# MARCH 23, 2017

# NEW ELEMENTARY SCHOOL AT THOMAS JEFFERSON MIDDLE SCHOOL

# **Urban Forestry Commission Meeting**



Overall Existing site plan



Overall Final site plan

### **Existing Condition**



38.6% pervious 3.7% semi 57.7% impervious

# **Proposed Condition**



34.3% pervious

8.8% semi

56.9% impervious

### **Existing Condition**



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#### CALCULATIONS

14.2.2.B.1 - STREET TREES	
REQUIREMENT:	
1 TREE PER 35 LINEAR FEET OF PUBLIC RIGHT OF WAY	
SITE DATA:	
SOUTH OLD GLEBE ROAD	
1031 LINEAR FEET	
STREET TREES REQUIRED:	
29 STREET TREES REQUIRED	
STREET TREES PROVIDED:	
30 STREET TREES PROVIDED	

<b>DPR ADMINIST</b>	RATIVE REGULATION 4.3 - TREE REPLACEMENT
REQUIREMENT:	
REPLACE TREES	SLATED FOR REMOVAL (SEE CIVIL SHEET T1.00 & T2.00)
REPLACEMENT 1	REES REQUIRED:
187 TREE REPLA	CEMENTS REQUIRED
REPLACEMENT 1	REES PROVIDED:
246 TREE REPLA	CEMENTS PROVIDED
91	LARGE SHADE TREES
47	MEDIUM SHADE TREES
68	MEDIUM EVERGREEN TREES
35	FLOWERING TREES
5	UPRIGHT SHADE TREES

187:	Replacement trees required
29: 158: 187	Trees required along streetscape Trees throughout rest of site

Trees scheduled for demolition

157:

246: Total tree replacements being installed59 more than required89 more than exist

# **Existing condition**



# Final Design







Along SOG



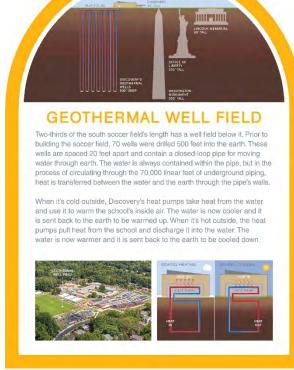


North of theater

Two permanent wells already drilled down to 560 feet with conductivity results as expected.

70 more wells will be drilled during construction when the site is fenced off and in full site construction mode.

This is one of the largest energy saving aspects of the project. This also prevents the need for noisy exterior cooling towers, which often draw complaints in the summer



Example of construction signage





























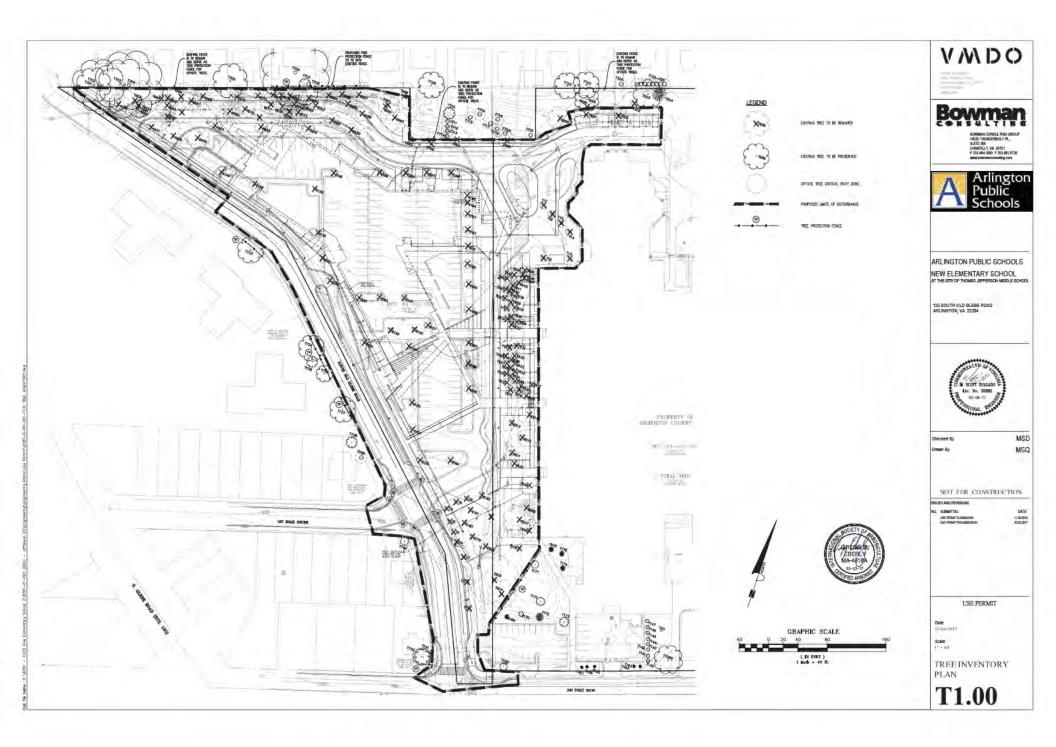












TREE INVENTORY Thomas Jefferson Middle School Date of site met(s): January 14 # 15, 2015 Certified Arbonat: Greeg D. Eberly (MA-4616A)

Tag or Tree #	Botonic Name	Connon Name	Calipar (DBH)	Condition Rating	Species Retire	Total Rating	Replacements Required	Preserval Remove
TJ	Lageretroenia indica	Craye North	3	0.00	9.40	1.26	1	Remove
78	Lageretroenia victical	Crape Myrtle	3	0.50	D 80	102	1	Kemore
7.9	Lagerstraenia intros	Crapie Nymile	9	0.80	0.80	1.92	- 1	Remove
7.5	Lageretroenia indica Lageretroenia indica	Crape Nyrtle Crape Nyrtle	3	0.50	0.80	1.92	-	Remove
7.6	Liestratricens indica	Crayle Mortile.	5	0.50	0.60	192	-	Remove
74 77	Ligeratroens ridida	Craes Morte	3	0.60	0.60	1,92	1.	Remove
7.6	Lageratroenia indica	Cravia Myrtle	8	0.50	0.80	1.92	_ d	Ramore
7.0	Lagerstroenu intica	Crapa Nortle	- 8	0.60	0.80	192	1	Remove
Tig	Betula riona	Kurar Bron	- 4	0.60	0.70	2.24	.1	Remove
TILL	Setula rigra	Ruler Birdh	4.	0.60	0.70	2.24	.1:	RAMOVE
Ti2	Lagaretroema indica	Crape Myrtle	3	0.60	0.80	1.02	-1-	Ramova
T14	Lagerstreena nalida Lagerstreena nalida	Crape Myrsle Crape Myrsle	8	0.50	0 80 0 80	192		Ramove Ramova
	Lageratroena indica	Crape Mortie	3	0.50	0.80	1.02	- 1	Kampia
TIE	Generalization intro-	Crepe Nyetla	- 8	0.60	0.89 0.89	1.92	1	Remove
717	Lagerebroenia milioa	Crape Nystle	- 3	0.80	0.80	196	- 1	Remove
TiB	Ser opésé	Amenawi Hally	1.2	0.50	0.70	6.72	2	Remove
TEC	Soptora japonica	Japanese Pagodatres	12	0.70	0.60	8.04		Treserie
T140	Ten all envalu Footen!	Fosters hat)-	- 3	0.60	0.70	1,68		Trasenie
7141	Les attenute l'osten'	Posters Holly	3	0.50	£70 £70	.08		Frasens
T142	Fan attenuata Posteni Fan attenuata Posteni	Posters Hally Pasters Hally	3	0.50	0.70	160		Prasarie Prasarie
T144	(an attenuate Tosten)	Fosters Holly	3	0.80	0.70	168		Franchie
T 48	Ter attenuita Posteri	Foeters Holy	8	0.80	0.70	- 48	-	Presenie
TIAS	Ten alternatu Toeten	Floaters hully	- 3	0.60	0.70	1.60		Freserve
T147	Sintgo tr/dos	Grkgo	5	0.60	0.70	2.60		Freedome
T148	Addr platancid ex	Morning Magne.	10	0.60	0.50	4.00	7.	Remove
T148	Azier glatanoides	Norway Maple	10	0.72	0.70		1	Remove
TIBO	Girken Wales	Ginkage	ą	0.80	0.70	1,60	1	Remove
7151 7152 7153	Giritago Di atas	G FRac	- 5	0.80	0.70	2.80	- J	Remove
T152	Ader pristance des	Norway Swife	10	0.50	0.50	250	1	Remove
T154	Aperplateroidee	Transact/data	10	0.60	0.50	2.50		Ramove
7138	Acerylatercules Girtas bridge	Manual Mayre Ginkes	9	0.50	0.90	5.92	-	Kamore
TIBE	Zelko-a nempta	Jananese Zelkbira	2	0.60	0.70	804	1	Ramore
F   67	Zako a earrata	Japanese Zelkova	7	0.50	0.70	302	- 45	Kamore
7188	Approxima	Rad Naple	- 6	0.80	D 70	2.24	1	Remove
T   50	Aptrinom:	Rad Nayle:	-4	0.60	0.70	2.24	1	Remove
TIED	Apir glutaroid en	Flory av 17 ad is	10	0.70	0.50	1.50	T	Kamora
TIGI	Zellichis demeta	Januarete Zelkova	. 6	0.50	0.70	4.48	- 1	Remove
	Sintgo tricks	Grage	- 5	0.80	9.79	2.80	1	Remove
T 64	Cryptomana japonipa	Jayanese Drygtomena	3	0.50	5,70	1.46	-	Przesnie.
	Crystomera jaronica	Javanese Criptomena	3	0.00	0.70	1.60		Preserve
TIGS TIGC	Cryptomena japonos Cryptomena japonos	Japanese Criptonera Japanese Criptonera	3 3	0.80	0.70	1,68	-	Presente Presente
TIGT	Cryptomena jayonca	Jayanese Crystonera	3	0.50	0.70	1,68		Presente
T1.60	ncer plutaroidee	Nonia; Napik	7	0.70	0.70	2.45		Treserve
7148	Cadrus decidens	Decidar Cedar	6	0.80	0.40	3.54	-	Preserve
7170	Girkgo bildea	Grkes			5.70	2.60		Freserie
7/71	Prome serveriery	Cherry Plym White Pine	- 8	0.70	2.50	1,75		Preserve Preserve
7172	Properties	White fine	20	0.70 0.70 0.80 0.80	0.50	7,00		Preserve
1178	Aper plataroid es Cadrue dandara	Tionivar Trapie Deodor Cedor	8	0.70	0.80	5.(8		Freserve
7.179	Cedros dendars	Debdar Cedar	8	0.80	0.40	5.54	- 1	Présente Trésente
7176	Cadrua daodara	Deoder Ceder	6	0.50	0.40	3.54	-	Preserve
7177	Ulmus par yltgia	Ladebert Cim	2	0.40	0.60	2.24		Trasenie
7176 7179	Apericanin	Red Lupte:	.3	0.50	0.70	1.50	1	Kemore
	Betula regra	Rouge Birds	- 6	0.60	0.70	2.10	- 1	Remove
TIBO	Setula ridra	River Bitch	- 5	0.50	0.70	1,46	,T,	Remove
Tibl	Debits mars	River Bran	- 3	0.60	0.70	.60	1.	Remove
T188	Fistanie oppidentale	Sycamore	10	0.60	0.60	8.00	1	Remove
T184	ister plataroides	Noncey Naple Noncey Naple	1.0	0.00	0.10	8.00	1	Remove
	Aper platanoides Aper rupum	Red Naple	10	0.00	9.79 9.70 9.70	3.50	- 1	Remove
7 (86) T (87)	Add name	Red livere	- 8	0.60	0.70	1.66	1	Remove
1187	Aper ruthim	Rasi Irlepta:	10	10.60	0.70	4.20	+	Remove
Tidd	Apericanim	Red I/ayle	10	0.00	0.70	4.20	1	Remove
TIDE	Matarue popularitale	5 jointole	3		9.40	26	.1.	Remove
T190	Flatanus dos dertalis	Sypamore	8	0.50	0.60	0.44	1	Kamora
TIBL	Patanie coo dertale	Sycamore	3	0.80	0.60	.04	1	Remove
T   82	Pistania coodertala	5yournore	3	0.70	0.60	126	1	Remove
T193 T194	Materia ous declara	Sysamore		0,70	0.80	1.86	1	Remove
1194	Platame coordentale Apen pursum	Systemore Red Linde	8	0.80	0.40			Remove
T196	Zelicora derrota	Rad I/apte Japanese Zelkova Japanese Zelkova	3	0.70	0.70	1.47	1	Ramove
T197	Zeligna serrata Zeligna serrata	Japanése Zelkova	8	0.60	0.70	4:40	.1.	Ramove
T196	Zalicia parrete	Jayanese Zelkova	ð	0.50	0.70	4.48	4	Ramore
T/89	Zelkova earratu	Japanese Zelkova	.3	0.50	0.70	160	1	Remove
T200	Zellini-piserratu	January Zelkou	8	-0.80	0.70	1.58	- 1	Remove
7501	fines abies	Nonvey Spruce	24	0.50	0.70	13.44	3	Remove
7502	film grada	Amendur hally	4	0.60	0.70	5.3€	1.	Remove
1503	Magnolia granditions	Southern Magnolia	18	0.70	0.70	10.05		Treatne
T504	Potes about	Norway Spride	14	0.70	0.70	5.99	1	Fréserie Kamora
T604	Provide administra Kulainten. Apeningstum	Kuurse Cheny Red Naple	26	0,50	0.70	2.74	3	Remove
TACO	Fruite sendora	Mark Cherry	3.2		0.50	1120	3	Remove
	Aper rustners	Rad Liepte	12	0.50	0.70	4.20	- 1	Remove
T606 T607	Guerous rubra	Red Col.	1.5	0.50 -0.60 -0.70	0.70	10.08	3	Remove
T608	Priva delirata	Shortleaf Fire	.13	0.70	0.80	4.55	1.	Remove
1408	Apper rustrum	Kacl Weste	12	0.50	0.70	6.72	2	Kamora
T610	Betola rigra Betola rigra	Rover Bron Rover Broh	4	0.60	0.70	224	- 1	Remove

Tee	Botanio Name	Gommon Name.	(DBH)	Condition	Species	Total Rating	Regiscements Regards	Preserve Remove
818	Betala vigra	Roge Beda	- 3	0.80		1.68	I.	Remove
812	Tetale vigra	Rige Best	- 3		0.70	1.68		Remove
214	Betula nigra	River Brok	16	0.70	0.70	7.85	2	Removie
18/12	Details rugra	River Brok	4	0.80	0.70	2.24	- 1	Kampye
TBIS TBIZ	Belgianera	Rome Brick	- 1	0.80 0.80	0.70	2.60	- 1	Remove
T8.17	Debuta nugra-	Rose Book	â	0.60		1.60	T	Remove
1615	Setula rigra	River Beat	-4	0.80	0.70	E.24		Remove
TEIR	Betula rigra.	Ross Brok	- 4	0.60	0.70	2.24	- 1	Remove
TREC	Between dra	Roge Best	- 5	2.80	0.70	2.80	-	Remove
TEST	Bets/a rigra	Ruler Birbir Kuler Birbir	3	0.80	0.70	2,24	-	Renove
TE23	Betula riigta Betula riigta	Kirer Besk	4			1.46	1	Kemovie
		River Brok	- 6	080	0.70	2.24	I	Kemove
T624 T625	Betula rigra Betula rigra	River Birds	- 4	0.80	0.70	2.24	1	Remove Remove
Tézé	Betule rigre	River Brok	4	0.80	0.70	E.24	1	Remove
T827	Details riggs	River Drut	- 4	0.60	0.70	2.24	1	Remove
T825	Betula vilara	River Birdt	. 4	0.60	0.70	2.24	1	Removie
TE 28	Betula rigia	River Brisk	- 4	D.60	0.70	2.24	- 1	Ramova
TG30	Bets/air igra-	Rurer Birsk	4	0.60	0.70	2.24	î	Remove
TEST	Details ruges	River Birch	4	0.40	0.70	2.24	1.	Remove
TE32	Betula rigira	River Beak	- 5	0.60	0.70	2.60	- 1	Remove
TESS	Tenta eigen	Rose Brok	- 4	0.80	0.70 0.70 0.70 0.70	2.24	1:	Remove
T034	Betilis rigra	Roar Brok	- 4	0.80	0.70	2.24	1:	Remove
TEAS	Detala rigra	River Brist	- 3	0.80	0.70	1.65	.1.	Remove
TESE	Betsternigre	River Birds.	.5	0.80	0.70	2.60	- (	Remove
TE37	Betsta rigra-	River Birch	. 4	0.60	0.70	2.24	1	Ramova
TESS	Bets/a riigra	Reier Birch	. 8	290	9.70	1.65		Remove
T820	Belula rigra	Rose Brak	- 4	0.80	0.70	2,24	- 1	Remove
Tá40	Betula riigra	River Brok	- 3	0.60	0.70	1.65	1	Remove
TE4	Betala rigra.	Rose Best	4	0.80	0.70	2.24	1	Remove
TS42	Betala vigra	Roge Bras	3	0.60	0.70 0.70 0.70	2.80	1	Remove
T845	Belula rigita	River Brost	4		0.70	2.24	1	Remove
TE4E	Betula riigra	River Birds	- 5	0.60	0.70	2.60	1	Removie
T947	Sestange	River Brisk	3	9.80 9.80	0.70 0.70 9.70	1.56	1	Kameva
TS48 TS40	Betwie niero		- 8	0.80	0.70	1,68	- 1	Ramova
T\$40	Betula riigra	Rose Brisk	5	0.40	0.70	2,60 2,60		Remove
	Appropriate	Rad Mayrid.		0.80	0.70		- 1	Remove
TES:	Ader plataholdes	Red Name	š	0.50 0.60	0.57	2.10	- 1	Remove Remove
TEBR	Addr rulliam	Red Mayte:	- 7	0.60	0.70	2.60	i	Remove
1854	Aper rub rum	Red Maple	- 5	0.80	0.70	2.80	- 1	Removie
688	Apenglatanoidee	Romyay Maple	18	0.80	0.50	4.80	Y	Kemove
	Adendistandes	Haroup black	14			E.60	- 2	Remove
989	Aser platerouses	Hansay Maple Hansay Maple	12	0.80	0.90	4.20	1	Remove
rasa	Moriaska	linda Wilders	18	0.60	0.40	4.32	T.	Remove
rate	Ader septrement	Street Maple	24	0.50	0.40	4.80		Remove
680	Fisca strottua	White Pine	14	0.60	0.50	4.20	- 1	Remove
881	Physics dentition	Black Overy	- 8	0.60		1.80	1	Remove
238	Robina утвивография	Black Locust	80	0.20	0.50	3.00	1	Kemove
660	Magnatia grant/fora	Soppern Magnatu-	20	0,70	0,70	9.00	2	Remove
864	Those popularity is	Eastern smorritae	- 4	0.80	0.60	1,44	- 1	Remove
8 68	Thus moderate a	Eastern American	- 3		0.90	3.35	- E	Remove
404	Magnotia grandiflora-	Southern Magnaria	1.8	0.70	0.70	5.62	2	Remove
667	Tel: gacs	Attended highly	12	0.70	0.70	2/00	8	Remove
685	Prival ethologia	White fire	29	0.70	0.50	9.10	Z	Removie
822	A rue strokus	Tribbe Rise	1.8	3.70 9.80	0.80	4.30	2	Ramova
270	Fex operate	Amenium Hally	10	0.80	0.70	5.60	- 1	Remove
67	Pipes stree	Norwal Syrace	14	0,50	0.70	4,90	_	Remove
672	These popularity is	Execum Articry has	8	0.80	0.90	1.80	1	Remove
473	Pleus strottus	White Fire	30	0.50	0.50	7.85	2	Ramova
674 875	Tinve strottus	White Fire		0.50	0.50	3.75	1	Remove
	Time stroke	White Pre	16	0.50	0.90	5.50	1	Remove
872	Pisia strocus	White Pine	22	0.50	0.50		2 2	Removie
7675	Vegad a grantifiera	Amendar Holly Southern Magnolia	14	0.70 0.70 0.80	0.70	2.65	2	Ramova
679	Magnetia grandificia	Sapen Nagala	P	0.40	0.70	£.65 5.04	- 1	Remove
1880	hagisha grandifists	Spottern Nagratu	10	0.70	0.70	4.80	- 1	Remove
EQ.	Tel color	Anancer Mally	1 11 -	0.70	0.70	5.39	2	Remove
F#82	Provisional	Tribbe 5 ne.	7	DBAD	0.50	0.00	0	Remove
TEAR	Tak oppose	American Histy.	10	084D 0.70	0.50	7.85	8	Remove
FEB4	Proces also	Floring Sprace	12	0.40	0.70	3.32	1	Kemorie
rees	Thosa street	Norway Syrace	14.	0.40	0.70	5.52	- Y	Ramove
reas	Mosa sines	Holman Syruce	16	0.30	0.70	2.60	2	Kamova
1867	Prive strokye	Srinds Fire	1.6	0.50	0.50	4.60	T.	Remove
TSSS	Negacia grandifora	Southern Magnoliu	18	0.80	0.70	7.26	2	Remove
TECO	Maged is grand fors	Southern Magnotia	18	0.70	0.79	5.52	2	Remove
15:0.	Price strokus	White Pine	2.5	0.70	0.80	9.60	2	Remove
503	hader plateroodes	Manage Maple	12	0.50	0.90	3.00	1	Removie
648	Betula nigra	Roser Birok	.5	0.80	0.70	2.80	1	Remove
644	Details rigra	Rose Brisk		0,80	0.70	2.00	- 1	Remove
TERO-	More alta	7/hta7/f/barry	2.5			4.46	1	Ramova
TOPI	Magadia grandifora	Southern Magnoria	1.8	0.50	0.70	4.55	1:	Remove
TERE	Triagnotus grandificas	Southern Magnifia	16	0.60	0.70	8.96	8	Remove
raes	Ader bädchafnum	Stor Mate	24	0.40	0.45	3.64	. 1	Removie
TES4	Azer eacharnum	Ster Made	20	3.70	0.40	5.60	2	Remove
200	Zelkow serveta	Zelkow serrata	10	0.80	0.76	5.60	1	Remove
393	Private strains	White Pine	14	0,70	0.80	4.65	T.	Remove
7637	1/9 g nor is sovering and	Salosr Nagrotia	1.6	0.70	0.70	26,6	2	Remove
500	Triagnolia edular grana	Spicer Magnitis	16	0.50	0.70	7.84	2	Ramovia:
	Tillag tol ta accilar giana	Saucer Magnotia	16	0.50	0.70	9.25	7.	Preserve
200								
T200 T7000	Tex options Soptions papertous	Amender Holly Japanese Pagodatrese	16	0.80	0.00	84.48		Ramovie Presense

Betula nie	re River Birch	4	0.80	0.75	2.24	E	Remove
Betule nig	ra River Brok	- 4	0.80	0.70	E.24	T.	Remove
Datala sia	re River Brok.	- 4	0.80	0.70	2.24	T.	Remove
Bets/avia	rk River Birds		0.60	0.70	2.24	1	Removie
Bets/error	ra- Rivar Brok-	- 4	0.60	0.70	2.24	- 1	Remove
Bats/a rig	ra River Birch	- 4	0.60	0.70	2.24	1	Remove
Details the	ra River Brick	- 4	0.60	0.70	2.24	- 1	Remove
Betula nut	rs River Bross	- 5	0.60	0.70	2.60	T.	Remove
"Betyle de	rs. Roar Brok	- 4	0.80	0.70	2.24	1:	Ramova
Betule nig	rs River Brost	- 4	0.80	0.70	2.24		Remove
Details Fig.	Firer Brok	- 3	0.80	0.70	1.65	-f.	Remove
Between	Roar Brak.	. 5	0.80	0.70	2.60		Remove
Betstaining	ro. River Brisk	- 4	0.80	0.70	2.24	-1	Ramova
Bets/a rig	ra Kurar Brok		2.30	0.76	1.68	-0	Remove
Belula ru	ra Roser Brak	- 4	0.80	0.70	2.24	-1	Remove
Betrians	ra River Bran	- 3	0.60	0.70	1.65	1	Remove
Betala ria	ra. Ruser Best	- 4	0.80	0.70	2.24	1.	Remove
Betalanta	ra- River Brass	3	0.60	0.70	2.80	1	Remove
Betwie vie	ra River Bross	4	0.80	0.70	E 24	- 1	Remove
Betülenis	ra River Brok		0.80	0.70	2.60		Removie
Betilang	(a) River Brick	3	0.60	0.72	1.56	1	Kamova
Betwie to	ra Ruse Beak	- 3	9.80	0.70	1.60	- 10	Remove
Betria na	ra Rose Brisk	- 5	0.80	0.70	2.60	- 1	Remove
Pagerrupe	un Rad Mayris.		0.30	0.75	2.60	T.	Remove
Azer glata	sholdes florivactilapie.		0.70	0.57	2.10	- 1.	Ramova
Addrnois	ort. Red Martie		0.60	0.70	2.80	- E	Ramove
Aser rulls	em Red Mapte:		0.60	0.70	2.80		Rameria
A Section Assessment	en Rad Made	- 4	23.82	0.50	2.85	- 1	Removie

OFFSITE TREE INVENTORY Thomas Jefferson Middle School Date of site visible! February 23, 2017 Corbinal Arbonat: Gragg D. Eberly (MA-461 GA)

Tag or Tran #	Botania Name	Common Name	(DBH)	Condition Rating	Species	Total Rabna	Regisered	Freserve Ramova
701	Froma serotina	Black Cherry	24	0.50	0.50	5.40	0	Freserie
702	Ap ar rubrum	Red Nistra	26	0.80	0.70	7.54	0	Preserve
708	Alber Nation	Red Made	36	0.40	070	1008	0	Fresen's
704	Din pida colnor tul yellara	Tulip Post se	-4.5	0.50	0.70	14.60	0	Preserve
705	Querous stos	Write Cur.	24	0.40	0.50	7.48	0	Freedrie
706	Querous rubre	Red Oak:	48	0.70	0.70	23.52	0	Preserve
707	Frunse serrulata Kivartan	Klustopi Cherry	8	0.70	0.50	2.10	0	Presence.
708	Prorise servalata Yucargani	Knowled Chara-	. 2	5.70	0.80	1.08	0	Présente
708	Pince of rolline	Write Print	1.6:	0.80	0.80	7.20	0	Présent
710	Robins pro edovoyou	Black Loopet	6	0.70	0.50	2.10	0	Fresens
211	Tex presults	Japanese Hally	- 3	0.70	0.70	1.47	0	Preserve
712	lax cratists	Jupanese Holy	- 3	0.70	0.70	1.47	0	Preserve
718	Tax preside	Lugarese Holls	9	0.70	0.70	1,47	0	Preserve
714	Tax pratute	Laparage Holly	. 9	0.70	0.70	1.47	0	Preserve
71.5	Zelioru serratu	Lupinese Zelkovi.	- 3	0.70	0.70	1.47	0	Preserve
716.	Zeliciu serrata	Lupatine Tellucia		0.70	0.70	1.47	0	Preserve
717	las prands	Jayanese Mally	8	0.70	0.70	1.47	0	Préserve
718	Three occidentals	Eastern Arbonidate	- 3	0.60	0.00	1.44	0	Preserve
7/8	Tryp occidental s	Eleaha m Artoprofesa	3	0.80	0.00	1.44	0	Freeenie
75C	Trya occidentale	Earthern Arthonystae	3	0.80	0.60	1,44	0	Preserve
721	Trius adoldertalis	Castern Arton Idaa	3	0.80	0.80	1.44	0	Preserve
722	Cary's platra	Plant Hickory	18	0.40	0.70	6.04	0	Preserve
725	Prunie servilata Kiyarzan	Kivarzer Cherry	18	0.40	0.50	3,00	0	Presence
724	Trurus serotina	Black Cremy	- 4	0.40	0.50	0.50	0	Presents
725	Photona demolata	Otriese Proting	. 5	0.40	0.50	0.60	0	Preserve
726	Photonia metrolata	Chirasa Protinia	- 3	C.AC	0.50	0.60	0	Present
727	Photon a cerrulate	Chinasa Photinia	3	0.40	0.80	0.00	0	Freser e
724	Protosa sensiata	Clinese Piggina	- 1	0.40	0.80	0,60	0	Preserve
728	Probles services	Cinnese Picting	3	0.40	0.50	0.60	0	Preserve
780	Photon a serrollata	Crimese Photolia	- 8	0.40	0.50	0.60	0	Preserve
73.1	Photona-eemilata	Christa Photina	2	0.40	0.50	0.60	0	Preserve
72.5	Proting merulata	Civines Piotina	. 2	0.40	0.50	0.60	0	Preserve
728	Querdus Willetine	Pin Date	1.6	0.50	0.70	6.30	0	Preserve
724	Querous palutitré	f'n Qab	1.6	0.70	0.70	35.5	0	Freserie
735	Make ep	Cracicoptie		0.60	0.60	3.54	0	Fresen e
756	Makeign	Cracupple	12	0.80	0.90	5.74	0	Preserve
727	Querque palvetre.	PAGA:	18	0.60	0.70	7.96	0	Préssors
786	Primite serrilata Kinanzari	Kicetzer Charry	B	0,60	0.50	3.20	0	Preserve
738	Laddinebroams (tidios	Crace Myrba.	- 1	0.50	0.50	1.20	0	Present.
740	Cluerous polistre	Fin Clak	- 6	0.60	0.70	2.52	0	Presente
741	Jorgelina Strantaina	Castern Reddelar	16	0.60	2.70	8.04	0	Preserve
742	Amperso virgiriere	Eastern Replaceder	1.2	0.70	0.70	5.88	0	Freschie

TOTAL THEE REPLACEMENTS:

- Notice:

  1. Constitution Runing based on formula provided by the <u>Quints for their hydraces</u> political by the <u>15th</u>.

  5 prices from goeset on formula provided by the <u>Quints for their hydraces</u> political by the <u>15th</u>.

  3. All bases that a minimum 10 EAH is view meetinged and state of the Constitution of





BOWMAN CONSULTING GROUP 14025 THUNDERBOLT PL, SUITE 300 CHANTILLY, VA 20151 P 703.484 1000 F 703.481.9720



ARLINGTON PUBLIC SCHOOLS NEW ELEMENTARY SCHOOL AT THE SITE OF THOMAS JEFFERSON MIDDLE SCHOOL

125 SOUTH OLD GLESE ROAD ARLINGTON, VA 22204



Checked By Drewn By

NOT FOR CONSTRUCTION

SUES AND REVISIONS

D. SLEIMITTAL LISE PERMIT SLEMISSION LISE PERMIT RESUMMASSION

MSD

MSQ

11.30.2016 (0.06.2017

USE PERMIT

Date (0-06-2017

TREE INVENTORY

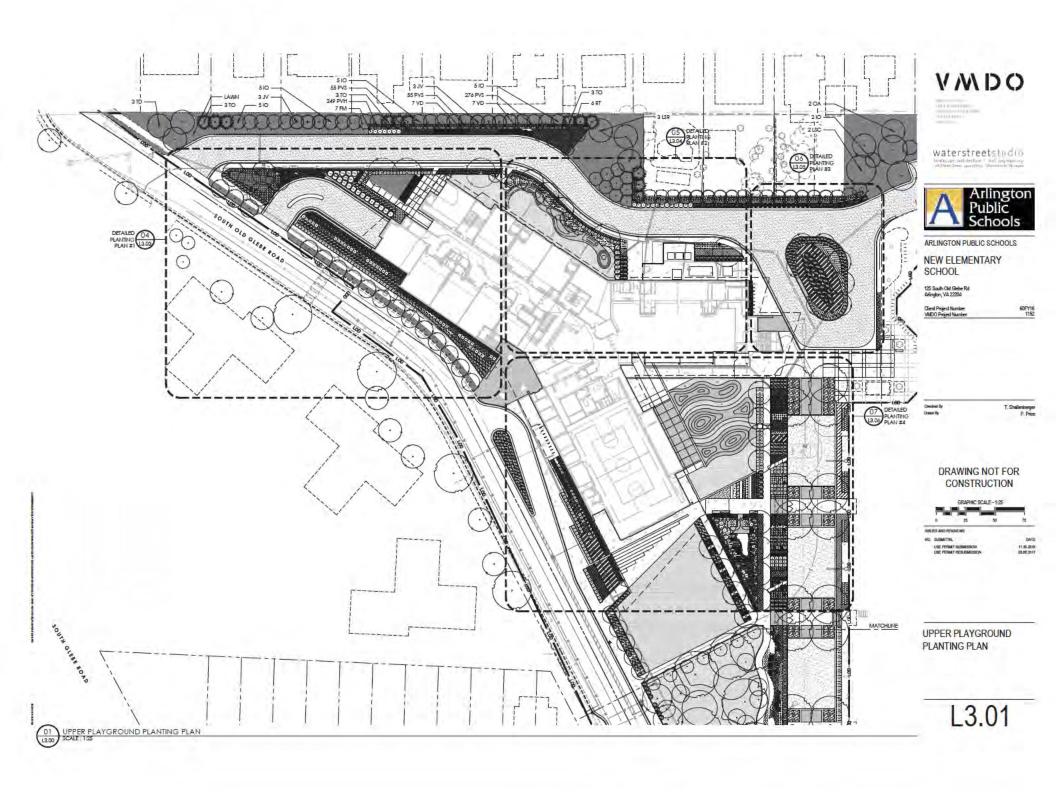
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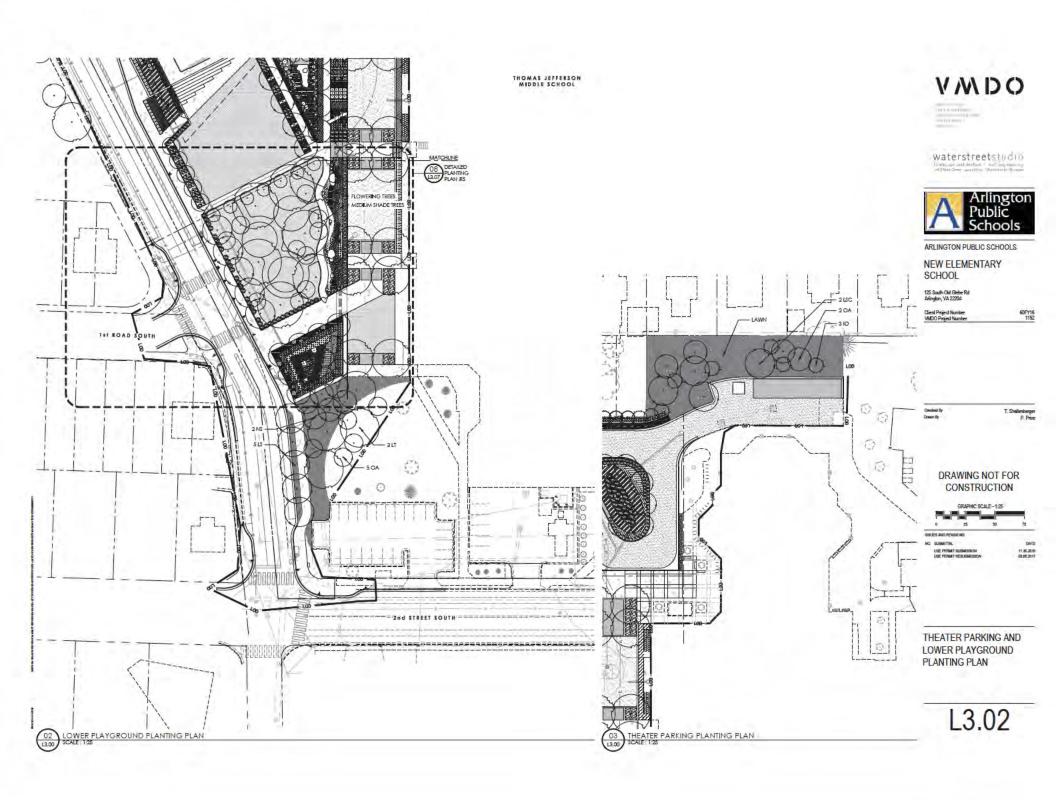
- Note:

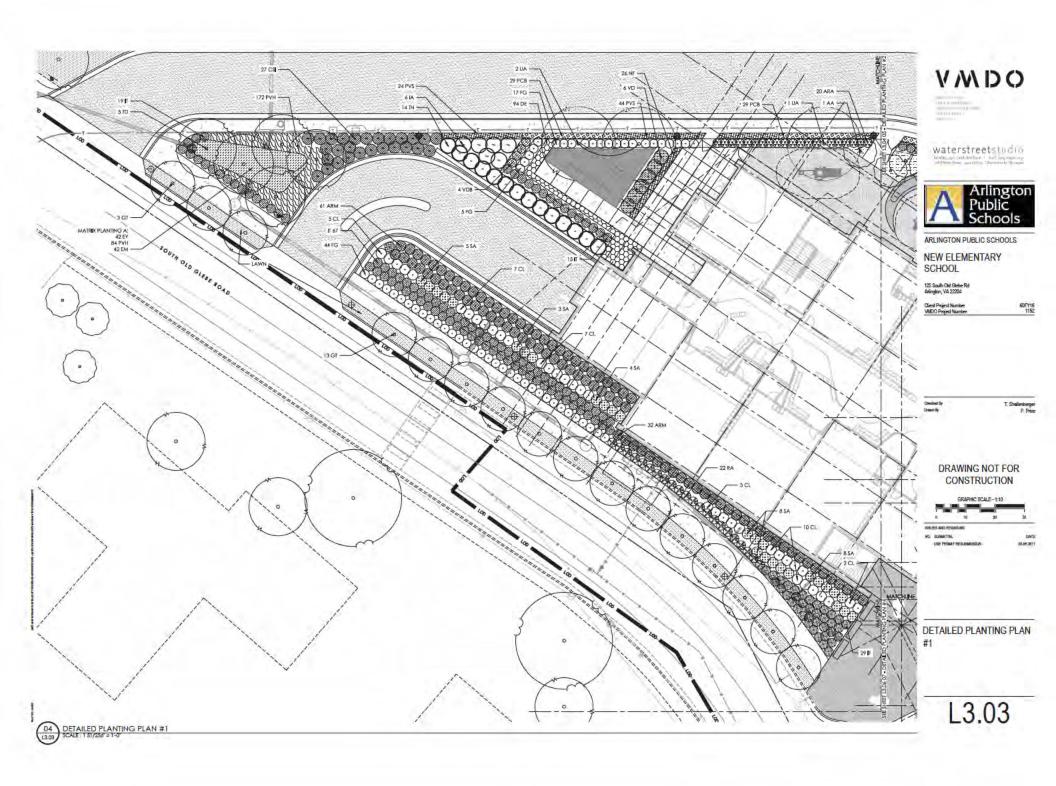
  1. Condition Rising based on formula provides by the <u>Suitable Plant hards and published by the SA.</u>
  2. Options Rising based on formula provides by the <u>Suitable transfer operating</u> published by the SA.
  3. Options Rising based on formula provides by the <u>Salast transfer operating</u> published by the SA.
  4. Thesia SALO SALO are automatically represent as in risk of one for the salast.
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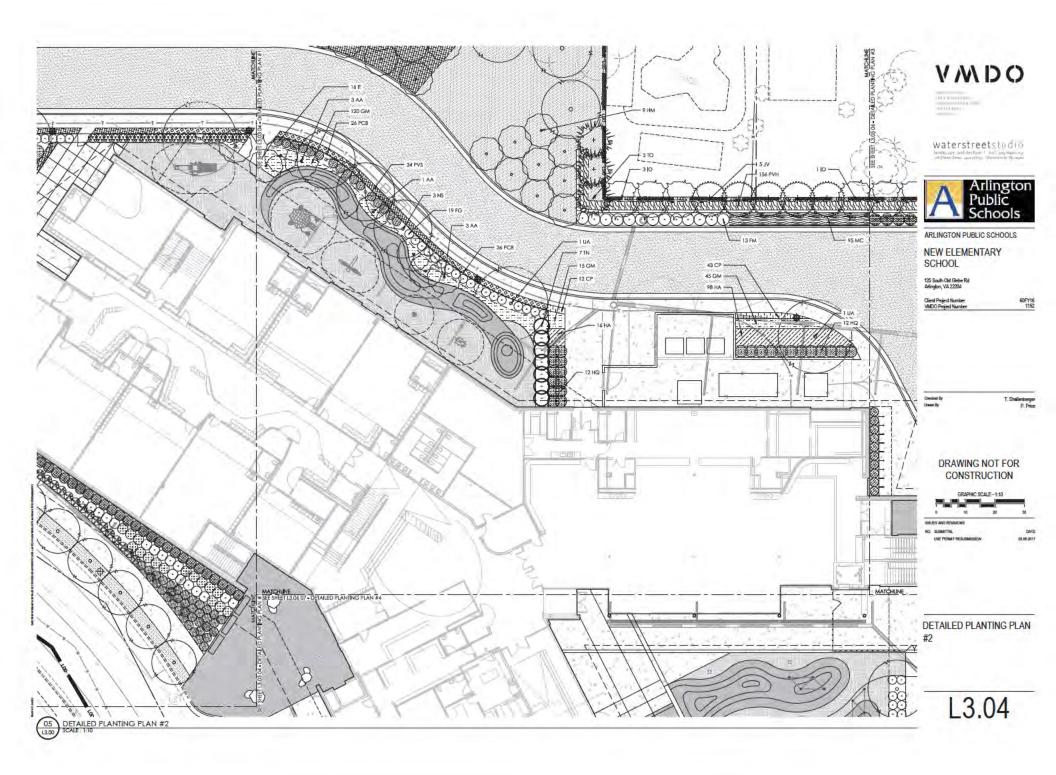


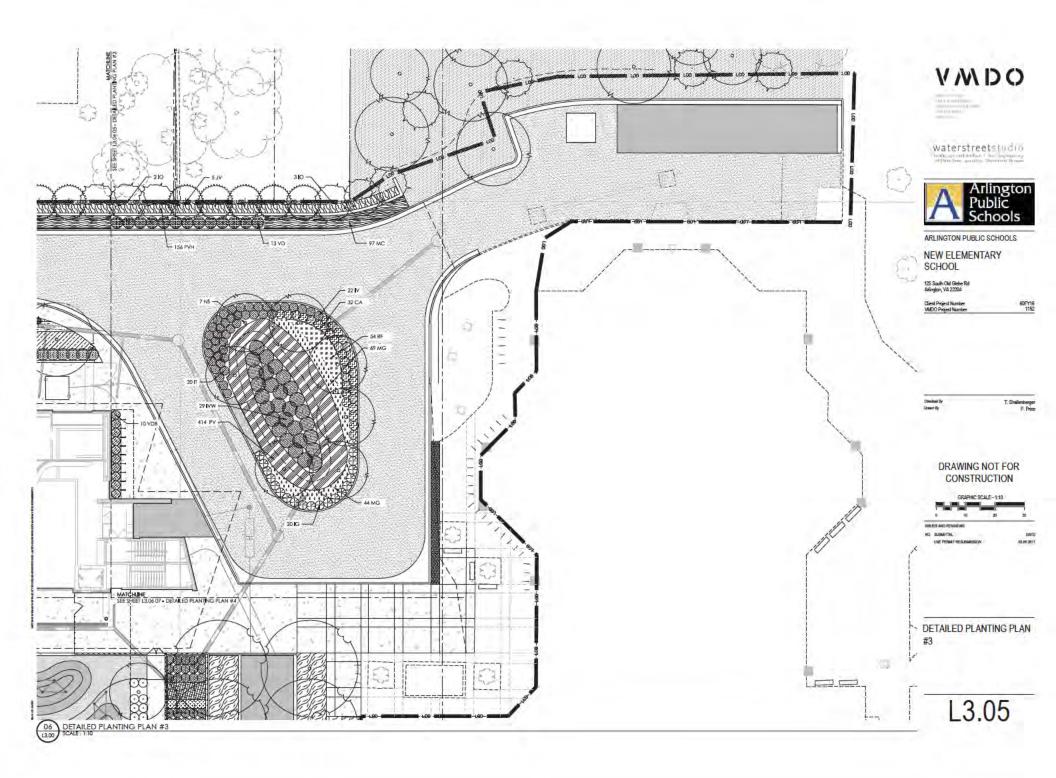
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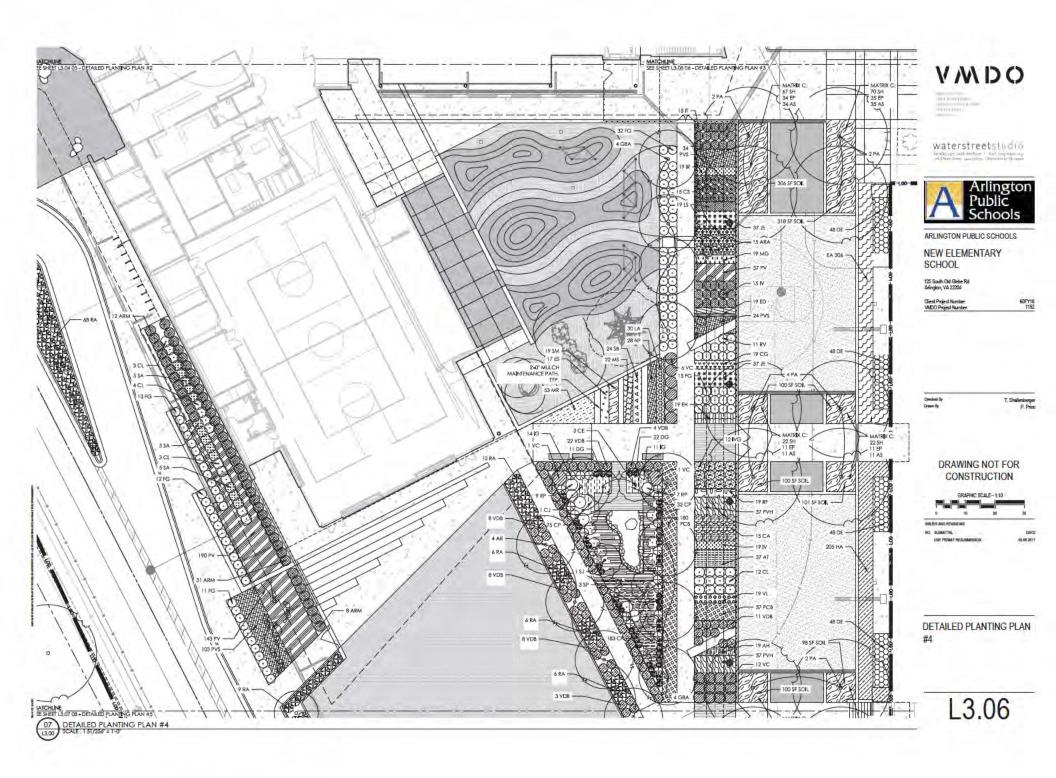




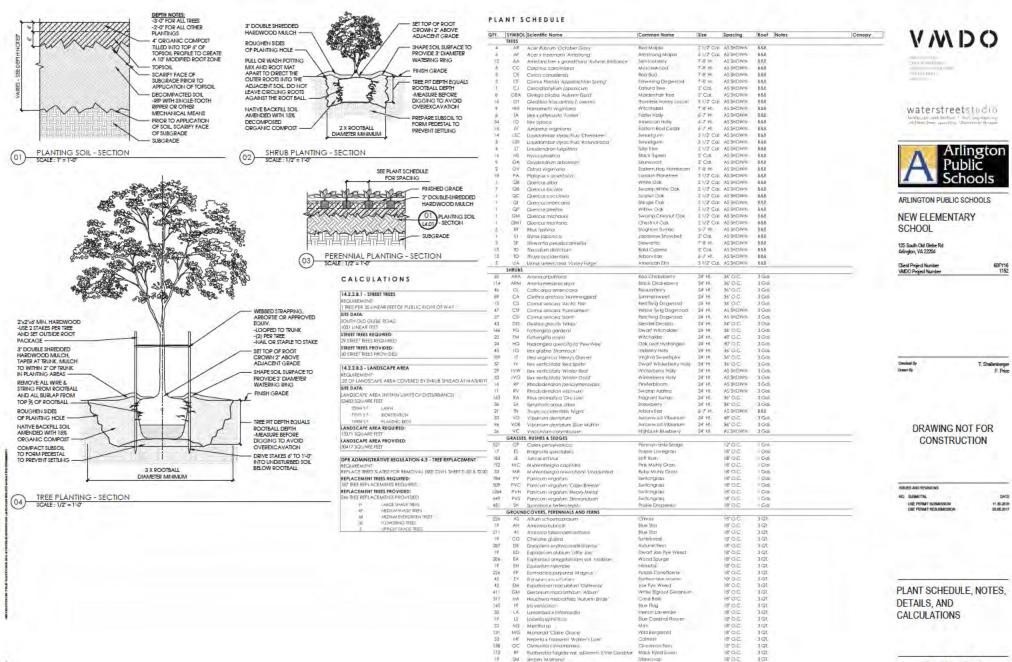












Sedam Mattena

Stachys byzantina Helene Van Steir

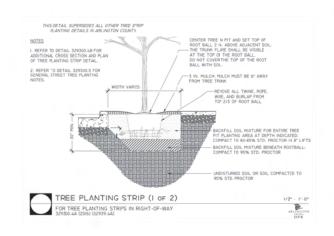
Vernonia lettermonnii Iran Buttertiv

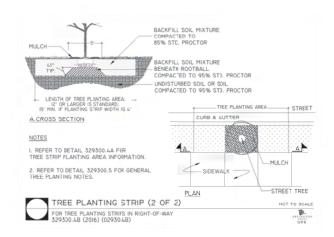
Minnestop

immwarest.

18" O.C.

3 COT.





#### NOTES

- TREES SHALL BE NUMSERY ORDER SPECIFIES THAT MEET THE LATES EDITION OF THE AMERICAN STANDARDS FOR NUMSERY STOK (AMS 260).
   BALLED AND BULLAPPED TREES SHALL BE SECURELY HELDIN FLACE UNITERATED BURLAP AND STOUT ROPE ONLOW SOME IS NO! ACCEPTABLE! LOOSE, BROOM OR PHANFACTURES BALLS ARE UNCCEPTABLE.
- CALL MISS UTILITY AT (800) 552-7001 FOR UTILITY LOCATIONS PRICE TO ESCAVATION.
- AT TIME OF PLANTING PROME ONLY CROSSING UMBIC GROKEN OR DE ANCHES, AND ANY BRANCHES THAT POSE A HAZARD TO PEDESTRIANS NOT PRUNE INTY OLD WOOD ON EVERGREENS.
- TREE PIT AND THEE STRIP PLANTING AREA BIMENSIONS:
   (A) 5' X 12' OR LARGER IS STANDARD
   (B) 4' X 15' INNHUM IS ALLOWED PER THE CONDITIONS AND COUNTY URBAN FORESTER'S APPROVAL.
- 7. SPACE TREES 25-30' APART OR PER SECTOR PLAN REQUIREMENTS OR
- SITE CHARACTERISTICS, SUCH AS OVERHEAD POWER LINES, EXISTING REGETATION, AND AFRASTRICCTURE ITEMS SUCH AS CURIES, SIGNEAUS NO UTLITIES SHALL BE CONSIDERED. TREES THAT GROW TALLER THAN 9 FEET SHOULD NOT BE PLANTED DIRECTLY UNDER POWER LINES. SOSSIBLE THE TREE LEADER SHALL BE OFFSET FROM POWER LINES.

- 10. F THE QUANTITY OF ACCEPTABLE EXISTING SQL IS INSUFFICIENT FOR THE PLANTING REQUIREMENTS. THE CONTRACTOR NAY USE TOPSOL. SQL TEST REPORT RESULTS FOR THE TOPSOL. WILL BE AMDEL ANALABLE TO THE COUNTY URBAIN FORESTER. FON REQUEST. CONTRACTOR SHALL SUBNIT TOPSOL FOR APPROVAL T.C COUNTY VERBAIN FORSTER THAT HERE'S THE.
- WING SPECIFICATIONS:

  A) TOPSOIL CONSISTS OF A SANDY LOAM WITH UNIFORM COMPOSITION

  ND IS FREE OF STONES, LUMPS, PLANTS, RIOTS, AND OTHER DEBRIS
- AND IS TREE OF STORES, LATTER TARREST.

  (B) TOPSOL, MAS A PH RADGE OF 5.5 TO 6.1 AND A MINIMUM CONTENT
  OF 1.0% DOGRAM, MATTER
  (C) TOPSOL, DOES NOT CONTAIN TOXIC SUBSTANCES HARPFUL TO
  PLANT GROWTH, SOURCE SALT LEVEL SHALL, NOT EXCEED 3
  PILLIOPPIS PER CENTIFIETER.
- II. TREES PLANTED WITHOUT THE TRUNK PLANE VISIBLE WILL BEREJECTED.
- IZ. TREES MAY ONLY BE STAKED IF REQUIRED BY THE COUNTY URBAN FORESTER. REFER TO ARLINGTON COUNTY STANDARD STAKING DETAILS
- MULCH SHALL BE CLEAN, SCREENED, DOUBLE-HAMMERED HAR(WOOD BARK MULCH, UNIFORM IN SIZE AND FREE OF STONES, CLODS, NON-ORGANI DEBYS AND OTHER FOREIGN MATERIAL.
- TRACTOR SHALL LEGALLY REMOVE EXCESS SOIL & DEBRIS FROM

#### GENERAL NOTES FOR STREET TREE PLANTINGS FOR TREES PLANTED IN RIGHT-OF-WAY





waterstreetstudio

VMDC

ARLINGTON PUBLIC SCHOOLS

#### **NEW ELEMENTARY** SCHOOL

125 South Old Glebe Rd Arlington, VA 22204

Client Project Number VMDO Project Number

T. Shallenberger

#### DRAWING NOT FOR CONSTRUCTION

ISSUES AND REVISIONS

NO. SUBMITTAL

DATE

CONTRACTOR SHALL VERIEY PLANT QUANTITIES SHOWN ON PLAN WITH TOTALS IN PLANTING SCHEDULE. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO FINAL BIDDING. UNITS PRICES BE SUBMITTED AS PART OF FINAL BID.

PLANTING NOTES

- 2. ALL PLANTS SHALL BE GUARANTEED FOR ONE (1) FULL YEAR AND SHALL BE IN A HEALTHY GROWING CONDITION. PLANT MATERIALS WHICH DO NOT FULFILL THIS GUARANTY SHALL BE REPLACED AT NO COST TO THE OWNER. REPLACEMENT SHALL BE GUARANTEED THROUGHOUT THE ORIGINAL GUARANTY PERIOD. PLANTS THAT DIE SHALL BE REPLACED IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR WATERING WEEDING PEST CONTROL AND FERTILIZATION OF ALL PLANTS UNTIL, a.) UPON FINAL ACCEPTANCE IS ISSUED BY LANDSCAPE ARCHITECT AND/OR OWNER, AND b.) THE CONTRACTOR PROVIDES OWNER WRITTEN NOTIFICATION OF ALL MAINTENANCE NEEDS OF ALL SCOPE ASSOCIATED WITH THE PLANTING PLAN(S) CONTRACT DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR LOCATION OF ALL UTILITY LINES, TREES SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET FROM SEWER/WATER CONNECTIONS. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.

- THE LANDSCAPE ARCHITECT IS THE OWNER'S REPRESENTATIVE AND SHALL BE THE APPROVING AUTHORITY FOR INFORMATION PROVIDED WITHIN THESE PLANS AND SPECIFICATIONS
- ALL PLANTS, TOPSOIL, MULCH, FERTILIZERS, SOIL AMENDMENTS, PLANTING SUPPLIES, AND METHODS SHALL BE SUBJECT TO LANDSCAPE ARCHITECTS APPROVAL. REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE WITHOUT DELAY AT NO EXPENSE TO THE OWNER.
- CONTRACTOR SHALL LAYOUT AND MARK LOCATION FOR ALL PLANTS, AND IMPROVEMENTS SHOWN AND SHALL REQUEST IN FIELD APPROVAL FROM LANDSCAPE ARCHITECT
- ALL PLANTS AND PLANTING METHODS SHALL CONFORM TO A.A.N. STANDARDS
- BEDS TO CONTAIN SHRUBS, PERENNIALS, ORNAMENTAL GRASSES, OR PERENNIALS SHALL BE TILLED TO A DEPTH OF 12" AND THE SOIL CONDITIONED BY ADDING 3" OF A U.S. COMPOSTING COUNCIL APPROVED COMPOST.

- 10 ALL PLANTING BED AREAS SHALL BE COVERED WITH A 3" MINIMUM LAYER OF MEDIUM TEXTURED SHREDDED HARDWOOD MULCH UNLESS OTHERWISE NOTED.
- ALL SUBSTITUTIONS OF PLANTS SHALL BE REQUESTED IN WRITING TO THE LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
- 12. ALL PLANTING OPERATIONS SHALL BE UNDER THE SUPERVISION OF AN EXPERIENCED PLANTSMAN.
- LANDSCAPE ARCHITECT RESERVES THE RIGHT TO SELECT PLANTS IN THE NURSERY
- FOR TREES BALLED IN WIRE BASKETS, CUT AND REMOVE TOP AND SIDES OF BASKET AFTER INSTALLATION
- LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT AND PLANTS AND MATERIALS THAT ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION, AS WELL AS PLANTS AND MATERIALS THAT DO NOT CONFORM TO A A N. STANDARDS.
- 16. SOIL SHALL BE FREE OR ALL WEEDS AND ROCKS GREATER THAN 1" IN DIAMETER

- 17. PLANT SIZES, QUANTITIES, AND SPECIES WILL BE CHECKED BY MUNICIPALITY INSPECTION FOR COMPLIANCE WITH PLANT SCHEDULE AS APPROVED BY THE MUNICIPALITY. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DELAY IN ISSUANCE OF CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY RESULTING FROM UNAUTHORIZED SUBSTITUTIONS OR DOWNSIZING.
- 18. UPON COMPLETION OF LANDSCAPE INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR WHO WILL VERIFY COMPLETENESS, INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL AND SCHEDULE A FINAL INSPECTION FOR ACCEPTANCE BY OWNER.
- 19. CONTRACTOR SHALL REMOVE TREE STAKING AT THE END OF THE ONE YEAR WARRANTEE PERIOD

ARLINGTON COUNTY PLANTING DETAILS & NOTES











