

LEGEND

- EX. CONTOURS
- EX. CURB
- EX. SIDEWALK
- EX. ELECTRIC
- EX. GAS
- EX. TEL./COMM.
- EX. SEWER
- EX. WATER
- EX. STORM DRAIN
- EX. OVER HEAD WIRE
- EX. TREE LINE
- EX. FENCE
- PROPERTY BOUNDARY
- EX. BUILDING
- LIMIT OF DISTURBANCE
- PROPOSED WATER
- PROPOSED SEWER
- PROPOSED STORM DRAIN
- PROP. BUILDING
- PROP. MICRO BIO-RETENTION FACILITY
- PROPOSED D.A.

ESD_v SUMMARY TABLE

| DEVICE # | TYPE | DRAINAGE AREA (SF) | IMPERVIOUS AREA (SF) | ESD _v PROVIDED (CF) |
|--------------|------|--------------------|----------------------|--------------------------------|
| SWM 1 | M-6 | 13,900 SF | 8,500 SF | 1,803 CF |
| SWM 2 | M-6 | 14,500 SF | 13,400 SF | 2,802 CF |
| SWM 3 | M-6 | 15,500 SF | 13,000 SF | 2,665 CF |
| SWM 4 | M-6 | 20,000 SF | 12,700 SF | 2,625 CF |
| SWM 5 | M-6 | 18,900 SF | 13,600 SF | 2,823 CF |
| TOTAL | | 87,800 SF | 61,200 SF | 12,717 CF |

NOTE: TARGET ESD_v (1.8") = 12,691 CF

SWM CONCEPT SUMMARY TABLE:

ENGINEER CONTACT INFO: GLW, ATTN: WILL NEWMAN
3909 NATIONAL DRIVE, SUITE 250
BURTONSVILLE, MD 20866
TEL: 301-421-4024

GENERAL PROPERTY INFORMATION:

SM#: 289127
TYPE OF CONCEPT: SITE DEVELOPMENT-STORMWATER CONCEPT COMBINED
MDC/IPC PROCESS/NO.: PRELIMINARY PLAN #120230080
PROPERTY ADDRESS: 4115 MUNCASTER MILL ROAD, ROCKVILLE, MD. 20853
PROPERTY LEGAL DESCRIPTION: PARCEL P.915, P.867, P.868, P.805
& A MAJORITY OF PRIVATE RIGHT-OF-WAY

PROPERTY SIZE (AC./SF): 5.00 AC. / 217,854 S.F.
TOTAL CONCEPT AREA: 5.00 AC. / 217,854 S.F.
ZONING: RE-1
WATERSHED AND STREAM CLASS: UPPER ROCK CREEK, IV/IV-P
SPECIAL PROTECTION AREA: N/A
100 YR FLOODPLAIN: N/A
EX. % IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 22%/NEW DEVELOPMENT

SWM SUMMARY:

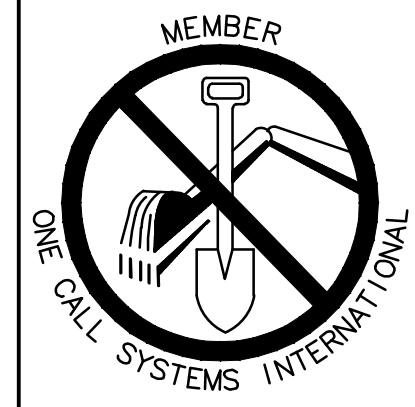
TARGET P₆/PROPOSED P₆: 1.8" / 1.8"
TARGET ESD_v/PROVIDED ESD_v: 12,691 CU. FT. / 12,717 CU. FT.
ESD_v MEASURES: (S) MICRO BIO-RETENTION FACILITIES
STRUCTURAL STORAGE REQUIRED/PROVIDED: N/A
STRUCTURAL MEASURES: N/A
WAIVER REQUEST/QL/QN/BOTH: N/A
PROVIDED ESD_v + STRUCTURAL STORAGE PROVIDED
+ REQUESTED TO BE WAIVED: 12,707 CU. FT.
OTHER INFORMATION: N/A

48 Hours

Before You Dig
Call

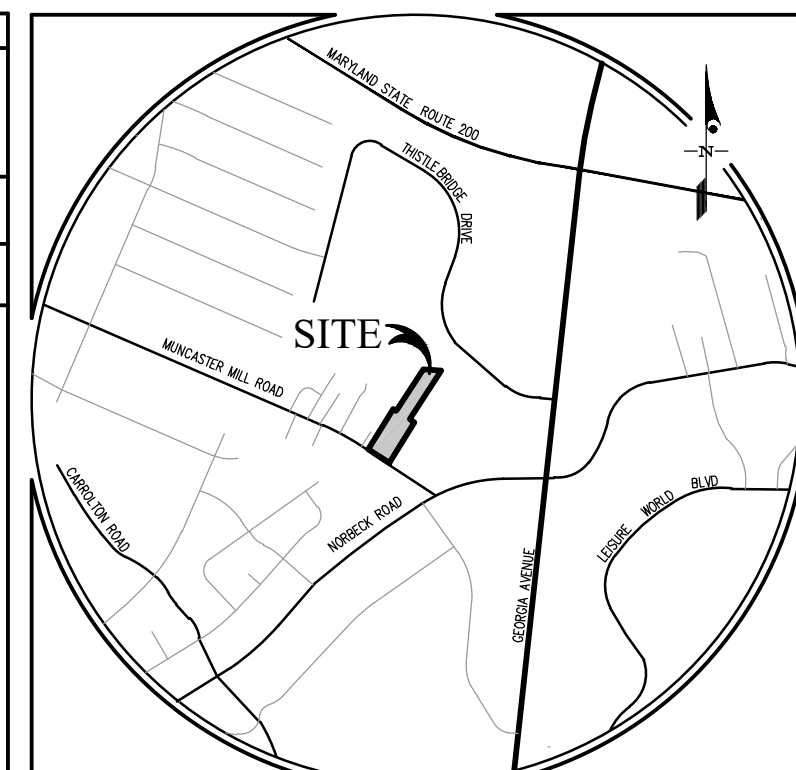
"MISS UTILITY"

Service Protection Center



CALL TOLL FREE

1-800-257-7777



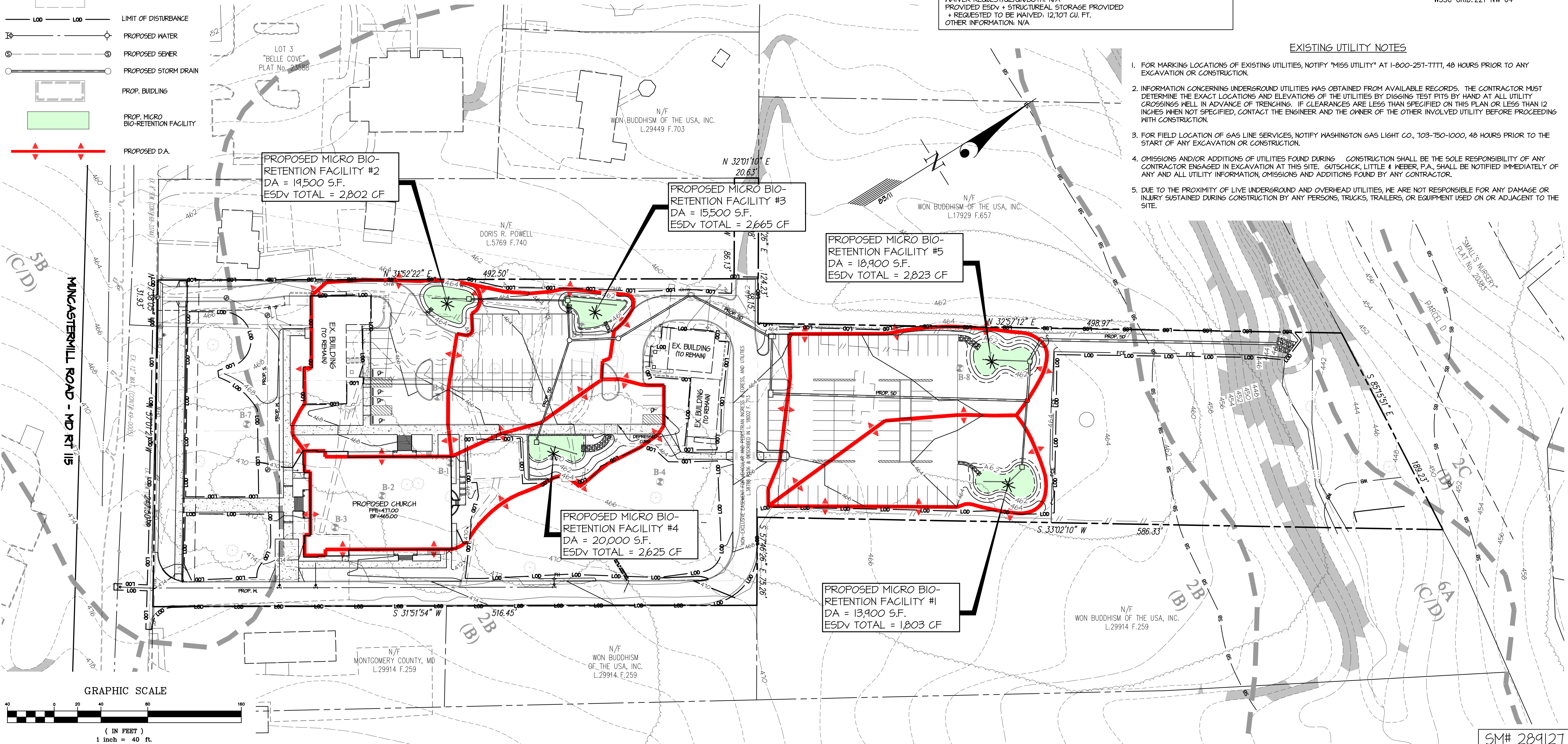
VICINITY MAP

SCALE: 1" = 2,000'

WSSC GRID: 221 NW 04

EXISTING UTILITY NOTES

- FOR MARKING LOCATIONS OF EXISTING UTILITIES, NOTIFY "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THIS PLAN OR LESS THAN 12 INCHES WHEN NOT SPECIFIED, CONTACT THE ENGINEER AND THE OWNER OF THE OTHER INVOLVED UTILITY BEFORE PROCEEDING WITH CONSTRUCTION.
- FOR FIELD LOCATION OF GAS LINE SERVICES, NOTIFY WASHINGTON GAS LIGHT CO., 703-750-1000, 48 HOURS PRIOR TO THE START OF ANY EXCAVATION OR CONSTRUCTION.
- OMISSIONS AND/OR ADDITIONS OF UTILITIES FOUND DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF ANY CONTRACTOR ENGAGED IN EXCAVATION AT THIS SITE. GUTSCHICK, LITTLE & WEBER, P.A., SHALL BE NOTIFIED IMMEDIATELY OF ANY AND ALL UTILITY INFORMATION, OMISSIONS AND ADDITIONS FOUND BY ANY CONTRACTOR.
- DUE TO THE PROXIMITY OF LIVE UNDERGROUND AND OVERHEAD UTILITIES, WE ARE NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY SUSTAINED DURING CONSTRUCTION BY ANY PERSONS, TRUCKS, TRAILERS, OR EQUIPMENT USED ON OR ADJACENT TO THE SITE.



SM# 289127

GLW
PLANNING | ENGINEERING | SURVEYING
3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | (GLW) P.A. COMPANY
PHONE: 301-421-4024 | BAL: 410-880-1820 | DCVA: 301-989-2524 | FAX: 301-421-4188

| DESIGNED BY | DRAWN BY | CHECKED BY | DATE | REVISION | BY | APP'R. |
|-------------|----------|------------|------|----------|----|--------|
| WDN | WDN | TML | | | | |

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS 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. 28914, EXPIRATION DATE: JANUARY 20, 2024.



PREPARED FOR:

Hamere Birhan Kidus Yohannes Metmiq
Ethiopian Orthodox Tewahedo Church
4115 MUNCASTER MILL ROAD
ROCKVILLE, MD. 20853
ATTN: MR. GIZACHEW TIRUNEH

SCALE

1"=40'

DATE

FEB., 2023

ZONING

RE - 1

TAX MAP - GRID

HS - 342

SITE DEVELOPMENT - STORMWATER MANAGEMENT PLAN

HBKY METMIQ ETHIOPIAN ORTHODOX TEWAHEDO CHURCH
4115 MUNCASTER MILL ROAD
PARCELS P. 915, P.867, P.868, P.805
& A MAJORITY OF PRIVATE RIGHT-OF-WAY

G. L. W. FILE NO.

20151

SHEET

1 OF 1

OLNEY ELECTION DISTRICT No. 08

MONTGOMERY COUNTY, MARYLAND