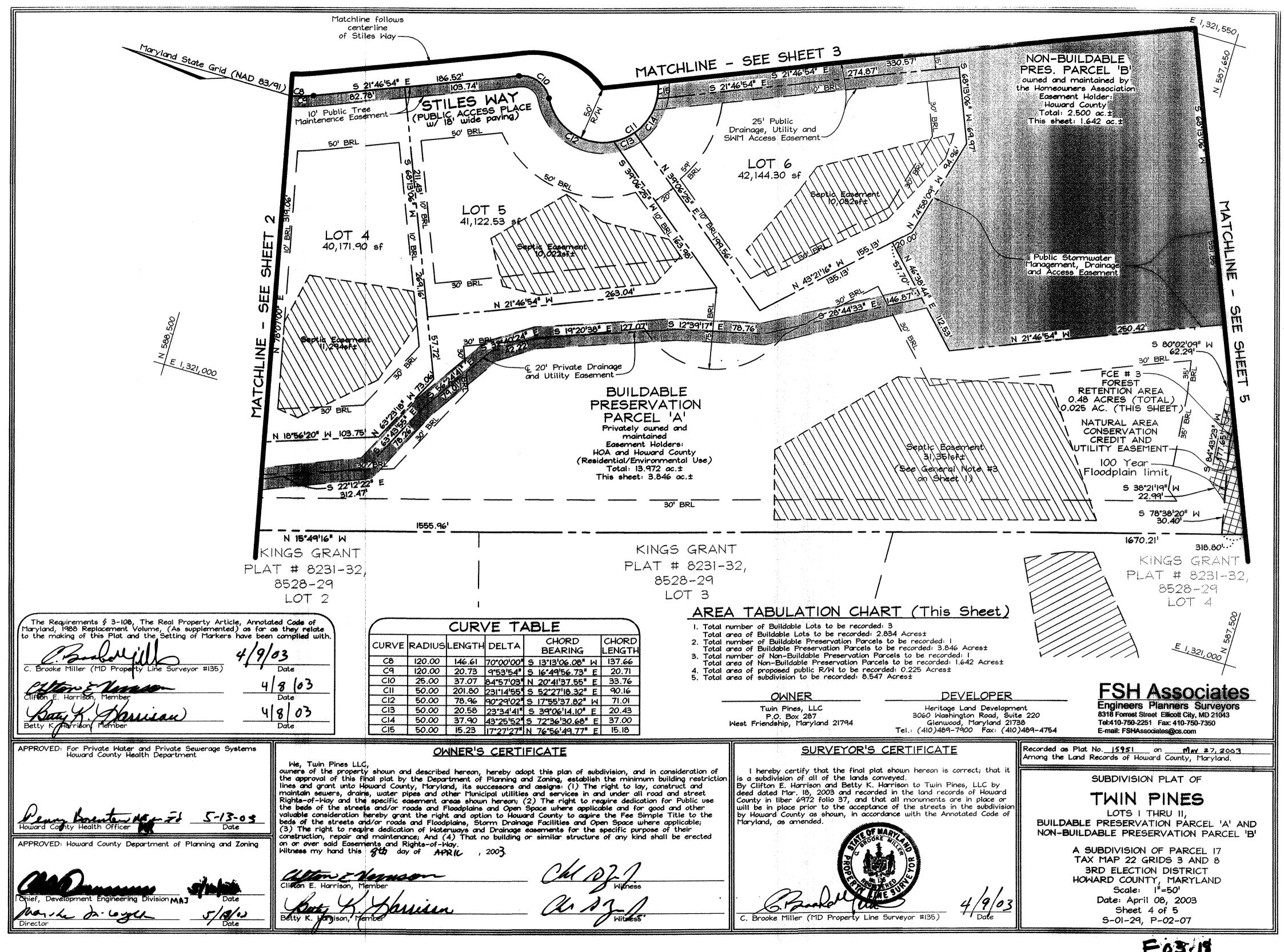
> A SUBDIVISION OF PARCEL 17 TAX MAP 22 GRIDS 3 AND 8 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND Scale: As Shown Date: April 08, 2003 Sheet | of 5

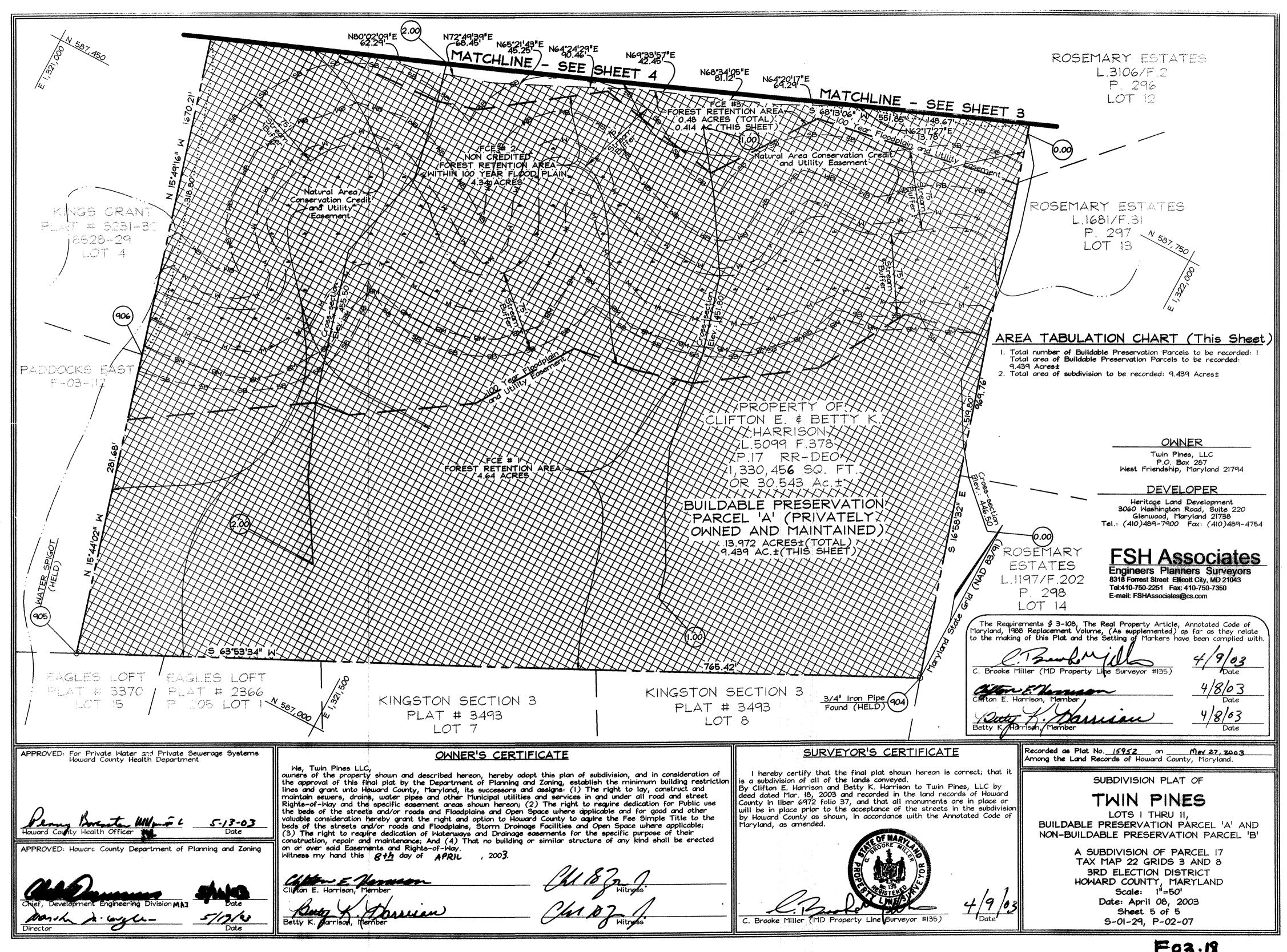
> > 5-01-29, P-02-07

F 03-018









F03.18