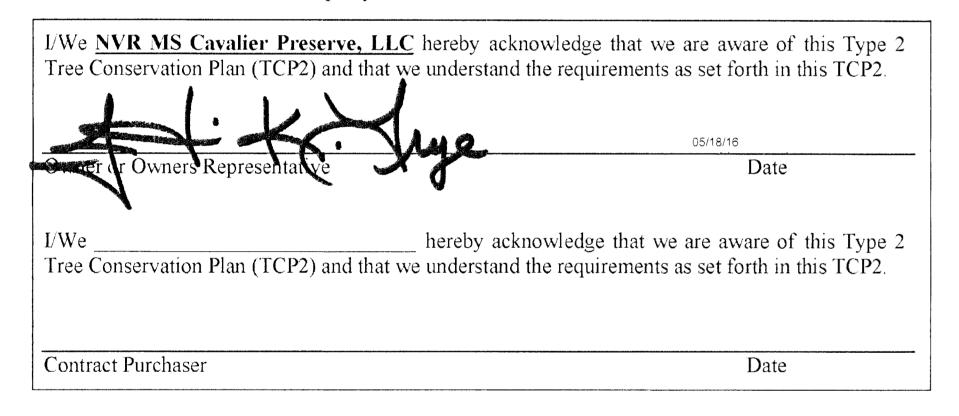
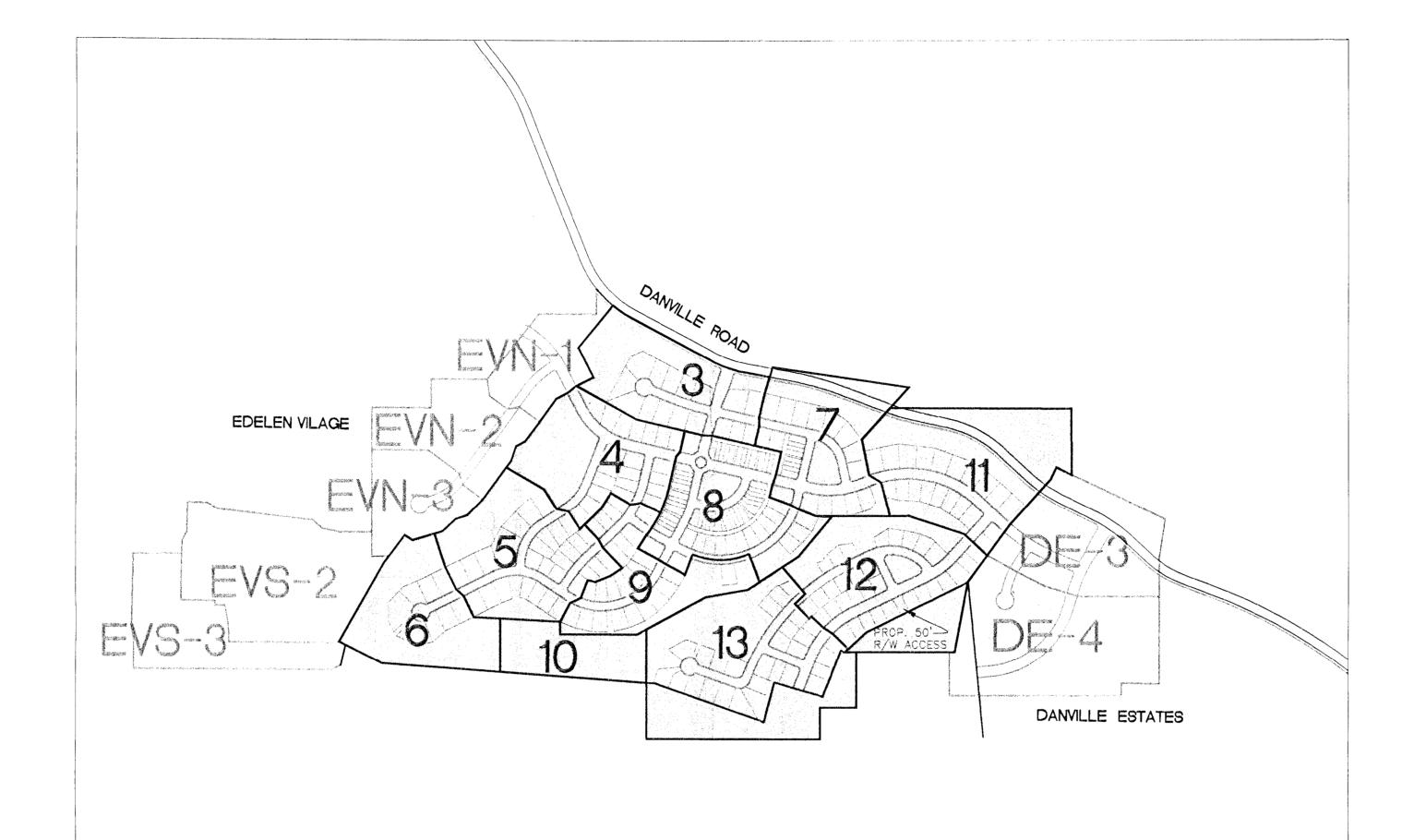
LEGEND	
EXISTING WETLANDS	*
EXISTING WOODS	
LIMIT OF DISTURBANCE	
SPECIMEN TREE	
EXISTING 2 FOOT CONTOUR	2
EXISTING 10 FOOT CONTOUR	10
PROPOSED CONTOUR	10
PROPOSED CONTOUR BELOW W.S	S.EL. 51.5 —————————————————————————————————
PROPOSED SEWER	8" SEWER
PROPOSED WATER MAIN	8" WATER
PROPOSED STORM DRAIN	18" RCP
PROPOSED TREE PRESERVATION	
EXISTING FOREST T.B.R.	
PROPOSED REFORESTATION	
TREE PROTECTION SIGNAGE	
TREE PROTECTION FENCE	
STEEP SLOPES (15-25%)	
STEEP SLOPES (25% & GREATER)	

SPECIMEN TREE LIST

 There are no specimen trees located in Lusby Village West or Lusby Village East.

Property Owners Awareness Certificate





SCALE: 1"=500'

SHEET LAYOUT



TYPE II TREE CONSERVATION PLAN

THE PRESERVE AT PISCATAWAY

LUSBY VILLAGE WEST & LUSBY VILLAGE EAST

Fifth (5th) Election District
Prince George's County, Maryland

April 5, 2004

Revised September 30, 2004
Revised May 10, 2007
Revised August 12, 2014
Revised October 27, 2014
Revised December 16, 2014
Revised December 19, 2014
Revised March 19, 2015
Revised August 18, 2015
Revised May 18, 2016

PREPARED FOR:

BAILEY'S ASSOCIATES, L.P.

C/O GREENVEST L.C.

8614 WESTWOOD CENTER DRIVE

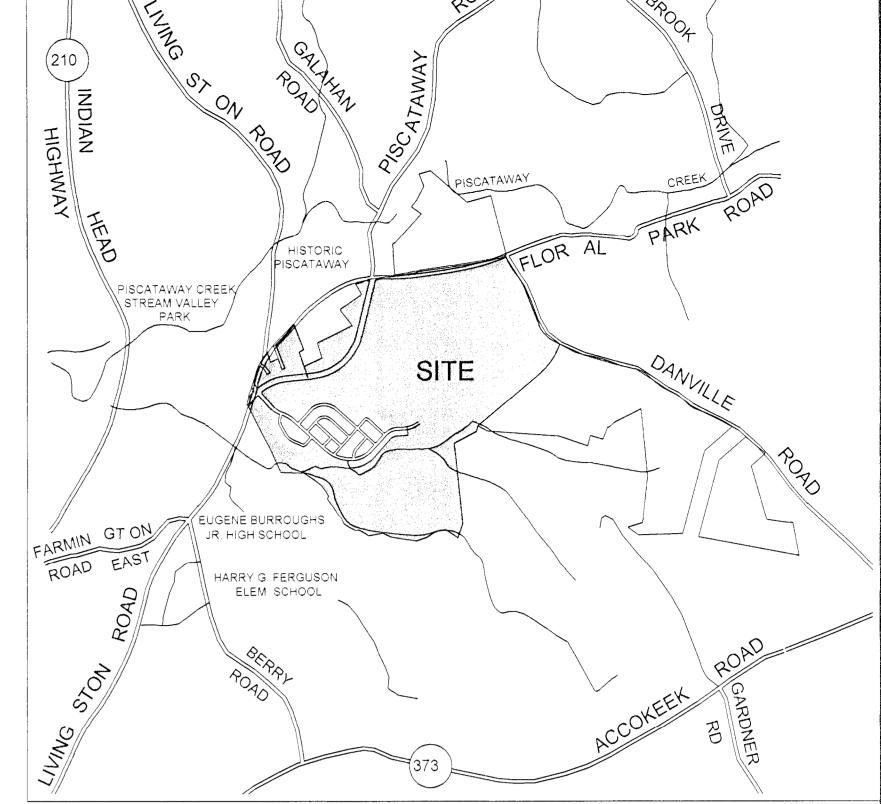
SUITE 900

VIENNA, VIRGINIA 22182

GLW GUTSCHICK, LITTLE, & WEBER P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3909 National Drive, Suite 250, Burtonsville, Maryland 20866



VICINITY MAP

SCALE: 1" = 2000'

ADC 27TH EDITION
PRINCE GEORGE'S COUNTY
MAP NO. 30
GRIDS: J & K 12

GENERAL NOTES

Existing Zoning: R-L
 This plan has been prepared in accordance with:
 Villages at Piscataway Basic Plan
 Villages at Piscataway Comprehensive Design Plan
 Comprehensive Design Plan Resolution
 Preliminary Plan
 Preliminary Plan Resolution
 PGCPB 94-98
 Preliminary Plan Resolution
 PGCPB 03-122
 TCP 1/09/94
 Conceptual Stormwater Management Plan
 Other plan references:

3. Other plan references:

Specific Design Plan for Glassford Village

Specific Design Plan for Twin Entry Ponds

Specific Design Plan for Piscataway Road & Bailey's Pond

SDP - 9806-01

4. The site is located on Tax Map 143, Grid B-3.

5. Site area
Lusby Village West
Lusby Village East
Open Space/HOA

Maximum Building Height

Building Coverage

Total Area Total Area TOTAL
Lusby Village West 133 51 184

Lusby Village East Total Dwelling Units 7. Requirements of the Zone Lot Size Lot Size Lot Size Lot Size Over 22,000 SF 8,800 SF to 22,000SF 6,000 SF to 8,800SF 1,500 SF Net Lot Area Lusby Village West (Lots) Lusby Village East (Lots) At Street Line At Building Line

(Maximum Permitted) - 50

Lot Depth (Minimum) - 100'

8. Minimum Yard Requirements (Established By CDP 9306)

SFD over SFD below TH
20,00 SF 20,000SF 1,500 SF

Front 25' 15' 15' 15' Rear 35' 25' 20' Side (One/Both) 8'/17' 0'/8' - Corner (One/Both) 8'/17' 0'/8' - O'/8' - O'/8'

Lusby Village West 7 46 54
Lusby Village East 15 18 29 31 51
10. Parking: SFD @ 2 space/unit* SFD @ 2.04 space/unit**

Required Proposed
Lusby Village West 246 246 51 102

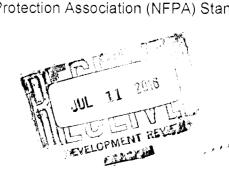
Not including on-street parking.** 0.04 required spaces (total 5 spaces) provided on street.

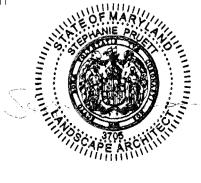
10. Homeowners open space:

Lusby Village East

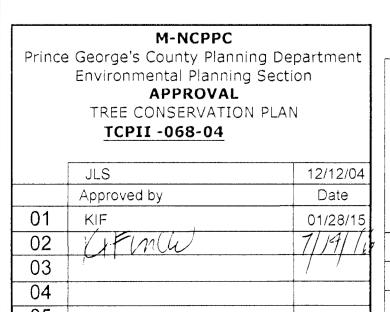
Lusby Village West
Lusby Village East
Acres

11. All structures shall be fully equipped with and automatic fire suppression system in accordance with National Fire Protection Association (NFPA) Standard 13 and 13D.





36'



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OFFICIAL USE ONLY
QR label certifies that this plan
meets conditions of final approval
by the Planning Board, it's designce
or the District Council.
M-NCPPC
APPROVAL

M-NCPPC
APPROVAL

PROJECT NAME: THE PRESERVE AT PISCATAWAY - LUSBY VILLAGE

PROJECT NUMBER: SDP-0401-04

For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet

Revision numbers must be included in the Project Number

Systems
Analysis, Inc.

48 Maryland Avenue
Annapolis Maryland 21401
410.267.0495
www.esatoday.com

PREPARED BY:

1 Environmental

Notes to include with all Plans:

1. Cutting or clearing of woodland not in conformance with this Plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$1.50 per square foot mitigation fee.

2. The Department of Environmental Resources (DER) must be contacted prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this Plan.

3. Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Areas (Tree Save Areas, Reforestation Areas, Afforestation Areas, or Selective Clearing Areas) located on their lot or parcel of land and the associated fines for unauthorized disturbances to these areas. Upon the sale of the property the owner / developer or owners representative shall notify the purchaser of the property of any Woodland Conservation Areas. 4. All appropriate bonds will be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required activities have been satisfied.

Notes to include on Plans when appropriate:

5. The location of all Tree Protective Devices (TPD's) shown on this Plan shall be flagged or staked in the field prior to the pre-construction meeting with the Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD locations by the Inspector, installation of the TPD's may begin. TPD installation shall be completed prior to installation of

initial Sediment Controls. No cutting or clearing of trees may begin before final approval of TPD installation. 7. Since work on this project will be initiated in several phases all TPD's required for a given phase shall be installed prior to any disturbance within that phase of work.

8. Woodland Conservation - Tree Save Areas and/or Reforestation Areas shall be posted as shown at the same time as Tree Protective Device installation and/or start of reforestation activities. These signs shall remain in place for a period of two (2)

9. Woodlands preserved, planted or regenerated in fulfillment of woodland conservation requirements on-site have been placed in a woodland and wildlife habitat conservation easement recorded in the Prince George's Count Land Records at liber_____, folio _____. Revisions to this TCP2 may require a revision to the recorded easement.

General Type II T.C.P. Notes

NARRATIVE

This Type II Tree Conservation Plan has been prepared for the 119.45 acre Lusby Village East & West Property which is part of the Preserve at Piscataway development located in Prince George's County, Maryland. The plan identifies 81.93 acres of existing forest to be cleared for the placement of infrastructure and proposed single family residential housing. The remaining forested areas (21.40 acres) will be preserved. 0.76 acres of reforestation has been provided. The goals of forest preservation at the Preserve at Piscataway property include:

-provide a biofiltering buffer for the existing wetlands

-provide a visual screen for the adjacent residential communities

-preserve wildlife habitat -protect steep slopes

GENERAL NOTES

1. This reforestation plan is provided in accordance with the requirements of the Prince George's County Woodland Conservation and Tree Preservation Acts (CB-106-1992 and CB-107-1992).

2. These Type II plans are to be used for Tree Conservation purposes only. 3. No tree cutting or clearing shall take place on this site without the expressed written consent of the Prince George's County

Planning Board, its designee, or the approval of this Type II Tree Conservation Plan (TCP). 4. The Prince George's County Department of Environmental Resources (DER) is in charge of enforcement of the Tree

Conservation Plan. Any violation of the approved Type II TCP may result in the issuance of a stop work order and/or a mitigation fee of \$1.50 per square foot of woodland area destroyed unless otherwise agreed to by both DER and the Maryland-National Capital Park & Planning Commission (M-NCPPC). TREE PROTECTION

1. Following approval of the Type II TCP and prior to construction, the Limits of Disturbance (LOD) will be marked in the field. 2. The Owner's representative will hold a pre-construction meeting before any grading or clearing activities. This meeting will include the construction manager, the chief equipment manager and operator, a representative of the Department of Environmental Resources Permits and Review Division/Inspection & Code Compliance Section (301-731-8790), and any other personnel involved in construction activities within 100 feet of the Limits of Disturbance (LOD). During this meeting, the LOD will be inspected and the location of all tree protection devices will finalized. Adjustments to the LOD may be made at this time. In

addition, the following items will be covered by the owner's representative: -the importance and overall goal of the Tree Conservation Program

-the critical role of construction personnel in the success of the Tree Conservation Program

-the reasons for tree protection devices

-construction methods to ensure the protection of Woodland Conservation Areas 3. Tree Protection Devices for this site will consist of orange safety fence with temporary tree protection signs. These devices will be installed along the LOD boundary prior to any disturbance or clearing activity. Typical details and installation methods for these devices appear on this sheet. Tree protection signs shall be freestanding and not attached in any fashion to existing

trees. The installation of tree protection signs and tree protection devices is the responsibility of the general contractor. 4. No equipment, vehicles, machinery, waste, or construction materials shall be stored or dumped within the Woodland Preservation Areas. Moreover, no disturbance to these areas shall be allowed. In the event of a violation of this approved Type

II TCP, fines may be levied and/or enforcement action taken by the Prince George's County Department of Environmental Resources as specified above. 5. The general contractor shall provide a "WASH-OUT" area for concrete trucks on site. This area shall be selected so that no run-off from this area may enter the Woodland Conservation Areas. The location of this "WASH-OUT" area shall be identified

by the contractor during the pre-construction meeting 6. The owner's representative shall monitor the general contractor's construction from time to time to ensure the proper protection of the Woodland Conservation Areas and adherence to these plans and specifications. The owner may issue a "Stop Work Order" if, in the opinion of his representative, the general contractor is exercising procedures that are detrimental to the vitality of the trees within the Woodland Conservation Areas. At that time, the County Inspector shall determine if any trees have been damaged beyond repair. If the contractor has damaged trees beyond repair, then the general contractor shall be

responsible for all forest mitigation required by the Prince George's County Department of Environmental Resources. 7. All trees to be removed within 50 feet of designated Woodland Conservation Areas shall be felled away from Woodland Conservation Areas to avoid any damage to preserved trees. The stumps of trees removed within this 50 foot zone shall be ground out with a stump grinder or other method in order to minimize damage to root systems of trees to be preserved. This

work shall be completed by a Maryland Licensed Tree Expert. 8. Unless otherwise approved by Prince George's County, Tree Protection Devices shall be maintained in place until construction completion and final inspection by the Department of Environmental Resources Permits & Review Division. 9. If damage to woodland preservation areas is found during final inspection, the owner may be required to perform the

following: -stress reduction measures (e.g., root pruning)

-tree or limb removal

-replacement planting

SPECIMEN TREES

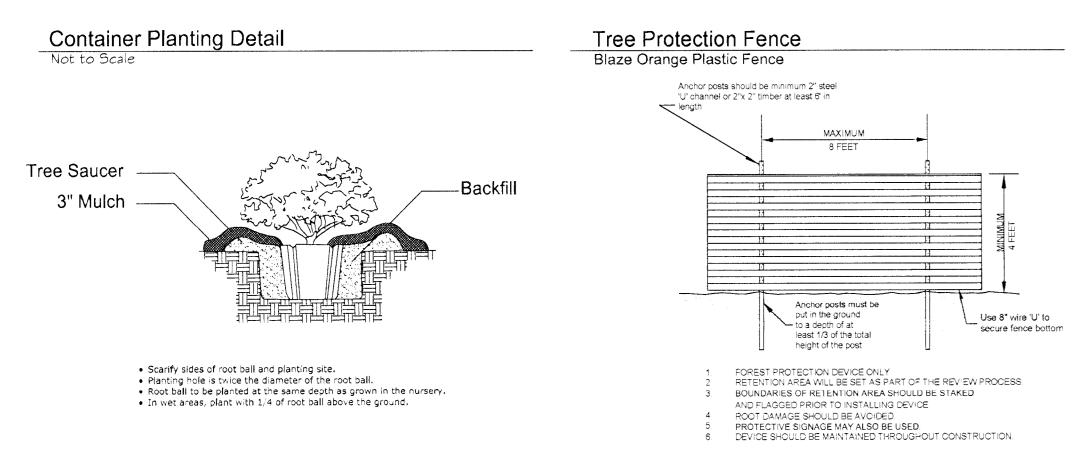
There are no specimen trees located in Lusby Village West or Lusby Village East. REFORESTATION

A total of 49.25 acres of Woodland Conservation is required under this Type II Tree Conservation Plan for the clearing of existing forest at Lusby Village East and West. Woodland Conservation will be provided by conserving 20.57 acres on-site. The remaining 28.68-acres of required conservation has been satisfied on TCPII-044-07 open space. LONG TERM MANAGEMENT PLAN FOR WOODLAND PRESERVATION AREAS

man. Activities within these areas shall be limited to passive recreation. 2. Any disturbance to these areas following construction must first be approved by Prince George's County Planning Director.

Cutting or clearing of these areas without approval shall be subject to a \$1.50 per square foot mitigation fee. 3. Upon the sale of each lot, the owner/developer or the owner's representative shall be responsible for notifying the purchaser of any Woodland Conservation Areas and the associated fines for unauthorized disturbances to these areas.

1. The objective of woodland preservation is to allow the forest community to develop naturally with little or no interference by



Woodland Conservation Worksheet

Individual TCP2 with Previously Approved TCP1 or TCP2 Woodland Conservation Worksheet for Prince George's County

Zone:	R-L			CONTRACTOR OF THE PROPERTY OF	**************************************	*********
Gross Tract:	114.82					
Floodplain:	3.43					
Previously Dedicated Land:	0.00					
Net Tract (NTA):	111.39	0.00	0.00			
Property Description or Subdivision Name:	Lusby Village	(Preserve a	t Piscatawa	y)		
Current TCP Number:	2-048-04	Rev#	2			
Previous TCP Number.	1-009-94	Rev#	2			
SECTION II - Determining Woodland Cons	ervation Requ	irements	(Enter acres	in correspon	iding colum	ın)
Woodland Conservation Calculations:		The second secon	Net tract		Floodolain	Off-
Acreage of Existing Woodland			110.15		3.43	
Woodland Conservation Required for per TCP	or TCP2	18.47%	20.57]
Area of Woodland Cleared per previous TCP1	or TCP2		35.96		0.41	
Area of Woodland Cleared per current TCP2			85.96		0.41	
Area of Woodland above WCT not cleared by	TCP1 or TCP2		0.00			
Additional Woodland Cleared by current TCP2	0.00				0.00	1
Does the TCPI show 2:1 replacement?	N					•
Clearing above WCT (1/4:1 Replacement)	0.00	Additional	Replacemen	t required =	0.00	1
Clearing below WCT (2:1 Replacement)	0.00	Additional	Replacemen	t required =	0.00	1
Off-site Woodland Conservation Provided			2.29			•
Total Woodland Conservation Required :		~	22.86		-	
SECTION III-Meeting the	Requirement	Enter acres	s in correspo	onding colum	n)	
Woodland Conservation Provided:			(acres)			
Woodland Preservation			20.57			
Reforestation / Afforestation			0.00 E	Bond amount:		\$4
Natural Regeneration			0.00			
Landscape Credits			0.00			
Area approved for fee-in-lieu				ee amount:		S
Credits Received for Off-site Woodland Conse		er property	2.29			
Off-site WC (aff/reforestation) provided on this	property		0.00			
Off-site WC (preservation) provided on this pro	perty		0.00			
Total Woodland Conservation Provided			22.86			
Area of net tract woodland not cleared	24.19	acres				
Woodland retained not part of requirements:	3.62	acres				
Prepared by:			Date:			

Tree Preservation Areas

Label	Acreage (±)	Label	Acreage (±)
А	2.15	G	1.82
В	1.66	Н	0.37
С	3.35	1	1.06
D	0.29	J	3.96
Ε	0.37	K	2.44
F	0.97	L	2.13

20.57 acres (±)

Cumulative Woodland Conservation Worksheet

	Woodland Conserva	onservation Worksheet for Prince George's County, Mary					
Zone:	R-L	L-A-C	Totas				
Gross Tract:	858.74	19.98	878.72	Include acreages only in columns			
Froodplain:	85.87	0.00	85.67	for which there is a corresponding zone			
Previously Dedicated Land:	0.00	0.00	0.00	7			
Net Tract (NTA):	773.07	19.98	793.05				

Property Description or Subdivision Name The Preserve at Piscataway -- Overall Worksheet

269.01 Break-even Point (preservation acres) = Acres of Net Tract clearing permitted w/o reforestion= 291.88 Woodland Conservation Requirement Calculations Existing Woodland on Net Tract (acres) Existing Woodland in Floodplain (acres) 24.72% Woodland Conservation Threshold (NTA) = 196.04 196.04 Smaller of a or c 364.85 Woodland above WCT (d)

Wood and Conservation Provided:

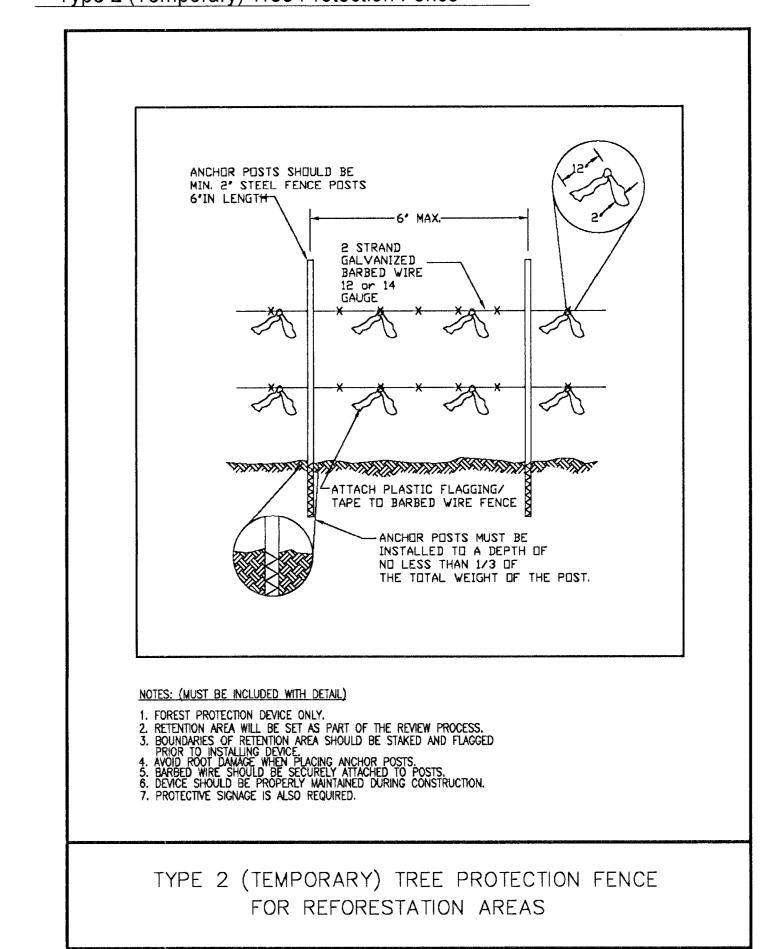
Surplus Preservation for Woodland Bank.

urplus Natural Regeneration for Woodland Bank

		L	1							
		Glassford	Twin Entry	Pisc. Rd	Edelen	Danville	Lusby	Bailey	Open Space	
Plan Number: (This must be completed for each phase)		11-098-98 -	11-099-98	II-001-05	I -046-04	11-048-04	11-068-04	I-001-05	1-044-07	
TCP Revision Number		3	1	1	4	2	2	1	1	
TCP Approval Date:		2/20/2014	2/6/2014	6/15/2005	10/1/2014	3/17/2015	1/28/2015	9/21/2012	7/30/2014	
Plan Phase or Name:		SDP-9801	SDP-9805	SDP-9806	SDP-0318	SDP-0320	SDP-0401	SDP-0319	SDP-0608	Total
SDP Revision Number:		5	2	1	8	3	3	4	1	
SDP Approval Date:		3/18/2014	3/18/2014	3/4/2004	10/31/2014	4/5/2016	1 12 2 2 2 2 2	5/31/2012	7/19/2013	
SDP Approval Status:		Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	n n, wayengen i i, i
SDP Certification Date:		3/19/2014	3/20/2014	2/28/2005	10/31/2014		1 3 2 2 2 2	9/25/2012	8/6/2014	
SDP Cert fication Status:		Cert.fled	Certified	Cert fied	Certified	Pending	Fending	Certified	Certified	
Total Area in the application (acres)		79.66	11,14	29.98	169.92	145.32	114.82	23.01	304.90	878.72
Floodplain area in this application (acres)		0.03	0.00	0.00	62.25	3.33	3.43	0.25	16.38	85.67
Net Tract area in the application (acres)		79.63	11,11	29.98	107.67	141.99	111.39	22.76	288.52	793.05
Woodland on the Net Tract for this phase (acres)		17.86	0.96	9.32	76.45	141.26	110.15	0.35	204.54	560.89
Woodland in the Floodolain for this phase		0.03	0.00	0.00	51.46	3.33	3.43	0.25	16.22	74.72
Woodland Cleared on Net Tract for this phase		10.27	0.77	1.11	46.58	59.93	85.96	0.30	24.58	229.50
Woodland Cleared in Floodplain for this phase		0.00	0.00	0.00	0 11	0.17	0.41	0.25	1 79	2.73
Off-site Woodland Clearing (1:1)		0.08	0.00	0.00	3 51	0.52	0.00	0.00	0.00	4.11
Off-site Woodland Preservation/Regeneration provided on the	nis property	0.00	0.00	0.00	0 00	0.00	0.00	0.00	80.08	80.08
Cummulative acres of Net Tract Woodland cleared (e)		10.27	11.04	12.15	58.73	118.66	204.32	204 92	229.50	
Cummulative acres of Floodplain woodland cleared		0.00	0.00	0.00	0.11	0.28	0.69	0.94	2 73	
Smaller of d or e		10.27	11.04	12.15	58.73	118.66	204.62	204.92	229.50	
Wood and Clearing below WCT		0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	
Replacement for clearing above the WCT (0.25 : 1)		2.57	2.76	3.04	14.68	29.67	51.16	51.23	57.38	
Replacement for clearing below the WCT (2:1)		0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	
Afforestation Threshold (AFT) =	19.86%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cumulative Woodland Conservation Required	<u> </u>	198.69	198.88	199.16	214.42	230.10	252.00	252.32	340.34	
		Latest phase indic	cates cumulative	requirement thro-	igh that phase of	WOTK			<u></u>	
Woodland Conservation Provided.		1								Total
		1	T			T				

10.0070	0.00	0.00	0.00	9.00] 0.55	0.00	0.00	0.00	
	198.69	198.88	199.16	214.42	230.10	252.00	252.32	340.34	
	Latest phase indicates cumulative requirement through that phase of wiork								
									Total
	7.00	0.19	8.21	29.87	28.92	20.57	0.05	179.79	274.60
ĺ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 20	1.20
-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.19	0.00	6.57	0.00	0.26	2.29	0.00	0.00	9.31
	0.00	0.00	0.00	0.00	25 69	0.00	0.00	0.00	25.69
	0.00	0.00	0.00	0 00	1.04	0.00	0.00	80.08	81.12
Į	7.19	7.38	22.16	52.03	107.94	130.80	130.85	391.92	391.92
[0.59	0.00	0.00	0.00	51.37	3.62	0.00	0 17	55.75
	543.03	542 07	532 75	456.3	315 04	204 89	204.54	179 96	
								114.35	
t Tract				**************************************					277.57
		7,00 0,00 0,00 0,00 0,19 0,00 0,00 7,19 0,59 543,03	198.69 198.88 Talest phase indicates cumulative	198.69	198.69 198.88 199.16 214.42 Latest phase indicates cumulative requirement through that phase of 7.00 0.19 8.21 29.87 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.19 0.00 0.00 0.00 0.19 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 7.19 7.38 22.16 52.03 0.59 0.00 0.00 0.00 543.03 542.07 532.75 456.3	198.69	198.69	198.69	198.69

Type 2 (Temporary) Tree Protection Fence



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APPROVAL PROJECT NAME: THE PRESERVE AT PISCATAWAY - LUSBY VILLAGE PROJECT NUMBER: SDP-0401-04 For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet Revision numbers must be included in the Project Number



M-NCPPC Prince George's County Planning Departmen

> Environmental Planning Section APPROVAL TREE CONSERVATION PLAN

> > 12/12/04

Date

01/28/15

TCPII -068-04

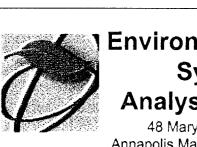
JLS

01 KIF

Approved by

1Fmch

TYPE II TREE CONSERVATION PLAN THEPRESERVEAT _usby Village West & Lusby Village East

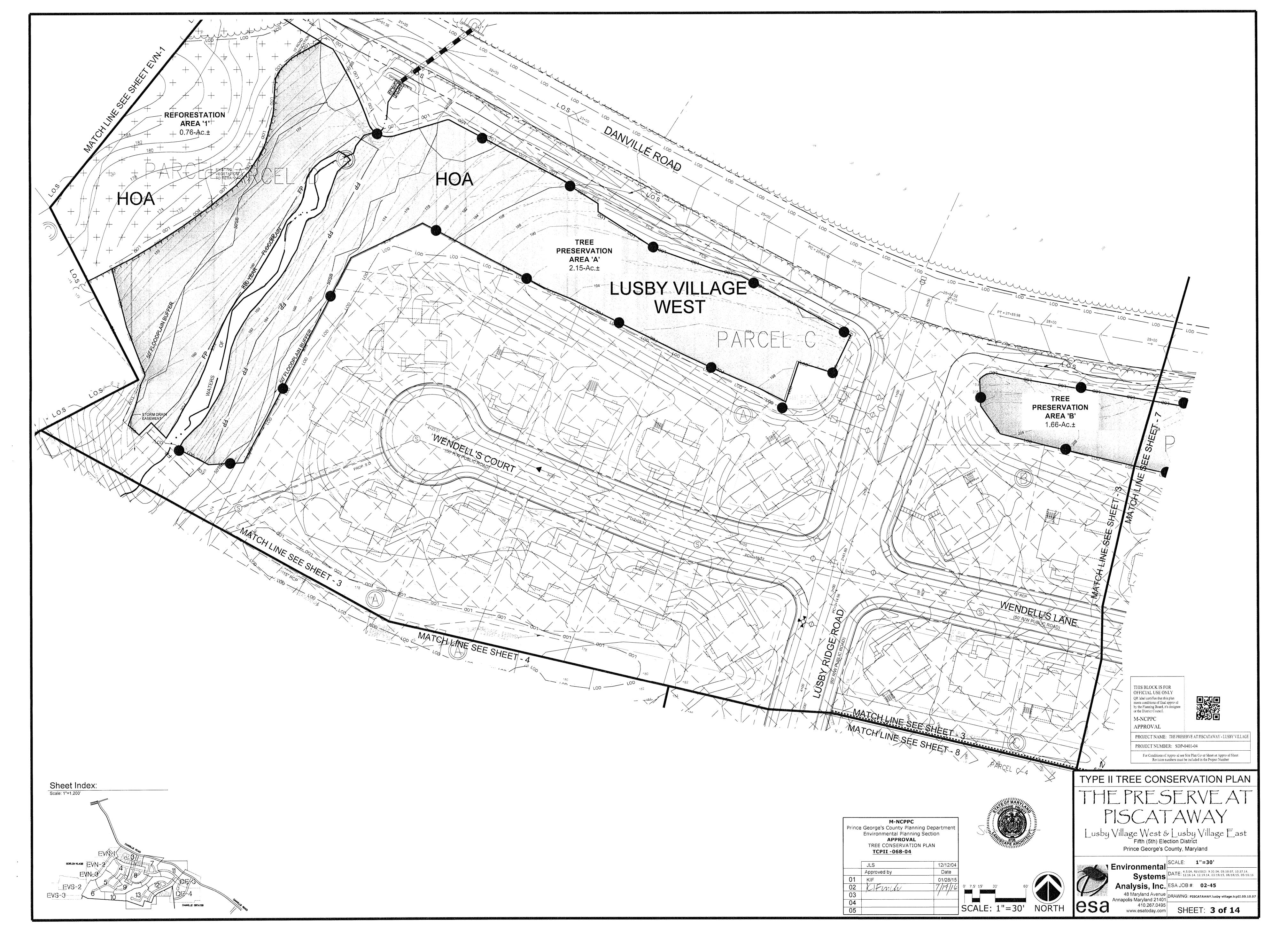


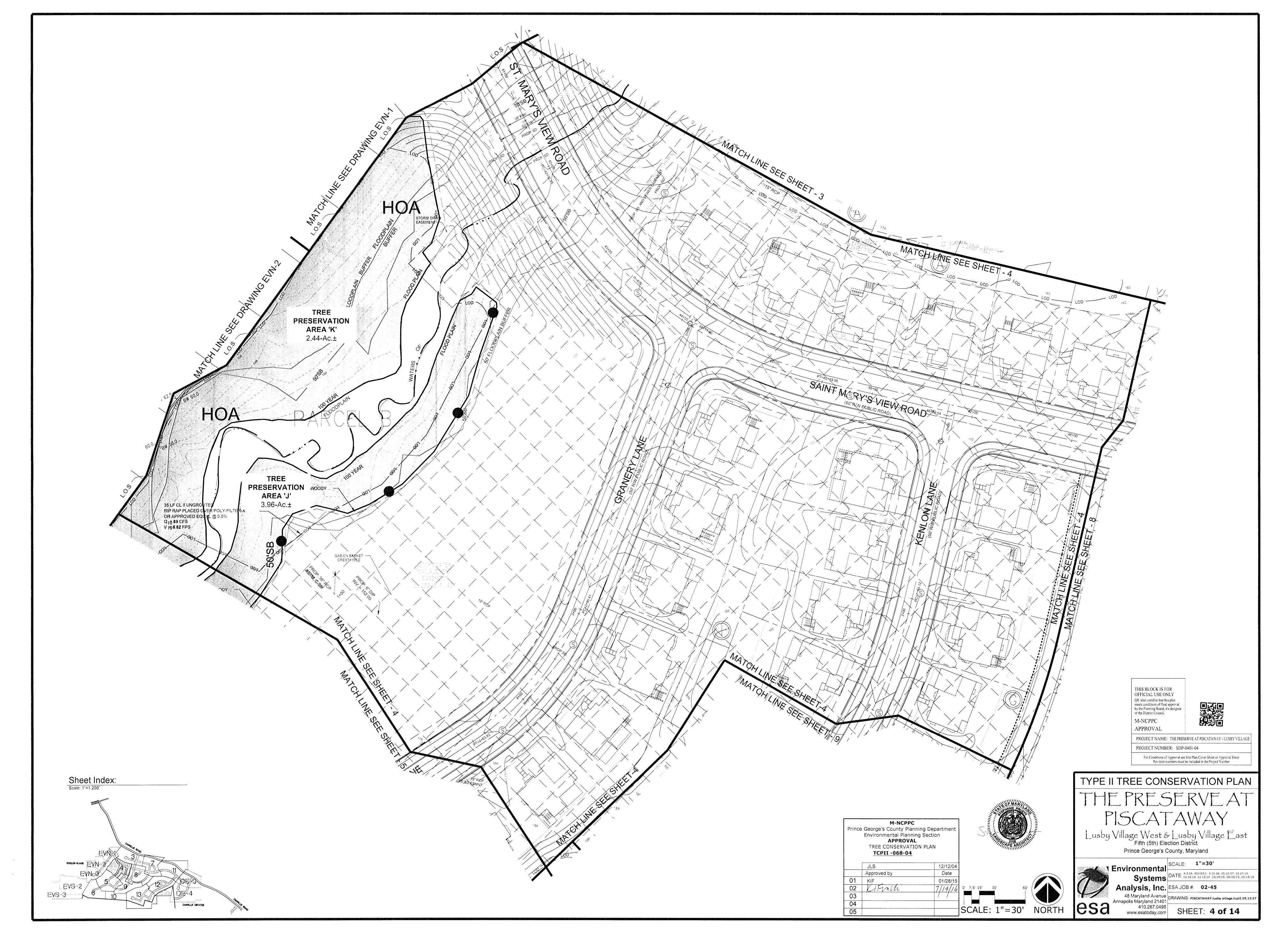
A-4, DET-6

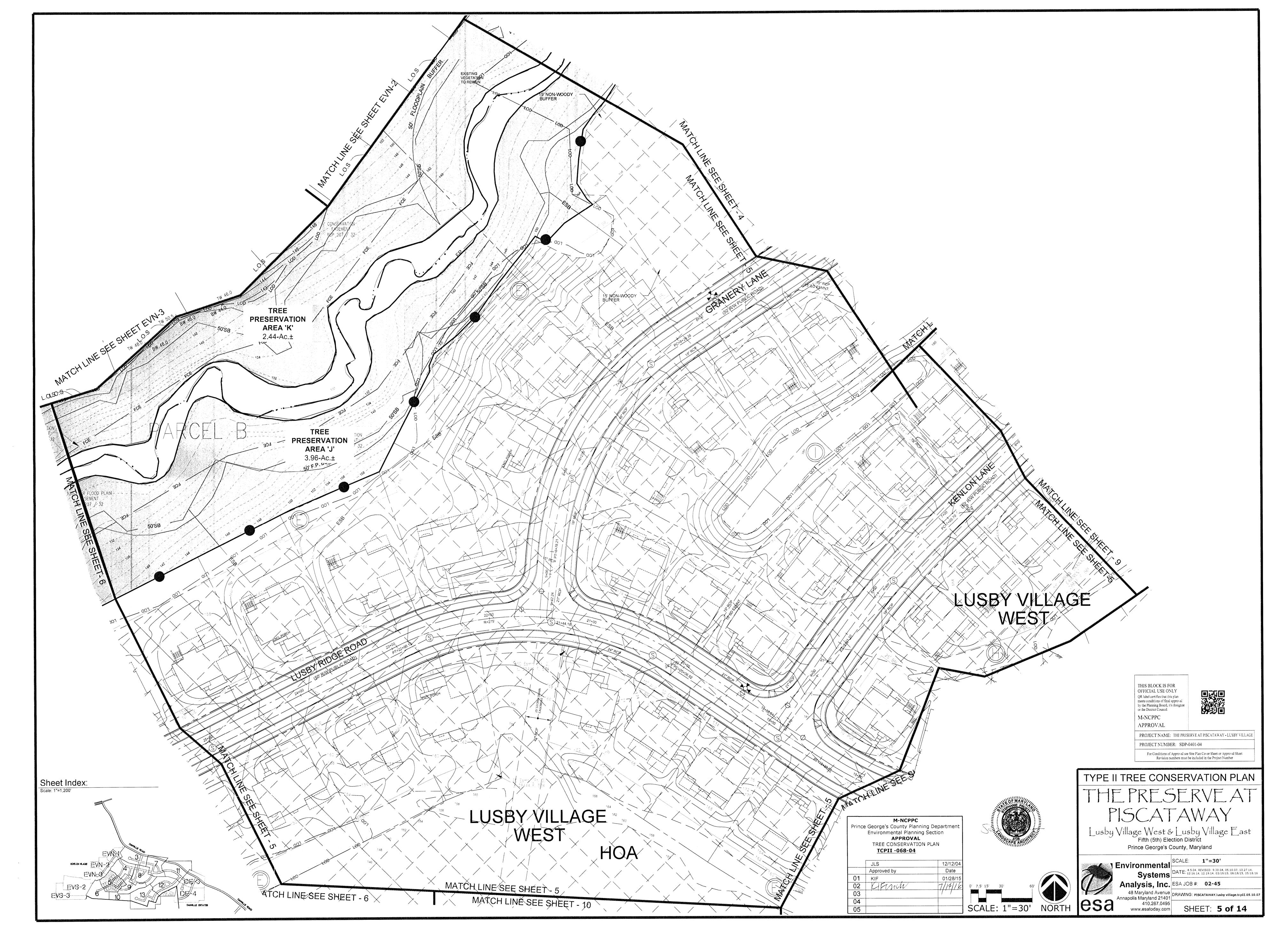
48 Maryland Avenue DRAWING: PISCATAWAY.lusby village.tcpII.05.10.

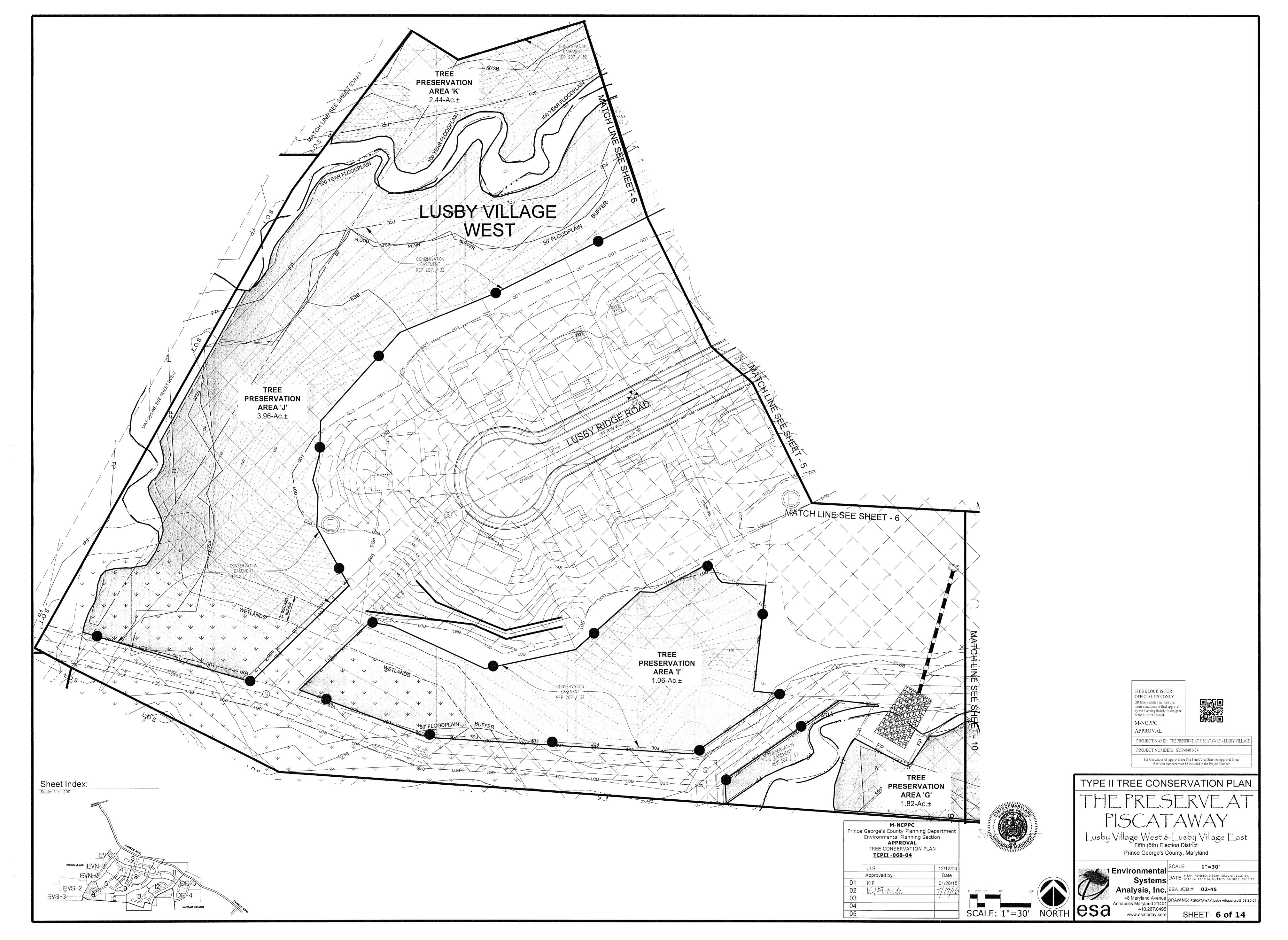


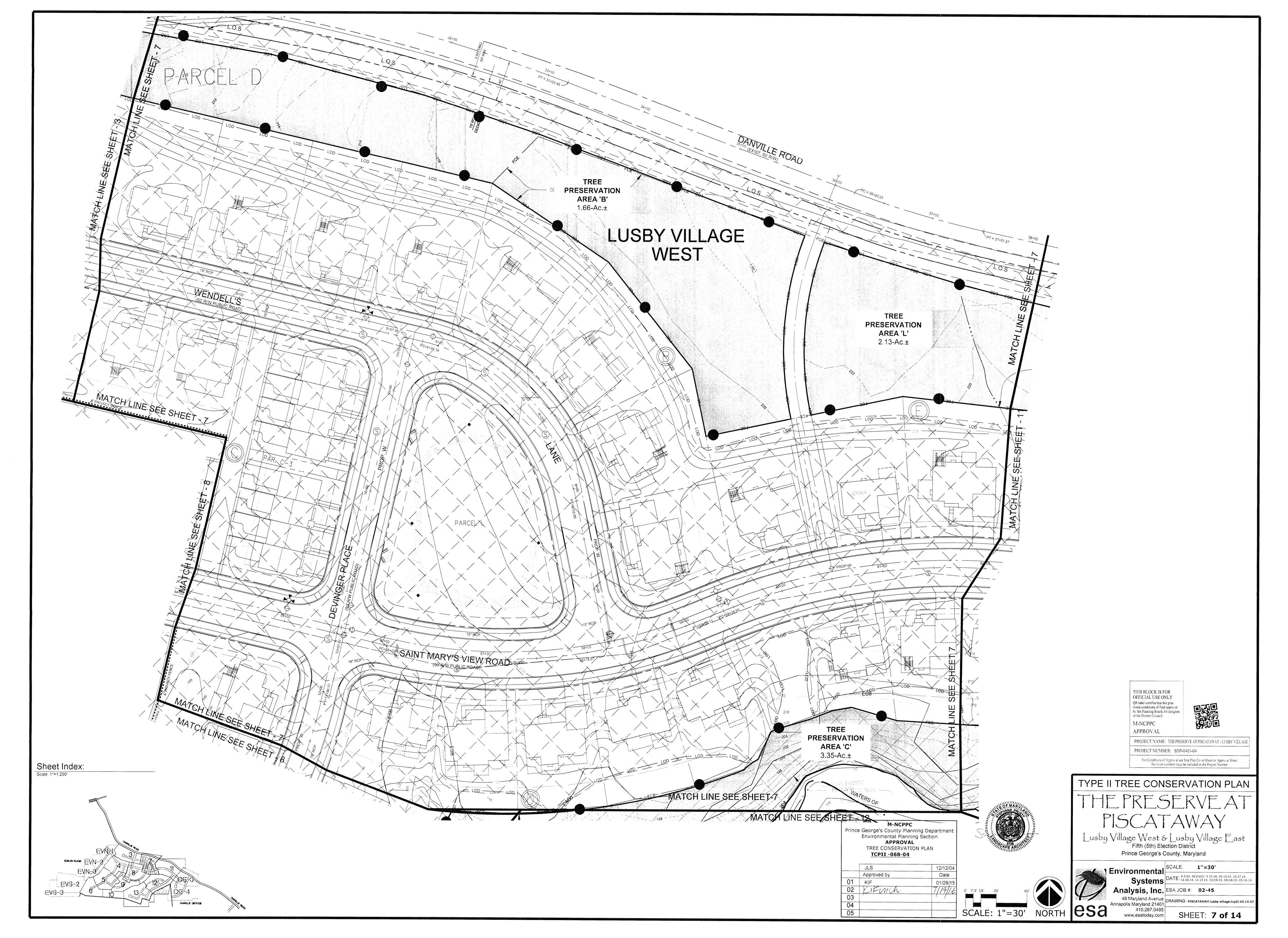
Prince George's County, Maryland

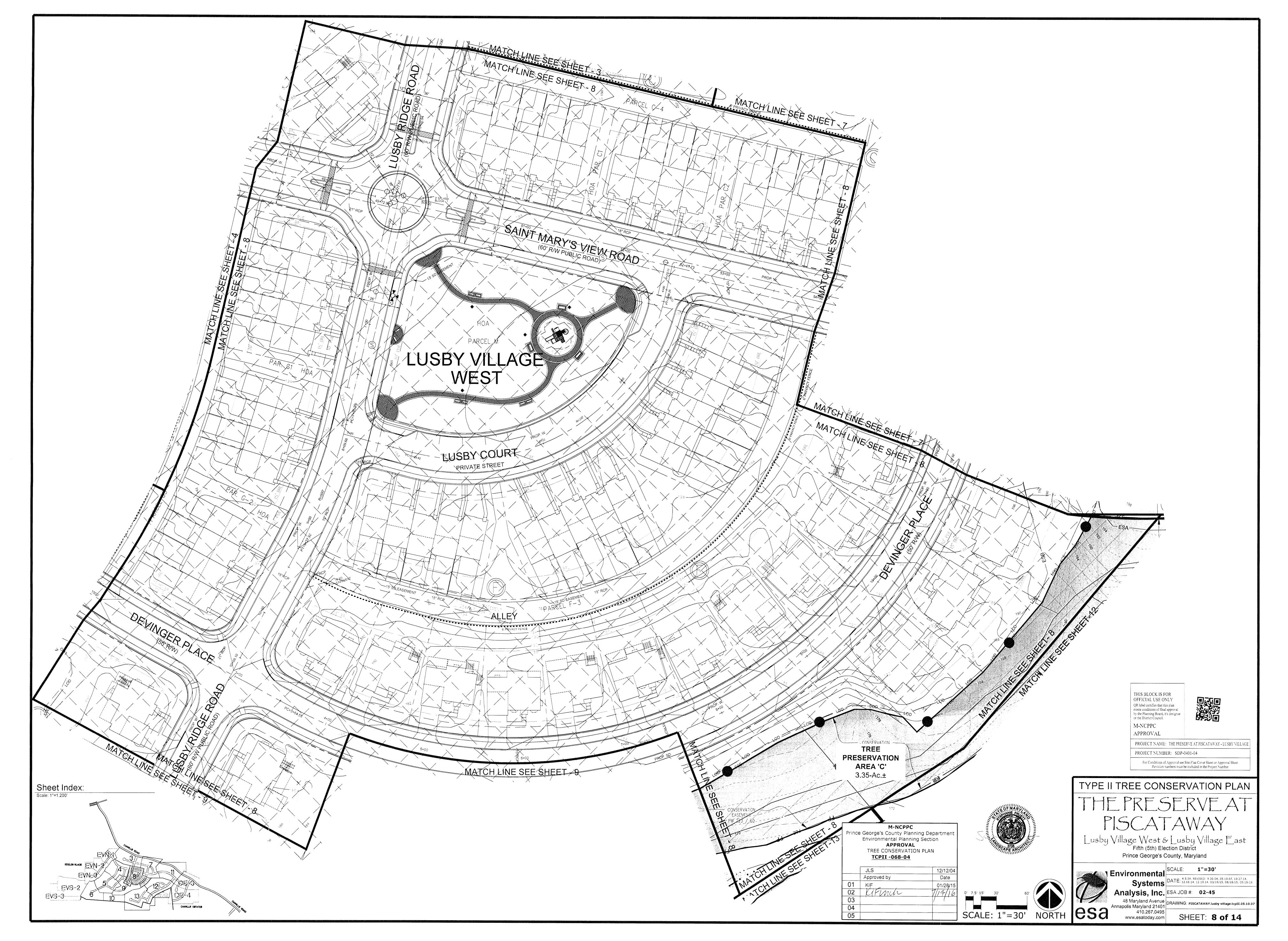


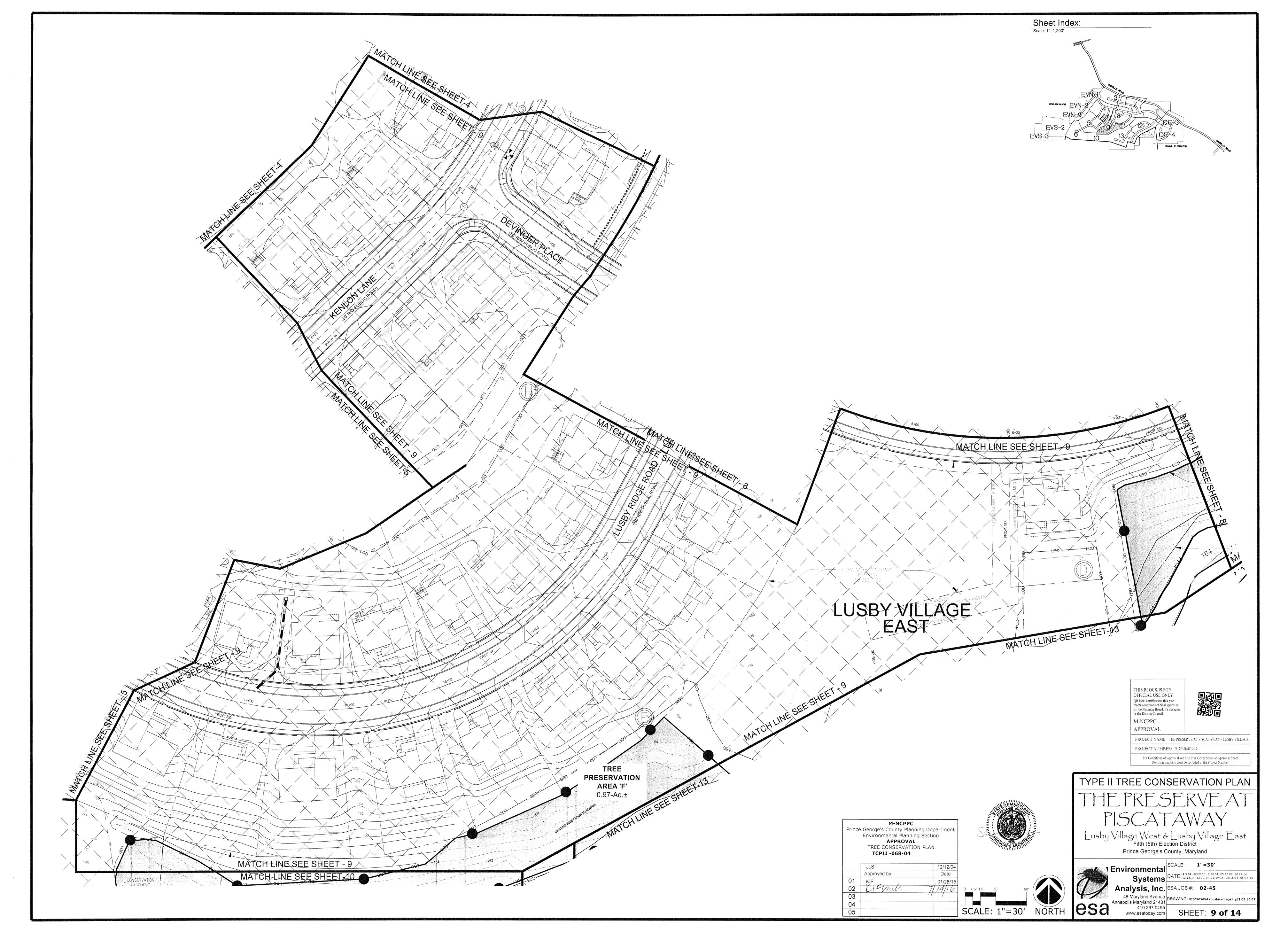


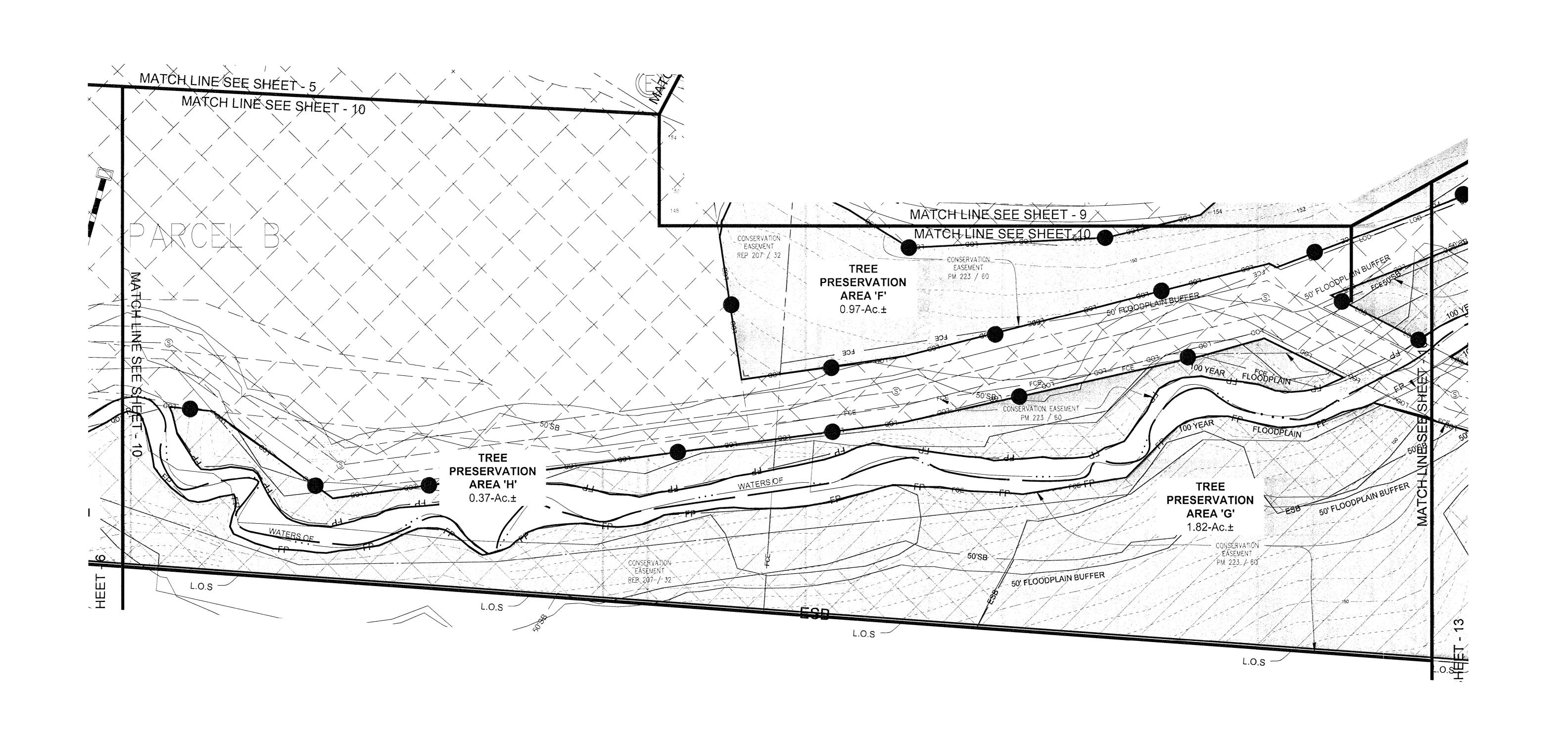












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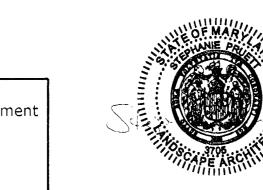
PROJECT NAME: THE PRESERVE AT PISCATAWAY - LUSBY VILLAGE PROJECT NUMBER: SDP-0401-04

For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet Revision numbers must be included in the Project Number

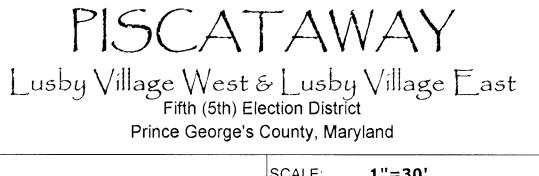


Sheet Index:

Scale: 1"=1,200'







TYPE II TREE CONSERVATION PLAN

THEPRESERVEAT



Environmental SCALE: 1"=30' Systems DATE: 4.5.04, REVISED: 9.30.04, 05.10.07, 10.27.14, 12.16.14, 12.19.14, 03/19/15, 08/18/15, 05/18/16 Analysis, Inc. ESA JOB #: 02-45

48 Maryland Avenue Annapolis Maryland 21401
410,267,0495
www.esatoday.com

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