



TYPICAL MICRO-BIORETENTION PROFILE

SWM PRACTICES SCHEDULE

DŘAINAGE AREA

CRZ AREA SF

12761

13990

7235

7010

7694

7235

6572

8409

17311

840912

22553

6789

16619

6359

15276

7694

9672

6359

TO DIVERSION

DIKE #2=2.2

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SCALE: 1"=100'

SPECIMEN TREE CHART

COMMENTS

AREA	PROPOSED PRACTICES	REQUIRED ESDV	PROVIDED ESDV
LOT 1	M-5, DRYWELLS (3 EACH)	244 C.F.	252 C.F.
LOT 2	M-5, DRYWELLS (3 EACH)	244 C.F.	252 C.F.
LOT 3	M-5, DRYWELLS (3 EACH)	244 C.F.	252 C.F.
LOT 5	M-5, DRYWELLS (3 EACH)	244 C.F.	252 C.F.
LOT 6	M-5, DRYWELLS (3 EACH)	244 C.F.	252 C.F.
DRIVEWAYS	M-6, MICRO-BIORETENTION (MB #1)	1,099 C.F.	1,188 C.F.
TOTAL		2,319 C.F.	2,448 C.F.

ADC MAP: 39, GRID F-4

GENERAL NOTES:

1. SITE ANALYSIS DATA: ADDRESS: 10504A SCAGGSVILLE ROAD, LAUREL MD 20723 LOCATION: TAX MAP: 46 - PARCEL: P/O 277 TRACT 1 & 2 - GRID 12

SCALE: 1"=1000'

ZONING: R-20 **ELECTION DISTRICT: FOURTH** DEED REFERENCE: 3962/387, 8581/224 AREA OF TRACT : 3.94 ACRES

PROPOSED USE: SFD. PROPOSED BUILDABLE LOTS: 6 (LOTS 1-6)

PROPOSED OPEN SPACE LOTS: 1 (OPEN SPACE LOT 7) 2. COORDINATES BASED ON NAD'83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD

COUNTY GEODETIC CONTROL STATIONS NO : 46FA & 47DB

A. STA. No. 46FA N 535,140.866 E 1,346,962.690 EL. 403.650 STA. No. 47DB N 534,316.917 E 1,348,131.250 EL. 398.560

TOPOGRAPHIC INFORMATION IS BASED ON AERIAL TOPOGRAPHIC SURVEY BY WINGS AERIAL MAPPING CO., INC. DATED APRIL 10, 2006.

4. BOUNDARY INFORMATION IS BASED ON FIELD RUN MONUMENTED SURVEY BY MILDENBERG.

BOENDER & ASSOC., INC. DATED APRIL 2019. 5. FOREST STAND DELINEATION AND WETLAND DELINEATION STUDY BY ECO-SCIENCE, INC. DATED:

APRIL. 2019 6. APFO ROAD TEST IS NOT REQUIRED FOR THIS SUBDIVISION. THE HOWARD COUNTY ADEQUATE PUBLIC FACILITIES TRAFFIC REQUIREMENTS DO NOT REQUIRE A TRAFFIC IMPACT ANALYSIS FOR

DEVELOPMENT GENERATING FEWER THAN 5 PEAK HOUR TRIPS. APPROVAL OF THIS ECP DOES NOT CONSTITUTE ANY APPROVAL OF SUBSEQUENT SUBDIVISION OR SITE DEVELOPMENT PLANS. FURTHER COMMENTS WILL BE GENERATED UPON REVIEW OF THE

APPLICABLE DEVELOPMENT PLANS IN ACCORDANCE WITH THE SUBDIVISION AND ZONING REGULATIONS. THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED REVIEW COMMENTS INCLUDING COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN AS THIS PROJECT PROGRESSES THROUGH THE PLAN REVIEW PROCESS.

8. PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. WATER AND SEWER ARE PUBLIC. EXTENSION OF WATER AND SEWER CONTRACT #24-1233-D WILL BE PROVIDED.

9. STORMWATER MANAGEMENT REQUIREMENTS WILL BE SATISFIED VIA ON-SITE NON-STRUCTURAL

10. EXISTING HOUSE ON LOT 4. GARAGE ON LOT 5 TO BE REMOVED.

11. NO CEMETERIES OR HISTORIC STRUCTURES EXIST ON SITE.

12. SLOPES GREATER THAN 15% HAVE BEEN SHOWN ON SITE. 15. THIS PROJECT IS SUBJECT TO ALTERNATIVE COMPLIANCE WP-20-013 OF SECTION 16.120(C)(2), 16.121.(a)(2) AND 16.1205(a)(3) . IT WAS APPROVED BY THE DIRECTOR OF THE DEPARTMENT OF PLANNING AND ZONING, DIRECTOR OF THE DEPARTMENT OF RECREATION AND PARKS AND ADMINISTRATOR OF THE OFFICE OF COMMUNITY SUSTAINABILITY ON April 2, 2020. APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

APPROVAL OF RELIEF OF SECTION 16.120(C)(2) ONLY APPLIES TO LOT 6 (CURRENTLY LOT 5) AND THE EXISTING HOUSE (ON LOT 4), INCLUDE A GENERAL NOTE ON THE FINAL PLAN AND PLAT THAT MANDATES SHOULD THE EXISTING HOUSE BE DEMOLISHED OR DESTROYED, AND A NEW HOUSE BUILT, THE ACCESS THROUGH PARCEL 36 EXPIRES AND THE LOT SHALL GAIN ACCESS TO LESLIE DRIVE VIA THE SHARED DRIVEWAY. INCLUDE THAT A PLAT

THE ENVIRONMENTAL FEATURES MUST BE WHOLLY CONTAINED WITHIN AN OPEN SPACE LOT THAT IS DEDICATED TO THE HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS.

OF REVISION MAY BE NEEDED TO CHANGE THE HOUSE ORIENTATION AND SETBACKS.

ALL REMOVED SPECIMEN TREES SHALL BE REPLACED WITH NATIVE TREES OF 2.5" CALIPER AT A 2:1 RATIO. SHOW THE REPLACEMENT TREES WITH A NOTE REFERENCING WP-20-013 ON FUTURE PLAN SUBMISSIONS. 9 TREES HAVE BEEN APPROVED TO BE REMOVED. HOWEVER DEVELOPER WILL STRIVE TO KEEP AND PRESERVE THE TREES ON LOT 5 BY APPLYING THE MEASURERS SHOWN ON THIS PLAN UNDER "TREE PRESERVATION RECOMMENDATIONS"

ALL FUTURE PLAN SUBMISSIONS SHALL CLEARLY LABEL THE REMAINING SPECIMEN TREES AND INCLUDE A NOTE REQUIRING THE SPECIMEN TREES BE MAINTAINED IN PERPETUITY. FURTHER, SHOULD A SPECIMEN TREE PERISH, REPLACEMENT TREES OF 4" CALIPER OR GREATER SHALL BE PLANTED AT 2:1 AS MITIGATION AND A REDLINE TO THE APPROVED SDP SHALL BE PROCESSED TO REFLECT THE CHANGES.

INCLUDE THE TREE PRESERVATION METHODS OUTLINED IN THE FEBRUARY 16, 2020 RECOMMENDATIONS LETTER FROM T.D. MAYER CONSULTING ON THE SITE DEVELOPMENT

PLANS AND CONSTRUCTION DRAWINGS. 15.6. THE SEQUENCE OF OPERATION SHALL INCLUDE CONTACTING DPZ STAFF TO BE PRESENT TO OBSERVE AND VERIFY ROOT PRUNING, DEEP ROOT FERTILIZATION, AND POST CONSTRUCTION TREE PROTECTIONS

1. AREA OF THE SITE = 3.94 AC \pm

3. AREA OF FLOODPLAIN = $0.00 \text{ AC} \pm$

5. AREA OF STREAM BUFFER = 1.31 AC \pm

7. AREA OF STEEP SLOPES 25% OR GREATER = 0.52 AC±

8. NET BUILDABLE AREA = $3.94-0.52 = 3.42 \text{ AC}\pm$ 9. NO. OF ALLOWABLE LOTS = 3.42 AC X 2 UNITS PER NET AC = 6.8410. A TOTAL OF 6 BUILDABLE LOTS ARE PROPOSED. (lots 1-6)

13. AREA OF ERODABLE SOILS = 3.13 AC \pm

14. LIMIT OF DISTURBANCE AREA = 1.69 AC \pm

16. PROPOSED IMPERVIOUS AREA = 0.41 AC±

SITE ANALYSIS DATA:

AREA OF WETLANDS AND ITS BUFFERS = 0.69 AC ±

4. AREA OF EXISTING FOREST = 3.30 AC \pm

6. AREA OF STEEP SLOPES 15% OR GREATER = 1.03 AC \pm

11. PROPOSED OPEN SPACE LOTS: 1 (OPEN SPACE LOT 7) 12. FIVE NEW SINGLE FAMILY DETACHED DWELLINGS ARE PROPOSED

15. GREEN OPEN AREA (PERVIOUS) = 3.53 AC \pm

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