

Trail Station Number (FCE Abandonment Area)	FCE Area within Environmental Areas TBR	FCE Area outside of Environmental Areas TBR	Unit
T1-1	2,007	0	sf
T1-2 & 8	1,143	0	sf
T1-2A	392	0	sf
T1-3 & T1-3A	2,467	0	sf
T1-3B	0	0	sf
T1-3BC	0	180	sf
T1-4	0	1,155	sf
T1-5	1,600	0	sf
T1-6	1,392	0	sf
T1-7	2,608	0	sf
T1-9	0	1,340	sf
T1-9A	476	0	sf
T1-10	1,660	0	sf
T1-11	0	2,426	sf
T1-12	0	1,918	sf
T1-13	0	1,155	sf
T1-14	0	2,546	sf
T2-1	0	1,550	sf
T2-1A	0	324	sf
T2-2	2,118	0	sf
T2-3	434	0	sf
T2-4	930	0	sf
T2-5	1,190	0	sf
T2-6	2,085	0	sf
T2-7	470	0	sf
T2-7A	972	0	sf
T2-7B	324	0	sf
T2-8	1,315	0	sf
T2-9 & 10	4,556	0	sf
T2-11	0	1,200	sf
T2-11A	0	750	sf
T2-11B	0	324	sf
T2-12	0	1,336	sf
T2-13	0	800	sf
Roads	16,998	0	sf
Wells	917	0	sf
T3-1	200	0	sf
T3-2	200	0	sf
T3-3	576	0	sf
T3-4	0	0	sf
T3-5	0	0	sf
T3-6	0	0	sf
T3-7	0	0	sf
T3-8	0	0	sf
T3-9	0	0	sf
T3-10	0	0	sf
T3-11	0	300	sf
T3-12	0	300	sf
T3-13	0	300	sf
T3-14	0	576	sf
T3-15	0	300	sf
T3-16	0	300	sf
T3-17	0	576	sf
T3-18	300	0	sf
T3-19	300	0	sf
T3-20	300	0	sf
T3-21	300	0	sf
T3-22	300	0	sf
T3-23	300	0	sf
T3-24	300	0	sf
T3-24A	324	0	sf
T3-25	0	300	sf
T3-26	0	300	sf
T3-27	0	576	sf
T3-28	0	300	sf
T3-29	0	300	sf
T3-30	0	300	sf
T3-31	0	300	sf
T3-32	0	300	sf
T4-1	300	0	sf
T4-2	576	0	sf
T4-3	300	0	sf
T4-4	300	0	sf
T4-5	300	0	sf
T4-6	300	0	sf
T4-7	300	0	sf
T4-8	576	0	sf
Prop. Christmas Trails #3 & 4			
(8 wide x 1,693 LF inside of Env. Buffers)	13,544		
(8 wide x 1,362 LF outside of Env. Buffers)		10,896	sf
FCE Area Abandoned	1.52	0.76 Acres	
2:1 penalty		1.52 Acres	
4:1 penalty	6.08	Acres	
TOTAL			
Reforestation Area Required	7.60	Acres	

## FOREST CONSERVATION WORKSHEET

### NET TRACT AREA:

A. Total tract area ...	118.18
B. Land dedication acres (parks, county facility, etc.) ...	0.00
C. Land dedication for roads or utilities (not being constructed by this plan) ...	0.00
D. Area to remain in commercial agricultural production/use ...	0.00
E. Other deductions (specify) ...	
F. Net Tract Area ...	118.18

### LAND USE CATEGORY: (from Trees Technical Manual)

Input the number "1" under the appropriate land use, limit to only one entry.

	ARA	MDR	IDA	HDR	MPD	CIA
	1	0	0	0	0	0

G. Afforestation Threshold ...	20%	x F =	23.64
H. Conservation Threshold ...	50%	x F =	59.09

### EXISTING FOREST COVER:

I. Existing forest cover ...	27.64
J. Area of forest above afforestation threshold ...	4.00
K. Area of forest above conservation threshold ...	0.00

### BREAK EVEN POINT:

L. Forest retention above threshold with no mitigation ...	0.00
M. Clearing permitted without mitigation ...	0.00

### PROPOSED FOREST CLEARING:

N. Total area of forest to be cleared ...	0.00
O. Total area of forest to be retained ...	27.64

### PLANTING REQUIREMENTS:

P. Reforestation for clearing above conservation threshold ...	0.00
Q. Reforestation for clearing below conservation threshold ...	0.00
R. Credit for retention above conservation threshold ...	0.00
S. Total reforestation required ...	0.00
T. Total afforestation required ...	0.00
U. Credit for landscaping (may not exceed 20% of "S") ...	0.00
V. Total reforestation and afforestation required ...	0.00

### REFORESTATION CALCULATIONS

R: Total Mitigation required for removal of the Forest Conservation Easement outside of environmental buffers [2:1 ratio]... (0.76 Ac. x 2) = 1.52  
X: Total Mitigation required for removal of the Forest Conservation Easement within environmental buffers [4:1 ratio]... (1.52 Ac. x 4) = 6.08  
Z: Total afforestation required on-site... 7.60  
Y: Total afforestation provided on-site... 7.60

### Forest Conservation Data Table

	Number of Acres
Net Tract	118.18
Remaining in Agricultural Use	0.00
Road & Utility ROWs	0.00
Total Existing Forest	27.64
Forest Retention	25.20
Forest Cleared	0.00

Land Use & Thresholds	ARA	MDR	IDA	HDR	MPD	CIA
Conservation Threshold	20					
Afforestation Threshold	50					

Total Channel Length (ft.)	Average Buffer Width (ft.)
Stream(s)	1,200
	125

Acres of Forest In	Retained	Cleared	Planted
Wetlands	7.54	0.00	1.13
100-Year Floodplain	9.29	0.00	0.30
Stream Buffer	14.12	0.00	2.70
Priority Areas	14.12	0.00	2.70

1 Only Road or Utility ROWs not to be improved as part of development application.  
2 From Section 22A-121(1) of the Forest Conservation Law.  
3 Measured from stream edge to buffer edge.

CREDITED RETENTION AREAS	
1-A	23.39
1-B	0.63
2-A	1.07
	25.09

REFORESTATION AREAS	
LOWLAND PLANTING AREAS	1-D 2.68

UPLAND PLANTING AREAS	
1-E	0.68
1-F	0.07
1-G	4.17
	7.60

NATURAL REGENERATION AREA	
1-H	0.91
1-I	0.81
	1.72

### MAPPED SOIL TYPES

MAP UNIT	DESCRIPTION	HIGHLY ERODIBLE	HYDRIC	FRIME FARMLAND	HYDROLOGICAL GROUP	DRAINAGE CLASS	K-FACTOR
1C	Galla Silt Loom 8-15% slopes	NO	NO	YES	B	Well drained	0.43
2B	Glenelg Silt Loom 3-8% slopes	NO	NO	YES	B	Well drained	0.31
2C	Glenelg Silt Loom 8-15% slopes	NO	NO	YES	B	Well drained	0.31
5A	Glenelg Silt Loom 0-3% slopes	NO	NO	NO	C	Moderately Well drained	0.31
6A	Boile Silt Loom 0-3% slopes	NO	YES	NO	C/D	Poorly drained	0.31
17C	Occoquan loam 8-15% slopes	NO	NO	YES	B	Well drained	0.31
116C	Blacktown Channery silt loam 8-15% slopes	NO	NO	NO	D	Well drained	0.44
116D	Blacktown channery silt loam 8-15% slopes, very rocky	NO	NO	NO	D	Well drained	0.44

ACCORDING TO USDA - WEB SOIL SURVEY  
Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture.  
Web Soil Survey. Available online at <http://websoilsurvey.sc.ars.usda.gov/> accessed Dec. 31, 2020.

### SIGNIFICANT AND SPECIMEN TREE LIST

No.	COMMON NAME	SPECIES NAME	DBH	CONDITION	COMMENTS
1.	Tulip Poplar	Liriodendron tulipifera	34"	Good	
2.	Tulip Poplar	Liriodendron tulipifera	25"	Fair	
3.	White Oak	Quercus alba	25"	Good	
4.	Tulip Poplar	Liriodendron tulipifera	24.25"	Fair	No established crown, vines
5.	Tulip Poplar	Liriodendron tulipifera	35"	Good	
6.	Red Oak	Quercus rubra	24.5"	Fair	
7.	Red Maple	Acer rubrum	21"	Good	
8.	Tulip Poplar	Liriodendron tulipifera	34"	Good	
9.	Willow Oak	Quercus phellos	28"	Good	
10.	Black Walnut	Juglans nigra	32"	Good	
11.	Chestnut Oak	Quercus prinus	34.5"	Good	
12.	White Oak	Quercus alba	28"	Fair	Trunk damage
13.	Tulip Poplar	Liriodendron tulipifera	36"	Good	
14.	Red Oak	Quercus rubra	28.5"	Good	
15.	Tulip Poplar	Liriodendron tulipifera	48"	Fair	Split trunk
16.	Chestnut Oak	Quercus prinus	26.5"	Good	
17.	Tulip Poplar	Liriodendron tulipifera	25"	Good	
18.	Red Oak	Quercus rubra	26.5"	Good	
19.	Tulip Poplar	Liriodendron tulipifera	21.75"	Fair	Poor branching
20.	Tulip Poplar	Liriodendron tulipifera	25.5"	Good	
21.	Tulip Poplar	Liriodendron tulipifera	25.5"	Good	
22.	Tulip Poplar	Liriodendron tulipifera	24"	Good	
23.	Tulip Poplar	Liriodendron tulipifera	24"	Good	
24.	Tulip Poplar	Liriodendron tulipifera	24.5"	Good	
25.	Tulip Poplar	Liriodendron tulipifera	24.5"	Good	
26.	Tulip Poplar	Liriodendron tulipifera	24"	Good	
27.	Tulip Poplar	Liriodendron tulipifera	26"	Good	
28.	Tulip Poplar	Liriodendron tulipifera	24.5"	Fair	Heavy vine growth
29.	Tulip Poplar	Liriodendron tulipifera	36"	Fair	Heavy vine growth
30.	Tulip Poplar	Liriodendron tulipifera	36"	Fair	Heavy vine growth
31.	Tulip Poplar	Liriodendron tulipifera	36"	Fair	Heavy vine growth
32.	Tulip Poplar	Liriodendron tulipifera	36"	Fair	Heavy vine growth
33.	Red Maple	Acer rubrum	37.5"	Fair	Dead leader at base
34.	Tulip Poplar	Liriodendron tulipifera	30"	Good	Heavy vine growth
35.	Tulip Poplar	Liriodendron tulipifera	24"	Fair	Dead branches
36.	Tulip Poplar	Liriodendron tulipifera	40"	Fair	Split trunk, Heavy vine growth
37.	Tulip Poplar	Liriodendron tulipifera	36"	Fair	Heavy vine growth, Crown dieback
38.	Tulip Poplar	Liriodendron tulipifera	21"	Fair	Heavy vine growth, Crown dieback
39.	Tulip Poplar	Liriodendron tulipifera	25.5"	Good	Heavy vine growth
40.	Tulip Poplar	Liriodendron tulipifera	34.5"	Good	Split Trunk, Heavy vine growth
41.	Tulip Poplar	Liriodendron tulipifera	24"	Good	Heavy vine growth
42.	Tulip Poplar	Liriodendron tulipifera	21.25"	Good	
43.	Tulip Poplar	Liriodendron tulipifera	28.5"	Fair	Broken Limbs
44.	Tulip Poplar	Liriodendron tulipifera	25"	Good	
45.	Tulip Poplar	Liriodendron tulipifera	24"	Poor	Severe decay at trunk base
46.	Tulip Poplar	Liriodendron tulipifera	24.5"	Fair	Trunk damage at base
47.	Chestnut Oak	Quercus prinus	32.5"	Good	
48.	Tulip Poplar	Liriodendron tulipifera	24"	Good	
49.	Green Ash	Fraxinus pennsylvanica	26"	Poor	Split trunk, one broken, Heavy vine growth
50.	Tulip Poplar	Liriodendron tulipifera	35.5"	Fair	broken branches, Heavy vine growth
51.	Red Maple	Acer rubrum	25"	Fair	Split trunk, Heavy vine growth

### Specimen Trees

NOTE: There are no Champion Trees on or adjacent to the Subject Property. There are no trees that are 75% or larger of the Champion Tree size for their species on the Subject Property.

### GENERAL NOTES

- Applicant/ Owner: Olney Boys & Girls Club, Inc.  
(Site Address) 4501 Olney-Laytonville Rd  
Olney, MD 20852
- Tax ID: Rural N420 (Lot 5) 08-03087571  
L: 17404 F: 622
- Watershed: Haulings River  
12-digit Hydrologic Unit Code: 02191010444  
Watershed Use Class: IV-F
- Boundary Survey by: GLN December 2020  
Topography by: MNCPPC GIS 2-foot data  
GLN December 2020
- NR/PSD by: GLN  
Plan No. 42021480  
Approved 3/9/2021
- Wetland/ Stream Delineation: Digitized from Forest Conservation  
Plan No. 5-2385 by Petra Engineering,  
Dated 5/12/2000
- Water and Sewer Service Category:  
Existing:  
Water Category: W-3  
Sewer Category: S-3
- Utility Companies:  
Gas: Washington Gas  
Electric: PEPSCO  
Water & Sewer: PEPSCO  
Telephone/ Internet Cable: Verizon, Comcast
- The 100 year Floodplain has been Digitized from Record Plat No. 15584, which is based on information shown on Patuxent River Watershed-Reddy branch sheet 32 of 51 dated 1986 published by the Maryland National Capital Park and Planning Commission.
- There are no known Rare, Threatened or Endangered Species on site.
- The property is listed on the Locational Atlas and Index of Historic Sites and Identified as N-25-51
- There are no known County Champion Trees located on or Adjacent to the Site as per the 2014-2020 Publication of Champion Trees in Montgomery County, Maryland.
- Trees Here Field Surveyed and measured with a D-Tape in the field on December 22, 2020 By Keith Bennett Of Gutschick, Little & Neber P.A.
- There are Perennial Streams and Environmental Buffers onsite.
- The southern portion of the site is located within the Upper Rock Creek Overlay Zone/ Special Protection Area.
- The site is located within the boundaries of the Olney Master Plan.

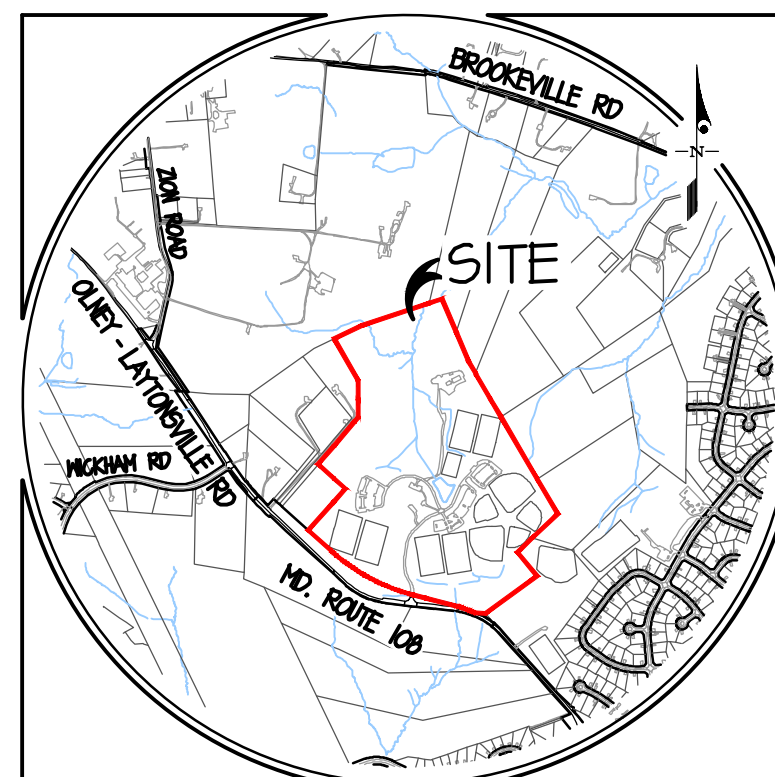
### DEVELOPER'S CERTIFICATE

The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. 5C2021023, including financial bonding, forest planting, maintenance and all other applicable agreements.

Developer's Name: Olney Boys and Girls Club, Inc.

Address: 4501 Olney-Laytonville Road  
Olney, MD 20852  
Phone: 240-508-4374

Signature: Lucian Romano, Chairman of the Board



### VICINITY MAP

SCALE: 1" = 2,000'  
WSSC GRID: 227NW05, 226NW05, 227NW04 & 226NW04  
ADC MAP: 36-C6

### LEGEND

- EX. PROPERTY LINE
- EXISTING TREELINE
- SPECIAL PROTECTION AREA
- EXISTING FOREST STAND DELINEATION BOUNDARY
- EX. CONTOURS
- EX. CURB
- EX. SIDEWALK
- EX. CURB
- EX. ELECTRIC
- EXISTING OVERHEAD WIRE
- EX. GAS
- EX. SAN.
- EX. WATER
- EX. STORM DRAIN
- EX. FENCE
- EX. BUILDING
- EX. UTILITY POLE
- EX. LIGHT
- STREAM BUFFER
- WATERS OF THE US
- EX. STREAM
- SLOPES 25% OR GREATER
- PAVEMENT/GRAVEL
- FOREST RETENTION
- NATURAL REGENERATION AREA
- UPLAND REFORESTATION AREA
- LOWLAND REFORESTATION AREA
- FOREST CONSERVATION AREA TO BE ABANDONED, INSIDE OF ENVIRONMENTAL BUFFERS
- FOREST CONSERVATION AREA TO BE ABANDONED, OUTSIDE OF ENVIRONMENTAL BUFFERS
- PROPOSED FOREST CONSERVATION EASEMENT
- LIMITS OF DISTURBANCE
- TREE LINE
- FIELD-SURVEYED TREE
- CRITICAL ROOT ZONE (NOT SHOWN)
- EX. NATURAL SURFACE TRAIL No. 1
- EX. NATURAL SURFACE TRAIL No. 2
- PROP. NATURAL SURFACE TRAIL No. 3 (CHRISTMAS TRAIL)
- PROP. NATURAL SURFACE TRAIL No. 4 (CHRISTMAS TRAIL)
- MAINTENANCE TRAIL
- PROPOSED SPLIT RAIL FENCE
- PROPOSED FOREST CONSERVATION EASEMENT SIGNAGE

### FINAL FOREST CONSERVATION PLAN PREPARED BY:

Kevin Foster  
Gutschick, Little & Neber, P.A.  
3404 National Drive, Suite 250  
Bartonsville, Maryland 20866  
Ph: (301) 421-4024 Fax: (301) 421-4186  
Registered Landscape Architect #807

### FOREST CONSERVATION PLAN COVER SHEET

### OBGC COMMUNITY PARK OLNEY BOYS AND GIRLS CLUB

Lot 5, "Brooke Farm" per Plat No. 15584 (Property of The Olney Boys and Girls Club, Inc.)

Liber: 17404 Folio: 622

OLNEY ELECTION DISTRICT No. 08

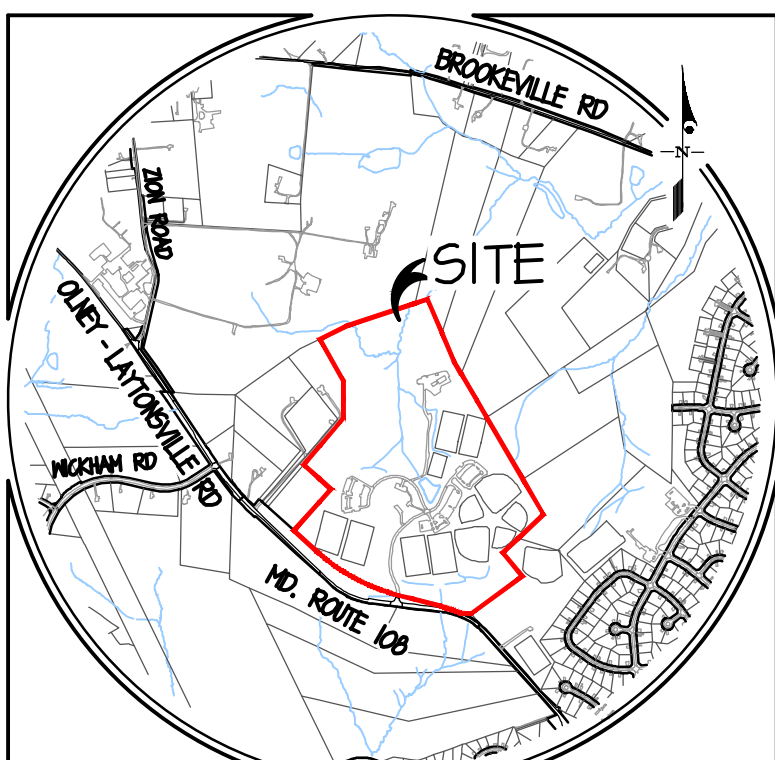
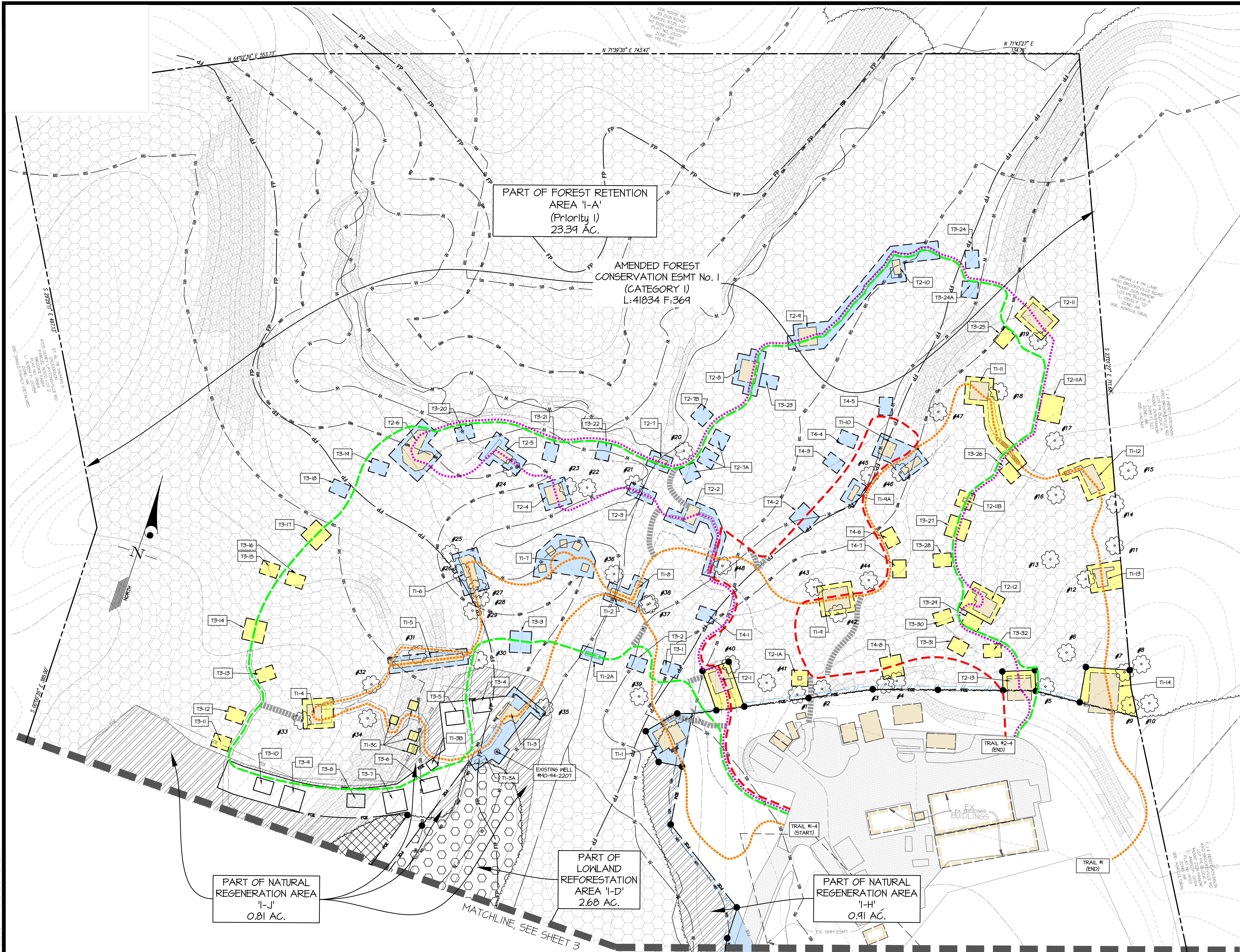
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SHEET

1 OF 4





VICINITY MAP  
SCALE: 1" = 2,000'

WSSC GRID: 227N005, 228N005, 227N004 & 228N004  
ADC MAP: 36-06

- LEGEND**
- EX. PROPERTY LINE
  - EXISTING TREELINE
  - SPECIAL PROTECTION AREA
  - EXISTING FOREST STAND DELINEATION BOUNDARY
  - EX. CONTOURS
  - EX. CURB
  - EX. SIDEWALK
  - EX. CURB
  - EX. ELECTRIC
  - EXISTING OVERHEAD WIRE
  - EX. GAS
  - EX. SAN.
  - EX. WATER
  - EX. STORM DRAIN
  - EX. FENCE
  - EX. BUILDING
  - EX. UTILITY POLE
  - EX. LIGHT
  - STREAM BUFFER
  - MATERS OF THE US
  - EX. STREAM
  - SLOPES 25% OR GREATER
  - PAVEMENT/GRAVEL
  - FOREST RETENTION
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  - LOWLAND REFORESTATION AREA
  - FOREST CONSERVATION AREA TO BE ABANDONED, INSIDE OF ENVIRONMENTAL BUFFERS
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  - EX. NATURAL SURFACE TRAIL No. 1
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  - PROP. NATURAL SURFACE TRAIL No. 3 (CHRISTMAS TRAIL)
  - PROP. NATURAL SURFACE TRAIL No. 4 (CHRISTMAS TRAIL)
  - MAINTENANCE TRAIL
  - PROPOSED SPLIT RAIL FENCE
  - PROPOSED FOREST CONSERVATION EASEMENT SIGNAGE

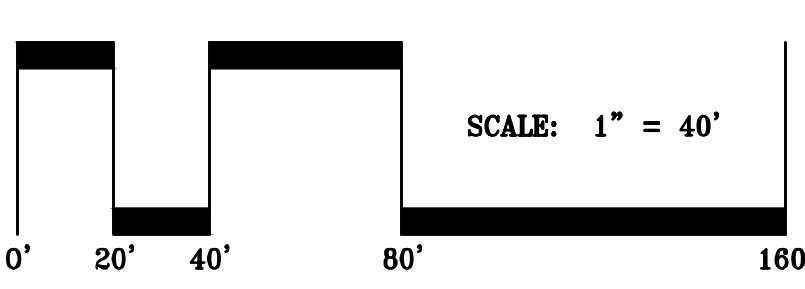
FINAL FOREST CONSERVATION PLAN PREPARED BY:

Kevin Foster  
Guttschick, Little & Weber, P.A.  
3404 National Drive, Suite 250  
Baltimore, Maryland 21206  
Ph: (301) 421-4024 Fax: (301) 421-4186  
Registered Landscape Architect #807

**DEVELOPER'S CERTIFICATE**  
The undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. 5C202023, including financial bonding, forest planting, maintenance and all other applicable agreements.

Developer's Name: Olney Boys and Girls Club, Inc.  
Address: 4501 Olney-Laytonville Road  
Olney, MD 20852  
Phone: 240-508-4371  
Signature: Lucian Romano, Chairman of the Board

DESIGNED BY	KAB			
DRAWN BY	KAB			
CHECKED BY	KAF			
DATE		REVISION	BY	APP'R.



PREPARED FOR:  
OLNEY BOYS & GIRLS CLUB INC.  
4501 OLNEY-LAYTONVILLE ROAD  
OLNEY, MD 20852  
ATTN: Lucian Romano  
TEL: 240-508-4379

SCALE	1"=40'
ZONING	AR
DATE	MARCH 2021
TAX MAP - GRID	HU-341







