IRON PINS SHOWN THUS:

CONCRETE MONUMENTS SHOWN THUS: THIS PLAT AND THE COORDINATES SHOWN HEREON, ARE BASED UPON A FIELD RUN BOUNDARY SURVEYS PREPARED

BY GUTSCHICK, LITTLE & WEBER, P.A. IN SEPTEMBER 2009. THE SITE IS ZONED R-SA-8 PER ZONING CASE NO. ZB 1078M.

SEE DEPARTMENT OF PLANNING & ZONING FILE NUMBERS: SDP-07-60, SDP-10-60, ZB-1078M, WP-10-93

COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS No. 47EC - N 534,261.2310 E 1,359,948.0840 AND No. 47FB - N 534,295.4030 E 1,361,228.6200.

AREAS SHOWN ARE TO BE TAKEN AS MORE OR LESS.

PUBLIC WATER AND SEWER ALLOCATION FOR THIS DEVELOPMENT IS SUBJECT TO SECTION 18.1228 OF THE HOWARD COUNTY CODE. ALLOCATION WILL BE MADE AT THE TIME OF FINAL PLAT APPROVAL, IF CAPACITY IS AVAILABLE AT THAT TIME, PUBLIC SEWER SERVICE AND PUBLIC WATER SERVICE HAS BEEN GRANTED UNDER THE TERMS AND PROVISIONS THEREOF EFFECTIVE NOVEMBER 24, 2010, ON WHICH DATE DEVELOPER'S AGREEMENT No 24-4657-D WAS

THE FLOODPLAIN STUDY WAS PREPARED BY DALE THOMPSON BUILDERS, INC. ON MARCH 3, 2007 FOR RIVERNEWS (SDP-07-60).

RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION 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/PARCELS, ANY CONVEYANCES OF THE AFORESAID LOTS/PARCELS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN DEED(S) CONVEYING SAID LOT(S)/ PARCELS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY WITH METES AND BOUNDS DESCRIPTION OF THE 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 OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE agreement executed by the 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.

11. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW STRUCTURES IS PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS, OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT 'AREAS AND FLOODPLAINS.

12. THE FOREST CONSERVATION REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL HAVE BEEN SATISFIED WITH A COMBINATION OF ON SITE FOREST CONSERVATION AND A FEE-IN-LIEU PAYMENT PER SDP-10-60. A TOTAL OF 1.42 ACRES OF ON-SITE FOREST CONSERVATION EASEMENTS FOR 0.65 AC. OF CREDITED FOREST RETENTION, 0.05 AC. OF NON-CREDITED FOREST RETENTION AND 0.72 ACRES OF REFORESTATION HAVE BEEN PROVIDED. THE REMAINDER OF THE FOREST CONSERVATION OBLIGATION FOR THIS SITE WHICH IS 1.13 AC/ 49.223 SQ. FT. OF AFFORESTATION; HAS BEEN MET BY THE PAYMENT OF \$36,917.10 (49,223 SQ. FT. X \$0.75 = \$36.917.10) TO THE HO. CO. FOREST CONSERVATION FUND. A FOREST CONSERVATION SURETY IN THE AMOUNT OF \$21,344.30 HAS BEEN POSTED WITH THE DEVELOPER'S AGREEMENT ASSOCIATED WITH SDP-10-60. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED. SEE SDP-10-060 FOR THE APPROVED FOREST CONSERVATION PLAN.

13. DRIVEWAYS SHALL BE CONSTRUCTED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:

a) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).

b) surface - 6 inches of compacted crusher run base with tar and chip coating (1½" min.).

c) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 45' TURNING RADIUS. d) STRUCTURES (CULVERT/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TON (H25 LOADING).

e) drainage elements - capable of safely passing 100-year flood with no more than I foot depth OVER DRIVEWAY SURFACE.

1) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.

14. THE ARTICLES OF INCORPORATION FOR THE RIVERWALK HOMEOWNERS ASSOCIATION WAS FILED WITH THE MARYLAND STATE DEPARTMENT OF ASSESSMENTS AND TAXATION ON 11/22/10, ID. No. D13862123.

15. THE DECLARATION OF COVENANTS, CONDITIONS, EASEMENTS AND RESTRICTIONS FOR RIVERWALK HOMEOWNERS ASSOCIATION HAS BEEN RECORDED CONCURRENT WITH THIS PLAT IN THE LAND RECORDS OF HOWARD COUNTY,

16. SEE SDP-10-60 FOR THE APPROVED LANDSCAPE AND FOREST CONSERVATION PLANS FOR THIS SITE. THE REQUIRED LANDSCAPE AND FOREST SURETIES WERE POSTED AS PART OF DEVELOPER'S AGREEMENTS FOR SDP-10-60.

17. ALL ROADS AND ALLEYS IN THIS DEVELOPMENT ARE PRIVATELY OWNED AND TO BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION, ALL OF THE PRIVATE EASEMENTS SHOWN ON THESE PLATS TO BE MAINTAINED BY THE HOMEOWNERS

18. STORMWATER MANAGEMENT IS PROVIDED ON-SITE BY A VARIETY OF NONSTRUCTURAL AND MICRO SCALE PRACTICES. SEE SDP-10-60 FOR ALL STORMWATER MANAGEMENT INFORMATION.

GENERAL NOTES CONTINUED

A) 16.120(c)(4), TO NOT BE REQUIRED TO PROVIDE ANY OF THE REQUIRED MINIMUM "SINGLE FAMILY ATTACHED" LOT FRONTAGE OF 15 FEET ON AN APPROVED STREET AND, BE PERMITTED TO HAVE THE "SINGLE FAMILY

ATTACHED" LOTS FRONT ON A PRIVATE ROAD EXCEEDING 200 FEET IN LENGTH, AND; B) 16.121.(a)(4)(vi), TO HAVE THE REQUIRED MINIMUM OF 400 SQ. FT. OF RECREATIONAL OPEN SPACE PER SFA Unit reduced to 169.88 sq. feet per SFA unit based on proposed onsite improved open space AMENITIES AREAS (FORMAL GARDEN WITH SEATING AREA AND PAVED WALKWAYS, A TOT LOT AREA AND A PAVED PATHWAY SURROUNDING THE TOT LOT THAT LEADS TO THE ADJACENT HO. CO. SAVAGE PARK) AS SHOWN ON THE WAIVER PETITION EXHIBIT/PLAN SUBMITTED ON APRIL 4, 2010, AND;

C) 16.1205(a), To be permitted to remove three trees (red maple with a DBH [Diameter at Breast HEIGHT] OF 41", RE MAPLE WITH A DBH OF 42", TULIP POPLAR WITH A DBH OF 35.5") HAVING A DBH EXCEEDING 30".

D) 16.134(a)(1), TO NOT BE REQUIRED TO PROVIDE SIDEWALKS ALONG BOTH SIDES OF ALL STREETS IN THE

E) 16.144(b) AND (g), TO NOT BE REQUIRED TO SUBMIT SKETCH AND PRELIMINARY PLANS FOR THE CREATION OF THE FEE SIMPLE LOTS FOR SFA UNITS.

WAS APPROVED ON MAY 6, 2010. SUBJECT TO THE FOLLOWING CONDITIONS:

19. WP-10-93. WAIVER REQUEST FROM SUBDIVISION SECTIONS:

A) THE SUBMITTED PLAT AND SITE DEVELOPMENT PLAN FOR THIS DEVELOPMENT (F-10-70 & SDP-10-60) SHALL BE REVISED ACCORDINGLY.

B) ALL OF THE RESIDENTIAL LOTS SHALL FRONT ON AND OBTAIN ACCESS FROM THE PROPOSED, PRIVATE ROADS WITHIN THE PROJECT AREA.

C) THE PROPOSED, PRIVATE ROADS WITHIN THE PROJECT AREA SHALL BE LOCATED ON THE PROPERTY(IES)

OWNED BY A HOMEOWNERS ASSOCIATION (HOA) AND BE MAINTAINED BY THE SAME HOA. D) THE PROPOSED, PRIVATE ROADS WITHIN THE PROJECT AREA SHALL BE DESIGNED AND CONSTRUCTED IN

ACCORDANCE WITH THE REQUIREMENTS OF THE DED AND DFRS. E) A GENERAL NOTE SHALL BE ADDED TO SHEET 1 THAT CLEARLY STATES THAT ALL ROADS AND ALLEYS IN

THIS DEVELOPMENT ARE PRIVATELY OWNED AND TO BE MAINTAINED BY THE HOA.

F) THE PROPOSED PATHWAY FROM THE INTERNAL PRIVATE ROAD THAT SURROUNDS THE PROPOSED TOT LOT THAT LEADS TO SAVAGE PARK SHALL BE PAVED.

G) THE THIRD PARAGRAPH FOUND UNDER "SECTION 10.2. COMMON AREA MAINTENANCE" OF THE SUPPLEMENTAL INFORMATION SUBMITTED WITH THE PETITIONER'S JUSTIFICATION SHALL BE ADDED TO THE HOA DOCUMENT(S) FOR THIS DEVELOPMENT.

20. Trash and recycling collections will be provided privately by the homeowners association.

	PUBLIC FOREST CONSERVATION EASEMENT AREA # 1 CURVE TABULATION					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
FC1	75.00'	14.35'	7.20'	14.33'	S 66°46'20" W	10'57'42"
FC2	75.00'	54.63	28.59'	<i>53.43</i> °	N 86'52'43" W	41°44'12"
FC3	75.00'	24.13'	12.17	24.03'	S 63'38'13" W	18'26'03"
FC4	75.00'	<i>59.75</i> ′	31.56'	58.18'	S 4971'51" W	45*38'46"
FC5	53.67	56.74'	31.34	<i>54.13</i> ′	S 20'04'16" E	60'34'19"
FC6	43.67'	19.40'	9.86'	19.24	S 63'04'56" E	25'27'02"
FC7	823.00'	44.13'	22.07	44.13'	S 8773'26" W	3°04'21"

COC	RDINATE	TABLE
POINT	NORTHING	EASTING
1001	534209.05	1359083.16
1003	534207.45	1359160.73
1004	<i>534178.97</i>	1359568.21
1006	<i>534176.87</i>	1359643.89
1007	534191.86	1359643.40
1008	534193.33	1359683.62
1009	534695.49	1359038.39
1010	534242.04	1359043.91
1011	534242.37	1359163.18
1012	<i>534213.89</i>	1359570.65
1013	<i>534213.17</i>	1359680.37
1702	534284.11	1359668.76
1703	<i>534582.67</i>	1359630.51
1705	534580.52	1359658.99
1719	534430.96	1358819.21

	LIC FOREST CONSER	
LINE	BEARING	LENGTH
F1	N 49°56'41" W	293.57'
F2	N 39'38'35" E	343.54
F3	S 7972'45" E	280.99'
F4	S 10°47′15" W	6.93'
F5	S 11'34'10" E	37.70'
F6	S 79°09'07" E	14.28'
F7	S 1047'15" W	<i>38.39</i> ′
F8	N 79°09'07" W	172.17'
F9	N 15'53'04" W	16.22'
F10	S 7275'11" W	19.37'
F11	S 72'01'14" W	18.90'
F12	S 8172'07" W	14.24'
F13	S 25'46'04" E	11.96'
F14	S 5075'48" E	28.18'
F15	S 39'38'35" W	102.14
F16	S 50"21"25" E	93.26'
F17	S 50°21'25" E	<i>56.38</i> ′
F18	S 06"26"26" E	35.00'

R w	PARAS
BALTIMORE ST.  93 WASHINGTON ST.	
SOME ESSE A CORNAN A RO. HC STA	STEEL
CT. S EREMORE CT. 47FB di ST.	
	-11-
ADC MAP: 5053 GRID: G9	<b>)</b>

*VICINITY* MAP SCALE: 1"=2000'

THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 2003 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS, HAVE BEEN COMPLIED WITH.

Dandelleher OBMAYZOII DAVID S. WEBER PROFESSIONAL LAND SURVEYOR

MD. REG. NO. 10852

Kenneth G. Malm, President CRAFTSTAR HOMES INC., MANAGER

> OWNER CS RIVERWALK LLC

FLOODPLAIN EASEMENT FOREST CONSERVATION EASEMENT

Stream Buffer

CENTERLINE STREAM

S.S.L.

CL

LEGEND:

STRUCTURE SETBACK LINE

CENTERLINE

c/o CRAFTSTAR HOMES, INC. 6820 ELM STREET, SUITE 200 McLEAN, VA. 22101

## OPEN SPACE DEDICATION

OPEN SPACE LOT 60 SHOWN HEREON IS HEREBY DEDICATED TO A PROPERTY OWNERS ASSOCIATION FOR THE RESIDENTS OF THIS SUBDIVISION AND THE RECORDING REFERENCES OF THE ARTICLES OF INCORPORATION AND RESTRICTIONS ARE NOTED IN GENERAL NOTE 14 HEREON.

FOREST CONSERVATION EASEMENT (FCE) AREA	1	TOTAL
PARCEL WHERE FCE IS LOCATED	LOTS 59 & 60	
CREDITED FOREST RETENTION AREA ON NET TRACT (IN AC.)	0.65	0.65
NON-CREDITED FOREST RETENTION WITHIN FLOODPLAIN (IN AC.)	0.05	0.05
FOREST PLANTING AREA (IN AC.)	0.72	0.72
NATURAL REGENERATION AREA (IN AC.)	N/A	N/A
MINIMUM TOTAL AREA IN CONSERVATION EASEMENT (IN AC.)	1.42	1.42*

\* A FEE-IN-LIEU OF \$36,917.10 WAS MADE TO THE HO. CO. FOREST CONSERVATION FUND UNDER SDP-10-60 FOR THE 1.13 AC. OF OUTSTANDING AFFORESTATION OBLIGATION.

THE PURPOSE OF THIS RESUBDIVISION PLAT IS TO RESUBDIVIDE EXSITING BULK PARCEL 'A', RIVERWALK INTO 58 NEW BUILDING LOTS AND TWO NEW OPEN SPACE LOTS TO CREATE NEW LOTS 1-58 AND NEW OPEN SPACE LOTS 59 AND 60. RIVERWALK. AND TO CREATE A PUBLIC ROAD RIGHT OF WAY WIDENING STRIP TO BE DEDICATED TO HOWARD COUNTY, A FOREST CONSERVATION EASEMENT, A PUBLIC WATER & UTILITY EASEMENT AND A PRIVATE VARIABLE WIDTH RIGHT OF WAY FOR THE USE OF OWNERS OF LOTS 1 THRU 58 ON SHEET 2 AND TO CREATE A PUBLIC WATER SEWER & UTILITY EASEMENT, A PUBLIC WATER & UTILITY EASEMENT, PUBLIC SEWER & UTILITY EASEMENTS, PUBLIC SIDEWALK & UTILITY EASEMENTS, PRIVATE STORM DRAIN EASEMENTS AND PRIVATE STORM DRAIN & LIGHT EASEMENTS ON SHEET 3.

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF

4.6184 AC.

0.4848 AC.

7.4776 AC.

CS RIVERWALK LLC. A VIRGINIA LIMITED LIABILITY COMPANY, BY KENNETH G. MALM, PRESIDENT, CRAFTSTAR HOMES INC., MANAGER, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS 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, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS, 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

MITNESS OUR HANDS THIS 2 DAY OF MAY, 2011

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A RESUBDIVISION OF ALL OF THE LAND CONVEYED BY ESC RIVERWALK LC. A MARYLAND LIMITED LIABILITY COMPANY TO CS RIVERWALK LLC, A VIRGINIA LIMITED LIABILITY COMPANY BY A DEED DATED MARCH 9, 2011 AND RECORDED IN LIBER 13120 AT FOLIO 290 AND ALSO BEING A RESUBDIVISION OF PARCEL 'A' AS SHOWN ON A PLAT OF SUBDIVISION ENTITLED "RIVERWALK, BULK PARCEL 'A" AND RECORDED AS PLAT NOS. 21300 & 21301: BOTH AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND; AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

DAVID S. WEBER

PROFESSIONAL LAND SURVEYOR MARYLAND REGISTRATION NO. 10852

RECORDED AS PLAT NUMBER 21625 ON (251), AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

## RIVERWALK LOTS 1 THRU 58, OPEN SPACE LOTS 59 AND 60

(A RESUBDIVISION OF BULK PARCEL 'A', RIVERWALK, PLAT NOS. 21300 & 21301)

**6TH ELECTION DISTRICT** SCALE: AS SHOWN

TM 47, GRID 16, PARCELS 492 & 743 HOWARD COUNTY, MARYLAND SHEET 1 OF 3 **MARCH 2011** 

GLW GUTSCHICK LITTLE &WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4188

CHECK BY: 704 DRAWN BY:

4. TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED: 5. TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED: 6. TOTAL AREA OF ROADWAYS TO BE RECORDED: 7. TOTAL AREA OF SUBDIVISION TO BE RECORDED: APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING

& ZONING

Tabulation of Final Plat — all sheet

1. TOTAL NUMBER OF LOTS AND PARCELS TO BE RECORDED:

WATER & SEWERAGE FOR HOWARD COUNTY, MD.

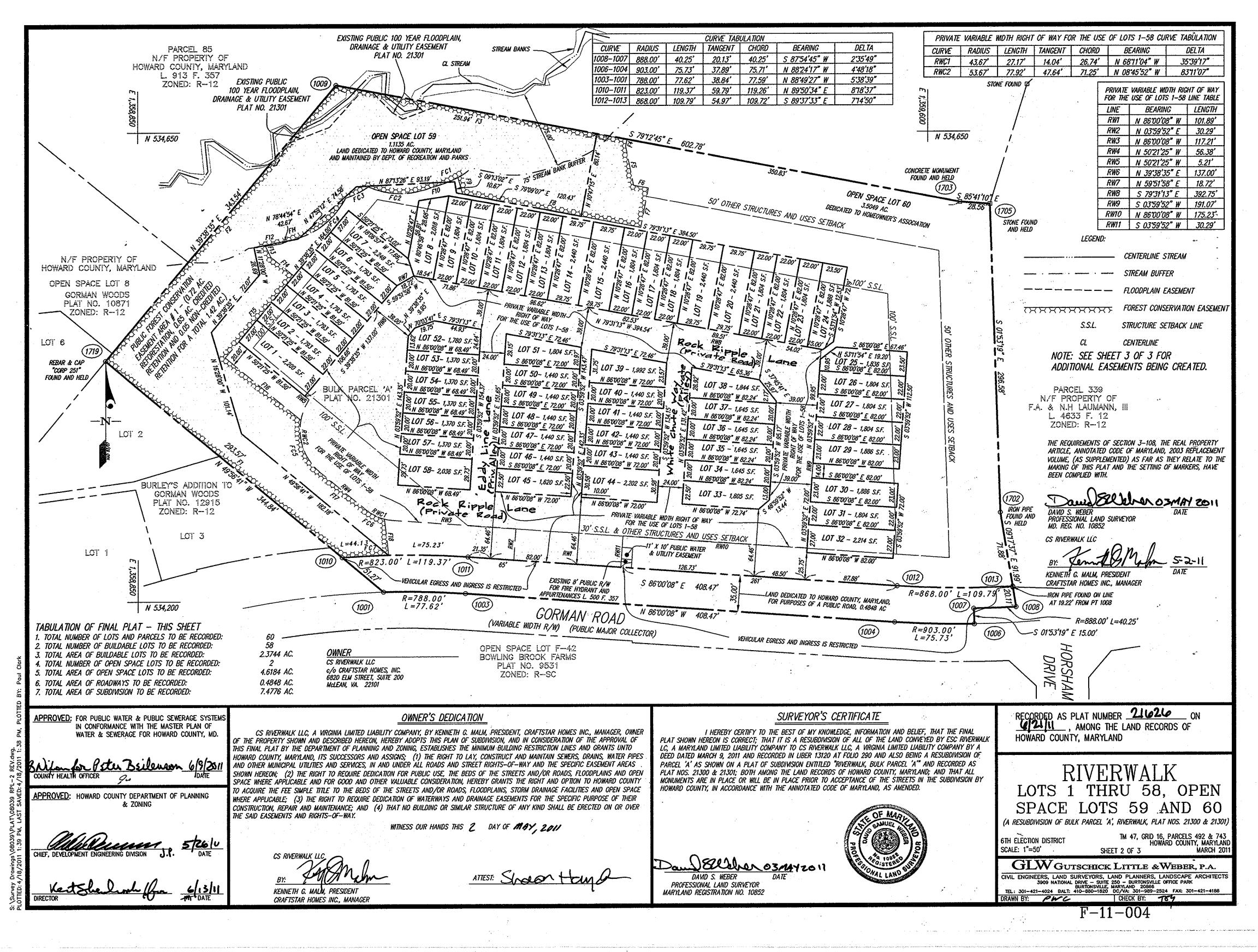
2. TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED:

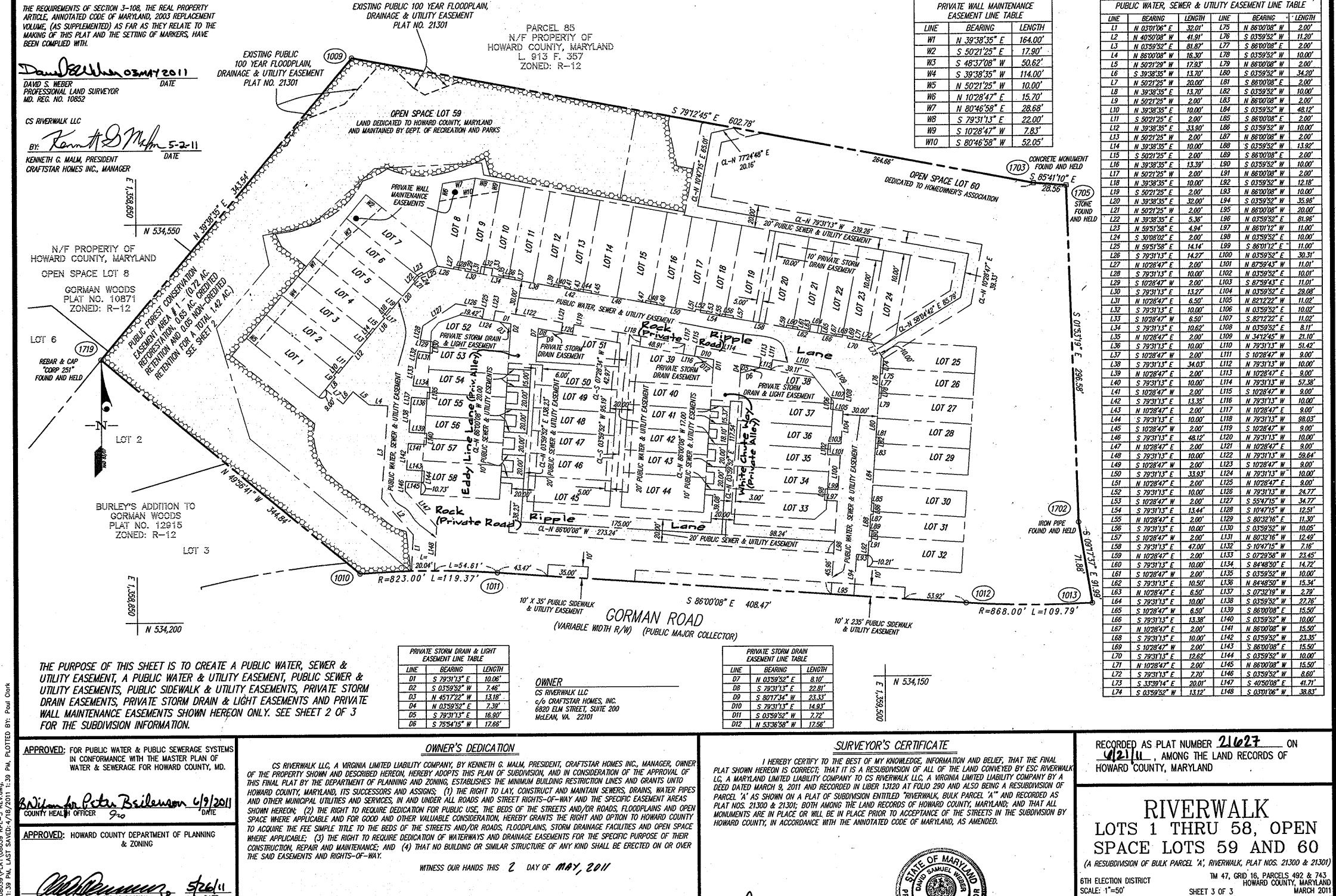
3. TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED:

OWNER'S DEDICATION

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.

CRAFTSTAR HOMES INC., MANAGER





Kenneth G. Malm. President

CRAFTSTAR HOMES INC., MANAGER

DAVID S. WEBER PROFESSIONAL LAND SURVEYOR MARYLAND REGISTRATION NO. 10852

GLW GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE, ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20888
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4188 CHECK BY: 704

F - 11 - 004

DRAWN BY: