

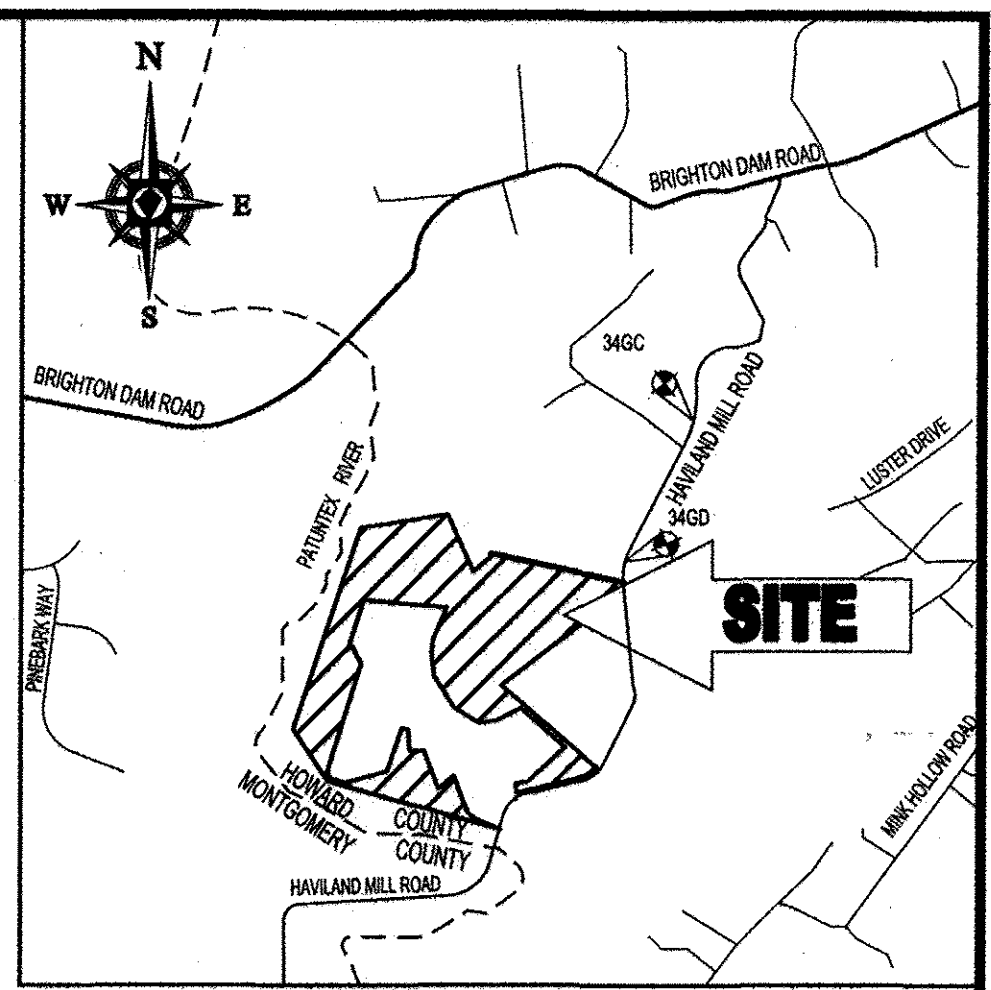
GENERAL NOTES

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 10/6/2013 COMPREHENSIVE ZONING REGULATIONS.
- PRIOR CASE NUMBERS ASSOCIATED WITH THIS PROJECT INCLUDE EOP-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102 AND WP-17-106.
- DESIGN MANUAL WAIVER REQUEST FOR THE FOLLOWING:
 - VOL. III, SECTION 2.3.3.E, PERMANENT NON-THROUGH STREETS, MAXIMUM LENGTH OF CUL-DE-SAC ROAD IS 1,200 FEET. WE REQUEST THE MAXIMUM LENGTH OF CUL-DE-SAC ROAD TO BE 1,750 FEET. APPROVAL DATE JULY 20, 2015.
- BOUNDARY OUTLINE BASED ON FIELD RUN SURVEY PERFORMED BY BOHLER ENGINEERING, DATED 1/16/15.
- STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS. WATER QUALITY AND RECHARGE VOLUMES WILL BE PROVIDED BY DRYWELLS AND BIORETENTION FACILITIES TO MEET MDE REQUIREMENTS. CHANNEL PROTECTION VOLUME, OVERBANK FLOOD PROTECTION VOLUME, AND EXTREME FLOOD VOLUME ARE NOT REQUIRED FOR THIS SITE. THE STORMWATER MANAGEMENT FACILITIES WILL BE PRIVATELY OWNED BY PROPERTY OWNERS AND HOA. FACILITIES TREATING ONLY AREAS FROM PRIVATE PROPERTY WILL BE MAINTAINED BY PROPERTY OWNERS AND HOA. FACILITIES TREATING AREAS WITHIN PUBLIC ROW WILL BE PLACED IN EASEMENTS AND WILL BE MAINTAINED BY BOTH HOWARD COUNTY AND PROPERTY OWNERSHOA. HOWARD COUNTY WILL MAINTAIN PIPES AND PROPERTY OWNERSHOA WILL MAINTAIN FACILITY SURFACES.
- THE FOREST STAND DELINEATION AND WETLAND DELINEATION REPORT, PREPARED BY ECO-SCIENCE PROFESSIONALS, CERTIFY THAT THE WETLANDS AND THEIR BUFFERS WILL NOT BE IMPACTED BY THE PROPOSED LOTS OR POTENTIAL DEVELOPMENT IN ACCORDANCE WITH SECTION 16.110(A)(4) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- THIS PROPERTY IS NOT LOCATED INSIDE OF THE METROPOLITAN DISTRICT.
- NO CEMETERIES ARE KNOWN TO EXIST WITHIN THIS SUBDIVISION.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HORIZONTAL AND VERTICAL CONTROL DATUM ARE BASED ON HOWARD COUNTY MONUMENT NOS. 343C AND 343D WHICH WERE USED FOR THIS PROJECT.

HOWARD COUNTY MONUMENT NO. 343C N = 554882.960 E = 1314248.688 ELEV. = 462.873
 HOWARD COUNTY MONUMENT NO. 343D N = 553733.762 E = 1313736.594 ELEV. = 465.286
- A FOREST STAND DELINEATION REPORT WAS COMPLETED BY ECO-SCIENCE PROFESSIONALS, INC. ON 09/15. FIELD WORK WAS PERFORMED ON 10/9/14, 12/30/14 AND 2/23/15.
- THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- AN OBVIOUSLY NON-CRITICAL FLOOD PLAIN STUDY WAS COMPLETED BY BOHLER ENGINEERING ON 2/25/15.
- THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE AMENDED ZONING REGULATIONS PER COUNCIL BILL NO. 32-2013. DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT APPLICATIONS.
- NO NOISE STUDY IS REQUIRED FOR THIS PROJECT.
- PRIVATE, ON-SITE WATER WELLS AND SEPTIC RESERVE AREAS ARE PROPOSED.
- THE STRUCTURE LOCATED ON THE PROPERTY IS NOT LISTED ON THE HISTORIC REGISTRY BUT IT IS OLDER THAN 50 YEARS. THE DPZ RESOURCE CONSERVATION DIVISION HAS DETERMINED THE SITE DOES NOT REQUIRE HISTORIC PRESERVATION COMMISSION APPROVAL PRIOR TO DEMOLITION. THE EXISTING STRUCTURE LOCATED ON THE SITE, BUILT CIRCA 1940 WILL BE REMOVED PRIOR TO PLAT RECORDATION.
- AN ADJOINER DEED TO TRANSFER AND MERGE 68.99 ACRES FROM THE O'KEEFE PROPERTY TO THE ESC MILL CREEK, INC. PROPERTY WAS RECORDED IN THE LAND RECORDS OF HOWARD COUNTY ON SEPTEMBER 13, 2017 AS LIBER 17806 FOLIO 358.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS, OR THEIR BUFFERS, 100-YEAR FLOODPLAIN, STEEP SLOPES AND FOREST CONSERVATION EASEMENTS UNLESS DEEMED NECESSARY BY THE DEPARTMENT OF PLANNING AND ZONING OR APPROVED VIA A WAIVER PETITION.
- THE FOREST CONSERVATION OBLIGATION FOR THIS PROJECT WILL BE MET BY FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION WILL BE FULFILLED BY RETENTION OF 23.3 ACRES OF CREDITED FOREST RETENTION AND 1.12 ACRES OF NON-CREDITED FOREST RETENTION FOR A TOTAL OF 24.42 ACRES OF TOTAL FOREST CONSERVATION EASEMENT.
- NON-BUILDABLE PRESERVATION PARCELS A, C, D & G ARE FOR THE PURPOSE OF STORMWATER MANAGEMENT AND WILL BE OWNED BY THE HOMEOWNERS ASSOCIATION AND HOWARD COUNTY GOVERNMENT SHALL BE PARTY TO THE PRESERVATION EASEMENT. NON-BUILDABLE PRESERVATION PARCEL B IS FOR THE PURPOSE OF ENVIRONMENTAL PROTECTION AND WILL BE OWNED BY HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS AND THE HOMEOWNERS ASSOCIATION SHALL BE PARTY TO THE PRESERVATION EASEMENT. NON-BUILDABLE PRESERVATION PARCEL E IS FOR THE PURPOSE OF OPEN SPACE AND WILL BE OWNED BY THE HOMEOWNERS ASSOCIATION AND HOWARD COUNTY GOVERNMENT SHALL BE PARTY TO THE PRESERVATION EASEMENT. NON-BUILDABLE PRESERVATION PARCEL F WAS APPROVED BY THE DPZ PLANNING DIRECTOR FOR THE PURPOSE OF AGRICULTURAL AND ENVIRONMENTAL PROTECTION AND WILL BE OWNED BY DONALD AND SALLY O'KEEFE, AND THE HOMEOWNERS ASSOCIATION AND HOWARD COUNTY GOVERNMENT SHALL BE PARTIES TO THE PRESERVATION EASEMENT.

- IN ACCORDANCE WITH SECTION 105.0.F OF THE ZONING REGULATIONS, AT LEAST 10% OF THE DWELLINGS IN EACH RR DEVELOPMENT SHALL BE MODERATE INCOME HOUSING UNITS (MIHU). DEVELOPER WILL PURSUE ALTERNATIVE COMPLIANCE BY PAYING A FEE-IN-LIEU TO THE HOWARD COUNTY HOUSING DEPARTMENT FOR THE UNITS REQUIRED BY DEVELOPMENT. AN EXECUTED MIHU AGREEMENT WILL BE RECORDED SIMULTANEOUSLY WITH THIS PLAT.
- A GROUNDWATER APPROPRIATIONS PERMIT MUST BE APPROVED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT PRIOR TO THE HEALTH DEPARTMENT'S SIGNATURE OF THE RECORD PLAT OR THE HEALTH DEPARTMENT'S ISSUANCE OF ANY WELL CONSTRUCTION PERMITS.
- A GEOTECHNICAL REPORT HAS BEEN PROVIDED FOR THIS PROJECT BY HILLIS-CARNES ENGINEERING INC.
- THE PROPERTY IS DESIGNATED AS GROWTH TIER III PER PLAN HOWARD 2030 AND IN ACCORDANCE WITH SENATE BILL 236, PER SB-236 PRELIMINARY EQUIVALENT SKETCH PLAN SP-15-015 WAS APPROVED, PER PLANNING BOARD CASE NO. 417, ON JULY 21, 2018.
- THE PARCELS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT REGULATIONS.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12' (16' SERVING MORE THAN ONE RESIDENCE)
 - SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1 1/2" MIN)
 - GEOMETRY - MAX. 15% GRADE, MAX 10% GRADE CHANGE AND MIN. 45 TURNING RADIUS
 - STRUCTURE (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
 - DRAINAGE ELEMENTS - SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- DEVELOPER RESERVES INTO 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 THE DEED(S) CONVEYING SAID LOT(S)/PARCELS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, 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.
- 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 EASEMENT ARE ALLOWED.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ FT (OR 10,000 SQ FT PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY IN THE AMOUNT OF \$22,500 FOR 70 SHADE TREES AND 13 EVERGREEN TREES AND FINANCIAL SURETY IN THE AMOUNT OF \$14,400 FOR 48 MITIGATION SHADE TREES (32 SHADE TREES FOR WP-15-122 AND 16 SHADE TREES FOR WP-17-106) FOR A TOTAL SURETY OF \$37,350. FINANCIAL SURETY WILL BE ADDRESSED IN THE ASSOCIATED DEVELOPER'S AGREEMENT.
- ALL AREAS ARE MORE OR LESS (±).
- DISTANCES SHOWN ARE BASED ON MARYLAND STATE PLANE, NAD 83.
- THE ADEQUATE ROAD FACILITIES TEST EVALUATION, DATED 1/13/16 WAS PREPARED BY THE TRAFFIC GROUP, INC. AND WAS APPROVED 7/29/16.
- ALL LOTS MUST HAVE A 100 FOOT WELL SEPARATION OR BE SIMULTANEOUSLY YIELD TESTED. SEE GAP NOTE.
- ALL WELLS ON LOTS NOT IN CUL-DE-SAC MUST HAVE INITIAL WELL DRILLED ON THE BACK EDGE OF WELL BOX TO MAXIMIZE THE SEPARATION FROM ROADSIDE SWALE.

- WP-15-122 WAS APPROVED ON DECEMBER 2, 2015 FOR A WAIVER FROM SECTION 16.147 TO TRANSFER AND MERGE OF 68.99 ACRES OF THE O'KEEFE PROPERTY WITH THE CRAWFORD PROPERTY (NOW ESC MILL CREEK, INC.) VIA THE ADJOINER DEED PROCESS. CONDITIONS OF APPROVAL, WHICH WERE AMENDED ON JANUARY 13, 2016 & APRIL 21, 2016, ARE AS FOLLOWS: THE ADJOINER DEED SHALL REFERENCE THE WAIVER PETITION FILE NUMBER (WP-15-122); THE TWO PARCELS RECONFIGURED BY THE ADJOINER DEED SHALL COMPLY WITH THE RR-DEO ZONING REGULATIONS, INCLUDING BUT NOT LIMITED TO THE BUILDING SETBACKS AND ACCESSORY STRUCTURE USES; APPROVAL OF THIS WAIVER PETITION IS TO TRANSFER AND MERGE 68.99 ACRES OF THE O'KEEFE PROPERTY WITH THE CRAWFORD PROPERTY (NOW ESC MILL CREEK, INC.). NO OTHER LOTS ARE BEING LEGALLY ENDORSED. NO ADDITIONAL LOTS ARE BEING CREATED AND NO NEW DEVELOPMENT, CONSTRUCTION OR IMPROVEMENTS ARE PERMITTED UNDER THIS REQUEST; ANY FUTURE SUBDIVISION OF EITHER PARCEL WILL REQUIRE FULL COMPLIANCE WITH THE ZONING AND SUBDIVISION AND LAND DEVELOPMENT REGULATIONS UNLESS WAIVERS ARE APPROVED; THE ADJOINER DEED SHALL BE RECORDED IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MARYLAND PRIOR TO THE RECORDATION OF THE FINAL SUBDIVISION PLAT FOR THE CRAWFORD (NOW ESC MILL CREEK, INC.) AND O'KEEFE PROPERTIES. NO PERMITS TO BEGIN GRADING OR CONSTRUCTION SHALL BE APPLIED FOR OR GRANTED PRIOR TO RECORDATION OF THE ADJOINER DEED; AND RECORDED COPIES OF THE ADJOINER DEED SHALL BE SUBMITTED TO THIS DEPARTMENT FOR FILE RETENTION PURPOSES WITHIN 30-DAYS OF RECORDATION.
- WP-15-122 WAS APPROVED ON JANUARY 13, 2015 FOR A WAIVER FROM SECTION 16.1205(A)(7)&(10) TO REMOVE 16 SPECIMEN TREES. CONDITIONS OF APPROVAL ARE AS FOLLOWS: APPROVAL IS FOR THE REMOVAL OF SIXTEEN (16) SPECIMEN TREES IDENTIFIED AS SPECIMEN TREES F, G, H, I, J, K, L, M, O, Y, Z, AA, BB, CC, DD, EE ON THE WAIVER PETITION EXHIBIT AND PRELIMINARY EQUIVALENT SKETCH PLAN. NO OTHER SPECIMEN TREES MAY BE REMOVED. REMOVAL OF THE SIXTEEN SPECIMEN TREES WILL REQUIRE MITIGATION OF 32, 3" - 4" CALIPER SHADE TREES. IF THE SITE DESIGN ALLOWS, THESE MITIGATION TREES SHOULD BE PLANTED ALONG THE PERIMETER OF THIS PROJECT IN ORDER TO PROVIDE ENHANCED SCREENING FOR THE EXISTING ADJACENT DEVELOPED PROPERTIES. REVIEW FOR COMPLIANCE WITH THIS MITIGATION REQUIREMENT WILL BE CONDUCTED WITH THE REVIEW OF THE FINAL SUBDIVISION PLAN. THE MITIGATED TREES SHALL BE BONDED WITH THE LANDSCAPING OBLIGATION; AND THERE ARE SEVERAL SPECIMEN TREES LOCATED WITHIN THE SEPTIC RESERVE AREAS THAT ARE IDENTIFIED TO REMAIN. BE ADVISED, A WAIVER PETITION WOULD BE REQUIRED TO REMOVE THESE SPECIMEN TREES IF IN THE FUTURE THESE TREES MUST BE REMOVED TO UTILIZE THE SEPTIC RESERVE AREA.
- A PRE-SUBMISSION COMMUNITY MEETING WAS HELD ON OCTOBER 20, 2014 IN ACCORDANCE WITH SECTION 16.147 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- ARTICLES OF INCORPORATION FOR THE MILL CREEK HOMEOWNERS ASSOCIATION, INC. HAS BEEN FILED WITH THE MARYLAND STATE DEPARTMENT OF ASSESSMENTS AND TAXATION ON OCTOBER 15, 2017, FILING NO. 5000000001414993. DECLARATION OF COVENANTS AND RESTRICTIONS FOR THE MILL CREEK HOMEOWNERS ASSOCIATION, INC. IS RECORDED SIMULTANEOUSLY WITH THE FINAL PLAT.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY ONLY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- ALTERNATIVE COMPLIANCE (WP-17-106) FOR AN ALTERNATIVE COMPLIANCE OF SECTION 16.1205(A)(7)&(10) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, WHICH REQUIRES THE RETENTION OF STATE CHAMPION TREES, TREE 75% OF THE DIAMETER OF STATE CHAMPION TREES, AND TREES 30" IN DIAMETER OR LARGER. THIS APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:
 - APPROVAL IS FOR THE REMOVAL OF EIGHT (8) SPECIMEN TREES IDENTIFIED AS SPECIMEN TREES E, N, R, S, X, NN, PP, AND QQ ON THE ALTERNATIVE COMPLIANCE PETITION EXHIBIT AND FINAL PLAN. NO OTHER SPECIMEN TREES MAY BE REMOVED. REMOVAL OF THE EIGHT (8) SPECIMEN TREES WILL REQUIRE MITIGATION OF 16, 2.5" CALIPER SHADE TREES. IF THE SITE DESIGN ALLOWS, THESE MITIGATION TREES SHOULD BE PLANTED ALONG THE PERIMETER OF THIS PROJECT IN ORDER TO PROVIDE ENHANCED SCREENING FOR THE EXISTING ADJACENT DEVELOPED PROPERTIES. REVIEW FOR COMPLIANCE WITH THIS MITIGATION REQUIREMENT WILL BE CONDUCTED WITH THE REVIEW OF THE FINAL SUBDIVISION PLAN. THE MITIGATED TREES SHALL BE BONDED WITH THE LANDSCAPING OBLIGATION.
 - THE SEVEN MITIGATION TREES CURRENTLY SHOWN ON THE ALTERNATIVE COMPLIANCE EXHIBIT BETWEEN LOTS 1 AND 2 AND LOTS 3 AND 4 AND LOTS 21 AND 22 SHALL BE RELOCATED OUT OF ANY PROPOSED SEWAGE RESERVE AREA. IN ADDITION, THEY SHALL NOT BE LOCATED BETWEEN ADJACENT SEWAGE RESERVE AREAS. THIS RELOCATION WILL HELP THE VIABILITY AND PERMANENCY OF THESE MITIGATION TREES AND THEIR CRITICAL ROOT ZONES IN THE FUTURE. THE EXHIBIT SHALL BE REVISED TO SHOW NEW LOCATION OF THESE TREES. (NOTE: THE OTHER 8 MITIGATION TREES ARE ACCEPTABLE.) [SEE ALSO ATTACHED HEALTH DEPARTMENT COMMENTS DATED MAY 1, 2017.]
 - THE ALTERNATIVE COMPLIANCE EXHIBIT SHALL ALSO BE UPDATED TO CHANGE ALL REFERENCES FROM "WAIVER" TO "ALTERNATIVE COMPLIANCE". THE MITIGATION TREE SCHEDULE ON THE EXHIBIT SHALL BE UPDATED (SEE CONDITION #4 BELOW) AND THE ALTERNATIVE COMPLIANCE NOTE WILL REFLECT THE CURRENT REQUEST TO REMOVE 8 SPECIMEN TREES. THE REVISED EXHIBIT WILL BE SUBMITTED WITHIN 2 WEEK OF ALTERNATIVE COMPLIANCE APPROVAL (ON OR BEFORE MAY 23, 2017).
 - THE LANDSCAPE PLAN FOR F-17-016 WILL BE REVISED TO SHOW ALL MITIGATION PLANTINGS AND A SURETY WILL ALSO BE REQUIRED. FOR THESE EIGHT TREES SPECIFICALLY, THE PLANTING SCHEDULING SHALL IDENTIFY TWO, 2.5" CALIPER TREES, OF IDENTICAL SPECIES, FOR EACH OF THE EIGHT TREES THAT ARE PROPOSED FOR FUTURE REMOVAL.
- A FINANCIAL SURETY FOR THE 40 REQUIRED PUBLIC STREET TREES IN THE AMOUNT OF \$12,000 WILL BE ADDRESSED IN DEED'S COST ESTIMATE.
- HOE HAS APPROVED A VARIANCE TO ALLOW THE WELL AREA ON LOT 20 TO BE DOWN GRADIENT OF THE SEWERAGE DISPOSAL AREAS ON LOTS 20 AND 21 AND THE WELL AREA ON LOT 21 TO BE DOWN GRADIENT OF THE SEWERAGE DISPOSAL AREA ON LOT 21 AND 22 SUBJECT TO THE FOLLOWING:
 - THE WELL ON LOTS 20 AND 21 MUST BE DRILLED USING STEEL CASING THAT EXTENDS TO AT LEAST 50 FEET DEPTH OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER.
 - THE SEWERAGE DISPOSAL SYSTEM ON LOTS 20, 21, AND 22 WILL UTILIZE BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION AND LOW PRESSURE DOSED DRAINFIELD.



VICINITY MAP
SCALE: 1"=200'
ADC MAP COORDINATES: 301C5

- LEGEND:**
- PROPOSED PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - EXISTING PROPERTY LINE
 - SETBACK
 - EXISTING FEMA FLOODPLAIN
 - EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
 - PROPOSED FLOODPLAIN
 - PROPOSED EASEMENT
 - PROPERTY CORNER TO BE SET
 - 100' STREAM BANK BUFFER
 - STREAM BANK
 - PERENNIAL STREAM

- EASEMENT LEGEND:**
- PRIVATE SEWAGE DISPOSAL AREA
 - PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT
 - PUBLIC DRAINAGE & UTILITY EASEMENT
 - 10' PUBLIC STREET TREE EASEMENT
 - VARIABLE WIDTH 100-YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT
 - VARIABLE WIDTH FOREST CONSERVATION RETENTION EASEMENT

ALL LOTS IN THIS SUBDIVISION ARE SUBJECT TO THE MODERATE INCOME HOUSING UNIT (MIHU) FEE-IN-LIEU REQUIREMENT THAT IS TO BE CALCULATED AND PAID TO THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS AT THE TIME OF BUILDING PERMIT ISSUANCE BY THE PERMIT APPLICANT.

OVERALL AREA TABULATION CHART

TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	23
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	7
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	30
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	26,009 AC ±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	69,896 AC ±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	95,905 AC ±
TOTAL AREA OF ROADWAY TO BE RECORDED	3,159 AC ±
TOTAL AREA TO BE RECORDED	99,064 AC ±

OWNERS
ESC MILL CREEK, INC.
5074 DORSEY HALL DRIVE,
SUITE 205
ELLCOTT CITY, MD 21042
CONTACT: JASON VAN KIRK
PHONE: 410-720-3021

DEVELOPER
ESC MILL CREEK, INC.
5074 DORSEY HALL ROAD, SUITE 205
ELLCOTT CITY, MD 21042
CONTACT: JASON VAN KIRK
PHONE: (410) 720-3021

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Richard E. Johnson 3/19/18
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Jason Van Kirk 3/26/18
DIRECTOR DATE

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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:

- 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;
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE 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 ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE;
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND
- THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.

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.

WITNESS MY HAND THIS 30 DAY OF Jan 2018

Jason Van Kirk
ESC MILL CREEK, INC.
JASON VAN KIRK

ONE
WITNESS

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATEMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 17806 FOLIO 358; ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE AND CORRECT PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH SECTION 16.147 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.

Robert C. Harr, Jr.
ROBERT C. HARR, JR.
MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
EXPIRATION DATE: JANUARY 16, 2019

12.20.17
DATE

COVER SHEET

BOHLER ENGINEERING
22636 DAVIS DRIVE, SUITE 250
STERLING, VIRGINIA 20164
703.709.9500 - 703.709.9501 FAX
www.bohlerengineering.com

RECORDED AS PLAT 24400 ON 3/19/18 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**CRAWFORD SUBDIVISION
LOTS 1 - 23
AND NON-BUILDABLE PRESERVATION
PARCELS A THRU G**

ZONING: RR-DEO
TAX MAP 34, GRID 19, PARCEL 52 &
TAX MAP 39, GRID 6, PARCEL 1
5th ELECTION DISTRICT,
HOWARD COUNTY, MARYLAND

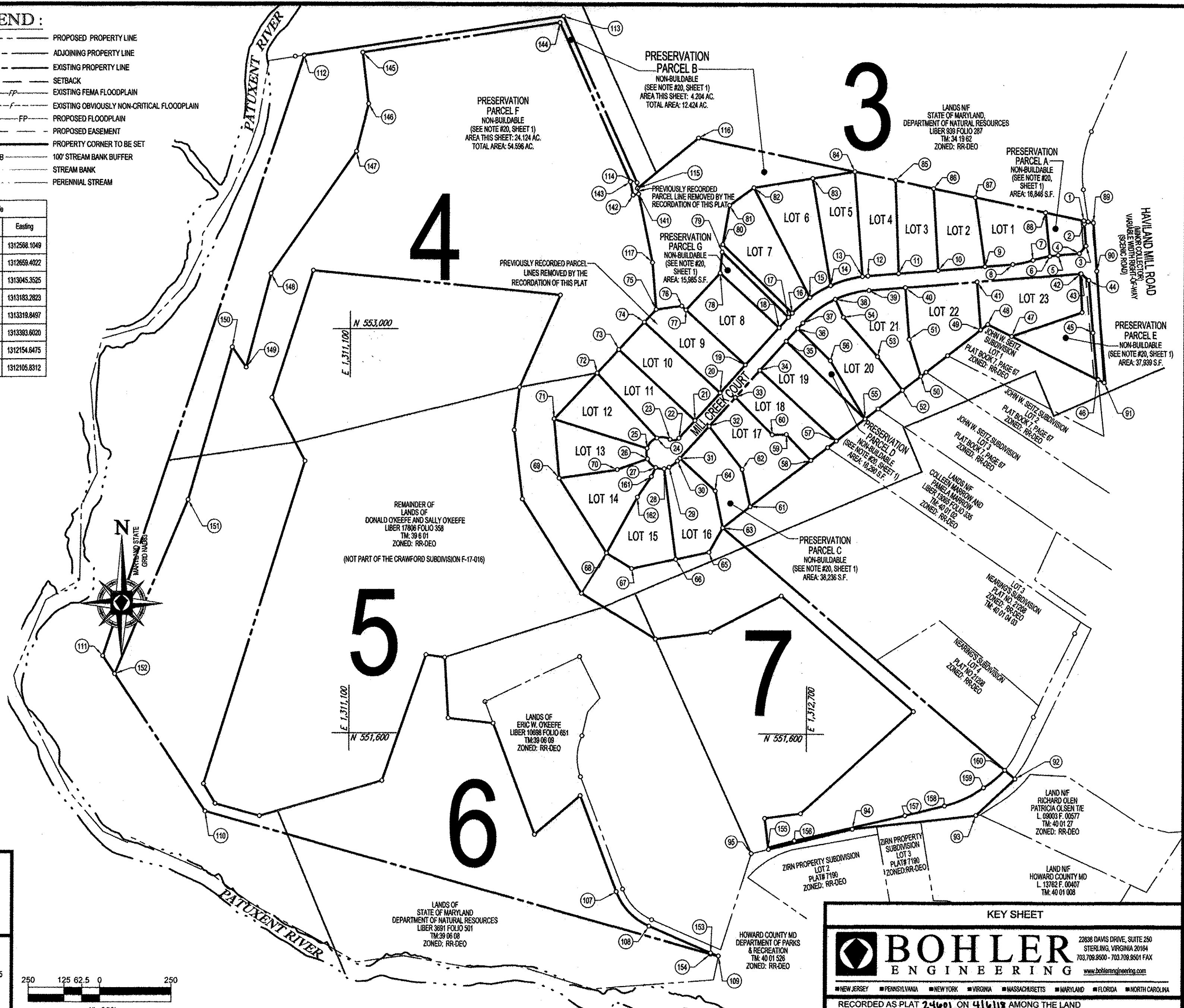
SHEET: 1 OF 8 SCALE: N/A
DATE: DECEMBER 4, 2017 DPZ FILE #S: EOP-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102

Point Table			Point Table			Point Table		
Point #	Northing	Easting	Point #	Northing	Easting	Point #	Northing	Easting
2	553369.4091	1313663.8000	40	553147.0014	1313039.0789	81	553430.7153	1312424.2497
1	553380.1688	1313661.8277	41	553167.0981	1313289.8959	82	553491.5832	1312509.0123
65	552229.2374	1312356.5251	42	553196.0176	1313650.3393	83	553525.0171	1312714.0207
9	553219.4855	1313317.5185	44	553173.3418	1313880.3213	84	553548.9780	1312880.9438
3	553292.8882	1313669.8646	45	552992.8780	1313895.8818	85	553518.9476	1313003.4177
4	553285.9681	1313646.9198	46	552832.1942	1313710.5234	86	553490.9175	1313136.4014
5	553260.0033	1313572.5360	47	552878.7811	1313411.7721	87	553460.1286	1313282.4734
6	553256.4929	1313543.5807	48	553019.9233	1313327.9222	88	553408.2882	1313328.4208
7	553241.8563	1313485.0239	49	553000.8947	1313393.0235	89	553373.0811	1313695.4542
8	553227.2782	1313414.6466	43	553196.2537	1313653.2834	90	553204.8354	1313707.8096
10	553206.3729	1313153.9455	50	552841.4722	1313084.4210	91	552819.8761	1313735.6283
11	553195.2838	1313015.6574	51	552868.0297	1313053.4304	92	551448.4415	1313429.2792
12	553186.6817	1312908.3842	52	552792.6900	1313030.5901	93	551320.3150	1313292.8708
13	553184.6658	1312888.1153	53	552908.4131	1312942.8950	94	551272.4053	1312881.8736
14	553153.6554	1312778.2829	54	553044.5022	1312823.3243	95	551186.0797	1312809.0876
15	553112.0487	1312705.9055	55	552893.1230	1312900.3078	107	551053.2037	1312037.7211
16	553057.4982	1312644.8067	56	552894.4855	1312778.2623	108	550933.9954	1312152.8422
17	553042.7207	1312631.3299	57	552816.6381	1312800.2282	109	550830.5836	1312396.5604
18	553007.0197	1312598.7713	58	552548.9473	1312711.8556	110	551328.1820	1310597.3000
19	552878.2018	1312481.2916	59	552638.1270	1312625.4639	111	551866.8596	1310237.0649
20	552782.1479	1312393.6922	60	552636.8559	1312576.2504	112	553946.2922	1310934.5152
21	552686.0941	1312306.0927	61	552387.1737	1312489.9787	113	554082.8749	1311840.8054
22	552624.8174	1312250.2095	62	552516.6081	1312471.6370	114	553507.6831	1312100.2239
23	552620.0358	131219.2016	63	552314.1886	1312404.4765	115	553488.4867	1312101.9055
24	552624.2496	1312173.1402	64	552441.5909	1312377.9129	116	553864.2481	1312314.0666
25	552688.2792	1312138.3502	66	552204.5027	1312240.5994	117	553230.5884	1312155.7002
26	552551.8860	1312140.6107	67	552171.6783	1312086.7590	141	553468.9081	1312105.8894
27	552522.0350	1312169.6331	68	552225.7627	1311998.6109	142	553464.8242	1312086.4108
28	552517.9478	1312199.0201	69	552484.9734	1311832.1198	143	553510.8345	1312076.8136
29	552523.2881	1312216.2464	70	552514.4112	1312035.0525	144	554060.8401	1311828.8021
30	552545.3019	1312245.3632	71	552888.9222	1311813.5527	145	553956.9623	1311138.4580
31	552554.6767	1312253.9128	72	552849.6624	1311963.5119	146	553779.7978	1311160.5221
32	552686.4233	1312355.8228	73	552929.8607	1312038.7996	147	553615.5778	1311118.8832
33	552796.1882	1312446.8084	74	553024.6504	1312127.7852	148	553169.8573	1310821.7394
34	552859.7052	1312632.0934	75	553058.5446	1312168.9917	149	552866.8375	1310735.5890
35	552960.2843	1312823.8198	76	553381.3466	1312258.5407	150	552936.3825	1310686.7207
36	553004.6353	1312864.2671	77	553607.8698	1312273.3182	151	552406.7427	1310533.8311
37	553023.8061	1312881.7505	78	553195.3025	1312392.3168	152	551804.5155	1310278.7568
38	553106.3916	1312795.0907	79	553268.5540	1312398.6705	153	550842.3544	1312368.8193
39	553136.8417	1312912.3808	80	553294.2274	1312400.8974	154	550838.5855	1312367.6283

LEGEND :

- PROPOSED PROPERTY LINE
- ADJOINING PROPERTY LINE
- EXISTING PROPERTY LINE
- SETBACK
- EXISTING FEMA FLOODPLAIN
- EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
- FP --- FP PROPOSED FLOODPLAIN
- PROPOSED EASEMENT
- PROPERTY CORNER TO BE SET
- SB --- 100' STREAM BANK BUFFER
- STREAM BANK
- PERENNIAL STREAM

Point #	Northing	Easting
155	551206.8190	1312588.1049
156	551231.1473	1312658.4022
157	551310.0958	1313045.3525
158	551353.4670	1313183.2823
159	551416.1666	1313319.8497
160	551476.6510	1313383.6020
161	552490.3532	1312154.6475
162	552418.8113	1312105.8312

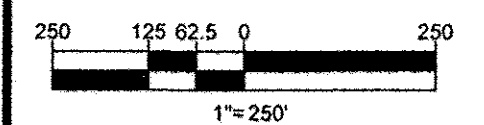


OVERALL AREA TABULATION CHART

TOTAL NUMBER OF BUILDABLE LOTS AND /OR PARCEL TO BE RECORDED	23
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	7
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	30
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	26.809 AC.±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	68.896 AC.±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	95.905 AC.±
TOTAL AREA OF ROADWAY TO BE RECORDED	3.159 AC.±
TOTAL AREA TO BE RECORDED	99.064 AC.±

OWNERS
 ESC MILL CREEK, INC.
 5074 DORSEY HALL DRIVE,
 SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: 410-720-3021

DEVELOPER
 ESC MILL CREEK, INC.
 5074 DORSEY HALL ROAD, SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: (410) 720-3021



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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 INTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

- 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.
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE 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 ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE.
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.
- THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

WITNESS MY HAND THIS 30th DAY OF Jan 2018

Jason Van Kirk
 JASON VAN KIRK
 ESC MILL CREEK, INC.

Howard County Health Officer
 HOWARD COUNTY HEALTH OFFICER DATE 3/2/2018

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Chapman
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 3-19-18

William James Berkus
 DIRECTOR DATE 3/20/18

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATEMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 17806 FOLIO 358, ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE 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 CODE OF MARYLAND AS AMENDED.

Robert C. Harr, Jr.
 ROBERT C. HARR, JR.
 MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
 EXPIRATION DATE: JANUARY 16, 2019

DATE 12-20-17

BOHLER ENGINEERING
 22838 DAVIS DRIVE, SUITE 250
 STERLING, VIRGINIA 20164
 703.708.8500 - 703.708.8501 FAX
 www.bohlerengineering.com

RECORDED AS PLAT 24101 ON 4/11/18 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

CRAWFORD SUBDIVISION LOTS 1 - 23 AND NON-BUILDABLE PRESERVATION PARCELS A THRU G

ZONING: RR-DEO
 TAX MAP 34, GRID 19, PARCEL 52 &
 TAX MAP 39, GRID 6, PARCEL 1
 5th ELECTION DISTRICT,
 HOWARD COUNTY, MARYLAND

SHEET: 2 OF 8 SCALE: 1" = 250'
 DATE: DECEMBER 4, 2017 DPZ FILE #S: ECP-15-051, WP-15-122, SR-15-015, PB-17, WP-10-102

EASEMENT LEGEND :

- PRIVATE SEWAGE DISPOSAL AREA
- PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT
- PUBLIC DRAINAGE & UTILITY EASEMENT
- 10' PUBLIC STREET TREE EASEMENT
- VARIABLE WIDTH 100-YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT
- VARIABLE WIDTH FOREST CONSERVATION RETENTION EASEMENT
- PRIVATE DRAINAGE, SWM & UTILITY EASEMENT

LEGEND :

- PROPOSED PROPERTY LINE
- ADJOINING PROPERTY LINE
- EXISTING PROPERTY LINE
- SETBACK
- EXISTING FEMA FLOODPLAIN
- EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
- PROPOSED FLOODPLAIN
- PROPOSED EASEMENT
- PROPERTY CORNER TO BE SET
- 100' STREAM BANK BUFFER
- STREAM BANK
- PERENNIAL STREAM

OWNERS

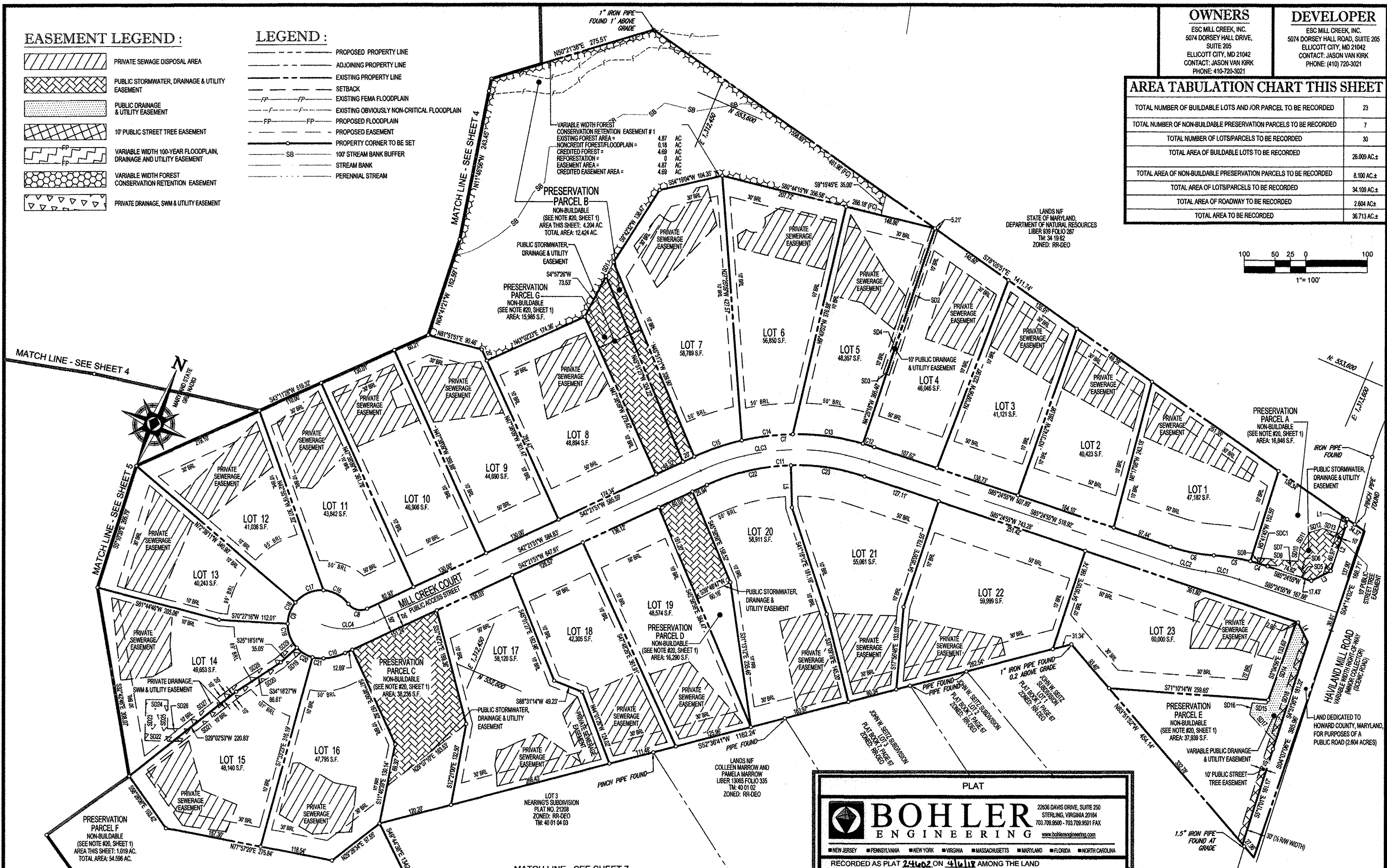
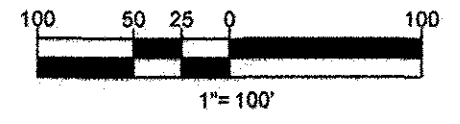
ESC MILL CREEK, INC.
5074 DORSEY HALL DRIVE,
SUITE 205
ELLCOTT CITY, MD 21042
CONTACT: JASON VAN KIRK
PHONE: 410-720-3021

DEVELOPER

ESC MILL CREEK, INC.
5074 DORSEY HALL ROAD, SUITE 205
ELLCOTT CITY, MD 21042
CONTACT: JASON VAN KIRK
PHONE: (410) 720-3021

AREA TABULATION CHART THIS SHEET

TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	23
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	7
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	30
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	26,009 AC±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	8,100 AC±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	34,109 AC±
TOTAL AREA OF ROADWAY TO BE RECORDED	2,804 AC±
TOTAL AREA TO BE RECORDED	36,713 AC±



PLAT

BOHLER
ENGINEERING

22638 DAVIS DRIVE, SUITE 250
STERLING, VIRGINIA 20154
703.769.8500 - 703.769.9301 FAX
www.bohlerengineering.com

RECORDED AS PLAT 24662 ON 4/11/17 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Madison for Maureen Roseman 3/2/2018
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Clark 3-19-18
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
NY
Jason Van Kirk 3/26/18
DIRECTOR DATE

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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 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 FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.
- (5) THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

WITNESS MY HAND THIS 26th DAY OF Jan 2018

Jason Van Kirk
ESC MILL CREEK, INC.
JASON VAN KIRK

Chad Clark
WITNESS

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 18365 FOLIO 335; THAT ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE AND CORRECTLY SET TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AS AMENDED.

Robert C. Harr, Jr.
ROBERT C. HARR, JR.
MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
EXPIRATION DATE: JANUARY 18, 2019

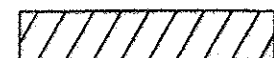





12-20-17
DATE

**CRAWFORD SUBDIVISION
LOTS 1 - 23
AND NON-BUILDABLE PRESERVATION
PARCELS A THRU G**

ZONING: RR-DEO
TAX MAP 34, GRID 19, PARCEL 52 &
TAX MAP 39, GRID 6, PARCEL 1
5th ELECTION DISTRICT,
HOWARD COUNTY, MARYLAND

SHEET: 3 OF 8 SCALE: 1" = 100'
DATE: DECEMBER 4, 2017 DPZ FILE #S: ECP-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102

EASEMENT LEGEND :

-  PRIVATE SEWAGE DISPOSAL AREA
-  PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT
-  PUBLIC DRAINAGE & UTILITY EASEMENT
-  10' PUBLIC STREET TREE EASEMENT
-  VARIABLE WIDTH 100-YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT
-  VARIABLE WIDTH FOREST CONSERVATION RETENTION EASEMENT

OWNERS

ESC MILL CREEK, INC.
5074 DORSEY HALL DRIVE,
SUITE 205
ELLCOTT CITY, MD 21042
CONTACT: JASON VAN KIRK
PHONE: 410-720-3021

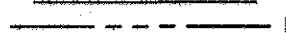


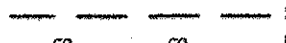
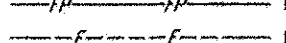


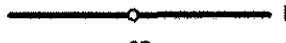
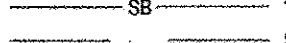
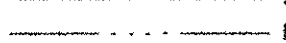


DEVELOPER

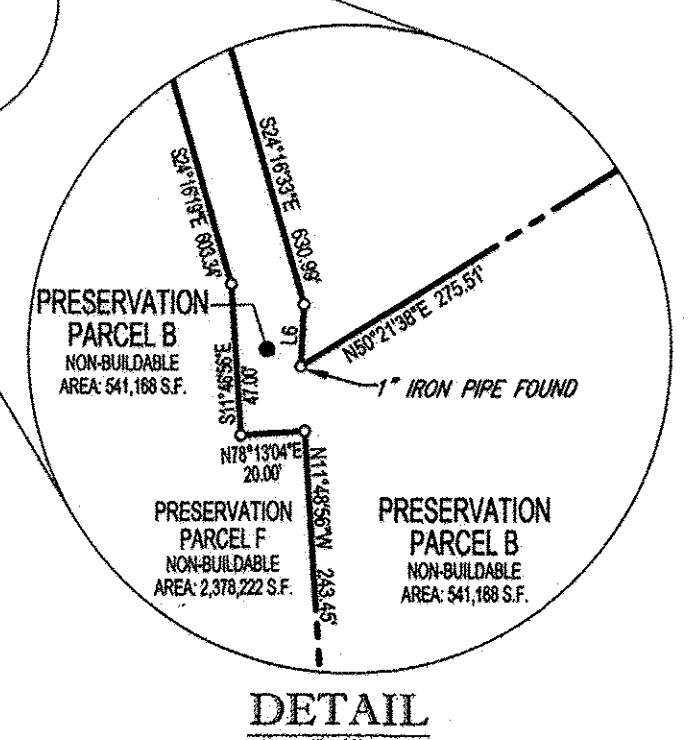
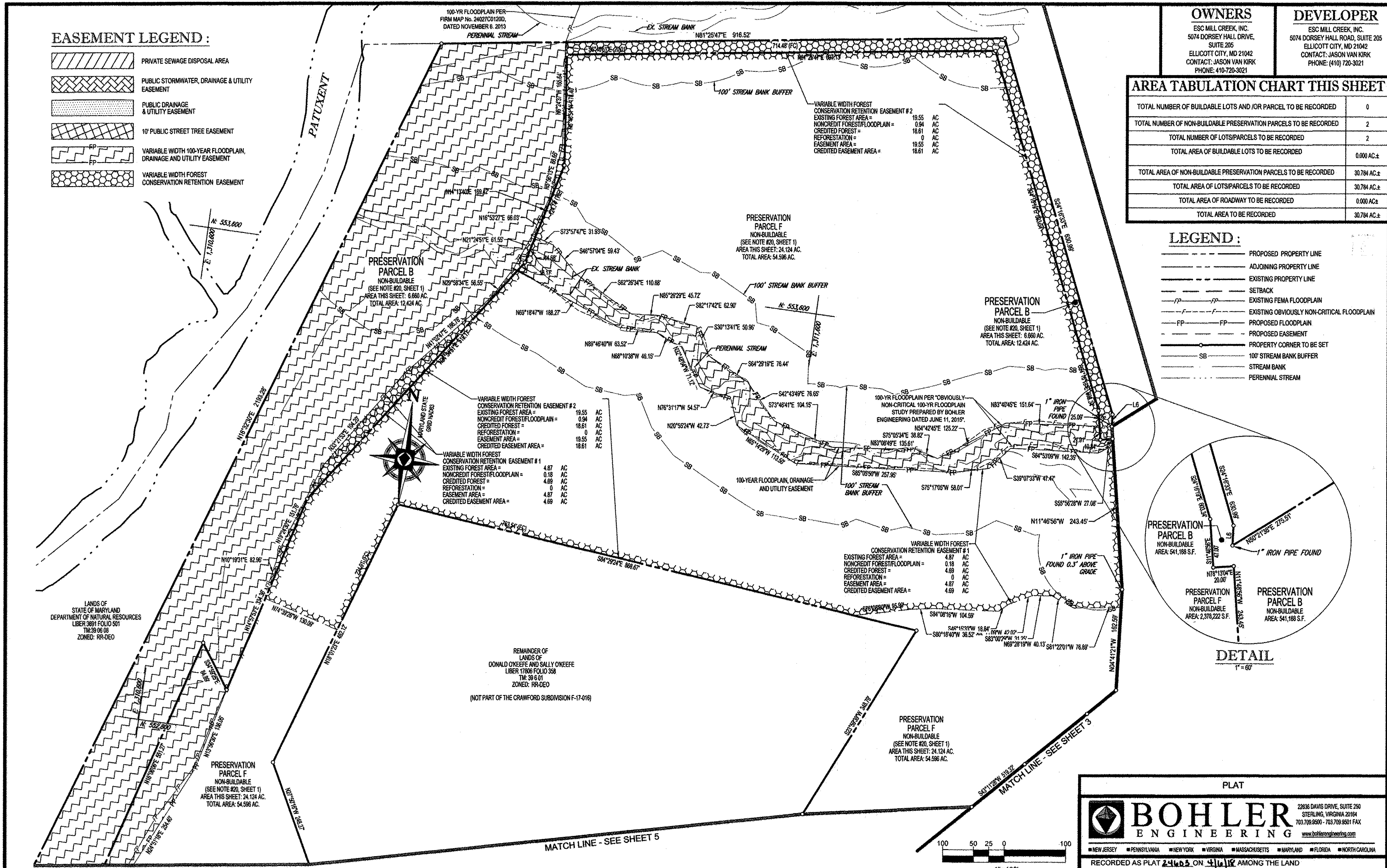
ESC MILL CREEK, INC.
5074 DORSEY HALL ROAD, SUITE 205
ELLCOTT CITY, MD 21042
CONTACT: JASON VAN KIRK
PHONE: (410) 720-3021

AREA TABULATION CHART THIS SHEET

TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	2
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0.000 AC±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	30.784 AC±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	30.784 AC±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.000 AC±
TOTAL AREA TO BE RECORDED	30.784 AC±

LEGEND :


-  PROPOSED PROPERTY LINE
-  ADJOINING PROPERTY LINE
-  EXISTING PROPERTY LINE
-  SETBACK
-  EXISTING FEMA FLOODPLAIN
-  EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
-  PROPOSED FLOODPLAIN
-  PROPOSED EASEMENT
-  PROPERTY CORNER TO BE SET
-  100' STREAM BANK BUFFER
-  STREAM BANK
-  PERENNIAL STREAM



LANDS OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
LIBER 3891 FOLIO 501
TM: 39 06 08
ZONED: RR-DEO

REMAINDER OF
LANDS OF
DONALD O'KEEFE AND SALLY O'KEEFE
LIBER 17806 FOLIO 358
TM: 39 6 01
ZONED: RR-DEO
(NOT PART OF THE CRAWFORD SUBDIVISION F-17-016)

PLAT



RECORDED AS PLAT 24463 ON 4/11/18 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Madison M. Moore 3/2/2018
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Phil Clark 3-19-18
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Jason Van Kirk 3/26/18
DIRECTOR DATE

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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 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 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 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 RIGHT-OF-WAYS.

(5) THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

WITNESS MY HAND THIS 30th DAY OF Jan 2018

Jason Van Kirk
ESC MILL CREEK, INC.
JASON VAN KIRK

ONE
WITNESS

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATEMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 3891 FOLIO 501; ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE AND CORRECTLY LOCATED FOR THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE CONVEYING INSTRUMENTS OF MARYLAND AS AMENDED.

Robert C. Harr, Jr.
ROBERT C. HARR, JR.
MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
EXPIRATION DATE: JANUARY 16, 2019

12-20-17
DATE

CRAWFORD SUBDIVISION

LOTS 1 - 23

AND NON-BUILDABLE PRESERVATION PARCELS A THRU G

ZONING: RR-DEO
TAX MAP 34, GRID 19, PARCEL 52 &
TAX MAP 39, GRID 6, PARCEL 1
5th ELECTION DISTRICT,
HOWARD COUNTY, MARYLAND

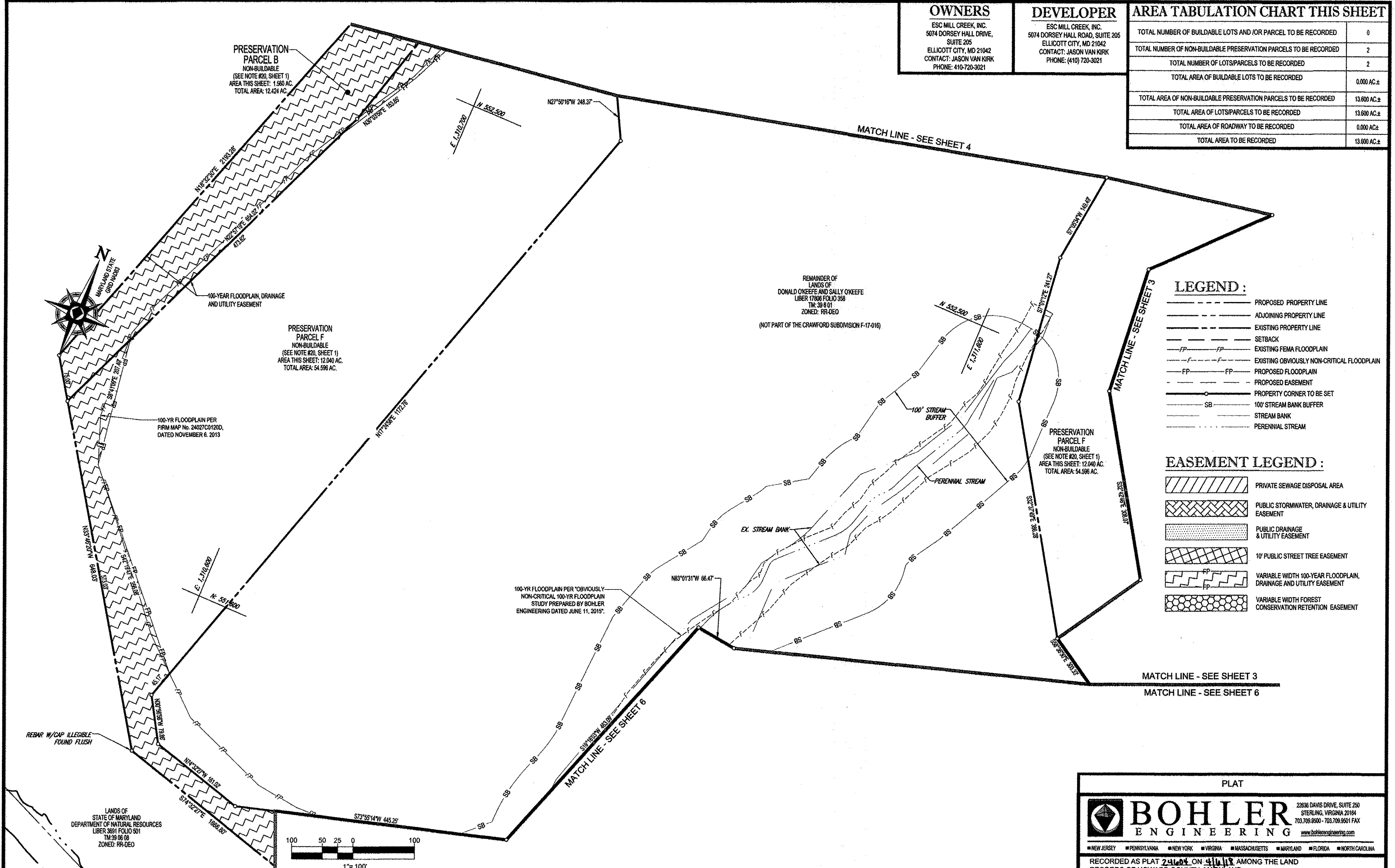
SHEET: 4 OF 8
DATE: DECEMBER 4, 2017

SCALE: 1" = 100'
DPZ FILE #S: ECP-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102

OWNERS
 ESC MILL CREEK, INC.
 5074 DORSEY HALL DRIVE,
 SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: 410-720-3021

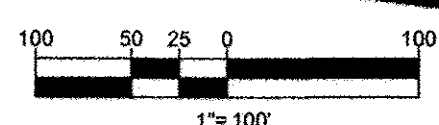
DEVELOPER
 ESC MILL CREEK, INC.
 5074 DORSEY HALL ROAD, SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: (410) 720-3021

AREA TABULATION CHART THIS SHEET	
TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	2
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0.000 AC±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	13.600 AC±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	13.600 AC±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.000 AC±
TOTAL AREA TO BE RECORDED	13.600 AC±



- LEGEND:**
- PROPOSED PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - EXISTING PROPERTY LINE
 - SETBACK
 - EXISTING FEMA FLOODPLAIN
 - EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
 - PROPOSED FLOODPLAIN
 - PROPOSED EASEMENT
 - PROPERTY CORNER TO BE SET
 - 100' STREAM BANK BUFFER
 - STREAM BANK
 - PERENNIAL STREAM

- EASEMENT LEGEND:**
- PRIVATE SEWAGE DISPOSAL AREA
 - PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT
 - PUBLIC DRAINAGE & UTILITY EASEMENT
 - 10' PUBLIC STREET TREE EASEMENT
 - VARIABLE WIDTH 100-YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT
 - VARIABLE WIDTH FOREST CONSERVATION RETENTION EASEMENT



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
William for Maureen Rossman 3/2/2018
 HOWARD COUNTY HEALTH OFFICER DATE

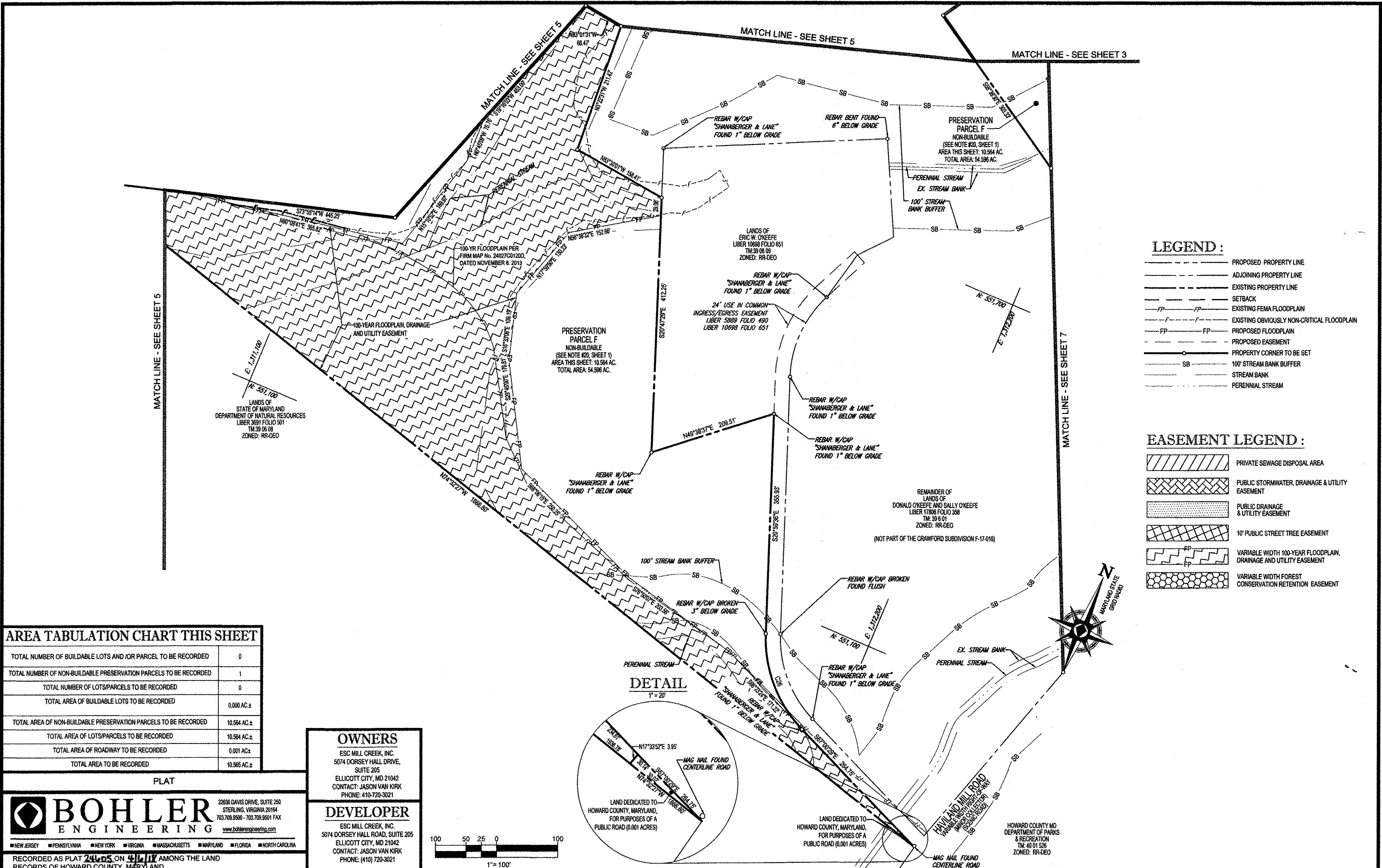
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Phil P... 3-19-18
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
... 3/26/18
 DIRECTOR DATE

OWNER'S CERTIFICATE
 WE, ESC MILL CREEK, INC., OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAN 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 AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.
 (5) 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 PLAN AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.
 WITNESS MY HAND THIS 30th DAY OF Jan 2018
 ESC MILL CREEK, INC.
 JASON VAN KIRK
 WITNESS

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE FINAL PLAN SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 17806 FOLIO 358; ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE AND CORRECTLY LOCATED 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.
 ROBERT C. HARR, JR.
 MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
 EXPIRATION DATE: JANUARY 16, 2019
 DATE: 12-20-17

PLAT
BOHLER ENGINEERING
 22636 DAVIS DRIVE, SUITE 250
 STERLING, VIRGINIA 20164
 703.709.8500 - 703.709.9501 FAX
 www.bohlerengineering.com
 RECORDED AS PLAT 24104 ON 4/11/18 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

CRAWFORD SUBDIVISION
LOTS 1 - 23
AND NON-BUILDABLE PRESERVATION PARCELS A THRU G
 ZONING: RR-DEO
 TAX MAP 34, GRID 19, PARCEL 52 & TAX MAP 39, GRID 6, PARCEL 1
 5th ELECTION DISTRICT,
 HOWARD COUNTY, MARYLAND
 SHEET: 5 OF 8
 DATE: DECEMBER 4, 2017
 SCALE: 1" = 100'
 DPZ FILE #S: ECP-15-015, WP-15-122, SP-15-015, PB-417, WP-10-102



- LEGEND :**
- PROPOSED PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - EXISTING PROPERTY LINE
 - SETBACK
 - EXISTING FEMA FLOODPLAIN
 - EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
 - PROPOSED FLOODPLAIN
 - PROPOSED EASEMENT
 - PROPERTY CORNER TO BE SET
 - SB --- 100' STREAM BANK BUFFER
 - STREAM BANK
 - PERENNIAL STREAM

- EASEMENT LEGEND :**
- [Hatched Box] PRIVATE SEWAGE DISPOSAL AREA
 - [Cross-hatched Box] PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT
 - [Dotted Box] PUBLIC DRAINAGE & UTILITY EASEMENT
 - [Diagonal Lines Box] 10' PUBLIC STREET TREE EASEMENT
 - [Wavy Lines Box] VARIABLE WIDTH 100-YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT
 - [Circular Pattern Box] VARIABLE WIDTH FOREST CONSERVATION RETENTION EASEMENT

AREA TABULATION CHART THIS SHEET

TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	0
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0.000 AC.±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	10.564 AC.±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	10.564 AC.±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.001 AC.±
TOTAL AREA TO BE RECORDED	10.565 AC.±

PLAT

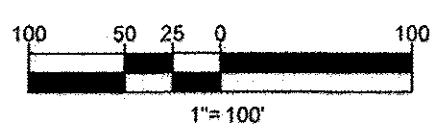
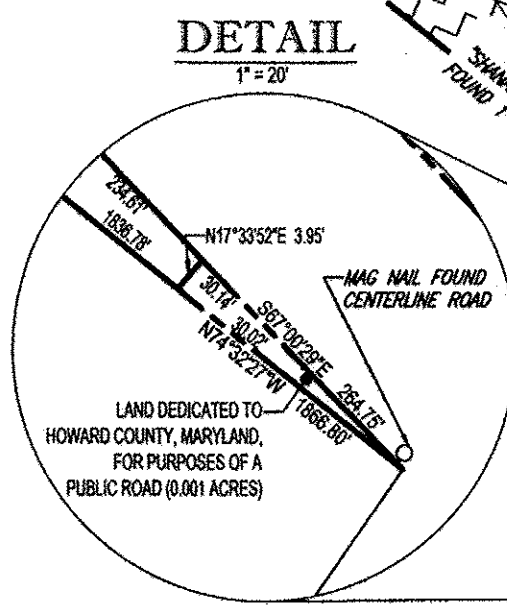
BOHLER ENGINEERING
 22636 DAVIS DRIVE, SUITE 250
 STERLING, VIRGINIA 20154
 703.708.9500 - 703.708.9501 FAX
 www.bohlerengineering.com

NEW JERSEY ■ PENNSYLVANIA ■ NEW YORK ■ VIRGINIA ■ MASSACHUSETTS ■ MARYLAND ■ FLORIDA ■ NORTH CAROLINA

RECORDED AS PLAT 24105 ON 4/11/17 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

OWNERS
 ESC MILL CREEK, INC.
 5074 DORSEY HALL DRIVE,
 SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: 410-720-3021

DEVELOPER
 ESC MILL CREEK, INC.
 5074 DORSEY HALL ROAD, SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: (410) 720-3021



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Howard County Health Officer
 HOWARD COUNTY HEALTH OFFICER DATE 3/2/2018

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief Development Engineering
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 3-19-18

Director
 DIRECTOR DATE 3/26/18

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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:

- 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;
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE 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 ACQUIRE THE FREE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE;
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND
- THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

THE REQUIREMENTS 3-106, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

WITNESS MY HAND THIS 30th DAY of Jan, 2018

Jason Van Kirk
 ESC MILL CREEK, INC.
 JASON VAN KIRK
 WITNESS

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 17808 FOLIO 398; ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE AND CORRECTLY SET FOR THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE REQUIREMENTS OF THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND AS AMENDED.

Robert C. Marr, Jr.
 ROBERT C. MARR, JR.
 MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
 EXPIRATION DATE: JANUARY 16, 2019

12-20-17
 DATE

CRAWFORD SUBDIVISION
LOTS 1 - 23
AND NON-BUILDABLE PRESERVATION
PARCELS A THRU G

ZONING: RR-DEO
 TAX MAP 34, GRID 19, PARCEL 52 &
 TAX MAP 39, GRID 6, PARCEL 1
 5th ELECTION DISTRICT,
 HOWARD COUNTY, MARYLAND

SHEET: 6 OF 8 SCALE: 1" = 100'
 DATE: DECEMBER 4, 2017 DPZ FILE #S: ECR-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102

LEGEND :

- PROPOSED PROPERTY LINE
- ADJOINING PROPERTY LINE
- EXISTING PROPERTY LINE
- SETBACK
- FP — FP EXISTING FEMA FLOODPLAIN
- f — f EXISTING OBVIOUSLY NON-CRITICAL FLOODPLAIN
- FP — FP PROPOSED FLOODPLAIN
- PROPOSED EASEMENT
- ○ — PROPERTY CORNER TO BE SET
- SB — 100' STREAM BANK BUFFER
- STREAM BANK
- PERENNIAL STREAM

EASEMENT LEGEND :

- PRIVATE SEWAGE DISPOSAL AREA
- PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT
- PUBLIC DRAINAGE & UTILITY EASEMENT
- 10' PUBLIC STREET TREE EASEMENT
- VARIABLE WIDTH 100-YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT
- VARIABLE WIDTH FOREST CONSERVATION RETENTION EASEMENT

AREA TABULATION CHART THIS SHEET

TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	0
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0.000 AC.±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	6.849 AC.±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	6.849 AC.±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.554 AC.±
TOTAL AREA TO BE RECORDED	7.403 AC.±

PLAT

BOHLER ENGINEERING
 22636 DAVIS DRIVE, SUITE 250
 STERLING, VIRGINIA 20164
 703.709.9500 - 703.709.9501 FAX
 www.bohlerengineering.com

NEW JERSEY PENNSYLVANIA NEW YORK VIRGINIA MASSACHUSETTS MARYLAND FLORIDA NORTH CAROLINA

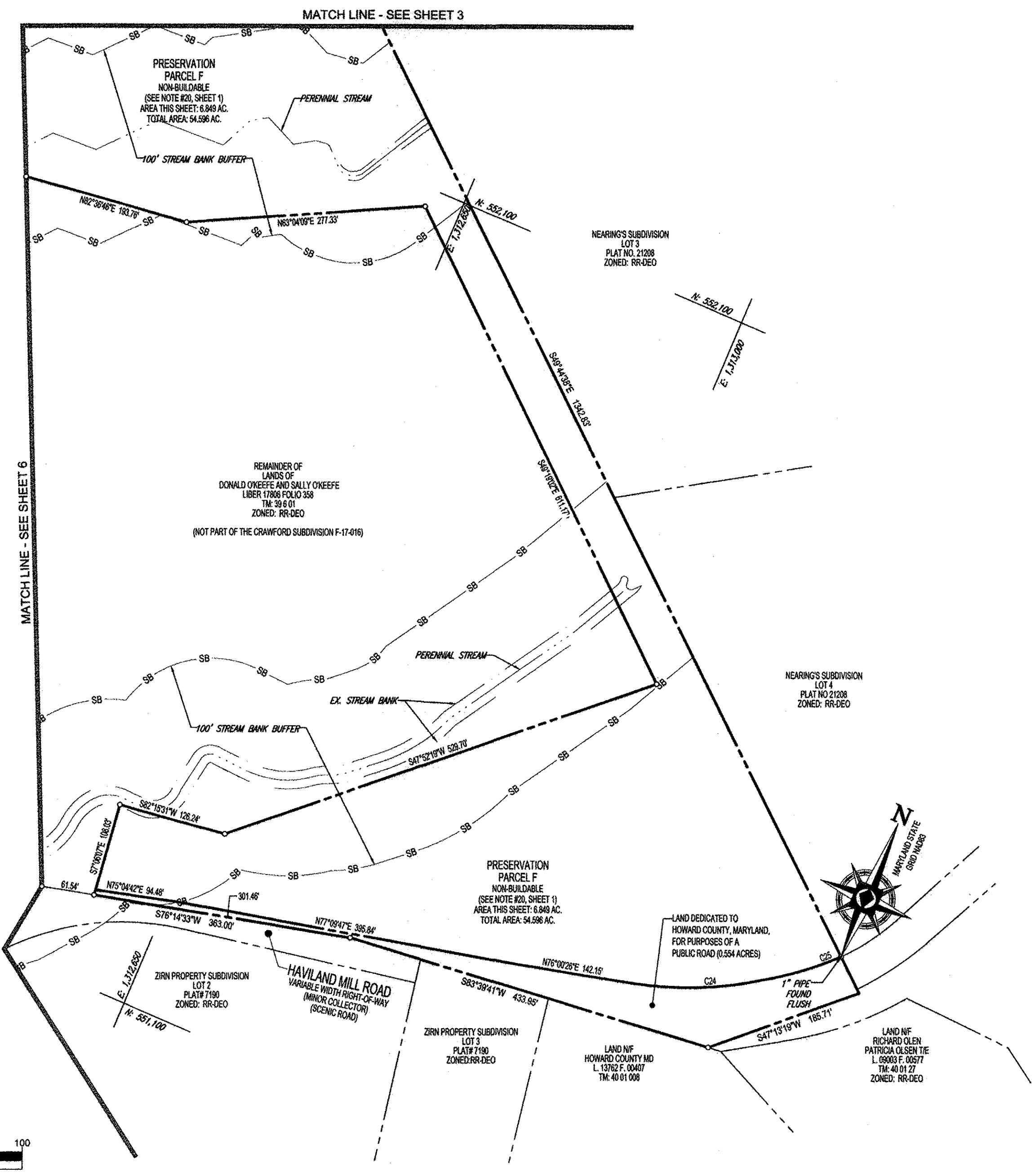
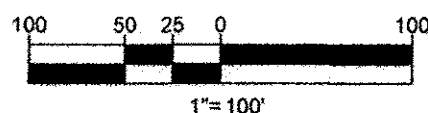
RECORDED AS PLAT 24102 ON 4/11/18 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

OWNERS

ESC MILL CREEK, INC.
 5074 DORSEY HALL DRIVE,
 SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: 410-720-3021

DEVELOPER

ESC MILL CREEK, INC.
 5074 DORSEY HALL ROAD, SUITE 205
 ELLICOTT CITY, MD 21042
 CONTACT: JASON VAN KIRK
 PHONE: (410) 720-3021



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

William for Monica Roseman 3/2/2018
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Jason Van Kirk 3/12/18 DATE
 CHIEF, DEVELOPMENT ENGINEERING DIVISION NY
Jason Van Kirk 3/26/18 DATE
 DIRECTOR

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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 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 FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS;
- (5) 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.

WITNESS MY HAND THIS 8th DAY OF Jan 2018

Jason Van Kirk
 ESC MILL CREEK, INC.
 JASON VAN KIRK

Witness Signature
 WITNESS

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATEMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 395; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. BY DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 17905 FOLIO 288, ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE OR HAVE BEEN SET BY THE SURVEYOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS AMENDED.



Robert C. Harr, Jr.
 ROBERT C. HARR, JR.
 MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
 EXPIRATION DATE: JANUARY 16, 2019

12-20-17
 DATE

**CRAWFORD SUBDIVISION
 LOTS 1 - 23
 AND NON-BUILDABLE PRESERVATION
 PARCELS A THRU G**

ZONING: RR-DEO
 TAX MAP 34, GRID 19, PARCEL 52 &
 TAX MAP 39, GRID 6, PARCEL 1
 5th ELECTION DISTRICT,
 HOWARD COUNTY, MARYLAND

SHEET: 7 OF 8 SCALE: 1" = 100'
 DATE: DECEMBER 4, 2017 DPZ FILE #S: ECP-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C4	360.00'	29.20'	S83°05'31"W	29.19'	004°38'48"	14.61'
C5	360.93'	60.41'	S75°57'42"W	60.34'	009°35'23"	30.28'
C6	290.00'	72.06'	S78°17'50"W	71.87'	014°14'11"	36.21'
C7	400.00'	300.55'	S63°53'23"W	293.53'	043°03'04"	157.77'
C8	25.00'	33.92'	S81°13'47"W	31.37'	077°43'52"	20.15'
C9	55.00'	227.21'	S01°44'57"W	96.81'	236°41'31"	101.95'
C10	100.00'	36.72'	N52°53'02"E	36.51'	021°02'20"	18.57'
C11	350.00'	262.98'	N63°53'23"E	256.84'	043°03'04"	138.05'
C12	400.00'	19.38'	S84°01'39"W	19.37'	002°46'31"	9.69'
C13	400.00'	115.49'	S74°22'07"W	115.09'	016°32'34"	58.15'
C14	400.00'	83.64'	S60°06'26"W	83.48'	011°58'48"	41.97'
C15	400.00'	82.05'	S48°14'27"W	81.91'	011°45'11"	41.17'
C16	55.00'	47.74'	N84°46'13"W	46.25'	049°43'52"	25.49'
C17	55.00'	51.49'	S43°32'47"W	49.63'	053°38'07"	27.80'
C18	55.00'	37.13'	S02°36'45"E	36.43'	038°40'56"	19.31'
C19	55.00'	42.70'	S44°11'37"E	41.63'	044°28'49"	22.49'
C20	55.00'	30.04'	S82°04'55"E	29.67'	031°17'46"	15.41'
C21	55.00'	18.11'	N72°50'12"E	18.03'	018°52'01"	9.14'
C22	350.00'	141.19'	N53°55'16"E	140.24'	023°06'48"	71.57'
C23	350.00'	121.79'	N75°26'48"E	121.18'	019°56'15"	61.52'

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C24	410.26'	151.12'	N65°20'30"E	150.27'	021°06'20"	76.43'
C25	397.99'	95.62'	N50°38'31"E	95.39'	013°45'55"	48.04'
C26	212.00'	170.26'	S44°00'03"E	165.72'	046°00'54"	90.02'

ROAD CENTERLINE CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
CLC1	315.00'	56.20'	S80°18'15"W	56.12'	010°13'20"	28.17'
CLC2	315.00'	56.20'	S80°18'15"W	56.12'	010°13'20"	28.17'
CLC3	375.00'	281.77'	S63°53'23"W	275.19'	043°03'04"	147.91'
CLC4	110.91'	87.83'	S65°03'07"W	85.56'	045°22'31"	46.37'

PUBLIC STORMWATER, DRAINAGE & UTILITY EASEMENT CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
SDC1	360.00'	6.61'	S83°08'59"W	6.61'	001°03'08"	3.31'

STORMDRAIN EASEMENT LINE TABLE		
LINE	BEARING	DISTANCE
SD1	N04° 57' 26"E	25.80'
SD2	S04° 25' 18"E	246.15'
SD3	S85° 34' 42"W	10.00'
SD4	N04° 25' 18"W	247.19'
SD5	N05° 13' 25"E	7.50'
SD6	N57° 22' 53"W	10.95'
SD7	S72° 15' 43"W	62.31'
SD8	N17° 44' 17"W	8.75'
SD9	N72° 15' 43"E	65.44'
SD10	N14° 33' 56"W	22.70'
SD11	N08° 36' 21"E	28.12'
SD12	N50° 53' 48"E	23.44'
SD13	N85° 28' 07"E	33.71'
SD14	N03° 04' 56"W	140.76'
SD15	N71° 10' 25"E	23.52'
SD16	N10° 27' 20"W	19.16'
SD17	N67° 07' 46"W	60.19'
SD18	S04° 51' 35"E	168.31'
SD19	S25° 18' 51"W	37.06'
SD20	S34° 18' 27"W	86.94'

STORMDRAIN EASEMENT LINE TABLE		
LINE	BEARING	DISTANCE
SD21	S29° 02' 53"W	117.12'
SD22	S68° 35' 23"W	62.08'
SD23	N21° 31' 56"W	65.98'
SD24	N68° 07' 03"E	36.05'
SD25	S21° 31' 56"E	46.28'
SD26	N68° 35' 23"E	18.88'
SD27	N29° 02' 53"E	110.85'
SD28	N34° 18' 27"E	86.28'
SD29	N25° 18' 51"E	34.87'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S10° 23' 13"E	10.94'
L2	S04° 31' 53"E	76.76'
L3	S40° 26' 31"W	35.37'
L4	S49° 43' 20"E	35.44'
L5	S24° 31' 20"E	68.03'
L6	S05° 00' 33"E	19.27'
L7	N78° 13' 04"E	20.00'
L8	S11° 46' 56"E	47.00'

OVERALL AREA TABULATION CHART	
TOTAL NUMBER OF BUILDABLE LOTS AND/OR PARCEL TO BE RECORDED	23
TOTAL NUMBER OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	7
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	30
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	26.009 AC.±
TOTAL AREA OF NON-BUILDABLE PRESERVATION PARCELS TO BE RECORDED	69.886 AC.±
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	95.905 AC.±
TOTAL AREA OF ROADWAY TO BE RECORDED	3.159 AC.±
TOTAL AREA TO BE RECORDED	99.064 AC.±

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Maureen Rossman 3/2/2018
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Elmer 3-19-18
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

William J. ... 3/26/18
 DIRECTOR DATE

OWNER'S CERTIFICATE

WE, ESC MILL CREEK, INC., 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 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 FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

(5) THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

WITNESS MY HAND THIS 30th DAY OF Jan 2018

J. Van Kirk
 ESC MILL CREEK, INC.
 JASON VAN KIRK

[Signature]
 WITNESS

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 STEPHEN C. CRAWFORD, SUCCESSOR TRUSTEE OF THE THE MARJORIE F. CRAWFORD LIVING TRUST DATED MAY 14, 2003, RESTATEMENT DATED OCTOBER 21, 2004 TO ESC MILL CREEK, INC. BY DEEDS DATED APRIL 19, 2017 AND RECORDED IN LIBER 17546 FOLIO 398; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DONALD O'KEEFE AND SALLY O'KEEFE TO ESC MILL CREEK, INC. DEED DATED SEPTEMBER 12, 2017 AND RECORDED IN LIBER 17866 FOLIO 358, ALL RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, AND THAT ALL THE MONUMENTS ARE IN PLACE AND CORRECT PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE REQUIREMENTS OF MARYLAND AS AMENDED.

[Signature]
 ROBERT C. HARR, JR.
 MARYLAND PROFESSIONAL LAND SURVEYOR NO. 21587
 EXPIRATION DATE: JANUARY 16, 2019

12-20-17
 DATE

LINE & CURVE TABLES

BOHLER ENGINEERING 22636 DAVIS DRIVE, SUITE 250
 STERLING, VIRGINIA 20184
 703.709.9500 - 703.709.9501 FAX
 www.bohlerengineering.com

RECORDED AS PLAT 241607 ON 4/11/18 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

CRAWFORD SUBDIVISION
LOTS 1 - 23
AND NON-BUILDABLE PRESERVATION PARCELS A THRU G

ZONING: RR-DEO
 TAX MAP 34, GRID 19, PARCEL 52 &
 TAX MAP 39, GRID 6, PARCEL 1
 5th ELECTION DISTRICT,
 HOWARD COUNTY, MARYLAND

SHEET: 8 OF 8 SCALE: N/A
 DATE: DECEMBER 4, 2017 DP2 FILE #S: ECP-15-051, WP-15-122, SP-15-015, PB-417, WP-10-102