

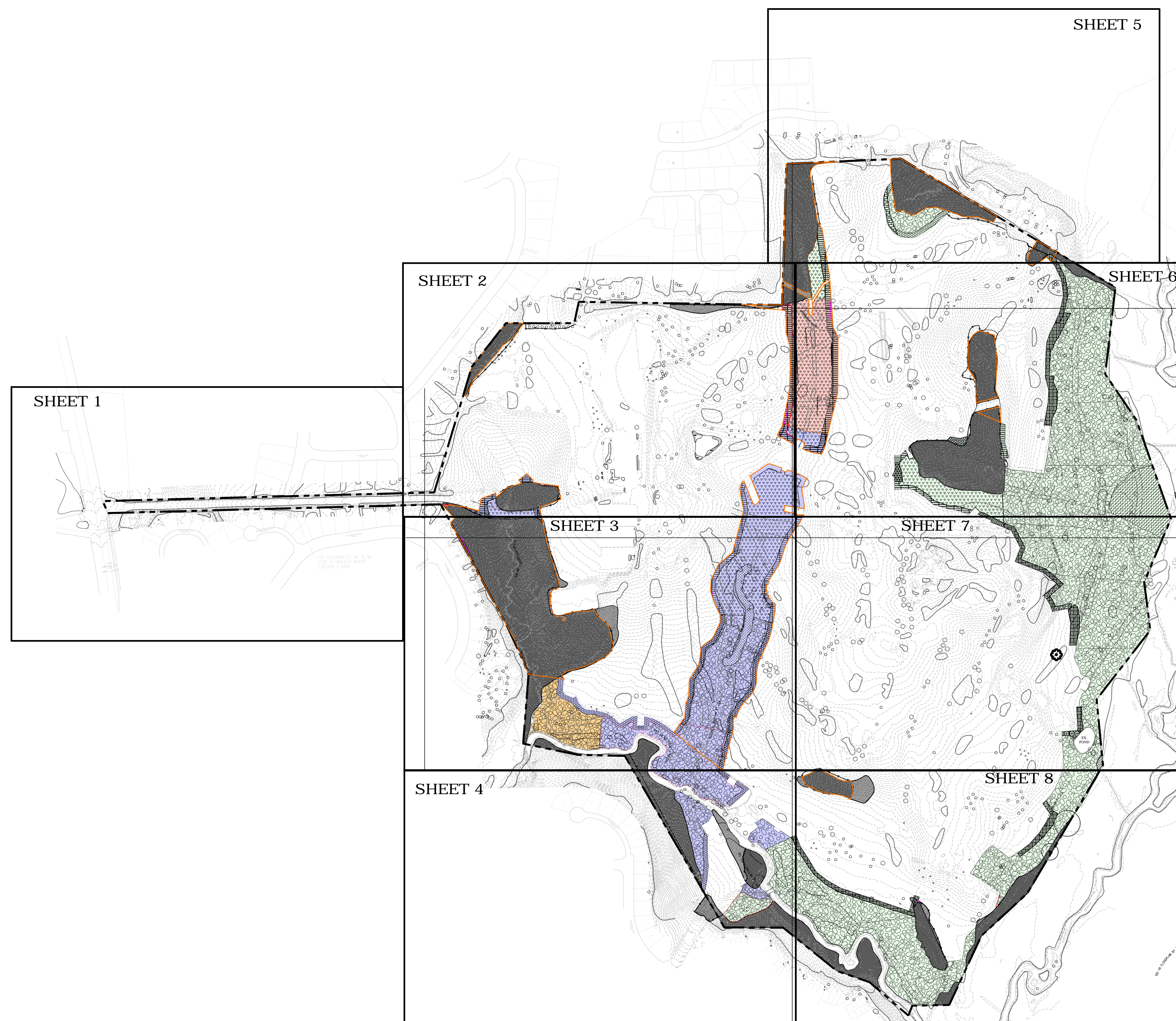
AMENDMENT #3 NARRATIVE:

THE POPLAR RUN FINAL FOREST CONSERVATION PLAN (FFCP) AMENDMENT #3 INCLUDES REVISIONS FOR FOREST CONSERVATION EASEMENT LINES DUE TO CHANGES TO THE PROPOSED SEWER IN PHASE 3 AND PARK DEDICATION LINE. REVISIONS INCLUDE ADJUSTMENTS TO THE PROPOSED INFRASTRUCTURE RECOMMENDED BY THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (DPS) AND THE WASHINGTON SUBURBAN SANITARY COMMISSION (WSSC). SINCE THE SEWER IS PARTICULARLY DEEP THE EASEMENT NEEDS TO BE EXPANDED TO A 35-FOOT-WIDE EASEMENT, WHICH WAS NOT PREVIOUSLY SHOWN ON THE FFCP. THE INCREASE IN SEWER EASEMENTS REQUIRED THE ADJACENT STORM DRAIN AND STORM DRAIN EASEMENT TO MOVE FURTHER NORTH AFFECTING FOREST CONSERVATION AREAS. THESE PROPOSED CHANGES WERE MADE UNDER A CONTRACT BETWEEN SEWER MANHOLE'S 1, 2, 3, 17, AND 18 AND THE STORM DRAIN EASEMENT FOR MH 411A-409-407. OTHER CHANGES THAT WERE MADE WERE FOR CHANGES TO PARK DEDICATION BOUNDARY WHICH AFFECTED FOREST CONSERVATION CALCULATIONS.

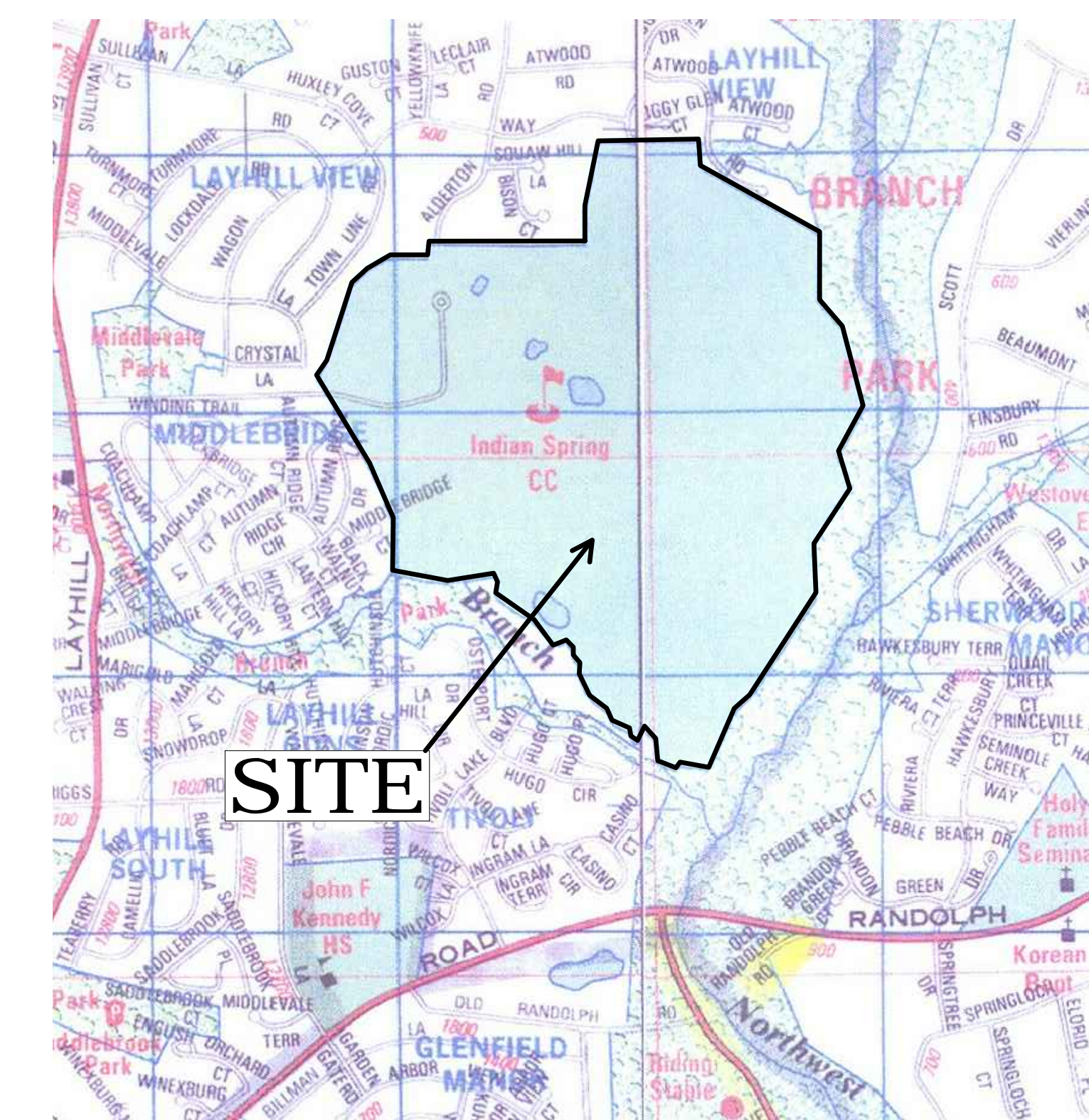
WHILE THERE ARE MORE REVISIONS TO OTHER ASPECTS OF THE FINALE ENGINEERING PLANS THAT WILL REQUIRE AMENDMENT OF THE SITE PLAN, THOSE CHANGES DO NOT AFFECT THE FOREST CONSERVATION PLAN.

ESA IS REQUESTING APPROVAL OF THE FFCP DUE TO THESE NECESSARY CHANGES DICTATED BY DPS AND WSSC.

Attachment 2



Scale: 1"=300'



VICINITY MAP
Scale: 1"=500'

NOTES:

1. Winchester Homes has entered into an agreement with the Maryland Department of the Environment for a voluntary cleanup of the soils associated with the existing golf course use (tees and greens) at this property. The temporary limits of disturbance and sediment control protection for this activity is not represented on this FFCP, but is represented on the Sediment Control Plans prepared by LSA entitled "Poplar Run-Voluntary Soils Removal Program", approved 8.7.09. A copy of this supplement plan will be forwarded to MNCPPC for inclusion in the FFCP file for this property.

2. All on-site forest retention areas and forest plant areas are to be placed in conservation easements or within park dedication.

3. MNCPPC Environmental Planning and Parks staff have reviewed the preliminary design of the road crossing at the site plan stage and accepted the span bridge concept. Due to the timing allowed by preliminary plan condition 2d ("road shall be open to traffic prior to the issuance of the 580th building permit"), the final engineering plans for the road crossing are not completed with the Final FCP. The applicant must submit the final construction plans, including the detailed design of the stream bank and trails under the road crossing, to MNCPPC Environmental Planning staff for review and approval as an addendum to the FFCP prior to obtaining MCDPS approval and permit for the road crossing." These plans will be submitted in the future.

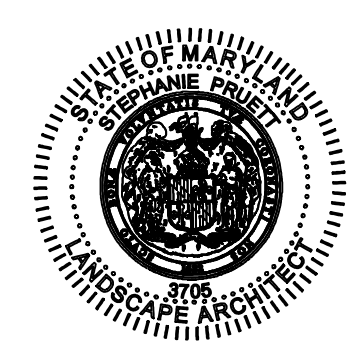
4. Stream restoration plans have been presented to MNCPPC (Environmental Planning and Parks), MDE, and MCDPS for preliminary review. Agency staffs support the restoration design concept. MDE will review the final design plans, and MCDPS will review the sediment and erosion control plans. These are currently being engineered, and were reviewed recently by MCDPS, but not approved. After approval of the final design plans and sediment and erosion control plans, the applicant will submit the MDE- and MCDPS-approved plans to MNCPPC Environmental as addendums to the FFCP.

5. Trees and shrubs must be planted at least 15 feet away from the toe of slope of any stormwater management facility, as required by MD-378 standards.

REVISIONS		
NO.	DESCRIPTION	DATE
1	Original submission	7.10.06
2	Revised FCP based on Env. Planning comments	12.06
3	Revised FCP based on Env. Planning comments	5.07
4	Revised FCP based on Env. Planning comments	8.07
5	Revised FCP based on Env. Planning comments and final engineering	2.08
6	Revised FCP based on Env. Planning comments	3.08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4.08
8	Revised FCP based on Env. Planning comments and final engineering	8.08
9	Revised FCP based on Env. Planning comments	9.08
10	Revised FCP based on Env. Planning comments	10.08
11	Revised plant areas based on DPS comment	10.16.08
12	Revised per site plan amendment & SWM design	4.11
13	Revised per Planning staff comments	9.11
14	Revised per Planning staff comments	11.11
15	Revised per Planning staff comments	1.12
16	Revised per Planning staff comments	2.12
17	LOD change at Tivoli Lake Blvd. culvert and in Phase 3	3.13
18	Revised existing forest total	9.13
19	Addressed county comments, revised existing/clear/save forest	6.14

AMENDMENT #3 TO FINAL FOREST CONSERVATION PLAN POPLAR RUN

(Formerly Known as Indian Spring)
Montgomery County, Maryland



Applicant:
Winchester Homes
6905 Rockledge Drive
Suite 800
Bethesda, Maryland 20817
(301) 803-4800

DEVELOPER'S CERTIFICATE
The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #20075002, including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
Printed Company Name: _____
Contact Person or Owner: Michael Leman
Printed Name: _____
Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
Phone and Email: 301-803-4800 michael.leman@whhomes.com
Signature: _____

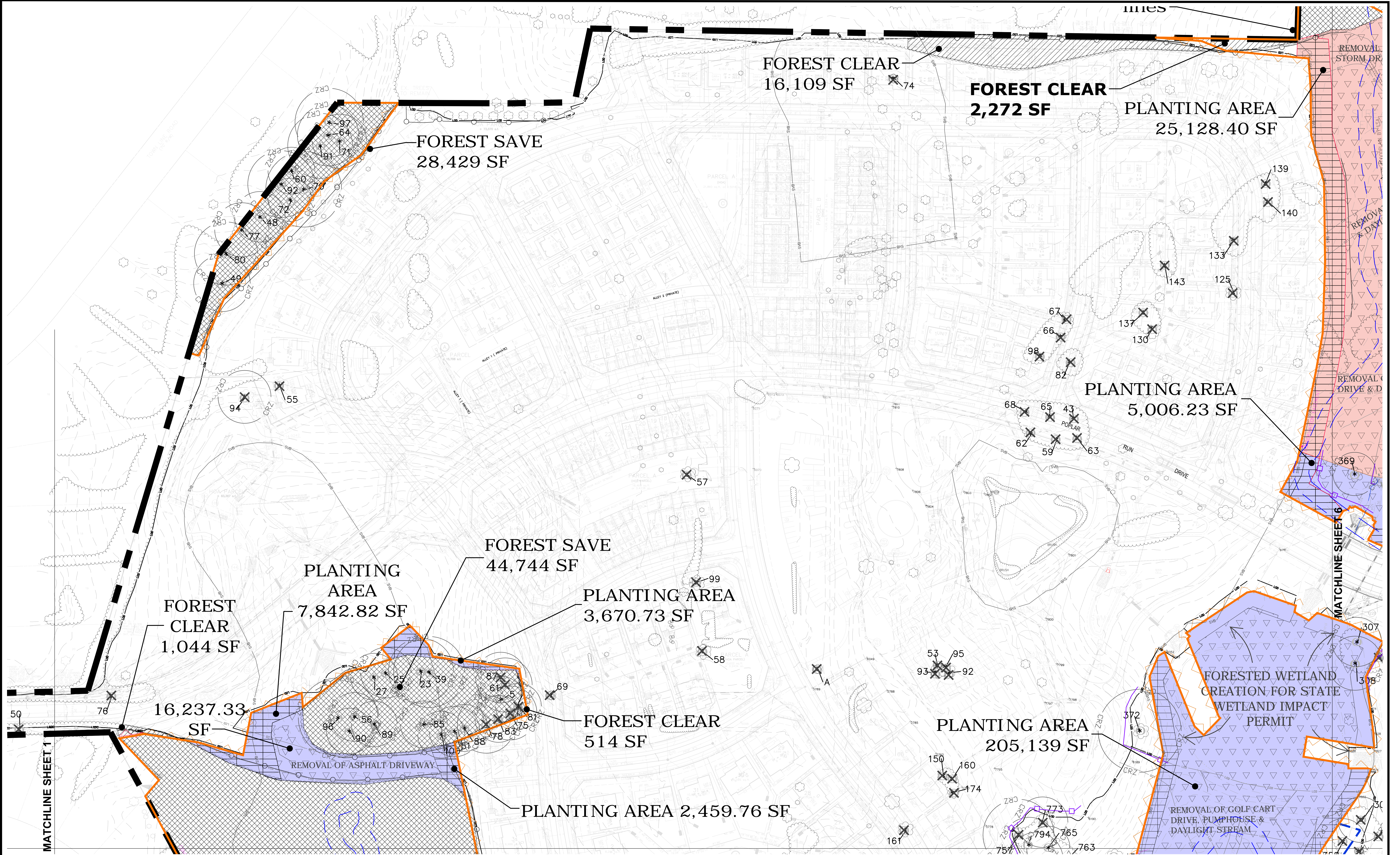


AMENDMENT #3 TO FINAL FCP

POPLAR RUN (Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: as shown
DATE: 06.11.14
ESA JOB #: 03-04
DRAWING: 200304-Indian Spring/CAD Drawings/Individual Drawings/Amend 3
SHEET: cover



PLANTING LEGEND

PLANTING ZONE 1	FOREST SAVE AREAS
PLANTING ZONE 2A	FOREST CLEAR AREAS
PLANTING ZONE 2B	FOREST PLANTING AREAS (Base Requirement)
PLANTING ZONE 3A	FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
PLANTING ZONE 3B	FOREST PLANTING AREAS (Forest Planting Bank)
PLANTING ZONE 4	FOREST PLANTING AREA (Forested Wetland Creation)*
PLANTING ZONE 5**	
PLANTING ZONE 6	
PLANTING ZONE 7**	
PLANTING ZONE 8	
PLANTING ZONE 9**	

*Actual forested wetland creation to occur within the Forest Planting Bank, within the floodplain of Northwest Branch (see Planting Zone 4 on sheets 6 and 7). Since the 2.10-acre forested wetland creation planting is part of Winchester Homes' obligation, 2.10 acres of planting (in addition to the Base Requirement of 19.2 acres and the Buffer Mitigation planting requirement of 5.13 acres) is allotted within the areas to be planted by Winchester Homes, for a total of 26.43 acres to be planted by Winchester Homes.

**A buffer strip of trees will be planted within parkland at the rear and sides of lots to demarcate the property boundary between lots and parkland. The buffer strips will be planted during the first planting season after the earlier of: stabilization of slopes to finished grade within the parkland adjacent to the lots, or removal of the sediment trap(s) serving the lots. M-NCPPC and DPS inspectors will coordinate in the field when this point in time occurs for each row of lots, and the M-NCPPC inspector will notify the builder at the appropriate time when the buffer strip planting is expected to occur.

GENERAL LEGEND

—	LIMIT OF DISTURBANCE	⊗	SIGNIFICANT/SPECIMEN TREE
- - -	TEMPORARY LIMIT OF DISTURBANCE	⊗	CHAMPION TREE
—	BRL'S FOR EACH LOT	⊗	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
- - -	ENVIRONMENTAL BUFFER	⊗	SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
- - -	EXISTING TREE LINE	⊗	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
—	PROPERTY BOUNDARY	⊗	TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
—	100-YEAR FLOODPLAIN	⊗	CRITICAL ROOT ZONE
—	25-FOOT FLOODPLAIN BRL	⊗	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE
—	FCP EASEMENT		
—	REASON FOR TEMP. LOD		
—	PROPOSED PARK DEDICATION		
—	PERMANENT PARK BOUNDARY POST		

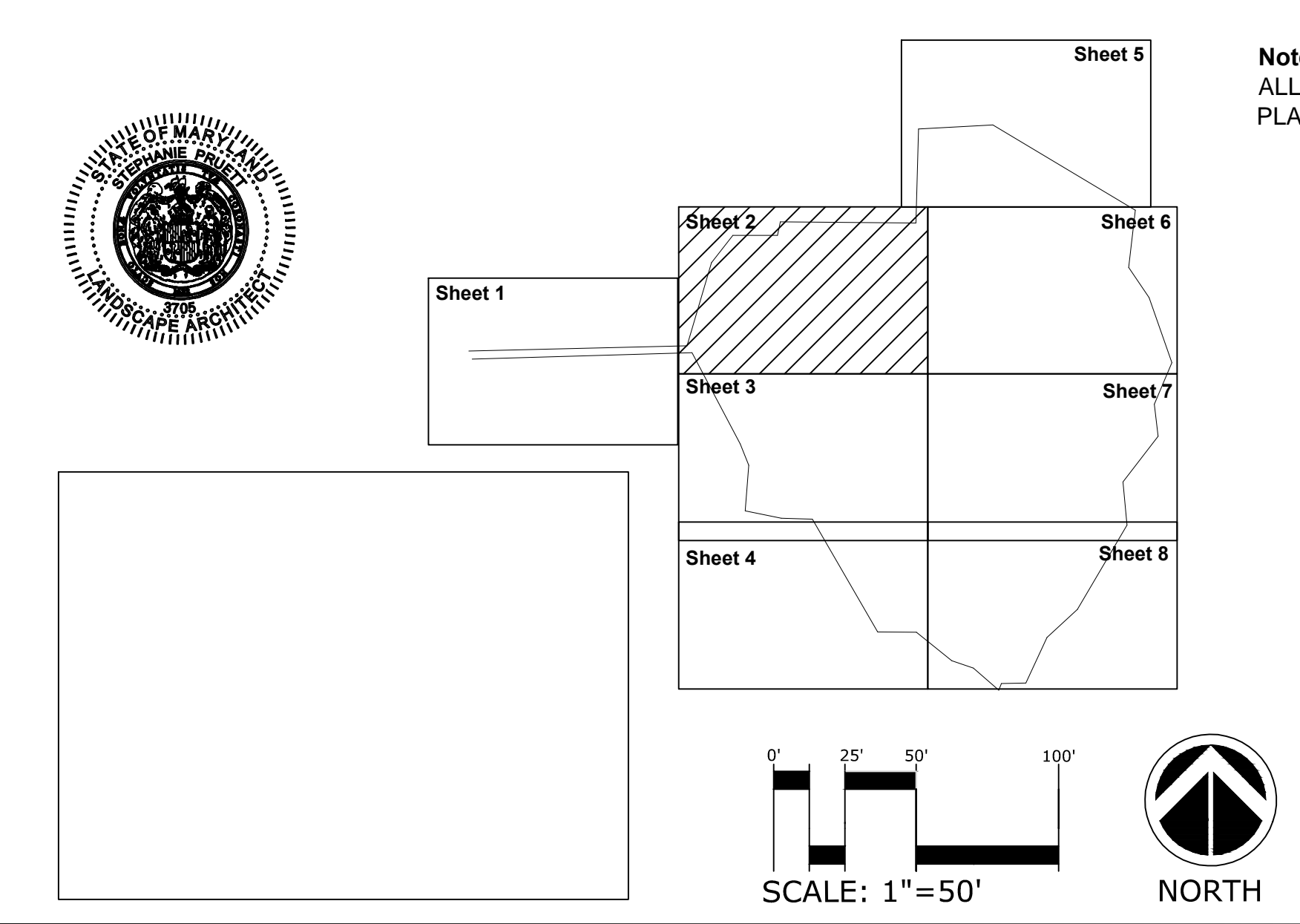
REVISIONS

NO.	DESCRIPTION	DATE
1	Original submission	7.10.06
2	Revised FCP based on Env. Planning comments	12.06
3	Revised FCP based on Env. Planning comments	5.07
4	Revised FCP based on Env. Planning comments	8.07
5	Revised FCP based on Env. Planning comments and final engineering	2.08
6	Revised FCP based on Env. Planning comments	3.08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4.08
8	Revised FCP based on Env. Planning comments and final engineering	8.08
9	Revised FCP based on Env. Planning comments	9.08
10	Revised FCP based on Env. Planning comments	10.08
11	Revised plan areas based on SPH comment	10.16.08
12	Revised per site plan amendments & M&D design	4.11
13	Revised per Planning staff comments dated 4.20.11	7.11
14	Revised per Planning staff comments	1.12
15	Revised per Planning staff comments	3.12
16	Revised costs comments, revised cadastre/lot area sheet	6.12

DEVELOPER'S CERTIFICATE

The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #2007002C including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
 Printed Company Name:
 Contact Person or Owner: Michael Lemon
 Printed Name:
 Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-803-4800 michael.lemon@winchesterhomes.com
 Signature:



AMENDMENT #3 TO FINAL FCP

POPLAR RUN
(Formerly Known as Indian Spring)

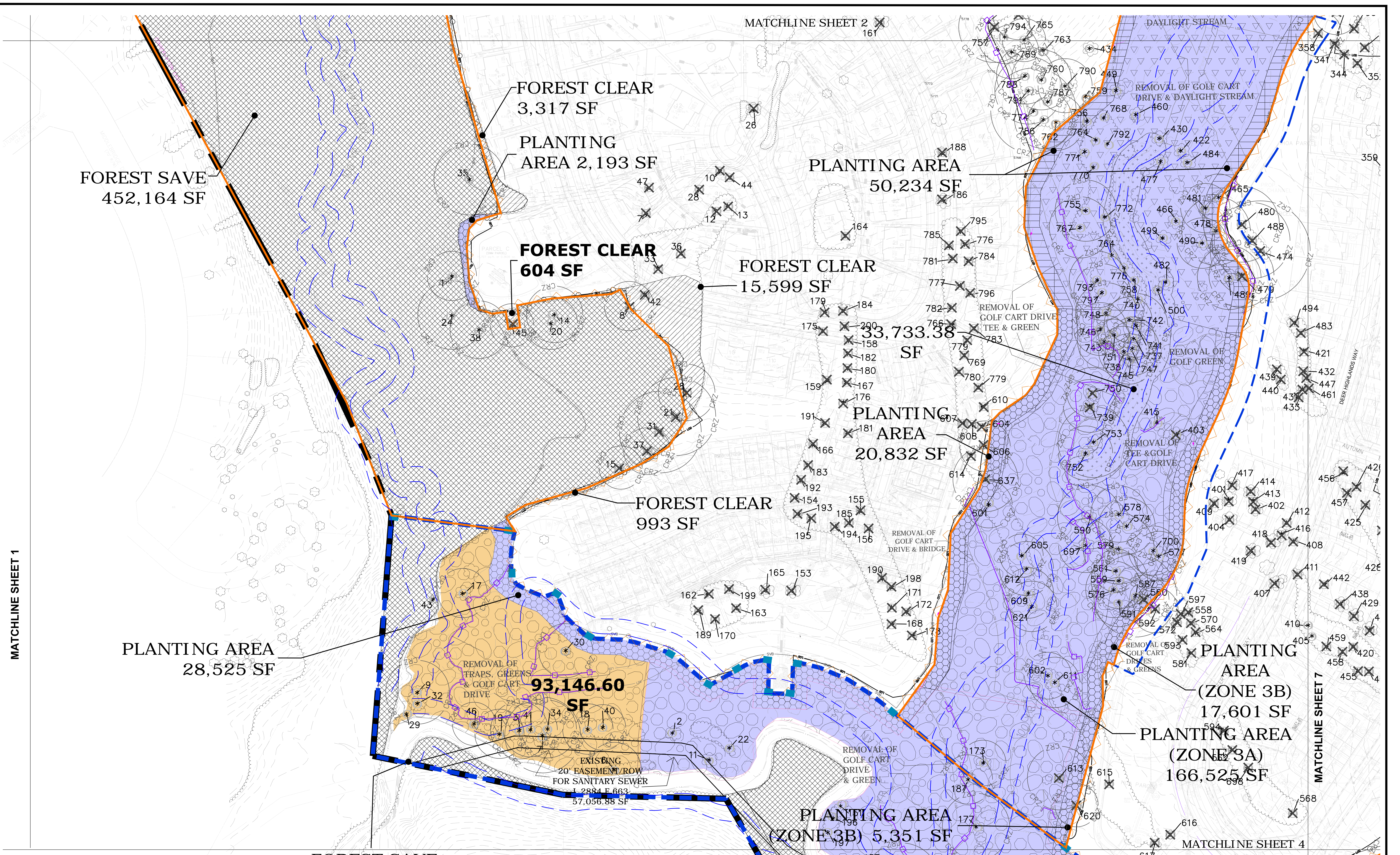
Montgomery County, Maryland

SCALE: 1"=50'
DATE: 06.11.14

Environmental Systems Analysis, Inc.
 102 West Street
 Annapolis, Maryland 21401
 410.267.0400 • 410.267.0401
 www.esaonline.com

ESA JOB #: 03-04
 DRAWING: 200704-Indian Spring/CD
 Drawings/Individual Drawings/Amend 3

SHEET: 2 of 13



PLANTING LEGEND	
	PLANTING ZONE 1
	PLANTING ZONE 2A
	PLANTING ZONE 2B
	PLANTING ZONE 3A
	PLANTING ZONE 3B
	PLANTING ZONE 4
	PLANTING ZONE 5**
	PLANTING ZONE 6
	PLANTING ZONE 7**
	PLANTING ZONE 8
	PLANTING ZONE 9**

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GENERAL LEGEND	
	LIMIT OF DISTURBANCE
	TEMPORARY LIMIT OF DISTURBANCE
	BRL'S FOR EACH LOT
	ENVIRONMENTAL BUFFER
	EXISTING TREE LINE
	PROPERTY BOUNDARY
	100-YEAR FLOODPLAIN
	25 FOOT FLOODPLAIN BRL
	FCP EASEMENT
	REASON FOR TEMP. LOD
	PROPOSED PARK DEDICATION
	PERMANENT PARK BOUNDARY POST
	SIGNIFICANT/SPECIMEN TREE
	CHAMPION TREE
	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
	SIGNIFICANT/SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
	TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
	CRITICAL ROOT ZONE
	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE

NO.	REVISION	DATE
1	Original submission	7/10/08
2	Revised FCP based on Env. Planning comments	12/08
3	Revised FCP based on Env. Planning comments	5/07
4	Revised FCP based on Env. Planning comments	8/07
5	Revised FCP based on Env. Planning comments and final engineering	2/08
6	Revised FCP based on Env. Planning comments	3/08
7	Revised FCP based on Env. Planning comments and final engineering	4/08
8	Revised FCP based on Env. Planning comments and final engineering	8/08
9	Revised FCP based on Env. Planning comments	9/08
10	Revised FCP based on Env. Planning comments	10/08
11	Revised FCP based on Env. Planning comments and final engineering	4/11
12	Revised FCP based on Env. Planning comments dated 4/28/11	7/11
13	Revised FCP based on Env. Planning comments	11/11
14	Revised FCP based on Env. Planning comments	1/12
15	Revised FCP based on Env. Planning comments	2/12
16	Additional notes comments, revised existing tree base block	4/12

DEVELOPER'S CERTIFICATE

The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. 800070222, including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: **Winchester Homes**

Printed Company Name

Contact Person or Owner: **Michael Leman**

Address: **6905 Rutledge Drive, Suite 800, Bethesda, MD 20817**

Phone and Email: **301-853-4800 michael.leman@winchesterhomes.com**

Signature: _____

Scale: 1"=50'

North Arrow

Note: ALL ON-SITE FOREST RETENTION AREAS AND FOREST PLANT AREAS ARE TO BE PLACED IN CONSERVATION EASEMENTS OR WITHIN PARK DEDICATION.

AMENDMENT #3 TO FINAL FCP

POPLAR RUN

(Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: 1"=50'

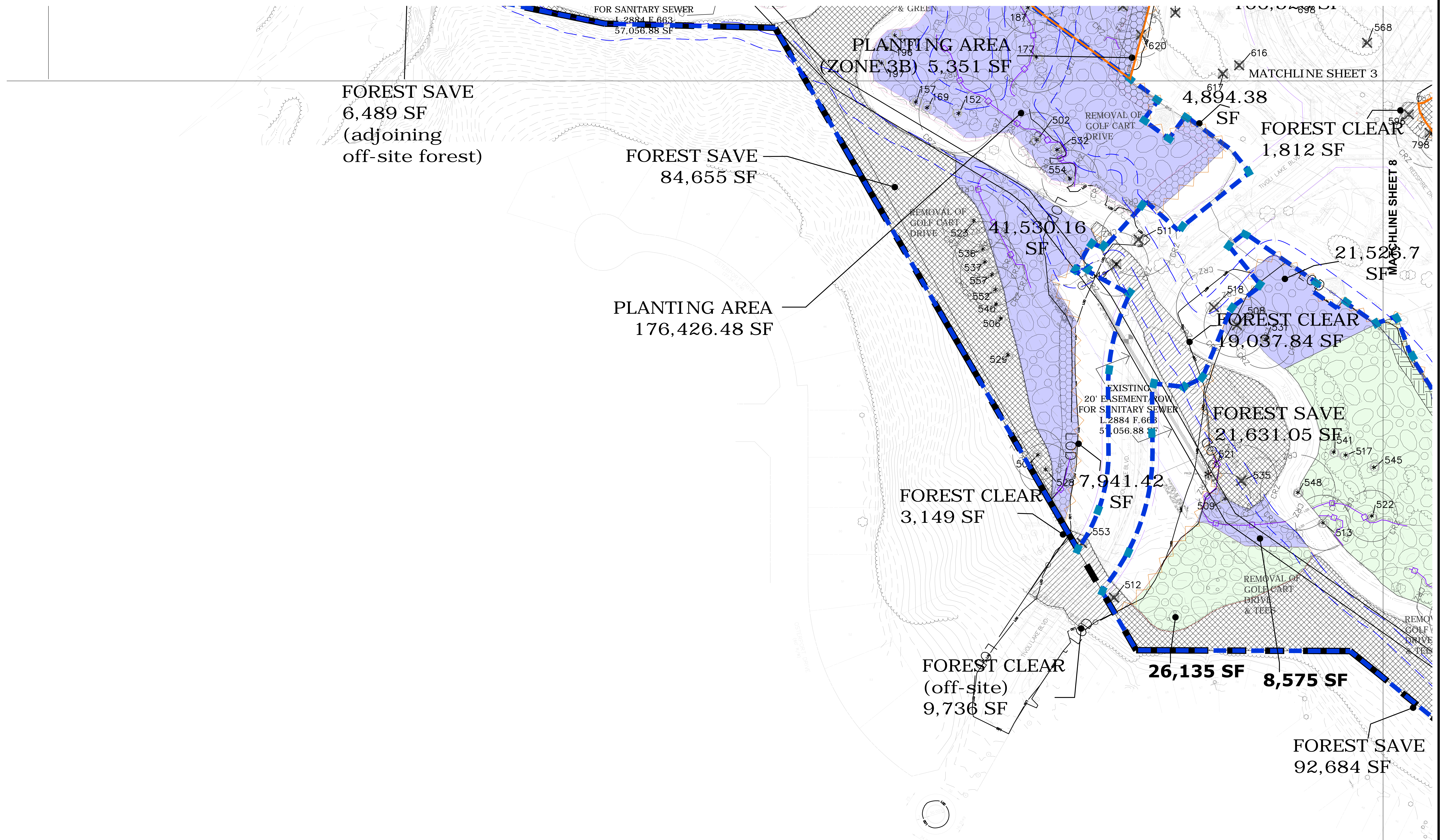
DATE: 06.11.14

ES: 03-04

DRAWING: 200304-Indian Spring/CAO

SHEET: 3 of 13

Environmental Systems Analysis, Inc. (esa)



PLANTING LEGEND

	PLANTING ZONE 1		FOREST SAVE AREAS
	PLANTING ZONE 2A		FOREST CLEAR AREAS
	PLANTING ZONE 2B		FOREST PLANTING AREAS (Base Requirement)
	PLANTING ZONE 3A		FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
	PLANTING ZONE 3B		FOREST PLANTING AREAS (Forest Planting Bank)
	PLANTING ZONE 4		FOREST PLANTING AREA (Forested Wetland Creation)*
	PLANTING ZONE 5**		
	PLANTING ZONE 6		
	PLANTING ZONE 7**		
	PLANTING ZONE 8		
	PLANTING ZONE 9**		

*Actual forested wetland creation to occur within the Forest Planting Bank, within the floodplain of Northwest Branch (see Planting Zone 4 on sheets 6 and 7). Since the 2.10-acre forested wetland creation planting is part of Winchester Homes' obligation, 2.10 acres of planting (in addition to the Base Requirement of 19.2 acres and the Buffer Mitigation planting requirement of 5.13 acres) is allotted within the areas to be planted by Winchester Homes, for a total of 26.43 acres to be planted by Winchester Homes.

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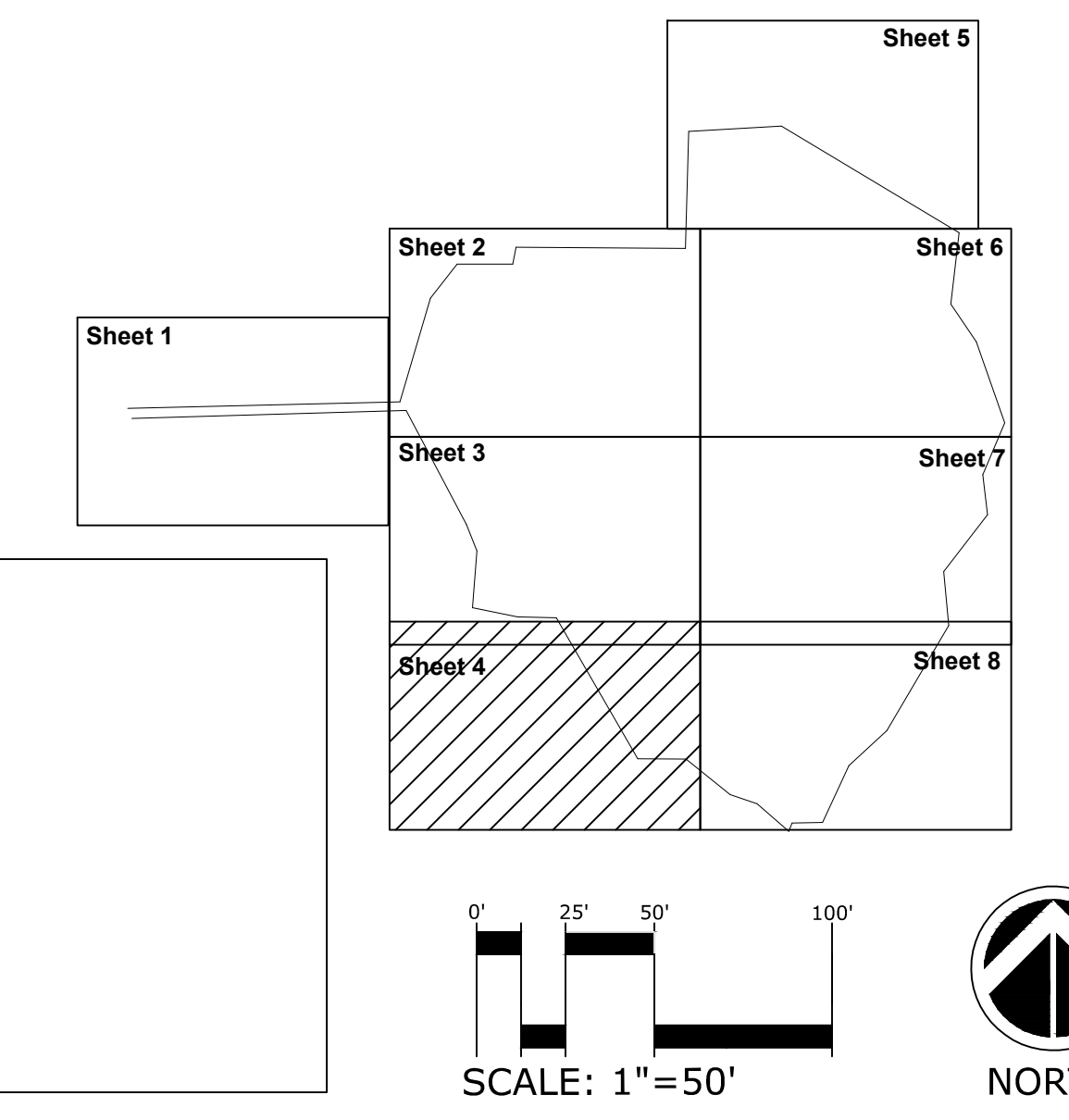
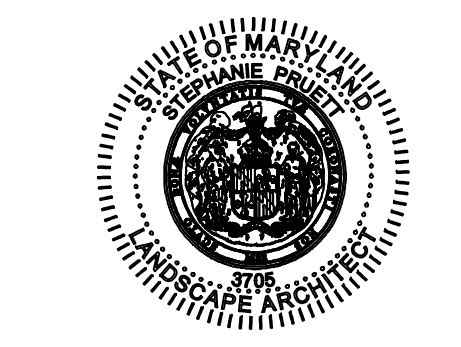
GENERAL LEGEND

	LIMIT OF DISTURBANCE		SIGNIFICANT/SPECIMEN TREE
	TEMPORARY LIMIT OF DISTURBANCE		CHAMPION TREE
	BRL'S FOR EACH LOT		SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
	ENVIRONMENTAL BUFFER		SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
	EXISTING TREE LINE		TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
	PROPERTY BOUNDARY		TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
	100-YEAR FLOODPLAIN		CRITICAL ROOT ZONE
	25 FOOT FLOODPLAIN BRL		PERMANENT AFFORESTATION/REFORESTATION SIGNAGE
	FCP EASEMENT		
	REASON FOR TEMP. LOD		
	PROPOSED PARK DEDICATION		
	PERMANENT PARK BOUNDARY POST		

	SIGNIFICANT/SPECIMEN TREE
	CHAMPION TREE
	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
	SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
	TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
	CRITICAL ROOT ZONE
	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE

NO.	REVISION	DATE
1	Original submission	7.10.06
2	Revised FCP based on Env. Planning comments	12.06
3	Revised FCP based on Env. Planning comments	5.07
4	Revised FCP based on Env. Planning comments	8.07
5	Revised FCP based on Env. Planning comments and Best Management Practices	9.08
6	Revised FCP based on Env. Planning comments	3.08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4.08
8	Revised FCP based on Env. Planning comments	9.08
9	Revised per site plan amendment & SWM design	4.11
10	Revised per Planning staff comments dated 4.26.11	7.11
11	Revised per Planning staff comments	11.11
12	Revised per Planning staff comments	1.12
13	Revised per Planning staff comments	8.12
14	LID change on 3rd stress crossing & Phase 3	9.12
15	Revised existing forest total	9.13
16	Revised per LID change at 3rd stress crossing	1.14
17	Additional water comments, revised existing/retain forest	6.14

DEVELOPER'S CERTIFICATE
 The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #2007002C including: financial bonding, forest planting, maintenance, and all other applicable agreements.
 Developer's Name: Winchester Homes
 Printed Company Name: Winchester Homes
 Contact Person or Owner: Michael Lemon
 Printed Name: Michael Lemon
 Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-803-4800 michael.lemon@winchester.com
 Signature: _____



Note: ALL ON-SITE FOREST RETENTION AREAS AND FOREST PLANT AREAS ARE TO BE PLACED IN CONSERVATION EASEMENTS OR WITHIN PARK DEDICATION.

AMENDMENT #3 TO FINAL FCP

POPLAR RUN

(Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: 1"=50'

DATE: 06.11.14

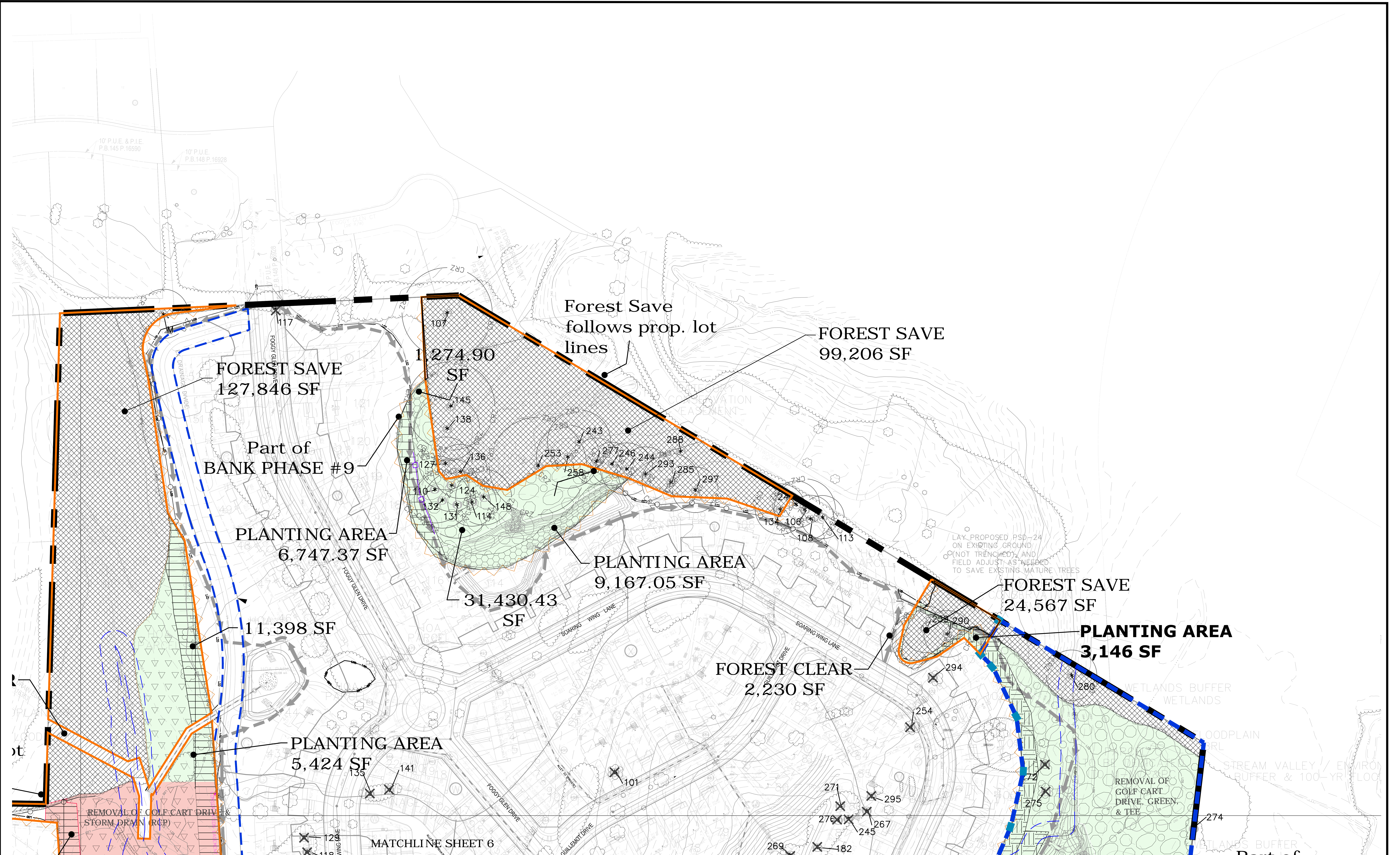
ESA JOB #: 03-04

DRAWING: 200304-Indian Spring/CAD Drawings/Individual Drawings/Amend 3

Environmental Systems Analysis, Inc.

142 West Street
 410 287 2600 F: 410 287 7800
 www.esaonline.com

SHEET: 4 of 13



PLANTING LEGEND

[Symbol]	PLANTING ZONE 1	[Symbol]	FOREST SAVE AREAS
[Symbol]	PLANTING ZONE 2A	[Symbol]	FOREST CLEAR AREAS
[Symbol]	PLANTING ZONE 2B	[Symbol]	FOREST PLANTING AREAS(Base Requirement)
[Symbol]	PLANTING ZONE 3A	[Symbol]	FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
[Symbol]	PLANTING ZONE 3B	[Symbol]	FOREST PLANTING AREAS (Forest Planting Bank)
[Symbol]	PLANTING ZONE 4	[Symbol]	FOREST PLANTING AREA (Forested Wetland Creation)*
[Symbol]	PLANTING ZONE 5**		
[Symbol]	PLANTING ZONE 6		
[Symbol]	PLANTING ZONE 7**		
[Symbol]	PLANTING ZONE 8		
[Symbol]	PLANTING ZONE 9**		

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GENERAL LEGEND

[Symbol]	LIMIT OF DISTURBANCE	[Symbol]	SIGNIFICANT/SPECIMEN TREE
[Symbol]	TEMPORARY LIMIT OF DISTURBANCE	[Symbol]	CHAMPION TREE
[Symbol]	BRL'S FOR EACH LOT	[Symbol]	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
[Symbol]	ENVIRONMENTAL BUFFER	[Symbol]	SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
[Symbol]	EXISTING TREE LINE	[Symbol]	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
[Symbol]	PROPERTY BOUNDARY	[Symbol]	TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
[Symbol]	100-YEAR FLOODPLAIN	[Symbol]	CRITICAL ROOT ZONE
[Symbol]	25 FOOT FLOODPLAIN BRL	[Symbol]	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE
[Symbol]	FCP EASEMENT		
[Symbol]	REASON FOR TEMP. LOD		
[Symbol]	PROPOSED PARK DEDICATION		
[Symbol]	PERMANENT PARK BOUNDARY POST		

NO.	REVISIONS	DATE
1	Original submission	7.10.08
2	Revised FCP based on Env. Planning comments	12.09
3	Revised FCP based on Env. Planning comments	6.07
4	Revised FCP based on Env. Planning comments	8.07
5	Revised FCP based on Env. Planning comments and final engineering	2.08
6	Revised FCP based on Env. Planning comments	3.08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4.08
8	Revised FCP based on Env. Planning comments	6.08
9	Revised per city amendments & 100' design	3.11
10	Revised per Planning staff comments dated 4.18.11	7.11
11	Revised SC	8.11
12	Revised per Planning staff comments	11.11
13	Revised per Planning staff comments	1.12
14	Revised per Planning staff comments	2.12
15	Additional canopy comments, revised existing/retain forest	6.14

DEVELOPER'S CERTIFICATE

The undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #2020702C including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
 Fictitious Company Name: _____
 Contact Person or Owner: Michael Lenton
 Printed Name: _____
 Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-853-4800 michael.lenton@winchesterhomes.com
 Signature: _____

Seal of the State of Maryland

Sheet 1, Sheet 2, Sheet 3, Sheet 4, Sheet 5, Sheet 6, Sheet 7, Sheet 8

SCALE: 1"=50'

NORTH

AMENDMENT #3 TO FINAL FCP

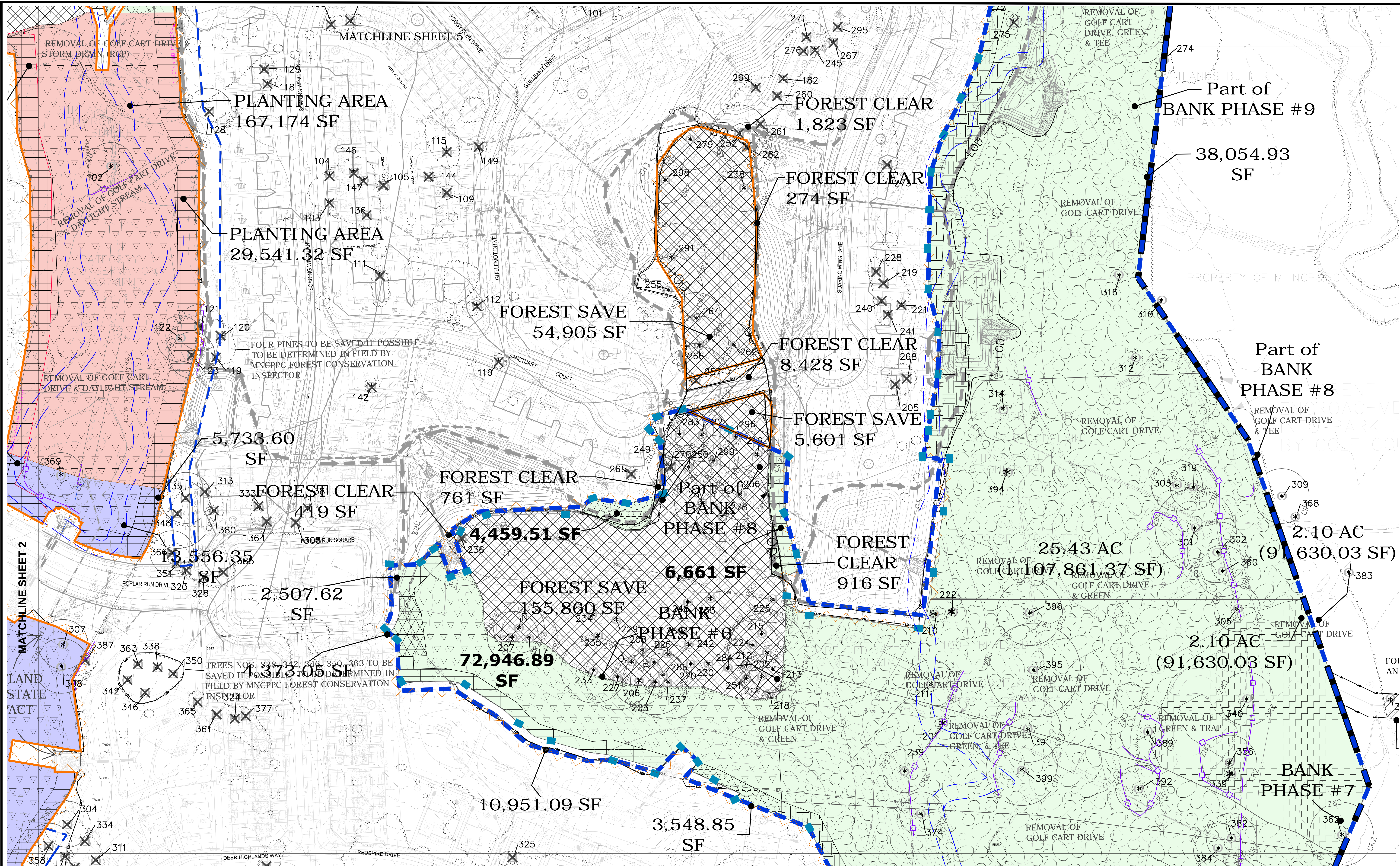
POPLAR RUN
(Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: 1"=50'
DATE: 06.11.14

Environmental Systems Analysis, Inc.
162 West Street
Annapolis, Maryland 21401
410.267.0100 F: 410.267.0600
www.esaenv.com

ESA JOB #: 03-04
DRAWING: 200304-Indian Spring/CAD
SHEET: 5 of 13



PLANTING LEGEND

[Symbol]	PLANTING ZONE 1	[Symbol]	FOREST SAVE AREAS
[Symbol]	PLANTING ZONE 2A	[Symbol]	FOREST CLEAR AREAS
[Symbol]	PLANTING ZONE 2B	[Symbol]	FOREST PLANTING AREAS(Base Requirement)
[Symbol]	PLANTING ZONE 3A	[Symbol]	FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
[Symbol]	PLANTING ZONE 3B	[Symbol]	FOREST PLANTING AREAS (Forest Planting Bank)
[Symbol]	PLANTING ZONE 4	[Symbol]	FOREST PLANTING AREA (Forested Wetland Creation)*
[Symbol]	PLANTING ZONE 6**		
[Symbol]	PLANTING ZONE 6		
[Symbol]	PLANTING ZONE 7**		
[Symbol]	PLANTING ZONE 8		
[Symbol]	PLANTING ZONE 9**		

*Actual forested wetland creation to occur within the Forest Planting Bank, within the floodplain of Northwest Branch (see Planting Zone 4 on sheets 6 and 7). Since the 2.10-acre forested wetland creation planting is part of Winchester Homes' obligation, 2.10 acres of planting (in addition to the Base Requirement of 19.2 acres and the Buffer Mitigation planting requirement of 5.13 acres) is allotted within the areas to be planted by Winchester Homes, for a total of 26.43 acres to be planted by Winchester Homes.

**A buffer strip of trees will be planted within parkland at the rear and sides of lots to demarcate the property boundary between lots and parkland. The buffer strips will be planted during the first planting season after the earlier of: stabilization of slopes to finished grade within the parkland adjacent to the lots, or removal of the sediment trap(s) serving the lots. M-NCPPC and DPS inspectors will coordinate in the field when this point in time occurs for each row of lots, and the M-NCPPC inspector will notify the builder at the appropriate time when the buffer strip planting is expected to occur.

GENERAL LEGEND

[Symbol]	LIMIT OF DISTURBANCE	[Symbol]	SIGNIFICANT/SPECIMEN TREE
[Symbol]	TEMPORARY LIMIT OF DISTURBANCE	[Symbol]	CHAMPION TREE
[Symbol]	BRL'S FOR EACH LOT	[Symbol]	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
[Symbol]	ENVIRONMENTAL BUFFER	[Symbol]	SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
[Symbol]	EXISTING TREE LINE	[Symbol]	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
[Symbol]	PROPERTY BOUNDARY	[Symbol]	TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
[Symbol]	100-YEAR FLOODPLAIN	[Symbol]	CRITICAL ROOT ZONE
[Symbol]	25 FOOT FLOODPLAIN BRL	[Symbol]	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE
[Symbol]	FCP EASEMENT		
[Symbol]	REASON FOR TEMP. LOD		
[Symbol]	PROPOSED PARK DEDICATION		
[Symbol]	PERMANENT PARK BOUNDARY POST		

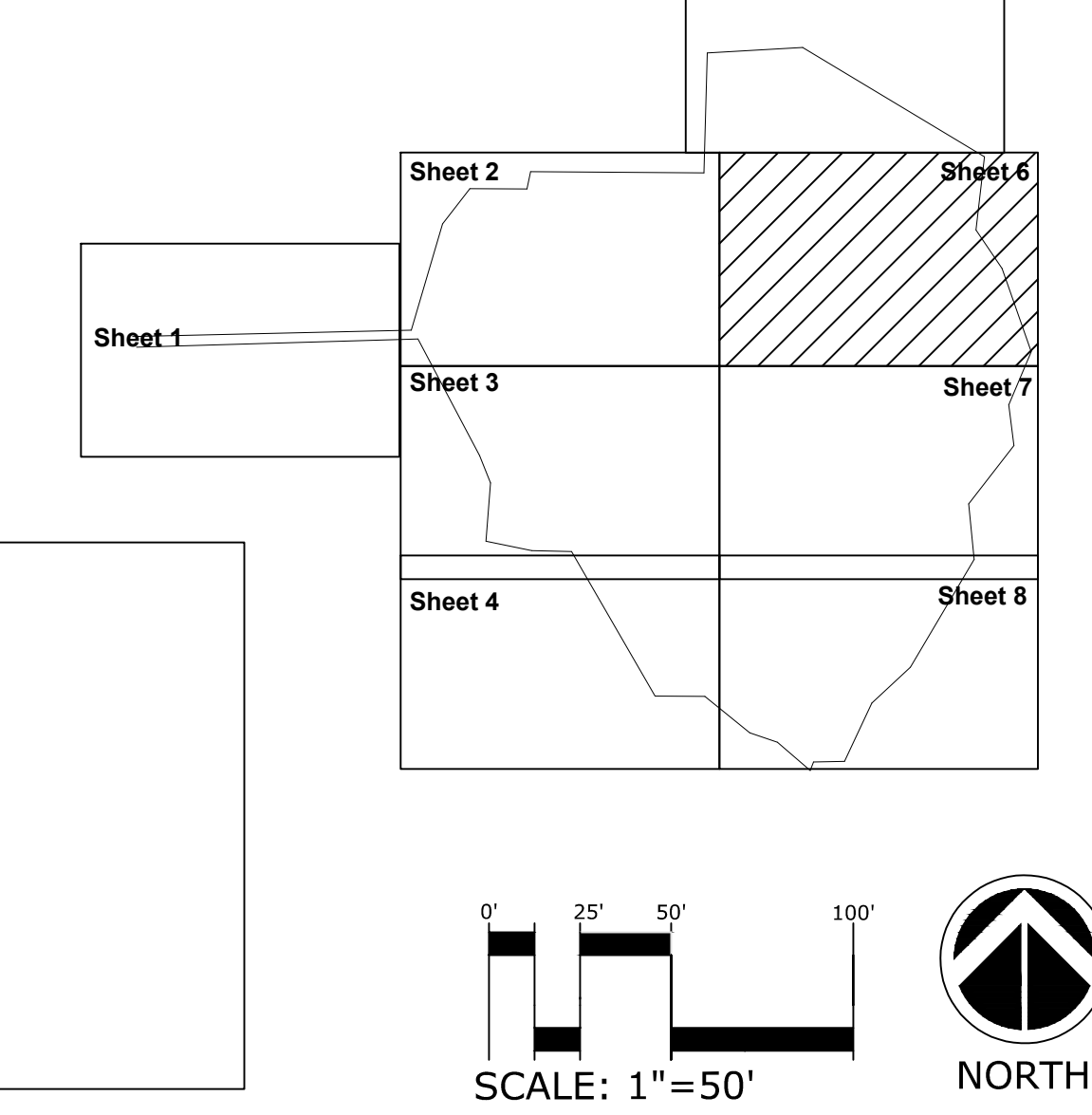
REVISIONS

NO.	DESCRIPTION	DATE
1	Original submission	7.10.06
2	Revised FCP based on Env. Planning comments	12.06
3	Revised FCP based on Env. Planning comments	2.07
4	Revised FCP based on Env. Planning comments	8.07
5	Revised FCP based on Env. Planning comments and final engineering	2.08
6	Revised FCP based on Env. Planning comments	3.08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4.08
8	Revised FCP based on Env. Planning comments	9.08
9	Revised per site plan amendment & 100% design	3.12
10	Revised per Planning staff comments dated 4.26.11	7.11
11	Revised per Planning staff comments	9.11
12	Revised per Planning staff comments	11.12
13	Revised per Planning staff comments	1.12
14	Revised per Planning staff comments	2.12
15	100% design per Park Dept. comments & Phase 1	3.13
16	Addressed county comments, revised planting clear tree base	6.14

DEVELOPER'S CERTIFICATE

The undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #20070202C including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
 Contact Person or Owner: Michael Lemon
 Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-803-4800 michael.lemon@winchesterhomes.com
 Signature: _____



AMENDMENT #3 TO FINAL FCP

POPLAR RUN

(Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: 1"=50'

DATE: 06.11.14

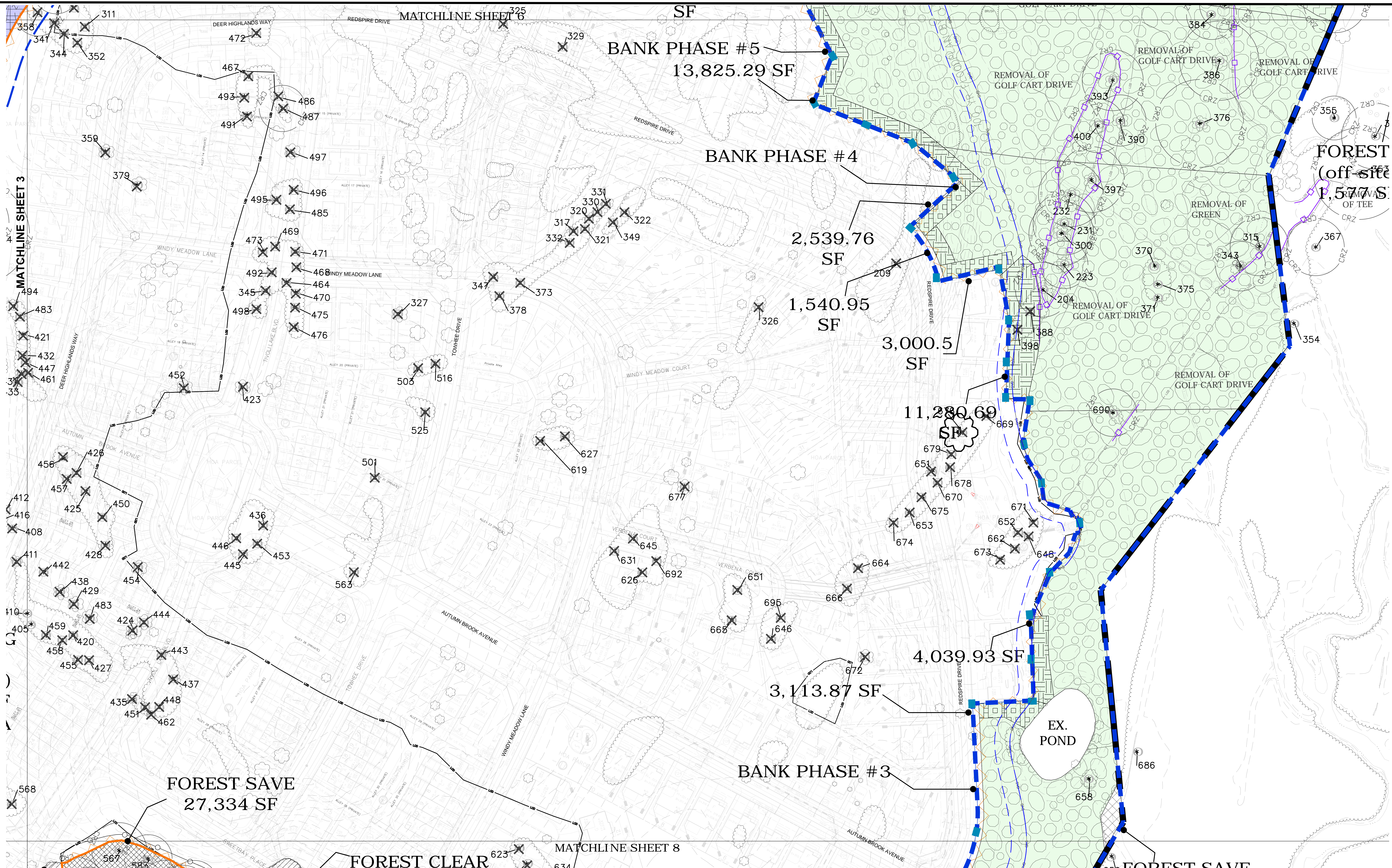
ESA JOB #: 03-04

DRAWING: 200304-Indian Spring/CAD

Environmental Systems, Inc. (Drawing/Individual Drawings/Amend 3)

182 West Street
 Annapolis, Maryland 21401
 410.267.0400 F: 410.267.6266
 www.esasystems.com

SHEET: 6 of 13



PLANTING LEGEND

[Symbol]	PLANTING ZONE 1	[Symbol]	FOREST SAVE AREAS
[Symbol]	PLANTING ZONE 2A	[Symbol]	FOREST CLEAR AREAS
[Symbol]	PLANTING ZONE 2B	[Symbol]	FOREST PLANTING AREAS(Base Requirement)
[Symbol]	PLANTING ZONE 2C	[Symbol]	FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
[Symbol]	PLANTING ZONE 3A	[Symbol]	FOREST PLANTING AREAS (Forest Planting Bank)
[Symbol]	PLANTING ZONE 3B	[Symbol]	FOREST PLANTING AREA (Forested Wetland Creation)*
[Symbol]	PLANTING ZONE 4		
[Symbol]	PLANTING ZONE 5**		
[Symbol]	PLANTING ZONE 6		
[Symbol]	PLANTING ZONE 7**		
[Symbol]	PLANTING ZONE 8		
[Symbol]	PLANTING ZONE 9**		

*Actual forested wetland creation to occur within the Forest Planting Bank, within the floodplain of Northwest Branch (see Planting Zone 4 on sheets 6 and 7). Since the 2.10-acre forested wetland creation planting is part of Winchester Homes' obligation, 2.10 acres of planting (in addition to the Base Requirement of 19.2 acres and the Buffer Mitigation planting requirement of 5.13 acres) is allotted within the areas to be planted by Winchester Homes, for a total of 26.43 acres to be planted by Winchester Homes.

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GENERAL LEGEND

[Symbol]	LIMIT OF DISTURBANCE	[Symbol]	SIGNIFICANT/SPECIMEN TREE
[Symbol]	TEMPORARY LIMIT OF DISTURBANCE	[Symbol]	CHAMPION TREE
[Symbol]	BRL'S FOR EACH LOT	[Symbol]	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
[Symbol]	ENVIRONMENTAL BUFFER	[Symbol]	SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
[Symbol]	EXISTING TREE LINE	[Symbol]	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
[Symbol]	PROPERTY BOUNDARY	[Symbol]	TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
[Symbol]	100-YEAR FLOODPLAIN	[Symbol]	CRITICAL ROOT ZONE
[Symbol]	25 FOOT FLOODPLAIN BRL	[Symbol]	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE
[Symbol]	FCP EASEMENT		
[Symbol]	REASON FOR TEMP. LOD		
[Symbol]	PROPOSED PARK DEDICATION		
[Symbol]	PERMANENT PARK BOUNDARY POST		

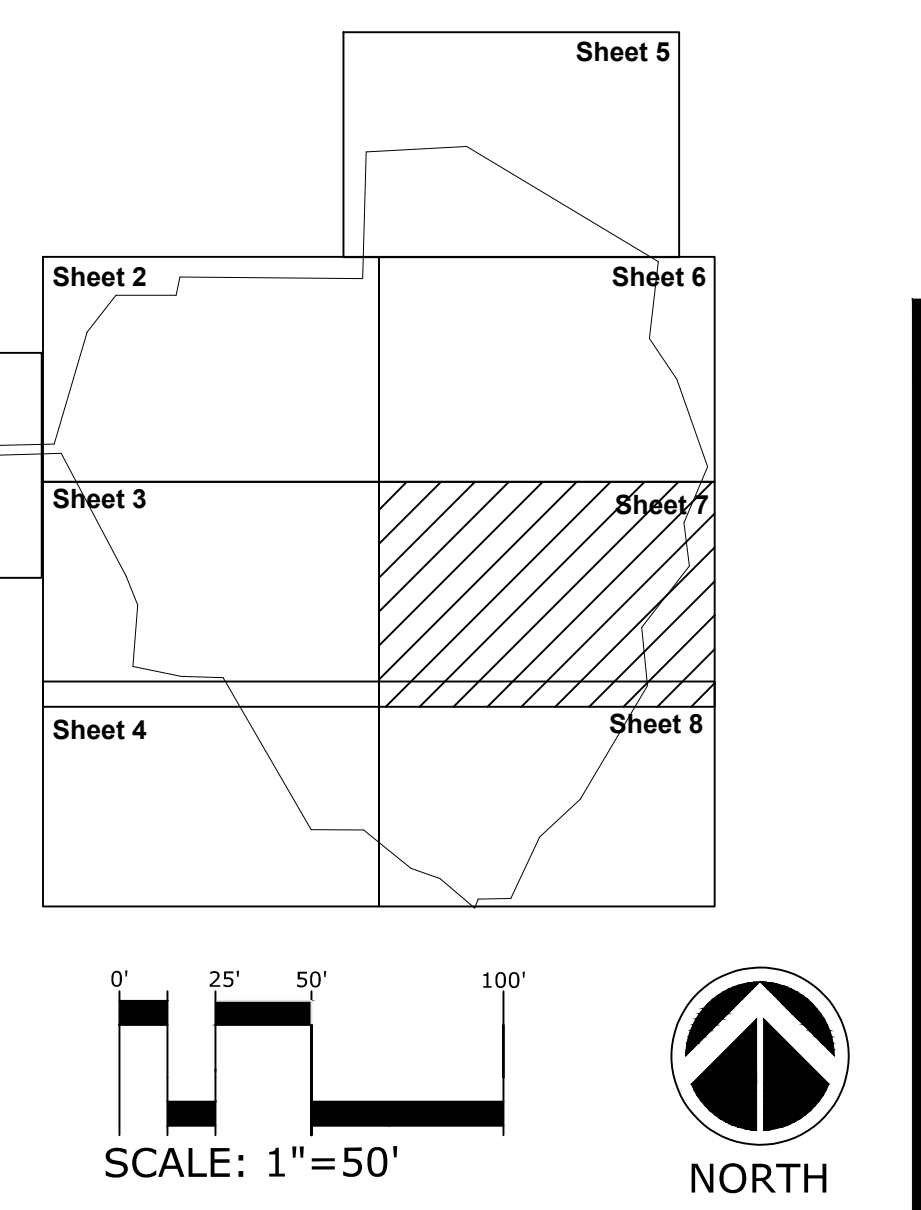
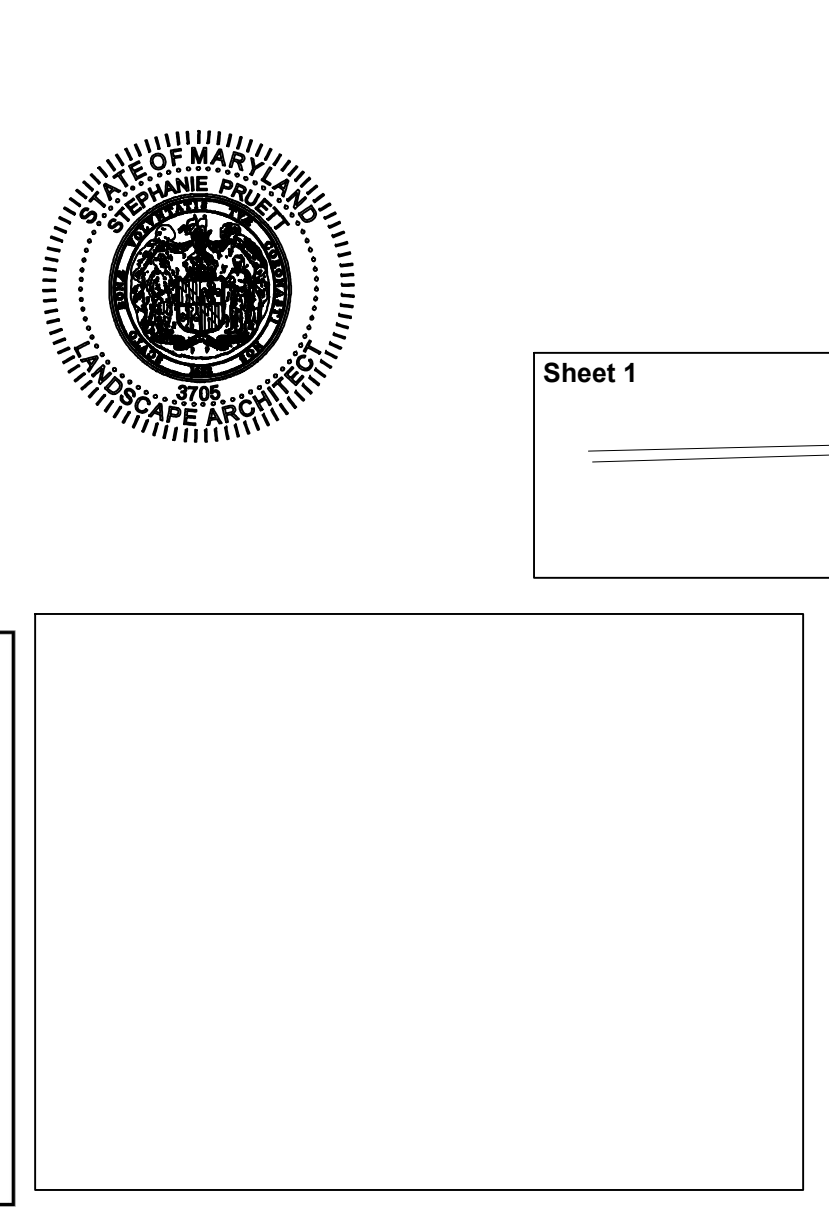
REVISIONS

NO.	DESCRIPTION	DATE
1	Original submittal	07/10/08
2	Revised FCP based on Env. Planning comments	07/20/08
3	Revised FCP based on Env. Planning comments	07/27/08
4	Revised FCP based on Env. Planning comments	08/07/08
5	Revised FCP based on Env. Planning comments and final engineering	02/08/09
6	Revised FCP based on Env. Planning comments	03/08/09
7	Revised FCP based on Env. Planning comments and Park Dept. comments	03/08/09
8	Revised FCP based on Env. Planning comments	03/08/09
9	Revised per site plan amendment & 1999 design	03/11/09
10	Revised per Planning staff comments dated 03/11/09	03/11/09
11	Revised SC	06/11/09
12	Revised per Planning staff comments	11/11/09
13	Revised per Planning staff comments	01/12/10
14	Revised per Planning staff comments	01/12/10
15	Additional county comments, amended existing/Show Name Error	06/11/10

DEVELOPER'S CERTIFICATE

The undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #200702020, including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
 Forest Company Name:
 Contact Person or Owner: Michael Lemon
 Title:
 Address: 6904 Redbridge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-803-4800 michael.lemon@winchesterhomes.com
 Signature:



Note: ALL ON-SITE FOREST RETENTION AREAS AND FOREST PLANT AREAS ARE TO BE PLACED IN CONSERVATION EASEMENTS OR WITHIN PARK DEDICATION.

AMENDMENT #3 TO FINAL FCP

POPLAR RUN

(Formerly Known as Indian Spring)

Montgomery County, Maryland

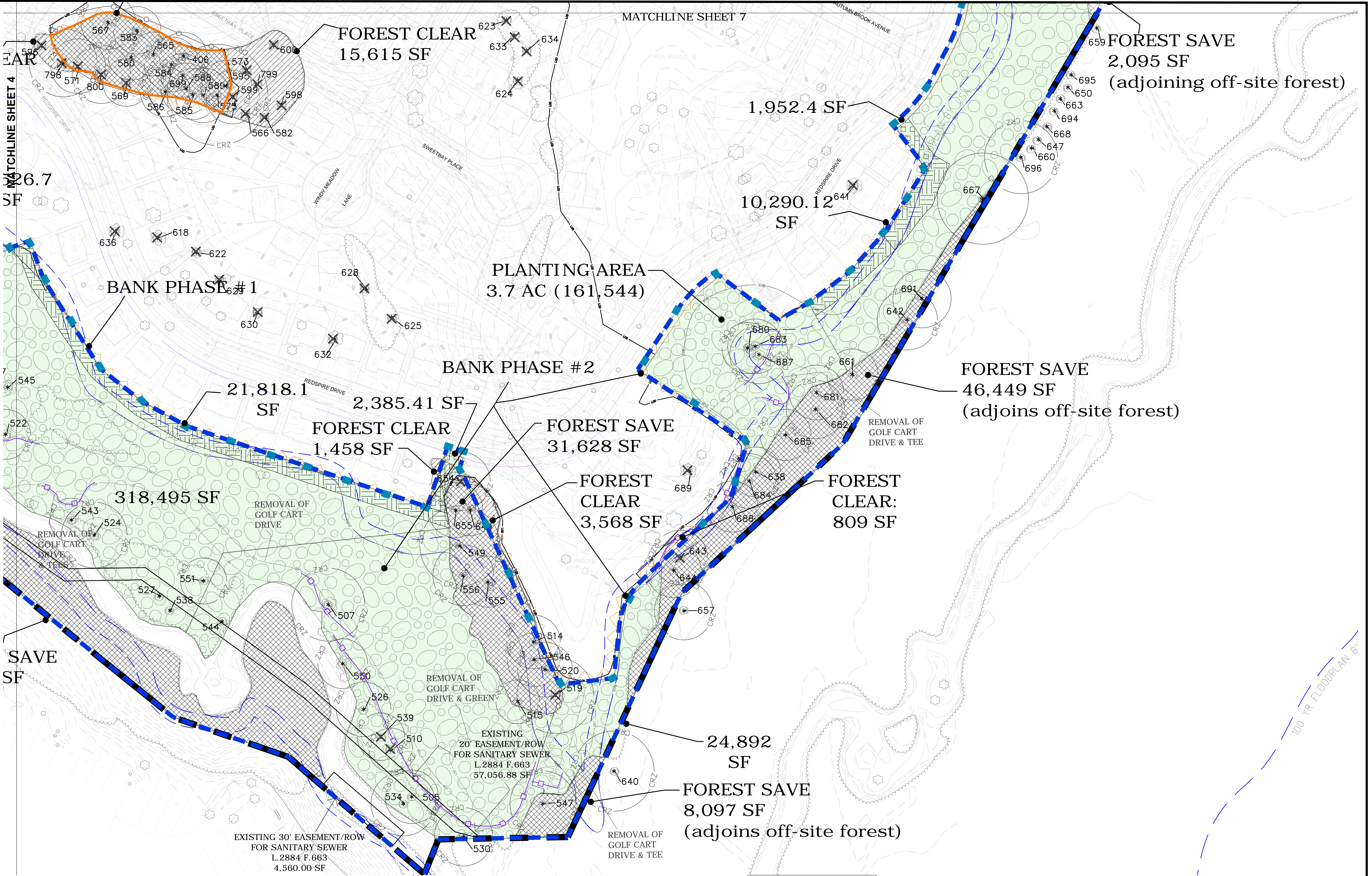
SCALE: 1"=50'

DATE: 06.11.14

ESA JOB #: 03-04

DRAWING: 200704-Indian Spring/CAD

SHEET: 7 of 13



PLANTING LEGEND

PLANTING ZONE 1	FOREST SAVE AREAS
PLANTING ZONE 2A	FOREST CLEAR AREAS
PLANTING ZONE 2B	FOREST PLANTING AREAS (Base Requirement)
PLANTING ZONE 3A	FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
PLANTING ZONE 3B	FOREST PLANTING AREAS (Forest Planting Bank)
PLANTING ZONE 4	FOREST PLANTING AREA (Forested Wetland Creation)*
PLANTING ZONE 5**	
PLANTING ZONE 6	
PLANTING ZONE 7**	
PLANTING ZONE 8	
PLANTING ZONE 9**	

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GENERAL LEGEND

LIMIT OF DISTURBANCE	SIGNIFICANT/SPECIMEN TREE
TEMPORARY LIMIT OF DISTURBANCE	CHAMPION TREE
BRL'S FOR EACH LOT	SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
ENVIRONMENTAL BUFFER	SIGNIFICANT / SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
EXISTING TREE LINE	TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
PROPERTY BOUNDARY	CRITICAL ROOT ZONE
100-YEAR FLOODPLAIN	PERMANENT AFFORESTATION/REFORESTATION SIGNAGE
25 FOOT FLOODPLAIN BRL	
FCP EASEMENT	
REASON FOR TEMP. LOD	
PROPOSED PARK DEDICATION	
PERMANENT PARK BOUNDARY POST	

NO.	DESCRIPTION	DATE
1	Original submission	7.10.06
2	Revised FCP based on Env. Planning comments	12.06
3	Revised FCP based on Env. Planning comments	3.07
4	Revised FCP based on Env. Planning comments	8.07
5	Revised FCP based on Env. Planning comments and final engineering	2.08
6	Revised FCP based on Env. Planning comments	3.08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4.08
8	Revised FCP based on Env. Planning comments	9.08
9	Revised plan set plan comments & 100% design	4.11
10	Revised per Planning staff comments	7.11
11	Revised per Planning staff comments	11.11
12	Revised per Planning staff comments	1.12
13	Revised per Planning staff comments	2.12
14	Revised existing forest area	9.13
15	Additional property comments (revised readings) (Urban Forest)	6.14

DEVELOPER'S CERTIFICATE
The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #2007022C including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
 Filled Company Name: Winchester Homes
 Contact Person or Owner: Michael Lemon
 Filled Name: Michael Lemon
 Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-803-4800 michael.lemon@winchesterhomes.com
 Signature: _____

MONTEGOMERY COUNTY
PLANNING AND ZONING DEPARTMENT

Sheet 1, Sheet 2, Sheet 3, Sheet 4, Sheet 5, Sheet 6, Sheet 7, Sheet 8, Sheet 9

SCALE: 1"=50'

NORTH

AMENDMENT #3 TO FINAL FCP

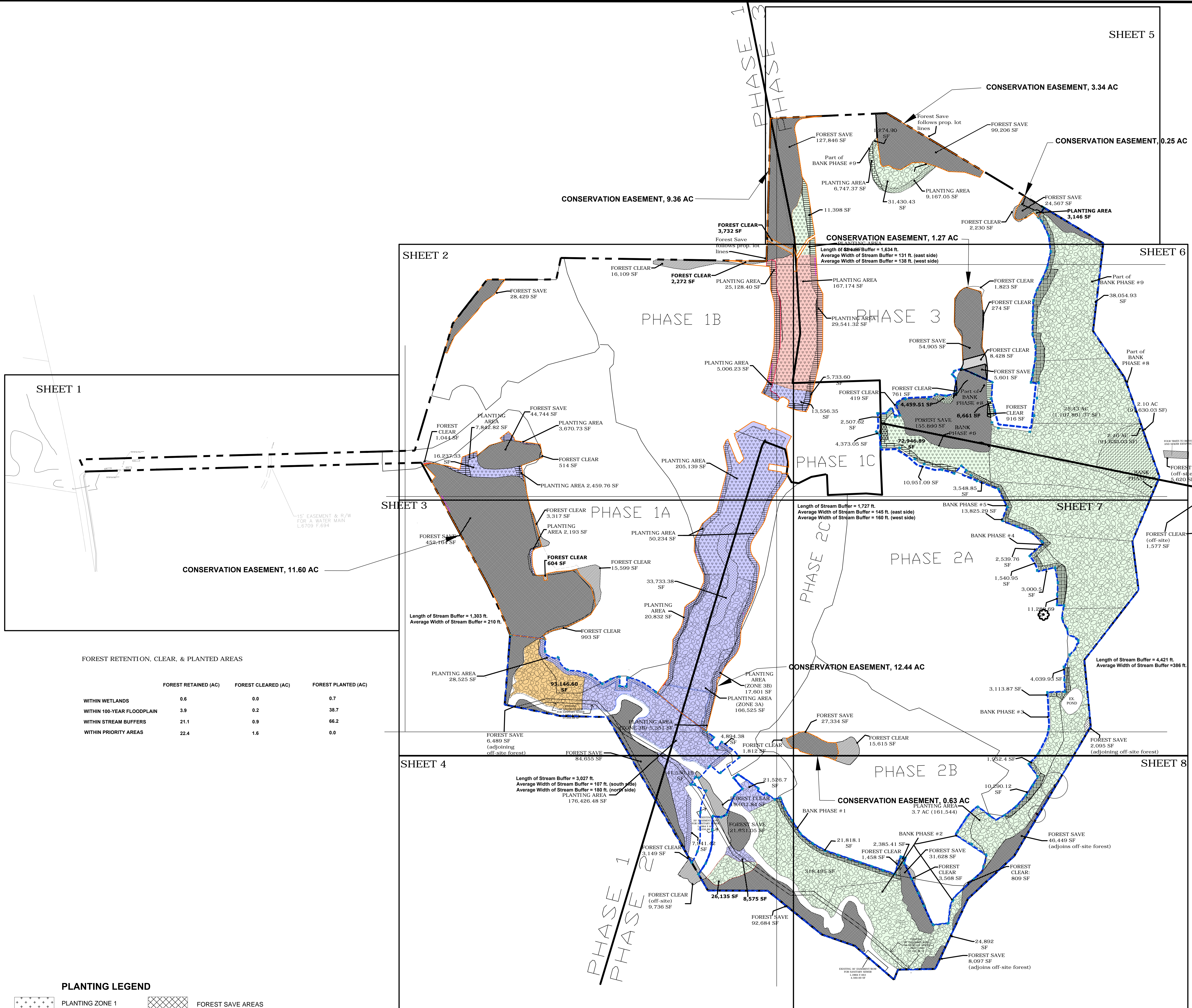
POPLAR RUN
(Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: 1"=50'
DATE: 06.11.14
ESA JOB #: 03-04
DRAWING: 2003/04-Indian Spring/CAD Drawings/Individual Drawings/Amend 3
SHEET: 8 of 13

Environmental Systems Analysis, Inc.
102 West Street
Annapolis, Maryland 21403
410.267.0400 F: 410.267.0494
www.esaonline.com

Note: ALL ON-SITE FOREST RETENTION AREAS AND FOREST PLANT AREAS ARE TO BE PLACED IN CONSERVATION EASEMENTS OR WITHIN PARK DEDICATION.



FOREST SAVE AND CLEAR

FOREST SAVE (sq. ft.)	FOREST CLEAR (sq. ft.)
24,429	16,109
12,784	2,230
99,206	1,823
24,567	274
54,905	8,428
153,860	916
2,095	761
86,495	419
8,092	5,620
31,628	15,615
92,088	1,812
21,631	1,577
27,334	1,458
84,655	3,149
6,489	9,736
452,164	13,038
45,744	993
5,601	15,599
	604
	3,317
	514
	1,054
	809
	3,568
	3,732
	2,272
TOTALS	30.2 acres
	2.8 acres

PLANTING

BASE REQUIREMENT (sq. ft.)	MITIGATION FOR BUFFER ENCROACHMENT (sq. ft.)	FORESTED WETLAND (sq. ft.)	FOREST BANK (sq. ft.)
16,237	167,174	93,146.60	72,947
203,139	25,128		10,951
13,556	29,541		2,508
3,670			6,661
2,493			316,495
2,450			24,891
50,234			161,544
5,733			31,430
5,006			1,107,861
33,733			9,167
176,426			1,275
41,536			97,530
168,426			2,385
8,575			1,962
28,523			3,114
5,851			3,001
4,894			2,540
7,941			4,373
20,832			27,818
12,601			10,290
23,526			4,040
			11,281
			1,541
			13,825
			38,555
			6,747
			3,549
			28,156
			3,146
			5,000
			11,388
			5,424
TOTALS	18.2 acres	5.1 acres	46.3 acres

BANK AREA

	2A	2B	3A	3B	4	5	6	7	8	9	TOTALS
1	--	--	4.8	--	0.05	--	0.50	--	--	--	5.4
2	--	--	5.3	--	--	--	--	--	--	--	5.3
3	--	--	4.26	--	0.11	--	0.33	--	--	--	4.70
4	--	--	4.07	--	0.13	--	0.35	--	--	--	4.55
5	--	--	4.74	--	--	--	0.26	--	--	--	5.00
6	1.67	0.31	2.67	--	--	0.10	--	--	--	--	4.82
7	--	--	2.82	--	--	--	2.10	--	--	--	4.92
8	--	--	0.15	4.32	--	--	--	--	0.14	--	4.61
9	--	--	5.73	0.23	--	--	--	0.73	0.13	--	6.9

TOTAL ACRES TO BE DEDICATED AS PARKLAND = 73.1 AC
 TOTAL NUMBER OF 1-INCH TREES TO BE PLANTED IN PARKLAND = 9,872
 TOTAL NUMBER OF 1.52-INCH TREES TO BE PLANTED IN PARKLAND = 543

NOTE: Prior to a pre-planting meeting for any forest bank phase, the applicant must submit for Planning Department staff review and approval, a surveyed plan that identifies the location, configuration, and size of the bank phase. The boundaries of the surveyed area must also be delineated on the property, and must be reviewed and approved by the Planning Department forest conservation plan inspector as part of the pre-planting meeting.

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REVISIONS

NO.	DESCRIPTION	DATE
1	Original submission	7/10/06
2	Revised FCP based on Env. Planning comments	12/06
3	Revised FCP based on Env. Planning comments	5/07
4	Revised FCP based on Env. Planning comments	8/07
5	Revised FCP based on Env. Planning comments and final engineering	2/08
6	Revised FCP based on Env. Planning comments	3/08
7	Revised FCP based on Env. Planning comments and Park Dept. comments	4/08
8	Revised FCP based on Env. Planning comments and final engineering	5/08
9	Revised FCP based on Env. Planning comments	9/08
10	Revised FCP based on Env. Planning comments	10/08
11	Revised plan area based on 10% contour	10/16/08
12	Revised per on-site observations & 10% design	4/11
13	Revised per Planning staff comments	9/11
14	Revised per Planning staff comments	11/11
15	Revised per Planning staff comments	1/12
16	Revised per Planning staff comments	2/12
17	10% change in final contour creating a Phase 3	3/12
18	Revised contour lines	9/12
19	Revised per 10% change in final contour creating a Phase 3	1/14
20	Addressed county comments, revised existing clear/fore forest	6/14

AMENDMENT #3 TO FINAL FCP

POPLAR RUN

(Formerly Known as Indian Spring)

Montgomery County, Maryland

SCALE: 1"=200'

DATE: 06.11.14

Environmental Systems Analysis, Inc. (esa)

ESA JOB #: 03-04
 DRAWING: 2003-04-Indian Spring/CAD
 Drawing/Individual Drawings/Amend 3

SHEET: 9 of 13

FOREST RETENTION, CLEAR, & PLANTED AREAS

	FOREST RETAINED (AC)	FOREST CLEARED (AC)	FOREST PLANTED (AC)
WITHIN WETLANDS	0.6	0.0	0.7
WITHIN 100-YEAR FLOODPLAIN	3.9	0.2	38.7
WITHIN STREAM BUFFERS	21.1	0.9	66.2
WITHIN PRIORITY AREAS	22.4	1.6	0.0

PLANTING LEGEND

- PLANTING ZONE 1
- PLANTING ZONE 2A
- PLANTING ZONE 2B
- PLANTING ZONE 3A
- PLANTING ZONE 3B
- PLANTING ZONE 4
- PLANTING ZONE 5**
- PLANTING ZONE 6
- PLANTING ZONE 7**
- PLANTING ZONE 8
- PLANTING ZONE 9**

GENERAL LEGEND

- LIMIT OF DISTURBANCE
- TEMPORARY LIMIT OF DISTURBANCE
- BRL'S FOR EACH LOT
- ENVIRONMENTAL BUFFER
- EXISTING TREE LINE
- PROPERTY BOUNDARY
- 100-YEAR FLOODPLAIN
- 25 FOOT FLOODPLAIN BRL
- FCP EASEMENT
- PLANTING AREA AMOUNT
- PROPOSED PARK DEDICATION
- PERMANENT PARK BOUNDARY POST
- FOREST SAVE AREAS
- FOREST CLEAR AREAS
- FOREST PLANTING AREAS (Base Requirement)
- FOREST PLANTING AREAS (Mitigation for Buffer Encroachment)
- FOREST PLANTING AREAS (Forest Planting Bank)
- FOREST PLANTING AREA (Forested Wetland Creation)**
- BANK IMPLEMENTATION PHASES
- SIGNIFICANT/SPECIMEN TREE
- CHAMPION TREE
- SIGNIFICANT/SPECIMEN TREE TO BE REMOVED
- SIGNIFICANT/SPECIMEN TREE SHOWN ON FSD, NO LONGER PRESENT DUE TO NATURAL CAUSES
- TEMPORARY TREE PROTECTION FENCING AND FOREST PROTECTION SIGNAGE
- TEMPORARY TREE PROTECTION FENCING AND SPECIMEN TREE PROTECTION SIGNAGE
- CRITICAL ROOT ZONE
- PERMANENT AFFORESTATION/REFORESTATION SIGNAGE

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DEVELOPER'S CERTIFICATE

The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #2007002C including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Winchester Homes
 Contact Person or Owner: Michael Lemon
 Address: 6905 Rockledge Drive, Suite 800, Bethesda, MD 20817
 Phone and Email: 301-803-4800 michael.lemon@winhomes.com



Note: ALL ON-SITE FOREST RETENTION AREAS AND FOREST PLANT AREAS ARE TO BE PLACED IN CONSERVATION EASEMENTS OR WITHIN PARK DEDICATION.

SCALE: 1"=200'

NORTH

PLANTING SCHEDULE--Winchester Homes' Obligation (26.4 acres)
Base Requirement, Mitigation for Buffer Encroachment, Forested Wetland Creation*

ZONE 1 (225 trees/acre) 0.77 acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
44	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
44	<i>Acer rubrum</i>	red maple	1" caliper	container	14 row
43	<i>Betula nigra</i>	river birch	1" caliper	container	14 row
43	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container	14 row

ZONE 2 A (225 trees/acre) 9.36 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
347	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
346	<i>Quercus alba</i>	white oak	1" caliper	container	14 row
346	<i>Juniperus virginicus</i>	eastern red cedar	1" caliper	container	14 row
346	<i>Quercus cocinea</i>	scarlet oak	1" caliper	container	14 row
346	<i>Quercus rubra</i>	northern red oak	1" caliper	container	14 row
346	<i>Cercis canadensis</i>	eastern redbud	1" caliper	container	14 row

ZONE 2 B (100 trees/acre) 2.1 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
35	<i>Liriodendron tulipifera</i>	tulip poplar	1.5-2" caliper	container	20 row
35	<i>Quercus alba</i>	white oak	1.5-2" caliper	container	20 row
35	<i>Juniperus virginicus</i>	eastern red cedar	1.5-2" caliper	container	20 row
35	<i>Quercus cocinea</i>	scarlet oak	1.5-2" caliper	container	20 row
35	<i>Quercus rubra</i>	northern red oak	1.5-2" caliper	container	20 row
35	<i>Cercis canadensis</i>	eastern redbud	1.5-2" caliper	container	20 row

ZONE 3 A (225 trees/acre) 10.12 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
268	<i>Platanus occidentalis</i>	American sycamore	1" caliper	container	14 row
267	<i>Acer rubrum</i>	red maple	1" caliper	container	14 row
267	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
267	<i>Prunus serotina</i>	black cherry	1" caliper	container	14 row
267	<i>Salix nigra</i>	black willow	1" caliper	container	14 row
267	<i>Carpinus caroliniana</i>	ironwood	1" caliper	container	14 row
267	<i>Ilex opaca</i>	American holly	1" caliper	container	14 row
267	<i>Quercus alba</i>	white oak	1" caliper	container	14 row
267	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container	14 row
267	<i>Betula nigra</i>	river birch	1" caliper	container	14 row

ZONE 3 B (100 trees/acre) 2.4 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
24	<i>Platanus occidentalis</i>	American sycamore	1.5-2" caliper	container	20 row
24	<i>Acer rubrum</i>	red maple	1.5-2" caliper	container	20 row
24	<i>Liriodendron tulipifera</i>	tulip poplar	1.5-2" caliper	container	20 row
24	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	20 row
24	<i>Salix nigra</i>	black willow	1.5-2" caliper	container	20 row
24	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	20 row
24	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	20 row
24	<i>Quercus alba</i>	white oak	1.5-2" caliper	container	20 row
24	<i>Ametancher canadensis</i>	serviceberry	1.5-2" caliper	container	20 row
24	<i>Betula nigra</i>	river birch	1.5-2" caliper	container	20 row

Master Plant Schedule--Winchester Homes' Obligation

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION
288	<i>Platanus occidentalis</i>	American sycamore	1" caliper	container
312	<i>Acer rubrum</i>	red maple	1" caliper	container
859	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container
267	<i>Prunus serotina</i>	black cherry	1" caliper	container
267	<i>Salix nigra</i>	black willow	1" caliper	container
267	<i>Carpinus caroliniana</i>	ironwood	1" caliper	container
267	<i>Ilex opaca</i>	American holly	1" caliper	container
613	<i>Quercus alba</i>	white oak	1" caliper	container
310	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container
310	<i>Betula nigra</i>	river birch	1" caliper	container
346	<i>Juniperus virginicus</i>	eastern red cedar	1" caliper	container
346	<i>Quercus cocinea</i>	scarlet oak	1" caliper	container
346	<i>Quercus rubra</i>	northern red oak	1" caliper	container
346	<i>Cercis canadensis</i>	eastern redbud	1" caliper	container
20	<i>Platanus occidentalis</i>	American sycamore	1.5-2" caliper	container
20	<i>Acer rubrum</i>	red maple	1.5-2" caliper	container
68	<i>Liriodendron tulipifera</i>	tulip poplar	1.5-2" caliper	container
20	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container
19	<i>Salix nigra</i>	black willow	1.5-2" caliper	container
19	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container
19	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container
65	<i>Quercus alba</i>	white oak	1.5-2" caliper	container
19	<i>Ametancher canadensis</i>	serviceberry	1.5-2" caliper	container
19	<i>Betula nigra</i>	river birch	1.5-2" caliper	container
46	<i>Juniperus virginicus</i>	eastern red cedar	1.5-2" caliper	container
46	<i>Quercus cocinea</i>	scarlet oak	1.5-2" caliper	container
45	<i>Quercus rubra</i>	northern red oak	1.5-2" caliper	container
45	<i>Cercis canadensis</i>	eastern redbud	1.5-2" caliper	container

PLANTING SCHEDULE--Forest Planting Bank (46.3 acres)

Bank Phase 1 (5.4 acres)

ZONE 3 A (225 trees/acre) 4.8 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
108	<i>Platanus occidentalis</i>	American sycamore	1" caliper	container	14 row
108	<i>Acer rubrum</i>	red maple	1" caliper	container	14 row
108	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
108	<i>Prunus serotina</i>	black cherry	1" caliper	container	14 row
108	<i>Salix nigra</i>	black willow	1" caliper	container	14 row
108	<i>Carpinus caroliniana</i>	ironwood	1" caliper	container	14 row
108	<i>Ilex opaca</i>	American holly	1" caliper	container	14 row
108	<i>Quercus alba</i>	white oak	1" caliper	container	14 row
108	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container	14 row
108	<i>Betula nigra</i>	river birch	1" caliper	container	14 row

ZONE 5 (194 trees/acre) 0.05 Acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
1	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	15 row
1	<i>Cornus florida</i>	flowering dogwood	1.5-2" caliper	container	15 row
1	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	15 row
5	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	15 row
1	<i>Betula nigra</i>	river birch	1.5-2" caliper	container	15 row

ZONE 7 (194 trees/acre) 0.50 Acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
6	<i>Platanus occidentalis</i>	American sycamore	1.5-2" caliper	container	15 row
6	<i>Acer rubrum</i>	red maple	1.5-2" caliper	container	15 row
5	<i>Liriodendron tulipifera</i>	tulip poplar	1.5-2" caliper	container	15 row
5	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	15 row
5	<i>Salix nigra</i>	black willow	1.5-2" caliper	container	15 row
5	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	15 row
5	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	15 row
5	<i>Quercus alba</i>	white oak	1.5-2" caliper	container	15 row
5	<i>Ametancher canadensis</i>	serviceberry	1.5-2" caliper	container	15 row
5	<i>Juniperus virginicus</i>	eastern red cedar	1.5-2" caliper	container	15 row

Bank Phase 2 (5.3 acres)

ZONE 3 A (225 trees/acre) 5.3 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
120	<i>Platanus occidentalis</i>	American sycamore	1" caliper	container	14 row
120	<i>Acer rubrum</i>	red maple	1" caliper	container	14 row
119	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
119	<i>Prunus serotina</i>	black cherry	1" caliper	container	14 row
119	<i>Salix nigra</i>	black willow	1" caliper	container	14 row
119	<i>Carpinus caroliniana</i>	ironwood	1" caliper	container	14 row
119	<i>Ilex opaca</i>	American holly	1" caliper	container	14 row
119	<i>Quercus alba</i>	white oak	1" caliper	container	14 row
119	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container	14 row
119	<i>Betula nigra</i>	river birch	1" caliper	container	14 row

Bank Phase 3 (4.70 acres)

ZONE 3 A (225 trees/acre) 4.26 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
96	<i>Platanus occidentalis</i>	American sycamore	1" caliper	container	14 row
96	<i>Acer rubrum</i>	red maple	1" caliper	container	14 row
96	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
96	<i>Prunus serotina</i>	black cherry	1" caliper	container	14 row
96	<i>Salix nigra</i>	black willow	1" caliper	container	14 row
96	<i>Carpinus caroliniana</i>	ironwood	1" caliper	container	14 row
96	<i>Ilex opaca</i>	American holly	1" caliper	container	14 row
96	<i>Quercus alba</i>	white oak	1" caliper	container	14 row
96	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container	14 row
96	<i>Betula nigra</i>	river birch	1" caliper	container	14 row

ZONE 5 (194 trees/acre) 0.11 Acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
3	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	15 row
3	<i>Cornus florida</i>	flowering dogwood	1.5-2" caliper	container	15 row
3	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	15 row
10	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	15 row
3	<i>Betula nigra</i>	river birch	1.5-2" caliper	container	15 row

ZONE 7 (194 trees/acre) 0.33 Acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
3	<i>Platanus occidentalis</i>	American sycamore	1.5-2" caliper	container	15 row
3	<i>Acer rubrum</i>	red maple	1.5-2" caliper	container	15 row
4	<i>Liriodendron tulipifera</i>	tulip poplar	1.5-2" caliper	container	15 row
4	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	15 row
4	<i>Salix nigra</i>	black willow	1.5-2" caliper	container	15 row
4	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	15 row
15	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	15 row
4	<i>Quercus alba</i>	white oak	1.5-2" caliper	container	15 row
4	<i>Ametancher canadensis</i>	serviceberry	1.5-2" caliper	container	15 row
4	<i>Betula nigra</i>	river birch	1.5-2" caliper	container	15 row
15	<i>Juniperus virginicus</i>	eastern red cedar	1.5-2" caliper	container	15 row

Bank Phase 4 (4.55 acres)

ZONE 3 A (225 trees/acre) 4.07 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
92	<i>Platanus occidentalis</i>	American sycamore	1" caliper	container	14 row
92	<i>Acer rubrum</i>	red maple	1" caliper	container	14 row
92	<i>Liriodendron tulipifera</i>	tulip poplar	1" caliper	container	14 row
92	<i>Prunus serotina</i>	black cherry	1" caliper	container	14 row
92	<i>Salix nigra</i>	black willow	1" caliper	container	14 row
92	<i>Carpinus caroliniana</i>	ironwood	1" caliper	container	14 row
91	<i>Ilex opaca</i>	American holly	1" caliper	container	14 row
91	<i>Quercus alba</i>	white oak	1" caliper	container	14 row
91	<i>Ametancher canadensis</i>	serviceberry	1" caliper	container	14 row
91	<i>Betula nigra</i>	river birch	1" caliper	container	14 row

ZONE 5 (194 trees/acre) 0.13 Acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
3	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	15 row
4	<i>Cornus florida</i>	flowering dogwood	1.5-2" caliper	container	15 row
3	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	15 row
12	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	15 row
4	<i>Betula nigra</i>	river birch	1.5-2" caliper	container	15 row

ZONE 7 (194 trees/acre) 0.35 Acre

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
4	<i>Platanus occidentalis</i>	American sycamore	1.5-2" caliper	container	15 row
4	<i>Acer rubrum</i>	red maple	1.5-2" caliper	container	15 row
4	<i>Liriodendron tulipifera</i>	tulip poplar	1.5-2" caliper	container	15 row
4	<i>Prunus serotina</i>	black cherry	1.5-2" caliper	container	15 row
4	<i>Salix nigra</i>	black willow	1.5-2" caliper	container	15 row
4	<i>Carpinus caroliniana</i>	ironwood	1.5-2" caliper	container	15 row
16	<i>Ilex opaca</i>	American holly	1.5-2" caliper	container	15 row
4	<i>Quercus alba</i>	white oak	1.5-2" caliper	container	15 row
4	<i>Ametancher canadensis</i>	serviceberry	1.5-2" caliper	container	15 row
4	<i>Betula nigra</i>	river birch	1.5-2" caliper	container	15 row
16	<i>Juniperus virginicus</i>	eastern red cedar	1.5-2" caliper	container	15 row

Bank Phase 5 (5.0 acres)

ZONE 3 A (225 trees/acre) 4.74 Acres

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	RATE
106	<i>Platanus occidentalis</i>	American sycamore			

STANDARD NOTES

STANDARD NOTES TO BE INCLUDED IN FINAL FOREST CONSERVATION PLAN

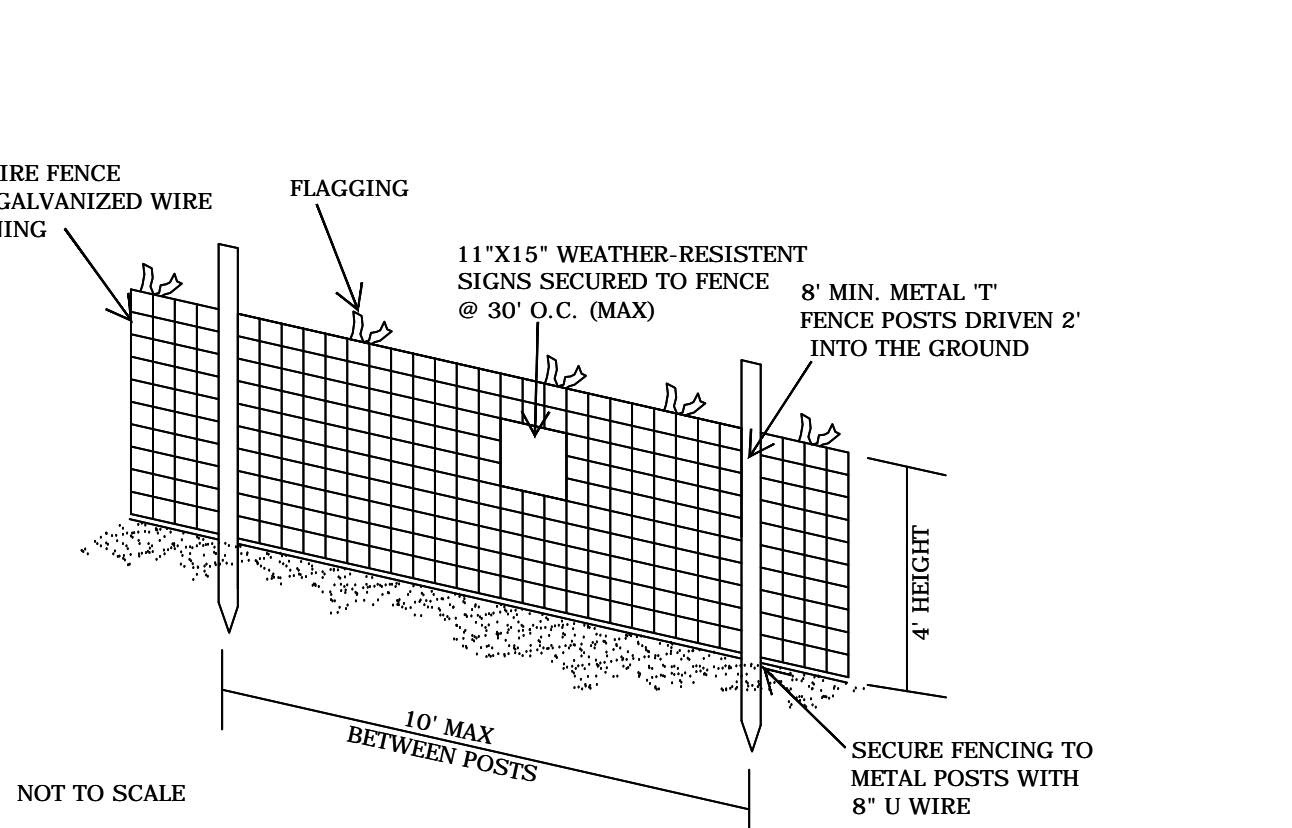
- a. An on-site pre-construction meeting shall be required after the limits of disturbance have been staked and flagged, but before any clearing or grading begins. The owner shall contact the Maryland National Capital Park and Planning Commission inspection staff prior to commencing construction to verify the limits of disturbance and discuss tree protection and tree care measures. The attendees at this meeting should include: developer's representative, construction superintendent, ISA certified arborist or MD licensed tree expert that will implement the tree protection measures, MNCPPC Planning Department Forest Conservation Inspector, MNCPPC Parks Inspector, MNCPPC Parks Manager, MNCPPC Parks Arborist (301-650-2614), MNCPPC Parks Horticulturalist (301-650-2611), and DPS sediment control inspector.

PRE-PLANTING SPECIFICATIONS

- 1. Allow six (6) months in advance to order materials and plants.
2. The preferred planting time for container grown materials (trees, shrubs, and seedlings) is from November through December. Planting shall not take place in sub-freezing temperatures, when the ground is frozen, or when the soil is too dry or wet, or otherwise in a condition not generally accepted as satisfactory for planting and may adversely affect plant materials.
3. All planting areas shall be in a stabilized condition so as to minimize soil erosion. For seeding specifications, see the note section, "Removal of Golf Course Features from the Afforestation Environmental Buffer".
4. The landscape contractor shall notify MNCPPC (301-495-4571) and ESA (410-287-0495) at least 2 weeks prior to the start of construction to arrange a pre-planting meeting.

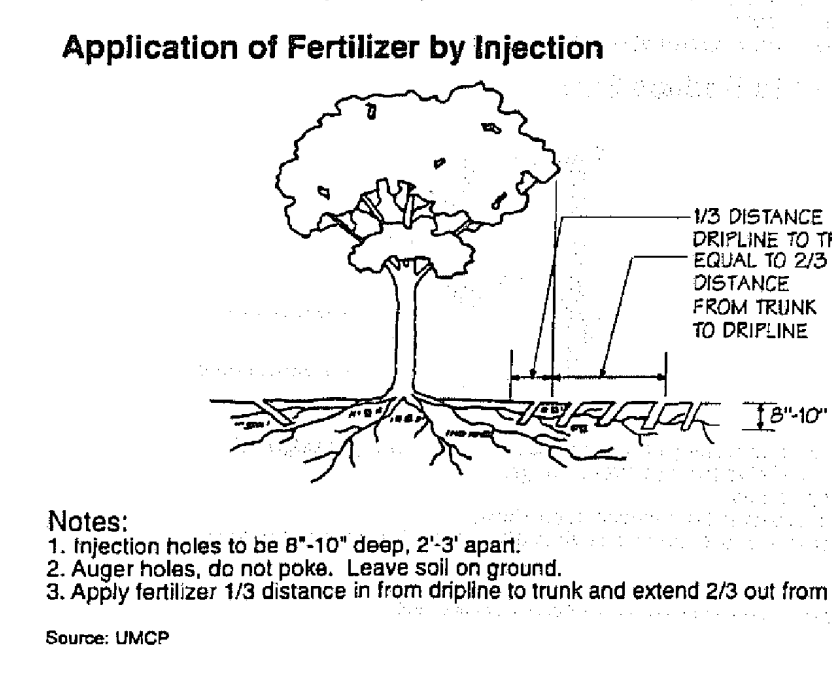
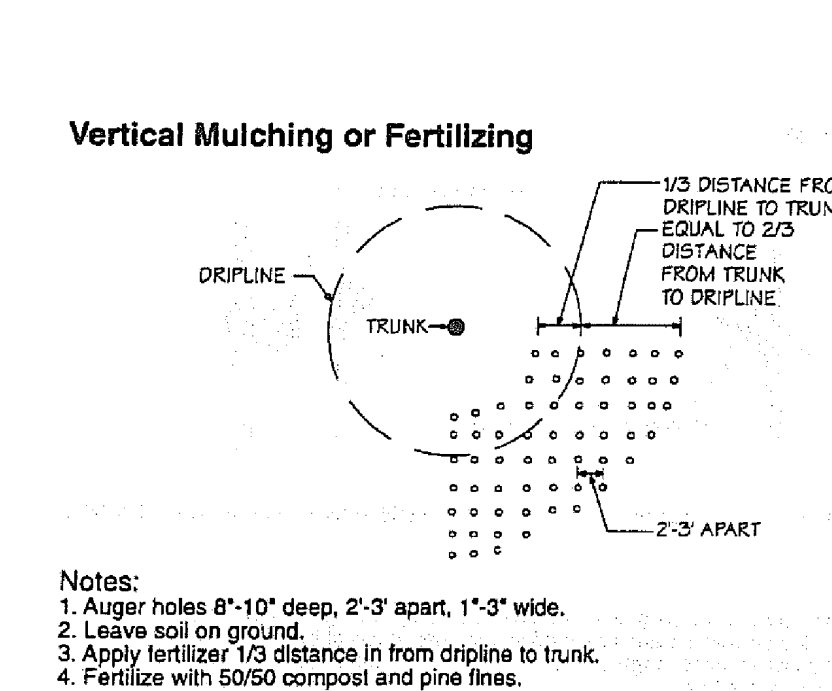
FINAL FOREST CONSERVATION WORKSHEET 41640.0
NET TRACT AREA: A. Total tract area = 310.8, B. Land dedication areas (parks, county facility, etc.) = 0.0, C. Land dedication for roads or utilities (not being constructed by plan) = 0.0, D. Area to remain in commercial agricultural production/ use = 0.0, E. Other deductions (specify) = 0.0, F. Net Tract Area = 310.8
LAND USE CATEGORY: ARA MDR IDA HDR MPD CIA, 0 0 0 1 0 0
EXISTING FOREST COVER: I. Existing forest cover = 33.0, J. Area of forest above afforestation threshold = 0.0, K. Area of forest above conservation threshold = 0.0
BREAK EVEN POINT: L. Forest retention above threshold with no mitigation = 0.0, M. Clearing permitted without mitigation = 0.0
PROPOSED FOREST CLEARING: N. Total area of forest to be cleared = 2.8, O. Total area of forest to be retained = 30.2
PLANTING REQUIREMENTS: P. Reforestation for clearing above conservation threshold = 0.0, Q. Reforestation for clearing below conservation threshold = 5.6, R. Credit for retention above conservation threshold = 0.0, S. Total reforestation required = 5.6, T. Total afforestation required = 13.6, U. Net afforestation requirement = 19.2

TREE PROTECTION FENCE



FERTILIZING

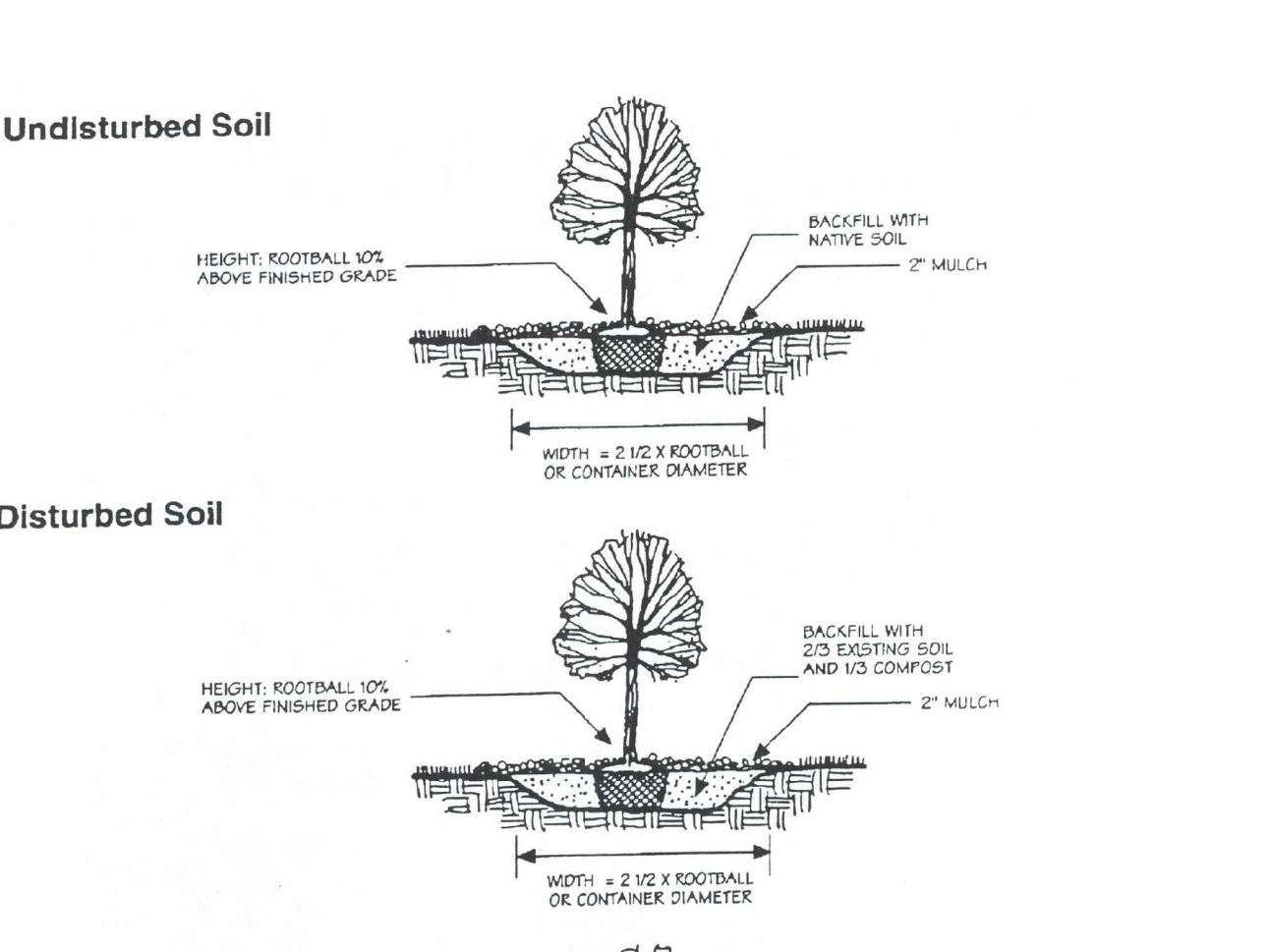
Verticle Mulching or Fertilizing



Notes: 1. Auger holes 8-10 inch deep, 2-3 inch apart, 1-3/4 inch wide. 2. Auger holes shall be 1/2 distance in from opposite to trunk. 3. Apply fertilizer 1/2 distance in from opposite to trunk. 4. Fertilize with 50/50 complete and pre-fertilizer.

PLANTING

Container Grown B & B Planting Detail



PLANTING

Tree Planting Calendar

Tasks and Months calendar showing planting tasks from Jan to Dec. Legend includes Recommended Optimal Time, Recommended with Additional Care, Recommended, and Dependent Upon the Conditions.

GENERAL NOTES

- 1. This planting plan is provided in accordance with the requirements set forth by the Forest and Tree Preservation Ordinance of Montgomery County. The preparation of this plan, the notes and details were prepared using the guidelines of the Montgomery County Adopted Forest Conservation Manual.
2. Afforestation/retention and related work must be performed by a contractor that is knowledgeable and experienced in afforestation/retention techniques and planting practices.
3. The enforcement staff of Montgomery County requires that all trees planted in conformance with the Forest and Tree Preservation Ordinance, must be alive and in good condition at the end of the two-year maintenance period in order for the release of financial security.

PLANTING SPECIFICATIONS

- 1. Refer to the planting plan and plant schedule for plant material size, location, and spacing.
2. Planting holes should be tractor-drilled, rather than hand-dug. The holes should be twice as wide as the root ball. De-consolidate the soil within the afforestation/retention areas 12" by doing or plowing, except in areas identified as wetlands on the plan.
3. Backfill mixture for containerized trees shall be 3/4 existing soil mixed with 1/4 organic material if planted on fill material 12" or more above topsoil or other approved equal. Remove the trees from the container and gently loosen the roots from the soil. During the backfilling process, thoroughly water soil around the root mass while tamping the backfilled mixture to eliminate any air pockets. After backfilling is complete, and the top of the root mass and planting area is mulched, water on the exterior of the root mass until it is thoroughly saturated, even if it is raining.
4. Only the number of trees that can be planted in one day shall be taken to the field.
5. Trees shall not receive an amended backfill mixture but shall be fertilized at the manufacturer's recommended rate. Remove the trees from the container and gently loosen the roots from the soil. Hydrophilic gel should be used in the base of the planting hole to enhance the soil moisture. After backfilling tamp the backfill to eliminate any air pockets. After backfilling is complete, and the top of the root mass and planting area is mulched, water on the exterior of the root mass until it is thoroughly saturated, even if it is raining.
6. Trees shall be mulched after planting, as identified in the details on this sheet.
7. Remove all tags, labels, string and wire from the planting material after planting.
8. All plant installation shall follow the latest edition of the MNCPPC publication "Trees-Approved Technical Manual".
9. Stock will be planted in rows to allow for the area to be moved to control competing vegetation.
10. Planting fields should be limited to 2.5 times root ball diameter. Native soil material will be used to backfill plant at the same depth as the root ball to remove air pockets. Rake soil evenly over the planting field and cover hole with three inches of mulch. Water to settle soil and provide moisture as needed.

GUARANTEE AND REPLACEMENT

- 1. All plant material shall be guaranteed by the landscape contractor to remain alive and in a healthy, vigorous condition for a period of one year following planting. This statement applies to the landscape contractor only.
2. At the end of the warranty period, inspection of the plant material will be made by the Owner's representative. Plant material which is dead or in an unhealthy condition shall be removed from the site and replaced at the expense of the landscape contractor.
3. A plant shall be considered dead when the main leader has died back or 25% of the crown is dead.
4. Plant material replacements shall be of the same size, type, and variety as the plants specified in the planting schedule or as accepted in writing as substitutes in original planting. Plants shall be furnished, planted, and mulched as specified in these plans and at the expense of the landscape contractor.

DEVELOPMENT PROGRAM

- 1. The development process for the planting area is as follows:
• Installation of afforestation/retention areas and permanent signage. Afforestation/retention areas must be accomplished no later than 1 year after the completion of the development project;
• Maintain the afforestation/retention areas for a period of 2 years to guarantee the required survival rates; and
• Final inspection and release of financial security.
2. Financial security must be provided before Enforcement and Monitoring staff of MNCPPC authorize clearing and grading activities to begin.
3. The amount of financial security will be equal to the estimated cost of the afforestation/retention and maintenance.
4. The financial security will be in force until all measures for afforestation/retention and maintenance requirements have been fulfilled to the satisfaction of the MNCPPC Enforcement and Monitoring staff.
5. Partial release of the financial security may be authorized by MNCPPC Enforcement and Monitoring staff after planting has been completed. If staff is satisfied that the planting plan has been followed and the plant material is properly planted and in good condition, up to one-half of the financial security will be released.
6. Full release of the financial security will be provided by MNCPPC at the end of the two-year maintenance and monitoring period, provided the conservation area passes inspection.

MAINTENANCE SCHEDULE

- 1. Forest planting shall commence at the initial stages of development. Forest planting areas are to be covered by a two-year maintenance program, with a two-year bond. The planted areas shall be monitored annually after planting for two years by the Owner's representative. The Owner shall replace any plantings that die within that two-year period to a minimum standard of 100 trees per acre or at least 75% of the total trees planted per acre (whichever is greater), so as to ensure compliance with survival requirements stated in the Tree Manual. At the end of the two-year period, the Owner's representative will request MNCPPC inspection.
2. The forest planting requires a gross/aggressive, non-native invasive control program for five years (years 1 through 5). An inspection by the MNCPPC Planning Department Forest Conservation Inspector and the MNCPPC Parks Forest Ecologist must be made each summer (years 1 through 5) to check for non-native invasive infestation. If infestation occurs, an issue at that time, then measures (mechanical removal or herbicide application) as is deemed appropriate by the MNCPPC Parks Forest Ecologist will need to be done during the growing season-before the invasives set seed.
3. During each inspection following planting, the Owner's representative will be accompanied by MNCPPC Planning Department Forest Conservation Inspector and the MNCPPC Parks Forest Ecologist will jointly evaluate the need for additional watering, additional fertilizer or lime, and any additional steps to control competing vegetation. Disease potential or any outside influences having a deleterious effect on the mitigation sites will also be assessed.

QUALITY ASSURANCE

- 1. Names of plant material listed conform generally with names accepted by the nursery trade. The contractor is to provide stock true to botanical name.
2. All plant material shall conform to the current issue of the American Standard for Nursery Stock published by the American Association of Nurserymen and as specified below. Plant material delivered to the site which does not conform to the American Standard for Nursery Stock or the following will be rejected by ESA, Inc. and must be immediately removed from the site by the landscape contractor.
3. Hardwood stock shall meet the following standards: Trees shall have a solid root mass with the soil in place. The roots shall appear clean and white in coloration. If growing, the trees shall appear healthy with no foliage spots, discoloration, wilting or other evidence of the presence of diseases or insects.
4. If specified material is not available, or species changes are requested, all substitutions must be approved by MNCPPC staff (301-495-4571) prior to scheduling a pre-planting meeting. Only native material as defined by the Montgomery County Trees Technical Manual will be acceptable for afforestation/retention plantings.
5. All plant material shall be obtained from nurseries that have been inspected and certified by state plant inspectors.

PRODUCT SPECIFICATIONS

- 1. FERTILIZER: All fertilizer shall be granular, packet or pellet with 35 to 80% of the total nitrogen in a slow release form. For trees and shrubs fertilizer shall be a complete fertilizer with a minimum analysis of 10% nitrogen, 5% phosphorus, and 4% potassium. For use on specimen or significant trees, the fertilizer shall be high in phosphorus and low in nitrogen to promote root growth. A water insoluble nitrogen, 2-year release fertilizer with a rate of 20% nitrogen, 10% phosphorus and 5% potassium shall be used in wetland and riparian backfill mixtures. Fertilizer shall be added depending on the size of the plant and the manufacturer's recommended rate.
2. ORGANIC MATTER:
• Peatmoss of 3:1:5:0; or Sedge Peat --Type I sphagnum peatmoss, finely divided with pH of approximately 4.5.
• Composted --Decomposed, screened, polymer-dewatered sewage sludge with a pH of 6.2-7.2.
3. BACK-FILL MIXTURE: Back-fill mixture for containerized trees shall be 3/4 existing soil mixed with 1/4 organic material, plus granular fertilizer.
4. MULCH: Material shall be well aged, tree shredded hardwood, dark brown in color, or approved equal. Material shall be mulching grade, uniform in size and free of foreign matter.

DEVELOPER'S CERTIFICATE

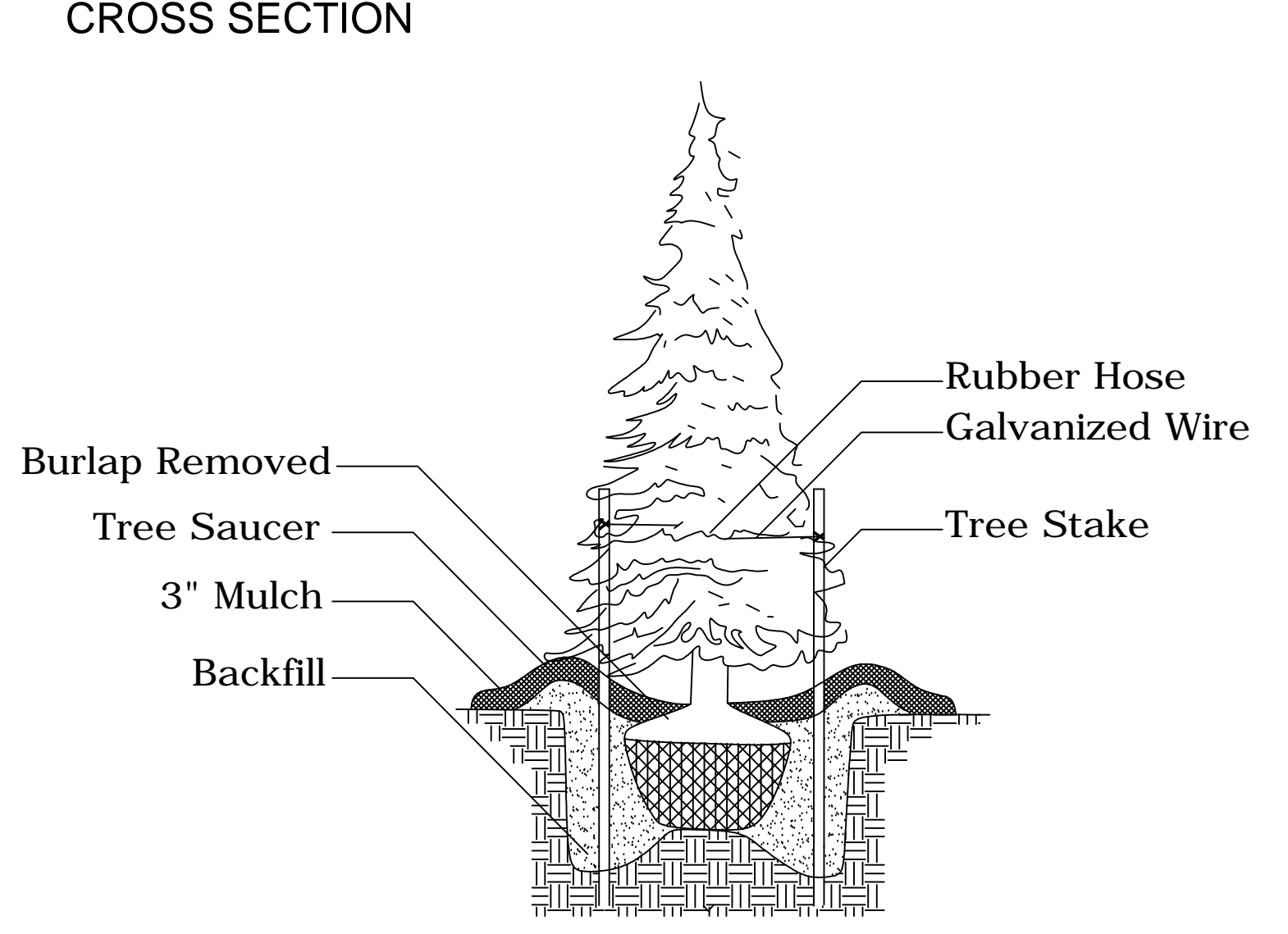
The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. #202072022 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
Developer's Name: Winchester Homes
Printed Name: Michael Lemon
Address: 6925 Rockledge Drive, Suite 800, Bethesda, MD 20817
Phone and Email: 301-803-4800 michael.lemon@winchesterhomes.com
Signature:

ALL ON-SITE FOREST RETENTION AREAS AND FOREST PLANT AREAS ARE TO BE PLACED IN CONSERVATION EASEMENTS OR WITHIN PARK DEDICATION.

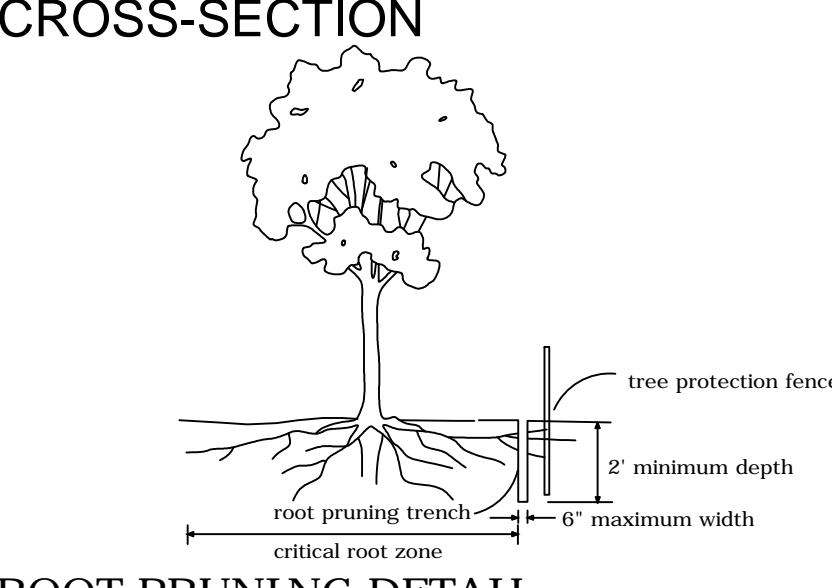
INVASIVE PLANT MANAGEMENT PLAN FOR THE POPLAR RUN AFFORESTATION ENVIRONMENTAL BUFFER

Afforestation is proposed in an area which was a golf course. The proposed tree plantings are to be 1 to 2-inch caliper stock, which reduces future impacts related to deer browse and invasive vine situation. It has been agreed with the MNCPPC Environmental Planning Division, that turf grasses would remain in place and that tree plantings would be drilled using a tractor with PTO and auger. Since the turf grasses will go fallow through the 5-year invasive plant control program, it is expected that invasive plant encroachment will be possibly inhibited. Areas within the environmental buffer that will be disturbed will be hydro-seeded with the following mix: Virginia wild rye (Elymus virginicus), deer tongue (Dichanthium clandestinum), bottlebrush grass (Elymus hystrix) at 5 lbs./acre each, mixed with red fescue (Festuca rubra) at 10 lbs./acre and cereal barley (or cereal oats or cereal rye) at 30 lbs./acre for a 55 lbs./acre mix. The cereal grain will provide for a quick start and erosion control planting and will die out once the native grasses become established.

EVERGREEN PLANTING DETAIL CROSS SECTION



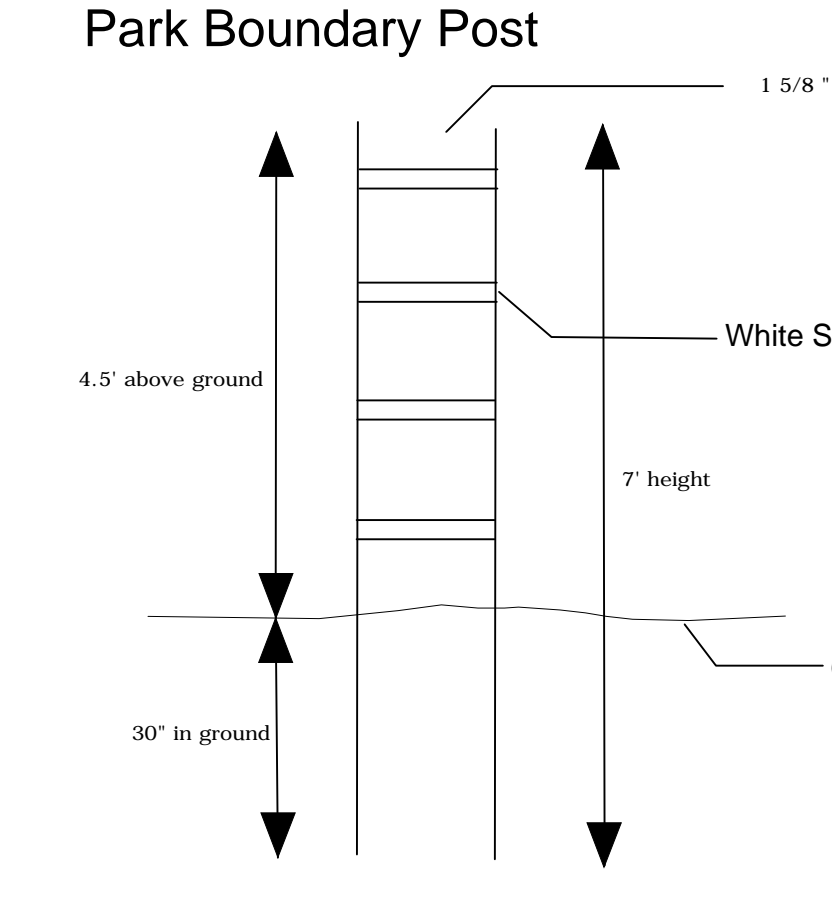
ROOT PRUNING DETAIL CROSS-SECTION



ROOT PRUNING DETAIL NOTES

- 1. Retention Areas will be set as part of the review process.
2. Boundaries of Retention Areas should be staked & flagged prior to trenching.
3. Exact location of trench should be identified.
4. Trench the area 1' beyond the LOD and excavate approximately 24 inches deep with a 4-6 inch trencher.
5. Immediately after trenching and cutting along roots in the trench area, prune the root so as to provide good clean cuts. Backfill the trench with the excavated material or topsoil with a high organic content.
6. Water the backfilled trench immediately, until trench overflows. Settled areas should be filled with backfill until level with the existing ground.
7. Apply a 3" deep, 3' wide band of mulch to the tree's critical root zone at the limit of forest clearing (adjacent to the LOD).

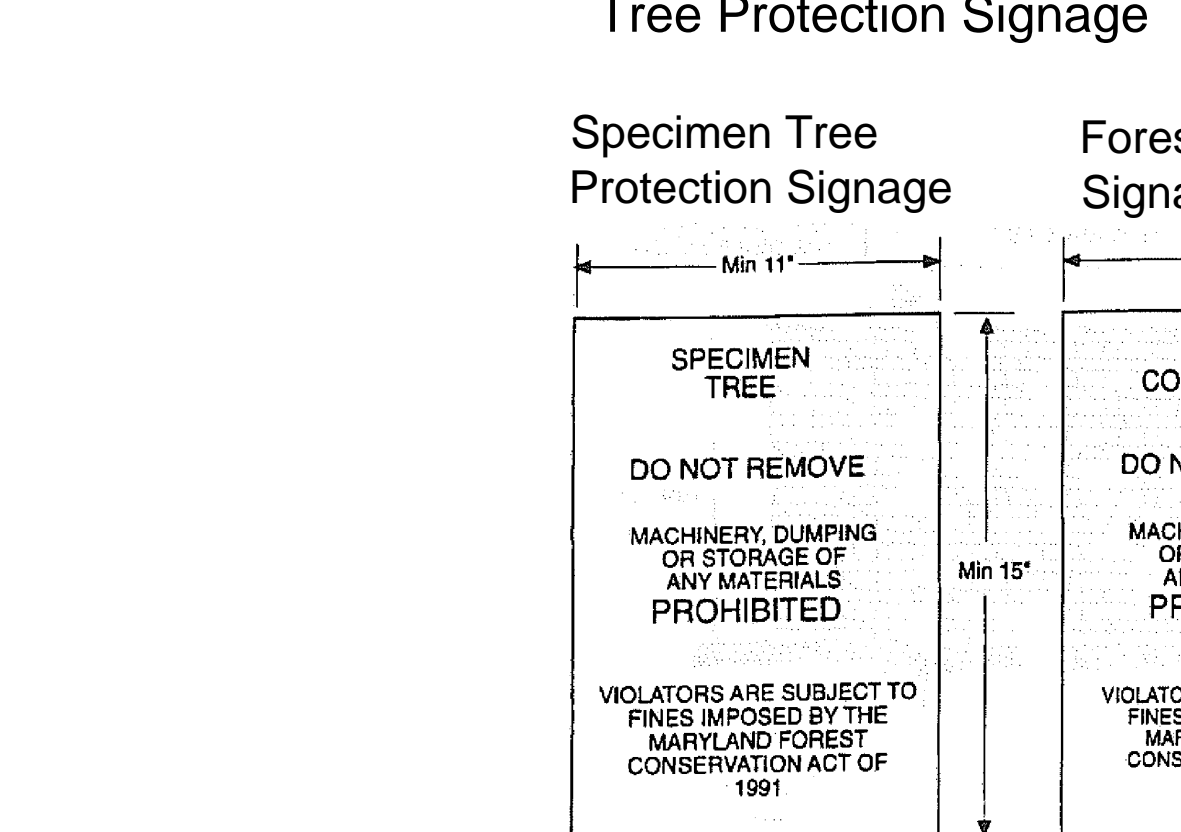
PERMANENT MARKER Park Boundary Post



NOTE

- 1. Posts are 7 ft. long, green vinyl, codal SS-40, available from Long Fence.
2. Each post has 3 to 4 white horizontal stripes, 2.5 to 3 in. wide, spaced approximately 6 in. apart. The stripes may be white paint or white vinyl tape.
3. Posts are spaced along the park property boundary, located at property corners or at approximately 300-ft. intervals, as shown on the plans.

TEMPORARY SIGNAGE Tree Protection Signage

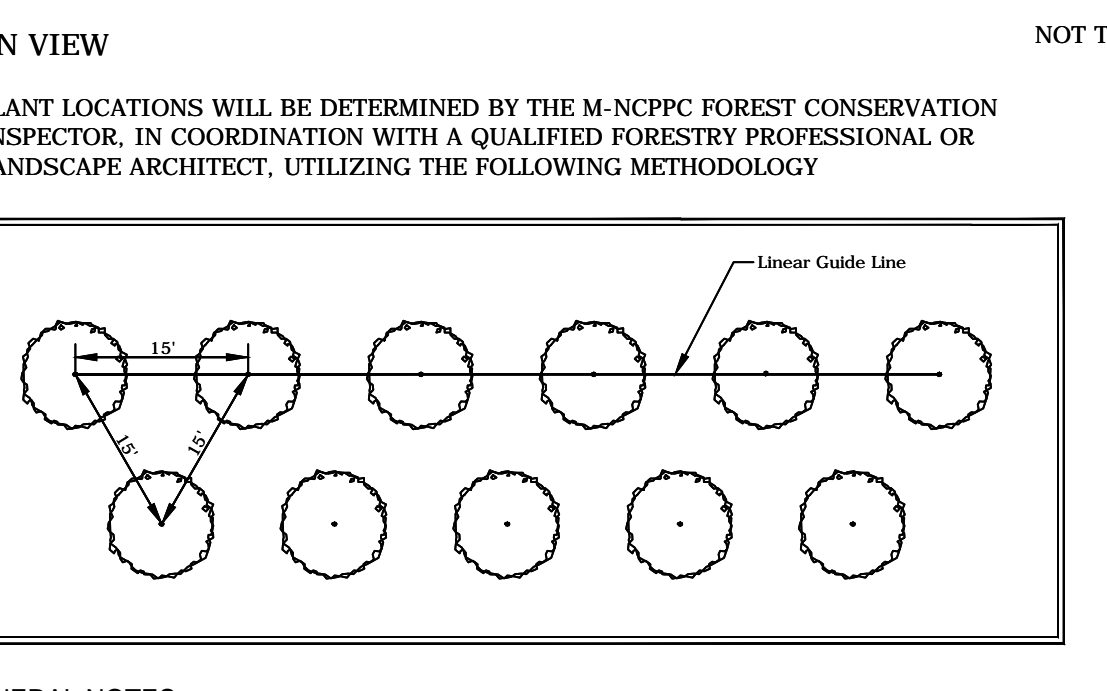


NOTES

- 1. Attach signs to tree protection fence (see detail and plans for locations).
2. Attachment of signs to trees is prohibited.
3. Signs should be properly maintained.
4. Signs should be posted to be visible to all construction personnel from all directions.
Signs are to be high density, flexible, weather-resistant plastic.

PLANTING Typical Staggered Linear Planting for Buffer Strip

PLAN VIEW



GENERAL NOTES:

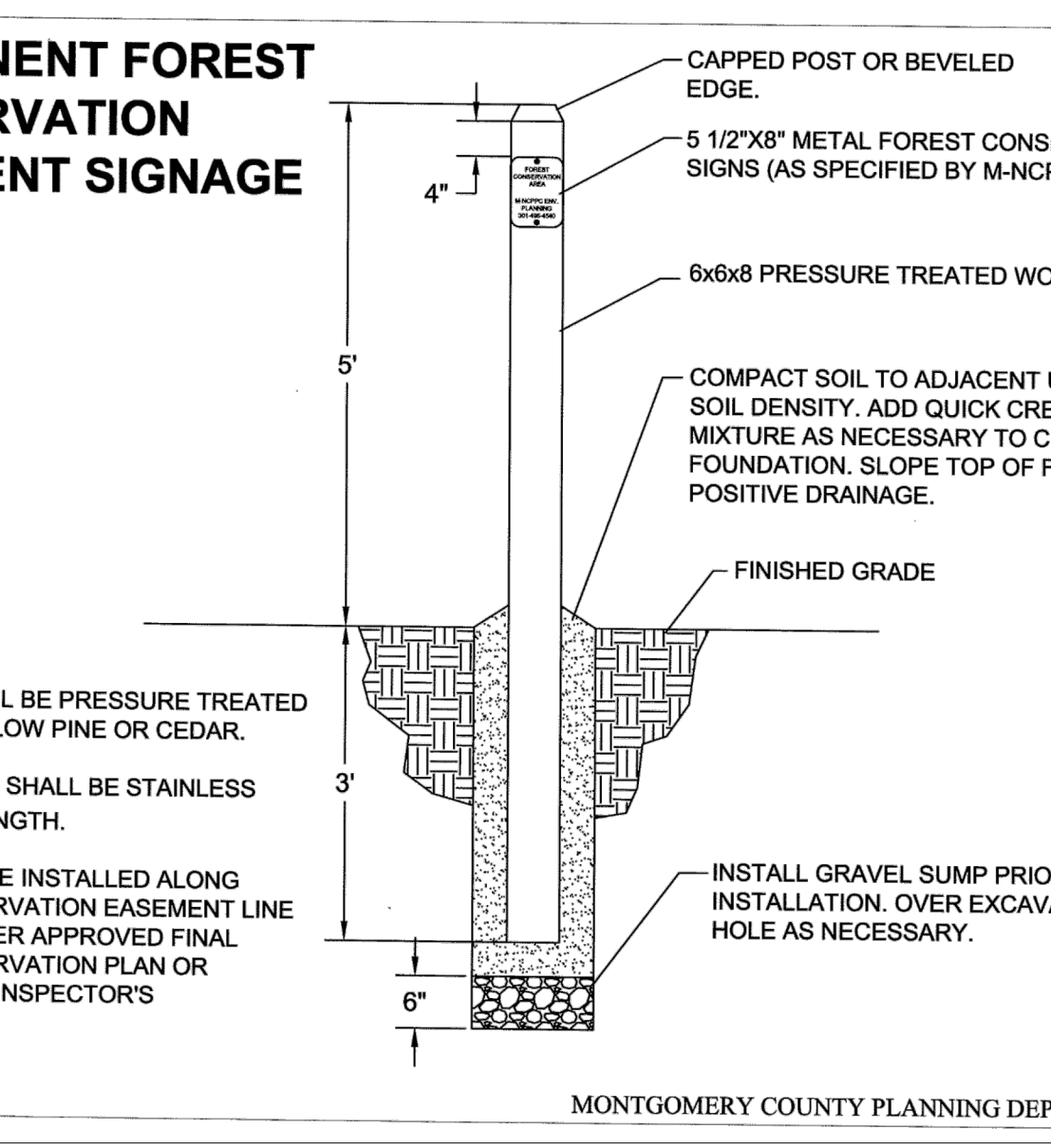
- 1. A buffer strip of trees will be planted within parkland at the rear and sides of lots to demarcate the property boundary between lots and parkland. The buffer strip will be planted during the first planting season after the earlier of: stabilization of slopes to finished grade within the parkland adjacent to the lots, or removal of the sediment traps(s) serving the lots. MNCPPC and DPS inspectors will coordinate in the field when this point in time occurs for each row of lots, and the MNCPPC Inspector will notify the builder at the appropriate time when the buffer strip planting is expected to occur.
2. The buffer strip will consist of at least two staggered rows of trees, planted 15 feet on center; the strip is comprised of planting zones 5, 7, and 8.
3. At least one-fourth of the planted stock in the buffer strip must be at least 2 inches in dbh. The maximum number of trees shall be 1.5 inches in dbh.
4. At least 75 percent of the first row of plantings must be evergreen species.
5. The buffer strips of planted trees can be counted towards any forest banking planting that occurs adjacent to the strips.
6. No FCP bond will be required for the buffer strip planting. There will be a 2-year survivability warranty for Winchester Homes for the 2 years start from the time the MNCPPC Inspector determines that plant materials have been installed and are acceptable. At the end of 2 years, the inspector must determine that the planted trees are growing and are in good shape. If not, Winchester Homes must replace the dead or dying trees.
7. Where there are no specific measures required for the care of planted trees within the buffer strips, Winchester Homes will provide whatever it believes is necessary to protect the planted trees for the 2-year period.
8. The buffer strip areas of dedicated parkland next to the side yards of lots must be planted with smaller species of trees (e.g., dogwood instead of oak) than areas of parkland that are adjacent to the back of lots. These areas need to be the side yards of lots have their own planting zone list, planting zone #5.
9. The area in parkland adjacent to road adjacent to parkland, the buffer strip planting is not necessary. The area in parkland adjacent to the road ROW may be planted/maintained as grass or meadow cover.

PLANTING NOTES:

- 1. The MNCPPC forest conservation inspector, in coordination with the qualified forestry professional or landscape architect, will set the linear guide line.
2. Trees will be planted at 15' increments along the linear guide line.
3. Stagger second row trees by offsetting 1/2' from two adjacent trees along the linear guide line.
4. Locate their intersection point.
5. Plant row at intersection of offset lines.
6. Continue locating staggered second row of trees for the entire length of the linear guide line.

PERMANENT SIGNAGE Afforestation/Reforestation Protection Signage

PERMANENT FOREST CONSERVATION EASEMENT SIGNAGE



NOTE:

- ALL WOOD SHALL BE PRESSURE TREATED SOUTHERN YELLOW PINE OR CEDAR.
ALL FASTENERS SHALL BE STAINLESS STEEL 1/2" IN LENGTH.
ALL POSTS TO BE INSTALLED ALONG FOREST CONSERVATION EASEMENT LINE AS SPECIFIED HEREIN AND THE FINAL FOREST CONSERVATION PLAN OR MNCPPC FIELD INSPECTOR'S INSTRUCTIONS.
MONTGOMERY COUNTY PLANNING DEPT., JULY 2008

AMENDMENT #3 TO FINAL FCP

POPLAR RUN (Formerly Known as Indian Spring)

Montgomery County, Maryland
SCALE: NTS
DATE: 06.11.14
ESA JOB #: 03-04
DRAWING: 202303A-Indian Spring/CAD
Environmental Systems, Inc.
1602 West Street
Arlington, VA 22202
410.287.0495
SHEET: 11 of 13

TAG #	BOTANICAL NAME	COMMON NAME	D.B.H.	CONDITION	TAG #	BOTANICAL NAME	COMMON NAME	D.B.H.	CONDITION	TAG #	BOTANICAL NAME	COMMON NAME	D.B.H.	CONDITION	TAG #	BOTANICAL NAME	COMMON NAME	D.B.H.	CONDITION
1	Quercus borealis	Red Oak	27"	Moderate - crown loss	146	Pinus strobus	White Pine	25"	Good	300	Quercus spp.	Oak spp.	35"	Poor - 1/2 missing	450	Quercus spp.	Oak spp.	26"	Good
2	Betula nigra	River Birch	24"	Good	147	Pinus strobus	White Pine	24"	Good	301	Quercus spp.	Oak spp.	31"	Moderate - crown damage	451	Quercus alba	White Oak	36"	Good
3	Liriodendron tulipifera	Tulip Poplar (double)	32"/24"	Good	148	Acer spp.	Maple spp.	32"	Good	302	Pinus strobus	White Pine	30"	Good	452	Liriodendron tulipifera	Tulip Poplar	47"	Moderate - reduced crown, hollow
4	Quercus borealis	Red Oak	31"	Good	149	Acer rubrum	Red Maple	33"	Good	303	Quercus borealis	Red Oak	28"	Good	453	Pinus strobus	White Pine	35"	Good
5	Quercus alba	White Oak	25"	Good	150	Liriodendron tulipifera	Tulip Poplar	33"	Good	304	Pinus strobus	White Pine	25"	Good	454	Pinus strobus	White Pine	35"	Good
6	Acer rubrum	Red Maple	30"	Moderate - crown loss, 10d lean, 0 stream bank	151	Pinus strobus	White Pine	30"	Good	305	Pinus strobus	White Pine	25"	Good	455	Pinus strobus	White Pine	35"	Good
7	Platanus occidentalis	Sycamore	42"	Good	152	Liriodendron tulipifera	Tulip Poplar	42"	Good	306	Pinus strobus	White Pine	25"	Good	456	Liriodendron tulipifera	Tulip Poplar	24"	Good
8	Quercus borealis	Red Oak	27"	Good	153	Pinus strobus	White Pine	27"	Good	307	Pinus strobus	White Pine	27"	Good	457	Quercus alba	White Oak	26"	Good
9	Liriodendron tulipifera	Tulip Poplar	35"	Good	154	Liriodendron tulipifera	Tulip Poplar	24"	Good	308	Pinus strobus	White Pine	30"	Good	458	Quercus alba	White Oak	26"	Good
10	Quercus alba	White Oak	24"	Good	155	Quercus borealis	Red Oak	26"	Good	309	Pinus strobus	White Pine	30"	Good	459	Quercus borealis	Red Oak	26"	Good
11	Betula nigra	River Birch	45"	Good	156	Liriodendron tulipifera	Tulip Poplar	35"	Moderate - some crown loss	310	Pinus strobus	White Pine	27"	Good	460	Quercus alba	White Oak	33"	Moderate - reduced crown, hollow
12	Quercus borealis	Red Oak	24"	Good	157	Pinus strobus	White Pine	24"	Good	311	Pinus strobus	White Pine	27"	Good	461	Pinus strobus	White Pine	25"	Good
13	Quercus borealis	Red Oak	48"	Good	158	Liriodendron tulipifera	Tulip Poplar	40"	Good	312	Quercus spp.	Oak spp.	26"	Good	462	Pinus strobus	White Pine	28"	Good
14	Liriodendron tulipifera	Tulip Poplar	31"	Good	159	Liriodendron tulipifera	Tulip Poplar	40"	Good	313	Quercus borealis	Red Oak	36"	Good	463	Pinus strobus	White Pine	28"	Good
15	Liriodendron tulipifera	Tulip Poplar	24"	Good	160	Pinus strobus	White Pine	24"	Good	314	Quercus spp.	Oak spp.	30"	Moderate - some crown loss	464	Pinus strobus	White Pine	28"	Good
16	Quercus alba	White Oak	28"	Good	161	Pinus strobus	White Pine	26"	Good	315	Pinus strobus	White Pine	24"	Good	465	Pinus strobus	White Pine	28"	Good
17	Liriodendron tulipifera	Tulip Poplar	27"	Moderate - 1/2 crown gone, 15d lean	162	Pinus strobus	White Pine	26"	Good	316	Quercus borealis	Red Oak	30"	Good	466	Pinus strobus	White Pine	28"	Good
18	Liriodendron tulipifera	Tulip Poplar	29"	Good	163	Pinus strobus	White Pine	26"	Good	317	Pinus strobus	White Pine	28"	Good	467	Pinus strobus	White Pine	24"	Good
19	Liriodendron tulipifera	Tulip Poplar	27"	Good	164	Pinus strobus	White Pine	28"	Good	318	Quercus borealis	Red Oak	29"	Poor - significant crown loss	468	Pinus strobus	White Pine	25"	Good
20	Liriodendron tulipifera	Tulip Poplar	29"	Good	165	Pinus strobus	White Pine	32"	Good	319	Carya spp.	Hickory spp.	25"	Good	469	Pinus strobus	White Pine	24"	Good
21	Quercus borealis	Red Oak	43"	Moderate - crown damage	166	Liriodendron tulipifera	Tulip Poplar	30"	Good	320	Pinus strobus	White Pine	27"	Good	470	Pinus strobus	White Pine	24"	Good
22	Liriodendron tulipifera	Tulip Poplar (double)	26"/28"	Moderate - basal rot	167	Pinus strobus	White Pine	24"	Good	321	Pinus strobus	White Pine	28"	Good	471	Pinus strobus	White Pine	24"	Good
23	Quercus borealis	Red Oak	36"	Moderate - trunk & crown damage	168	Pinus strobus	White Pine	27"	Good	322	Pinus strobus	White Pine	27"	Good	472	Pinus strobus	White Pine	25"	Good
24	Quercus borealis	Red Oak	38"	Good	169	Liriodendron tulipifera	Tulip Poplar	30"	Good	323	Pinus strobus	White Pine	24"	Good	473	Pinus strobus	White Pine	28"	Good
25	Liriodendron tulipifera	Tulip Poplar	28"	Good	170	Pinus strobus	White Pine	31"	Moderate - some limb loss	324	Pinus strobus	White Pine	27"	Good	474	Liriodendron tulipifera	Tulip Poplar	55"	Good
26	Quercus borealis	Red Oak	38"	Good	171	Pinus strobus	White Pine	26"	Good	325	Salix babylonica	Willow	27"	Good	475	Pinus strobus	White Pine	30"	Good
27	Quercus borealis	Red Oak	31"	Poor - crown damage, 20d lean	172	Pinus strobus	White Pine	25"	Good	326	Picea abies	Norway Spruce	26"	Good	476	Pinus strobus	White Pine	30"	Good
28	Quercus borealis	Red Oak	36"	Good	173	Acer rubrum	Red Maple	29"	Moderate - reduced crown	327	Pinus strobus	White Pine	27"	Good	477	Quercus alba	White Oak	39"	Good
29	Quercus borealis	Red Oak	32"	Good	174	Liriodendron tulipifera	Tulip Poplar	35"	Good	328	Pinus strobus	White Pine	27"	Good	478	Fraxinus americana	White Ash	36"	Good
30	Quercus alba	White Oak (triple)	30"/38"/18"	Good	175	Liriodendron tulipifera	Tulip Poplar	35"	Good	329	Pinus strobus	White Pine	27"	Good	479	Liriodendron tulipifera	Tulip Poplar	36"	Good
31	Quercus borealis	Red Oak	45"	Good	176	Liriodendron tulipifera	Tulip Poplar	37"	Good	330	Pinus strobus	White Pine	28"	Good	480	Liriodendron tulipifera	Tulip Poplar	27"	Good
32	Liriodendron tulipifera	Tulip Poplar	35"	Good	177	Pinus strobus	White Pine	30"	Good	331	Pinus strobus	White Pine	28"	Good	481	Liriodendron tulipifera	Tulip Poplar	27"	Good
33	Liriodendron tulipifera	Tulip Poplar (double)	32"/35"	Good	178	Liriodendron tulipifera	Tulip Poplar	30"	Good	332	Pinus strobus	White Pine	27"	Good	482	Fraxinus spp.	Ash spp.	30"	Good
34	Liriodendron tulipifera	Tulip Poplar	32"	Good	179	Pinus strobus	White Pine	30"	Good	333	Pinus strobus	White Pine	27"	Good	483	Quercus borealis	Red Oak	39"	Good
35	Quercus alba	White Oak	38"	Moderate - crown loss, two leader - one leader leaning at 20d	180	Liriodendron tulipifera	Tulip Poplar	31"	Good	334	Pinus strobus	White Pine	27"	Good	484	Liriodendron tulipifera	Tulip Poplar	34"	Good
36	Quercus borealis	Red Oak	32"	Good	181	Liriodendron tulipifera	Tulip Poplar	29"	Good	335	Pinus strobus	White Pine	27"	Good	485	Pinus strobus	White Pine	27"	Good
37	Quercus borealis	Red Oak	25"	Good	182	Liriodendron tulipifera	Tulip Poplar	27"	Good	336	Pinus strobus	White Pine	27"	Good	486	Pinus strobus	White Pine	28"	Good
38	Liriodendron tulipifera	Tulip Poplar	32"	Good	183	Liriodendron tulipifera	Tulip Poplar	42"	Good	337	Quercus spp.	Oak spp.	37"	Moderate - some crown loss, 10d lean	487	Pinus strobus	White Pine	29"	Good
39	Quercus borealis	Red Oak	36"	Good	184	Pinus strobus	White Pine	24"	Good	338	Pinus strobus	White Pine	24"	Good	488	Liriodendron tulipifera	Tulip Poplar	27"	Good
40	Liriodendron tulipifera	Tulip Poplar	25"	Good	185	Liriodendron tulipifera	Tulip Poplar	42"	Good	339	Quercus spp.	Oak spp.	37"	Good	489	Pinus strobus	White Pine	29"	Good
41	Quercus borealis	Red Oak	30"	Good	186	Pinus strobus	White Pine	27"	Good	340	Pinus strobus	White Pine	27"	Good	490	Pinus strobus	White Pine	29"	Good
42	Liriodendron tulipifera	Tulip Poplar	24"	Good	187	Pinus strobus	White Pine	24"	Good	341	Pinus strobus	White Pine	27"	Good	491	Pinus strobus	White Pine	25"	Good
43	Liriodendron tulipifera	Tulip Poplar	26"	Good	188	Pinus strobus	White Pine	34"	Good	342	Pinus strobus	White Pine	26"	Good	492	Pinus strobus	White Pine	28"	Moderate - weak crown
44	Quercus borealis	Red Oak	24"	Good	189	Pinus strobus	White Pine	34"	Good	343	Picea abies	Norway Spruce	24"	Good	493	Pinus strobus	White Pine	29"	Good
45	Liriodendron tulipifera	Tulip Poplar	24"	Good	190	Pinus strobus	White Pine	31"	Good	344	Pinus strobus	White Pine	29"	Good	494	Liriodendron tulipifera	Tulip Poplar	32"	Good
46	Platanus occidentalis	Sycamore	24"	Good	191	Pinus strobus	White Pine	29"	Good	345	Pinus strobus	White Pine	29"	Good	495	Pinus strobus	White Pine	29"	Good
47	Quercus borealis	Red Oak	37"	Moderate - 1/2 canopy gone, basal	192	Liriodendron tulipifera	Tulip Poplar	27"	Good	346	Pinus strobus	White Pine	29"	Good	496	Pinus strobus	White Pine	26"	Good
rot	Quercus borealis	Red Oak	28"	Good	193	Quercus borealis	Red Oak	27"	Moderate - 20d lean	347	Pinus strobus	White Pine	24"	Good	497	Pinus strobus	White Pine	26"	Good
49	Liriodendron tulipifera	Tulip Poplar	31"	Good	194	Quercus borealis	Red Oak	39"	Moderate - 10d lean	348	Pinus strobus	White Pine	24"	Good	498	Picea abies	Norway Spruce	29"	Good
50	Liriodendron tulipifera	Tulip Poplar	28"	Good	195	Quercus borealis	Red Oak	39"	Moderate - 10d lean	349	Pinus strobus	White Pine	24"	Good	499	Liriodendron tulipifera	Tulip Poplar	39"	Good
top lean	Liriodendron tulipifera	Tulip Poplar	30"	Moderate - 1/2 canopy gone, 10d	196	Pinus strobus	White Pine	26"	Good	350	Quercus spp.	Oak spp.	28"	Moderate - significant damage, part dead	500	Pinus strobus	White Pine	28"	Good
51	Quercus borealis	Red Oak	28"	Good	197	Quercus borealis	Red Oak	39"	Moderate - basal rot, canopy damage	351	Quercus spp.	Oak spp.	28"	Good	501	Pinus strobus	White Pine	26"	Good
52	Liriodendron tulipifera	Tulip Poplar	30"	Moderate - crown loss	198	Pinus strobus	White Pine	27"	Good	352	Quercus spp.	Oak spp.	28"	Moderate - crown loss	502	Pinus strobus	White Pine	26"	Good
53	Quercus borealis	Red Oak	49"	Moderate - crown loss	199	Liriodendron tulipifera	Tulip Poplar (double)	27"/18"	Good	353	Quercus borealis	Red Oak	28"	Good	503	Pinus strobus	White Pine	26"	Good
54	Quercus alba	White Oak	20"	Poor - hollow trunk, crown loss	200	Liriodendron tulipifera	Tulip Poplar	44"	Good	354	Pinus strobus	White Pine	27"	Good	504	Liriodendron tulipifera	Tulip Poplar	29"	Good
55	Quercus alba	White Oak	22"	Poor - 10d lean	201	Liriodendron tulipifera	Tulip Poplar	38"	Good	355	Pinus strobus	White Pine	27"	Good	505	Liriodendron tulipifera	Tulip Poplar	31"	Good
56	Quercus spp.	Oak spp.	27"	Poor - almost dead - rotted trunk	202	Liriodendron tulipifera	Tulip Poplar	38"	Good	356	Pinus strobus	White Pine	27"	Good	506	Liriodendron tulipifera	Tulip Poplar	29"	Good
57	Quercus phellos	Willow Oak	39"	Good	203	Pinus strobus	White Pine	30"	Poor - heavily damaged	357	Pinus strobus	White Pine	27"	Good	507	Pinus strobus	White Pine	27"	Good
58	Quercus phellos	Willow Oak	51"	Moderate - thick English ivy well into canopy	204	Acer spp.	Maple spp.	30"	Good	358	Pinus strobus	White Pine	27"	Good	508	Liriodendron tulipifera	Tulip Poplar	24"	Good
59	Pinus strobus	White Pine	29"	Good	205	Liriodendron tulipifera	Tulip Poplar	27"	Good	359	Quercus borealis	Red Oak	35"	Good	509	Liriodendron tulipifera	Tulip Poplar	24"	Good
60	Pinus strobus	White Pine	26"	Good	206	Pinus strobus	White Pine	24"	Moderate - leaning	360	Pinus strobus	White Pine	27"	Good	510	Pinus strobus	White Pine	24"	Good
61	Liriodendron tulipifera	Tulip Poplar	30"	Good	207	Pinus strobus	White Pine	24"	Good	361	Pinus strobus	White Pine	27"	Good	511	Pinus strobus	White Pine	24"	Good
62	Pinus strobus	White Pine	30"	Good	208	Maple spp.	Maple spp.	27"	Good	362	Pinus strobus	White Pine	24"	Good	512	Pinus strobus	White Pine	24"	Good
63	Pinus strobus	White Pine	34"	Good	209	Liriodendron tulipifera	Tulip Poplar	28"	Good	363	Pinus strobus	White Pine	24"	Good	513	Pinus strobus	White Pine	29"	Good
64	Liriodendron tulipifera	Tulip Poplar	34"	Good	210	Liriodendron tulipifera	Tulip Poplar	28"	Good	364	Pinus strobus	White Pine	24"	Good	514	Quercus borealis	Red Oak	40"	Good
65	Pinus strobus	White Pine	34"	Good	211	Liriodendron tulipifera	Tulip Poplar	28"	Good	365	Pinus strobus	White Pine	24"	Good	515	Acer spp.	Maple spp. (triple)</		

TAG #	BOTANICAL NAME	COMMON NAME	D.B.H.	CONDITION	TAG #	BOTANICAL NAME	COMMON NAME	D.B.H.	CONDITION
601	Acer spp.	Maple spp.	26"	Good	791	Liriodendron tulipifera	Tulip Poplar	37"	Good
602	Liriodendron tulipifera	Tulip Poplar	26"	Good	792	Liriodendron tulipifera	Tulip Poplar	30"	Good
603	Platanus occidentalis	Sycamore	28"	Good	793	Quercus borealis	Red Oak	31"	Good
604	Quercus borealis	Red Oak	24"	Good	794	Liriodendron tulipifera	Tulip Poplar	30"	Good
605	Liriodendron tulipifera	Tulip Poplar (double)	20"/24"	Good	795	Liriodendron tulipifera	Tulip Poplar	33"	Good
606	Liriodendron tulipifera	Tulip Poplar	28"	Good	796	Liriodendron tulipifera	Tulip Poplar	30"	Good
607	Quercus borealis	Red Oak	34"	Good	797	Liriodendron tulipifera	Tulip Poplar	31"	Good
608	Liriodendron tulipifera	Tulip Poplar	24"	Good	798	Liriodendron tulipifera	Tulip Poplar	37"	Good
609	Liriodendron tulipifera	Tulip Poplar (double)	28"/26"	Good	799	Liriodendron tulipifera	Tulip Poplar	28"	Good
610	Liriodendron tulipifera	Tulip Poplar	28"/26"	Good	800	Liriodendron tulipifera	Tulip Poplar	32"	Good
611	Liriodendron tulipifera	Tulip Poplar	28"	Good					
612	Liriodendron tulipifera	Tulip Poplar (double)	30"/18"	Good					
613	Acer spp.	Maple spp.	35"	Good					
614	Liriodendron tulipifera	Tulip Poplar	32"	Good					
615	Quercus spp.	Oak spp.	27"	Good					
616	Quercus borealis	Red Oak	30"	Good					
617	Quercus borealis	Red Oak	36"	Good					
618	Platanus occidentalis	Sycamore	24"	Good					
619	Pinus strobus	White Pine (triple)	30"/18"/18"	Good					
620	Acer spp.	Maple spp. (triple)	24"/24"/12"	Good					
621	Liriodendron tulipifera	Tulip Poplar (double)	28"/26"	Good					
622	Platanus occidentalis	Sycamore	24"	Good					
623	Pinus strobus	White Pine	26"	Good					
624	Pinus strobus	White Pine	26"	Good					
625	Carya spp.	Hickory spp.	28"	Good					
626	Pinus strobus	White Pine	26"	Good					
627	Pinus strobus	White Pine	30"	Good					
628	Carya spp.	Hickory spp.	26"	Good					
629	Platanus occidentalis	Sycamore	24"	Good					
630	Platanus occidentalis	Sycamore	27"	Good					
631	Pinus strobus	White Pine	24"	Good					
632	Platanus occidentalis	Sycamore	38"	Good					
633	Pinus strobus	White Pine	32"	Good					
634	Pinus strobus	White Pine	26"	Good					
635	Pinus strobus	White Pine	42"	Good					
636	Platanus occidentalis	Sycamore	26"	Good					
637	Quercus borealis	Red Oak	36"	Good					
638	Platanus occidentalis	Sycamore	27"	Good					
639	Carya spp.	Hickory spp.	30"	Good					
640	Quercus alba	White Oak	44"	Moderate - crown damage (off prop.)					
641	Platanus occidentalis	Sycamore	37"	Moderate - crown damage					
642	Carya spp.	Hickory spp.	33"	Moderate - crown damage					
643	Acer spp.	Maple spp. (quad.)	30"/18"/18"/12"	Good					
644	Platanus occidentalis	Sycamore	30"	Moderate - crown damage					
645	Pinus strobus	White Pine	24"	Good					
646	Pinus strobus	White Pine	24"	Good					
647	Platanus occidentalis	Sycamore	28"	Good					
648	Pinus strobus	White Pine	32"	Good					
649	Pinus strobus	Maple spp. (triple)	30"/28"/12"	Good					
650	Platanus occidentalis	Sycamore	30"	Good					
651	Pinus strobus	White Pine	26"	Good					
652	Pinus strobus	White Pine	32"	Good					
653	Pinus strobus	White Pine	30"	Good					
654	Carya spp.	Hickory spp.	32"	Good					
655	Acer spp.	Maple spp. (triple)	30"/20"/18"	Good					
656	Pinus strobus	White Pine	30"	Good					
657	Platanus occidentalis	Sycamore	32"	Good (off property)					
658	Acer spp.	Maple spp. (quad.)	24"/18"/18"/18"	Good					
659	Fraxinus americana	White Ash (double)	26"/28"	Good					
660	Liriodendron tulipifera	Tulip Poplar	26"	Good					
661	Acer spp.	Maple spp. (quad.)	28"/26"/18"/18"	Good					
662	Pinus strobus	White Pine	32"	Good					
663	Acer spp.	Maple spp.	32"	Good					
664	Pinus strobus	White Pine	34"	Good					
665	Pinus strobus	White Pine	26"	Good					
666	Pinus strobus	White Pine	34"	Good					
667	Platanus occidentalis	Sycamore	50"	Good					
668	Platanus occidentalis	Sycamore	30"	Good					
669	Pinus strobus	White Pine	30"	Good					
670	Pinus strobus	White Pine	30"	Good					
671	Pinus strobus	White Pine	30"	Good					
672	Pinus strobus	Black Cherry	37"	Moderate - crown loss					
673	Pinus strobus	White Pine	34"	Good					
674	Pinus strobus	White Pine	30"	Good					
675	Pinus strobus	White Pine	36"	Good					
676	Pinus strobus	White Pine	40"	Good					
677	Quercus alba	White Oak	24"	Good					
678	Pinus strobus	White Pine	34"	Good					
679	Pinus strobus	White Pine	32"	Good					
680	Quercus borealis	Red Oak	28"	Good					
681	Acer spp.	Maple spp.	30"	Good					
682	Liriodendron tulipifera	Tulip Poplar	32"	Good					
683	Acer spp.	Maple spp.	32"	Good					
684	Platanus occidentalis	Sycamore (double)	20"/24"	Good					
685	Platanus occidentalis	Sycamore	28"	Good					
686	Quercus borealis	Red Oak	29"	Moderate - vine encrusted (off. prop.)					
687	Platanus occidentalis	Sycamore	32"	Good					
688	Liriodendron tulipifera	Tulip Poplar (double)	28"/20"	Good					
689	Liriodendron tulipifera	Tulip Poplar	28"	Good					
690	Fraxinus americana	White Ash	26"	Good					
691	Carya spp.	Hickory spp.	32"	Poor - hollow trunk, poor crown					
692	Pinus strobus	White Pine	27"	Good					
693	Pinus strobus	White Pine	27"	Good					
694	Platanus occidentalis	Sycamore	28"	Good					
695	Acer spp.	Maple spp.	42"	Good					
696	Platanus occidentalis	Sycamore	40"	Good					
697	Acer spp.	Maple spp.	40"	Moderate - lean, crown damage					
698	Quercus borealis	Red Oak	27"	Good					
699	Quercus borealis	Red Oak	24"	Good					
700	Acer spp.	Maple spp.	27"	Good					
701	Liriodendron tulipifera	Tulip Poplar	24"	Good					
702	Liriodendron tulipifera	Tulip Poplar	28"	Good					
703	Quercus alba	White Oak	29"	Good					
704	Liriodendron tulipifera	Tulip Poplar	32"	Good					
705	Liriodendron tulipifera	Tulip Poplar	35"	Good					
706	Liriodendron tulipifera	Tulip Poplar	25"	Moderate - hollow trunk					
707	Liriodendron tulipifera	Tulip Poplar	29"	Good					
708	Liriodendron tulipifera	Tulip Poplar	28"	Good					
709	Quercus borealis	Red Oak	29"	Good					
710	Quercus borealis	Red Oak	30"	Good					
711	Liriodendron tulipifera	Tulip Poplar	34"	Good					
712	Liriodendron tulipifera	Tulip Poplar	42"	Good					
713	Liriodendron tulipifera	Tulip Poplar	26"	Good					
714	Quercus alba	White Oak	30"	Good					
715	Liriodendron tulipifera	Tulip Poplar	38"	Good					
716	Liriodendron tulipifera	Tulip Poplar	34"	Good					
717	Liriodendron tulipifera	Tulip Poplar	37"	Good					
718	Fagus grandifolia	American Beech	28"	Good					
719	Liriodendron tulipifera	Tulip Poplar	47"	Good					
720	Quercus borealis	Red Oak	33"	Good					
721	Quercus borealis	Red Oak	31"	Good					
722	Quercus borealis	Red Oak	30"	Good					
723	Liriodendron tulipifera	Tulip Poplar	26"	Good					
724	Liriodendron tulipifera	Tulip Poplar	33"	Good					
725	Liriodendron tulipifera	Tulip Poplar	33"	Good					
726	Liriodendron tulipifera	Tulip Poplar	32"	Good					
727	Liriodendron tulipifera	Tulip Poplar	33"	Good					
728	Liriodendron tulipifera	Tulip Poplar	28"	Good					
729	Liriodendron tulipifera	Tulip Poplar	28"	Good					
730	Liriodendron tulipifera	Tulip Poplar	33"	Good					
731	Quercus borealis	Red Oak	27"	Good					
732	Liriodendron tulipifera	Tulip Poplar	30"	Good					
733	Liriodendron tulipifera	Tulip Poplar	34"	Good					
734	Liriodendron tulipifera	Tulip Poplar	30"	Good					
735	Fraxinus americana	White Ash	28"	Good					
736	Liriodendron tulipifera	Tulip Poplar	39"	Good					
737	Liriodendron tulipifera	Tulip Poplar	32"	Good					
738	Liriodendron tulipifera	Tulip Poplar (triple)	12"/20"/24"	Good					
739	Quercus borealis	Red Oak	35"	Good					
740	Liriodendron tulipifera	Tulip Poplar	31"	Good					
741	Liriodendron tulipifera	Tulip Poplar	31"	Good					
742	Liriodendron tulipifera	Tulip Poplar	31"	Good					
743	Liriodendron tulipifera	Tulip Poplar	29"	Good					
744	Liriodendron tulipifera	Tulip Poplar	29"	Good					
745	Liriodendron tulipifera	Tulip Poplar	24"	Good					
746	Liriodendron tulipifera	Tulip Poplar	40"	Good					
747	Quercus borealis	Red Oak	34"	Good					
748	Liriodendron tulipifera	Tulip Poplar	34"	Good					
749	Liriodendron tulipifera	Tulip Poplar	42"	Good					
750	Liriodendron tulipifera	Tulip Poplar	26"	Good					
751	Liriodendron tulipifera	Tulip Poplar	26"	Good					
752	Quercus alba	White Oak	30"	Good					
753	Liriodendron tulipifera	Tulip Poplar	38"	Good					
754	Liriodendron tulipifera	Tulip Poplar	30"	Good					
755	Liriodendron tulipifera	Tulip Poplar	34"	Good					
756	Fraxinus americana	White Ash	28"	Good					
757	Liriodendron tulipifera	Tulip Poplar	39"	Good					
758	Liriodendron tulipifera	Tulip Poplar	32"	Good					
759	Liriodendron tulipifera	Tulip Poplar (triple)	12"/20"/24"	Good					
760	Quercus borealis	Red Oak	35"	Good					
761	Liriodendron tulipifera	Tulip Poplar	31"	Good					
762	Liriodendron tulipifera	Tulip Poplar	31"	Good					
763	Liriodendron tulipifera	Tulip Poplar	36"	Good					
764	Liriodendron tulipifera	Tulip Poplar	29"	Good					
765	Liriodendron tulipifera	Tulip Poplar	24"	Good					
766	Liriodendron tulipifera	Tulip Poplar	40"	Good					
767	Liriodendron tulipifera	Tulip Poplar	34"	Good					
768	Fraxinus americana	White Ash	25"	Good					
769	Liriodendron tulipifera	Tulip Poplar	26"	Good					
770	Liriodendron tulipifera	Tulip Poplar	38"	Good					
771	Liriodendron tulipifera	Tulip Poplar	34"	Good					
772	Liriodendron tulipifera	Tulip Poplar	37"	Good					
773	Fagus grandifolia	American Beech	28"	Good					
774	Liriodendron tulipifera	Tulip Poplar	47"	Good					
775	Liriodendron tulipifera	Tulip Poplar	33"	Good					
776	Quercus borealis	Red Oak	31"	Good					
777	Quercus borealis	Red Oak	30"	Good					
778	Liriodendron tulipifera	Tulip Poplar	26"	Good					
779	Liriodendron tulipifera	Tulip Poplar	33"	Good					
780	Liriodendron tulipifera	Tulip Poplar	32"	Good					
781	Liriodendron tulipifera	Tulip Poplar	33"	Good					
782	Liriodendron tulipifera	Tulip Poplar	28"	Good					
783	Liriodendron tulipifera	Tulip Poplar	28"	Good					