LEGEND

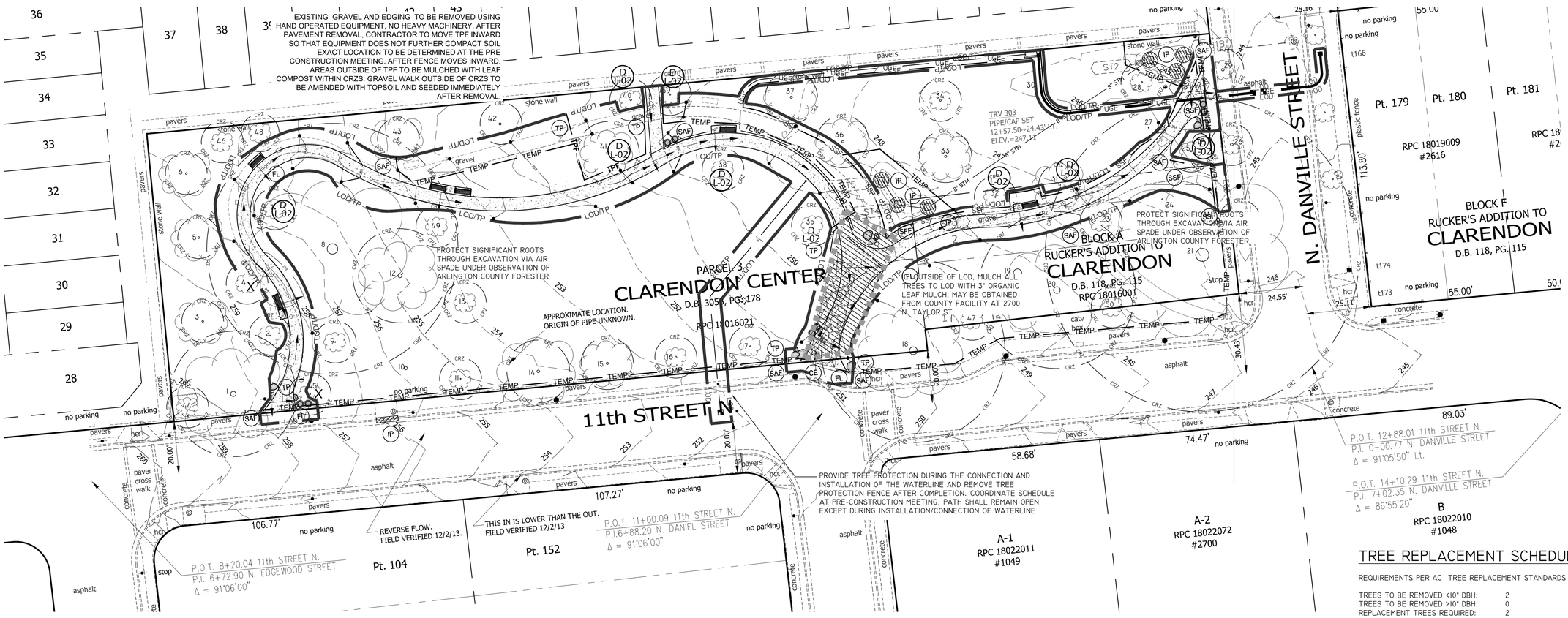
KEY	SYMBOL	DESCRIPTION
	LOD/TP	LIMITS OF DISTURBANCE
	CRZ	CRITICAL ROOT ZONE
SF	SSF	SILT FENCE
RP	RP	ROOT PRUNING
	X	TREE TO BE REMOVED (2)

KEY	SYMBOL	DESCRIPTION
TP	TEMP / TPF / LOD/TP	TREE PRESERVATION/ CONSTRUCTION AND SAFETY FENCE
		EGRESS PROTECTION: PLACE 6" WOOD CHIP MULCH UNDER 3/4" THICK PLYWOOD SECTIONS, OVERLAPPING, IN SITE EGRESS DURING CONSTRUCTION. NO STORAGE OF MACHINERY OR MATERIALS IN THESE AREAS.

1. TREE PROTECTION FENCE SHALL REMAIN IN PLACE UNTIL COUNTY PROJECT OFFICER APPROVES ITS REMOVAL.
2. CONSTRUCTION FENCE AND PERIMETER SEDIMENT CONTROLS TO BE INSTALLED AT LIMITS OF WORK. SEPARATION BETWEEN THESE ITEMS ON THE PLANS IS FOR GRAPHICAL PURPOSES.
3. EXCAVATION WITHIN CRZ OF EXISTING TREES TO REMAIN SHALL BE PERFORMED WITH SPECIAL CARE (I.E. HAND OR LIGHT MACHINERY OPERATIONS) AS TO NOT DAMAGE, DISTURB OR REMOVE TREE ROOTS.
4. CONSTRUCTION SAFETY FENCING AND PERIMETER SEDIMENT CONTROLS SHALL BE INSTALLED AS SHOWN ON THE PHASE IA EROSION AND SEDIMENT CONTROL PLAN PRIOR TO COMMENCING TO DEMOLITION ACTIVITIES AS INDICATED ON THE DEMOLITION PLAN. UPON COMPLETION THE AREA SHALL IMMEDIATELY BE STABILIZED.

TREE CANOPY COVERAGE NOTE:

PER SECTION 61-10.C.3 OF THE CHESAPEAKE BAY PRESERVATION ORDINANCE, THE PROPOSED USE IS EXEMPT FROM THE TREE CANOPY COVERAGE REQUIREMENTS OF THE ORDINANCE.



TREE REPLACEMENT SCHEDULE:

REQUIREMENTS PER AC TREE REPLACEMENT STANDARDS

TREES TO BE REMOVED <10" DBH:	2
TREES TO BE REMOVED >10" DBH:	0
REPLACEMENT TREES REQUIRED:	2
REPLACEMENT TREES PROVIDED:	3 *

*SEE LANDSCAPE CONSERVATION PLAN

TREE INVENTORY 11th AND DANVILLE

Tree Survey Information Completed by : Kathy von Bredow MA 4799-A

DATE: 2021.10.25

Tree #	Botanical Name	Common Name	Size (DBH)	Critical Root Zone (CRZ)	Species Rating	Condition %	Action	Total Score	Replacement	Notes
1	*Quercus alba*	White oak	28"	28'	85%	78%		19		
2	*Acer rubrum*	Red maple	6"	8'	80%	78%		4		
3	*Acer rubrum*	Red maple	10"	10'	80%	78%		6		
4	*Prunus spp.*	Ornamental Cherry	4"	8'	70%	38%	**Remove**	1	1	Poor condition
5	*Quercus rubra*	Northern red oak	14"	14'	85%	78%		9		
6	*Acer rubrum*	Red maple	10"	10'	80%	84%		7		
7	*Ulmus americana*	American elm	8"	8'	65%	78%		4		
8	*Quercus rubra*	Northern red oak	45"	45'	85%	75%		29		Double trunk, included bark
9	*Quercus rubra*	Northern red oak	4"	8'	85%	81%		3		
10		Removed				0%				Removed after survey was completed
11	*Quercus rubra*	Northern red oak	6"	8'	85%	81%		4		
12	*Quercus alba*	White oak	19"	19'	85%	81%		13		
13	*Ulmus americana*	American elm	7"	8'	65%	81%		4		
14	*Quercus rubra*	Northern red oak	16"	16'	85%	81%		11		
15	*Quercus rubra*	Northern red oak	13"	13'	85%	75%		8		
16	*Quercus rubra*	Northern red oak	13"	13'	85%	75%		8		
17	*Quercus rubra*	Northern red oak	9"	9'	85%	69%		5		Poor form
18	*Quercus alba*	White oak	43"	31'	85%	66%		24		Dead wood - watch this tree
19		Removed				0%				Removed after survey was completed
20	*Quercus alba*	White oak	33"	33'	85%	81%		23		
21	*Quercus falcata*	Southern red oak	48"	48'	85%	75%		31		Fungus, included bark - watch this tree
22	*Quercus rubra*	Northern red oak	13"	13'	85%	75%		8		
23	*Prunus spp.*	Ornamental Cherry	4"	8'	70%	63%		2		
24		Dead				0%				Removed after survey was completed
25	*Acer rubrum*	Red maple	7"	8'	80%	63%		4		Volcano mulched, potential removal
26	*Quercus rubra*	Northern red oak	15"	15'	85%	72%		9		
27		Removed				0%				Removed after survey was completed
28	*Tilia cordata*	Littleleaf linden	5"	8'	80%	78%		3		
29	*Quercus rubra*	Northern red oak	16"	16'	85%	69%		9		Minor deadwood
30		Removed				0%				Removed after survey was completed
31	*Prunus spp.*	Ornamental Cherry	10"	10'	70%	63%		4		Suckering
32	*Prunus spp.*	Ornamental Cherry	10"	10'	70%	72%		5		
33	*Liquidambar styraciflua*	Sweetgum	16"	16'	80%	78%		10		
34	*Quercus rubra*	Northern red oak	13"	13'	85%	78%		9		
35	*Tilia cordata*	Littleleaf linden	4"	8'	80%	78%		3		
36	*Quercus rubra*	Northern red oak	15"	15'	85%	78%		10		
37	*Quercus rubra*	Northern red oak	16"	16'	85%	72%		10		
38	*Quercus alba*	White oak	13"	13'	85%	72%		8		
39	*Liriodendron tulipifera*	Yellow-poplar	6"	8'	80%	72%		3		
40	*Liriodendron tulipifera*	Yellow-poplar	7"	8'	80%	72%		4		
41	*Quercus falcata*	Southern red oak	15"	15'	85%	72%		9		
42	*Quercus palustris*	Pin oak	10"	10'	80%	47%		4		
43	*Nyssa sylvatica*	Blackgum	11"	11'	85%	81%		8		
44	*Prunus spp.*	Ornamental Cherry	6"	8'	70%	81%		3		
45	*Quercus rubra*	Northern red oak	6"	8'	85%	38%	**Remove**	2	1	Dying
46	*Cercis canadensis*	Eastern redbud	4"	8'	85%	78%		3		Not on survey, added to existing conditions
47	*Ulmus americana*	American elm	8"	8'	65%	81%		4		Not on survey, added to existing conditions
48	*Cercis canadensis*	Eastern redbud	4"	8'	85%	81%		3		Not on survey, added to existing conditions
49	*Ulmus americana*	American elm	8"	8'	65%	81%		4		Not on survey, added to existing conditions
50	*Ulmus americana*	American elm	4"	8'	65%	81%		2		Not on survey, added to existing conditions

ARLINGTON VIRGINIA

DEPARTMENT OF PARKS AND RECREATION

Park Development Division
2100 Clarendon Boulevard, Suite 414
Arlington, VA 22201
Phone: 703.228.3332
Fax: 703.228.3328

Project Name and Location

11th and Danville Park Renovation

BY-RIGHT

2751 11th St North
Arlington, VA

Sheet Title

Tree Inventory and Preservation Plan

LDA-46746
#LDA22032

Approval	Date
Design Supervisor	

Revisions	Date
REV 1	REV 1 DATE
REV 2	REV 2 DATE
REV 1	REV 3 DATE
REV 1	REV 4 DATE
REV 5	REV 5 DATE

Designed: kvb
Drawn: kvb
Checked: bg

Filename: DVILLE BASE 2022.05.17
Plotted: May. 18, 22

Scale: 1"=20'
Date: May. 18, 22

Seal

COMMONWEALTH OF VIRGINIA
KATHY VON BREDOW
Lic. No. 1611
05.12.2022
LANDSCAPE ARCHITECT

Sheet

L-01

Path: L:\Division\Park Development\Projects\Danville Park (11th St)\Design\CAD\ Filename: DVILLE BASE 2022.05.17.dwg