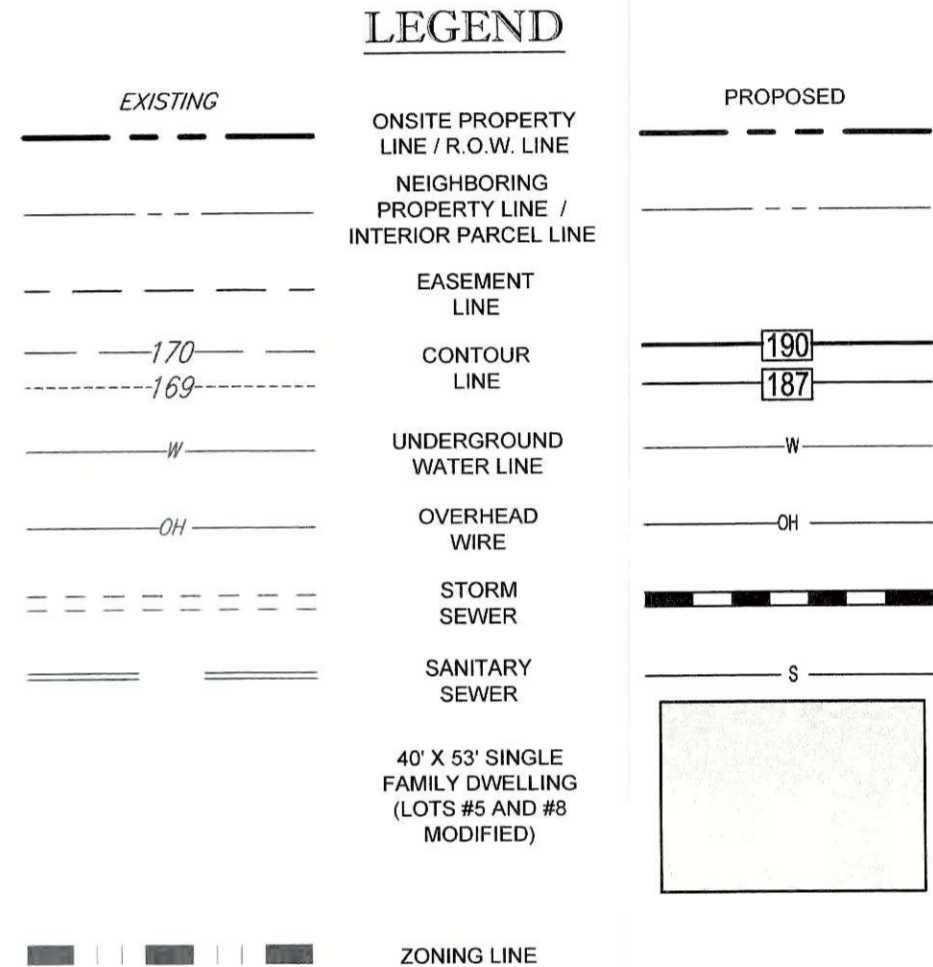


LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20602155-5
SCALE: 1"=100'



BOHLER ENGINEERING
 SITE CIVIL AND CONSULTING ENGINEERING
 LAND SURVEYING PROGRAM MANAGEMENT LANDSCAPE ARCHITECTURE
 SUSTAINABLE DESIGN PERMITTING SERVICES TRANSPORTATION SERVICES
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 RICHMOND, VA • FORT WORTH, TX • TAMPA, FL • IC
 BALTIMORE, MD • SOUTHERN MARYLAND
 NEW YORK, NY • NEW JERSEY

REVISIONS

REV	DATE	COMMENT	BY
1	08/17/17	REVISED PER COUNTY COMMENTS	PAB

THE FOLLOWING STATES REQUIRE NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE IN VIRGINIA, MARYLAND, THE DISTRICT OF COLUMBIA, AND DELAWARE CALL: 811
 (WV 1-800-245-4849) (MD 1-800-245-1776) (DC 1-800-257-7777) (VA 1-800-552-7001) (MI 1-800-257-7777) (DE 1-800-282-8669)

NOT APPROVED FOR CONSTRUCTION

PROJECT No.: MD152033
 DRAWN BY: PAB
 CHECKED BY: RDC
 DATE: 06/20/2017
 SCALE: 1" = 30'
 CAD I.D.: DP2

DEVELOPMENT PLAN
 PAI #09-0852
 FOR
 2825 CUB HILL ROAD
 LOCATION OF SITE
 2825 CUB HILL ROAD
 BALTIMORE COUNTY
 MARYLAND 21234
 ELECTION DISTRICT: 9
 COUNCILMANIC: 3

BOHLER ENGINEERING
 901 DULANEY VALLEY ROAD, SUITE 801
 TOWSON, MARYLAND 21284
 Phone: (410) 821-7900
 Fax: (410) 821-7987
 MD@BohlerEng.com

R. D. CATALONGO
 REGISTERED PROFESSIONAL ARCHITECT
 LANDSCAPE ARCHITECT
 9/26/17

RESERVOIR HILL COURT PROPERTY OWNER INFORMATION

LOT NUMBER	APN#	MAP, GRID, PARCEL	OWNER NAME(S)	LIBER, FOLIO	USE
1	24-00002148	62, 22, 165	MIGUEL & SILVIA MALISZEWSKI	0075, 0048	SINGLE FAMILY DWELLING
2	24-00002149	62, 22, 165	KUMSIL & YONG KU KIM	0075, 0048	SINGLE FAMILY DWELLING
3	24-00002150	62, 22, 165	SUN JAE HAM	0075, 0048	SINGLE FAMILY DWELLING
4	24-00002151	6, 22, 165	ANGELA & FARID ZREITEM	0075, 0048	SINGLE FAMILY DWELLING
5	24-00002152	62, 22, 165	BESSIE & DEBORAH HALL	0075, 0048	SINGLE FAMILY DWELLING
6	24-00002153	62, 22, 165	SHALA & ALIEREZA BARFAR	0075, 0048	SINGLE FAMILY DWELLING
7	24-00002157	62, 22, 165	BRIAN & SHANNON KOCUR	0075, 0048	SINGLE FAMILY DWELLING

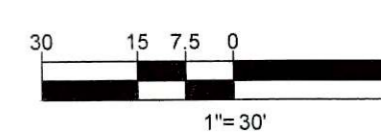
PROPOSED RETAINING WALL HEIGHT CHART

STATION	TOP OF WALL	BOTTOM OF WALL
10+00	431.5	430.5
10+45	425.7	425.5

LIMIT OF DISTURBANCE = 3.03 AC.

OUTFALL STATEMENT
 THE SITE OUTFALL IS A PROPOSED STORM DRAIN SYSTEM THAT IS DESIGN TO CONNECT TO AN EXISTING 27" STORM DRAIN SYSTEM LOCATED 300'-EAST OF THE SITE BETWEEN CUB HILL ROAD AND TIPPERARY ROAD. AN ANALYSIS OF THE EXISTING 27" STORM DRAIN INDICATES A TOTAL DRAINAGE AREA OF 0.88 ACRES, CA OF 5.05, INTENSITY OF 6.70, FLOW OF 33.83 CFS, AND THE VELOCITY OF 6.51 FPS. THE EXISTING SITE OUTFALL IS STABLE, AND THE PROPOSED CONNECTION FROM THE SITE AREA (LOD) WILL NOT IMPACT THE EXISTING 27" STORM DRAIN SYSTEM OR CAUSE ANY ISSUE DOWNSTREAM BASED ON THE ULTIMATE FLOWS IN THAT IS DESIGN TO THE SYSTEM. THE EXISTING 27" STORM DRAIN IS ADEQUATE TO CONVEY THE SITE PEAK DISCHARGE IN A NON-EROSIVE MANNER.

PLAN TO ACCOMPANY HEARING OFFICER'S ORDER
 10/2/17
 PROJECT MANAGER



PROFESSIONAL CERTIFICATION
 I, ROBERT D. CATALONGO, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 3037, EXPIRATION DATE: 4/14/18

SHEET TITLE:
 DEVELOPMENT PLAN
 SHEET NUMBER:
 3 of 5