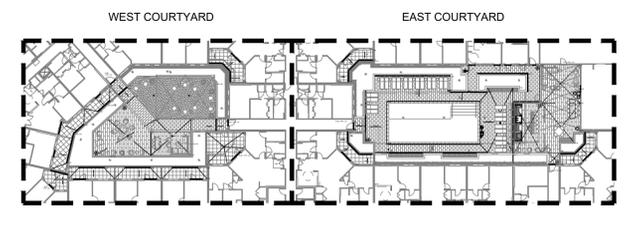
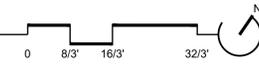


1 MATERIALS PLAN - COURTYARD EAST
3/16"=1'-0"



KEY PLAN
NTS

HARDSCAPE KEY

PAVING

- P1 C.I.P. CONCRETE PAVING
- P2A BRICK PAVING, RUNNING BOND
- P2B BRICK PAVING, HERRINGBONE
- P2C 8" BRICK PAVER BAND
- P3 IPE WOOD DECK
- P4 DETECTABLE WARNING CONCRETE DOME PAVERS
- P5 PORCELAIN PAVERS
- P6 POOL COPING
- P8 ARTIFICIAL TURF
- P9 RIVER ROCKS @ BLDG. EDGE IN PLANTERS
- P10 RIVER ROCKS @ SWALE (SEE CIVIL DWGS.)
- P11 PORCELAIN PAVERS
- P12 CRUSHED GRANITE

WALLS/ CURBS/ FENCES

- C1 C.I.P. CONCRETE FLUSH CURB
- C2 PRECAST CONCRETE FLUSH CURB/ BAND
- F1 POOL FENCE, METAL
- F2 POOL FENCE, GLASS
- F3 POOL FENCE, GLASS, WALL MOUNTED
- F4 FENCE, METAL
- FG FENCE GATE, METAL
- R1 ALUMINUM RAILING
- S1 C.I.P. CONCRETE STAIRS WITH STAINLESS STEEL HANDRAIL
- W1 BRICK RETAINING WALL, DOUBLE SIDED (A - AT GRADE, B - ON STRUCTURE)

SITE AMENITIES

- B1 BENCH
- B2 BENCH, PLINTH
- B3 BENCH, WALL MOUNTED
- BI PREFABRICATED BRIDGE OVER SWALE
- BO VEHICULAR BOLLARD @ 5'-0" O.C.
- BR BIKE RACK
- DF DRINKING WATER FOUNTAIN
- FP FIRE PIT
- ME METAL EDGE RESTRAINT @ PAVERS
- OK OUTDOOR KITCHEN
- TR LITTER/RECYCLE RECEPTACLE
- PL1 PLANTER, TYPE 1
- PL2 PLANTER, TYPE 2
- PL3 PLANTER GROUP, TYPE 3
- PS PET STATION
- SLP STRING LIGHT POST

PA PLANTING AREA

DRAIN - SEE MEP DWGS. (TYP)

- AREA DRAIN
- ▬ TRENCH DRAIN

NOTES:

1. SEE ELECTRICAL DRAWINGS FOR ALL LIGHTING CONDUITS, MOUNTING DETAILS, ETC.
2. COMPLY WITH LOCAL AND CITY STANDARDS NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.
3. REFER TO LIGHTING FIXTURE MANUFACTURER'S DETAILS, LAYOUT, PHOTOGRAPHY, ETC.
4. ALL WALLS ON STRUCTURE TO BE DESIGNED AND DOCUMENTED BY PROJECT STRUCTURAL ENGINEER.
5. REFER TO MEP DWGS. FOR ALL DRAINAGE, WATER CALCULATIONS ETC.
6. REFER TO POOL CONSULTANT'S DWGS. FOR ALL POOL RELATED INFORMATION.
7. FF&E SHOWN FOR DESIGN INTENT ONLY.

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SEAL

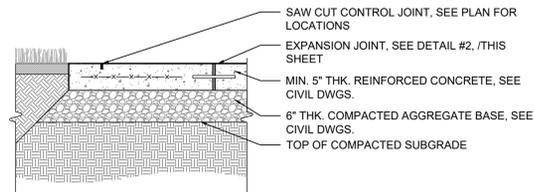
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Preliminary Application for	
8 MAC Zone Designation	04/29/20

PROJECT NO.
17041

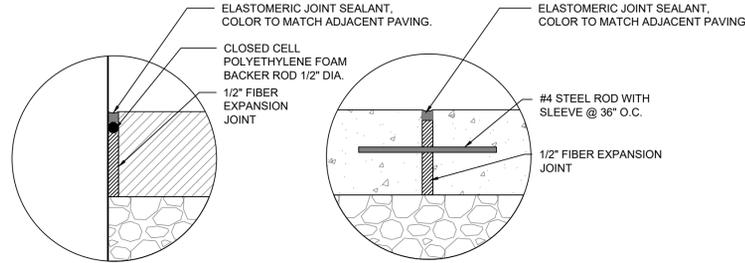
SCALE:
As Shown

DRAWN BY:
BB, RJ, BH

REVIEWED BY:
MR

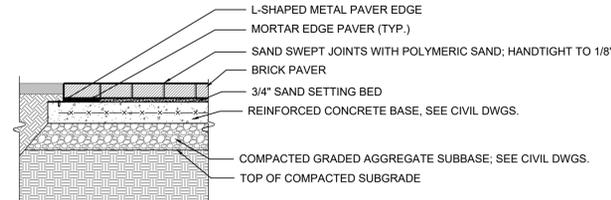


A - PEDESTRIAN CONCRETE ON GRADE

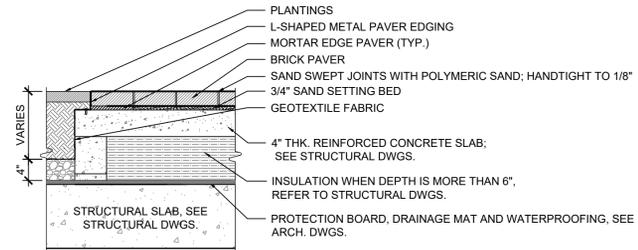


EXPANSION JOINT @ VERTICAL FACE (WALLS, CURBS, BUILDINGS & STRUCTURES)

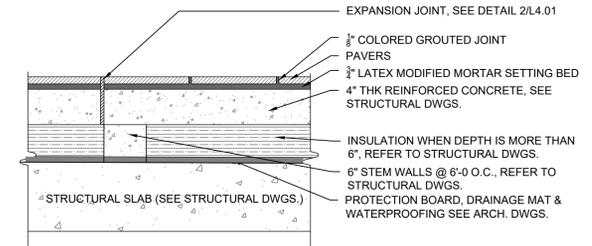
EXPANSION JOINT @ CONCRETE



A - BRICK PAVERS ON GRADE



B - PAVERS ON STRUCTURE



- NOTES:**
1. EXPANSION JOINTS AT 20' O.C. IN CONCRETE BASE UNLESS OTHERWISE NOTED.
 2. ADD EXPANSION JOINTS WHEN PAVERS ABUT A RIGID SURFACE SUCH AS BUILDINGS, WALLS, OR CHANGES IN MATERIAL.
 3. REFER TO STRUCTURAL DWGS. FOR CONCRETE SLAB AND STEM WALLS ON STRUCTURE

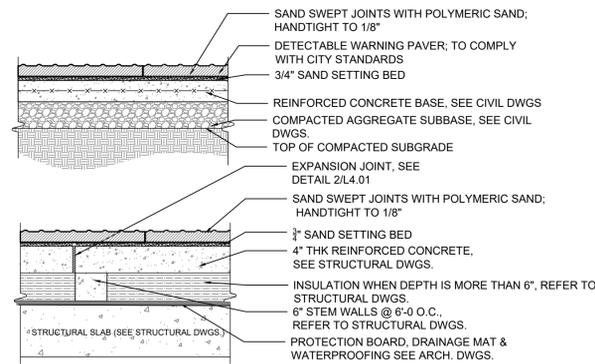
- NOTES:**
1. EXPANSION JOINTS AT 20' O.C. IN CONCRETE BASE UNLESS OTHERWISE NOTED.
 2. ADD EXPANSION JOINTS WHEN PAVERS ABUT A RIGID SURFACE SUCH AS BUILDINGS, WALLS, OR CHANGES IN MATERIAL.
 3. SEE CIVIL SPECS FOR CONCRETE.
 4. REFER TO STRUCTURAL DWGS. FOR CONCRETE SLAB AND STEM WALLS ON STRUCTURE

1 CAST-IN-PLACE CONCRETE PAVING
 3/4"=1'-0"

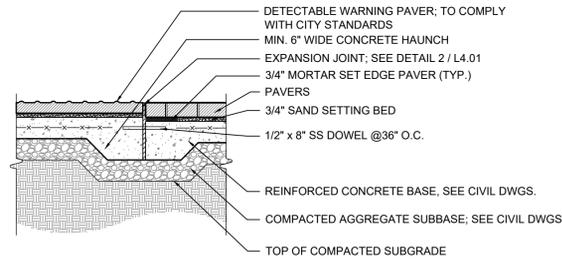
2 CONCRETE JOINTS
 3/8"=1'-0"

3 BRICK PAVING
 3/4"=1'-0"

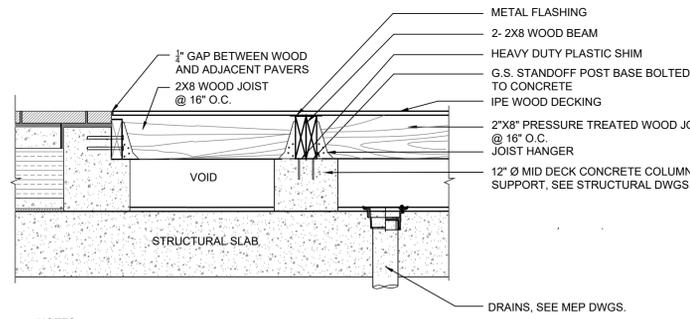
4 PORCELAIN PAVERS (MORTARED)
 1"=1'-0"



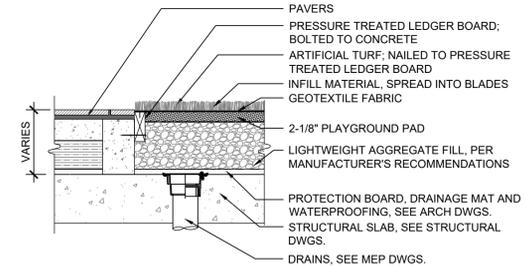
- NOTES:**
1. EXPANSION JOINTS AT 20' O.C. IN CONCRETE BASE UNLESS OTHERWISE NOTED.
 2. ADD EXPANSION JOINTS WHEN PAVERS ABUT A RIGID SURFACE SUCH AS BUILDINGS, WALLS, OR CHANGES IN MATERIAL.
 3. REFER TO STRUCTURAL DWGS. FOR CONCRETE SLAB AND STEM WALLS ON STRUCTURE



- NOTES:**
1. EXPANSION JOINTS AT 20' O.C. UNLESS OTHERWISE MENTIONED.
 2. EXPANSION JOINT TO GO THROUGH CONCRETE BASE ONLY.
 3. REFER TO CIVIL DWGS. FOR CONCRETE DETAILS AND SPECS



- NOTES:**
1. REFER TO STRUCTURAL DWGS. FOR STRUCTURAL SLAB ELEVATIONS AND DETAILS / REINFORCEMENT
 2. REFER TO MEP DWGS. FOR DRAINS ETC.
 3. REFER TO ARCH. DWGS. FOR WATERPROOFING AND ALL ROOF LAYERS
 4. CONTRACTOR TO SUBMIT SHOP DWGS. FOR ALL DECKS, DETAILS AND USE HIDDEN FASTENERS
 5. THERE SHOULD BE NO STANDING WATER ON THE STRUCTURAL SLAB BELOW THE WOOD DECK
 6. STRUCTURAL ENGINEER TO DESIGN ALL STRUCTURAL COMPONENTS OF THE DECK FOR STABILITY AND WIND LIFT ETC.

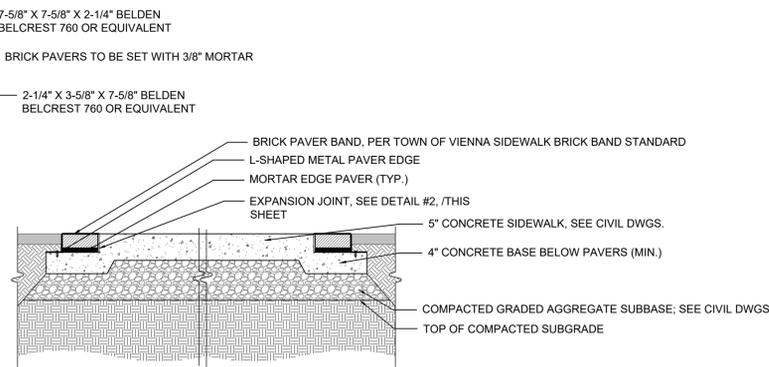
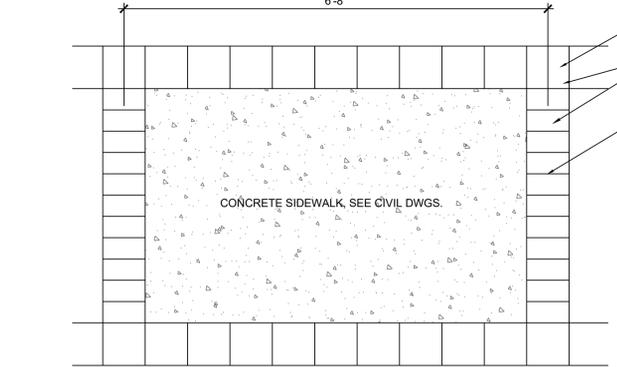


- NOTE:**
1. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF TURF

5 DETECTABLE WARNING CONCRETE DOME PAVERS
 3/4"=1'-0"

6 WOOD DECK
 3/4"=1'-0"

7 ARTIFICIAL TURF
 3/4"=1'-0"



8 BRICK BAND @ CONCRETE SIDEWALK (NUTLEY)
 3/4"=1'-0"

Town of Vienna
Approved
 06/09/2021

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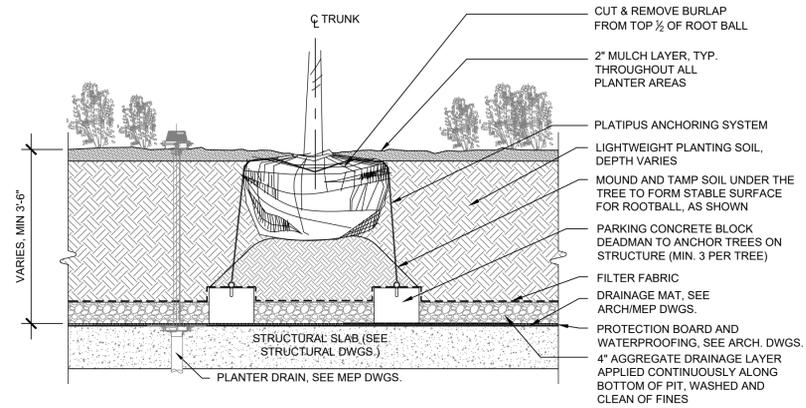
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PROJECT NO. 17041 SCALE: As Shown

DRAWN BY: BB,RJ, BH REVIEWED BY: MR

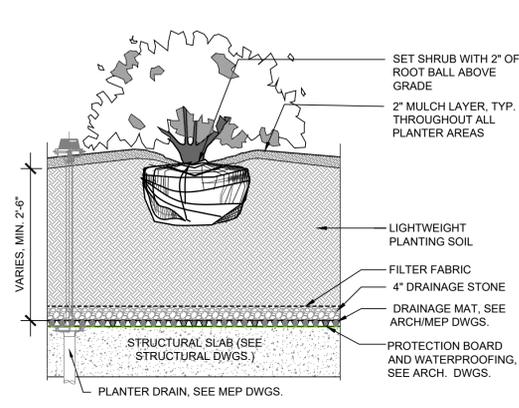
LS-4.01
 HARDSCAPE DETAILS



- NOTE:
1. REFER TO STRUCTURAL DWGS. FOR STRUCTURAL SLAB ELEVATIONS AND DETAILS / REINFORCEMENT
 2. REFER TO MEP DWGS. FOR PLANTER DRAIN LOCATIONS
 3. REFER TO ARCH. DWGS. FOR WATERPROOFING AND ROOF LAYERS
 4. WRAP AND OVERLAP FILTER FABRIC AROUND ALL PLANTER WALLS, KEEP 1\"/>
 - 5. DEADMEN TO BE PLACED PRIOR TO SOIL PLACEMENT (TYP.)

1 TREE PLANTING ON STRUCTURE

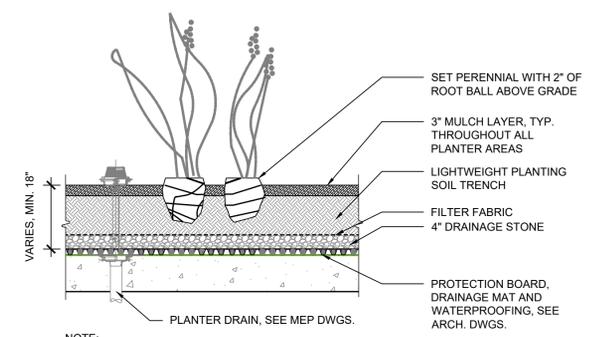
1/2"=1'-0"



- NOTE:
1. REFER TO STRUCTURAL DWGS. FOR STRUCTURAL SLAB ELEVATIONS AND DETAILS / REINFORCEMENT
 2. REFER TO MEP DWGS. FOR PLANTER DRAIN LOCATIONS
 3. REFER TO ARCH. DWGS. FOR WATERPROOFING LAYERS
 4. WRAP AND OVERLAP FILTER FABRIC AROUND ALL PLANTER WALLS, KEEP 1\"/>

2 SHRUB ON STRUCTURE

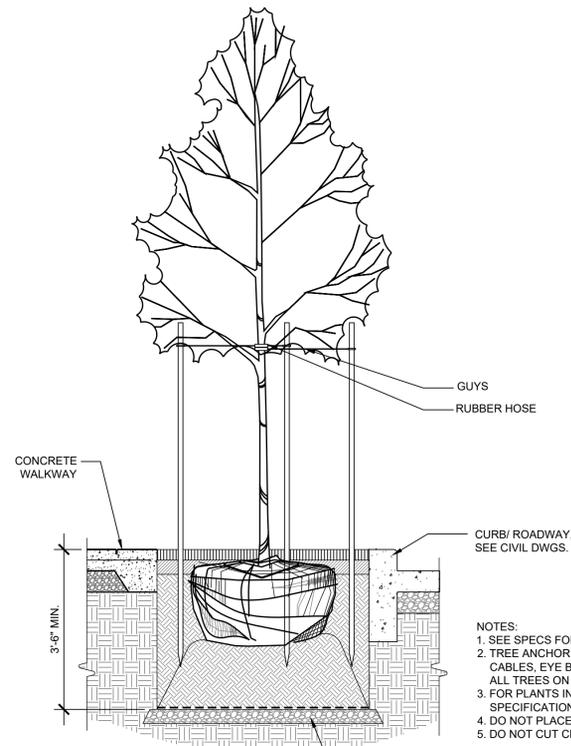
1/2"=1'-0"



- NOTE:
1. REFER TO STRUCTURAL DWGS. FOR STRUCTURAL SLAB ELEVATIONS AND DETAILS / REINFORCEMENT
 2. REFER TO MEP DWGS. FOR PLANTER DRAIN LOCATIONS
 3. REFER TO ARCH. DWGS. FOR WATERPROOFING LAYERS
 4. WRAP AND OVERLAP FILTER FABRIC AROUND ALL PLANTER WALLS, KEEP 1\"/>

3 PERENNIAL PLANTING ON STRUCTURE

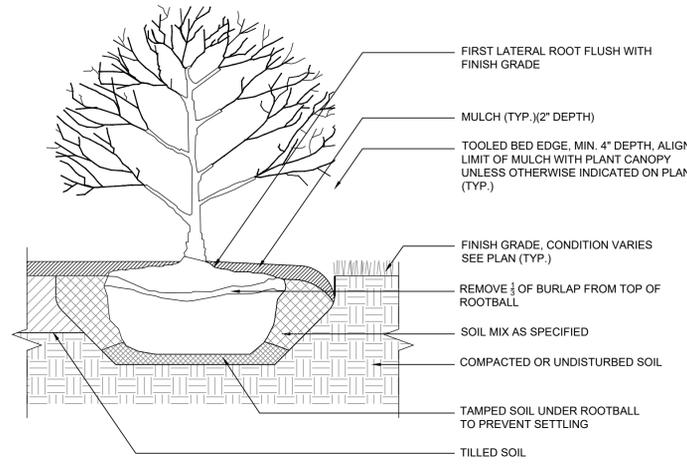
1/2"=1'-0"



- NOTES:
1. SEE SPECS FOR DETAILS ON ROOT ANCHORING SYSTEM.
 2. TREE ANCHORING SYSTEM AND ALL ASSOCIATED CABLES, EYE BOLTS, AND PIERS ARE TO BE USED FOR ALL TREES ON GRADE.
 3. FOR PLANTS IN WIRE BASKETS, REFER TO SPECIFICATIONS
 4. DO NOT PLACE MULCH AGAINST ROOT FLARE
 5. DO NOT CUT CENTRAL LEADER

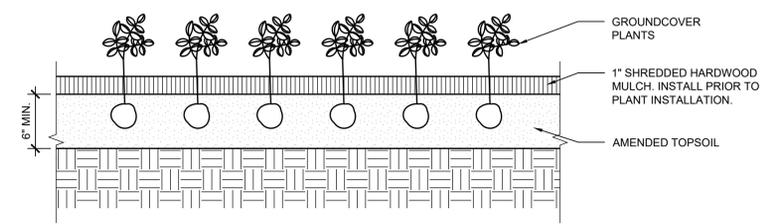
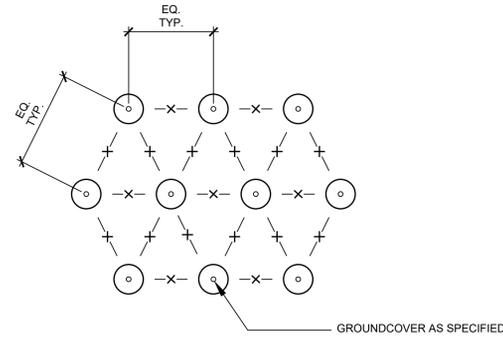
4 TREE PLANTING IN GRADE

1/2"=1'-0"



5 SHRUB AT GRADE

1/2"=1'-0"



- NOTE:
1. REFER TO PLANT LIST FOR SPACING

6 GROUNDCOVER AT GRADE

1/2"=1'-0"

Town of Vienna
Approved
 06/09/2021

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Civil Engineer
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PROJECT NO. 17041 SCALE: As Shown

DRAWN BY: BB,RJ, BH REVIEWED BY: MR

LS-4.10
 PLANTING DETAILS

444 Maple
 Town of Vienna, Virginia

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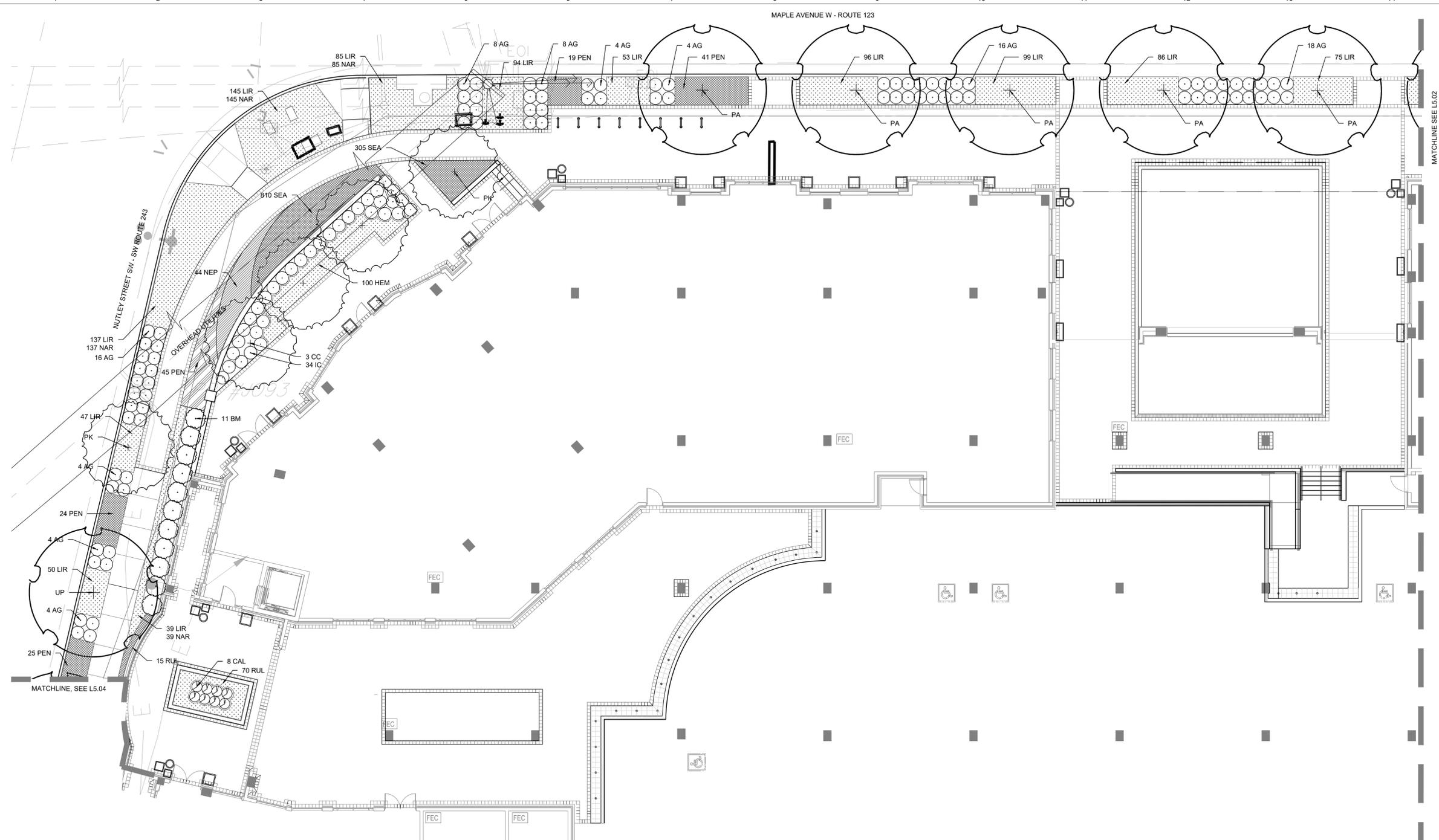
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9 MAC Zone Designation	

PROJECT NO. 17041 SCALE: As Shown

DRAWN BY: BB,RJ, BH REVIEWED BY: MR

LS-5.01
 PLANTING PLAN



1 PLANTING PLAN

1"=10'-0"

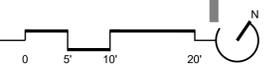
PLANT SCHEDULE

QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS	QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS
SHADE TREES											
1	UP	Ulmus parviflora 'Emer II'	3.5" Cal	B&B	Central Leader	8	CAL	PERENNIALS / GROUNDCOVERS / GRASSES	#1	Cont.	
		Allee Elm			Full Crown			Calamagrostis x acutiflora 'Stricta'			
FLOWERING TREES											
3	CC	Cercis canadensis	10' Ht.	B&B	Multi Stem, 3-5 canes, Matched	1004	LIR	Liriope muscari 'Royal Purple'	#1	Cont.	12" O.C.
		Eastern Redbud						Lilyturf			
5	PA	Platanus x Acerifolia 'Morton Circle'	3.5" Cal	B&B	Central Leader	406	NAR	Narcissus 'Marieke'	DN1	Bulb	12" O.C.
		Exclamation Planetree			Full Canopy, 6' Branching HT.			Daffodil			
2	PK	Prunus serrulate 'Kwanza'	3.5" Cal	B&B	Central Leader	154	PEN	Pennisetum alopecuroides 'Hameln'	#1	Cont.	18" O.C.
		'Kwanzan' Cherry			Full Canopy, 6' Branching HT.			Dwarf Fountain Grass			
SHRUBS											
86	AG	Abelia x grandiflora 'Little Richard'	#5	Cont.	24" Spd.	100	HEM	Hemerocallis 'Stella D'Oro'	#1	Cont.	15" O.C.
		Little Richard Abelia						Stella D'Oro Daylily			
11	BM	Buxus microphylla var. koreana	#7	Cont.	18"-24" Spd.	85	RUL	Rudbeckia 'Fulgida "Little Goldstar"	#1	Cont.	12" O.C.
		Korean Boxwood						Dwarf Black Eyed Susan			
34	IC	Ilex crenata 'Heller'	#5	Cont.	18"-24" Spd.	1115	SEA	ANNUALS	#6	Pot	6" O.C.
		Helleri holly						Seasonal colour			
								Feather Reed Grass			

MAPLE AVENUE MAC ZONE REQUIREMENTS
 THE LANDSCAPE SHOWN MEETS THE REQUIREMENTS OF SEC. 18-95-12 OF THE TOWN OF VIENNA MAC COMMERCIAL ZONE REGULATIONS INCLUDING THE FOLLOWING CONSIDERATIONS:
 • INTERIOR PARKING LOT ISLANDS
 • PERIMETER LANDSCAPING
 • STREET TREES

Town of Vienna
Approved
 06/09/2021

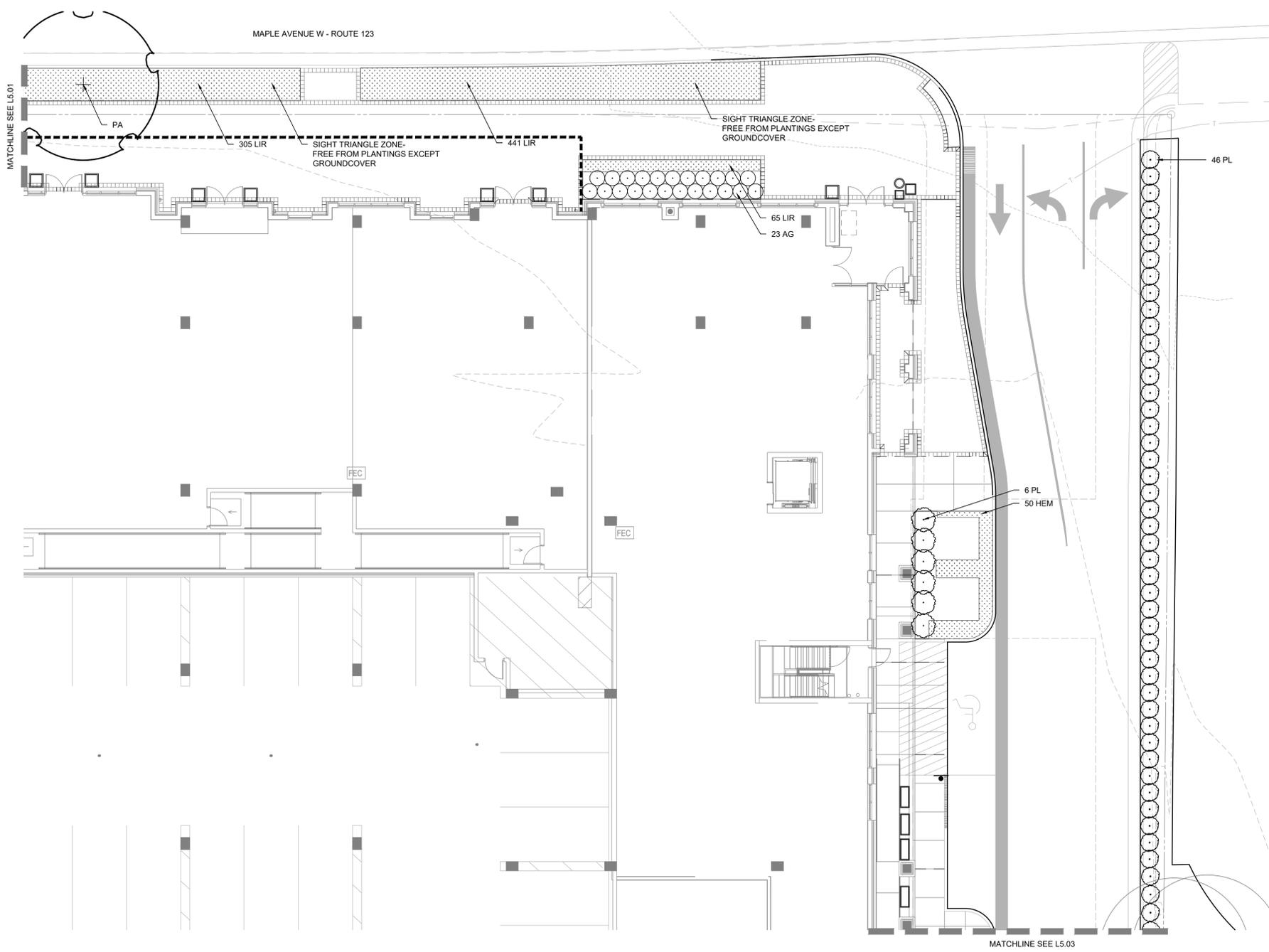
PROPERTY LINE



444 Maple
 Town of Vienna, Virginia

PLANT SCHEDULE

QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS
FLOWERING TREES					
1	PA	Platanus x Acerifolia 'Morton Circle' Exclamation Planetree	3.5" Cal	B&B	Central Leader Full Canopy, 6' Branching HT.
SHRUBS					
23	AG	Abelia x grandiflora 'Little Richard' Little Richard Abelia	#5	Cont.	24" Spd.
52	PL	Prunus laurocerasus 'Schipkaensis' Skip Laurel	#7	Cont.	36" Ht.
PERENNIALS / GROUNDCOVERS / GRASSES					
50	HEM	Hemerocallis 'Stella D'oro' Stella D'oro Daylily	#1	Cont.	18" O.C.
881	LIR	Liriope muscari 'Royal Purple' Lilyturf	#1	Cont.	12" O.C.



1 PLANTING PLAN
 1"=10'-0"

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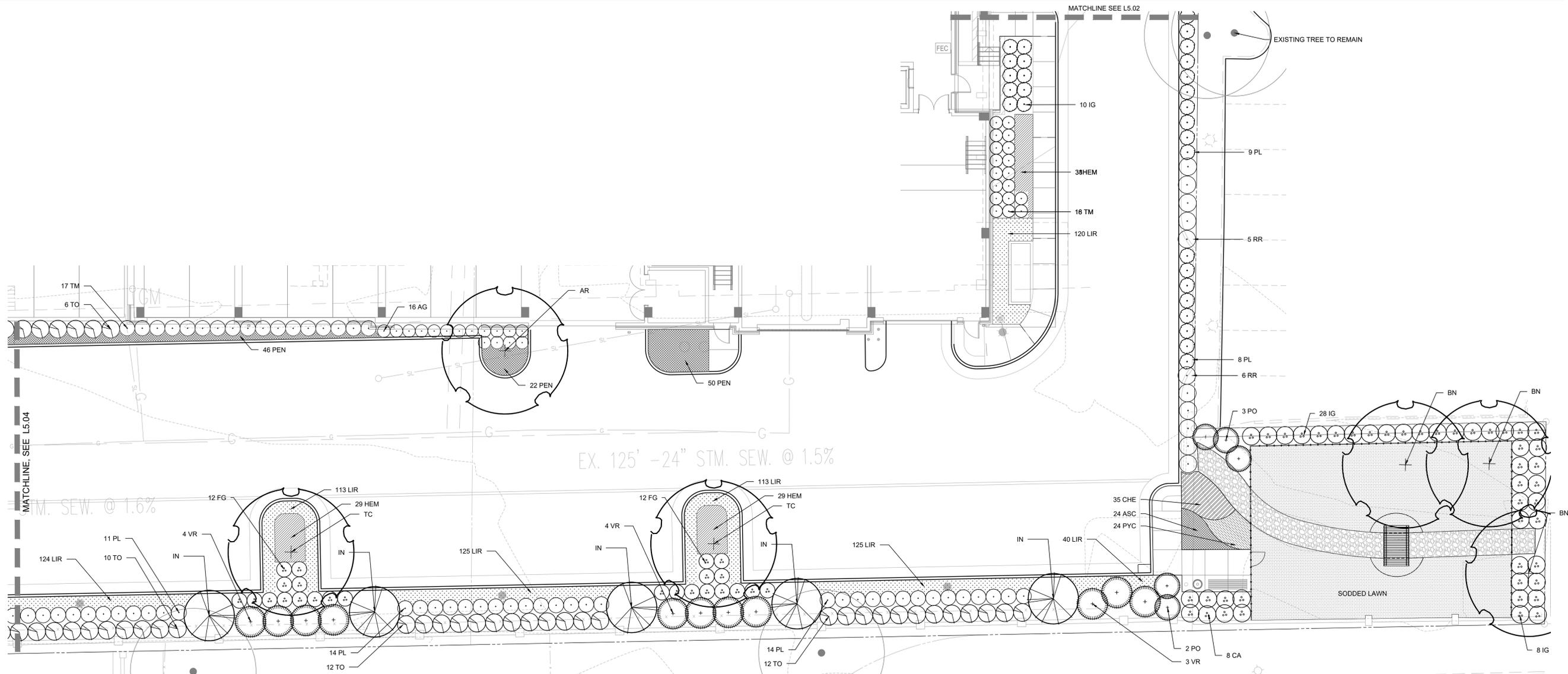
- INTERIOR PARKING LOT ISLANDS
- PERIMETER LANDSCAPING
- STREET TREES

Town of Vienna
Approved
 06/09/2021

PROJECT NO. 17041 SCALE: As Shown

DRAWN BY: BB,RJ, BH REVIEWED BY: MR

444 Maple
 Town of Vienna, Virginia



1 PLANTING PLAN
 1"=10'-0"

PLANT SCHEDULE

QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS	QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS	QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS
SHADE TREES																	
1	AR	Acer rubrum 'Bowhall'	3.5" Cal	B&B	Central Leader	16	AG	Abelia x grandiflora 'Little Richard'	#5	Cont.	24" Spd.	24	ASC	Asclepias tuberosa	SP#4	Cont.	18" O.C.
		Bowhall Red Maple			Full Crown			Little Richard Abelia						Butterfly Weed			
2	TC	Tilia cordata 'Greenspire'	3.5" Cal	B&B	Central Leader	8	CA	Clethra alnifolia	#5	Cont.	24" Spd.	35	CHE	Chelone Glabra	#1	Cont.	18" O.C.
		Greenspire Linden			Full Crown			Sweet Pepperbush						Turtlehead			
3	BN	Betula nigra 'Dura Heat'	10' Ht.	B&B	Multi-Stem, 3-5 canes	24	FG	Fothergilla gardenii	#3	Cont.	18" Ht.	179	HEM	Hemerocallis 'Stella D'oro'	#1	Cont.	18" O.C.
		Dura Heat River Birch			Matched Specimens			Dwarf Fothergilla						Stella D'oro Daylily			
EVERGREEN TREES																	
5	IN	Ilex x 'Nellie R. Stevens'	8' Ht.	B&B	Male, Full to Ground	46	IG	Ilex glabra 'Compacta'	#5	Cont.	24" Spd.	760	LIR	Liriope muscari 'Royal Purple'	#1	Cont.	12" O.C.
		Nellie Stevens Holly						Compact Inkberry						Lilyturf			
40	TO	Thuja occidentalis 'Emerald'	6' Ht.	B&B	Male, Full to Ground	56	PL	Prunus laurocerasus 'Schipkaensis'	#7	Cont.	36" Ht.	118	PEN	Pennisetum alopecuroides 'Hameln'	#1	Cont.	18" O.C.
		Emerald Arborvitae						Skip Laurel						Dwarf Fountain Grass			
						5	PO	Physocarpus opulifolius 'Summer Wine'	#7	Cont.	36" Spd.	24	PYC	Pycnanthemum muticum	#1	Cont.	18" O.C.
								Ninebark						Mountainmint			
						11	RR	Rosa 'Radrazz'	#5	Cont.	18"-24" Ht.						
								Knock Out Rose									
						33	TM	Taxus x media 'Densiformis'	24" Spd.	B&B	Full, Matched						
								Densiformis Yew									
						11	VR	Viburnum rhytidophyllum	42" Spd.	B&B	Full, Matched						
								Leatherleaf Viburnum									

MAPLE AVENUE MAC ZONE REQUIREMENTS

THE LANDSCAPE SHOWN MEETS THE REQUIREMENTS OF SEC. 18-95-12 OF THE TOWN OF VIENNA MAC COMMERCIAL ZONE REGULATIONS INCLUDING THE FOLLOWING CONSIDERATIONS:

- INTERIOR PARKING LOT ISLANDS
- PERIMETER LANDSCAPING
- STREET TREES

Town of Vienna
Approved
 06/09/2021

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8 Preliminary Application for MAC Zone Designation	04/29/20

PROJECT NO.
 17041

SCALE:
 As Shown

DRAWN BY:
 BB,RJ, BH

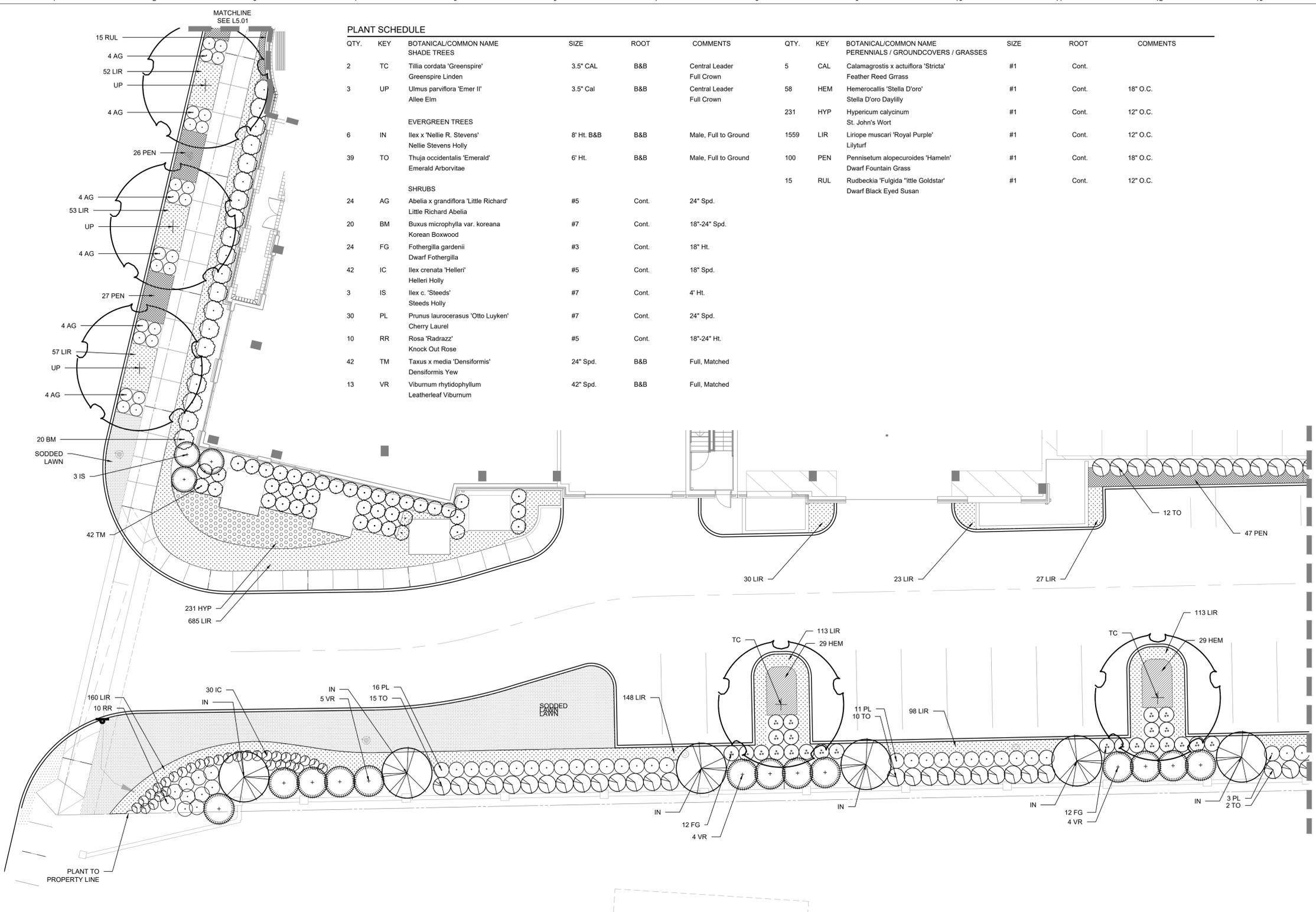
REVIEWED BY:
 MR

LS-5.03
 PLANTING PLAN

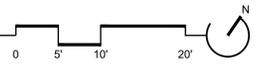
444 Maple
 Town of Vienna, Virginia

PLANT SCHEDULE

QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS	QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS
SHADE TREES											
2	TC	Tilia cordata 'Greenspire'	3.5" CAL	B&B	Central Leader	5	CAL	Calamagrostis x actuliflora 'Stricta'	#1	Cont.	
		Greenspire Linden			Full Crown			Feather Reed Grass			
3	UP	Ulmus parviflora 'Emer II'	3.5" Cal	B&B	Central Leader	58	HEM	Hemerocallis 'Stella D'oro'	#1	Cont.	18" O.C.
		Allele Elm			Full Crown			Stella D'oro Daylily			
EVERGREEN TREES											
6	IN	Ilex x 'Nellie R. Stevens'	8' Ht. B&B	B&B	Male, Full to Ground	1559	LIR	Liriope muscari 'Royal Purple'	#1	Cont.	12" O.C.
		Nellie Stevens Holly						Lilyturf			
39	TO	Thuja occidentalis 'Emerald'	6' Ht.	B&B	Male, Full to Ground	100	PEN	Pennisetum alopecuroides 'Hameln'	#1	Cont.	18" O.C.
		Emerald Arborvitae						Dwarf Fountain Grass			
SHRUBS											
24	AG	Abelia x grandiflora 'Little Richard'	#5	Cont.	24" Spd.			Rudbeckia 'Fulgida' 'Little Goldstar'	#1	Cont.	12" O.C.
		Little Richard Abelia						Dwarf Black Eyed Susan			
20	BM	Buxus microphylla var. koreana	#7	Cont.	18"-24" Spd.						
		Korean Boxwood									
24	FG	Fothergilla gardenii	#3	Cont.	18" Ht.						
		Dwarf Fothergilla									
42	IC	Ilex crenata 'Helleri'	#5	Cont.	18" Spd.						
		Helleri Holly									
3	IS	Ilex c. 'Steeds'	#7	Cont.	4' Ht.						
		Steeds Holly									
30	PL	Prunus laurocerasus 'Otto Luyken'	#7	Cont.	24" Spd.						
		Cherry Laurel									
10	RR	Rosa 'Radrazz'	#5	Cont.	18"-24" Ht.						
		Knock Out Rose									
42	TM	Taxus x media 'Densiformis'	24" Spd.	B&B	Full, Matched						
		Densiformis Yew									
13	VR	Viburnum rhytidophyllum	42" Spd.	B&B	Full, Matched						
		Leatherleaf Viburnum									



1 PLANTING PLAN
 1"=10'-0"



Town of Vienna
Approved
 06/09/20
 MAPLE AVENUE TO GARDEN REQUIREMENTS
 THE LANDSCAPE SHOWN MEETS THE REQUIREMENTS OF SEC. 8-95-12 OF THE TOWN OF VIENNA COMMERCIAL ZONE REGULATIONS INCLUDING THE FOLLOWING CONSIDERATIONS:
 • INTERIOR PARKING LOT BEANBO
 • PERIMETER LANDSCAPING
 • STREET TREES

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Preliminary Application for	
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Preliminary Application for	
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PROJECT NO. 17041 SCALE: As Shown

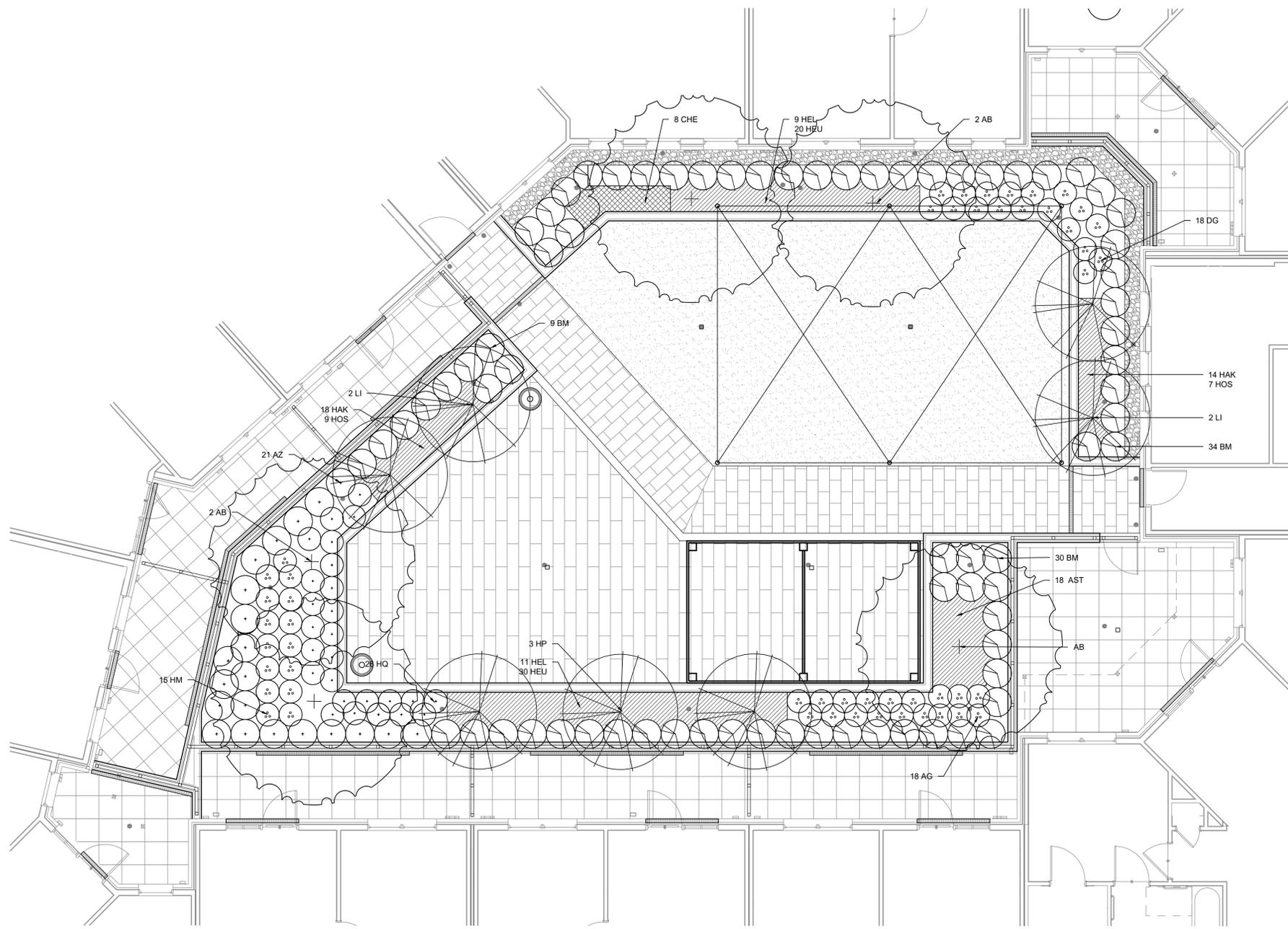
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LS-5.04
 PLANTING PLAN

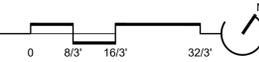
444 Maple
 Town of Vienna, Virginia

MASTER PLANT SCHEDULE

QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS
SHADE TREES					
5	AB	Acer rubrum 'Bowhall' Bowhall Maple	3" Cal.	B&B	Central Leader Full Crown
FLOWERING TREES					
4	LI	Lagerstroemia indica 'Apalachee' Crape Myrtle	8' Ht.	B&B	Multi-Stem, 3-5 canes Matched Specimens
3	HP	Hydrangea panniculata 'Pee Gee' Pee Gee Hydrangea	6' Ht.	B&B	Tree Form, Standard Matched Specimens
SHRUBS					
21	AZ	Azalea 'Tradition' Tradition Azalea	#5	Cont.	24" Spd. Full, Matched
18	AG	Azalea 'Gumpo White' Dwarf White Azalea	#5	Cont.	18" Spd. Full, Matched
73	BM	Buxus microphylla var. japonica 'Winter Gem' Winter Gem Boxwood	24" Spd.	B&B	Full, Matched
15	HM	Hydrangea macrophylla Winter Gem Boxwood	#5	Cont.	18" Spd. Full, Matched
26	HQ	Hydrangea quercifolia 'Sike's Dwarf' Dwarf Oakleaf Hydrangea	#3	Cont.	18" Spd. Full, Matched
18	DG	Deutzia x 'Yuki Cherry Blossom' Cherry Blossom Deutzia	#3	Cont.	18" Spd. Full, Matched
PERENNIALS / GROUNDCOVERS / GRASSES					
20	HEL	Helleborus 'Penny's Pink' Lenten Rose	#2	Cont.	24" O.C.
16	HOS	Hosta x 'First Frost' Hosta	#1	Cont.	18" O.C.
32	HAK	Hakonechloa macra 'Aureola' Japanese Forest Grass	#1	Cont.	12" O.C.
8	CHE	Chelone glabra White Turtlehead	#1	Cont.	18" O.C.
50	HEU	Heuchera x micrantha 'Palace Purple' Coral Bells	#1	Cont.	15" O.C.



1 PLANTING PLAN - COURTYARD WEST
 3/16"=1'-0"



MAPLE AVENUE MAC ZONE REQUIREMENTS
 THE LANDSCAPE SHOWN MEETS THE REQUIREMENTS OF
 SEC. 18-95-12 OF THE TOWN OF VIENNA MAC COMMERCIAL
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 06/09/2021

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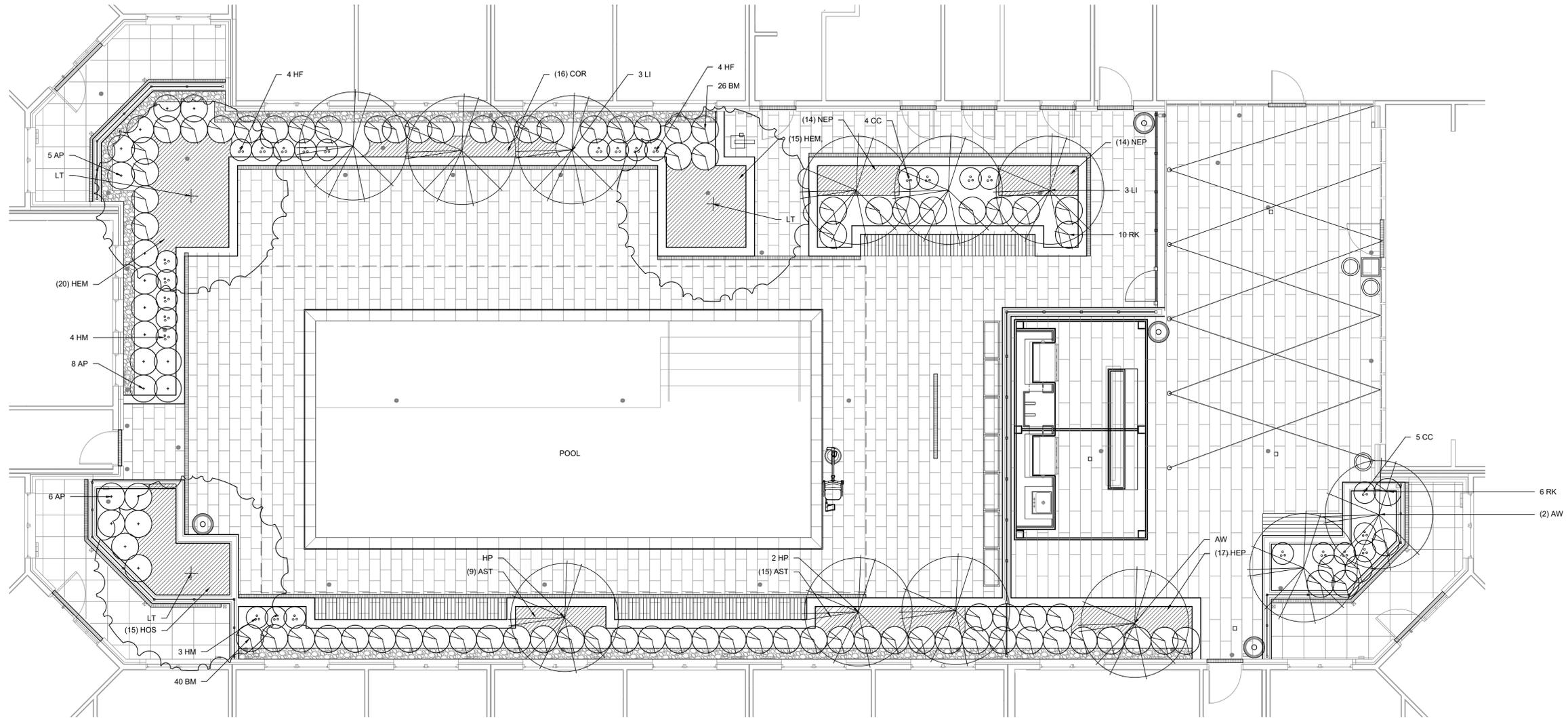
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SCALE:
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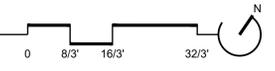
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LS-5.05
 PLANTING PLAN

444 Maple
 Town of Vienna, Virginia

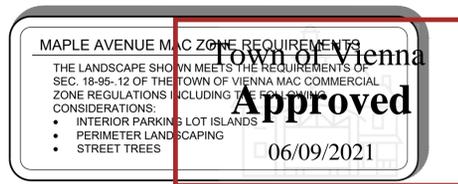


1 PLANTING PLAN - COURTYARD EAST
 3/16"=1'-0"



MASTER PLANT SCHEDULE

QTY.	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT	COMMENTS
FLOWERING TREES					
3	AW	Acer palmatum 'Wolff'	2" Cal.	B&B	Matched Specimens
6	LI	Emperor I Japanese Maple	8' Ht.	B&B	Multi-Stem, 3-5 canes
3	LT	Lagerstroemia indica 'Tuscarora'	10' Ht.	B&B	Multi-Stem, 3-5 canes
19	AP	Azalea 'Girard Pleasant White'	#5	Cont.	21" Spd.
66	BM	Buxus microphylla var. japonica 'Winter Gem'	24" Spd.	B&B	Full, Matched
9	CC	Caryopteris x clandoensis 'Inoveris'	#2	Cont.	15"-18" Spd.
8	HF	Hydrangea paniculata 'Komavesu'	#3	Cont.	18"-24" Spd.
7	HM	Hydrangea macrophylla 'Pia'	#3	Cont.	18" Spd.
3	HP	Hydrangea paniculata 'Pee Gee'	6' Ht.	B&B	Tree Form, Standard
16	RK	Rosa 'KORhopiko'	#5	Cont.	Full, Matched
PERENNIALS / GROUNDCOVERS / GRASSES					
24	AST	Astilbe japonica 'Rheinland'	#1	Cont.	18" O.C.
16	COR	Coreopsis verticillata 'Moonbeam'	#1	Cont.	18" O.C.
35	HEM	Hemerocallis 'Hyperion'	#1	Cont.	18" O.C.
17	HEP	Heuchera x micrantha 'Palace Purple'	#1	Cont.	15" O.C.
15	HOS	Hosta 'Francee'	#1	Cont.	18" O.C.
28	NEP	Nepeta x faassenii 'Walker's Low'	#1	Cont.	15" O.C.



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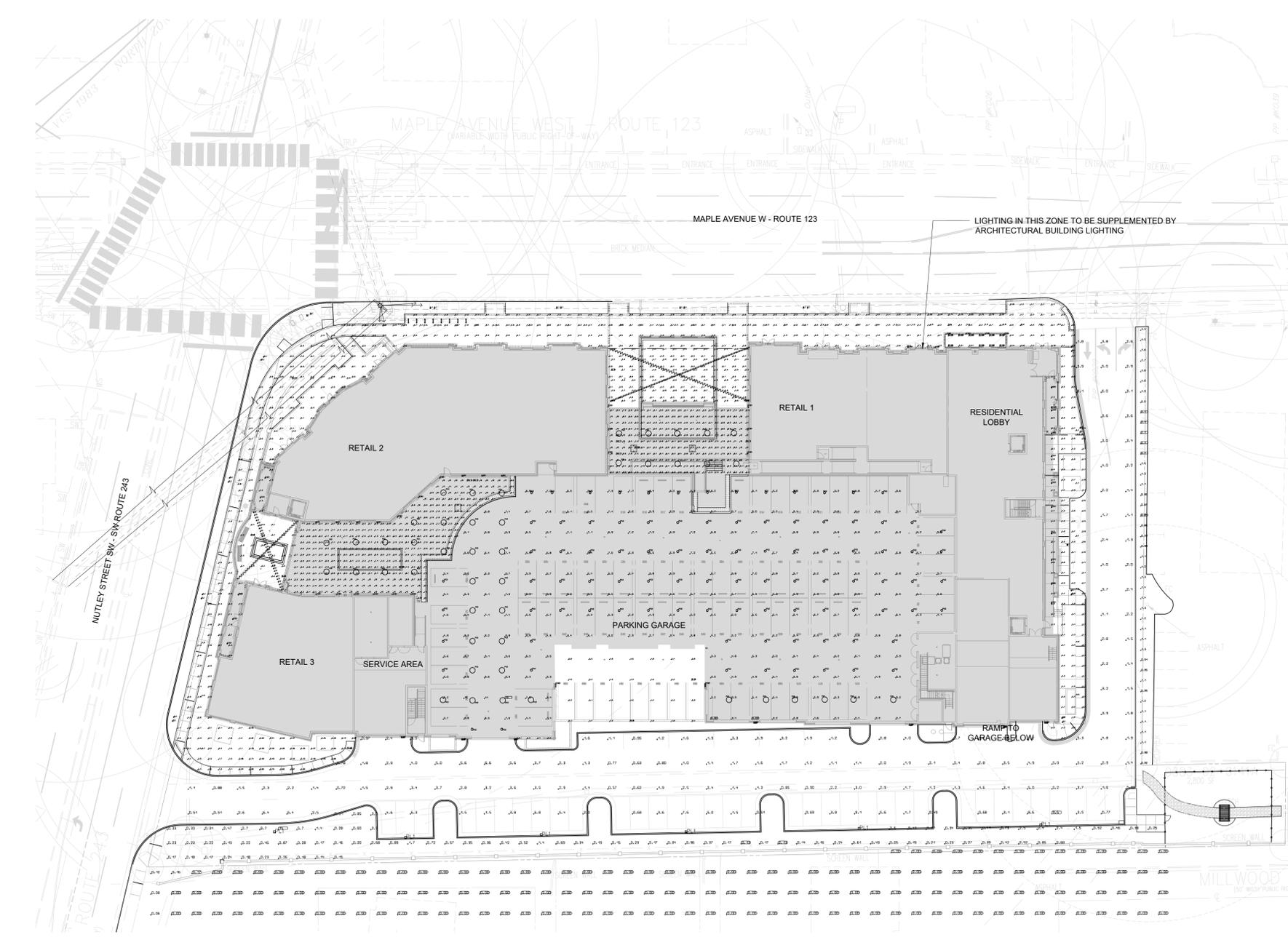
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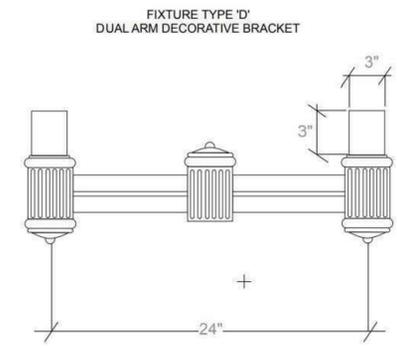
LS-5.06
 PLANTING PLAN



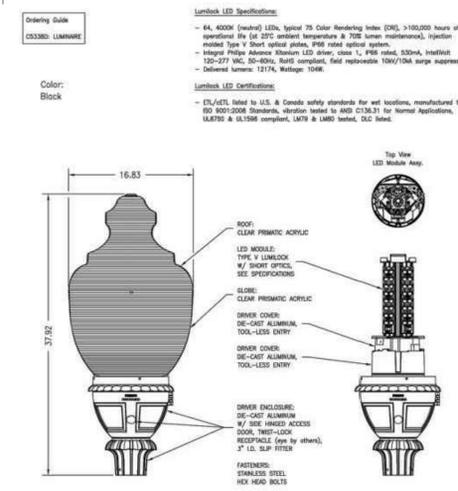
1 LIGHTING PLAN
 1"=30'-0"

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lumens	Watts	LLF	Description	Manufacturer
	13	SL1	Town Standard Light Pole	12194	104.5	0.85	2 x Narrow Refractive Globe, LED, Acrylic Roof, Wide Type 5 Optic	Signify/Hadco
	4	EXB1	Bollard	260	3	0.85	MIMIK 20 M 15W 730 Type IV 0-10V (Derated Power Supply)	Performance in Lighting
	16	EXW1	Wall Mount	1319	15	0.85	MIMIK 20 M 15W 730 Type IV 0-10V	Performance in Lighting
	9	EXW2	Wall Mount	5520	63	0.085	MIMIK 50 M 53W 830 Type IV 0-10V	Performance in Lighting
	112	LS1	Strand	87	1	0.85	LITESPHERE VHO 2700K Clear Globe	Tivoli
	44	PG1	Covered Parking Pendant	3000	35	0.85	Michelle 36" Pendant (Derated Power Supply)	Birchwood Lighting
	93	PG2	Covered Parking Pendant	2500	25	0.85	NELLUS w/ CLR Polycarbonate Dome Lens, 3000K (Derated Power Supply)	CGF Design
	6	PL1	Covered Lot 8' Pole	7668	55.7	0.085	EcoForm Area LED ECF - Small, 32 LED's, 4000K CCT, TYPE 5W OPTIC	Signify/Gardco
	15	EXD1	Recessed Downlights	1058	17	0.085	WG-100RPTD-RBT-M-935-D010-RRC-R50-110-W	Whitegoods

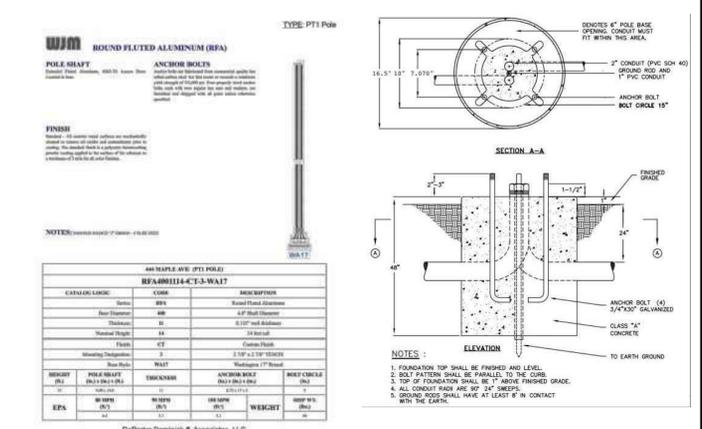
Calculation Summary								
Label	Calc Type	Units	Avg.	Max.	Min.	Avg/Min	Max/Min	Description
Sidewalk	illumiance	fc	3.16	7.61	0.65	4.58	11.25	5ft Grid
Parking and Drive	illumiance	fc	2.65	8.22	0.5	5.3	16.44	10ft Grid
Covered Parking	illumiance	fc	6.33	11.1	1.5	4.22	7.4	10ft Grid
Property Line	illumiance	fc	2.24	6.68	0	N.A.	N.A.	10ft Spacing
Light Trespass	illumiance	fc	0.004	0.0079	0	N.A.	N.A.	10ft Grid



2 SL1 BRACKET



3 SL1 LUMINAIRE



4 SL1 POLE

Town of Vienna
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LS-6.00
 LIGHTING PLAN