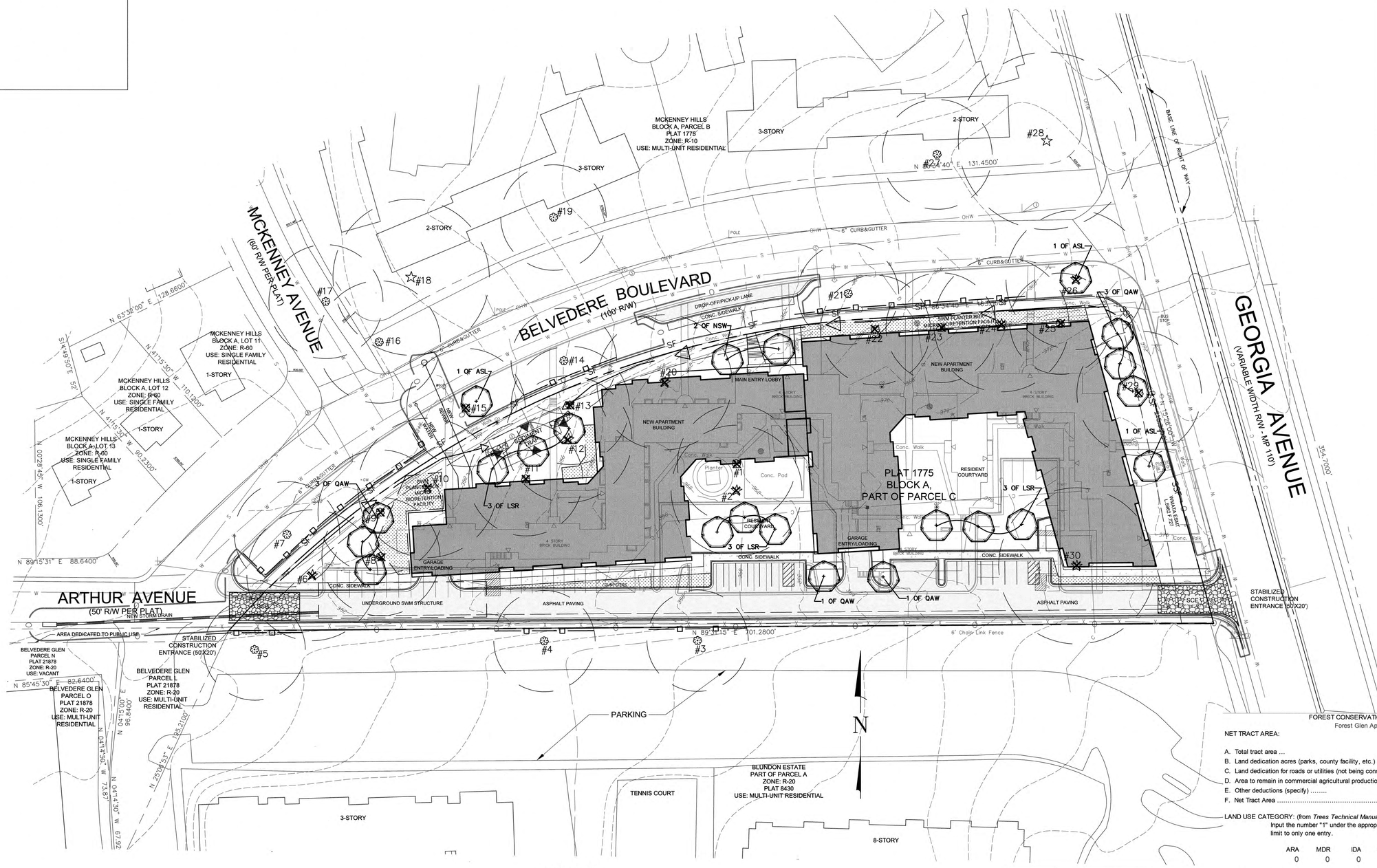

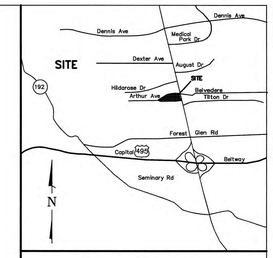

VICINITY MAP
SCALE 1" = 2,000'

MHG
Civil Engineers
Land Planners
Landscape Architects
Land Surveyors

9220 Wightman Road, Suite 120
Montgomery Village, MD 20886
Phone: 301.670.0840
www.mhgpa.com

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FRANK C. JOHNSON
2/21/19
DATE
MD.DEPT. OF NATURAL RESOURCES
COMAR 08.19.06.01

Qualified Professional Certification
I hereby certify that the information shown hereon is correct and that this plan has been prepared in accordance with the requirements of the existing state and city forest conservation legislation.

OWNER

MHP FOREST GLEN, LLC

12200 TECH ROAD, SUITE 250
SILVER SPRING, MD 20904
CONTACT: PRAJ KASBEKAR
(301) 622-2400
PKASBEKAR@MHPARTNERS.ORG

LAND USE ATTORNEY

BALLARD SPAHR, LLP
1909 K STREET, NW, 12TH FLOOR
WASHINGTON, DC 20006
CONTACT: EMILY VAIAS
(202) 661-2239
VAIASE@BALLARDSPAHR.COM

ARCHITECT

GRIMM AND PARKER
11720 BELTSVILLE DRIVE
SUITE 600
CALVERTON, MD 20705
(301) 595-1000

LAND PLANNER

TOWNSCAPE DESIGN, LLC
6030 DAYBREAK CIRCLE
SUITE A150
CLARKSVILLE, MD 21029
CONTACT: DAVID AGER
(410) 531-2621
DAGER@TOWNSCAPEDESIGN.COM

REVISIONS

NO.	DESCRIPTION	DATE

JP12 212NW02

PLAT 1775

13TH ELECTION DISTRICT
MONTGOMERY COUNTY
MARYLAND

FOREST GLEN APARTMENTS
9920 GEORGIA AVENUE
PART OF PARCEL C
BLOCK A PLAT 1775

PROJ. MGR	KDJ
DRAWN BY	FCJ
SCALE	1"= 30'
DATE	02-21-19

PRELIMINARY FOREST CONSERVATION PLAN

PROJECT NO.	18.197.11
SHEET NO.	1 OF 1

TREE TABLE

TREE ID#	COMMON NAME	BOTANICAL NAME	SIZE (DIAMETER)	CONDITION	DISPOSITION	VARIANCE MITIGATION
1	TULIP POPLAR	LIRIODENDRON TULIPIFERA	28	Fair/Good - DW	REMOVE	NA
2	TULIP POPLAR	LIRIODENDRON TULIPIFERA	31	Fair - DW, canopy damage, vines	REMOVE	31"
3	WHITE MULBERRY	MORUS ALBA	24	Poor - trunk damage, vines, DW	SAVE	NA
4	BLACK WALNUT	JUGLANS NIGRA	24	Fair/Good - DW, vines	SAVE	NA
5	WHITE MULBERRY	MORUS ALBA	24	Poor - DW, damage	SAVE	NA
6	SYCAMORE	PLATANUS OCCIDENTALIS	31	Fair/Poor - Damage trunk, would closure, root damage, epicormic growth	REMOVE	31"
7	SYCAMORE	PLATANUS OCCIDENTALIS	25	Fair/Good - root damage, wound closure	SAVE	NA
8	SYCAMORE	PLATANUS OCCIDENTALIS	28	Fair - DW, leans	REMOVE	NA
9	SYCAMORE	PLATANUS OCCIDENTALIS	29.5	Fair/Good - DW, canopy damage	REMOVE	NA
10	SYCAMORE	PLATANUS OCCIDENTALIS	33	Fair - vines, DW	REMOVE	33"
11	RED MAPLE	ACER RUBRUM	27	Fair/Good - DW, vines	REMOVE	NA
12	SYCAMORE	PLATANUS OCCIDENTALIS	30	Poor - dieback, DW, vines, rot, main leader gone	REMOVE	30"
13	SYCAMORE	PLATANUS OCCIDENTALIS	28	Fair - wound closure, DW, sapsucker holes, lean	REMOVE	NA
14	SYCAMORE	PLATANUS OCCIDENTALIS	25	Fair/Good - DW, wound closure	SAVE	NA
15	SYCAMORE	PLATANUS OCCIDENTALIS	28	Fair - canopy damage, DW	REMOVE	NA
16	RED MAPLE	ACER RUBRUM	29	Poor - cavity, DW	SAVE	NA
17	RED MAPLE	ACER RUBRUM	27	Fair - DW, root flare swollen, root damage	SAVE	NA
18	SYCAMORE	PLATANUS OCCIDENTALIS	37	Fair/Poor - DW, canopy damage, epicormic growth	SAVE	NA
19	EASTERN HEMLOCK	TSUGA CANADENSIS	25	Fair - DW, leans	SAVE	NA
20	SYCAMORE	PLATANUS OCCIDENTALIS	32	Poor - topped, vines, DW, rot	REMOVE	32"
21	SYCAMORE	PLATANUS OCCIDENTALIS	24	Good - DW	SAVE	NA
22	SYCAMORE	PLATANUS OCCIDENTALIS	26	Fair - DW, canopy damage	REMOVE	NA
23	SYCAMORE	PLATANUS OCCIDENTALIS	26	Fair/Good - DW	REMOVE	NA
24	SYCAMORE	PLATANUS OCCIDENTALIS	32	Poor - Bark loss, major DW	REMOVE	32"
25	SYCAMORE	PLATANUS OCCIDENTALIS	24	Fair - DW, heavy vines	REMOVE	NA
26	SYCAMORE	PLATANUS OCCIDENTALIS	33	Fair - root flare issues, DW, poorly pruned	REMOVE	33"
27	SYCAMORE	PLATANUS OCCIDENTALIS	26	Fair - partly topped	SAVE	NA
28	AMERICAN BEECH	FAGUS GRANDIFOLIA	42	Fair - significant DW, cavity	SAVE	NA
29	SYCAMORE	PLATANUS OCCIDENTALIS	29.5	Fair - root damage, epicormic growth, DW, vines	REMOVE	NA
30	SYCAMORE	PLATANUS OCCIDENTALIS	37	Poor - DW, heavily pruned, all 3 main leaders topped	REMOVE	37"
				TOTAL:		259"

259 / 4 = 64.75" Planted with 3" DBH trees = 22 trees to be planted for variance mitigation

NOTE: SPECIMEN TREE #26 IS IN RIGHT OF WAY AND THEREFORE TWO VARIANCE MITIGATION TREES ARE PROPOSED TO BE PLANTED BACK IN THE RIGHT OF WAY.

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.
30 0 15 30 60
9.14 0 4.57 9.14 18.28
(IN METERS)
1 inch = 9.14 m.

ON-SITE SPECIMEN TREE MITIGATION LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL	ROOT	MITIGATION PROVIDED* (Caliper inches)
LSR	9	Liquidambar styraciflua 'Rotundiloba'	Fruitless Sweetgum	3-3½"	B&B	27
NSW	2	Nyssa sylvatica ' Wildfire'	Wildfire Black Gum	3-3½"	B&B	6
ASL	3	Acer saccharum 'Legacy'	Legacy Sugar Maple	3-3½"	B&B	9
QAW	8	Quercus alba	White Oak	3-3½"	B&B	24
			TOTAL SPECIMEN TREE MITIGATION PROVIDED			66

FOREST CONSERVATION DATA TABLE

DESCRIPTION	SIZE
Total Tract Area (includes 0.35 acres of off-site disturbance)	2.98 Acres
Tract remaining in Ag use	0.00 Acres
Road & Utility ROW (Unimproved)	0.00 Acres
Existing Forest	0.00 Acres
Total Forest Retention	0.00 Acres
Total Forest Cleared	0.00 Acres
Land Use Category	
Afforestation Threshold	15%
Reforestation Threshold	20%

Stream(s) Length: NA Average Buffer Width: NA

Acres of Forest in:	Retained	Cleared	Planted
Wetlands			
100yr Floodplain			
Stream Buffers			
Other Priority Areas			

FOREST CONSERVATION NOTES:

1. SUBJECT PROPERTY: PART OF PARCEL C BLOCK A, MCKENNEY HILLS, PLAT 1775
2. ADDRESS: 2106 BELVEDERE BLVD, SILVER SPRING, MD 20904
3. TAX ACCOUNT: 13-01125413
4. TOTAL TRACT AREA: 2.63 ACRES
5. WATERSHED: LOWER ROCK CREEK USE: I
6. SPECIAL PROTECTION AREA: NA
7. PRIMARY MANAGEMENT AREA: NA
8. NO WETLANDS, FLOODPLAINS, STREAMS, OR ASSOCIATED BUFFERS EXIST ON THE PROPERTY.
9. NO RARE, THREATENED, OR ENDANGERED SPECIES WERE OBSERVED ON THE PROPERTY.
10. THE SITE IS NOT LISTED ON THE LOCATIONAL ATLAS AND INDEX OF HISTORIC SITES.
11. FIELD WORK CONDUCTED ON 12/18/18.
12. ON-SITE TOPOGRAPHY BY MACRIS, HENDRICKS, & GLASCOCK P.A.
13. OFF-SITE TOPOGRAPHY FROM MNCPPC 212NW02
14. NO FOREST EXISTS ON-SITE.
15. CURRENT ZONE: R-10

LEGEND

- SPECIMEN TREE
- SIGNIFICANT TREE
- TREE CANOPY
- OVERHEAD WIRES
- TREE TO BE REMOVED
- LIMIT OF DISTURBANCE
- PROPOSED SHADE TREE FOR VARIANCE TREE MITIGATION
- TEMP. TREE PROTECTION FENCE, ROOT PRUNING, & TEMPORARY TREE PROTECTION SIGNAGE (AS SHOWN IN TREE FENCE DETAIL)
- CRITICAL ROOT ZONE
- SF — SILT FENCE
- SSF — SUPER SILT FENCE
- EARTH DIKE

FOREST CONSERVATION WORKSHEET
Forest Glen Apartments

NET TRACT AREA:

A. Total tract area ...		2.98
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)		0.00
F. Net Tract Area .....=		2.98

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	0	1	0	0

G. Afforestation Threshold ...	15%	x F =	0.45
H. Conservation Threshold ...	20%	x F =	0.60

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	1
R. Credit for retention above conservation threshold .....=	0.00	
S. Total reforestation required .....=	0.00	1
T. Total afforestation required .....=	0.45	
U. Credit for landscaping (may not exceed 20% of "S") .....=	0.00	
V. Total reforestation and afforestation required .....=	0.45	

w orksheet updated 8/5/2002

0.45 acre Forest Conservation requirement to be met in an off-site forest mitigation bank.

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