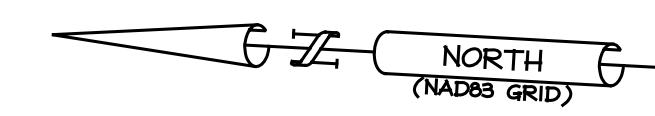


GENERAL NOTES

- 1) WATER CATEGORY - 6 SEWER CATEGORY - 6
- 2) BOUNDARY INFORMATION BASED ON PLAT 19212.
- 3) TWO-FOOT CONTOUR DATA BASED ON AVAILABLE MONTGOMERY COUNTY CONTOUR MAPS AND A FIELD RUN TOPOGRAPHIC SURVEY WITHIN THE AREA OF THE EXISTING GARAGES.
- 4) TOTAL LOT AREA: LOT 9 = 4.62 ACRES
- 5) PROPERTY SHOWN ON TAX MAP GW52, LOT 2, ETCHISON ACRES.
- 6) PROPERTY SHOWN ON N/SGC 200' SHEET 209 NH 09.
- 7) ONSITE SOILS CONSIST OF 2B, SEE SOILS TABLE ON THIS SHEET.
- 8) FLOOD ZONE "X" PER CURRENT F.E.M.A. FIRM MAP.
- 9) LOWER SECTION OF PROPERTY IS LOCATED IN THE HAWKINGS RIVER WATERSHED. UPPER SECTION OF PROPERTY IS LOCATED WITHIN THE UPPER PATUXENT RIVER WATERSHED.
- 10) NO RARE, THREATENED, OR ENDANGERED SPECIES WERE OBSERVED ON THIS PROPERTY.
- 11) TREES WERE MEASURED USING A TREE DIAMETER TAPE.
- 12) NO NATIONAL, STATE, OR COUNTY CHAMPION TREES WERE LOCATED ON SITE.
- 13) NO TREES ONSITE ARE AT LEAST 75% OF THE CURRENT STATE CHAMPION.
- 14) ASIDE FROM A 0.02 ACRE (875 SQ.FT.) SECTION OF FOREST, NO ENVIRONMENTAL FEATURES EXIST ONSITE BASED ON AN ANALYSIS CONDUCTED BY JIM WITHER OF JNM ENGINEERING DATED JANUARY, 2023.
- 15) NO CULTURAL OR HISTORICAL FEATURES EXIST ONSITE BASED ON A SITE INSPECTION CONDUCTED BY JNM ENGINEERING.
- 16) THIS PROPERTY IS NOT LOCATED WITHIN AN SPA OR PMA.
- 17) FIELD WORK AND PLANS PREPARED BY JIM WITHER OF JNM ENGINEERING DATED JANUARY, 2023.
- 18) THIS PROPERTY IS LOCATED IN THE UPPER PATUXENT RIVER WATERSHED (USE III-P) AND THE HAWKINGS RIVER WATERSHED (USE IV-P). SEE INSET, THIS SHEET.
- 19) THIS PROPERTY IS ZONED AR (AGRICULTURAL).



VICINITY MAP
SCALE: 1" = 2000'



LEGEND

- EXISTING FEATURES**
- EXISTING CURB & GUTTER
 - EXISTING CONTOUR
 - EXISTING PROPERTY LINE
 - EXISTING EASEMENT
 - EXISTING WATER
 - EXISTING SEWER
 - EXISTING TREELINE
 - EXISTING STORMDRAIN
 - EXISTING ELECTRIC
 - EXISTING UTILITY POLE
 - EXISTING SEWER MANHOLE
 - EXISTING FIRE HYDRANT
 - EXISTING WATER VALVE
 - EXISTING SPOT ELEVATION
 - EXISTING SIGNIFICANT TREE
 - EXISTING SPECIMEN TREE

SITE SWM COMPUTATIONS

STORMWATER MANAGEMENT
 EXISTING IMPERVIOUS SERVING THE COMMERCIAL LANDSCAPE BUSINESS= 19,166SF (0.44 AC.)
 (ie: gravel driveway, 2 buildings, mulch bins)
 SWM target is 1-year peak management (Cv) for all existing impervious surfaces associated with the commercial landscaping business.
 Volume Requirement = ((2.6' x 0.95 x 0.44) / 12) x 43,560sf = 3,945cf
 - Assume 100% Impervious Area
 - 2.6" is 1-year storm equivalent rainfall depth
 - 0.95 is the Rv number for 100% impervious area
 Volume Provided within SWM Detention Pond = 5,280cf

PROPOSED RUNOFF TABLE (with SWM Device)

PROP.DA1 Discharge	PROP.DA2 Discharge	Pond Discharge	Study Point Discharge (Site)	Storm Event
1.291	0.705	0.157	0.705	1-Year
2.484	1.014	1.004	1.172	2-Year
7.310	2.061	6.045	6.860	10-Year

SOILS DATA TABLE

SYMBOL	SOIL	HYDRIC	PRIME FARMLAND	HIGHLY ERODIBLE	SERPENTINITE
2B	GLENELG SILT LOAM, 38-8%	NO	NO	NO	NO

SHEET INDEX

SHEET#	SHEET TITLE

STORMWATER MANAGEMENT CONCEPT PLAN

MONTGOMERY COUNTY, NRI/FSD PLAN 420231610

LOT 2, PLAT 19212, ETCHISON ACRES
 6412 DAMASCUS ROAD
 TAX MAP GW52, LOT 2, ZONING: AG
 1ST ELECTION DISTRICT, 4.62 ACRES
 GAITHERSBURG, MONTGOMERY COUNTY, MARYLAND

DATE: MARCH, 2023 SCALE: 1"=30' SHEET 1 OF 1

ENVIRONMENTAL DATA TABLE

FEATURE	EX. AREA
AREA OF STEEP SLOPES	0 AC.
LINEAR EXTENT OF STREAMS (ONSITE)	0'
STREAM BUFFER	0 AC.
ENV. BUFFER (AVG. LENGTH & WIDTH)	NONE ONSITE
TOTAL ONSITE FORESTED AREA	0.02 AC.
FORESTED STREAM BUFFER AREA	0 AC.
100 YEAR FLOODPLAIN	0 AC.
PRIORITY AREAS	0 AC.
WETLANDS	0 AC.
FORESTED WETLANDS	0 AC.

TREE LIST

ID	SCIENTIFIC NAME	DBH	CONDITION	NOTES	
1	Silver Maple	Acer saccharinum	32	Good	Multi-Stem, included bark, High probability of windsnap.
2	Pin Oak	Quercus palustris	24	Good	
3	Tulip Poplar	Liriodendron tulipifera	26	Good	
4	Red Maple	Acer rubrum	32	Good	Multi Stem
5	Pin Oak	Quercus palustris	24	Good	

CALL "MISS UTILITY" AT 1-800-257-7777
 36 HOURS BEFORE THE START OF ANY CONSTRUCTION ACTIVITIES
 THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES.

OWNER / DEVELOPER:
 JEFFREY K. JUNEAU
 6412 DAMASCUS ROAD
 GAITHERSBURG, MARYLAND 20882

JNM ENGINEERING, LLC
 CIVIL ENGINEERING, SURVEYING, LAND PLANNING, ENVIRONMENTAL, ARBORICULTURE, LEED PROFESSIONALS
 1105 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
 (301) 514-2808, JNMENGINEERINGLLC.COM

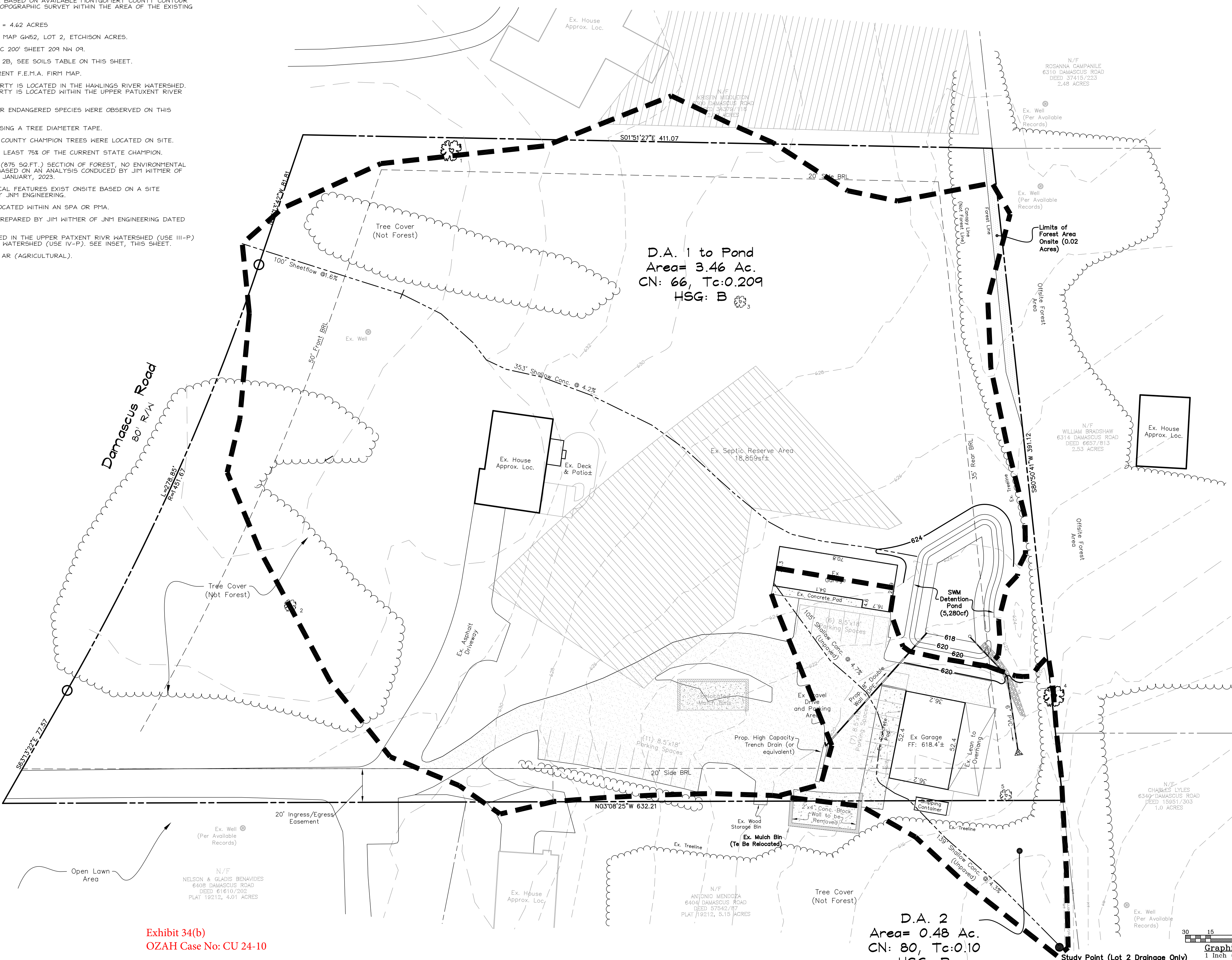


Exhibit 34(b)
 OZAH Case No: CU 24-10

