. DENOTES 4" X 4" X 30" CONCRETE MONUMENT TO BE SET. • DENOTES 3/8" X 30" PIPE OR STEEL MARKER TO BE SET. O DENOTES IRON PIPE FOUND(IFD) OR REBAR & CAP(RCF) FOUND.

. COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM, NAD 83, AS PROJECTED BY HO. CO. GEODETIC CONTROL STATIONS #31E6 AND #31E7. DISTANCES SHOWN ARE BASED ON MARYLAND' STATE PLANE

3. ALL AREAS ON THIS PLAT ARE "MORE OR LESS".

. SUBJECT PROPERTY ZONED R-ED PER 02/02/2004 COMPREHENSIVE ZONING PLAN AND "COMP LITE" ZONING AMENOMENTS EFFECTIVE 7/28/06.

THIS SUBDIVISION IS SUBJECT TO SECTION 18.122.8 OF THE HOWARD COUNTY CODE. PUBLIC WATER AND PUBLIC SEWER SERVICE HAS BEEN GRANTED UNDER THE TERMS AND PROVISIONS, THEREOF, EFFECTIVE FEB 26,2013 ON WHICH DATE DEVELOPER AGREEMENT No. 14-4741-D WAS FILED AND ACCEPTED.

THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED MAY 5th, 2005, BY BENCHMARK ENGINEERING, INC.

THE A.P.F.O. TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE MARS GROUP, INC. DATED SEPTEMBER 2005 AND APPROVED AUGUST 2, 2007.

B. UNLESS OTHERWISE NOTED AS "PRIVATE", ALL EASEMENTS ARE "PUBLIC".

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 WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION

O.DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS: a) WIDTH - 12' (16' SERVING MORE THAN ONE RESIDENCE).

b) SURFACE - 6" OF COMPACT CRUSHER RUN BASE WITH 1-1/2" MIN. TAR AND CHIP COATING.

c) GEOMETRY -- MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 45' TURNING RADIUS.

d) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)

e) DRAINAGE ELEMENTS - CAPABLE OF SAFETY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.

f) STRUCTURE CLEARANCES - MINIMUM 12 FEET. g) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.

1. THE DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALI EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE AND OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOTS. ANY AND ALL CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER THE DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENTS IN THE LAND RECORDS OF HOWARD COUNTY.

2. STORMWATER MANAGEMENT SHALL BE PROVIDED FOR THIS PROJECT BASED ON GUIDELINES ESTABLISHED BY THE 2000 MARYLAND STORMWATER DESIGN MANUAL, 007 REGULATIONS, USING ENVIRONMENTAL SITE DESIGN METHODS. GRASS SWALES SHALL BE JOINTLY MAINTAINED BY HOWARD COUNTY AND THE LOT OWNERS. ON-LOT BIORETENTION FACILITIES SHALL BE OWNED AND MAINTAINED BY THE HOMEOWNER. OPEN SPACE BIORETENTION FACILITIES SHALL BE OWNED AND MAINTAINED BY THE HOME OWNER'S ASSOCIATION.

DENSITY TABULATION

NET AREA OF THE SITE .. .4.05± AC. TOTAL NUMBER OF BUILDABLE LOTS ALLOWED (2 D.U./AC.)....8 TOTAL NUMBER OF BUILDABLE LOTS PROPOSED .

AREA TABULATION CHART

a) TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED

NON-BUILDABLE PARCELS OPEN SPACE. PRESERVATION PARCELS b) TOTAL AREA OF LOTS AND/OR PARCELS 1.32 ac± 0.00 ac NON-BUILDABLE PARCELS 2.05 ac± OPEN SPACE PRESERVATION PARCELS

__ 0.68 ac±

OPEN SPACE TABULATION

c) TOTAL AREA OF ROADWAY TO BE RECORDED _____

TOTAL AREA OF SUBDIVISION TO BE RECORDED_

MINIMUM RESIDENTIAL LOT SIZE......OPEN SPACE REQUIRED (50% OF 4.05 Ac.) . 2.025 Ac.± AREA OF PROPOSED OPEN SPACE LOTS AREA OF PROPOSED NON-CREDITED O.S. LOTS 0.00 Ac.± AREA OF CREDITED OPEN SPACE PROVIDED 2.05 Ac.±

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS: HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

13. THERE ARE NO STEEP SLOPES (25% OR GREATER) ON THIS SITE.

14. OPEN SPACE LOTS 8 AND 9 SHOWN HEREON ARE HEREBY DEDICATED TO A HOME OWNERS ASSOCIATION FOR THE RESIDENTS OF THIS SUBDIVISION. THE RECORDING REFERENCES OF THE ARTICLES OF INCORPORATION TO ESTABLISH THE HOMEOWNERS ASSOCIATION AND TAXATION ON 11-16-2012 RECEIPT NO 1496 0.2072

15. THIS PLAT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY THE RETENTION OF 1.2 AC. OF FOREST WITHIN THE LIMITS OF A FOREST CONSERVATION EASEMENT. THIS RETENTION EQUALS THE BREAK-EVEN POINT THRESHOLD AND THEREFORE NO ADDITIONAL PLANTING IS REQUIRED.

16. A FOREST STAND DELINEATION WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. DATED NOVEMBER 25, 2005 AND WAS APPROVED UNDER SP-06-012. A FOREST CONSERVATION PLAN WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. DATED FEBRUARY 2012 AND WAS APPROVED UNDER THIS PLAN. F-12-074.

LANDSCAPING IS PROVIDED IN ACCORDANCE WITH A CERTIFIED LANDSCAPE PLAN ON FILE WITH THIS PLAT IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT FOR THIS FINAL PLAN F-12-074 IN THE AMOUNT OF \$3,000 FOR 8 SHADE TREES AND 4 EVERGREENS.

18. THERE ARE WETLANDS, WETLAND BUFFERS AND STREAM BUFFERS ON THIS

19. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE UMITS OF WETLANDS, STREAMS OR THEIR REQUIRED BUFFERS, FLOODPLAIN AND FOREST CONSERVATION EASEMENT AREAS. FOREST MANAGEMENT PRACTICES A DEFINED IN THE DEED OF FOREST EASEMENT AREA ALLOWED WITHIN THE FOREST CONSERVATION EASEMENTS.

20. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO HISTORIC FEATURES OR CEMETERIES ON THIS SITE. A CEMETERY EXISTS ON THE ADJACENT PROPERTY TO THE NORTH (TAX MAP 31, PARCEL 799), BUT NO BURIAL SPACES ARE APPARENT WITHIN 50' OF THIS PROJECT, HOWEVER, IF ANY EVIDENCE OF BURIAL OR GRAVES IS DISCOVERED, THE DEVELOPER WILL BE SUBJECT TO SECTION 16.1305 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. BURIAL GROUNDS WILL NOT BE DISTURBED EXCEPT AS PERMITTED BY STATE LAW.

21. THERE IS AN EXISTING DWELLING LOCATED ON LOT 1 (CONSTRUCTED 1964) TO BE REMOVED.

22. FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND THE ROAD RIGHT-OF-WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPE STEM LOT DRIVEWAY.

23. A DESIGN MANUAL WAIVER WAS APPROVED JUNE 21, 2010, ALLOWING PAYMENT OF FEE-IN-LIEU FOR FRONTAGE IMPROVEMENTS ALONG ILCHESTER AND LANDING ROAD. THE APPROVED FEE-IN-LIEU AMOUNTS ARE \$19,400 FOR ILCHESTER ROAD, AND \$74,500 FOR LANDING ROAD; HOWEVER, IF THE COSTS OF UTILITY POLE RELOCATION ARE REDUCED AS A RESULT OF A BGE COST REDUCTION, THESE FEE IN LIEU AMOUNTS MAY BE REDUCED ACCORDINGLY. A DESIGN MANUAL WAIVER REQUEST TO UTILIZE OPEN SECTION ROAD AND A USE IN COMMON DRIVEWAY WAS DENIED ON THE

. A DESIGN MANUAL WAIVER WAS REQUESTED TO WAIVE THE REQUIREMENT THAT A DRAINAGE SWALE BE LOCATED 15' FROM A RESIDENTIAL STRUCTURE, AND A STORMWATER SWALE BE LOCATED 25' FROM A RESIDENTIAL STRUCTURE. THIS WAIVER WAS APPROVED JANUARY 6, 2012 BASED ON DEMONSTRATING LIMITED SIZES OF DRAINAGE AREA AND NO

25. A DESIGN MANUAL WAIVER WAS APPROVED APRIL 4, 2012 ESTABLISHING TYPICAL ROAD SECTIONS FOR THE PROJECT WHICH INCLUDE CLOSED SECTION ROAD, OPEN-BACK FLOW THROUGH INLETS AND GRASS SWALES FOR STORMWATER TREATMENT.

26. SITE DEVELOPMENT PLAN APPROVAL BY THE DEPARTMENT OF PLANNING AND ZONING IS REQUIRED PRIOR TO BUILDING PERMITS BEING ISSUED FOR THE CONSTRUCTION OF RESIDENTIAL DWELLINGS ON THESE LOTS.

27. WAVER PETITION WP-11-183 REQUESTED RELIEF FROM SECTION 16.155(a)(2)(ii) WHICH REQUIRES A SITE DEVELOPMENT PLAN. THIS RELIEF WAS SOUGHT TO CONSTRUCT A MODEL HOME IN ADVANCE OF THE FINAL SUBDIMISION, AND WAS DENIED JUNE 3, 2011.

28. THIS PROPERTY IS LOCATED IN THE METROPOLITAN DISTRICT. WATER AND SEWER SHALL BE PUBLIC. DRAINAGE AREA IS WITHIN THE PATAPSCO WATERSHED, WATER AND SEWER SERVICE TO THESE LOTS WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 18.122.B OF THE HOWARD COUNTY CODE, PUBLIC WATER AND SEWAGE ALLOCATION WILL BE GRANTED UNDER THE PROVISIONS OF ISSUANCE OF THE BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME. CONNECTIONS WILL BE MADE UNDER PUBLIC WATER AND SEWER CONTRACT 14-4741.

29. THE WETLANDS DELINEATION STUDY FOR THIS PROJECT WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. DATED NOV 25, 2005 AND WAS APPROVED UNDER SP-06-012. AN UPDATE TO THE ENVIRONMENTAL STUDY WAS DONE BY ECO-SCIENCE, INC MAY, 2012, AND IS APPROVED

29. DESIGN MANUAL WAIVERS WERE APPROVED JUNE 21, 2012 TO DMV III, CHAPTER 2, APPENDIX A, THE APPROVAL ALLOWING USE OF A 50 CENTERLINE RADIUS FOR WELLSTONE WAY, AND WAIVING PORTIONS OF DMV IV, DETAIL R-5.05 BY ALLOWING PLACEMENT OF DRIVEWAY APRONS ON THE TEE-TURNAROUND FOR WELLSTONE WAY.

LEGEND STORMWATER MANAGEMENT PRACTICES PUBLIC DRAINAGE & UTILITY EASEMENT IORETENTION **ADDRESS** FOREST CONSERVATION EASEMENT (RETENTION) NUMBER (NUMBER) PROP. PRIVATE ACCESS AND FLUTT 4814 WELLSTONE WAY LOT 6 LUKIT OF WETLANDS ----STREAM LOT7 4810 WELLSTON WAY COORDINATES

30. THE FOLLOWING HOWARD COUNTY DPZ NUMBER'S RELATE TO THIS PROPERTY: \$P-06-012, EC9-11-060, PB CASE 380, WP-11-183, WP-13-125, F-12-075, W/S 14-4741, D, SDP-13-050.

31. WP-13-125 WAS APPROVED ON MARCHG, 2013, AND GRANTED AN EXTENSION TO THE SIGNATURE TIME FRAMES IN SECTION 16.144 CP) 4 Cq). THE APPROVAL IS SUBJECT TO: 1. PAYMENT OF FEES AND POSTING OF BONDS BY MAY 9, 2013;

2. SUBMISSION OF FINAL PLAT FOR SIGNATURES BY JULY 2013;
3. REVISION OF GENERAL NOTE 12, AND GENERAL NOTE 23 ON THE FINAL ROAD PLANS.

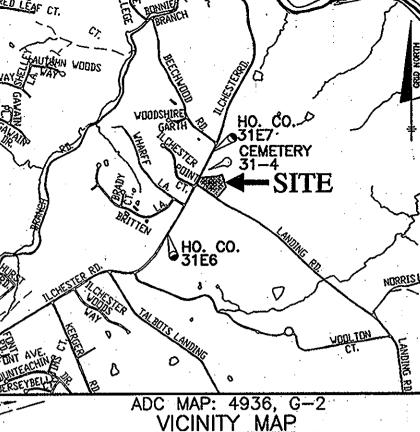
BENCH MARKS NAD'83 HO. CO. #31E6

3/4" REBAR 0.5' BELOW SURFACE 5' SOUTHWEST OF ILCHESTER ROAD PAVING 500'± WEST OF WHARF LANE. N 570852.3717

E 1376700.6467 HO. CO. #31E7

3/4" REBAR 0.5' BELOW SURFACE 9' SOUTHEAST OF ILCHESTER ROAD PAVING 250'± WEST OF BEECHWOOD ROAD E 1377504.0332 N 572335.3503

HO. CO. BM#2745004 ELEV. 364.78 USED FOR VERTICAL CONTROL.



SCALE: 1"=2000"

100

101

102

103

104

105

106

107

108

109

111

117

118

120

121

122

NORTH

571888.2765

571761.9848

571742.6636

571651.8197

571634.6720

571639.8141

571709.2032

571725.6493

571773.6937

571772.7447

571812.6380

571818.1857

571610.5718

571575.8301

571478.8895

571683.0310

571950.4620

571910.1330

112 571778.2924

113 | 571777.3434

114 | 571729.2991

115 | 571679.9608

COORDINATE CHART (NAD '83)

BOUNDARY COORDINATES

1377283.2420

1377217.6458

1377222.4952

1377348.3297

1377402.1475

1377433.7686

1377483.7993

1377488.4540

1377484.9375

1377471.9722

1377469.0524

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1377524.3564

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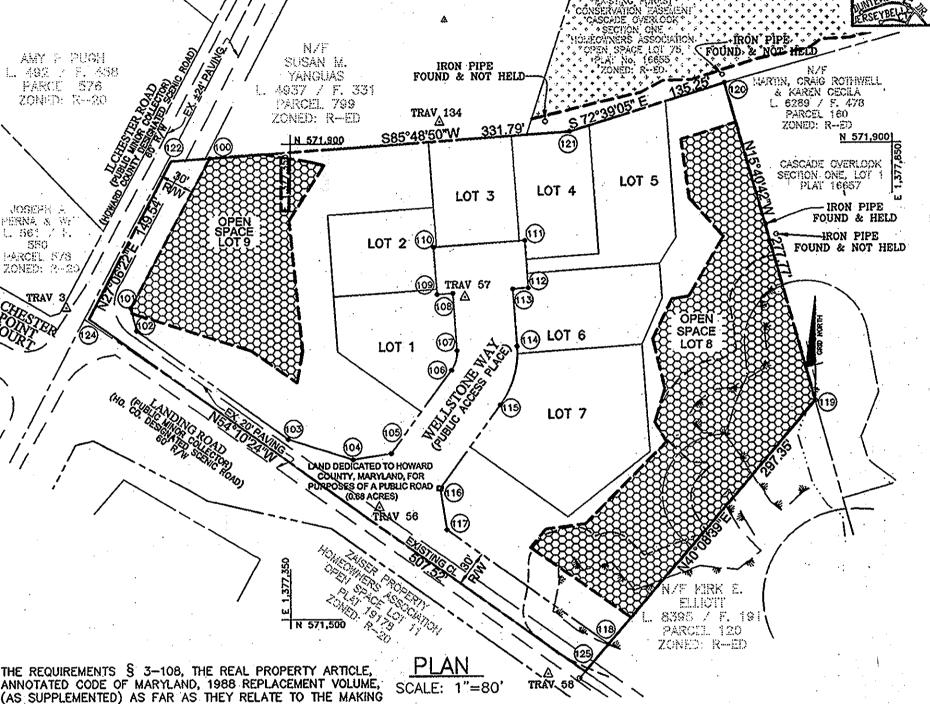
1377479.9397

1377613.8488

1377786.0255

1377710.9630

1377581.8660



TRAVERSE CHART (NAD '83) BOUNDARY COORDINATES 571762.3452 1377164.2431 571594.8302 - 1377423.9258 571770.6793 1377495.1821 571454.1442 1377563.8973 571918.3904 1377474.0921

124 571455.7303 1377594.3209

571885.9136 1377250.9588

571752.8026 | 1377182.8246

BENCHMARK

ENGINEERS A LAND SURVEYORS A PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE A SUITE 418 A ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644

75 THOMAS JOHNSON DRIVE A SUITE E A FREDERICK, MARYLAND 21702 (P) 301-701-5686 WWW.BEI-CIVILIENGINEERING.COM

AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

CASCADE OVERLOOK SECTION 4

LOTS 1 thru 7 AND OPEN SPACE LOTS 8 thru 9

> SP-06-012, ECP-11-060 PB CASE 380, WP-11-183 WP-13-125, F-12-075 W/5 14-4741-D, 5DP-13-050

1st ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

ZONING: R-ED TAX MAP: 31 GRID: 10 PARCEL: 133 SCALE: AS SHOWN DATE: FEBRUARY 2013 SHEET: 1 of 2

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRATION DATE 1/7/2015, AND THAT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF. THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED, BY ELIZABETH B. WELLER BY DEED DATED JULY 22, 2005 AND RECORDED IN LIBER 9340 FOLIO 650, AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ALL TO CASCADE WALTHUR LLC, AND 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 NORCOUR AND THE ANNOTATED CODE OF MARYLAND, AS AMENIES ALAN

DONALD A. MASON
PROFESSIONAL LAND SURVEYOR MARYLAND REVIOUS FOR BENCHMARK ENGINEERING, INC. MARYLAND"

OWNER'S DEDICATION

CASCADE WALTHUR L.L.C. OWNER 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 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 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

MEMBER, CASCADE WALTHUR, LLC STEVEN K BREEDEN

DATE:

OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN

PROFESSIONAL LAND SURVEYOR MARYLAND No. 21320

STEVENK BREEDEN ONCH

MEMBER, CASCADE WALTHUR, LLO

FOR BENCHMARK ENGINEERING, INC. MARYLAND No. 351

James R. Moxleyitt

COMPLIED WITH.

DONALD A. MASON

OWNER/DEVELOPER

CASCADE WALTHUR, L.L.C.

P.O. BOX 417

ELLICOTT CITY, MARYLAND 21041

410-465-4244

