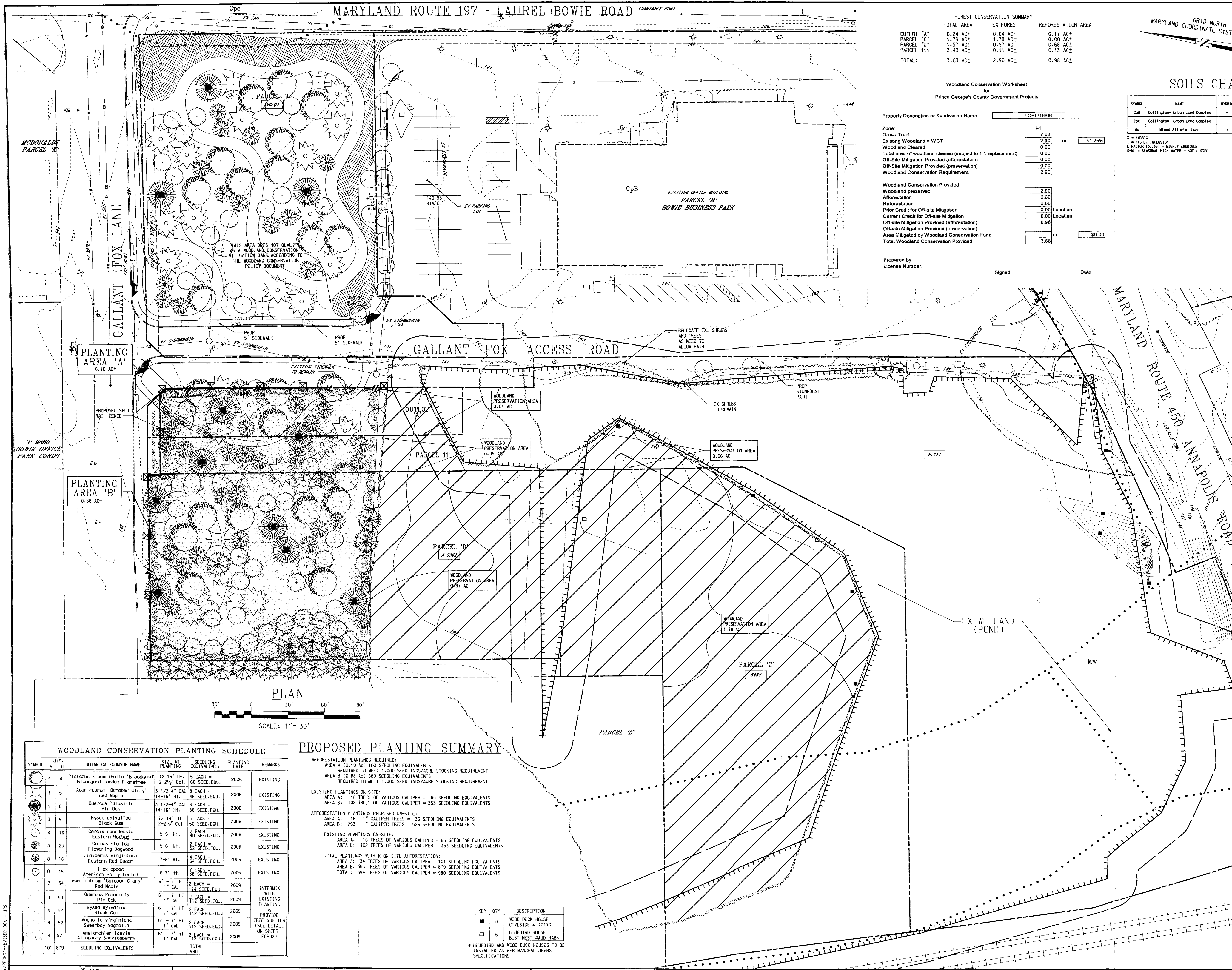




FOREST CONSERVATION SUMMARY			
	TOTAL AREA	EX FOREST	REFORESTATION AREA
OUTLOT "A"	0.24 AC±	0.04 AC±	0.17 AC±
PARCEL "C"	1.79 AC±	1.78 AC±	0.00 AC±
PARCEL "D"	1.57 AC±	0.91 AC±	0.66 AC±
PARCEL "E"	3.43 AC±	0.11 AC±	0.13 AC±
TOTAL:	7.03 AC±	2.90 AC±	0.96 AC±

Woodland Conservation Worksheet
for
Prince George's County Government Projects

Property Description or Subdivision Name:	TCPH/16/06
Zone:	I-1
Gross Tract:	7.03
Existing Woodland = WCT	2.90
Woodland Cleared	0.00
Total area of woodland cleared (subject to 1:1 replacement)	0.00
Off-site Mitigation Provided (afforestation)	0.00
Off-site Mitigation Provided (preservation)	0.00
Woodland Conservation Requirement:	2.90
Woodland Conservation Provided:	2.90
Afforestation:	0.00
Reforestation:	0.00
Prior Credit for Off-site Mitigation	0.00
Current Credit for Off-site Mitigation	0.00
Off-site Mitigation Provided (afforestation)	0.00
Off-site Mitigation Provided (preservation)	0.00
Area Mitigated by Woodland Conservation Fund	0.00
Total Woodland Conservation Provided	2.90

Prepared by:
License Number:

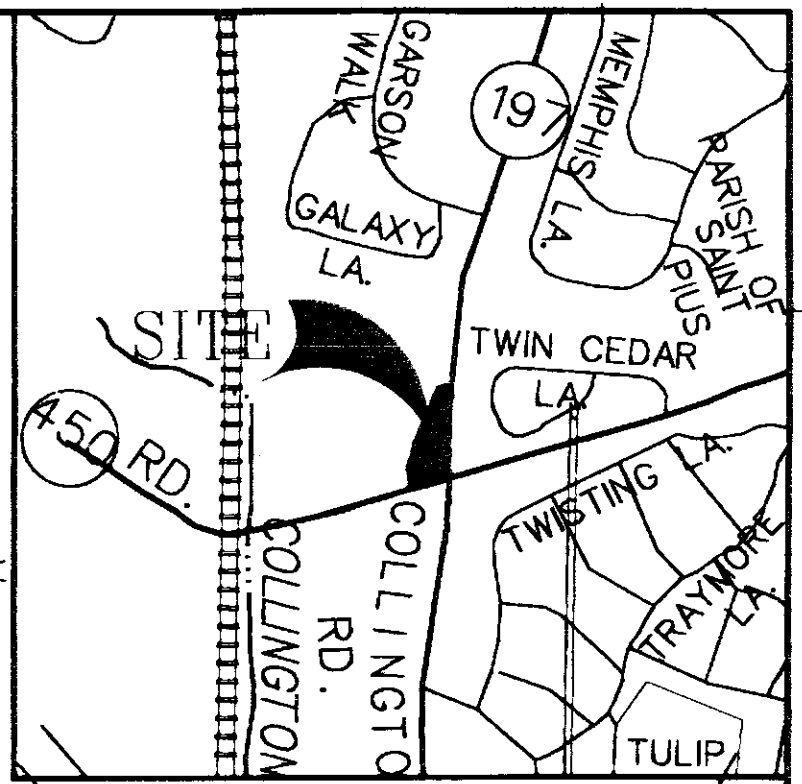
Signed: _____ Date: _____

GRID NORTH
MARYLAND COORDINATE SYSTEM (NAD83/91)

SOILS CHART

SYMBOL	NAME	HYDROLIC	DEPTH TO WATER TABLE	WATER TABLE
CpB	Collington Urban Land Complex	-	35'	-
CpC	Collington Urban Land Complex	-	35'	-
Mw	Mixed Alluvial Land	+	5'-10'	-

Z = HYDROLIC
+ = HYDROLIC INCLUSION
* FACTOR (X0.5) = HIGHLY ERODIBLE
* = SEASONAL HIGH WATER - NOT LISTED



VICINITY MAP

DEVELOPMENT SUMMARY

PREMISES ADDRESS: 14371 GALLANT FOX LANE & BOWIE, MARYLAND 20715

TAX MAP: 46

PARCEL: ACREAGE: PLAT: DEED REF:
OUTLOT A: 0.24 AC: A14-94081: 8991/171
PARCEL C: 1.79 AC: A14-94084:
PARCEL D: 1.57 AC: A14-9362:
PARCEL E: 3.43 AC: NONE

SEE ALSO PLATS: REP 198/81, NLP 100/58, NLP 143/93, AND WWW 78/59

ACREAGE: 7.03 ACRES

EXISTING ZONING: I-1 LIGHT INDUSTRIAL

EXISTING USE: LOW IMPACT URBAN RETROFIT DEMONSTRATION

PROPOSED USE: OFF-SITE WOODLAND MITIGATION

NOTES:

- TOPOGRAPHIC AND BOUNDARY INFORMATION TAKEN FROM CONSTRUCTION DRAWINGS BY MARYLAND STATE HIGHWAY ADMINISTRATION (CONTRACT NO. 104751711). SELECTED AREAS VERIFIED BY SPOT ELEVATIONS (FWA 6/05) AND BY FIELD RUN SURVEY (FWA 8/08).
- WETLANDS DELINEATED BY MARYLAND SHA AND REVISED 12/04 BY FREDERICK WARD ASSOCIATES, INC.
- EXISTING UTILITIES AND OTHER PHYSICAL FEATURES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT GUARANTEED COMPLETE OR ACCURATE. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION.
- ALL TREE CONSERVATION/PROTECTION MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS AND CONSTRUCTION SCHEDULE AS SHOWN ON APPROVED FOREST CONSERVATION PLAN.
- A SITE VISIT WAS CONDUCTED BY A M-NCPIC REPRESENTATIVE ON 10/30/08 AND FOUND THAT 21 TREES WERE DEAD OR MISSING. ALL OF THESE TREES NEED TO BE REPLACED BY A LICENSED LANDSCAPE CONTRACTOR AS PER THIS PLAN. AFTER THESE TREES HAVE BEEN PLANTED, A CERTIFICATION NEEDS TO BE SENT TO THE M-NCPIC REPRESENTATIVE'S OFFICE.

M-NCPIC Prince George's County Planning Department Natural Resources Division	
APPROVAL TREE CONSERVATION PLAN TCPH / 16 / 06	
Approved by:	Date:
<i>[Signature]</i>	11/07/08
01	
02	
03	
04	
05	

LEGEND

- BOUNDARY LINE
- EX CONTOURS
- EX EDGE OF PAVEMENT
- EX WATER LINE
- EX SEWER
- SS
- SD
- EX STORM DRAIN LINE
- EX TREE LINE
- EX STRUCTURE
- NONTIDAL WETLANDS
- 25' WETLAND BUFFER
- SOIL BOUNDARY
- EX TREES
- WOOD DUCK HOUSE
- BLUEBIRD HOUSE
- TREE PROTECTION FENCING
- REFORESTATION SIGN
- PROPOSED SPLIT-RAIL FENCE
- REFORESTATION AREA
- WOODLAND PRESERVATION AREA

WOODLAND CONSERVATION PLANTING SCHEDULE					
SYMBOL	QTY.	BOTANICAL/COMMON NAME	SIZE AT PLANTING	SEEDLING EQUIVALENTS	PLANTING DATE
1	4	Platanus x acerifolia 'Bloodgood'	12-14" Ht.	5 EACH = 60 SEEDLING EQUIV.	2006
2	1	Acer rubrum 'October Glory'	2-2 1/2" Cal.	8 EACH = 48 SEEDLING EQUIV.	2006
3	1	Quercus palustris	3 1/2-4" Cal.	8 EACH = 36 SEEDLING EQUIV.	2006
4	1	Pinus strobus	14-16" Ht.	1 EACH = 60 SEEDLING EQUIV.	2006
5	3	Nyssa sylvatica	12-14" Ht.	5 EACH = 60 SEEDLING EQUIV.	2006
6	1	Cornus florida	2-2 1/2" Cal.	8 EACH = 48 SEEDLING EQUIV.	2006
7	1	Juniperus virginiana	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
8	1	Thuja occidentalis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
9	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
10	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
11	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
12	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
13	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
14	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
15	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
16	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
17	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
18	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
19	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
20	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
21	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
22	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
23	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
24	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
25	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
26	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
27	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
28	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
29	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
30	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
31	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
32	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
33	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
34	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
35	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
36	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
37	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
38	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
39	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
40	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
41	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
42	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
43	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
44	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
45	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
46	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
47	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
48	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
49	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
50	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
51	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
52	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
53	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
54	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
55	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
56	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
57	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
58	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
59	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
60	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
61	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
62	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
63	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
64	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
65	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
66	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
67	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
68	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
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72	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
73	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
74	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
75	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
76	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
77	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
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80	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
81	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
82	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
83	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
84	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
85	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
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87	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
88	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
89	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
90	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
91	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
92	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
93	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
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96	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
97	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
98	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
99	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006
100	1	Amelanchier canadensis	5-6" Ht.	2 EACH = 40 SEEDLING EQUIV.	2006

PROPOSED PLANTING SUMMARY

AFFORESTATION PLANTINGS REQUIRED:
AREA A (0.10 AC) 100 SEEDLING EQUIVALENTS
REQUIRED TO MEET 1,000 SEEDLINGS/ACRE STOCKING REQUIREMENT
AREA B (0.88 AC) 880 SEEDLING EQUIVALENTS
REQUIRED TO MEET 1,000 SEEDLINGS/ACRE STOCKING REQUIREMENT

EXISTING PLANTINGS ON-SITE:
AREA A: 18 TREES OF VARIOUS CALIPER = 65 SEEDLING EQUIVALENTS
AREA B: 102 TREES OF VARIOUS CALIPER = 353 SEEDLING EQUIVALENTS

AFFORESTATION PLANTINGS PROPOSED ON-SITE:
AREA A: 18 1" CALIPER TREES = 36 SEEDLING EQUIVALENTS
AREA B: 283 1" CALIPER TREES = 566 SEEDLING EQUIVALENTS

EXISTING PLANTINGS ON-SITE:
AREA A: 16 TREES OF VARIOUS CALIPER = 65 SEEDLING EQUIVALENTS
AREA B: 102 TREES OF VARIOUS CALIPER = 353 SEEDLING EQUIVALENTS

TOTAL PLANTINGS WITHIN ON-SITE AFFORESTATION:
AREA A: 34 TREES OF VARIOUS CALIPER = 101 SEEDLING EQUIVALENTS
AREA B: 385 TREES OF VARIOUS CALIPER = 879 SEEDLING EQUIVALENTS
TOTAL: 399 TREES OF VARIOUS CALIPER = 980 SEEDLING EQUIVALENTS

KEY	QTY	DESCRIPTION
■	8	WOOD DUCK HOUSE
■	6	BLUEBIRD HOUSE
■	6	BEST NEST (AUG-NOV)

* BLUEBIRD AND WOOD DUCK HOUSES TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

REV	DATE	DESCRIPTION
1	2/10/06	REVISED PER M-NCPIC COMMENTS
2	4/21/08	REVISED PER M-NCPIC COMMENTS
3	6/18/08	REVISED PER M-NCPIC COMMENTS
4	9/17/08	REVISED PER M-NCPIC COMMENTS
5	10/31/08	REVISED PER M-NCPIC COMMENTS

OWNER/DEVELOPER:
CITY OF BOWIE
2614 KENHILL DRIVE
BOWIE, MD 20715-2534

FWA
FREDERICK WARD ASSOCIATES
ARCHITECTS ENGINEERS PLANNERS SURVEYORS

P.O. Box 727, 5 South Main Street
Baltimore, Maryland 21014-0727
410-879-2080
410-893-1243 fax
www.frederickward.com

CITY OF BOWIE
TREE CONSERVATION PLAN
GALLANT FOX
TCPH/16/06

ENGINEER'S SEAL
DATE: 02/10/09
SCALE: 1" = 30'
DESIGNED BY: ACS
DRAWN BY: JHS/JRW
SHEET 1 OF 2
F001-808-00/201286-00