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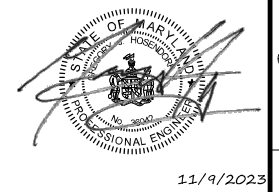
Engineering
 Surveying
 Planning
 Environmental Sciences

NO.	REVISIONS	BY	DATE

MISS UTILITY NOTE
 INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR TWELVE (12) INCHES, WHOEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT
 QUALITY BUILT HOMES, INC.
 5431 KETCH ROAD
 PRINCE FREDERICK, MD 20678
 410-536-6008
 RODNEY GERTZ

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 35942 EXPIRATION DATE: 8/28/2024



LEGEND

- PROPOSED DRAINAGE DIVIDE ————
- PROPOSED TIME OF CONCENTRATION A ———> B
- WETLAND LIMIT — WL —
- WETLAND BUFFER — WB —
- STREAM VALLEY BUFFER — SVB —
- FLOOD PLAIN LIMITS — FP —
- FOREST CONSERVATION PLAN LIMITS — FCPL —



POST DEVELOPMENT DRAINAGE AREA FLOW DATA

STUDY POINT NO.	Q10 (cfs)	V10 (fps)	d10 (ft.)	COMBINED FLOWS
SP1	130.62	0.58	6.90	
SP2	40.99	4.74	2.30	
				SP1+SP2= 171.61
SP3	82.58	4.13	1.76	
SP4	11.08	1.33	0.48	
				SP3+SP4+SP5+SP6= 161.58
SP5	27.36	3.94	1.36	
SP6	40.56	4.89	1.90	
				SP5+SP6= 67.92
SP7	28.23	3.32	1.21	
				SP3+SP4+SP5+SP6+SP7= 189.81
ULTIMATE	361.42	3.73	5.88	

ULTIMATE POST DEVELOPMENT DRAINAGE AREA MAP
SITE DEVELOPMENT PLAN
THE MEADOWS AT TOWN RUN
SECTION II, PHASE 2 - 74 TOWNHOMES
 THIRD (3RD) ELECTION DISTRICT, ST. MARY'S COUNTY, MARYLAND

TAX MAP 32 / 175	ZONING CATEGORY: L-PUDM
WATER & SEWER CATEGORY: TBD	GRID 12
SITE DATUM HORIZONTAL: NAD 83 VERTICAL: NAVD 88	LIBER / FOLIO 2377 / 174
DATE: 11/9/2023 DESIGNED: GJH ENGINEER: GJH, JC CHECKED: GJH CAD STD'S VERSION: V8 / NCS	
SHEET 15 OF 41	
PROJECT NO. 1480-08-00	

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