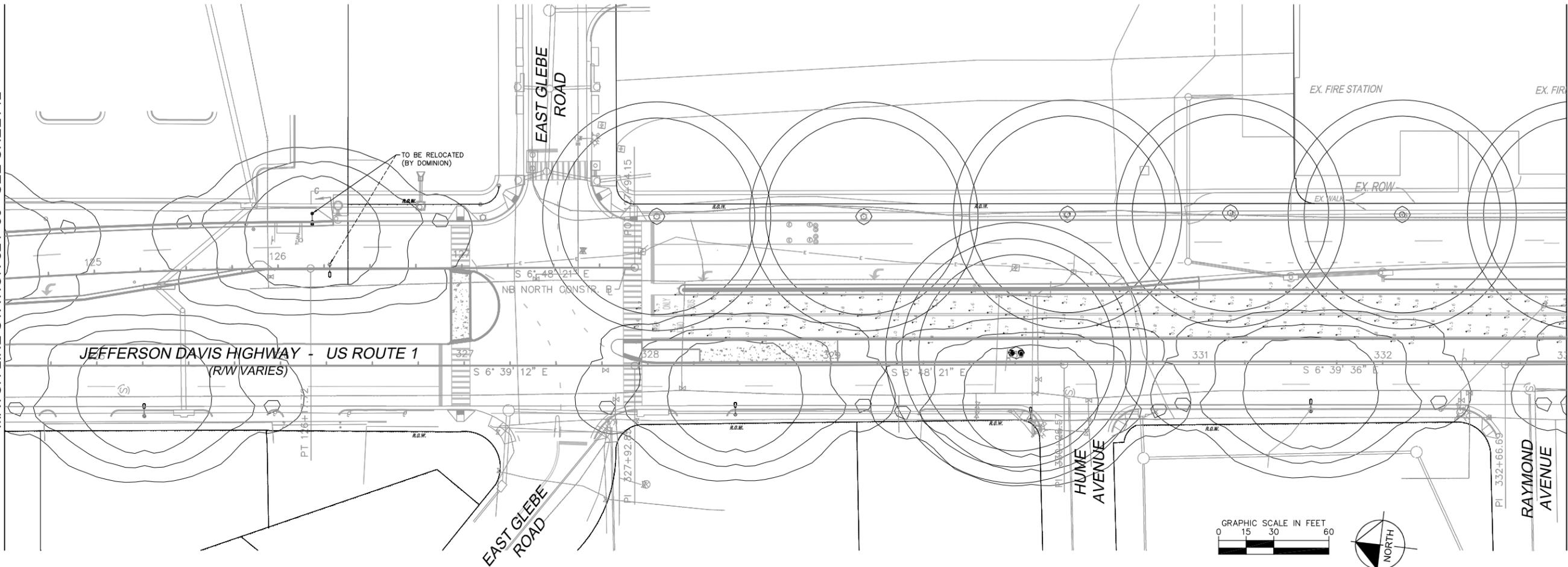


MATCH LINE STATION 324+50 - SEE SHEET 12

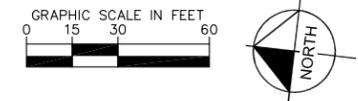
MATCH LINE STATION 333+00 - SEE SHEET 12B



LIGHTING LEGEND

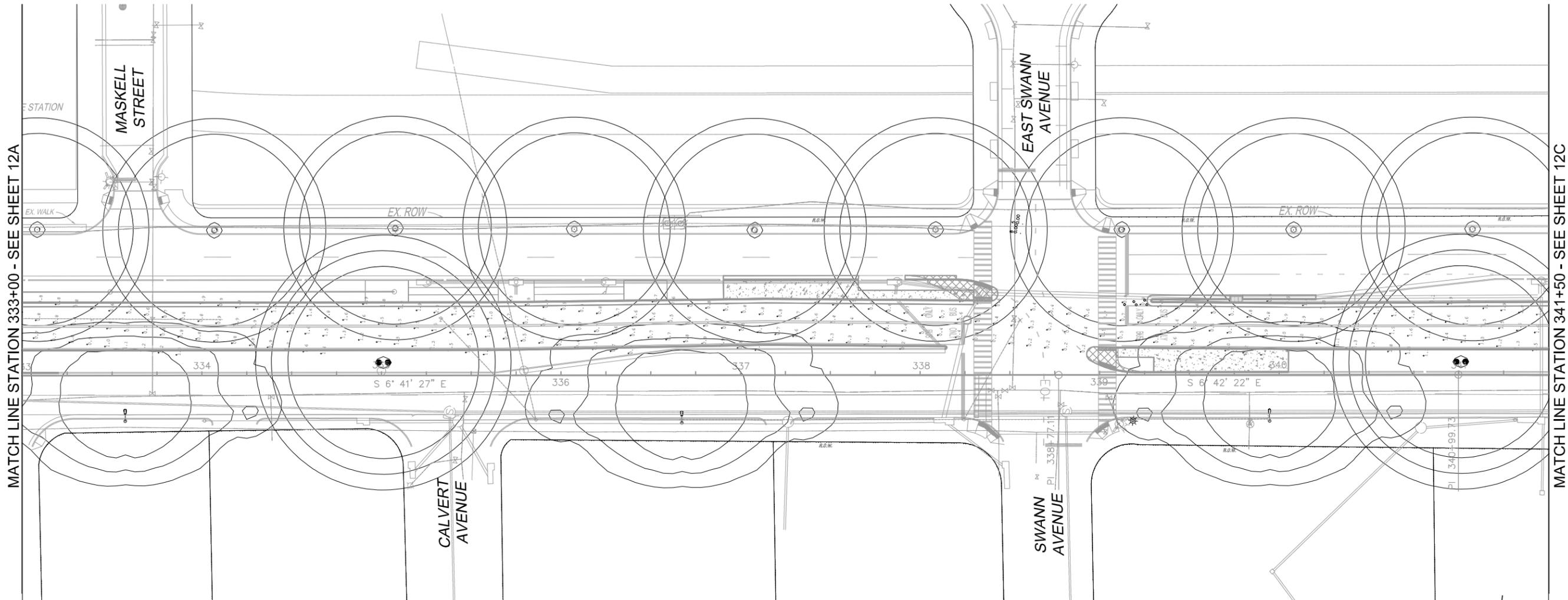
ITEM	PROPOSED	EXISTING
ORNAMENTAL LIGHT POLE	● ●	○ ○
DOMINION LIGHT POLE	⦿ ⦿	⦿ ⦿

STATISTICS					
DESCRIPTION	SYMBOL	AVG	MAX	MIN	UNIFORMITY (AVG/MIN)
E. GLEBE ROAD TO POTOMAC AVENUE	+	1.05 fc	2.9 fc	0.20 fc	5.25



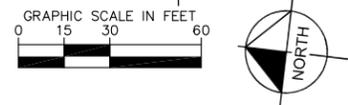
60% PLANS
NOT FOR CONSTRUCTION

	<p>PROJECT NO: 2515453</p> <p>DATE 03/28/12</p> <p>SCALE: 1" = 30'-0"</p> <p>DESIGNED BY: W.B.K.</p> <p>DRAWN BY: R.W.M.</p> <p>CHECKED BY: B.A.B.</p>	<p>THE LANE CONSTRUCTION CORPORATION</p> <p>STV Incorporated 2720 Leesville Drive, Suite 450, Fairfax, VA 22031 (703) 552-2920</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	DATE	BY												
No.	DATE	BY																
<p>LIGHTING PLAN</p>	<p>JEFFERSON DAVIS HIGHWAY ROUTE 1 FROM EAST GLEBE ROAD TO POTOMAC AVENUE BRT IMPROVEMENTS DESIGN/BUILD</p>																	
<p>CITY OF ALEXANDRIA</p>	<p>SHEET NUMBER 12A</p>		<p>VIRGINIA</p>															



LIGHTING LEGEND

ITEM	PROPOSED	EXISTING
ORNAMENTAL LIGHT POLE		
DOMINION LIGHT POLE		



STATISTICS					
DESCRIPTION	SYMBOL	AVG	MAX	MIN	UNIFORMITY (AVG/MIN)
E. GLEBE ROAD TO POTOMAC AVENUE	+	1.05 fc	2.9 fc	0.20 fc	5.25

60% PLANS
NOT FOR CONSTRUCTION

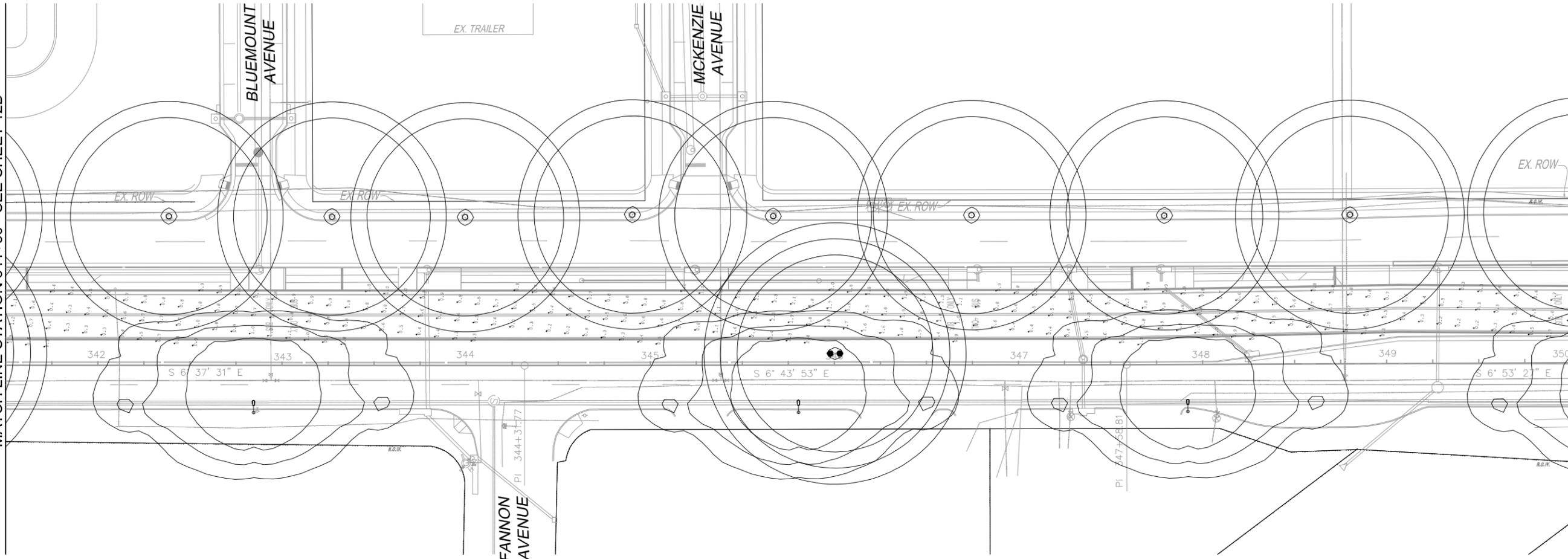
<p>PROJECT NO: 2515453</p> <p>DATE: 03/28/12</p> <p>SCALE: 1" = 30'-0"</p> <p>DESIGNED BY: W.B.K.</p> <p>DRAWN BY: R.W.M.</p> <p>CHECKED BY: B.A.B.</p>	<p>NO. _____</p> <p>REVISIONS _____</p> <p>DATE _____</p>
<p>LIGHTING PLAN</p>	
<p>JEFFERSON DAVIS HIGHWAY ROUTE 1 FROM EAST GLEBE ROAD TO POTOMAC AVENUE BRT IMPROVEMENTS DESIGN/BUILD</p>	
<p>CITY OF ALEXANDRIA VIRGINIA</p>	
<p>SHEET NUMBER 12B</p>	

THE LANE
 CONSTRUCTION CORPORATION

STV Incorporated
2720 Westmore Drive, Suite 400, Fairfax, VA 22031 (703) 552-2920

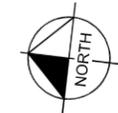
MATCH LINE STATION 341+50 - SEE SHEET 12B

MATCH LINE STATION 350+00 - SEE SHEET 12D



LIGHTING LEGEND

ITEM	PROPOSED	EXISTING
ORNAMENTAL LIGHT POLE	● ●	○ ○
DOMINION LIGHT POLE	⌚ ⌚	⌚ ⌚



STATISTICS					
DESCRIPTION	SYMBOL	AVG	MAX	MIN	UNIFORMITY (AVG/MIN)
E. GLEBE ROAD TO POTOMAC AVENUE	+	1.05 fc	2.9 fc	0.20 fc	5.25

60% PLANS
NOT FOR CONSTRUCTION

No.	REVISIONS	DATE	BY

THE LANE
CONSTRUCTION CORPORATION

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2720 Westgate Drive, Suite 400, Fairfax, VA 22031 (703) 552-2920



PROJECT NO:
2515453

DATE
03/28/12

SCALE: 1" = 30'-0"

DESIGNED BY: W.B.K.

DRAWN BY: R.W.M.

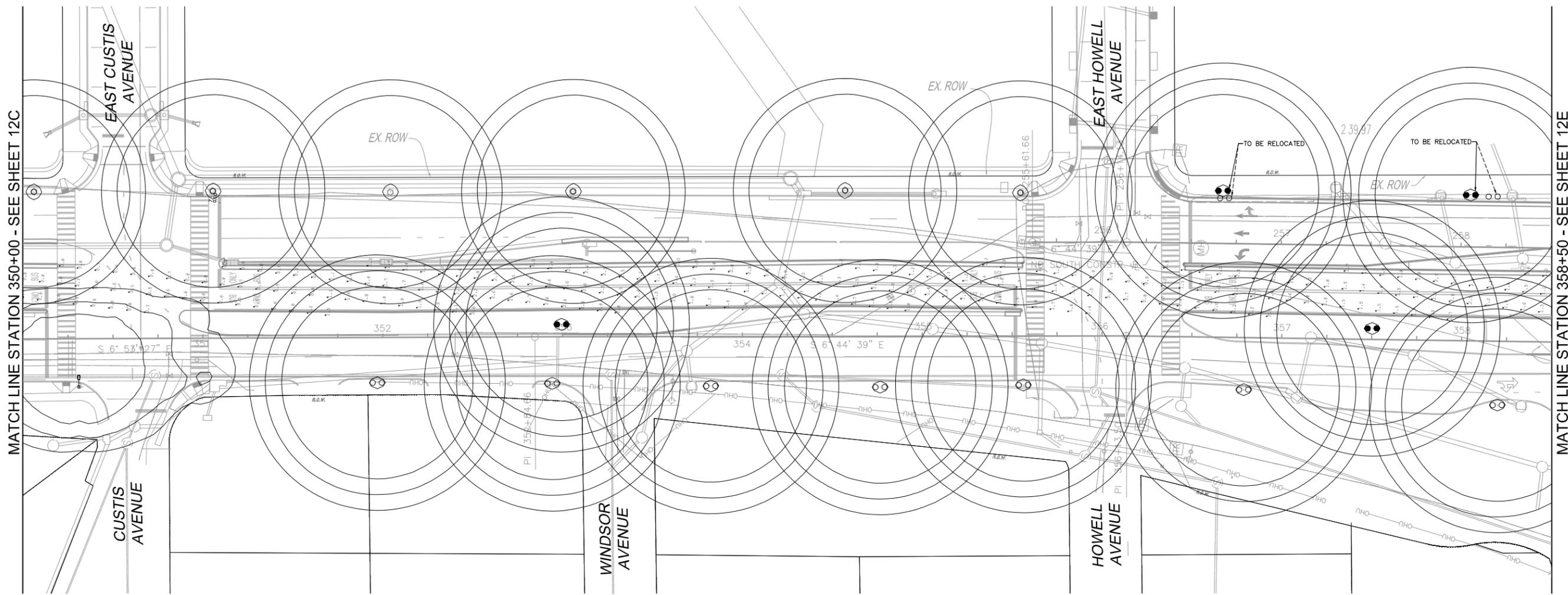
CHECKED BY: B.A.B.

LIGHTING PLAN

JEFFERSON DAVIS HIGHWAY
ROUTE 1 FROM EAST GLEBE
ROAD TO POTOMAC AVENUE
BRT IMPROVEMENTS
DESIGN/BUILD

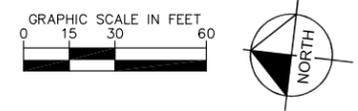
CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
12C



LIGHTING LEGEND

ITEM	PROPOSED	EXISTING
ORNAMENTAL LIGHT POLE	● ●	○ ○
DOMINION LIGHT POLE	⦿ ⦿	⦿ ⦿

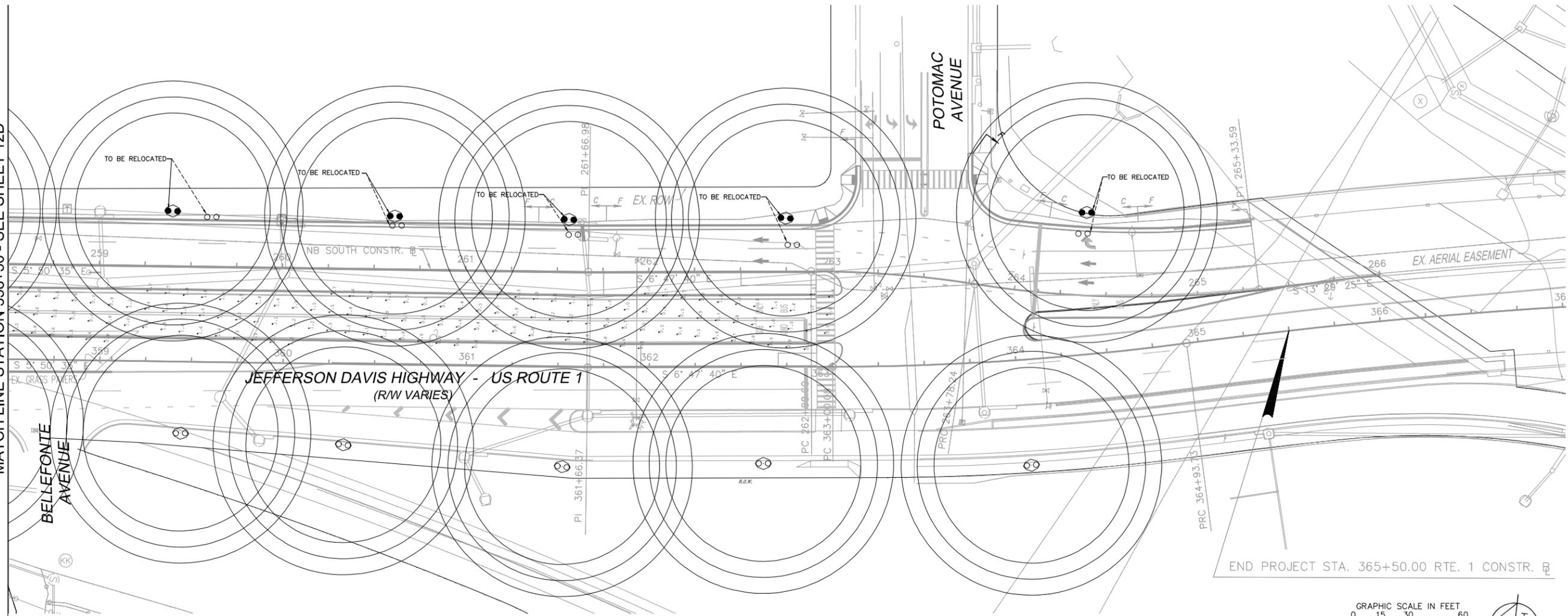


STATISTICS					
DESCRIPTION	SYMBOL	AVG	MAX	MIN	UNIFORMITY (AVG/MIN)
E. GLEBE ROAD TO POTOMAC AVENUE	+	1.05 fc	2.9 fc	0.20 fc	5.25

60% PLANS
NOT FOR CONSTRUCTION

<p>PROJECT NO: 2515453</p> <p>DATE: 03/28/12</p> <p>SCALE: 1" = 30'-0"</p> <p>DESIGNED BY: W.B.K.</p> <p>DRAWN BY: R.W.M.</p> <p>CHECKED BY: B.A.B.</p>	<p>JEFFERSON DAVIS HIGHWAY ROUTE 1 FROM EAST GLEBE ROAD TO POTOMAC AVENUE BRT IMPROVEMENTS DESIGN/BUILD</p>																																	
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<p>THE LANE CONSTRUCTION CORPORATION</p>	<p>STV Incorporated</p>																																	
<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	DATE	BY																															<p>SHEET NUMBER 12D</p>
No.	DATE	BY																																

MATCH LINE STATION 358+50 - SEE SHEET 12D



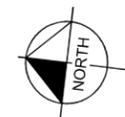
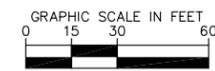
LIGHTING LEGEND

ITEM	PROPOSED	EXISTING
ORNAMENTAL LIGHT POLE	●●	○●
DOMINION LIGHT POLE	●	○

STATISTICS

DESCRIPTION	SYMBOL	AVG	MAX	MIN	UNIFORMITY (AVG/MIN)
E. GLEBE ROAD TO POTOMAC AVENUE	+	1.05 fc	2.9 fc	0.20 fc	5.25

END PROJECT STA. 365+50.00 RTE. 1 CONSTR. B



No.	REVISIONS	DATE	BY

THE LANE
CONSTRUCTION CORPORATION

STV Incorporated
2720 Westmore Drive, Suite 450, Fairfax, VA 22031 (703) 552-2920



PROJECT NO. 2515453
DATE 03/28/12
SCALE: 1" = 30'-0"
DESIGNED BY: W.B.K.
DRAWN BY: R.W.M.
CHECKED BY: B.A.B.

LIGHTING PLAN

JEFFERSON DAVIS HIGHWAY
ROUTE 1 FROM EAST GLEBE
ROAD TO POTOMAC AVENUE
BRT IMPROVEMENTS
DESIGN/BUILD

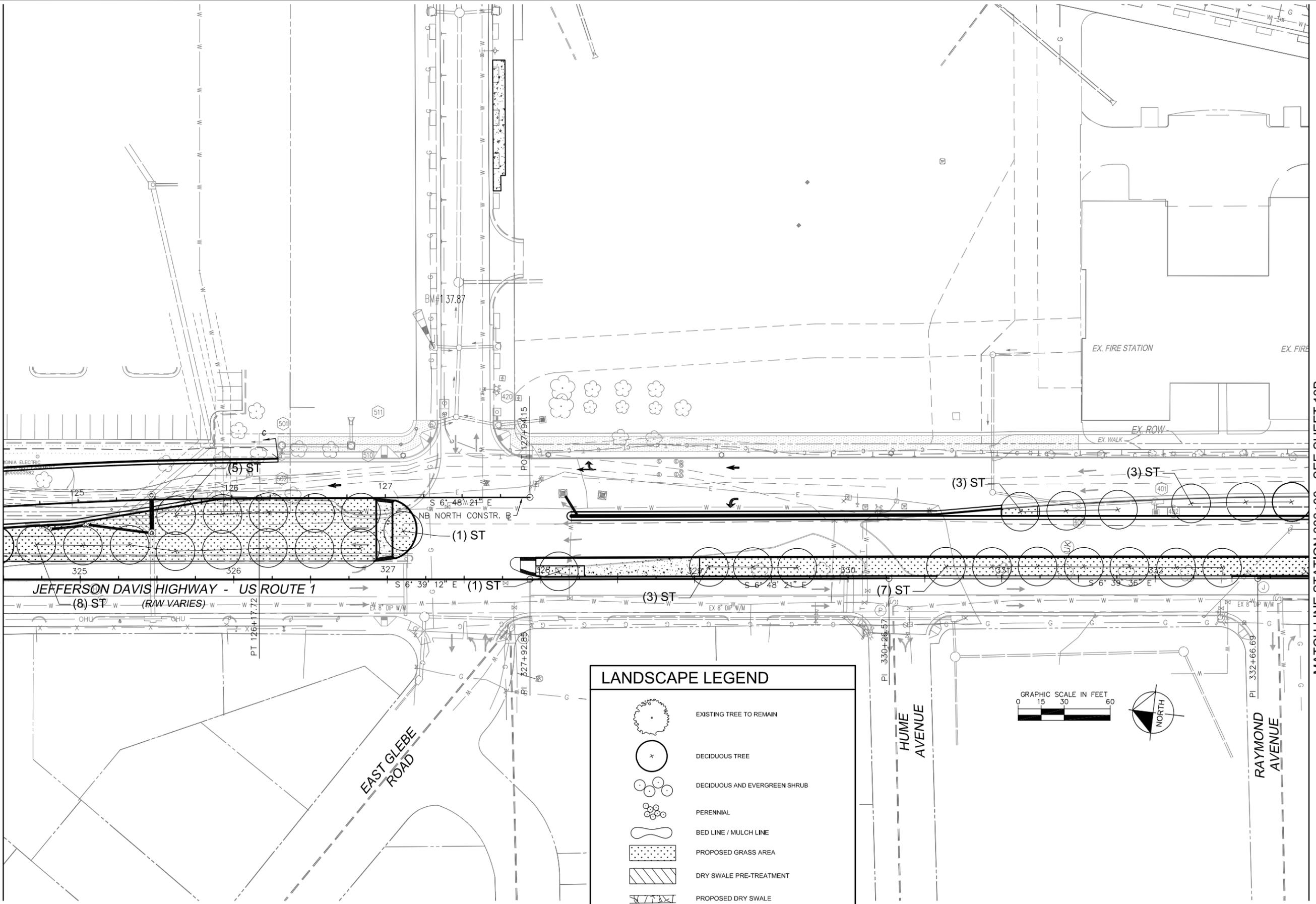
CITY OF ALEXANDRIA VIRGINIA

60% PLANS
NOT FOR CONSTRUCTION

SHEET NUMBER
12E

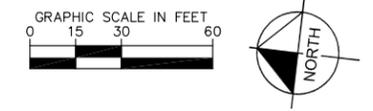
MATCH LINE STATION 324+50 - SEE SHEET 13

MATCH LINE STATION 333+00 - SEE SHEET 13B



LANDSCAPE LEGEND

- EXISTING TREE TO REMAIN
- DECIDUOUS TREE
- DECIDUOUS AND EVERGREEN SHRUB
- PERENNIAL
- BED LINE / MULCH LINE
- PROPOSED GRASS AREA
- DRY SWALE PRE-TREATMENT
- PROPOSED DRY SWALE
- EXISTING RIGHT OF WAY



60% PLANS
NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE	BY

THE LANE
CONSTRUCTION CORPORATION

STV Incorporated
Engineers / Architects / Planners / Construction Managers
222 Vermeer Dr., Suite 300, Fairfax, VA 22031 (571) 353-2220



PROJECT NO. 2515453
DATE 03/28/12
SCALE: 1" = 30'-0"
DESIGNED BY: K.T.L.
DRAWN BY: K.T.L.
CHECKED BY: S.H.P.

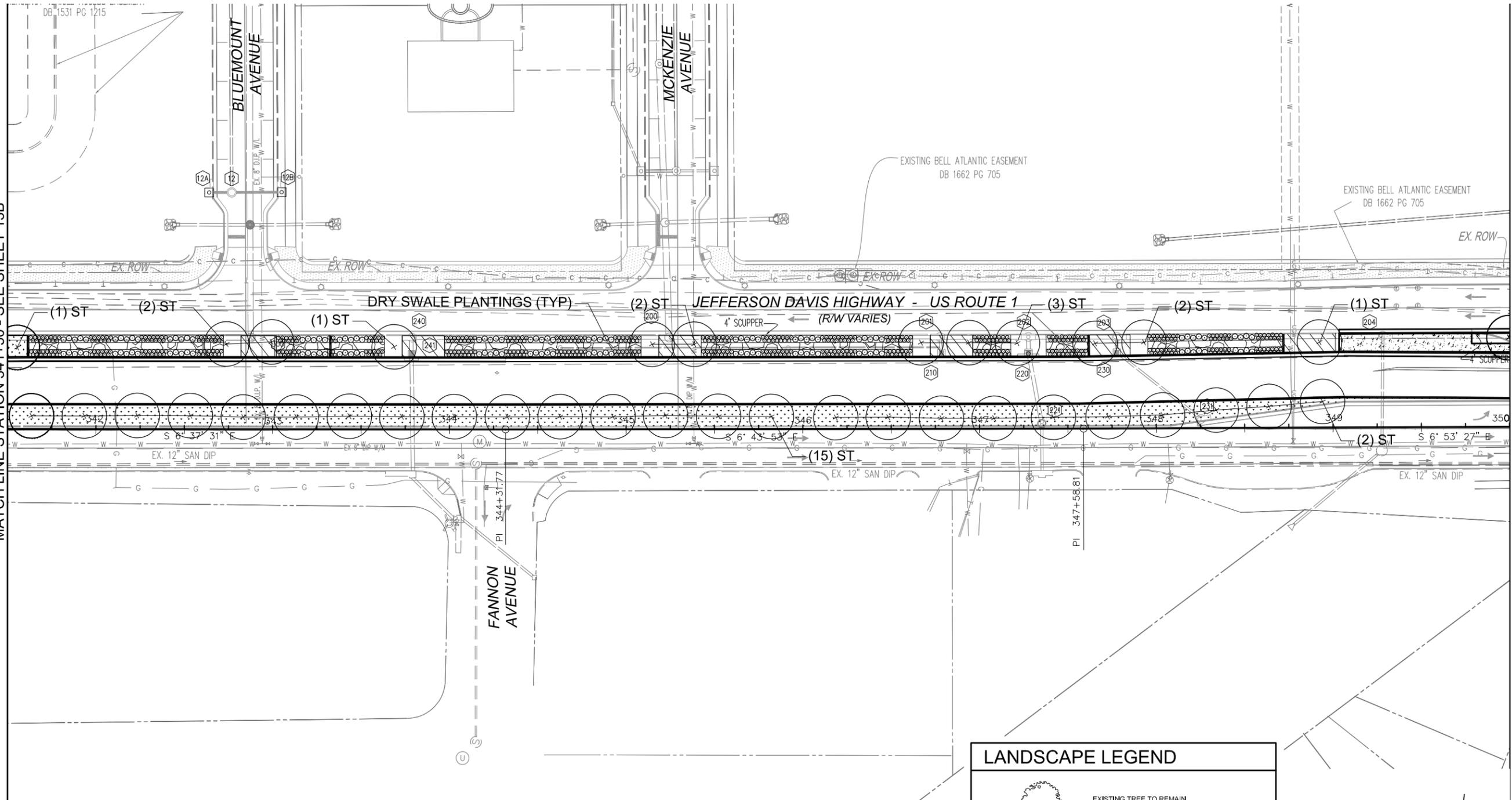
LANDSCAPING PLAN

JEFFERSON DAVIS HIGHWAY
ROUTE 1 FROM EAST GLEBE
ROAD TO POTOMAC AVENUE
BRT IMPROVEMENTS
DESIGN/BUILD

CITY OF ALEXANDRIA VIRGINIA

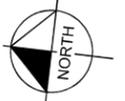
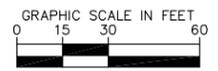
MATCH LINE STATION 341+50 - SEE SHEET 13B

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LANDSCAPE LEGEND

- EXISTING TREE TO REMAIN
- DECIDUOUS TREE
- DECIDUOUS AND EVERGREEN SHRUB
- PERENNIAL
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- PROPOSED GRASS AREA
- DRY SWALE PRE-TREATMENT
- PROPOSED DRY SWALE
- EXISTING RIGHT OF WAY



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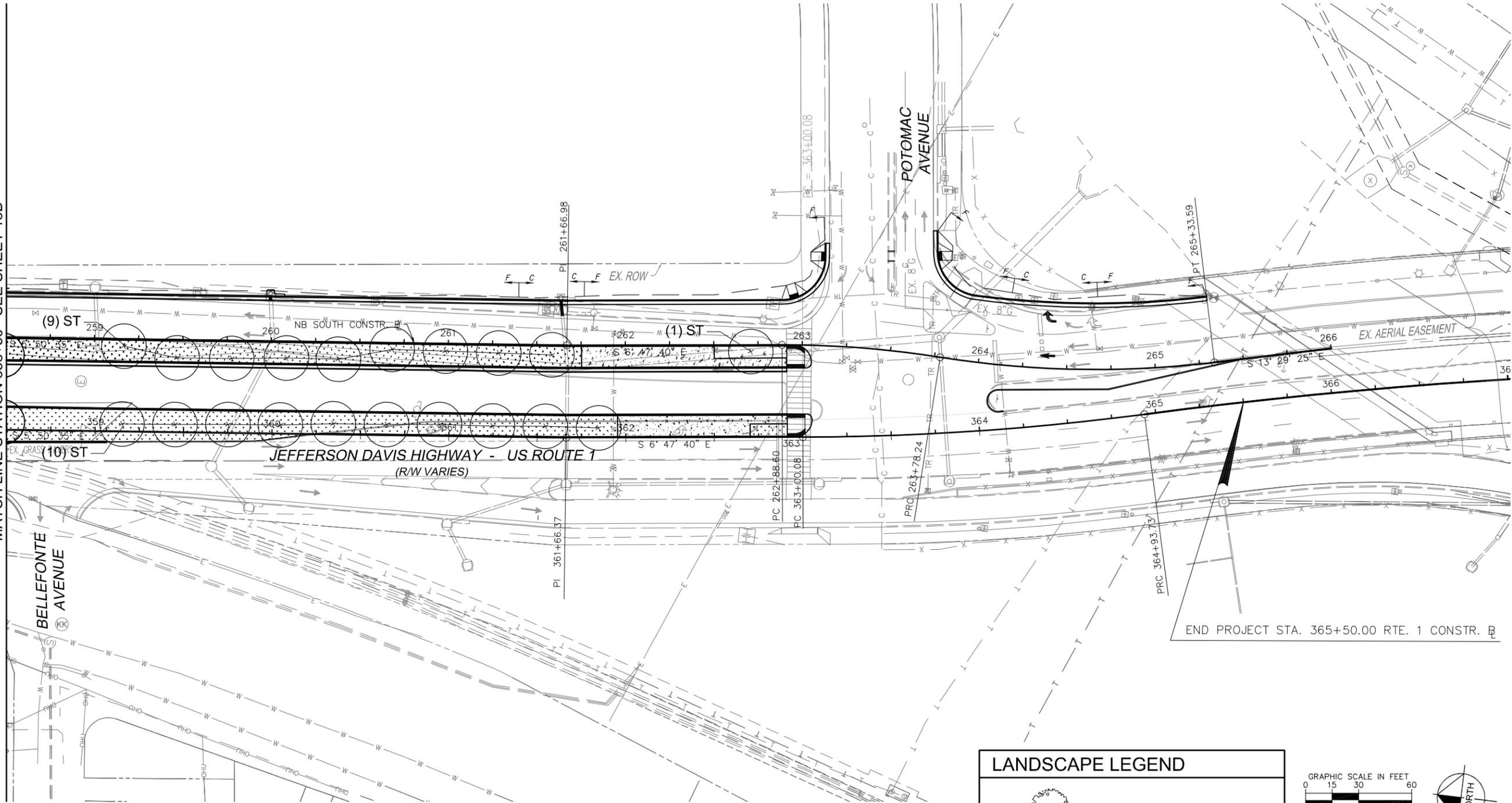
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LANDSCAPING PLAN

JEFFERSON DAVIS HIGHWAY
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BRT IMPROVEMENTS
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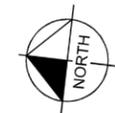
CITY OF ALEXANDRIA VIRGINIA

MATCH LINE STATION 358+50 - SEE SHEET 13D



LANDSCAPE LEGEND

- EXISTING TREE TO REMAIN
- DECIDUOUS TREE
- DECIDUOUS AND EVERGREEN SHRUB
- PERENNIAL
- BED LINE / MULCH LINE
- PROPOSED GRASS AREA
- DRY SWALE PRE-TREATMENT
- PROPOSED DRY SWALE
- EXISTING RIGHT OF WAY



60% PLANS
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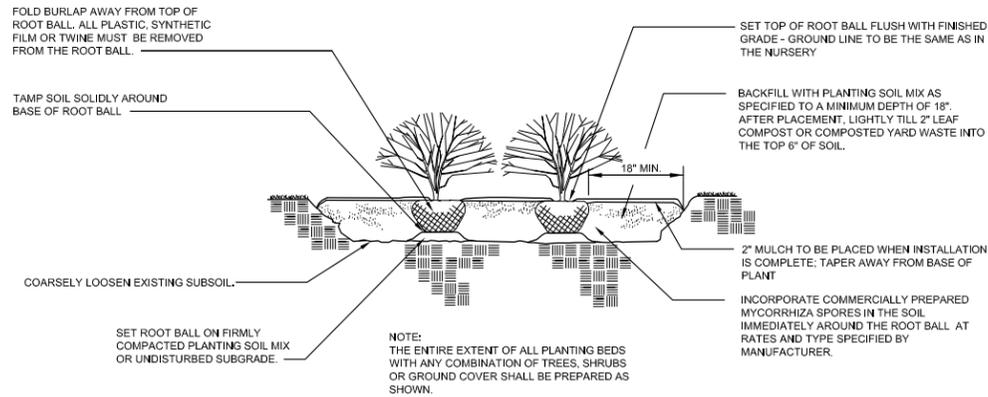
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LANDSCAPING
PLAN

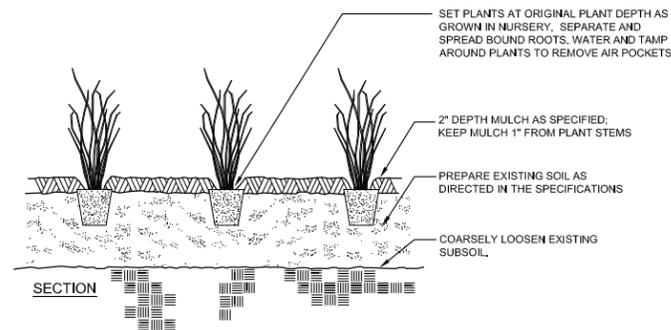
JEFFERSON DAVIS HIGHWAY
 ROUTE 1 FROM EAST GLEBE
 ROAD TO POTOMAC AVENUE
 BRT IMPROVEMENTS
 DESIGN/BUILD
 CITY OF ALEXANDRIA VIRGINIA

PLANTING NOTES

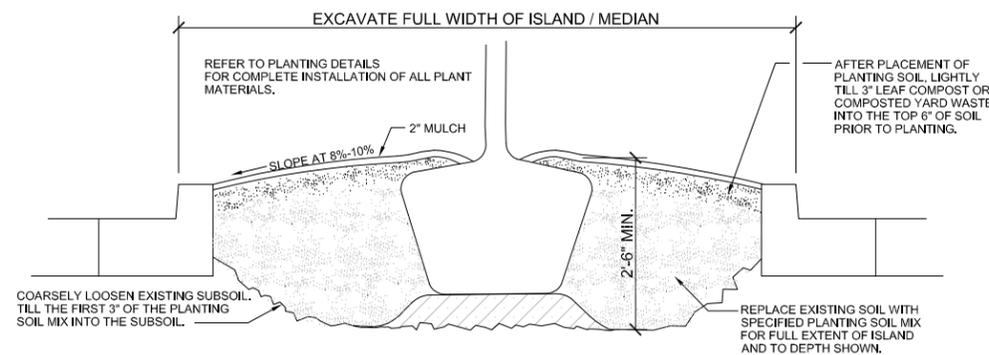
1. PLANT MATERIALS (INCLUDING QUALITY AND SIZE OF PLANTS, AND ROOT CONDITION) SHALL MEET OR EXCEED THE STANDARDS OF THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) "AMERICAN STANDARDS FOR NURSERY STOCK", ANSI Z60.1, LATEST EDITION.
2. CONTRACTOR TO VERIFY THE 'AS BUILT' LOCATIONS OF ALL UTILITIES PRIOR TO DIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND/OR LOCATION OF PLANT MATERIALS TO AVOID CONFLICTS WITH UTILITIES.
3. ALL PLANT MATERIAL SHALL BE HARDY WITHIN USDA HARDINESS ZONE 6/7 APPLICABLE TO ALEXANDRIA, VIRGINIA. NO SUBSTITUTIONS SHALL BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.
4. ALL PROPOSED SHADE TREES TO BE PLANTED ALONG STREETS AND WALKWAYS SHALL HAVE A MINIMUM BRANCHING HEIGHT OF SEVEN (7) FEET ABOVE FINISHED GRADE, BE A MINIMUM 3 FEET FROM CURBS AND SIDEWALKS, BE 6 FEET FROM EXISTING OR PROPOSED UNDERGROUND UTILITIES, AND BE 12 FEET FROM EXISTING OR PROPOSED OVERHEAD UTILITIES.
5. ALL PLANTING HOLES SHALL BE EXCAVATED TO THE FULL DEPTH AND DIMENSIONS INDICATED ON THE PLANTING DETAILS. PLANTING HOLES SHALL BE BACKFILLED WITH PLANTING SOIL MIX AS SPECIFIED.
6. SOIL MIXES SHALL BE PREPARED AND USED AS STATED IN THE SPECIFICATIONS. THE SOIL MIXES ARE DESIGNED FOR SPECIFIC PURPOSES AND ARE NOT INTERCHANGEABLE.
7. DISTURBED AREAS NOT STABILIZED WITH PAVING OR PLANT MATERIALS AS SHOWN ON THE PLANTING PLAN SHALL BE SEEDED AND MULCHED.
8. SUBGRADE PREPARATION AND PLACEMENT OF 6-INCH DEPTH TOPSOIL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
9. ALL SHRUB BEDS AND PLANTING PITS SHALL BE MULCHED IN ACCORDANCE WITH THE PLANTING DETAILS. PRIOR TO INSTALLATION OF MULCH, APPLY PRE-EMERGENT HERBICIDE SUCH AS "PREEN" OR APPROVED EQUAL.
10. THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF TWELVE MONTHS AFTER INSTALLATION IS COMPLETE AND APPROVED. AT THE END OF TWELVE MONTHS ALL PLANT MATERIAL WHICH IS DEAD OR DYING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AS ORIGINALLY SPECIFIED.



2 SHRUB PLANTING
13F NOT TO SCALE



3 PERENNIAL GROUNDCOVER PLANTING DETAIL
13F NOT TO SCALE



4 PLANTING MEDIAN SOIL PREPARATION
13F 3/4"=1'-0"

NOTE:
DO NOT WRAP TRUNK, DO NOT STAKE TREE UNLESS WARRANTED BY SPECIFIC SITE CONDITIONS. WHEN REQUIRED, STAKING SHALL COMPLY WITH STAKING PLAN. ALL STAKES AND GUYS TO BE REMOVED AT THE END OF ONE YEAR.

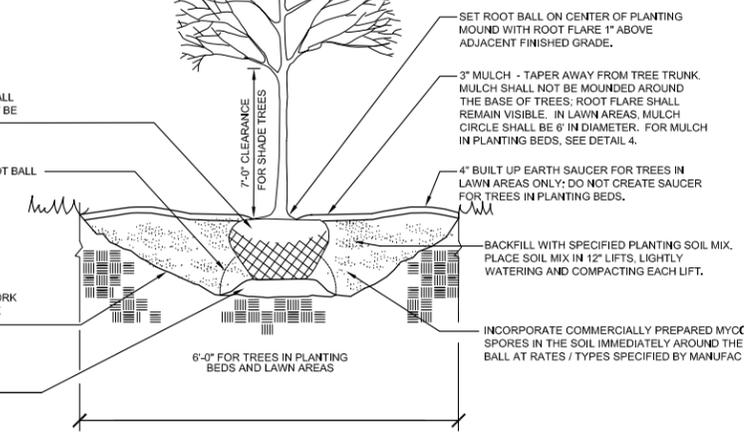
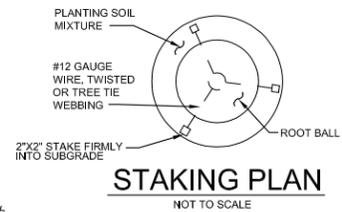
FOLD BURLAP OR CUT AND FOLD WIRE BASKET AWAY FROM TOP OF ROOT BALL. ALL PLASTIC, SYNTHETIC FILM OR TWINE MUST BE REMOVED FROM THE ROOT BALL.

TAMP SOIL SOLIDLY AROUND BASE OF ROOT BALL.

COARSELY LOOSEN EXISTING SUBSOIL. WORK THE FIRST 3 INCHES OF PLANTING SOIL MIX INTO THE SUBSOIL.

SET ROOT BALL ON 4" - 6" OF FIRMLY COMPACTED PLANTING SOIL MIX OR UNDISTURBED SUBGRADE.

1 TREE PLANTING
13F NOT TO SCALE



PLANTING SCHEDULE						
KEY	QTY	BOTANICAL / SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	NOTES
DECIDUOUS TREES						
AR	-	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2 1/2" CAL.	B & B	-
PC	-	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER PEAR	2" CAL.	B & B	-
QP	-	QUERCUS PHELLOS	WILLOW OAK	2 1/2" CAL.	B & B	-
ORNAMENTAL AND EVERGREEN TREES						
AL	-	AMELANCHIER CANADENSIS	SERVICEBERRY	8' HT	B & B	MULTI-STEM
CC	-	CERCIS CANADENSIS 'FOREST PANSY'	FOREST PANSY REDBUD	8' HT	B & B	MULTI-STEM
DECIDUOUS AND EVERGREEN SHRUBS						
CS	-	CORNUS SERICEA	REDOSIER DOGWOOD	30"	CONT.	-
IG	-	ILEX GLABRA 'NANA'	DWARF INKBERRY HOLLY	24"	CONT.	-
IT	-	ITEA VIRGINIANA 'HENRY'S GARNET'	HENRY'S GARNET VIRGINIA SWEETSPIRE	24"	CONT.	-
PERENNIALS AND GRASSES						
AT	-	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	1 GAL	CONT.	-
AN	-	ASTER NOVAE-ANGLIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	CONT.	-
EP	-	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	1 GAL	CONT.	-
ER	-	EUPATORIUM RUGOSUM 'CHOCOLATE'	WHITE SNAKEROOT	1 GAL	CONT.	-
IC	-	IRIS CRISTATA	DWARF CRESTED IRIS	1 QT	CONT.	-
IV	-	IRIS VERSICOLOR	NORTHERN BLUE FLAG	1 QT	CONT.	-
LC	-	LOBELIA CARDINALIS	CARDINAL FLOWER	1 GAL	CONT.	-
RF	-	RUDBECKIA FULGIDA 'GOLDSTURM'	GOLDSTURM BLACK-EYED SUSAN	1 GAL	CONT.	-
SG	-	SOLIDAGO SPHACELATA 'GOLDEN FLEECE'	GOLDEN FLEECE GOLDENROD	1 GAL	CONT.	-

NOTES:

1. PLANT MATERIAL SHOWN ON PLANTING SCHEDULE IS A REPRESENTATIVE LIST OF PLANTS THAT MAY BE PROPOSED. SPECIFIC SPECIES AND QUANTITIES WILL BE FURTHER REFINED AS THE DESIGN PROGRESSES.
2. ALL TREES SHOWN ON PLAN ARE LABELED (ST) FOR STREET TREE. SPECIFIC SPECIES TO BE DETERMINED.

NO.	REVISIONS	DATE	BY

THE LANE CORPORATION
Architects / Planners / Construction Managers
222 Bellevue Dr., Suite 500, Fairfax, VA 22031 (571) 353-2220



PROJECT NO: 25115453
DATE: 03/28/12
SCALE: AS NOTED
DESIGNED BY: K.T.L.
DRAWN BY: K.T.L.
CHECKED BY: S.H.P.

LANDSCAPING NOTES/DETAILS

JEFFERSON DAVIS HIGHWAY
ROUTE 1 FROM EAST GLEBE
ROAD TO POTOMAC AVENUE
BRT IMPROVEMENTS
DESIGN/BUILD

60% PLANS
NOT FOR CONSTRUCTION

SHEET NUMBER
13F