

**MARCH 23, 2017**

**NEW ELEMENTARY SCHOOL  
AT THOMAS JEFFERSON MIDDLE SCHOOL**

**Urban Forestry Commission Meeting**



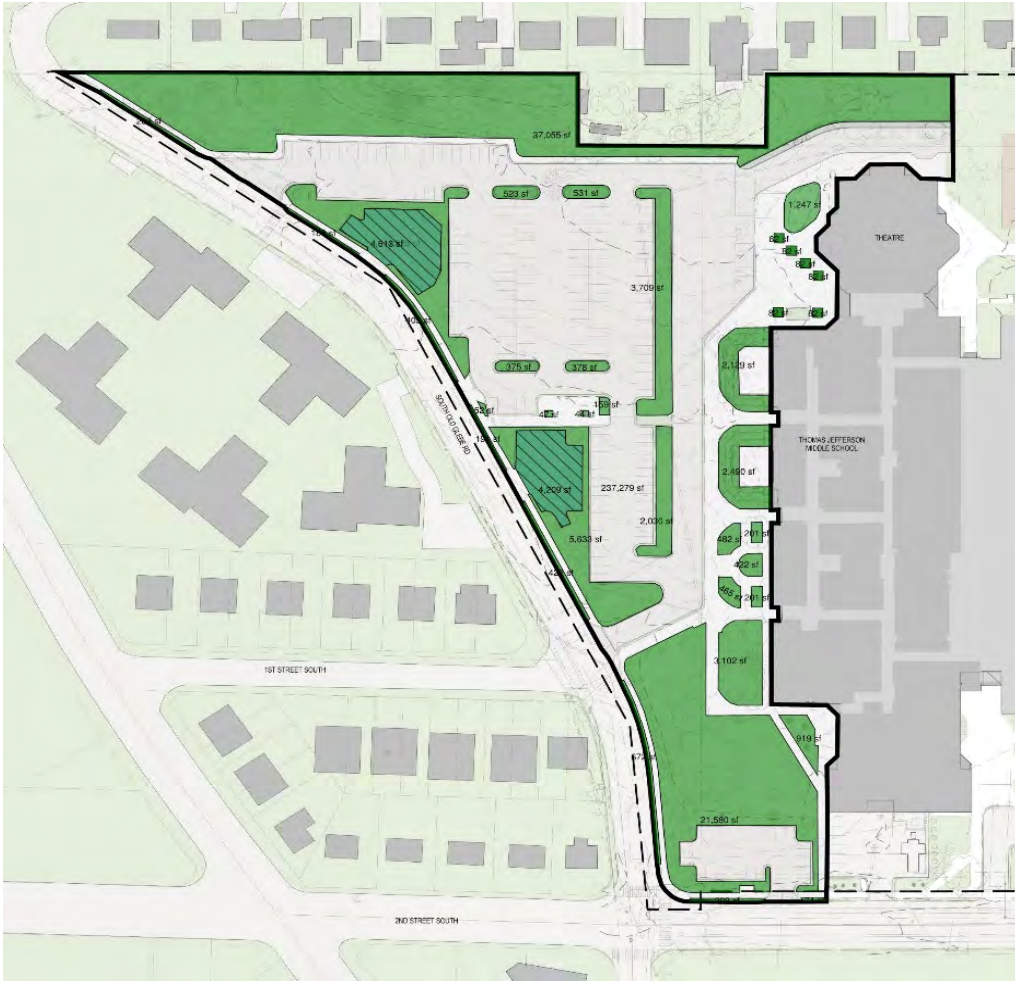
Overall Existing site plan



Overall Final site plan



## Existing Condition



38.6% pervious  
3.7% semi  
57.7% impervious

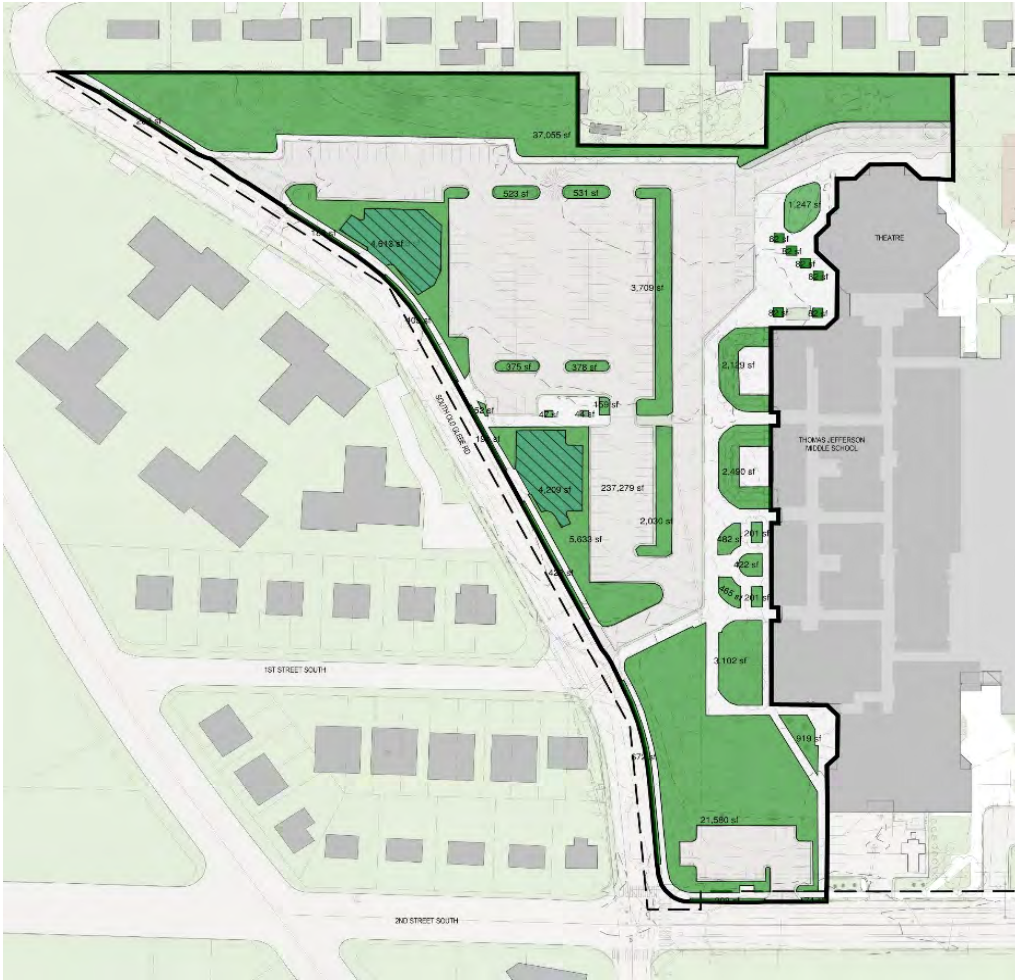
## Proposed Condition



34.3% pervious  
8.8% semi  
56.9% impervious



## Existing Condition



38.6% pervious  
3.7% semi  
57.7% impervious

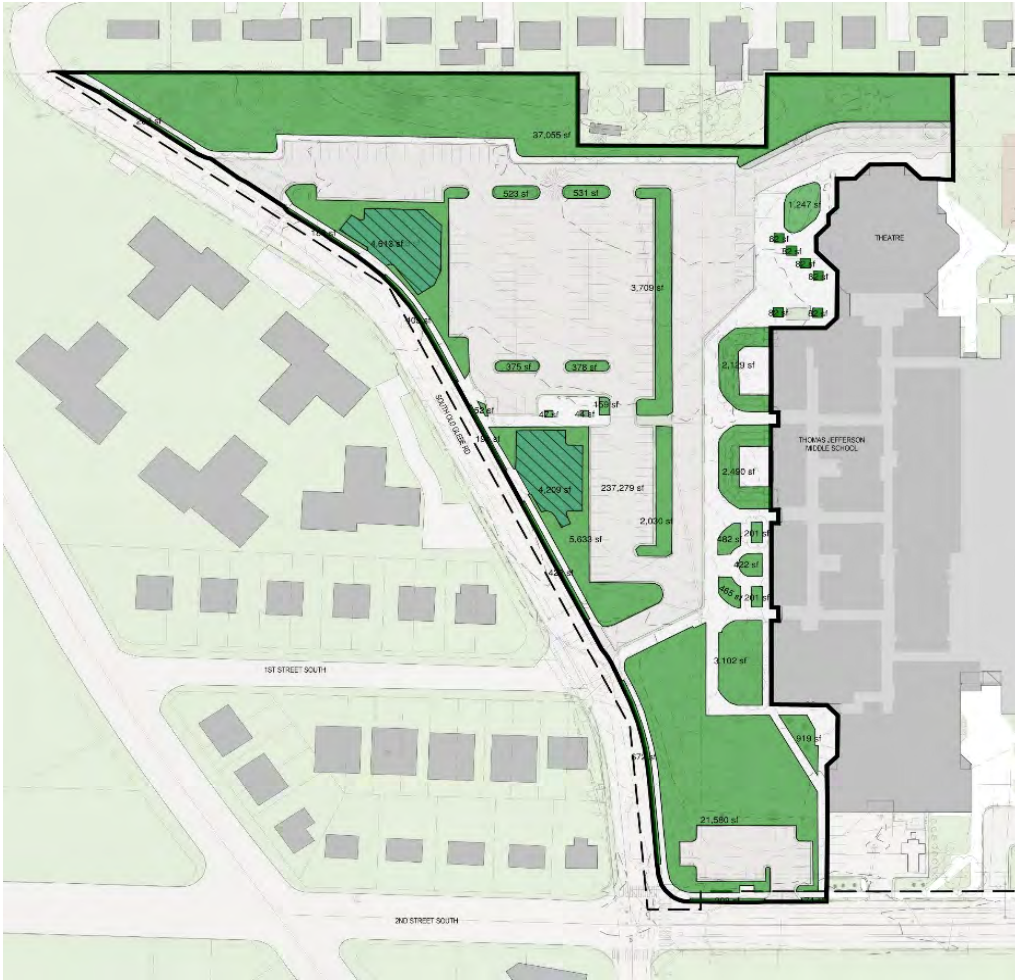
## Proposed Condition



34.3% pervious  
8.8% semi  
56.9% impervious



## Existing Condition



38.6% pervious  
3.7% semi  
57.7% impervious

## Proposed Condition



34.3% pervious  
8.8% semi  
56.9% impervious

# CALCULATIONS

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

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

- 157:** Trees scheduled for demolition
- 187:** Replacement trees required
  
- 29:** Trees required along streetscape
- 158:** Trees throughout rest of site
- 187**
  
- 246:** Total tree replacements being installed
- 59 more than required**
- 89 more than exist**



Existing condition



Final Design







Along SOG



North of theater

**GEOTHERMAL WELL FIELD**

Two-thirds of the south soccer field's length has a well field below it. Prior to building the soccer field, 70 wells were drilled 500 feet into the earth. These wells are spaced 20 feet apart and contain a closed-loop pipe for moving water through earth. The water is always contained within the pipe, but in the process of circulating through the 70,000 linear feet of underground piping, heat is transferred between the water and the earth through the pipe's walls.

When it's cold outside, Discovery's heat pumps take heat from the water and use it to warm the school's inside air. The water is now cooler and it is sent back to the earth to be warmed up. When it's hot outside, the heat pumps pull heat from the school and discharge it into the water. The water is now warmer and it is sent back to the earth to be cooled down.

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.

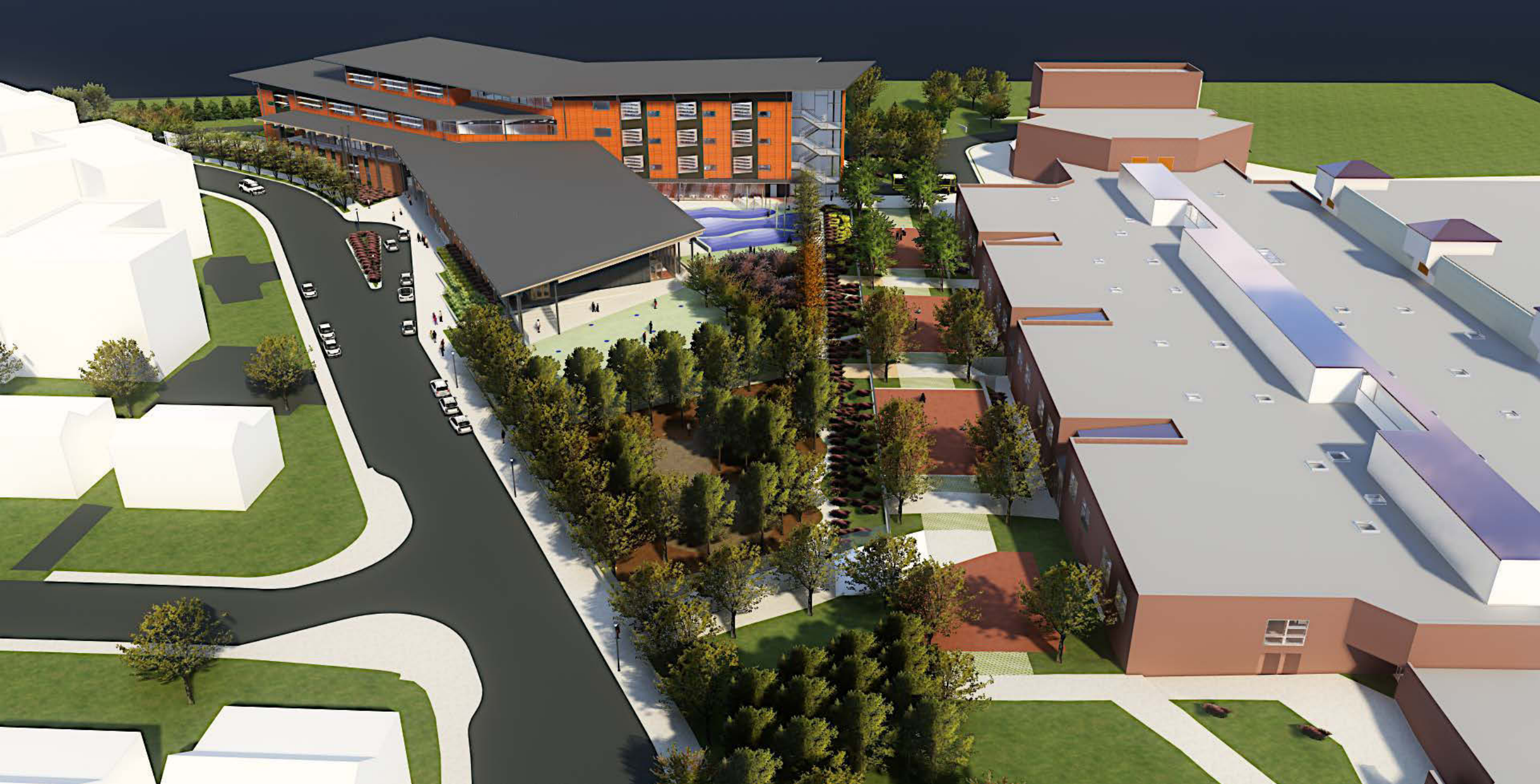
This is one of the largest energy saving aspects of the project. This also prevents the need for noisy exterior cooling towers, which often draw complaints in the summer

Example of construction signage





















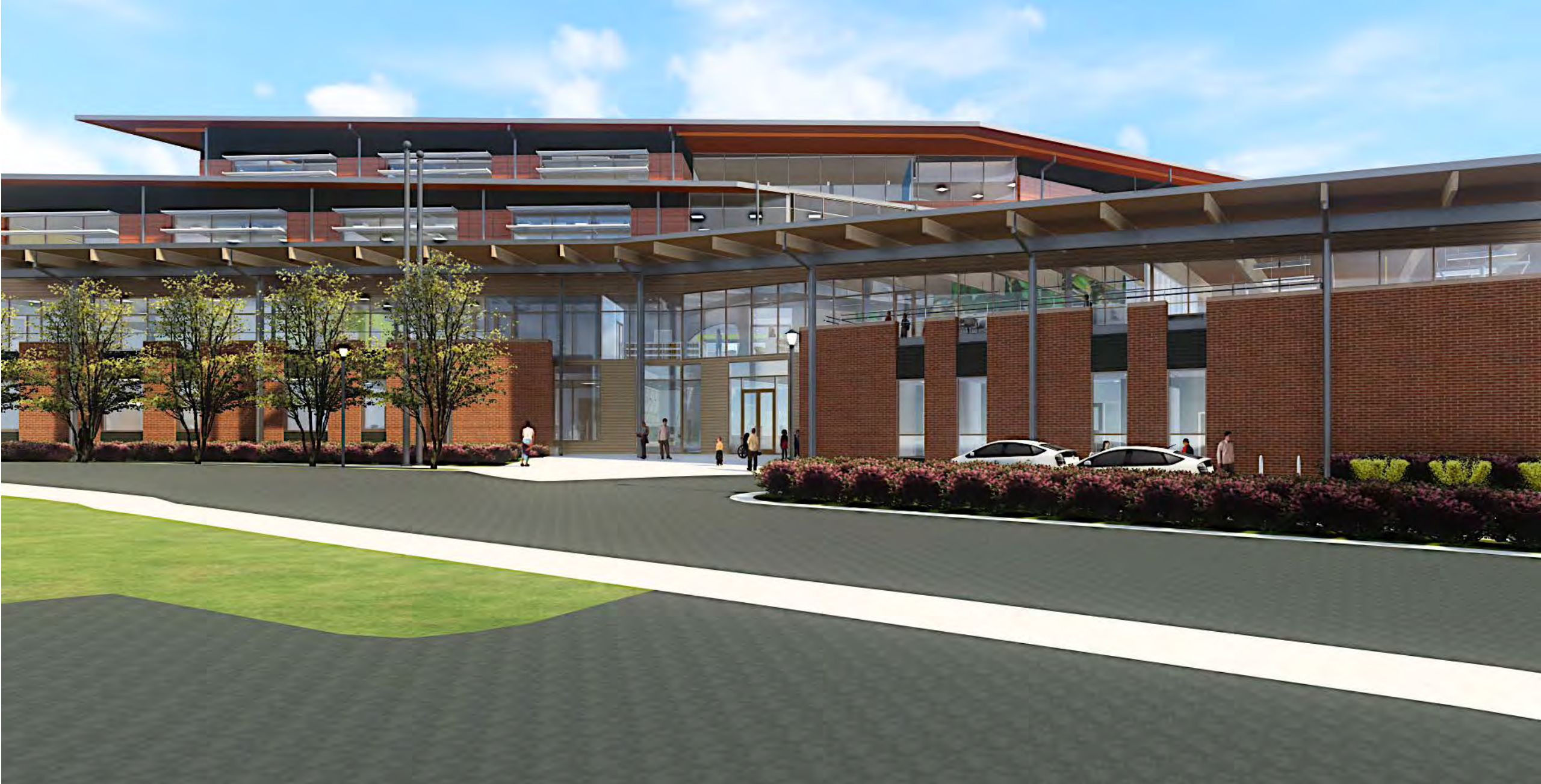
































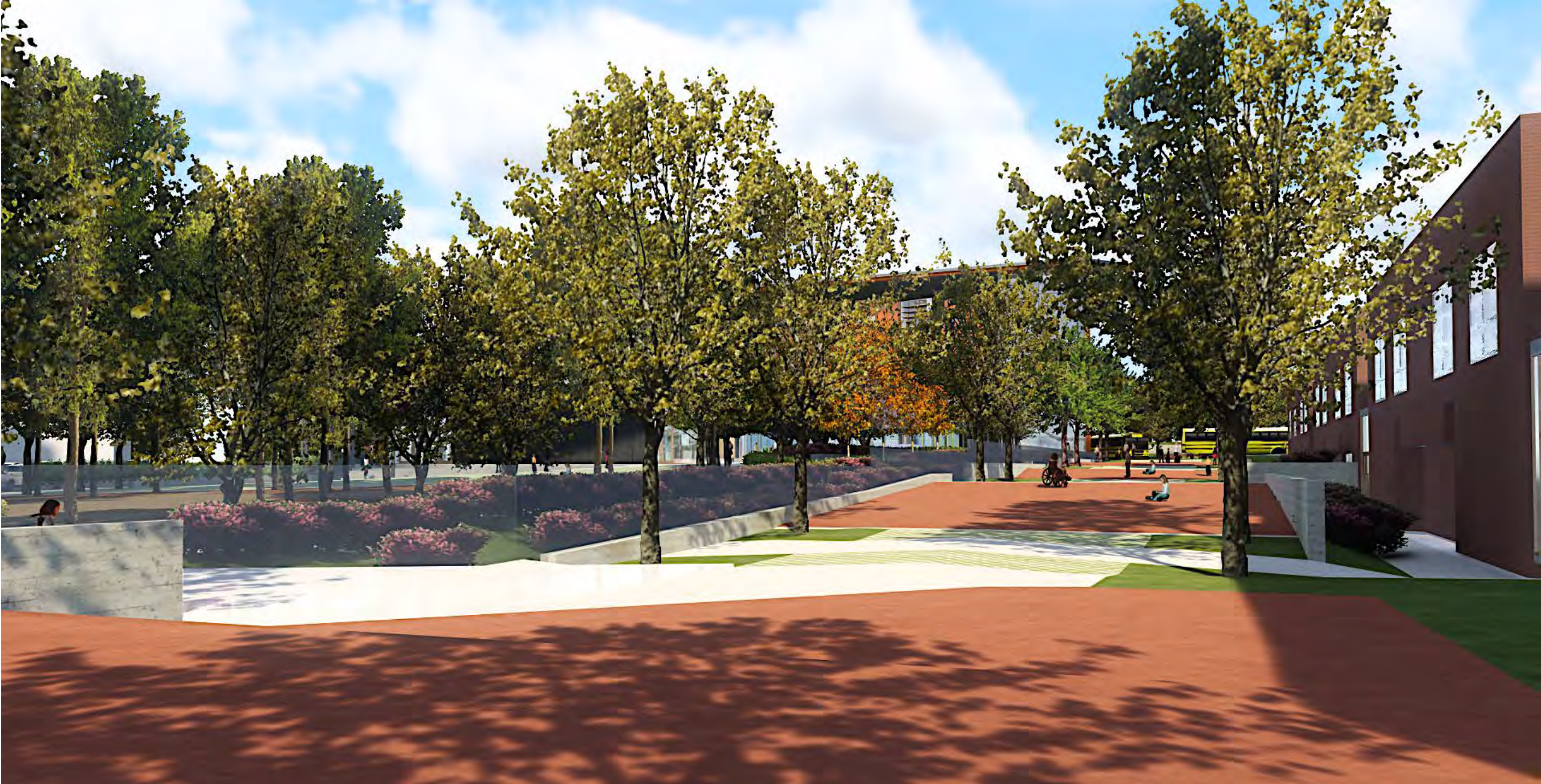












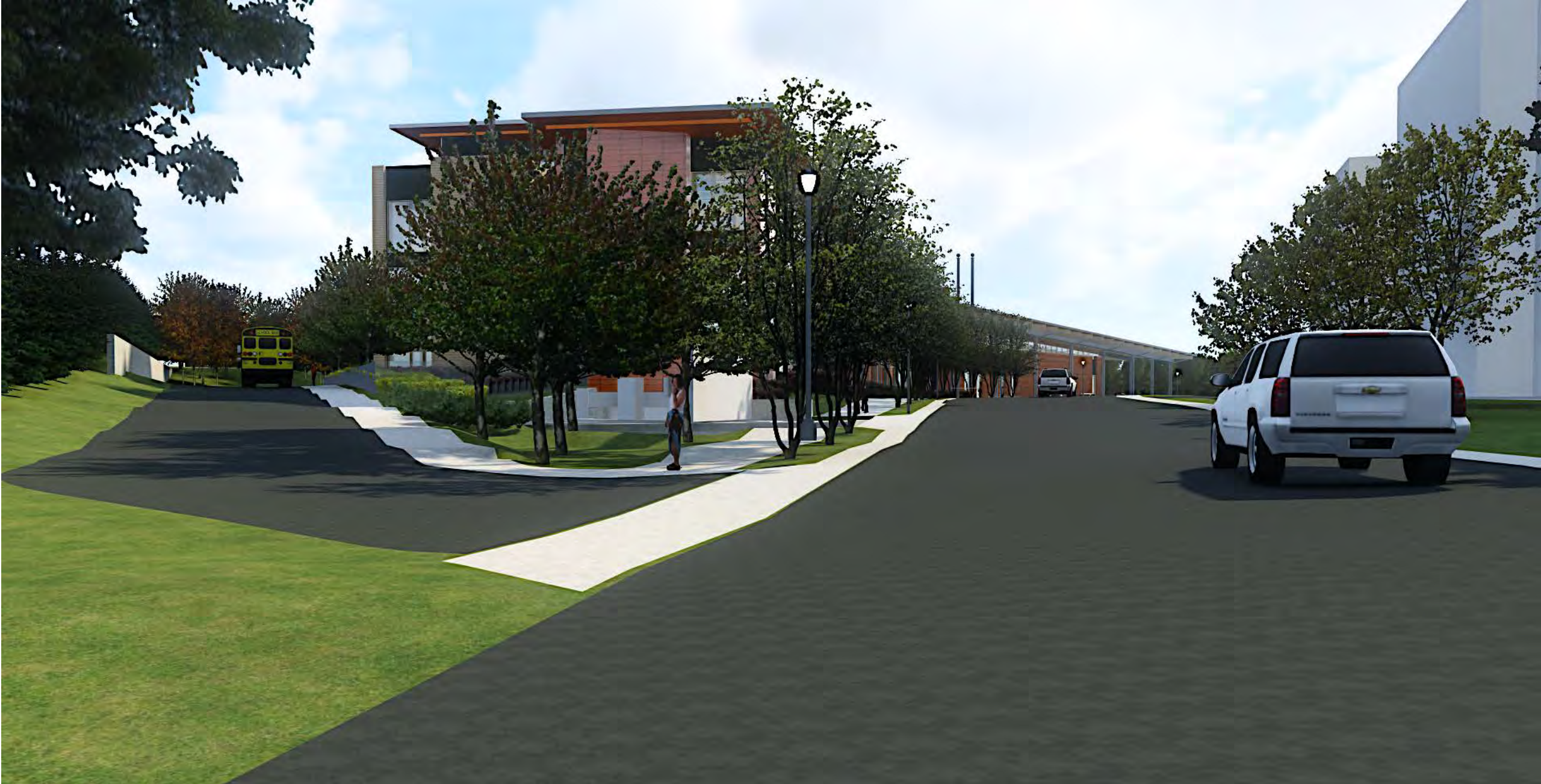






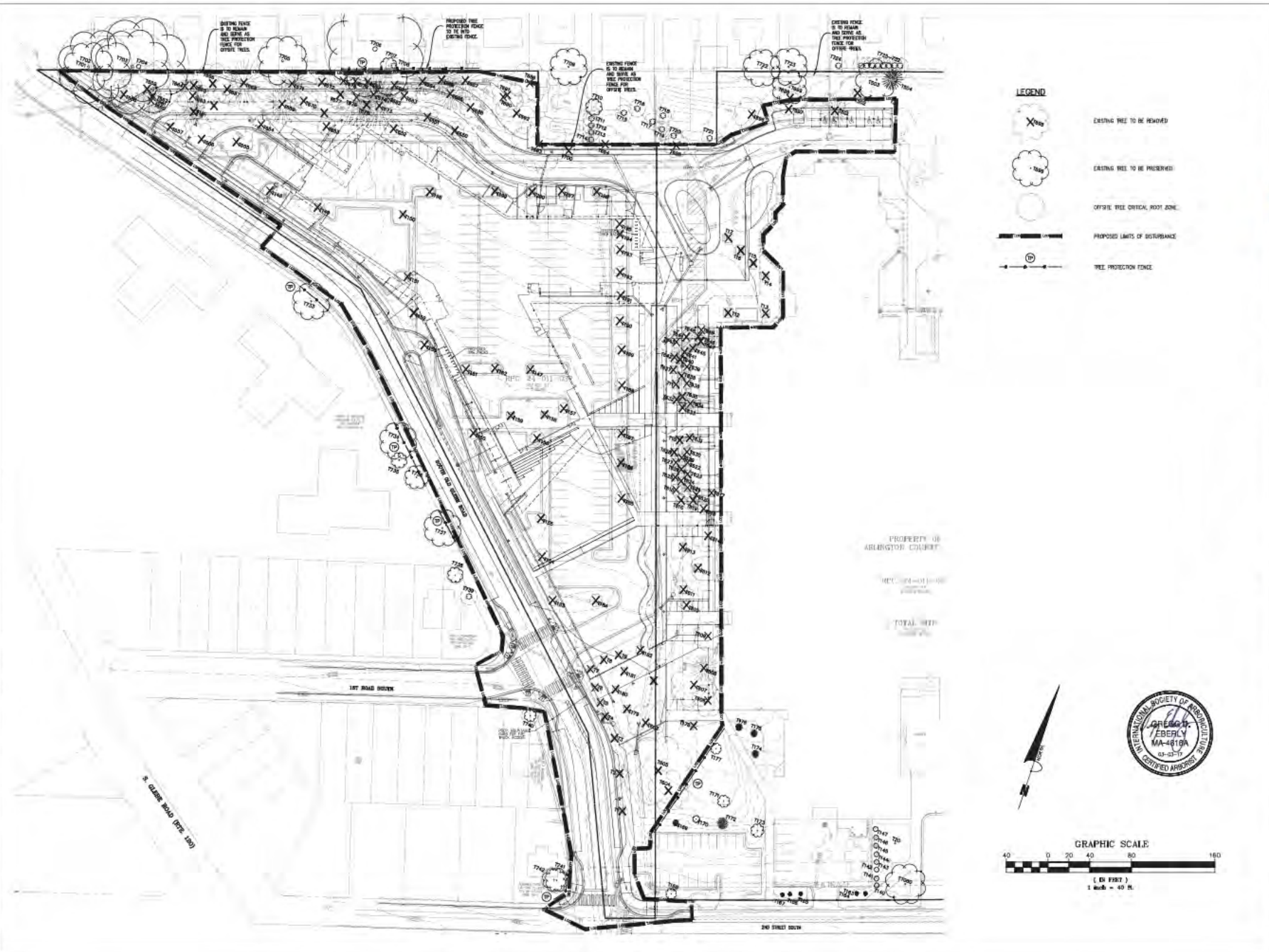








CdR 14, Rev. 03-18-2011 - 2021 New Elementary School 2, 1301--2, 1302 (R2) - Attachment E3(Proposed)SiteInventory Data(Site, Form 1), 03/16/2011-03-20-11,12 TREE INVENTORY.dwg



**LEGEND**

-  EXISTING TREE TO BE REMOVED
-  EXISTING TREE TO BE PRESERVED
-  OFFICE TREE CRITICAL ROOT ZONE
-  PROPOSED LIMITS OF DISTURBANCE
-  TREE PROTECTION FENCE

# VMDO

**Bowman CONSULTING**

BOWMAN CONSULTING GROUP  
1402 THUNDERBOLT PL.  
SUITE 200  
CHANTILLY, VA 20151  
P 703.494.1000 F 703.494.1370  
www.bowmanconsulting.com



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

125 SOUTH OLD GLEBE ROAD  
ARLINGTON, VA 22204



Checked By **MSD**  
Drawn By **MSQ**

NOT FOR CONSTRUCTION

ISSUES AND REVISIONS

NO.	SUBMITAL	DATE
	USE PERMIT SUBMISSION	11.02.2017
	USE PERMIT REVISION	03.08.2017



USE PERMIT

Date: **11.02.2017**  
Scale: **1" = 40'**

**TREE INVENTORY PLAN**  
**T1.00**



TREE INVENTORY

Thomas Jefferson Middle School
Date of site visit: January 14, 2011
Certified Arborist: Gregg D. Beery (MA-46164)

Table with columns: Tag #, Botanic Name, Common Name, Caliper (DBH), Condition Rating, Species Rating, Total Rating, Replacement Status, Preservation Status. Lists trees 1-161.

Table with columns: Tag #, Botanic Name, Common Name, Caliper (DBH), Condition Rating, Species Rating, Total Rating, Replacement Status, Preservation Status. Lists trees 162-312.

OFFSITE TREE INVENTORY

Thomas Jefferson Middle School
Date of site visit: February 09, 2011
Certified Arborist: Gregg D. Beery (MA-46164)

Table with columns: Tag #, Botanic Name, Common Name, Caliper (DBH), Condition Rating, Species Rating, Total Rating, Replacement Status, Preservation Status. Lists trees 1-100.

NOTES:
1. Condition Rating based on formula provided by the State for Plant Appraisals published by the DA.
2. Species Rating based on formula provided by the State for Plant Appraisals published by the DA.
3. All trees with a minimum D/BH value in parenthesis and a star.
4. Trees 1-100 D/BH are automatically replaced at a value of one for one.
5. Offsite tree locations are shown as placed in the field and may not have been surveyed.

TOTAL TREE REPLACEMENTS: 0



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

135 SOUTH OLD GLEBE ROAD
ARLINGTON, VA 22204



Checked By: MSD
Drawn By: MSQ

NOT FOR CONSTRUCTION

ISSUES AND REVISIONS
NO. / SUBMITAL DATE
USE PERMIT SUBMISSION DATE
USE PERMIT SUBMISSION DATE



USE PERMIT

Date: 03-06-2011

Scale: N/A

TREE INVENTORY

T2.00

File Name: L:\2011 - 2012 Tree Inventory\2011 Tree Inventory - 03-06-2011 - 11:00 AM - 03-06-2011 - 11:00 AM - 03-06-2011 - 11:00 AM



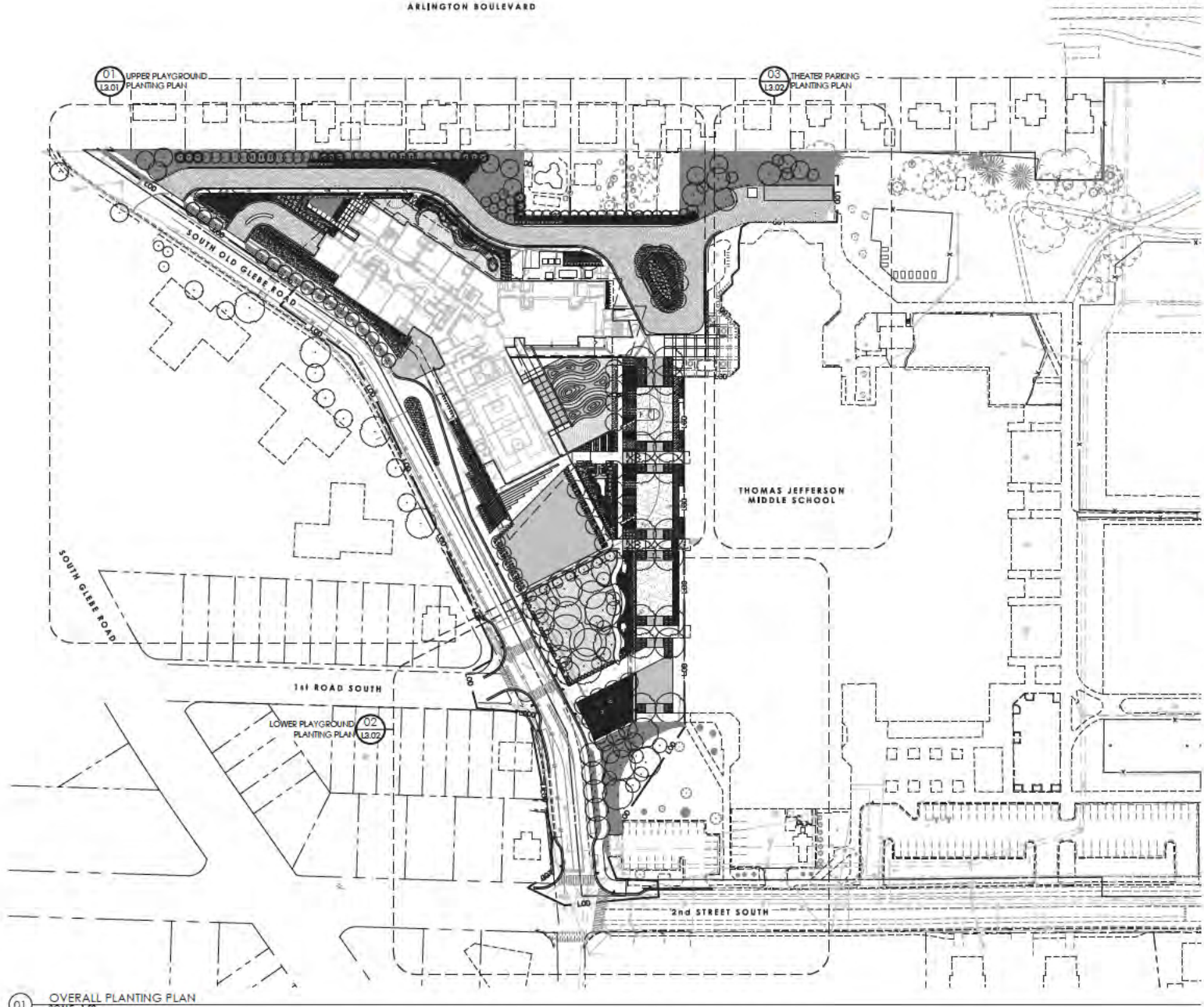
**DRAWING NOT FOR  
CONSTRUCTION**



ISSUES AND REVISIONS		DATE
NO	SUBMITTAL	11.30.2019
	USE PERMIT SUBMISSION	03.02.2017
	USE PERMIT REVISION	

OVERALL PLANTING PLAN

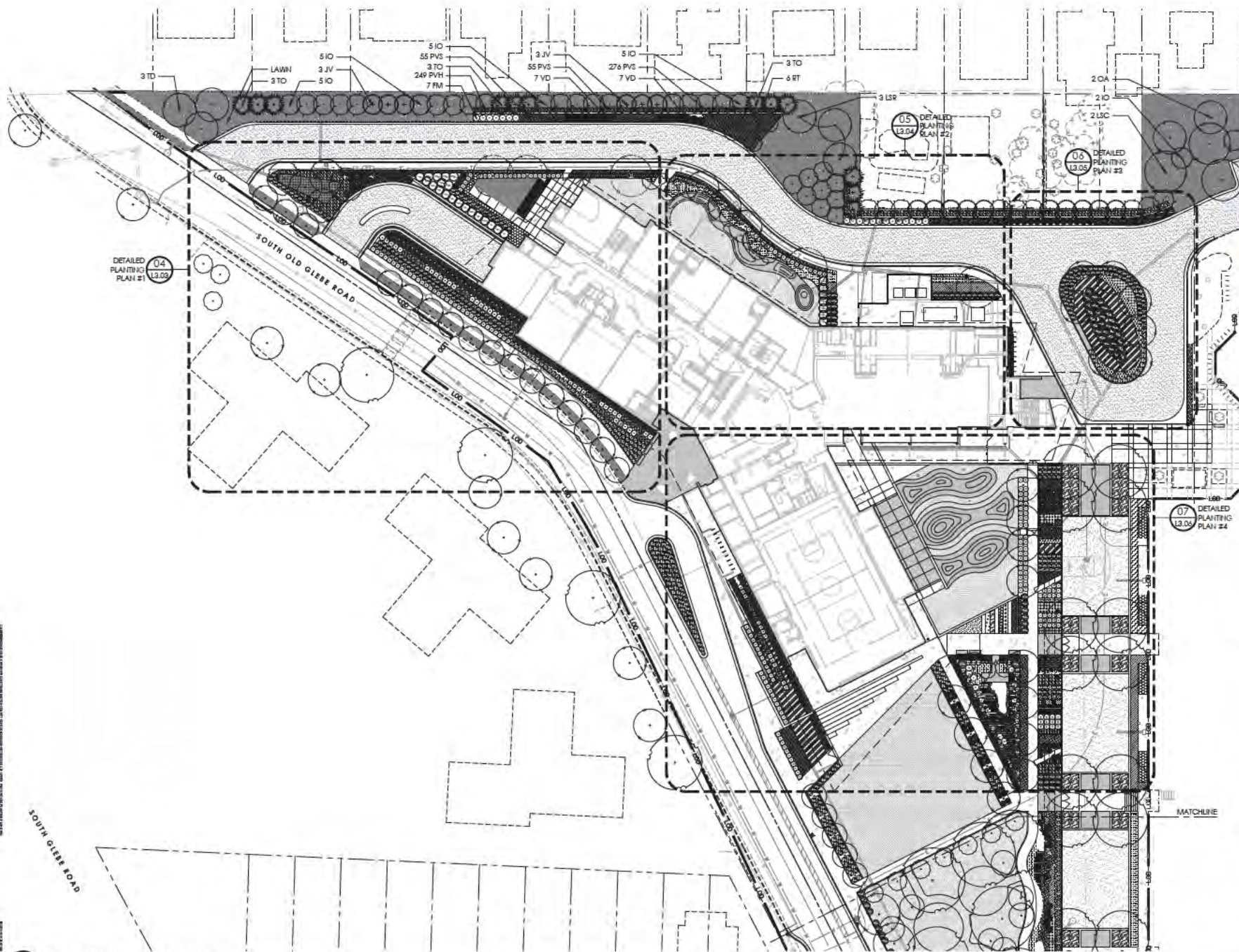
**L3.00**



01 OVERALL PLANTING PLAN  
SCALE: 1/32

DATE PLOTTED: 11/30/2019 11:30:29 AM





**VMDO**

LANDSCAPE ARCHITECTURE  
PLANNING & DESIGN

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and planning services • Chesapeake, VA



ARLINGTON PUBLIC SCHOOLS

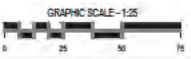
**NEW ELEMENTARY SCHOOL**

125 South Old Glebe Rd  
Arlington, VA 22204

Client Project Number: 60FY16  
VMDO Project Number: 1152

Checked by: T. Schaeferberger  
Drawn by: P. Price

**DRAWING NOT FOR CONSTRUCTION**



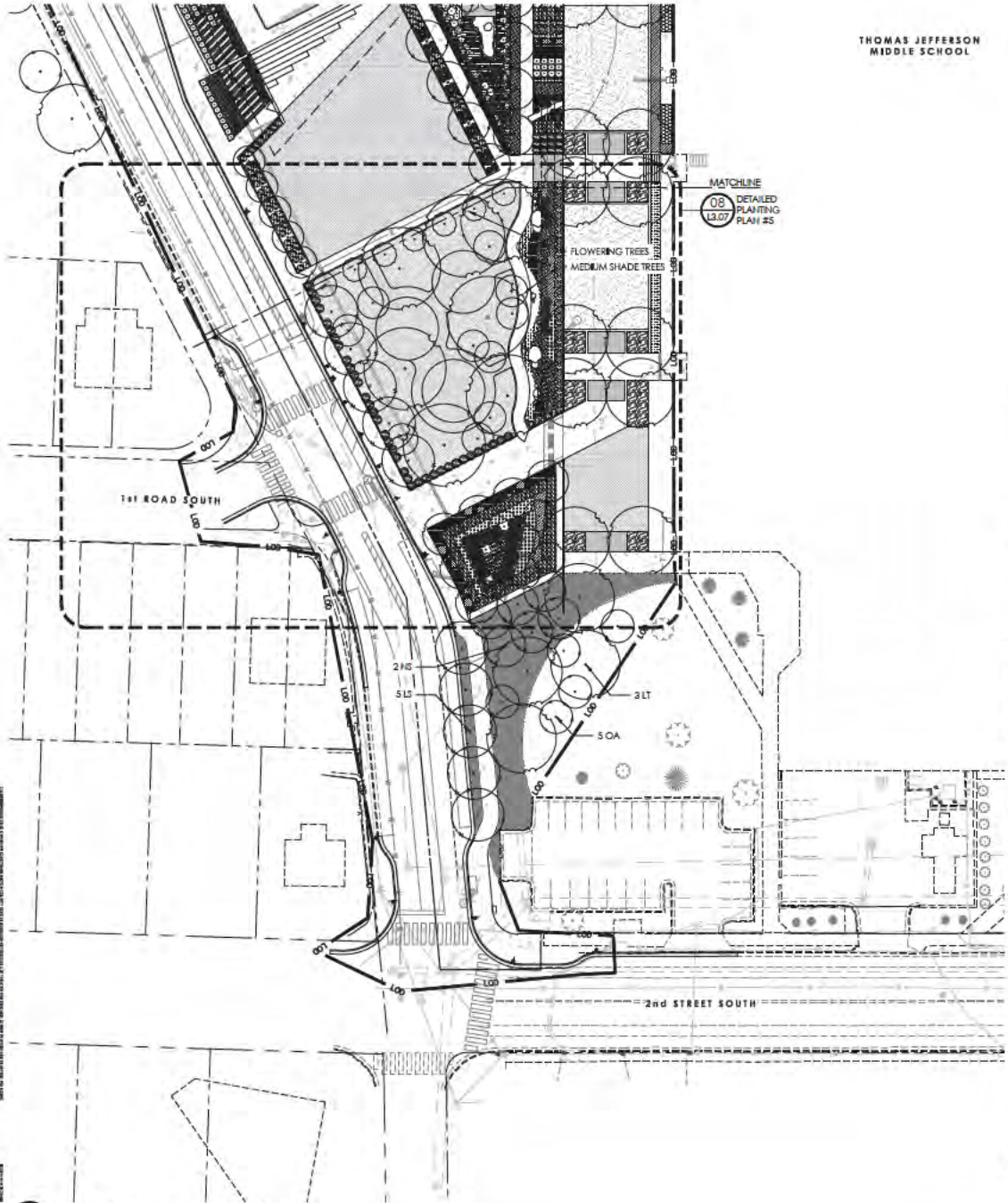
ISSUES AND REVISIONS	DATE
NO SUBMITTAL	11.30.2019
LINE PERMIT SUBMISSION	03.02.2017
LINE PERMIT REVISION	

**UPPER PLAYGROUND PLANTING PLAN**

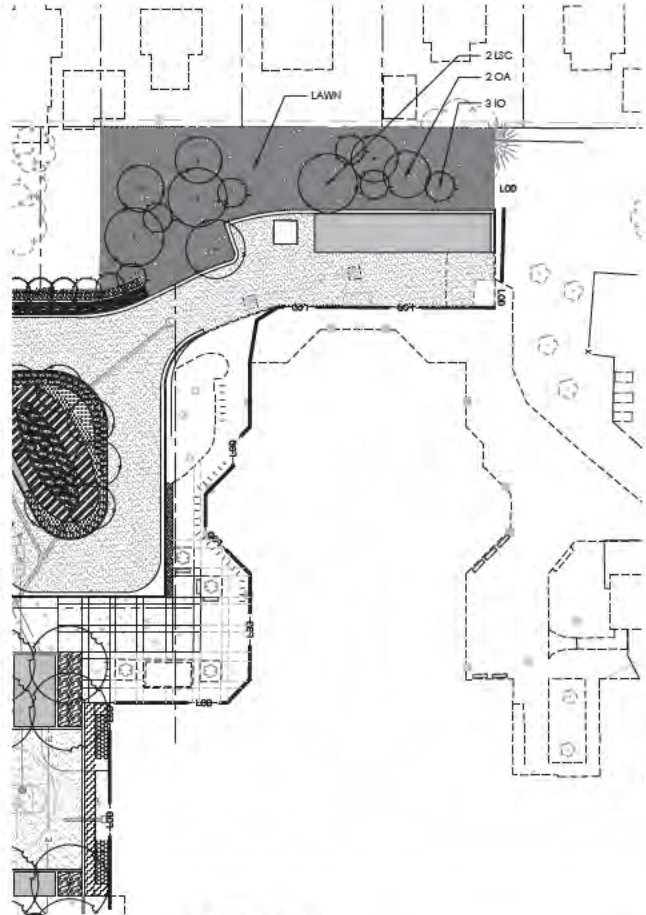
**L3.01**

01 UPPER PLAYGROUND PLANTING PLAN  
L3.00 SCALE: 1:25



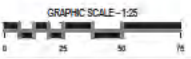


02 LOWER PLAYGROUND PLANTING PLAN  
SCALE: 1:25



03 THEATER PARKING PLANTING PLAN  
SCALE: 1:25

DRAWING NOT FOR CONSTRUCTION



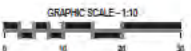
ISSUES AND REVISIONS

NO.	SUBMITTAL	DATE
1	USE PERMITS SUBMISSION	11.30.2019
2	USE PERMITS SUBMISSION	03.02.2017

THEATER PARKING AND LOWER PLAYGROUND PLANTING PLAN



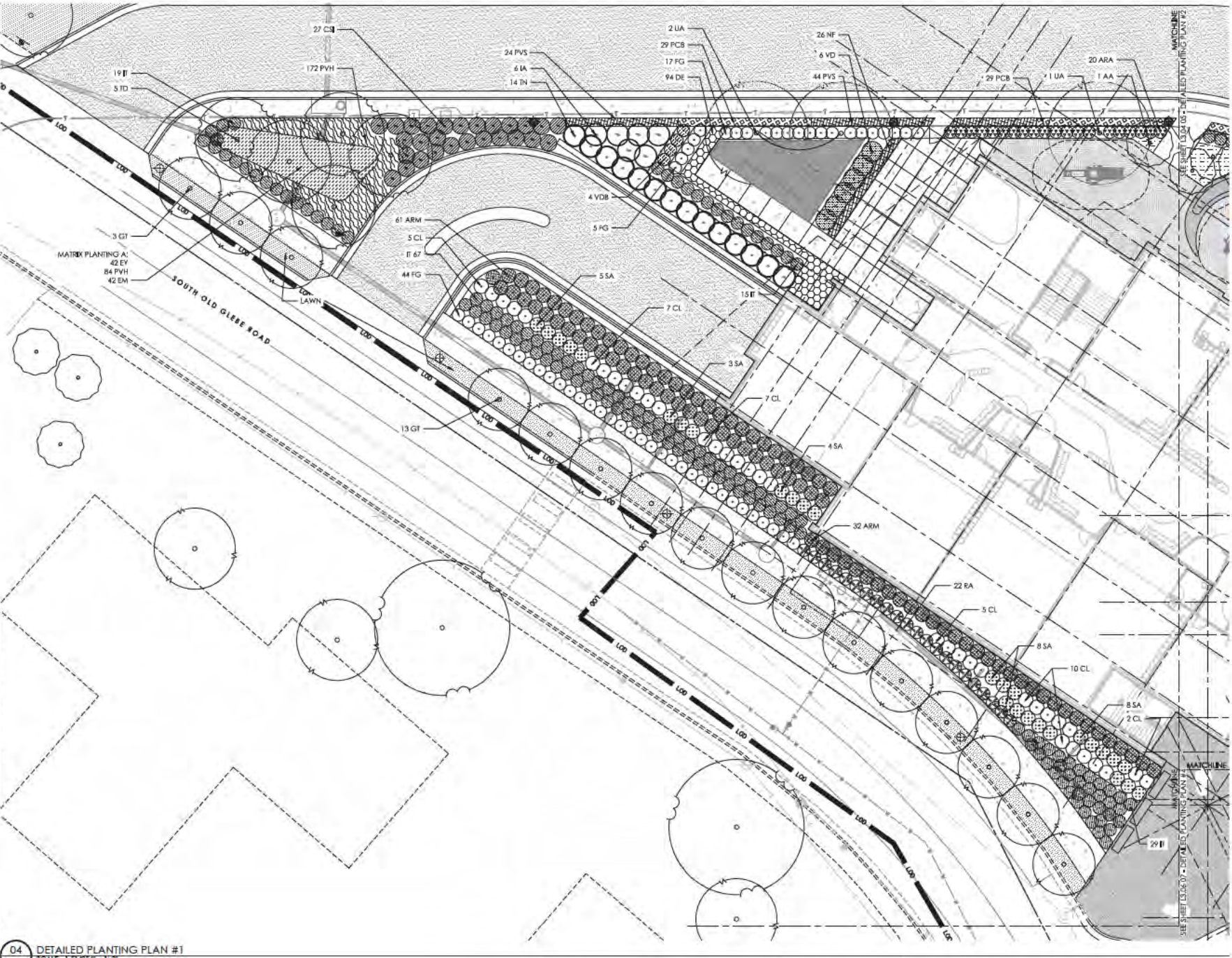
**DRAWING NOT FOR CONSTRUCTION**



ISSUES AND REVISIONS	DATE
NO SUBMITTAL	
LINE PRIMARY REVISION	JUL 2017

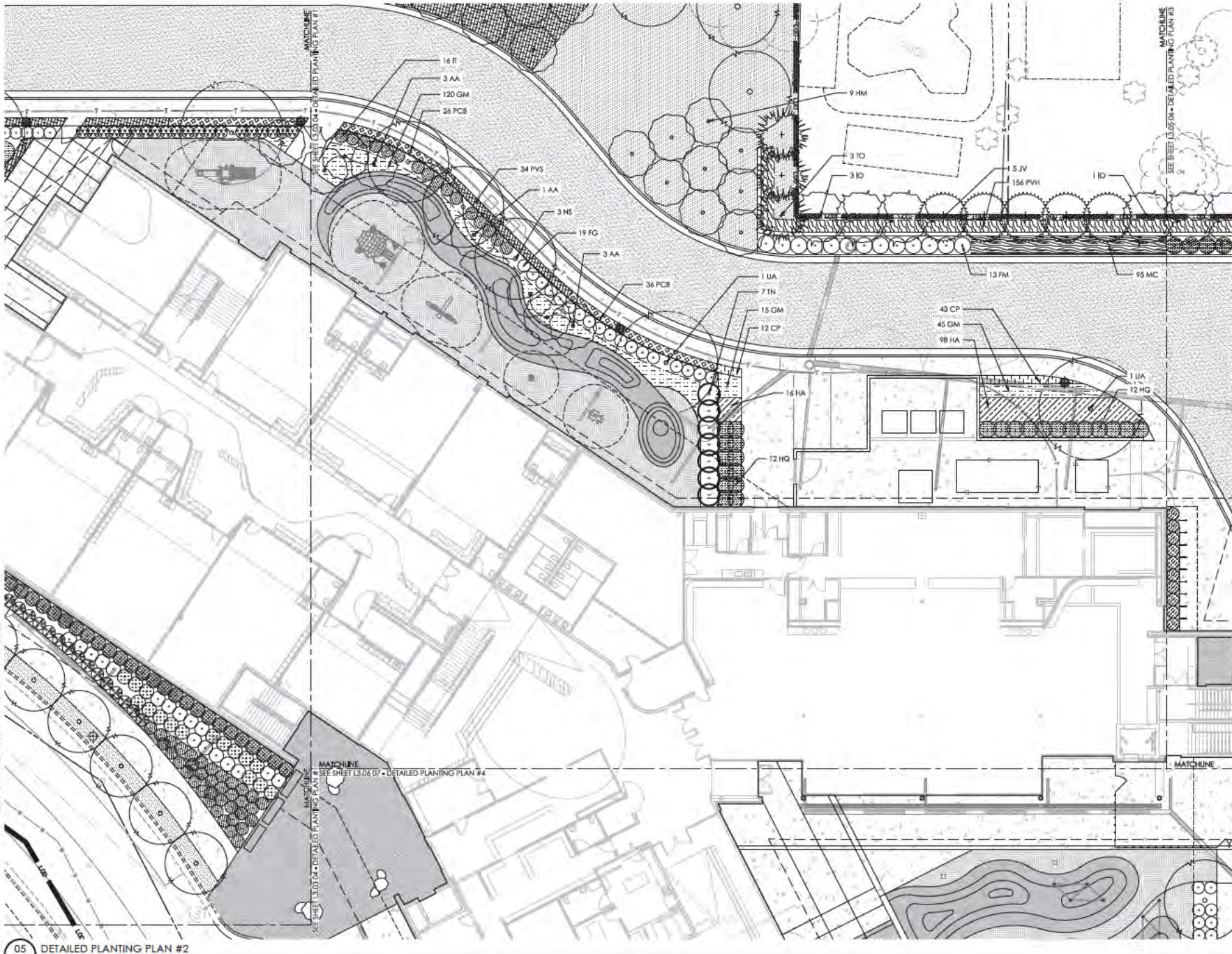
**DETAILED PLANTING PLAN #1**

**L3.03**



**04** DETAILED PLANTING PLAN #1  
L3.03 SCALE: 1/31/250' = 1'-0"





**VMDO**

401 E. BROAD STREET  
ARLINGTON, VA 22204  
703.555.8881

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and planning services • 2000 north 19 street



ARLINGTON PUBLIC SCHOOLS

**NEW ELEMENTARY SCHOOL**

125 South Old Gate Rd  
Arlington, VA 22204

Client Project Number: 60F16  
VMDO Project Number: 1152

Checked by: T. Schaefer  
Drawn by: P. Price

**DRAWING NOT FOR CONSTRUCTION**



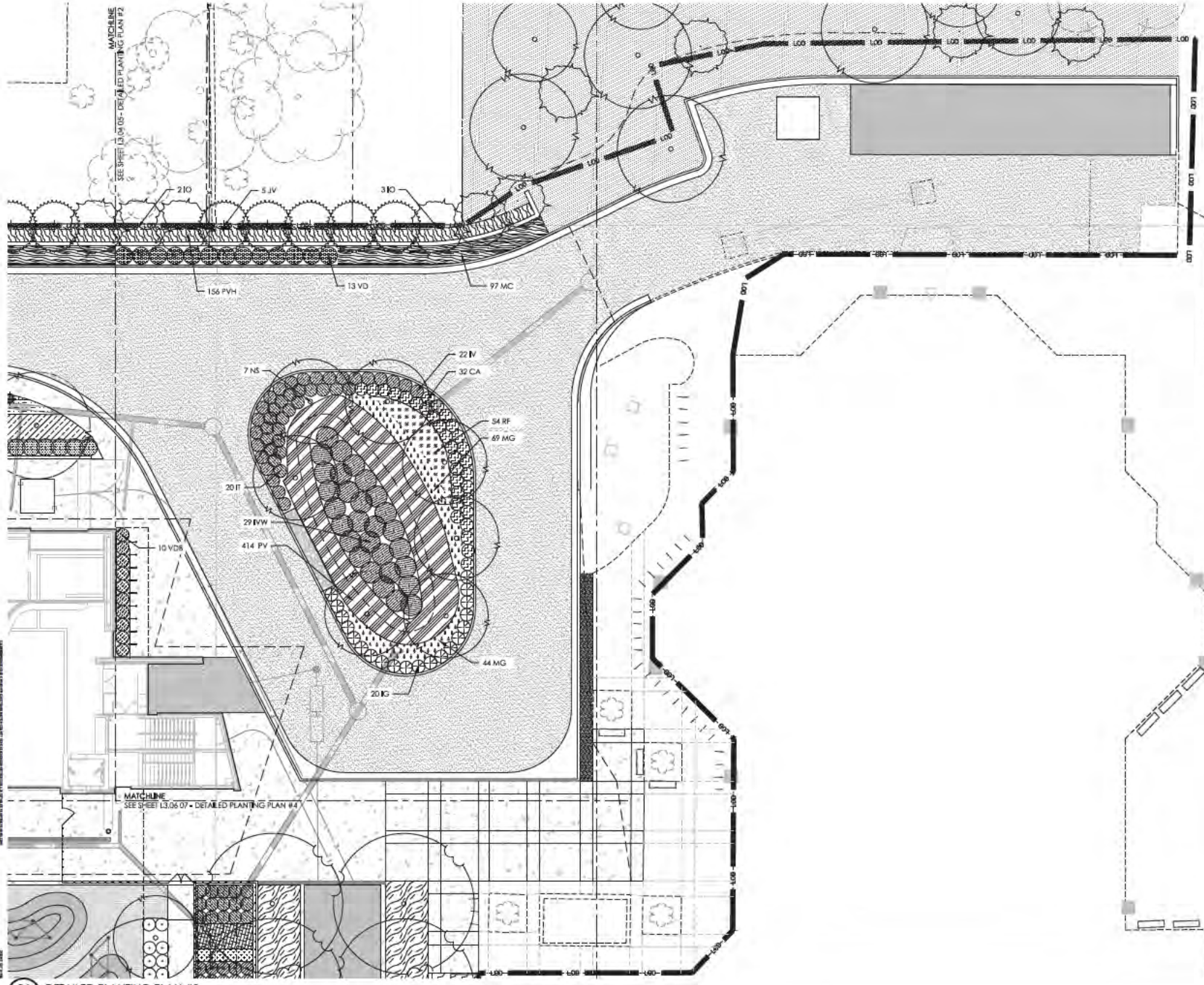
ISSUES AND REVISIONS		DATE
NO.	SUBMITTAL	
	LINE PERMIT RESUBMISSION	03.09.2017

**DETAILED PLANTING PLAN #2**

**L3.04**

05 DETAILED PLANTING PLAN #2  
L3.00 SCALE: 1:10





**VMDO**

LANDSCAPE ARCHITECTURE  
 1000 COMMONWEALTH BLVD., SUITE 200  
 ARLINGTON, VA 22204

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 ARLINGTON, VA 22204



ARLINGTON PUBLIC SCHOOLS

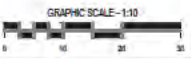
**NEW ELEMENTARY SCHOOL**

125 South Old Gate Rd  
 Arlington, VA 22204

Client Project Number: 60F116  
 VMDO Project Number: 1152

Checked by: T. Shalenderger  
 Drawn by: P. Price

**DRAWING NOT FOR CONSTRUCTION**



ISSUES AND REVISIONS	DATE
NO SUBMITTAL	
USE PRIMARY REVISION	08.08.2011

**DETAILED PLANTING PLAN #3**

**L3.05**

06 DETAILED PLANTING PLAN #3  
 L3.05 SCALE: 1:10



MATCHLINE  
SEE SHEET L3.04.05 - DETAILED PLANTING PLAN #2

MATCHLINE  
SEE SHEET L3.05.06 - DETAILED PLANTING PLAN #3

**VMDO**

LANDSCAPE ARCHITECTURE  
PLANNING & DESIGN  
10000 WOODBRIDGE BLVD  
ARLINGTON, VA 22204

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AND PLANNING SERVICES • OPEN SPACE DESIGN



ARLINGTON PUBLIC SCHOOLS

**NEW ELEMENTARY SCHOOL**

125 South Old Gate Rd  
Arlington, VA 22204

Client Project Number  
VMDO Project Number

60F16  
1152

Checked by  
Drawn by

T. Stallenberg  
P. Price

**DRAWING NOT FOR CONSTRUCTION**



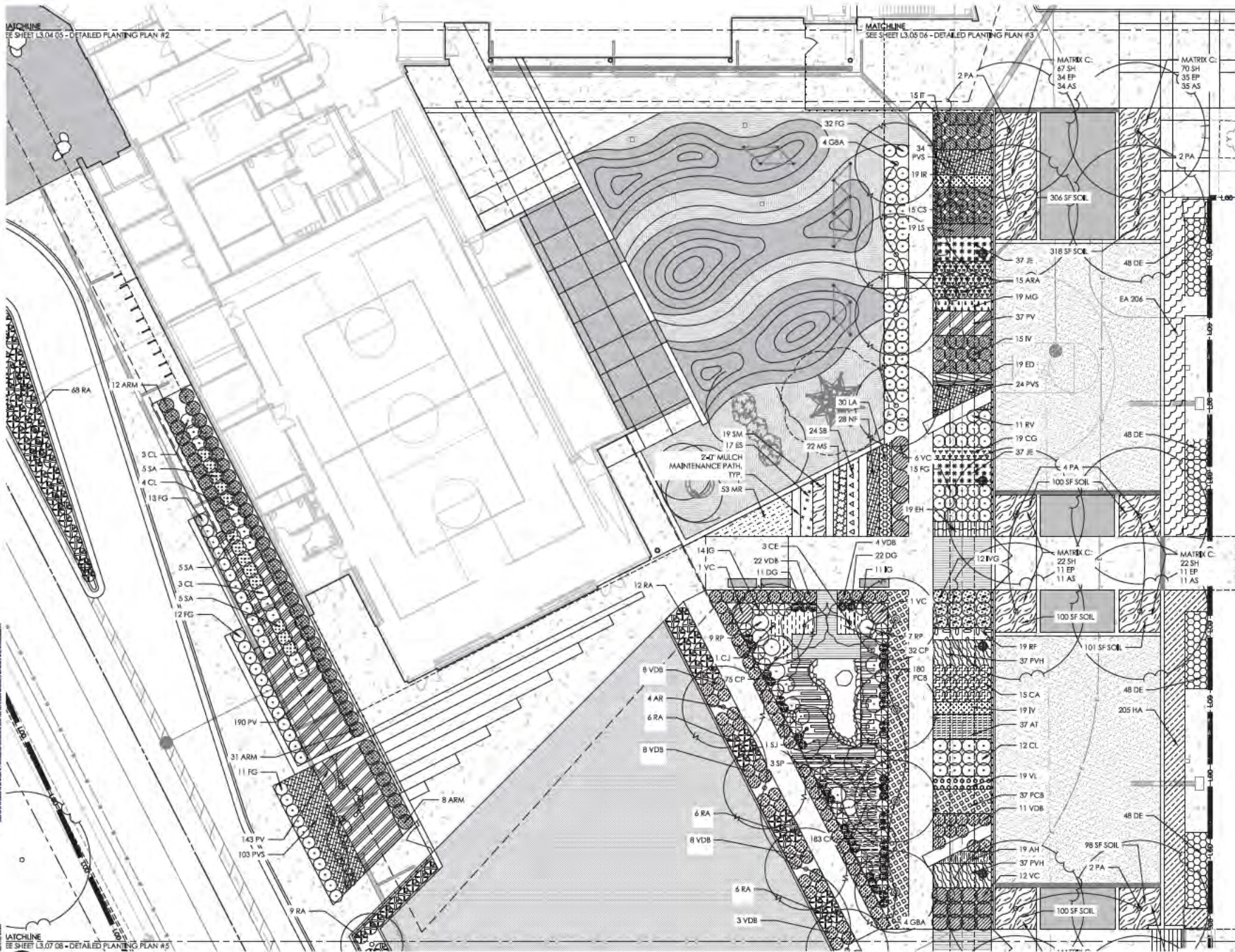
ISSUES AND REVISIONS  
NO. SUBMITTAL  
DATE

**DETAILED PLANTING PLAN #4**

**L3.06**

MATCHLINE  
SEE SHEET L3.07.06 - DETAILED PLANTING PLAN #5

**07 DETAILED PLANTING PLAN #4**  
L3.06  
SCALE: 1/31/250' = 1"=0'





DRAWING NOT FOR  
CONSTRUCTION



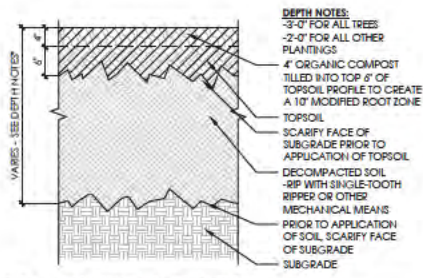
ISSUES AND REVISIONS	DATE
NO SUBMITTAL	
USE PERMIT RESUBMISSION	03.09.2017

DETAILED PLANTING PLAN  
#5

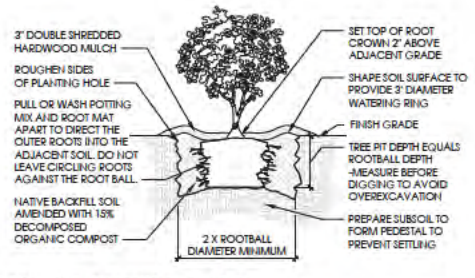
L3.07



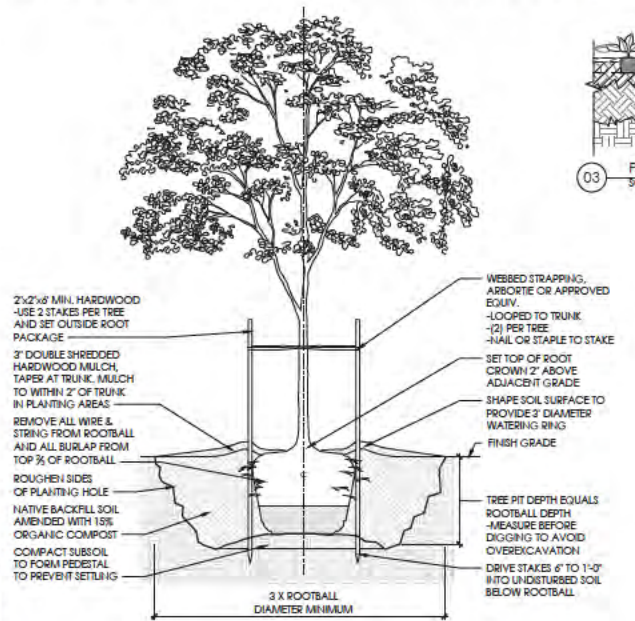




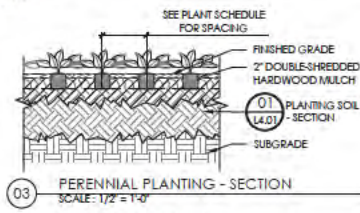
01 PLANTING SOIL - SECTION  
SCALE: 1" = 1'-0"



02 SHRUB PLANTING - SECTION  
SCALE: 1/2" = 1'-0"



04 TREE PLANTING - SECTION  
SCALE: 1/2" = 1'-0"



03 PERENNIAL PLANTING - SECTION  
SCALE: 1/2" = 1'-0"

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:  
1001 LINEAR FEET  
STREET TREES REQUIRED:  
29 STREET TREES REQUIRED  
STREET TREES PROVIDED:  
30 STREET TREES PROVIDED

14.2.2.B.3 - LANDSCAPE AREA

REQUIREMENT:  
25% OF LANDSCAPE AREA COVERED BY SHRUB SPREAD AT MAJORITY  
SITE DATA:  
LANDSCAPE AREA WITHIN LIMITS OF DISTURBANCE:  
55483 SQUARE FEET  
1004 S.F. - LAWN  
1311 S.F. - BIKERENTRICH  
1690 S.F. - PLANTING BEDS  
LANDSCAPE AREA REQUIRED:  
13371 SQUARE FEET  
LANDSCAPE AREA PROVIDED:  
32417 SQUARE FEET

OPK ADMINISTRATIVE REGULATION 4.3 - TREE REPLACEMENT

REQUIREMENT:  
REPLACE TREES SLATED FOR REMOVAL (SEE CIVIL SHEET 11.00 & 12.00)  
REPLACEMENT TREES REQUIRED:  
167 TREE REPLACEMENTS REQUIRED  
REPLACEMENT TREES PROVIDED:  
266 TREE REPLACEMENTS PROVIDED

QTY	SYMBOL	Scientific Name	Common Name	Size	Spacing	Root	Notes	Canopy
4	AR	Acer Rubrum 'October Glory'	Red Maple	3 1/2" Cal.	AS SHOWN	8.6'		
5	AF	Acer x freemanii 'Armstrong'	Armstrong Maple	3 1/2" Cal.	AS SHOWN	8.6'		
15	AA	Amelanchier x grandiflora 'Autumn Brilliance'	Serviceberry	7-8" H.	AS SHOWN	8.6'		
1	CC	Cornus canadensis	Michxeliawood	7-8" H.	AS SHOWN	8.6'		
8	CE	Cornus canadensis	Red Bud	7-8" H.	AS SHOWN	8.6'		
5	CP	Cornus Florida 'Appalachian Spring'	Flowering Dogwood	7-8" H.	AS SHOWN	8.6'		
1	CJ	Carolinaphyllum japonicum	Katara Tree	2" Cal.	AS SHOWN	8.6'		
6	CBA	Ginkgo biloba 'Autumn Gold'	Maidenhair Tree	2" Cal.	AS SHOWN	8.6'		
16	GT	Gleditsia triacanthos f. inermis	Thornless Honey Locust	1 1/2" Cal.	AS SHOWN	8.6'		
4	HA	Hesperis matronalis	Winterhazel	1-8" H.	AS SHOWN	8.6'		
5	IA	Ilex coccinea 'Foster'	False Holly	6-7" H.	AS SHOWN	8.6'		
4	IO	Ilex opaca	American Holly	6-7" H.	AS SHOWN	8.6'		
16	IV	Juniperus virginiana	Eastern Red Cedar	6-7" H.	AS SHOWN	8.6'		
14	LSC	Liquidambar styraciflua 'Cherokee'	Swallowtail	3 1/2" Cal.	AS SHOWN	8.6'		
3	LSP	Liquidambar styraciflua 'Rotundiloba'	Swallowtail	3 1/2" Cal.	AS SHOWN	8.6'		
4	LT	Liriodendron tulipifera	Tulip Tree	2 1/2" Cal.	AS SHOWN	8.6'		
16	MS	Myrica pyramidalis	Black Sphern	2" Cal.	AS SHOWN	8.6'		
9	OA	Ostrya virginiana	Shoebud	2" Cal.	AS SHOWN	8.6'		
2	OV	Ostrya virginiana	Eastern Hop Hornbeam	1-8" H.	AS SHOWN	8.6'		
18	PA	Platanus x acerifolia	London Planetree	3 1/2" Cal.	AS SHOWN	8.6'		
1	QB	Quercus alba	White Oak	3 1/2" Cal.	AS SHOWN	8.6'		
7	QB	Quercus bicolor	Sweep-White Oak	3 1/2" Cal.	AS SHOWN	8.6'		
2	QC	Quercus coccinea	Scarlet Oak	3 1/2" Cal.	AS SHOWN	8.6'		
1	QI	Quercus imbricaria	Shingle Oak	3 1/2" Cal.	AS SHOWN	8.6'		
1	QP	Quercus phellos	Willow Oak	3 1/2" Cal.	AS SHOWN	8.6'		
1	QM	Quercus michauxii	Swooping Chestnut Oak	3 1/2" Cal.	AS SHOWN	8.6'		
1	QMT	Quercus montana	Chestnut Oak	3 1/2" Cal.	AS SHOWN	8.6'		
5	RY	Rhus typhina	Staghorn Sumac	3-7" H.	AS SHOWN	8.6'		
1	SI	Syringa japonica	Japanese Snowbell	2" Cal.	AS SHOWN	8.6'		
5	SP	Stewartia pseudocarruthii	Stewartia	7-8" H.	AS SHOWN	8.6'		
15	TD	Taxodium distichum	Bald Cypress	2" Cal.	AS SHOWN	8.6'		
12	TO	Thuja occidentalis	Arborvitae	6-7" H.	AS SHOWN	8.6'		
5	UA	Ulmus americana 'Vasey Forge'	American Elm	3 1/2" Cal.	AS SHOWN	8.6'		

PLANT SCHEDULE

QTY	SYMBOL	Scientific Name	Common Name	Size	Spacing	Root	Notes	Canopy
25	ARA	Artemisia arbuscula	Red Chokeberry	24" H.	36" O.C.	3 Gal.		
114	ARA	Artemisia mexicana	Black Chokeberry	24" H.	36" O.C.	3 Gal.		
6	CL	Calliopsis americana	Reynoldsberry	24" H.	36" O.C.	3 Gal.		
89	CA	Ceanothus americanus	Summerweet	24" H.	36" O.C.	3 Gal.		
15	CS	Cornus sericea 'Arctic Fire'	Redtwig Dogwood	24" H.	36" O.C.	3 Gal.		
47	CP	Cornus sericea 'Flowerman'	Yellow Twig Dogwood	24" H.	AS SHOWN	3 Gal.		
27	CSJ	Cornus sericea 'Jazz'	Yellow Twig Dogwood	24" H.	AS SHOWN	3 Gal.		
43	CG	Coreopsis grandiflora 'Venus'	Black Spire	24" H.	36" O.C.	3 Gal.		
168	FG	Fothergilla gardenii	Dwarf Witchhazel	24" H.	36" O.C.	3 Gal.		
20	FM	Fothergilla major	Witchhazel	24" H.	48" O.C.	3 Gal.		
24	HQ	Hydrangea quercifolia 'Tree Wee'	Oak Leaf Hydrangea	24" H.	36" O.C.	3 Gal.		
45	IG	Ilex glabra 'Shamrock'	Hollyberry Holly	36" H.	36" O.C.	3 Gal.		
189	IT	Itea virginica 'Henry's Garnet'	Virginia Sweetgum	36" H.	36" O.C.	3 Gal.		
37	IT	Itea virginica 'Red Spire'	Dwarf Winterberry Holly	36" H.	36" O.C.	3 Gal.		
29	IWW	Ilex verticillata 'Winter Red'	Winterberry Holly	24" H.	AS SHOWN	3 Gal.		
33	IVG	Ilex verticillata 'Winter Gold'	Winterberry Holly	24" H.	AS SHOWN	3 Gal.		
16	RP	Rhododendron periclymenoides	Pinelakeum	24" H.	AS SHOWN	3 Gal.		
11	RV	Rhododendron viticolum	Sweetgum Azalea	24" H.	AS SHOWN	3 Gal.		
163	RA	Rhus aromatica 'Crisp Leaf'	Flagrant Sumac	34" H.	36" O.C.	3 Gal.		
34	SM	Syringa meyeri 'Robinsoniana'	Shawnee	24" H.	36" O.C.	3 Gal.		
21	TN	Thuja occidentalis 'Nigra'	Arborvitae	6-7" H.	AS SHOWN	8.6'		
33	VD	Viburnum dentatum	Arrowwood Viburnum	24" H.	48" O.C.	3 Gal.		
76	VDB	Viburnum dentatum 'Blue Muffin'	Arrowwood Viburnum	24" H.	36" O.C.	3 Gal.		
56	VCC	Vaccinium corymbosum	Highbush Blueberry	24" H.	AS SHOWN	3 Gal.		



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Arlington, VA 22204

Client Project Number: 60FY16  
VMDO Project Number: 1152

Checked by: T. Shaltonberger  
Drawn by: P. Price

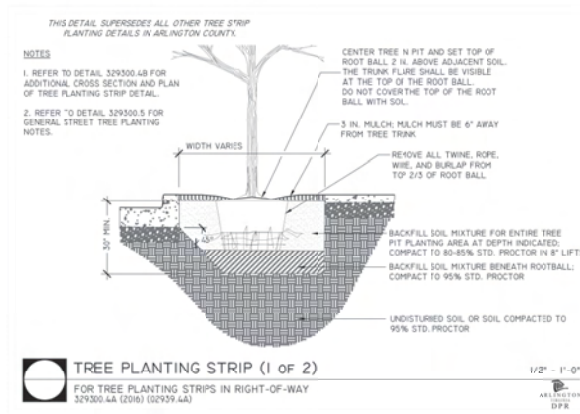
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NO.	ISSUES AND REVISIONS	DATE
NO.	SUBMITTAL	
	USE PERMIT SUBMISSION	11.30.2019
	USE PERMIT REVISIONS	08.08.2017

PLANT SCHEDULE, NOTES, DETAILS, AND CALCULATIONS

L4.01



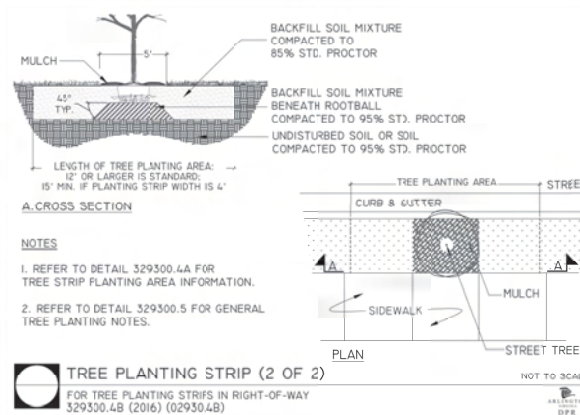


**NOTES**

- A PERMIT IS REQUIRED WHEN TREES ARE PLANTED IN PUBLIC RIGHT-OF-WAY OR IN A PUBLIC EASEMENT. THE DEPARTMENT OF ENVIRONMENTAL SERVICES SHALL ISSUE THE PERMIT ACCORDING TO THE PROVISIONS OF THE CURRENT ARLINGTON COUNTY ADMINISTRATIVE REGULATION 4.3.
- TREE SPECIES SHALL BE SELECTED FROM THE "ARLINGTON COUNTY STREET TREE LIST" OR PER SECTOR PLAN REQUIREMENTS.
- TREES SHALL BE HARDY, KNOWN SPECIES THAT MEET THE LATEST EDITION OF THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60). BALLED AND BURLAPPED TREES SHALL BE SECURELY HELD IN PLACE BY UNTREATED BURLAP AND STOUT ROPE (NYLON ROPE IS NOT ACCEPTABLE). LOOSE, BROKEN OR MANUFACTURED BALLS ARE UNACCEPTABLE.
- CALL MISS UTILITY AT (800) 555-7000 FOR UTILITY LOCATIONS PRIOR TO EXCAVATION.
- AT TIME OF PLANTING PRUNE ONLY CROSSING LIMBS, BRANCHES OR DEAD BRANCHES, AND ANY BRANCHES THAT POSE A HAZARD TO PEDESTRIANS. DO NOT PRUNE INTO OLD WOOD ON EVERGREENS.
- TREE PIT AND TREE STRIP PLANTING AREA DIMENSIONS:
  - 12" x 12" OR LARGER IS STANDARD.
  - 12" x 12" MINIMUM IS ALLOWED PER SITE CONDITIONS AND COUNTY URBAN FORESTER'S APPROVAL.
- SPACE TREES 25'-30' APART OR PER SECTOR PLAN REQUIREMENTS OR SITE CONDITIONS.
- SITE CHARACTERISTICS, SUCH AS OVERHEAD POWER LINES, EXISTING VEGETATION, AND INFRASTRUCTURE ITEMS SUCH AS CURBS, SIDEWALKS AND UTILITIES SHALL BE CONSIDERED. TREES THAT GROW TALLER THAN 25 FEET SHOULD NOT BE PLANTED DIRECTLY UNDER POWER LINES. WHEN POSSIBLE THE TREE LEADER SHALL BE OFFSET FROM POWER LINES.
- BACKFILL SOIL MIXTURE SHALL BE 5% EXISTING SOIL CLEANED OF DEBRIS (GRAVEL, ROCKS, STICKS, TRASH, ETC.) AND MIXED WITH 1% ORGANIC MATERIAL (COMPOSTED BARK, LEAF MULD, OR OTHER PLANT DEBRIS PROCESSED TO A POINT OF DECAY AND APPROVED BY THE COUNTY URBAN FORESTER. PEAT MOSS MAY NOT BE USED).
- IF THE QUANTITY OF ACCEPTABLE EXISTING SOIL IS INSUFFICIENT FOR THE PLANTING REQUIREMENTS, THE CONTRACTOR MAY USE TOPSOIL. SOIL TEST REPORT RESULTS FOR THE TOPSOIL WILL BE MADE AVAILABLE TO THE COUNTY URBAN FORESTER. FOR REQUEST, CONTRACTOR SHALL SUBMIT TOPSOIL FOR APPROVAL TO COUNTY URBAN FORESTER THAT MEETS THE FOLLOWING SPECIFICATIONS:
  - TOPSOIL CONSISTS OF A SANDY LOAM WITH UNIFORM COMPOST IN AND IS FREE OF STORED LIMPS, PLANTS, ROOTS, AND OTHER DEBRIS OVER 1/2" IN LENGTH.
  - TOPSOIL HAS A PH RANGE OF 5.5 TO 6.1 AND A MINIMUM CONTENT OF 1.0% ORGANIC MATTER.
  - TOPSOIL DOES NOT CONTAIN TOXIC SUBSTANCES HARMFUL TO PLANT GROWTH. SOLUBLE SALT LEVEL SHALL NOT EXCEED 3 PPM/LIPTS PER CENTIMETER.
- TREES PLANTED WITHOUT THE TRUNK FLARE VISIBLE WILL BE REJECTED.
- 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 HARDWOOD BARK MULCH, UNIFORM IN SIZE AND FREE OF STONES, GLOBS, NON-ORGANIC DEBRIS AND OTHER FOREIGN MATERIAL.
- ALL PLANTS SHALL BE WATERED TWICE ONCE AT INSTALLATION AND AGAIN WITHIN 48-HOURS OF INSTALLATION. EACH WATERING WILL CONSIST OF 20 GALLONS PER TREE.
- CONTRACTOR SHALL LEGALLY REMOVE EXCESS SOIL & DEBRIS FROM SITE.

**GENERAL NOTES FOR STREET TREE PLANTINGS**

FOR TREES PLANTED IN RIGHT-OF-WAY  
329300.5 (2016) (02939.5)



**PLANTING NOTES**

- CONTRACTOR SHALL VERIFY 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.
- 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.
- 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.
- 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.
- SOIL SHALL BE FREE OR ALL WEEDS AND ROCKS GREATER THAN 1" IN DIAMETER.
- 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.
- 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.
- CONTRACTOR SHALL REMOVE TREE STAKING AT THE END OF THE ONE YEAR WARRANTY PERIOD.



ARLINGTON PUBLIC SCHOOLS

NEW ELEMENTARY SCHOOL

125 South Old Glebe Rd  
Arlington, VA 22204

Client Project Number 60FY16  
VMDO Project Number 1152

Checked By T. Shallenberger  
Drawn By P. Price

DRAWING NOT FOR CONSTRUCTION

ISSUES AND REVISIONS  
NO. SUBMITTAL DATE  
USE PERMIT RESUBMISSION 03.06.2017

ARLINGTON COUNTY PLANTING DETAILS & NOTES

L4.02

ARLINGTON COUNTY PUBLIC SCHOOLS - 125 SOUTH OLD GLEBE ROAD - ARLINGTON, VA 22204 - 703.246.2000























