

- NOTES**
- COORDINATES, BEARINGS AND DISTANCES ARE REFERRED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM (NAD 83/2011) VIA GPS AND TIED TO THE FOLLOWING LEICA SMART NET NGS CORRS REFERENCE STATION NETWORK STATIONS:
 MDSK-388 N 677,226.31 E 1,410,586.95
 LOYR-372 N 694,448.66 E 1,597,774.46
 - SITE BENCHMARKS:**
 100 N 653,390.22 E 1,464,600.02 ELEV 388.96
 101 N 653,206.48 E 1,464,422.43 ELEV 392.51

LEGEND

--- 478 ---	Existing Minor Contour
--- 600 ---	Existing Major Contour
---	Existing Edge of Paving
-NeB-	Soil Line
---	Existing Storm Drain and Inlet
---	Existing Overhead Electric
---	Existing Sign
---	Existing Electric Structure
---	Existing BGE Pole & Guy Wire
---	Existing Trees and Shrubs
---	Existing Building
---	Tract Boundary
---	Utility Easement Line
---	Proposed Grades
---	Proposed Paving
---	Proposed Curb & Gutter
---	Proposed Storm Drain
---	Limit of Disturbance
---	Forest/Stream Buffer
---	Wetlands
---	Critical Root Zone

OWNER / DEVELOPER
 NEPALI AMERICAN CULTURAL CENTER OF BALTIMORE
 12231 HARFORD ROAD
 GLEN ARM, MD 21057-9329
 CONTACT INFO: KRIS GHIMIRE
 PHONE 410-497-5235

CALL "MISS UTILITY" AT
 1-800-257-7777
 72 Hours Before Start of Construction

DATA SOURCES:

Field run topography surveyed by Century Engineering, Inc. dated June 2020.

Additional topography and planimetrics from Baltimore County GIS.

DATE	BY	REVISIONS
12/12/22	HAL	Specimen Tree 15 added to plan
10/03/23	HAL	FC Mitigation Planting Notes/Details Added
12/28/23	HAL	Planting Area added to FCE, FCE #2 Area revised

CENTURY ENGINEERING
 A Kleinfelder Company
 10710 Gilroy Road, Hunt Valley, MD 21031
 Phone: 443.589.2400 www.centuryeng.com

FOREST CONSERVATION PLAN
 Nepali American Cultural Center of Baltimore

#12231Harford Road
 Glen Arm MD 21057-9329
 Election District: 11 Councilmanic District: 5
 Map: 0054 Grid: 0015 Parcel: 0375

MD DNR Qualified Professional
 USACE Wetland Delimitation
 Certification # WDC7930203201004
 Terry A. Robinson
 Terry A. Robinson

Eco-Science Professionals, Inc.
 Consulting Geologists
 P.O. Box 294 Glen Arm, Maryland 21077 Telephone (410) 832-2490 Fax (410) 832-2488

DRAWN BY: M.C.A.	REVIEW BY:
DESIGN BY: G.P.T.	REVIEW DATE:
SCALE: AS SHOWN	DRAWING: 1 of 1

PROJECT No.: 17267A

I:\2017\Facilities\17267A\CD\Drawings\17267A.dwg (FCP) Forest Conservation Plan.dwg Nov 09, 2022 11:53am tslein

- Sequence of Construction**
- Sediment control shall be installed along limit of disturbance. Protective signage shall be installed along the limits of forest buffer and forest conservation easements. Pre-construction meeting shall be held with DEPS EIR Inspector to ensure that devices have been properly installed.
 - Selected parts of the site shall be cleared and graded, SWM devices, storm drain inlet pipe, and SWM swale installed. Entrance road shall be relocated and parking lots constructed. All disturbed areas shall be stabilized in accordance with sediment control plan.
 - Sediment control shall be removed once site is stabilized to satisfaction of DEPS EIR Inspector.
 - Post-construction meeting shall be held with DEPS Inspector to ensure compliance with FCP and site plan.

Specimen Trees

Key	Species Name	Size	CRZ	Cond.	Proposed Action
1	Tulip poplar	36" 57'	F.good	Removed	
2	Tulip poplar	32" 48'	F.good	Removed	
3	Tulip poplar	32" 48'	F.good	Removed	
4	Tulip poplar	31" 46.5'	Fair	Removed	
5	Tulip poplar	42" 63'	F.good	Removed	
6	TULIP POPLAR	35" 52.5'	Fair	Removed	
7	Tulip poplar	40" 60'	V.poor	Removed	
8	Tulip poplar	44" 66'	V.poor	Removed	
9	NORWAY SPRUCE	39" 58.5'	F.good	Removed	
10	Tulip poplar	38" 54'	Fair	Removed	
11	TULIP POPLAR	43" 64.5'	F.good	Removed	
12	TULIP POPLAR	33" 49.5'	Poor	Removed	
13	Tulip poplar	42" 63'	Poor	Removed	
14	Tulip poplar	33" 49.5'	V.poor	Removed	
15	Tulip poplar	36" 54'	F.good	Removed	
16*	Tulip poplar	31" 46.5'	V.poor	CRZ impacts	
17*	Tulip poplar	32" 48'	V.poor	CRZ impacts	
18*	Tulip poplar	36" 52.5'	Poor	CRZ impacts	
19*	Tulip poplar	38" 57'	Poor	CRZ impacts	
20*	BLACK WALNUT	38" 54'	Poor	Removed	
21	NORWAY SPRUCE	37" 55.5'	Good	Retained w/CRZ impacts	
22	NORWAY SPRUCE	37" 55.5'	Good	Removed	
23	NORWAY SPRUCE	43" 64.5'	Good	Retained w/CRZ impacts	
24	NORWAY SPRUCE	44" 66'	V.poor	Removed	

FOREST CONSERVATION WORKSHEET
 (Full Site)
 Project: Nepali Cultural Center of Baltimore Parking Improvements
 Date: November 7, 2022

NET TRACT AREA	Acres
A. Total tract area	30.9
B. 100 Year Floodplain	0.0
C. Property to Remain in Agriculture	0.0
D. Net Tract Area	30.9

LAND USE CATEGORY: RC 2

E. Conservation Threshold (50%) x D	15.5
F. Afforestation Threshold (20%) x D	6.2

EXISTING FOREST COVER:

G. Existing NTA forest cover (excluding floodplain)	18.7
H. Area of forest above conservation threshold (G-E)	1.2
I. Area of forest above afforestation threshold (G-F)	10.5

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation (H x 0.2)	0.2
K. Clearing permitted w/out mitigation Break-Even Point	16.7

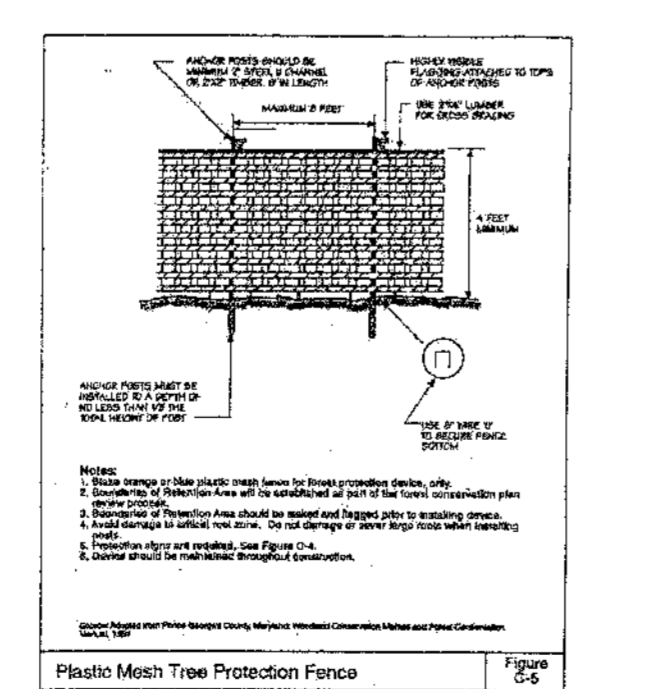
PROPOSED FOREST CLEARING

L. Total area of forest to be Cleared or Retained Outside FCE	0.0
M. Forest Clearing Above Conservation Threshold	0.0
N. Forest Clearing Below Conservation Threshold	0.0
O. Total area of forest to be Retained in FCE	16.7

*Forest retention exceeds BEP, no reforestation required

PLANTING REQUIREMENTS

P. Reforestation for clearing above Conservation Threshold (M x 0.25)	NA
Q. Reforestation for clearing below Conservation Threshold (N x 2)	NA
R. Credit for retention above conservation threshold (O - E)	NA
S. Total reforestation required	0.0
T. Total reforestation required	0.0
U. Total reforestation and afforestation required	0.0



- FOREST RETENTION AND REFORESTATION NOTE**
- The retention of all 16.7 acres of forest in a forest conservation easement exceeds the break-even point therefore no forest conservation reforestation is required.
- FOREST SPECIMEN TREE NOTE**
- No forest is present within the Limit of Disturbance. Twenty-four (24) specimen trees are present within or proximate to the Limit of Disturbance. Conservation of the project will result in impacts to twenty-two (22) of these trees.
- SIMPLIFIED FOREST STAND DELINEATION NOTE**
- A Simplified Forest Stand Delineation for the project area has been approved by Baltimore County DEPS.
- FOREST CONSERVATION APPLICABILITY NOTE**
- A Forest Conservation Special Authorization application is being submitted to Baltimore County requesting that variance to impact twenty-two (22) specimen trees.

SITE AREA SUMMARY
 Gross Tract Area: 30.9 acres
 Net Tract Area (LDD): 30.9 acres

BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY
FOREST CONSERVATION PLAN APPROVAL
 Approved by: *[Signature]* Date: 01/09/2024
 Environmental Impact Review, DNR approved qualified professional
 Forest Conservation Plan # FC-2023-050

- STANDARD NON-DISTURBANCE NOTES**
- Any Forest Conservation Easement or Forest Buffer and Forest Conservation Easement shown herein is subject to protective covenants which may be found in the Land Records of Baltimore County and which restrict the disturbance and use of these areas.
 - There shall be no clearing, grading, construction or disturbance of vegetation in the Forest Conservation Easement or Forest Buffer and Forest Conservation Easement except as permitted by Baltimore County Department of Environmental Protection and Sustainability.
 - No stockpiles, parking areas, equipment cleaning areas, etc. shall occur within areas designated as Forest Conservation Easement or Forest Buffer and Forest Conservation Easement.
 - Permanent signage shall be placed 100' apart or as shown along the boundaries of all areas included in the Forest Conservation Easement or Forest Buffer and Forest Conservation Easement.
- BALTIMORE COUNTY ACCESS EASEMENT NOTE**
- Access to all forest conservation easements and forest buffer and forest conservation easements will be via 10' access easements from Harford Road as shown on the plan.

FCP LEGEND

---	FOREST CONSERVATION EASEMENT
---	TEMPORARY PROTECTIVE FENCING/OD
---	PERMANENT PROTECTIVE SIGNAGE
●	SPECIMEN TREE TO BE RETAINED
●	SPECIMEN TREE TO BE REMOVED (BAL CO. REGULATED)
●	SPECIMEN TREE TO BE REMOVED (MDSHA REGULATED)

FOREST CONSERVATION MITIGATION PLANTING AREA

MD DNR Qualified Professional
 USACE Wetland Delimitation
 Certification # WDC7930203201004
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MARYLAND COORDINATE SYSTEM MCS