

## VICINITY MAP

1"=2000'-0"

**APPLICANT INFORMATION**  
Rochambeau The French International School, 9650 Rockville Pike, Bethesda, MD 20814. Director of Administration & Finance Helene Fabre 301-530-8260.

**PROPERTY INFORMATION**  
Tax Maps: HP122  
Total Property Area: 488,247 sq. ft.  
Zoning: R-60  
Address: 9650 Rockville Pike, Bethesda, MD 20814  
WSSC Grids: 212NW05

**STREAMS, STREAM BUFFER, FLOODPLAINS, WATERSHED**  
The study area is a tributary to Rock Creek. This portion of the Potomac River Watershed is designated as Use Class I Waters by the state of Maryland. The study area is not within a Special Protection Area, a Primary Management Area, or the Chesapeake Bay Critical Area. The National Flood Insurance Program Flood Insurance Rate Map, 24031C0365D, Sept. 2006 indicates the site is in Zone X, area of 0.2% chance of flood.

**FORESTS**  
NRI/FSD # 420181200 confirmed presence of no forest on site.

**WETLANDS**  
No wetlands were observed on site. The National Wetlands Inventory (NWI) Map for Montgomery County, Maryland (USFWS, 1981-2002) identifies no waterway and no wetlands within or adjacent to the study area.

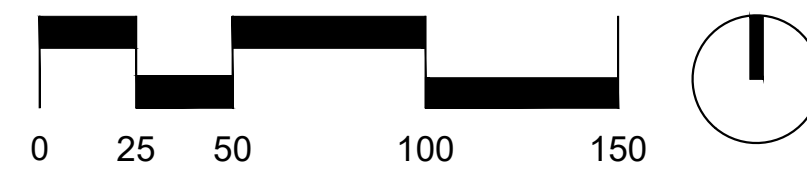
**ADDITIONAL INFORMATION**  
Additional information is available on the approved NRI/FSD.

## FOREST CONSERVATION PLAN NOTES

- PROF. MINOR TREE REMOVAL
- PROF. SIGNIFICANT TREE REMOVAL
- PROF. SPECIMEN TREE REMOVAL
- 100' STUDY AREA
- CRITICAL ROOT ZONE
- TREE PROTECTION FENCING
- ROOT PRUNING WITH TREE PROTECTION FENCE
- LIMIT OF DISTURBANCE (LOD) WITH TREE PROTECTION FENCE (TPF)
- PROPERTY BOUNDARY
- EXISTING 1' CONTOUR (2' OFF PROPERTY)
- PROPOSED 1' CONTOUR
- EXISTING CANOPY TO REMAIN
- PROPOSED CATEGORY I CONSERVATION EASEMENT
- PROPOSED CATEGORY II CONSERVATION EASEMENT
- PROPOSED SPECIAL PAVEMENT DEMOLITION
- DIMENSION: DISTANCE TO TREE
- PROPOSED VARIANCE MITIGATION TREE
- OTHER PROPOSED REGULATORY TREE
- PROPOSED DRIVEWAY
- PROPOSED ROOT PROTECTION MATTING

## FCP CONTEXT PLAN

1"=50'-0"



TREE	COMMON NAME	SCIENTIFIC NAME	DIAMETER (IN)	OFF PROP-ERTY?	COUNTY CHAMPI ON?	W/N 75% of County Champ	DECLARED CRZ IMPACT (%)	PROPOSED STATUS	TREE TYPE	HEALTH
6	Purple Beech	<i>Fagus sylvatica</i> f. 'Purpurea'	64.6	-	YES	-	16.0%	PRESERVE	SPECIMEN	GOOD
7	White Pine	<i>Pinus strobus</i>	37.2	-	-	NO	8.0%	PRESERVE	SPECIMEN	GOOD
9	Sugar Maple	<i>Acer saccharum</i>	48.0	-	YES	7.6%	PRESERVE	SPECIMEN	VERY POOR	
17	Black Walnut	<i>Juglans nigra</i>	30.2	-	NO	28.1%	PRESERVE	SPECIMEN	FAIR-GOOD	
20	White Pine	<i>Pinus strobus</i>	33.0	-	NO	57.8%	PRESERVE	SPECIMEN	FAIR	
59	Mulberry	<i>Morus sp.</i>	35.1	-	NO	30.6%	PRESERVE	SPECIMEN	POOR	
63	White Pine	<i>Pinus strobus</i>	28.0	-	NO	37.2%	PRESERVE	SPECIMEN	GOOD	
64	White Pine	<i>Pinus strobus</i>	36.8	-	NO	17.3%	PRESERVE	SPECIMEN	GOOD	
65	Deodar Cedar	<i>Cedrus deodara</i>	30.2	-	YES	37.5%	PRESERVE	SPECIMEN	GOOD	
67	Willow Oak	<i>Quercus phellos</i>	30.1	-	NO	13.0%	PRESERVE	SPECIMEN	GOOD	
79	Silver Maple	<i>Acer saccharinum</i>	53.1	-	NO	16.0%	PRESERVE	SPECIMEN	FAIR	

## SCHEDULE OF VARIANCE TREE IMPACTS

TREE	COMMON NAME	SCIENTIFIC NAME	DIAMETER (IN)	OFF PROP-ERTY?	COUNTY CHAMPION?	W/N 75% of County Champ	DECLARED CRZ IMPACT (%)	PROPOSED STATUS	TREE TYPE	HEALTH
1	Red Maple	<i>Acer rubrum</i>	43.5	-	NO	100.0%	REMOVE	SPECIMEN	GOOD	
2	English Elm	<i>Ulmus procera</i>	58.7	-	NO	100.0%	REMOVE	SPECIMEN	GOOD	
16	Silver Maple	<i>Acer saccharinum</i>	35.0	-	NO	100.0%	REMOVE	SPECIMEN	GOOD	
22	Red Cedar	<i>Juniperus virginiana</i>	36.0	-	NO	100.0%	REMOVE	SPECIMEN	POOR	
24	Southern Magnolia	<i>Magnolia grandiflora</i>	30.3	-	NO	100.0%	REMOVE	SPECIMEN	GOOD	
27	Purple Beech	<i>Fagus sylvatica</i> 'Atropunicea'	47.0	-	YES	100.0%	REMOVE	SPECIMEN	POOR	
38	Eastern Hemlock	<i>Tsuga canadensis</i>	42.7	-	YES	100.0%	REMOVE	SPECIMEN	FAIR-GOOD	
41	Littleleaf Linden	<i>Tilia cordata</i>	32.0	-	NO	100.0%	REMOVE	SPECIMEN	FAIR	
46	Eastern Hemlock	<i>Tsuga canadensis</i>	31.3	-	NO	100.0%	REMOVE	SPECIMEN	GOOD	
49	White Pine	<i>Pinus strobus</i>	31.9	-	NO	100.0%	REMOVE	SPECIMEN	POOR	
52	Red Oak	<i>Quercus rubra</i>	34.8	-	NO	100.0%	REMOVE	SPECIMEN	GOOD	
54	Red Maple	<i>Acer rubrum</i>	53.8	-	YES	100.0%	REMOVE	SPECIMEN	POOR	
55	White Pine	<i>Pinus strobus</i>	35.2	-	NO	100.0%	REMOVE	SPECIMEN	FAIR	
58	Post Oak	<i>Quercus stellata</i>	34.0	-	YES	100.0%	REMOVE	SPECIMEN	GOOD-FAIR	
62	White Pine	<i>Pinus strobus</i>	35.0	-	NO	100.0%	REMOVE	SPECIMEN	FAIR	

## SCHEDULE OF VARIANCE TREE REMOVALS

**APPLICANT:**  
HELENE FABRE, DIRECTOR OF ADMINISTRATION AND FINANCE, THE FRENCH INTERNATIONAL SCHOOL  
9600 FOREST ROAD, BETHESDA, MD 20814  
301-530-8260

REV. NO.	DATE	DESCRIPTION
1	4/19/2019	FCP RESUBMISSION
2	3/9/2020	FCP RESUBMISSION
3	9/24/2020	FCP RESUBMISSION
4	12/2/2020	FCP RESUBMISSION
5	12/15/2020	FCP RESUBMISSION

PLAN PREPARED BY:  
DAVE NORDEN, ISA CERTIFIED ARBORIST  
MASS513A & MARYLAND LANDSCAPE ARCHITECT 3694

**PRELIMINARY/FINAL FOREST CONSERVATION PLAN**  
Rochambeau - French International School  
Bethesda, Montgomery County, Maryland  
WSSC MAP 212NW05  
TAX MAP HP122  
PLAN #420181200  
Prepared for Clark Azar & Associates  
revised DECEMBER 15, 2020

**LSG LANDSCAPE ARCHITECTURE**  
1775 GREENSBORO STATION PL.  
SUITE 110  
TYSONS, VIRGINIA 22102  
703-821-2045

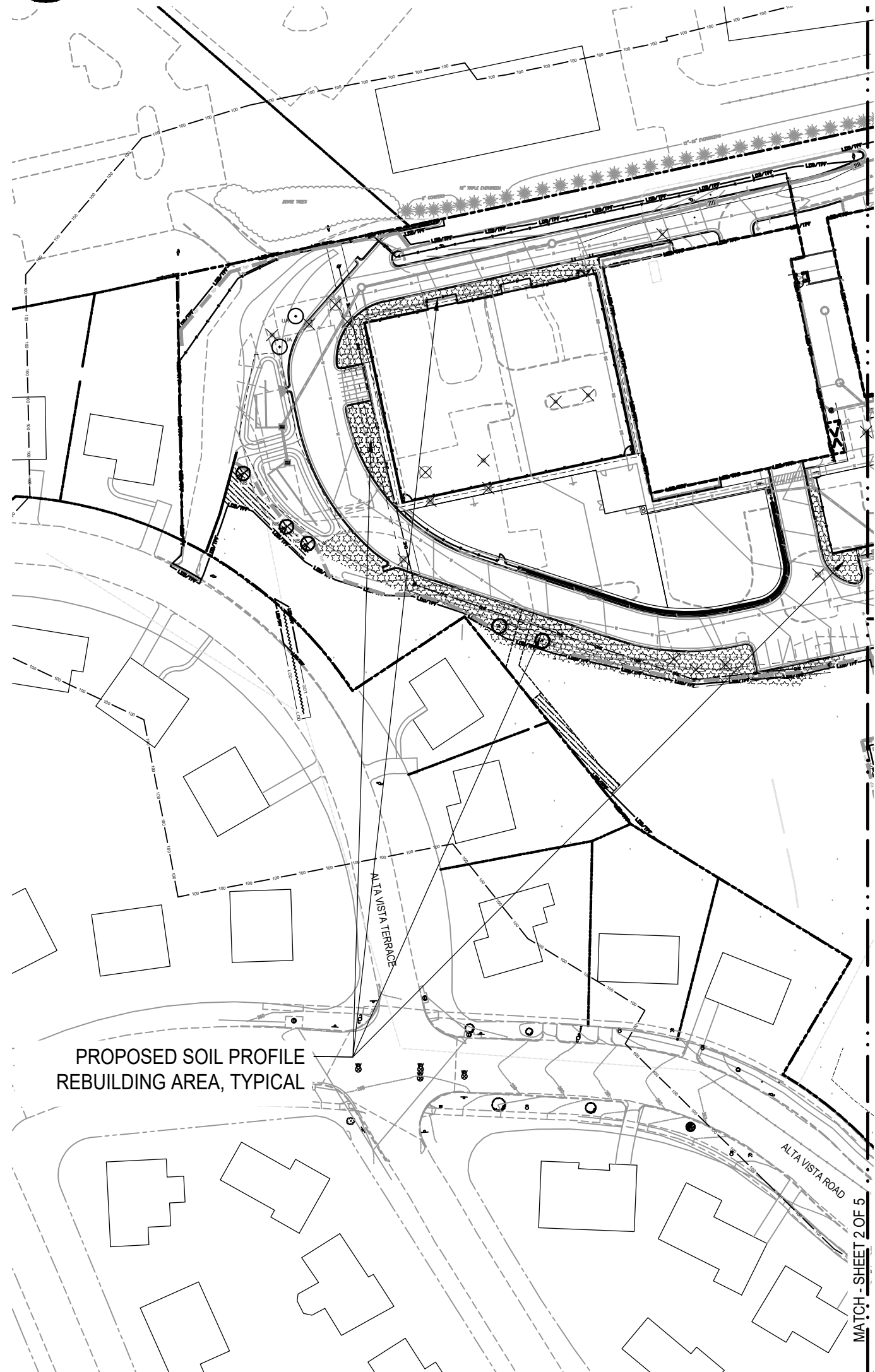


TREE	COMMON NAME	SCIENTIFIC NAME	DIAMETER (IN)	OFF PROP. ERTY?	COUNTY CHAMPI ON?	W/N 75% of County Champ	DECLARED CRZ IMPACT (%)	PROPOSED STATUS	TREE TYPE	HEALTH
1	Red Maple	<i>Acer rubrum</i>	43.5	-	-	-	NO 100.0%	REMOVE	SPECIMEN	GOOD
2	English Elm	<i>Ulmus procera</i>	58.7	-	-	-	NO 100.0%	REMOVE	SPECIMEN	GOOD
3	Dawn Redwood	<i>Metasequoia glyptostrobis</i>	27.0	-	-	NO	39.8%	REMOVE	SIGNIFICANT	GOOD
4	Dawn Redwood	<i>Metasequoia glyptostrobis</i>	25.8	-	-	NO	31.0%	PRESERVE	SIGNIFICANT	GOOD
5	Dawn Redwood	<i>Metasequoia glyptostrobis</i>	28.7	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
6	Purple Beech	<i>Fagus sylvatica f 'Purpurea'</i>	64.6	-	YES	-	16.0%	PRESERVE	SPECIMEN	GOOD
7	White Pine	<i>Pinus strobus</i>	37.2	-	-	NO	8.0%	PRESERVE	SPECIMEN	GOOD
8	Eastern Hemlock	<i>Tsuga canadensis</i>	10.2	-	-	NO				GOOD
9	Sugar Maple	<i>Acer saccharum</i>	48.0	-	-	YES	7.6%	PRESERVE	SPECIMEN	VERY POOR
10	Eastern Hemlock	<i>Tsuga canadensis</i>	22.0	-	-	NO				FAIR
11	Deodar Cedar	<i>Cedrus deodara</i>	27.0	-	-	NO	67.0%	REMOVE	SIGNIFICANT	GOOD
12	Deodar Cedar	<i>Cedrus deodara</i>	25.0	-	-	NO	52.0%	REMOVE	SIGNIFICANT	GOOD
13	Deodar Cedar	<i>Cedrus deodara</i>	25.7	-	-	NO	30.0%	REMOVE	SIGNIFICANT	GOOD
14	Deodar Cedar	<i>Cedrus deodara</i>	16.9	-	-	NO	17.0%			GOOD
15	Deodar Cedar	<i>Cedrus deodara</i>	28.0	-	-	NO	53.0%	REMOVE	SIGNIFICANT	GOOD
16	Silver Maple	<i>Acer saccharinum</i>	35.0	-	-	NO	100.0%	REMOVE	SPECIMEN	GOOD
17	Black Walnut	<i>Juglans nigra</i>	30.2	-	-	NO	28.3%	PRESERVE	SPECIMEN	FAIR-GOOD
18	Red Cedar	<i>Juniperus virginiana</i>	14.8	-	-	NO				FAIR
19	Cherry	<i>Prunus sp.</i>	26.0	SHARED	-	NO	0.0%	PRESERVE	SIGNIFICANT	
20	White Pine	<i>Pinus strobus</i>	33.0	-	-	NO	57.8%	PRESERVE	SPECIMEN	FAIR
21	Southern Magnolia	<i>Magnolia grandiflora</i>	15.4	-	-	NO				GOOD
22	Red Cedar	<i>Juniperus virginiana</i>	26.3	-	-	NO	100.0%	REMOVE	SPECIMEN	POOR
23	Southern Magnolia	<i>Magnolia grandiflora</i>	26.1	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR-GOOD
24	Southern Magnolia	<i>Magnolia grandiflora</i>	30.3	-	-	NO	100.0%	REMOVE	SPECIMEN	GOOD
25	Pin Oak	<i>Quercus palustris</i>	25.0	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
26	Cherry	<i>Prunus sp.</i>	28.0	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR-POOR
27	Purple Beech	<i>Fagus sylvatica 'Atropunicea'</i>	47.0	-	YES	100.0%	REMOVE	REMOVE	SPECIMEN	POOR
28	Eastern Hemlock	<i>Tsuga canadensis</i>	25.5	-	-	NO	1.0%	PRESERVE	SIGNIFICANT	GOOD
29	Eastern Hemlock	<i>Tsuga canadensis</i>	39.2	-	YES	0.0%	EVIOUSLY REMOVE	SPECIMEN	DEAD	
30	Eastern Hemlock	<i>Tsuga canadensis</i>	24.0	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	FAIR
31	Eastern Hemlock	<i>Tsuga canadensis</i>	25.9	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	POOR
32	Sugar Maple	<i>Acer saccharum</i>	55.0	-	-	YES	0.0%	PRESERVE	SPECIMEN	FAIR-POOR
33	Eastern Hemlock	<i>Tsuga canadensis</i>	45.0	-	-	YES	0.0%	PRESERVE	SPECIMEN	GOOD
34	Maple	<i>Acer sp.</i>	35.0	YES	-	NO	0.0%	PRESERVE	SPECIMEN	FAIR
35	Mulberry	<i>Morus sp.</i>	30.0	SHARED	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
36	White Oak	<i>Quercus alba</i>	26.7	-	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
37	Eastern Hemlock	<i>Tsuga canadensis</i>	23.0	-	-	NO				FAIR-GOOD
38	Eastern Hemlock	<i>Tsuga canadensis</i>	42.7	-	-	YES	100.0%	REMOVE	SPECIMEN	FAIR-GOOD
39	Red Cedar	<i>Juniperus virginiana</i>	13.9	-	-	NO				GOOD
40	Red Cedar	<i>Juniperus virginiana</i>	14.0	-	-	NO				FAIR-GOOD
41	Littleleaf Linden	<i>Tilia cordata</i>	32.0	-	-	NO	100.0%	REMOVE	SPECIMEN	FAIR
42	White Pine	<i>Pinus strobus</i>	27.6	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR
43	White Pine	<i>Pinus strobus</i>	25.8	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR
44	White Pine	<i>Pinus strobus</i>	26.7	-	-	NO	100.0%	REMOVE	SIGNIFICANT	POOR-FAIR
45	White Pine	<i>Pinus strobus</i>	25.1	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
46	Eastern Hemlock	<i>Tsuga canadensis</i>	31.3	-	-	NO	100.0%	REMOVE	SPECIMEN	GOOD
47	Willow Oak	<i>Quercus phellos</i>	29.4	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR-GOOD
48	White Pine	<i>Pinus strobus</i>	25.3	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR
49	White Pine	<i>Pinus strobus</i>	31.9	-	-	NO	100.0%	REMOVE	SPECIMEN	POOR
50	White Pine	<i>Pinus strobus</i>	33.3	-	-	NO	100.0%	REMOVE	SPECIMEN	DEAD
51	White Pine	<i>Pinus strobus</i>	33.8	-	-	NO	100.0%	REMOVE	SPECIMEN	DEAD
52	Red Oak	<i>Quercus rubra</i>	34.8	-	-	NO	100.0%	REMOVE	SPECIMEN	GOOD
53	Red Maple	<i>Acer rubrum</i>	28.0	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
54	Red Maple	<i>Acer rubrum</i>	53.8	-	-	YES	100.0%	REMOVE	SPECIMEN	POOR
55	White Pine	<i>Pinus strobus</i>	35.2	-	-	NO	100.0%	REMOVE	SPECIMEN	FAIR
56	Zelkova serrata	<i>Zelkova serrata</i>	24.3	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
57	Eastern Hemlock	<i>Tsuga canadensis</i>	23.7	-	-	NO				FAIR-POOR
58	Post Oak	<i>Quercus stellata</i>	34.0	-	YES	100.0%	REMOVE	REMOVE	SPECIMEN	GOOD-FAIR
59	Mulberry	<i>Morus sp.</i>	35.1	-	-	NO	30.6%	PRESERVE	SPECIMEN	POOR
60	Eastern Hemlock	<i>Tsuga canadensis</i>	21.1	-	-	NO				GOOD
61	Eastern Hemlock	<i>Tsuga canadensis</i>	20.8	-	-	NO				GOOD
62	White Pine	<i>Pinus strobus</i>	35.0	-	-	NO	100.0%	REMOVE	SPECIMEN	FAIR
63	White Pine	<i>Pinus strobus</i>	28.0	-	-	NO	37.2%	PRESERVE	SIGNIFICANT	GOOD
64	White Pine	<i>Pinus strobus</i>	36.8	-	-	NO	17.3%	PRESERVE	SPECIMEN	GOOD
65	Deodar Cedar	<i>Cedrus deodara</i>	30.2	-	YES	37.5%	PRESERVE	SPECIMEN	GOOD	
66	Saucer Magnolia	<i>Magnolia x soulangeana</i>	16.0	-	-	NO				POOR
67	Willow Oak	<i>Quercus phellos</i>	30.1	-	-	NO	13.0%	PRESERVE	SPECIMEN	GOOD
68	Red Cedar	<i>Juniperus virginiana</i>	33.3	-	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
69	American Holly	<i>Ilex opaca</i>	27.0	-	YES	0.0%	PRESERVE	SIGNIFICANT	SPECIMEN	GOOD
70	Saucer Magnolia	<i>Magnolia soulangeana</i>	13.0	YES	-	NO				GOOD
71	Kentucky Coffeetree	<i>Gymnocladus dioica</i>	32.3	-	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
72	American Holly	<i>Ilex opaca</i>	33.1	-	YES	-	0.0%	PRESERVE	SPECIMEN	GOOD
73	Southern Magnolia	<i>Magnolia grandiflora</i>	34.3	-	-	YES	0.0%	PRESERVE	SPECIMEN	GOOD
74	Deodar Cedar	<i>Cedrus deodara</i>	30.0	-	-	YES	0.0%	PRESERVE	SPECIMEN	GOOD
75	Red Cedar	<i>Juniperus virginiana</i>	24.1	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	FAIR
76	Eastern Hemlock	<i>Tsuga canadensis</i>	23.3	-	-	NO				POOR
77	Japanese Yew	<i>Taxus cuspidata</i>	26.0	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	GOOD
78	Japanese Yew	<i>Taxus cuspidata</i>	17.1	-	-	NO				GOOD
79	Silver Maple	<i>Acer saccharinum</i>	53.1	-	-	NO	16.0%	PRESERVE	SPECIMEN	FAIR
80	Silver Maple	<i>Acer saccharinum</i>	55.9	-	-	NO	18.9%	REMOVE	SPECIMEN	DEAD
81	Yellowwood	<i>Cladrastis kentukea</i>	26.7	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR
82	Red Oak	<i>Quercus rubra</i>	27.3	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
83	Red Cedar	<i>Juniperus virginiana</i>	27.0	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	GOOD
84	Red Maple	<i>Acer rubrum</i>	33.6	IN R.O.W.	-	NO	0.0%	PRESERVE	SPECIMEN	FAIR
85	Red Maple	<i>Acer rubrum</i>	24.9	IN R.O.W.	-	NO	0.0%	PRESERVE	SIGNIFICANT	FAIR
86	Norway Maple	<i>Acer platanoides</i>	40.0	YES	-	YES	0.0%	PRESERVE	SPECIMEN	GOOD
87	Red Maple	<i>Acer rubrum</i>	28.0	YES	-	NO	0.0%	PRESERVE	SIGNIFICANT	GOOD
88	Red Maple	<i>Acer rubrum</i>	30.0	YES	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
89	Japanese Yew	<i>Taxus cuspidata</i>	9.1	-	NO	NO	0.0%	PRESERVE	SPECIMEN	GOOD
90	American Holly	<i>Ilex opaca</i>	25.0	-	-	NO	50.0%	REMOVE	SIGNIFICANT	GOOD
91	American Holly	<i>Ilex opaca</i>	13.3	-	-	NO				GOOD
92	American Holly	<i>Ilex opaca</i>	13.7	-	-	NO	%			GOOD
93	Eastern Hemlock	<i>Tsuga canadensis</i>	29.8	-	-	NO	100.0%	REMOVE	SIGNIFICANT	FAIR
94	Eastern Hemlock	<i>Tsuga canadensis</i>	26.1	-	-	NO	100.0%	REMOVE	SIGNIFICANT	GOOD
95	Eastern Hemlock	<i>Tsuga canadensis</i>	25.5	-	-	NO	27.4%	PRESERVE	SIGNIFICANT	FAIR
96	Willow Oak	<i>Quercus phellos</i>	26.5	-	-	NO	16.3%	PRESERVE	SIGNIFICANT	GOOD
97	Magnolia	<i>Magnolia sp.</i>	13.8	-	-	NO	%			GOOD
98	Red Cedar	<i>Juniperus virginiana</i>	24.7	-	-	NO	24.5%	PRESERVE	SIGNIFICANT	GOOD
99	Japanese Yew	<i>Taxus cuspidata</i>	12.2	-	-	NO				GOOD
100	Japanese Yew	<i>Taxus cuspidata</i>	10.5	-	-	NO				GOOD
101	Ash	<i>Fraxinus sp.</i>	29.0	YES	-	NO	0.0%	PRESERVE	SIGNIFICANT	GOOD
102	Boxelder	<i>Acer negundo</i>	24.0	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	GOOD
103	Norway Maple	<i>Acer platanoides</i>	33.0	YES	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
104	Willow Oak	<i>Quercus phellos</i>	33.0	YES	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
105	Maple	<i>Acer sp.</i>	35.0	YES	-	NO	0.0%	PRESERVE	SPECIMEN	GOOD
115	Red Cedar	<i>Juniperus virginiana</i>	25.1	-	-	NO	0.0%	PRESERVE	SIGNIFICANT	GOOD

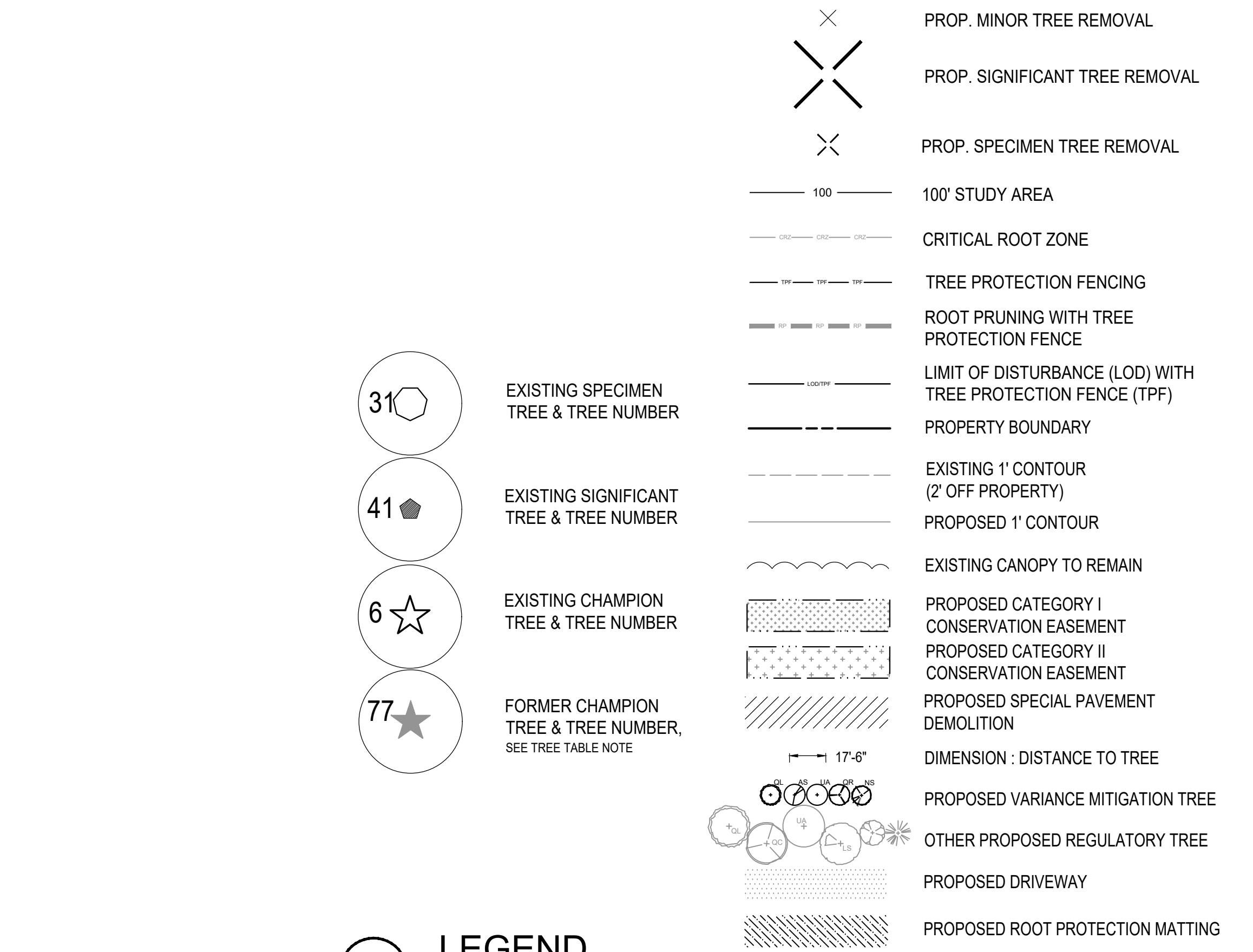
\* NOTE: PER DISCUSSION WITH COUNTY FOREST BOARD MEMBER JOLI MCCATHRAN ON 3/8/18, TREE 77 HAS BEEN SUPERSEDED BY A 134' CIRCUMFERENCE TREE IN ASHTON, MD AND IS NO LONGER COUNTY CHAMPION.

## TREE INVENTORY

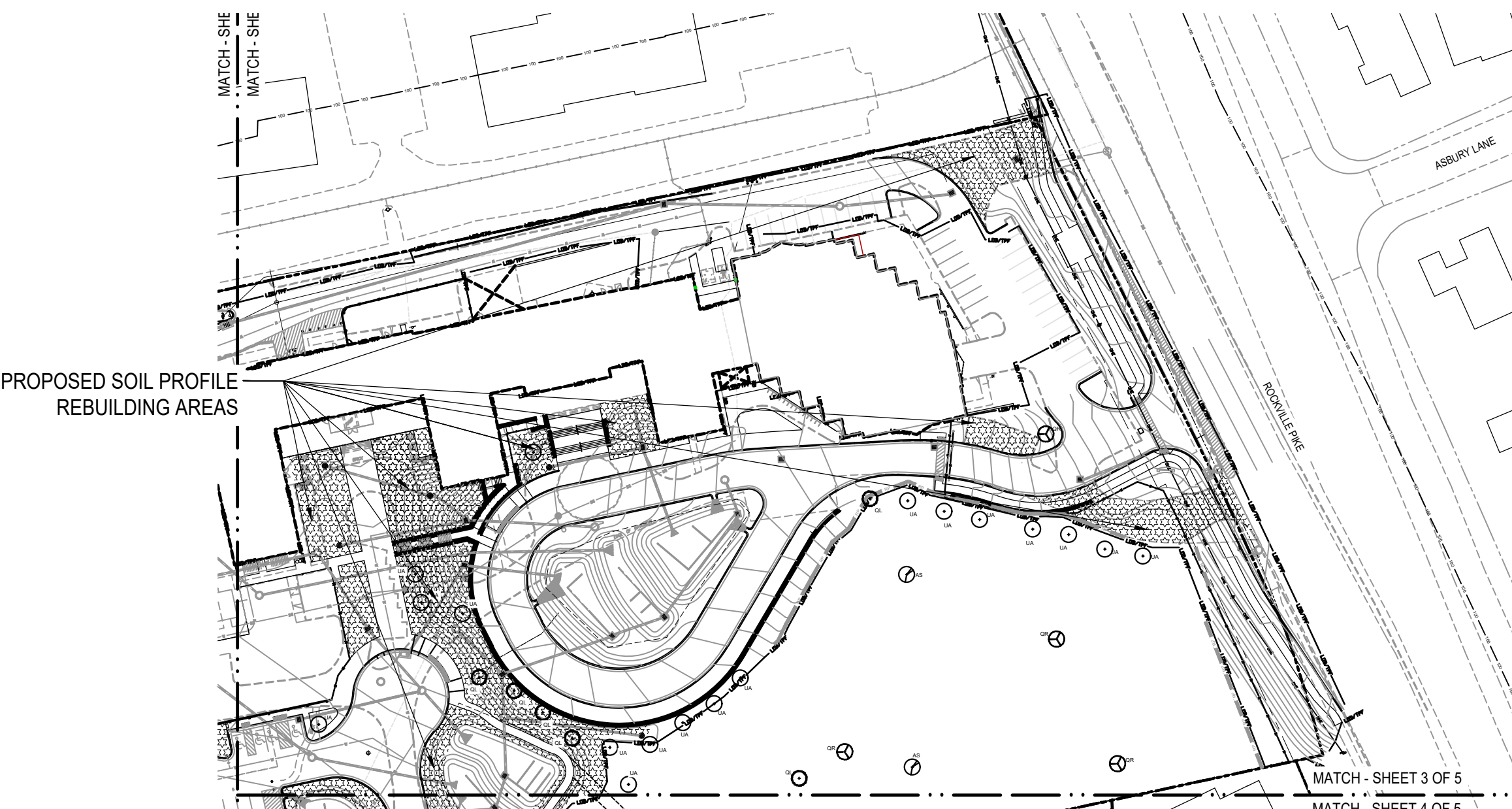
## LEGEND





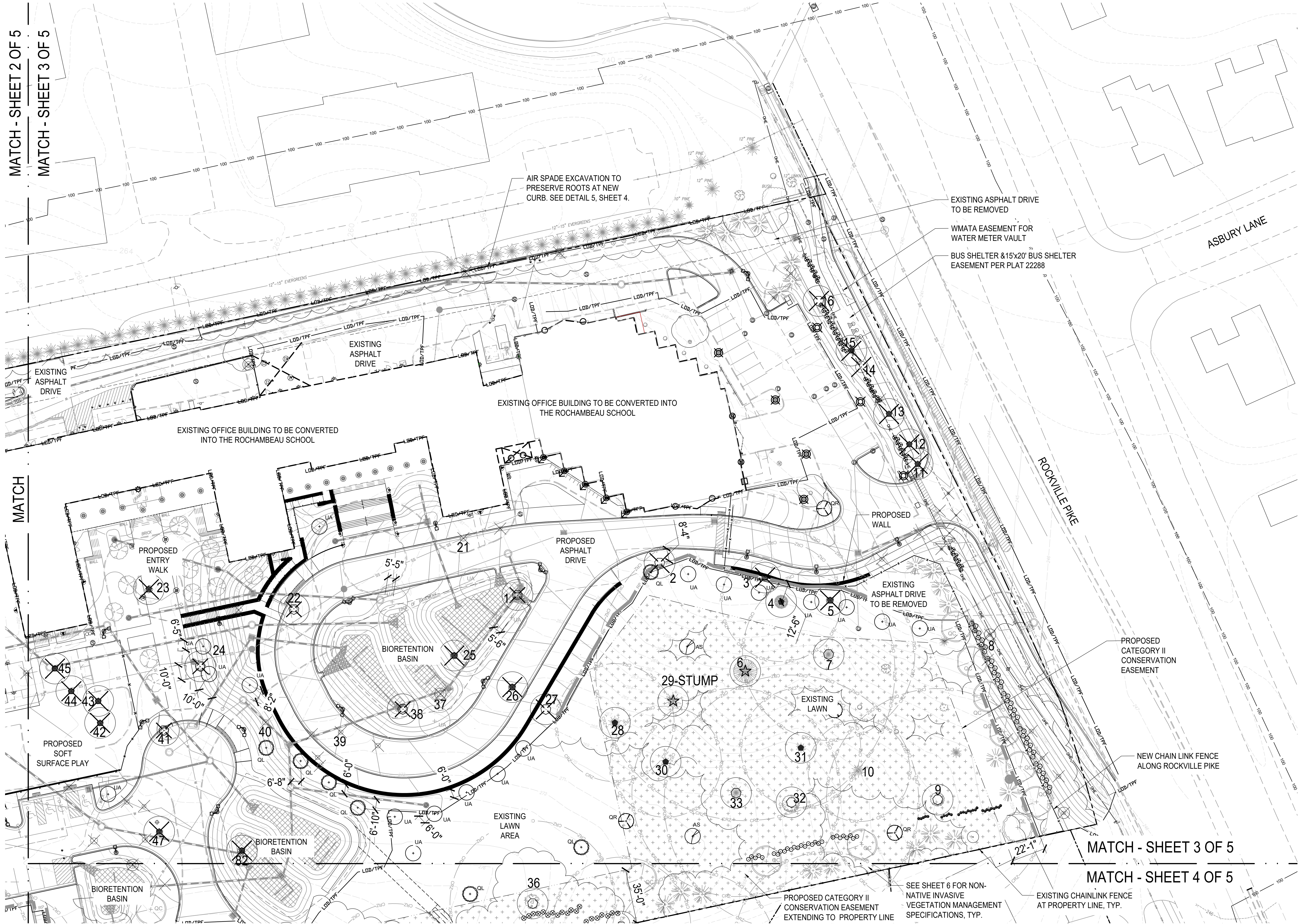


## LEGEND



## INSET PLAN: SOIL PROFILE REBUILDING

1"=80'-0"



## FOREST CONSERVATION PLAN

1"=30'-0"

APPLICANT:  
HELENE FABRE, DIRECTOR OF ADMINISTRATION AND FINANCE, THE FRENCH INTERNATIONAL SCHOOL  
9600 FOREST ROAD, BETHESDA, MD 20814  
301-530-8280

REVISIONS		
REV. NO.	DATE	DESCRIPTION
1	4/19/2019	FCP RESUBMISSION
2	3/9/2020	FCP RESUBMISSION
3	9/24/2020	FCP RESUBMISSION
4	12/2/2020	FCP RESUBMISSION
5	12/15/2020	FCP RESUBMISSION

PLAN PREPARED BY:  
DAVE NORDEN, ISA CERTIFIED ARBORIST, MASS13A & MARYLAND LANDSCAPE ARCHITECT 3694

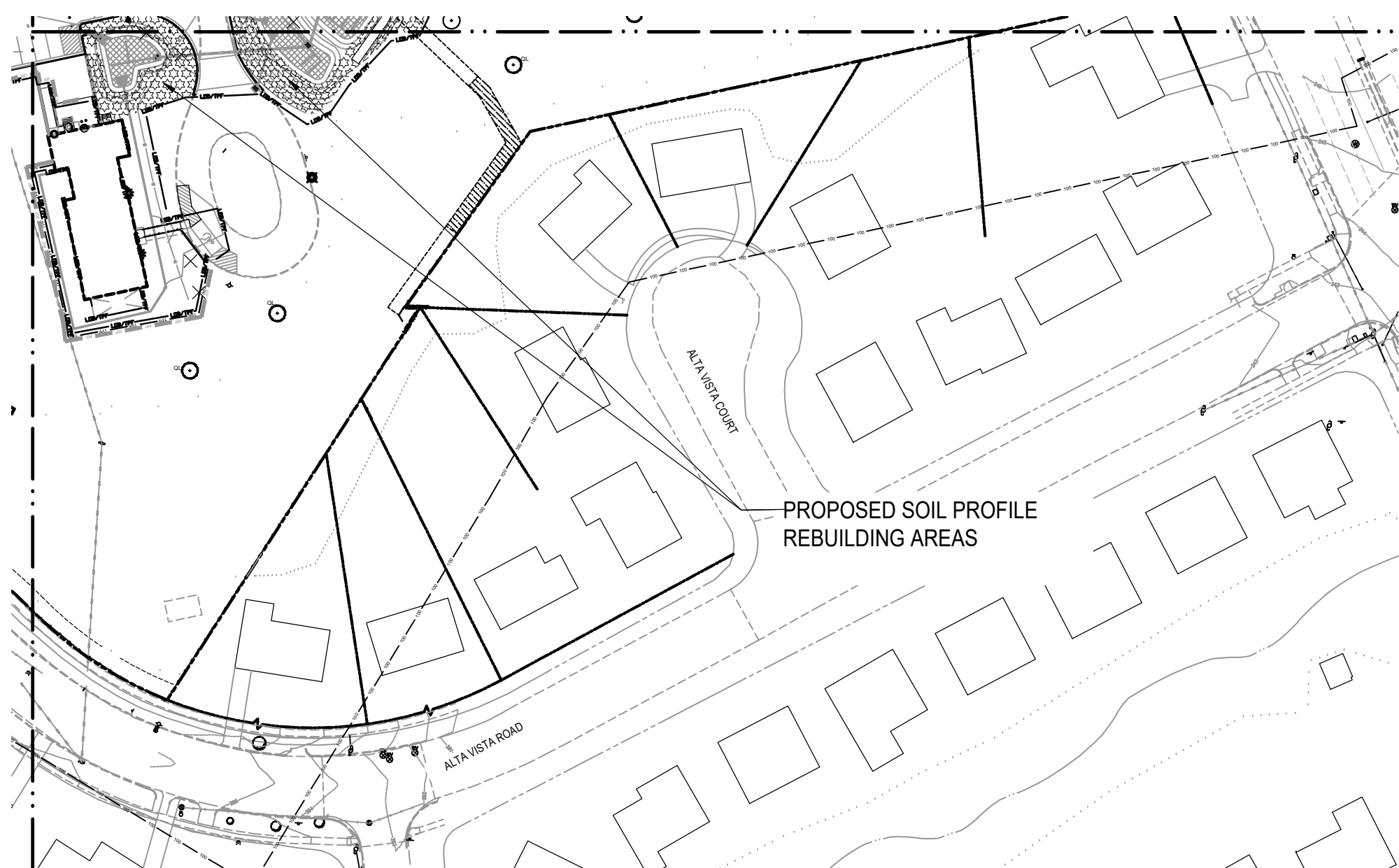
**PRELIMINARY/FINAL  
FOREST CONSERVATION PLAN**  
Rochambeau - French International School  
Bethesda, Montgomery County, Maryland  
WSSC MAP 212NW05  
TAX MAP HP122  
PLAN #420181200  
Prepared for Clark Azar & Associates  
revised DECEMBER 15, 2020

**LSG LANDSCAPE ARCHITECTURE**  
1775 GREENSBORO STATION PL.  
SUITE 110  
TYSONS, VIRGINIA 22102  
703-821-2045

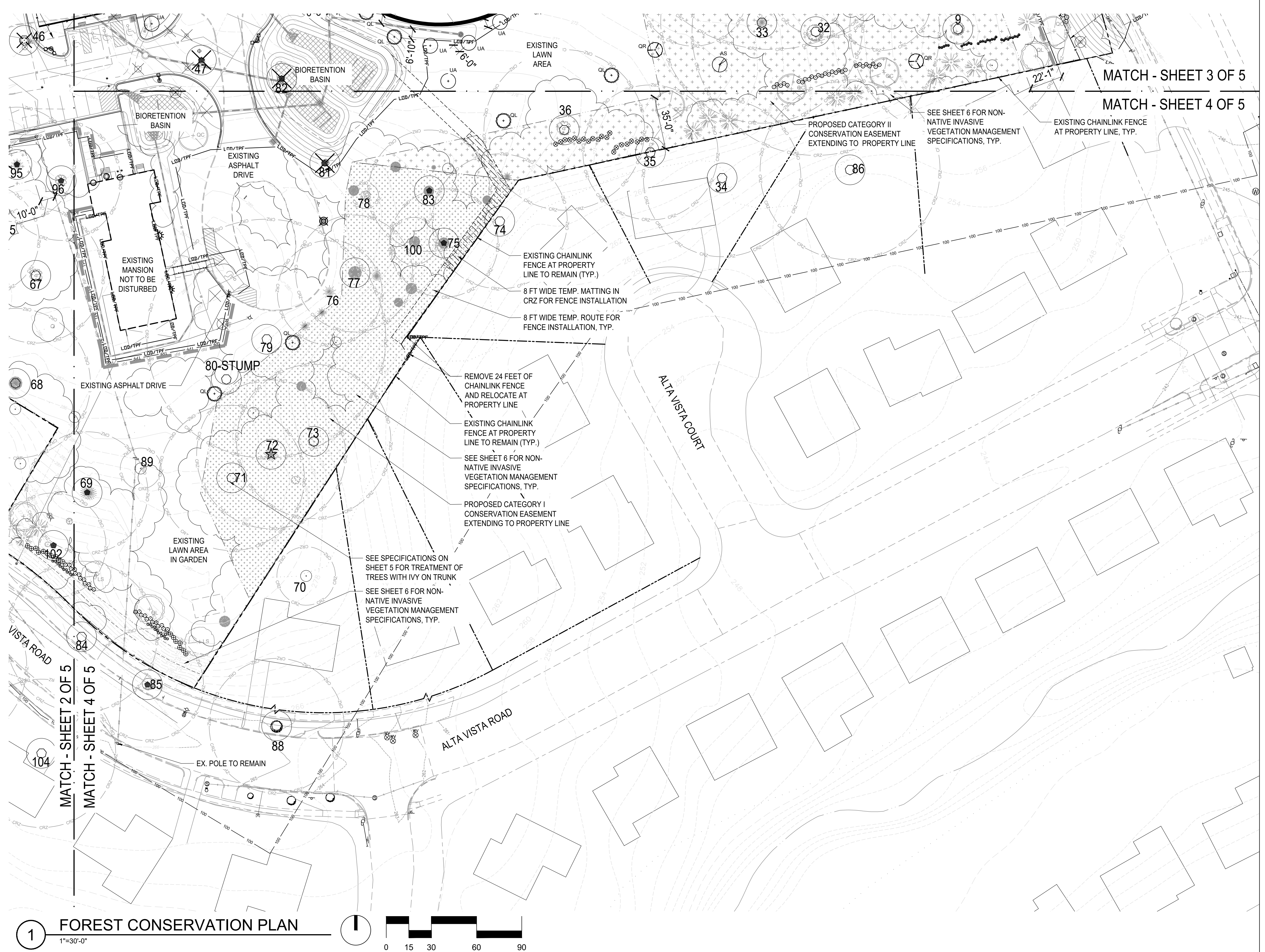


- PROF. MINOR TREE REMOVAL  
PROF. SIGNIFICANT TREE REMOVAL  
PROF. SPECIMEN TREE REMOVAL  
100' STUDY AREA  
CRITICAL ROOT ZONE  
TREE PROTECTION FENCING  
ROOT PRUNING WITH TREE PROTECTION FENCE  
LIMIT OF DISTURBANCE (LOD) WITH TREE PROTECTION FENCE (TPF)  
PROPERTY BOUNDARY  
EXISTING 1' CONTOUR (2' OFF PROPERTY)  
PROPOSED 1' CONTOUR  
EXISTING CANOPY TO REMAIN  
PROPOSED CATEGORY I CONSERVATION EASEMENT  
PROPOSED CATEGORY II CONSERVATION EASEMENT  
PROPOSED SPECIAL PAVEMENT DEMOLITION  
DIMENSION : DISTANCE TO TREE  
PROPOSED VARIANCE MITIGATION TREE  
OTHER PROPOSED REGULATORY TREE  
PROPOSED DRIVEWAY  
PROPOSED ROOT PROTECTION MATTING

## 2 LEGEND



3 INSET PLAN: SOIL PROFILE REBUILDING  
1"=80'-0"



1 FOREST CONSERVATION PLAN  
1"=30'-0"

APPLICANT:  
HELENE FABRE, DIRECTOR OF ADMINISTRATION AND FINANCE, THE FRENCH INTERNATIONAL SCHOOL  
9600 FOREST ROAD, BETHESDA, MD 20814  
301-530-8280

REVISIONS		
REV. NO.	DATE	DESCRIPTION
1	4/19/2019	FCP RESUBMISSION
2	3/9/2020	FCP RESUBMISSION
3	9/24/2020	FCP RESUBMISSION
4	12/2/2020	FCP RESUBMISSION
5	12/15/2020	FCP RESUBMISSION

PLAN PREPARED BY:  
DAVE NORDEN, ISA CERTIFIED ARBORIST, MARYLAND LANDSCAPE ARCHITECT 3694  
STATE OF MARYLAND  
LANDSCAPE ARCHITECT  
LICENSE NO. 11111  
DECEMBER 15, 2020

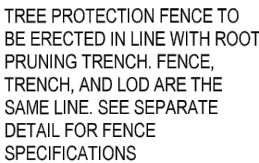
**PRELIMINARY/FINAL  
FOREST CONSERVATION PLAN**  
Rochambeau - French International School  
Bethesda, Montgomery County, Maryland  
WSSC MAP 212NW05  
TAX MAP HP122  
PLAN #420181200  
Prepared for Clark Azar & Associates  
revised DECEMBER 15, 2020

**LSG LANDSCAPE  
ARCHITECTURE**  
1775 GREENSBORO STATION PL.  
SUITE 110  
TYSONS, VIRGINIA 22102  
703-821-2045



Not to scale

1. Practice may be combined with sediment control fencing.
2. Location and limits of fencing should be coordinated in field with arborist.
3. Boundaries of protection area should be staked prior to installing protective device.
4. Root damage should be avoided.
5. Protection signage is required.
6. Fencing shall be maintained throughout construction.



1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO TRENCHING.
3. EXACT LOCATION OF TRENCH SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FOREST CONSERVATION (FC) INSPECTOR.
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FC INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
6. ALL PRUNING MUST BE EXECUTED WITH LOG SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FC INSPECTOR.

N.T.S.

NET TRACT AREA:		
A. Total tract area ...	(11.21 + 0.03 in ROW)	11.38
B. Land dedication acres (parks, county facility, etc.) ...		0.00
C. Land dedication for roads or utilities (not being constructed by this plan) ...		0.31
D. Area to remain in commercial agricultural production/use ...		0.00
E. Other deductions (specify) .....		0.00
F. Net Tract Area .....		11.07

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
0	0	1	0	0	0
Threshold ...				15%	x F = 1.66
Threshold ...				20%	x F = 2.21

EXISTING FOREST COVER:

I. Existing forest cover .....	=	0.00
J. Area of forest above afforestation threshold .....	=	0.00
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 .....= 0.00

### 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 .....	1.66
U. Credit for landscaping (may not exceed 20% of "S") .....	0.00
V. Total reforestation and afforestation required .....	1.66

1. THE APPLICANT HAS SUBMITTED FOREST CONSERVATION VARIANCE REQUEST.
2. THE APPLICANT REQUESTS TO MEET THE 1.66 ACRES OF REQUIRED AFFORESTATION BY PLACING 0.51 ACRES OF TREES SAVE INTO CATEGORY I CONSERVATION EASEMENT PLUS 20% OF THE 1.62 ACRES OF PROPOSED CATEGORY II CONSERVATION EASEMENT OR 0.32 ACRE, FOR A TOTAL OF 0.83 ACRES. THE REMAINING 0.83 ACRES WILL BE PROVIDED THROUGH PURCHASE OF CREDITS FROM OFF-SITE FOREST BANK(S).

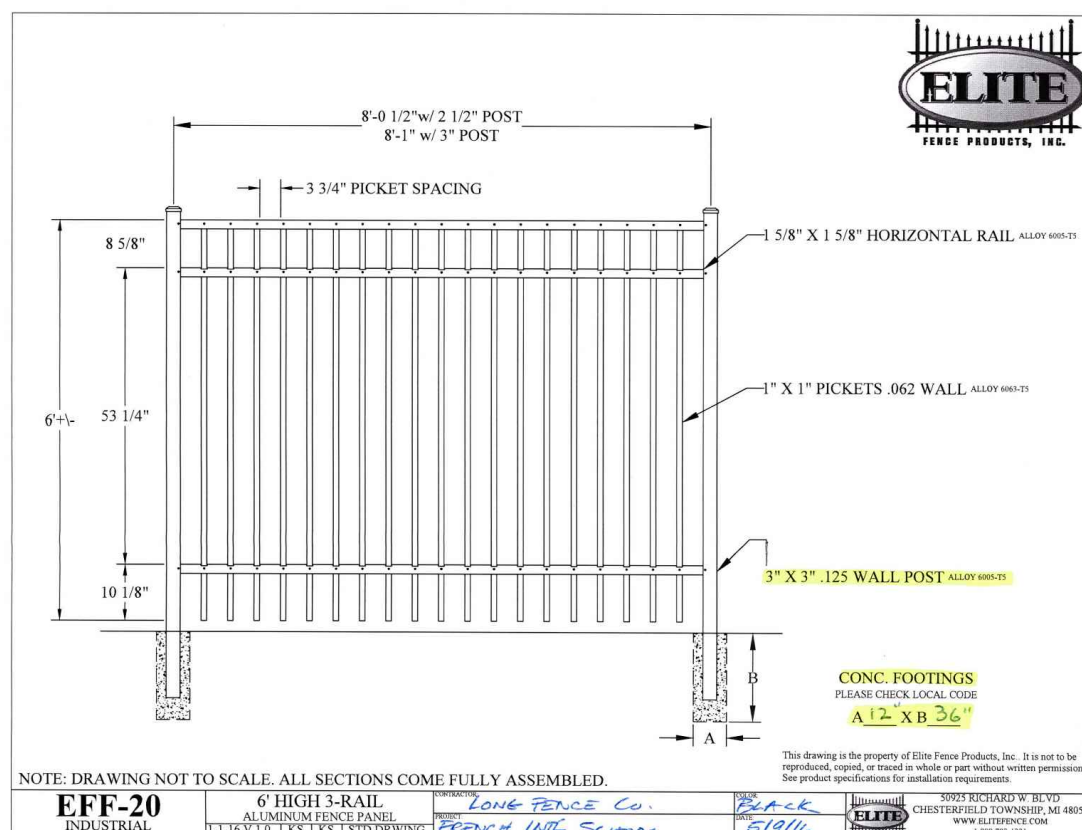
1000

Forest Conservation Data Table			
	Number of Acres		
Tract	11.2		
Remaining in Agricultural Use	-		
Road & Utility ROWs <sup>1</sup>	-		
Total Existing Forest	-		
Forest Retention	-		
Forest Cleared	-		
Land Use & Thresholds <sup>2</sup>			
Land Use	IDA	ARA, MDR, IDA, HDR, MDR, or OIA	
Conservation Threshold	20%	percent	
Afforestation Threshold	15%	percent	
	Total Channel Length (mi.)	Average Buffer Width (mi.) <sup>3</sup>	
Stream(s)	-	-	
Acres of Forest in			
	Retained	Cleared	Planted
Wetlands	-	-	-
100-Year Floodplain	-	-	-
Stream Buffers	-	-	-
Priority Areas	-	-	-

<sup>2</sup> Information from FC Land Use Categories & Thresholds document.

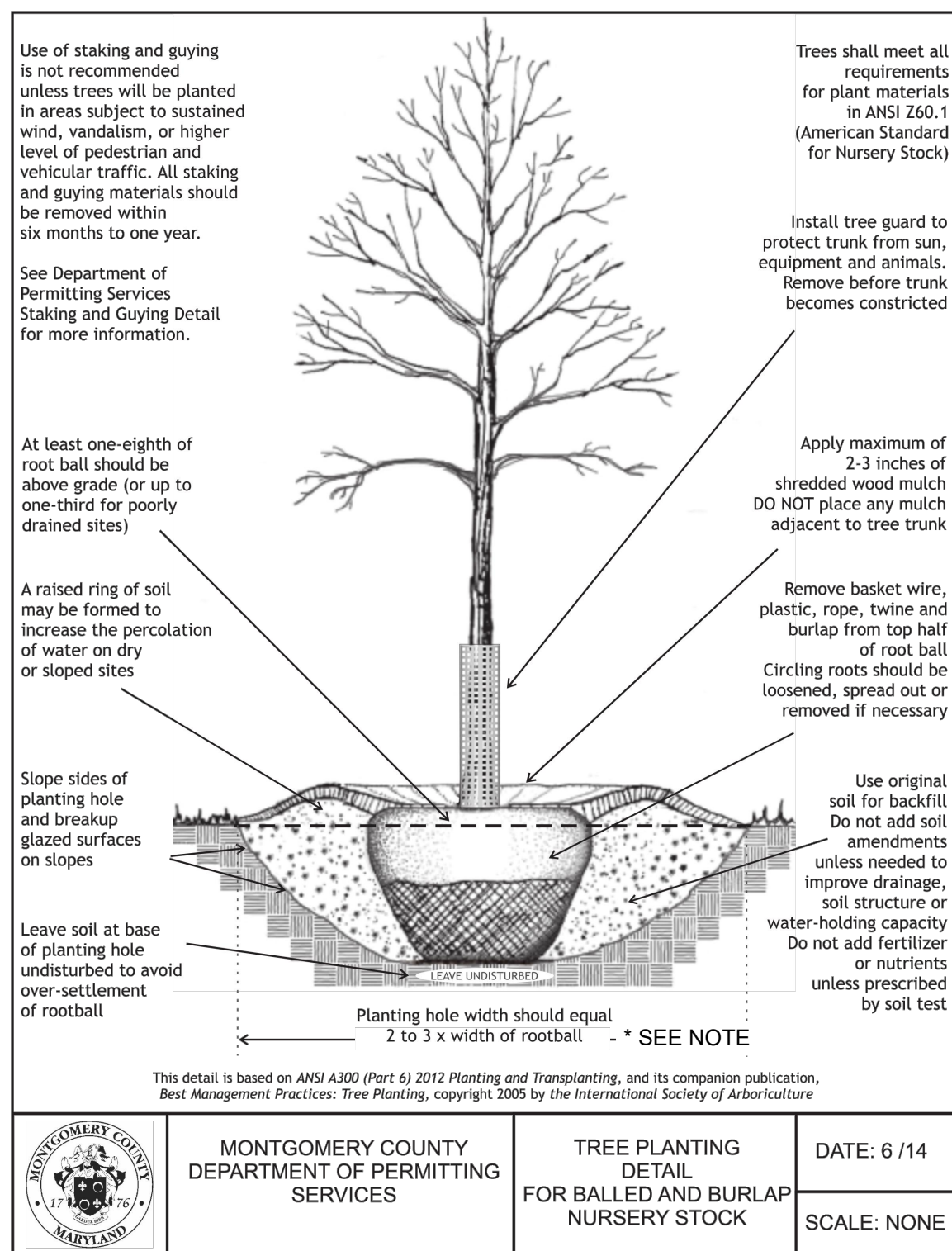
\_\_\_\_\_

N.T.S.



1. NOTE: THIS DETAIL IS ALSO SHOWN ON SHEET C2.05.

N.T.S



\*NOTE: REFERENCE SHEET 5 DETAIL 8A WHEN PLANTING LOCATION IS IN PRESERVED TREE CRITICAL ROOT ZONE.

- ## 8 TREE PLANTING DETAIL
- N.T.S.
- NOTES:
1. FOR ALL PLANTING AREAS WITHIN THE CRITICAL ROOT ZONES OF SPECIMEN AND SIGNIFICANT TREES.
  - 1.1. COORDINATE HAND DIGGING OF TREE PITS WITH THE CERTIFIED PROJECT ARBORIST.
  - 1.2. HAND DIG TREE PIT USING HAND SHOVEL OR OTHER MANUAL TOOLS.
  - 1.3. IF EXISTING TREE ROOTS 1" DIAMETER OR GREATER ARE ENCOUNTERED, MOVE THE HOLE OVER TO AVOID AND PROTECT THE EXISTING ROOT.
  - 1.4. DO NOT DIG THE TREE PIT 2 TO 3x THE ROOTBALL SIZE. INSTEAD, DIG THE HOLE LARGE ENOUGH TO FIT THE NEW TREE ROOTBALL PLUS SPACE FOR AMENDED SOIL AS APPROPRIATE FOR SURVIVAL OF THE TREE.

## 8A

**M-NCPPC**  
**Environmental Planning**  
**(301) 495-4540**

N.T.S.

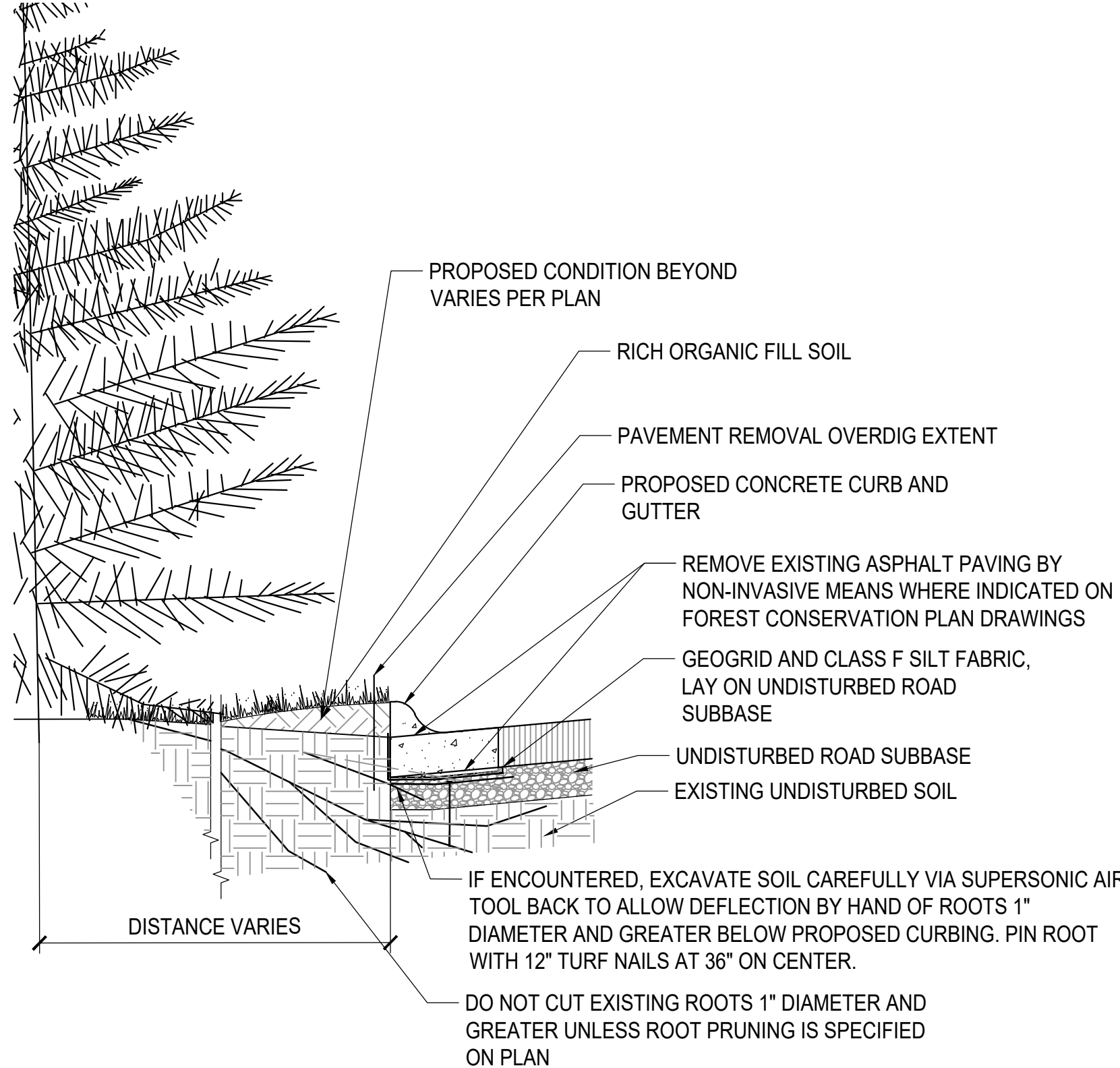
TOTAL CONSERVATION SUMMARY		
	REQUIRED	PROVIDED
TOTAL REFORESTATION	0 AC.	0 AC.
PROPOSED CAT. I CONSERVATION EASEMENT		0.51 AC.
PROPOSED CAT. II CONSERVATION EASEMENT		1.61 AC.
TOTAL AFFORESTATION	1.66 AC.	* SEE DETAIL 10, NOTE 2
OFFSITE AFFORESTATION	0 AC.	0.83 AC.
VARIANCE INCHES REMOVED		581.2
VARIANCE MITIGATION	145.3	148

## 5

STRESS REDUCTION MEASURES							
TREE ID	PROPOSED STATUS	DECLARED % CRZ IMPACT	PROTECTION FENCING	ROOT PRUNING	SUPPLEMENTAL WATERING	GROWTH REGULATOR APPLICATION	POST-CONSTRUCTION MONITORING & MAINTENANCE (YEARS)
SPECIMEN TREES							
6	PRESERVE	16.0	X	X	X	X	2
7	PRESERVE	8.0	X	X	-	-	1
9	PRESERVE	7.6	X	X	-	-	1
17	PRESERVE	28.1	X	X	X	X	2
20	PRESERVE	57.8	X	X	X	X	3
59	PRESERVE	30.5	X	X	X	X	3
63	PRESERVE	37.2	X				1
64	PRESERVE	17.3	X	X	X	-	2
65	PRESERVE	37.5	X			-	1
67	PRESERVE	13.0	X	X	-	-	1
79	PRESERVE	16.0	X	X	X	X	2
SIGNIFICANT TREES							
4	PRESERVE	31.0	X	X	X	X	3
28	PRESERVE	1.0	X	-	-	-	-
63	PRESERVE	37.2	X	X	-	-	1
95	PRESERVE	27.4	X	X	X	-	1
96	PRESERVE	16.3	X	X			3
98	PRESERVE	24.5	X	X	X	X	3

1. NOTE: APPLY THESE MEASURES WITHIN THE PORTION OF PRESERVED CRITICAL ROOT ZONE THAT IS LOCATED ON THE SUBJECT PROPERTY.

## 4



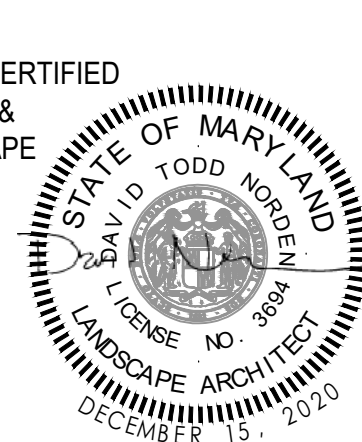
## NTS

APPLICANT:

HELENE FABRE, DIRECTOR OF ADMINISTRATION AND  
FINANCE, THE FRENCH INTERNATIONAL SCHOOL  
9600 FOREST ROAD, BETHESDA, MD 20814  
301-530-8260

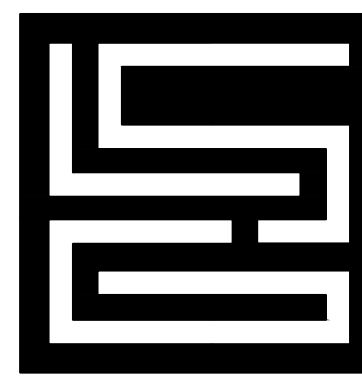
REVISIONS		
REV. NO.	DATE	DESCRIPTION
1	4/19/2019	FCP RESUBMISSION
2	3/9/2020	FCP RESUBMISSION
3	9/24/2020	FCP RESUBMISSION
4	12/2/2020	FCP RESUBMISSION
5	12/15/2020	FCP RESUBMISSION

PLAN PREPARED BY:  
DAVE NORDEN, ISA CERTIFIED  
ARBORIST MA5513A &  
MARYLAND LANDSCAPE  
ARCHITECT 3694



**Rochambeau - French International School**  
Bethesda, Montgomery County, Maryland

WSSC MAP 212NW05  
TAX MAP HP122  
PLAN #420181200  
**Prepared for Clark Azar & Associates**  
revised DECEMBER 15, 2020

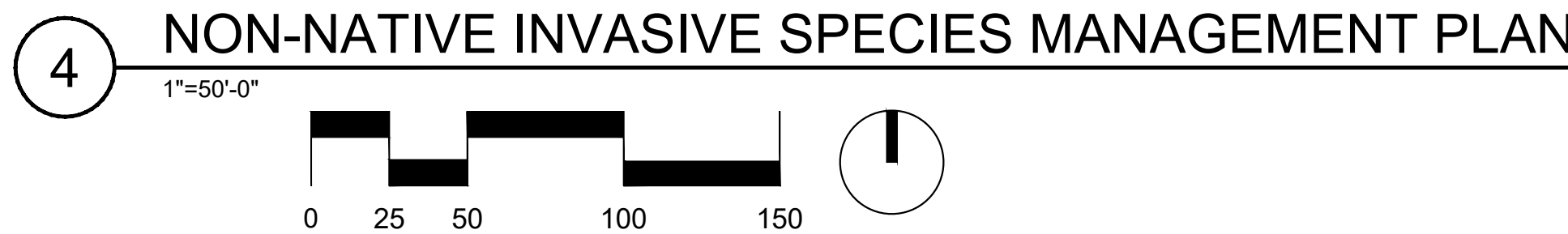


**LSG LANDSCAPE  
ARCHITECTURE**

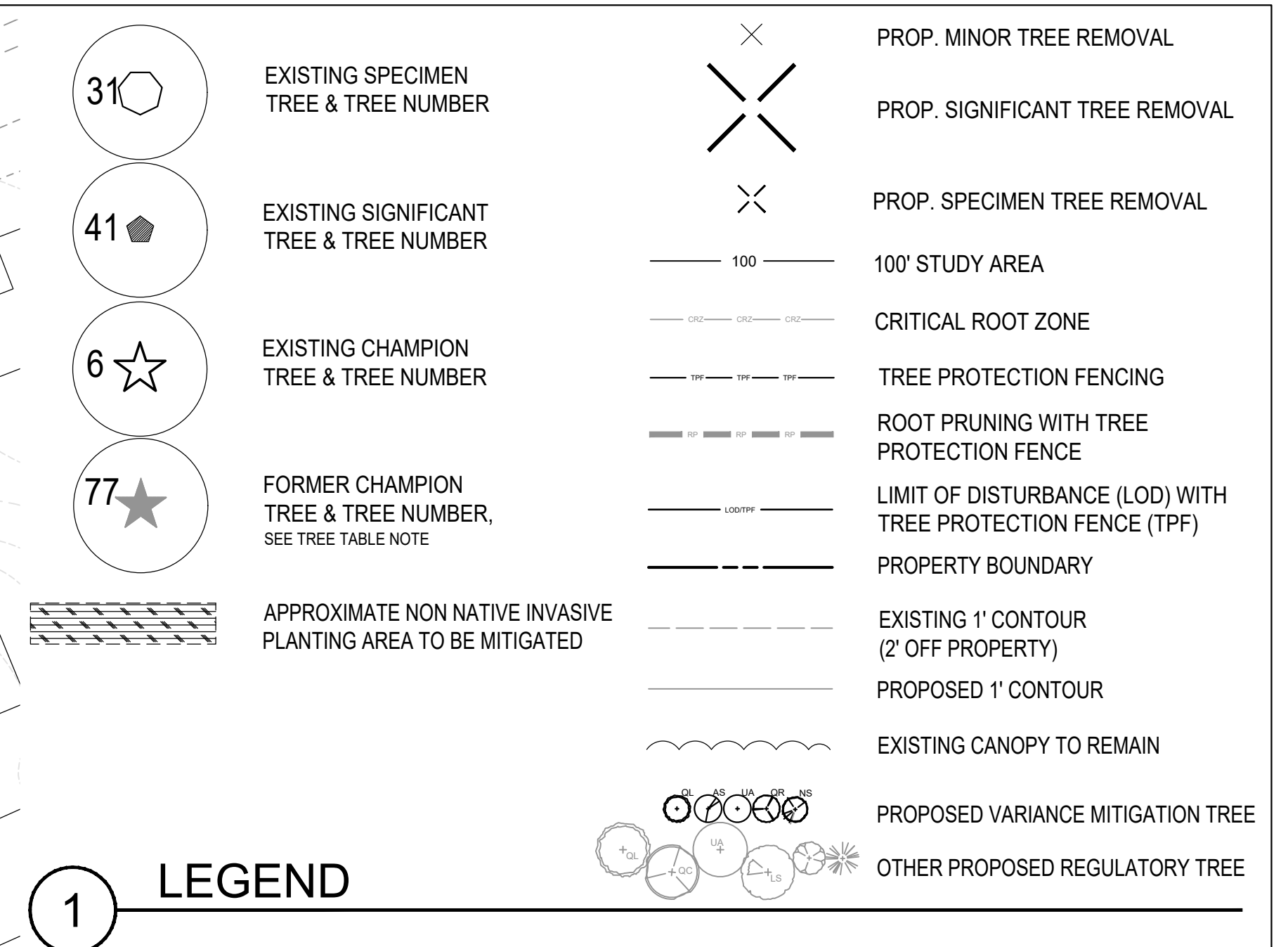
1775 GREENSBORO STATION PI  
SUITE 110  
TYSONS, VIRGINIA 22102  
703-821-2045

SHEET 5





	<i>Ligustrum vulgare</i> European privet	<i>Lonicera</i> ssp. Bush Honeysuckle	<i>Rosa multiflora</i> Multiflora Rose	<i>Ampelopsis brevipedunculata</i> Porcelainberry	<i>Hedera helix</i> English Ivy	<i>Vinca minor, Vinca major</i> Periwinkle	<i>Euonymus fortunei</i> Wintercreeper	<i>Albisia petiolata</i> Garlic Mustard
<b>Treatment Methods</b>								
Remove seedlings and light infestations by hand-pulling so the entire root system is extracted to prevent sprouting.	✓	✓						✓
Cut stems >1-inch diameter close to ground level and apply herbicide to cut stumps prior to seed dispersal. Foliar spray not recommended.	✓ Glyphosate or Triclopyr	✓ Glyphosate Apply: August-October Reapply: as needed following year	✓ Glyphosate or Triclopyr Apply: 3x each year for 3 years					
Remove by mowing and power or hand tools. Cut climbing vines near the base and several inches higher up. Apply herbicide by brush bottle to stumps and uncut foliage repeatedly to kill roots until no re-growth occurs.				✓ Triclopyr Apply: Winter midday when not freezing and not wet or snow-covered	✓ Triclopyr Apply: At least 3x each year. Reapply to new growth following initial treatment	✓ Triclopyr or Glyphosate Apply: June-October Reapply for 3 years	✓ Triclopyr Apply: At least 3x each year. Reapply to new growth following initial treatment	
Remove large or dense areas by mowing or power trimmer in early spring. Bag and remove seedpods from site if present. Apply herbicide by brush where not within 5-feet of desirable plantings.								✓ Glyphosate Apply: June-October Reapply for 3 years
<b>Inspection Period After Initial Treatment</b>	2 years	2 years	3 years	2 years	3 years	3 years	3 years	6 years



NOTES:

1. FINAL METHODS OF INVASIVE MANAGEMENT ARE TO BE APPROVED BY THE M-NCPPC FOREST CONSERVATION INSPECTOR.
2. NON-INVASIVE INVASIVE SPECIES LOCATIONS INDICATED ON THIS PLAN ARE APPROXIMATE FOR UNDISTURBED AND LOW CONSTRUCTION DISTURBANCE AREAS. ENGLISH IVY IS THE MOST WIDESPREAD SPECIES ON SITE. OTHER SPECIES NOTED IN THE TABLE OCCUR IN ISOLATED POCKETS. PROVIDE MANAGEMENT TECHNIQUES SPECIFIED WHERE THEY OCCUR AT TIME OF TREATMENT.

**MECHANICAL REMOVAL TECHNIQUES**  
INCLUDES THE FULL RANGE OF VEGETATION CONTROL AND REMOVAL ACTIVITIES USING POWER TOOLS AND HAND TOOLS. COMMON POWER TOOLS ARE MOWERS, INCLUDING BUSH-HOG TYPE EQUIPMENT; CHAIN SAWS, POWER PRUNERS, AND POWER TRIMMERS WITH VARIOUS ATTACHMENTS. HAND TOOLS (OR NON-POWER TOOLS) INCLUDE POLE SAWS AND POLE PRUNERS; A VARIETY OF HANDSAWS; BRUSH AXES AND BRUSH HOOKS; MACHETES, BANK BLADES AND SLING BLADES; MATTOCKS, AXES, AND PULASKI AXES; SHOVELS AND SPADING FORKS; LOPPERS, HAND PRUNERS, AND HEDGE SHEARS; AND LEVER-BASED TOOLS SUCH AS THE WEED WRENCH.

**MOWING/BUSH-HOGGING:** USEFUL TO CONTROL LARGE INFESTATIONS OF WINE SPECIES SPREADING HORIZONTALLY AND FORMING MONOCULTURES IN OPEN FIELDS AND ALONG FORTRESS EDGES. WHERE SUCH INFESTATIONS ARE ACCESSIBLE TO BUSH-HOGS WITH 15-20 INCH DIAMETER CUTS CAN BE CUT PRIOR TO FOLLOW-UP TREATMENT WITH HERBICIDES OR SMALLER TOOLS. USE OF BUSH-HOGS OR MOWERS IS ALSO APPROPRIATE FOR BUSH SHRUBS WHERE THE VEGETATION IS ACCESSIBLE TO MOWING EQUIPMENT AND USE OF THE EQUIPMENT WOULD NOT DAMAGE DESIRED VEGETATION OR CREATE UNWANTED DISTURBANCE. USING HEAVY EQUIPMENT IN WET AREAS CAN CREATE RUTS AND SOIL UP TO 4 INCHES DEEP. RUTS FOR INVASIVE SPECIES ARE A PROBLEM IN SOIL COMPACTION IN HIGH-QUALITY NATURAL AREAS CAN ALSO LEAD TO PROBLEMS BY DISCOURAGING THE RETURN OF NATIVE PLANTS FROM SEEDS BANKED IN THE SOIL, AND ALLOW NON-NATIVES TO RETURN INSTEAD.

CHAIN SAWS, POWER PRUNERS, POWER TRIMMERS:  
POWER TOOLS THAT ARE CARRIED BY HAND INTO TREATMENT AREAS. IN MANY CASES, THESE TOOLS ARE USED WHERE STAFF WORKS IN TEAMS TO CUT PLANT STEMS AND THEN APPLY HERBICIDE. HANDHELD POWER TOOLS ARE PREFERRED FOR INFESTATIONS WHERE USE OF BUSH-HOGS OR MOWERS WOULD CREATE TOO MUCH DISTURBANCE.

**HAND TOOLS:** WHEN SOILS ARE MOIST, THE USE OF HAND TOOLS TO UPROOT AND REMOVE INFESTATIONS IS A HIGHLY EFFECTIVE APPROACH. THERE MAY BE CASES WHERE POWER TOOLS OF ANY KIND ARE NOT APPROPRIATE FOR NNI CONTROL, SUCH AS SITUATIONS WHERE UNWANTED PLANTS ARE GROWING IN CLOSE ASSOCIATION WITH THREATENED OR ENDANGERED SPECIES, OR ANY NATIVE PLANTS SENSITIVE TO CONSTRUCTION IMPACTS.

EQUIPMENT MAINTENANCE:  
TRUCK TIRES, MOWER TIRES, BOOT SOLES, CLOTHING, POWER TOOLS, AND HAND TOOLS BECOME VECTORS FOR THE SPREAD OF NNIS IF SEEDS OR PLANT PARTS ARE TRANSPORTED FROM TREATMENT SITES. PRIOR TO LEAVING THE SITE, CHECK EQUIPMENT AND CLOTHING FOR SEED OR PLANT PARTS THAT MAY HAVE ADHERED TO THEM, AND CHECK TIRES AND UNDERCARRIAGE AREAS OF WHEELED EQUIPMENT.

HERBICIDE USE GUIDE		
WARNING: ONLY STATE LICENSED PESTICIDE APPLICATORS MAY USE THESE PRODUCTS. REFER TO LABEL DIRECTIONS FOR CURRENT MIXING, APPLICATION METHODS, PRECAUTIONS, AND DISPOSAL. FOR THIS SITE USE ONLY PRODUCTS THAT ARE SAFE TO USE NEAR WATER. CHECK MATRIC ON EACH SHEET TO DETERMINE TYPE OF CHEMICAL THAT WILL WORK TO CONTROL EACH INDIVIDUAL SPECIES.		
GENERIC NAME	BRANDS/MANUFACTURER	COMMENTS
TRICLOPYR SALT	<b>GARLON 3A</b> DOW AGROSCIENCES 44.4% ACTIVE INGREDIENT	DICOT-SPECIFIC (WILL NOT KILL GRASSES); CAN BE USED TO FOLIAR, CUT SURFACE, BASAL BARK TREATMENTS. SAFE FOR USE OVER OR NEAR WATER.
TRICLOPYR ESTER	<b>GARLON 4</b> DOW AGROSCIENCES 61.6% ACTIVE INGREDIENT.	DICOT-SPECIFIC (WILL NOT KILL GRASSES); CAN BE USED FOR FOLIAR, CUT SURFACES, BASAL BARK TREATMENTS DO NOT USE OVER OR NEAR WATER
TRICLOPYR ESTER	<b>VINE-X</b> UPM CORPORATION 13.6% ACTIVE INGREDIENT <b>PATHFINDER II</b> DOW AGROSCIENCES 13.6% ACTIVE INGREDIENT	BOTH ARE READY-TO-USE PRODUCTS FORMULATED FOR CUT STEM OR BASAL BARK TREATMENTS. DO NOT USE OVER OR NEAR WATER
GLYPHOSATE W/ SURFACANT	<b>ROUNDUP ORIGINAL</b> <b>ROUNDUP ORIGINAL II</b> <b>ROUNDUP PRO</b> MONSANTO COMPANY ALL ARE 41% ACTIVE INGREDIENT	NON-SELECTIVE (WILL KILL ALL VEGETATION); CAN BE USED FOR FOLIAR, CUT SURFACE, BASAL BARK TREATMENTS DO NOT USE OVER OR NEAR WATER
GLYPHOSATE W/O SURFACANT	<b>RODEO</b> DOW AGROSCIENCES 53.8% ACTIVE INGREDIENT	NON-SELECTIVE (WILL KILL ALL VEGETATION); CAN BE USED FOR FOLIA AND CUT SURFACE TREATMENTS SAFE FOR USE OVER OR NEAR WATER.

### 3 NON-NATIVE INVASIVE SPECIES TABLE

REVISIONS		
REV. NO.	DATE	DESCRIPTION
1	4/19/2019	FCP RESUBMISSION
2	3/9/2020	FCP RESUBMISSION
3	9/24/2020	FCP RESUBMISSION
4	12/2/2020	FCP RESUBMISSION
5	12/15/2020	FCP RESUBMISSION

APPLICANT:

HELENE FABRE, DIRECTOR OF ADMINISTRATION AND  
FINANCE, THE FRENCH INTERNATIONAL SCHOOL  
9600 FOREST ROAD, BETHESDA, MD 20814  
301-530-8260

PLAN PREPARED BY:  
DAVE NORDEN, ISA CERTIFIED  
ARBORIST MA5513A &  
MARYLAND LANDSCAPE  
ARCHITECT 3694

**PRELIMINARY/FINAL  
FOREST CONSERVATION PLAN**  
Rochambeau - French International School  
Bethesda, Montgomery County, Maryland

WSSC MAP 212NW05  
TAX MAP HP122  
PLAN #420181200

**Prepared for Clark Azar & Associates**  
revised DECEMBER 15, 2020



**LSG LANDSCAPE  
ARCHITECTURE**

1775 GREENSBORO STATION PL.  
SUITE 110  
TYSONS, VIRGINIA 22102  
703-821-2045

SHEET 6