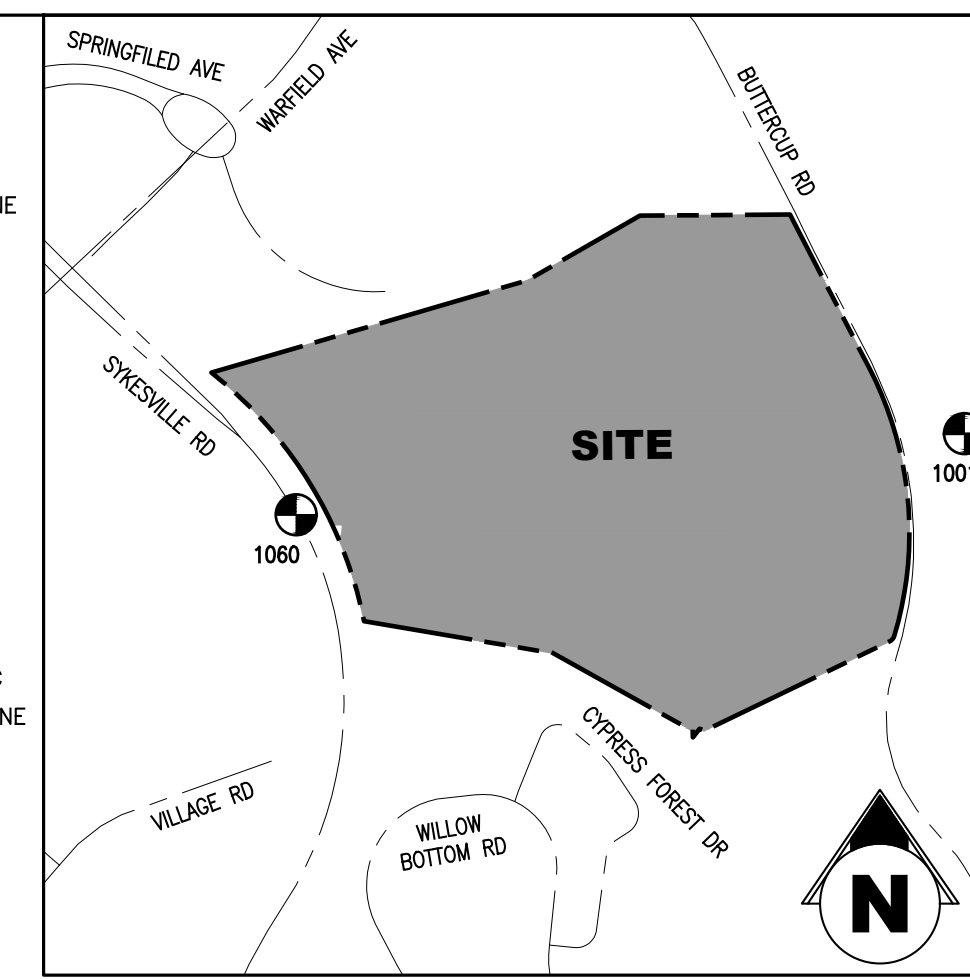


**LEGEND**

- EX. PROPERTY LINE
- EX. ADJACENT PROPERTY LINE
- EX. 1' CONTOUR
- EX. 2' CONTOUR
- EX. 10' CONTOUR
- EX. BUILDING
- EX. CURB
- EX. CONCRETE
- EX. EDGE OF PAVEMENT
- EX. PAVEMENT STRIPING
- EX. STORM DRAIN
- EX. WATER
- EX. SANITARY LINE
- EX. UNDERGROUND ELECTRIC
- EX. UNDERGROUND TELEPHONE
- EX. EASEMENT
- EX. METAL FENCE
- EX. WOOD FENCE
- EX. WOODS
- EX. ZONING LINE
- EX. TREE
- PR. BUILDING
- PR. CURB
- PR. TREELINE
- PR. CONCRETE
- PR. STORM DRAIN
- PR. 1' CONTOUR
- PR. 2' CONTOUR
- PR. 10' CONTOUR
- PR. MAJOR TREE
- PR. FLOWERING TREE
- PR. EVERGREEN TREE



**PLANTING UNIT CHART (DOES NOT INCLUDE SWM PLANTING)**

Carroll County Planting Unit Condition	PU Credit Requirement Rate	Quantity	Required Planting Units (PU)
<b>Condition B Parking Lots/Parking Structures</b>			
Parking Adjacent to Public ROW (10' Wide Min. Class B Screen)	1 PU/ 25 LF	550	22.0
Parking Lot Interior	1 PU/ 12 Parking Spaces	56	4.7
<b>Other-B. Stormwater Management Facilities</b>			
Non-Residential Pond Screening (10' Wide Min. Class A Screen)	1 PU/ 20 LF	100	5.0
<b>Total Required Planting Units (PU)</b>			<b>31.7</b>

**\*INTERIOR LANDSCAPING REQUIREMENT**  
 A. Reserve 10% of the parking lot area for interior landscaping.  
 REQUIRED: (21,900 S.F. X .10) = 0.05 ACRES (2,190 S.F.)  
 PROVIDED: 0.06 ACRES (2,499 S.F.)

Carroll County Proposed Planting Units	PU Credit Requirement Rate	Quantity	Provided Planting Units (PU)
Major Trees Provided	1 PU/ Tree	18	18.0
Minor Trees Provided	1 PU/ 2 Trees	3	1.5
Evergreen Trees	1 PU/ 2 Trees	19	9.5
Shrubs	1 PU/ 5 Shrubs	69	13.8
<b>Total Provided Planting Units (PU)</b>			<b>42.8</b>

**SCHEMATIC LANDSCAPE PLAN NOTES**

- PLANTING UNIT (PU) NOTES:**
- ONE PU =
    - ONE MAJOR DECIDUOUS TREE (MINIMUM 2" CALIPER), OR
    - TWO MINOR DECIDUOUS TREES (MINIMUM 1" CALIPER), OR
    - TWO EVERGREENS (MINIMUM 5' HEIGHT), OR
    - FIVE SHRUBS (MINIMUM 24" HEIGHT), OR
    - 250 SQUARE FEET OF GROUNDCOVER, PERENNIAL FLOWERS AND/OR ORNAMENTAL GRASSES.
  - CLASS "A" SCREENING = ONE PU PER 20 LINEAL FEET OF THE AREA TO BE SCREENED.
  - CLASS "B" SCREENING = ONE PU PER 25 LINEAL FEET OF THE AREA TO BE SCREENED.
- LANDSCAPE NOTES:**
- ALL PLANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH HORTUS THIRD, BY L. H. BAILEY, 1976 OR ITS LATEST EDITION.
  - ALL NURSERY STOCK SHALL CONFORM TO AMERICAN ASSOCIATION OF NURSESMEN, INC. STANDARDS AS DESCRIBED IN AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED ANSI Z60.1-1980 OR ITS LATEST EDITION.
  - LANDSCAPE SPECIFICATIONS SHALL CONFORM TO THE CURRENT LANDSCAPE SPECIFICATIONS GUIDELINES BY LANDSCAPE CONTRACTORS ASSOCIATION, MD-DC-VA. ALL NURSERY STOCK SHALL BE PLANTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE GUIDELINES WITH THE FOLLOWING EXCEPTIONS:
    - IF THE SOIL IS WET OR COMPACTED, ALL CONTAINERIZED AND BALLED NURSERY STOCK SHOULD BE PLANTED SUCH THAT THE TOP ONE-THIRD OF THE ROOT BALL IS ABOVE THE EXISTING GRADE. THIS DEPARTURE IN THE ESTABLISHED PROCEDURES HAS BEEN DOCUMENTED TO INCREASE THE RATE OF TRANSPLANT SUCCESS IN THESE TYPES OF SOILS.
    - WIRE AND NONDEGRADABLE MATERIALS SHOULD BE REMOVED AS FAR AS PRACTICAL BEFORE BACKFILLING TO PREVENT ROOT GIRDLING.
- GENERAL NOTES:**
- SEE SHEET 1 FOR ALL ENVIRONMENTAL & SITE DATA.
  - SEE SHEET 2 FOR EXISTING CONDITIONS PLAN, LEGEND AND SOILS CHART.



**GENERAL NOTE:**  
 THE CORRECTNESS OR COMPLETENESS OF EXISTING INFORMATION SHOWN ON THE DRAWINGS IS NOT WARRANTED OR GUARANTEED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES AND UNDERGROUND FACILITIES, BY TEST FITS OR OTHER METHODS APPROVED BY THE OWNER'S REPRESENTATIVE, AS REQUIRED TO VERIFY EXACT LOCATIONS AND DEPTHS WITHIN THE LIMIT OF DISTURBANCE. ALL DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND THAT VERIFIED IN THE FIELD SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.



**PROTECT YOURSELF. USE 811.**  
 PROTECT YOURSELF. USE 811.  
 THIS DRAWING DOES NOT INCLUDE NECESSARY COMMENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPROPRIATE.

**DATUM**  
 DESIGN & DRAWING BASED ON MARYLAND COORDINATE SYSTEM (MCS)  
 HORIZONTAL: NAD '83 (1991)  
 VERTICAL: NAVD '88

**ENGINEER**

JARED BARNHART P.E.  
 1220-B EAST JOPPA ROAD, SUITE 400K  
 TOWSON, MD 21286  
 PHONE: 410-821-1690  
 JBARNHART@MRAGTA.COM

**OWNER / DEVELOPER**

NORTHROP GRUMMAN CORPORATION  
 CONTACT: LARRY HAINOS, FACILITIES MANAGER  
 7301 SYKESVILLE ROAD  
 SYKESVILLE, MARYLAND 21784  
 PHONE: 410-552-2286  
 EMAIL: LARRY.HAINOS@NGC.COM

CARROLL COUNTY QUALIFIED LANDSCAPE DESIGNER

NAME: ZACH BROWN  
 SIGNATURE: [Signature]

DATE: 10/19/2024  
 I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY A QUALIFIED LANDSCAPE DESIGNER APPROVED BY CARROLL COUNTY GOVERNMENT UNDER SECTION 156.200(b).



MORRIS & RITCHIE ASSOCIATES, INC.  
 1220-B East Joppa Road  
 Suite 400K  
 Towson, MD 21286  
 410-821-1690

CONSULTANT MRA Project #: 20804x04

CARROLL COUNTY PREVIOUS PROJECT #S-04-007  
 CARROLL COUNTY PROJECT #S-21-0023

REVISION	DATE	DESCRIPTION	BY	CHK'D	APPR'D
TITLE	APPROVED	DATE	PROJECT TITLE	DRAWING TITLE	
SAFETY			NORTHROP GRUMMAN, 1ST AMENDED - SYKESVILLE PARKING EXPANDED	PRELIMINARY SITE DEVELOPMENT PLAN LANDSCAPE PLAN	
FIRE MARSHAL		DATE	10/17/2024	SCALE AS SHOWN	
SECURITY		DEPARTMENT	F.P. & E.	PROJECT NUMBER	
SPACE ADMIN		DRAWN BY	ZWB	NORTHROP GRUMMAN	
AREA MGR		DESIGNED BY	ZWB	Facilities Engineering & Planning SYKESVILLE, MD, USA	
		PROJECT ENGINEER	ZWB	DRAWING NUMBER	
		RELEASED BY	L. HAINOS	SHEET 27 OF 30	