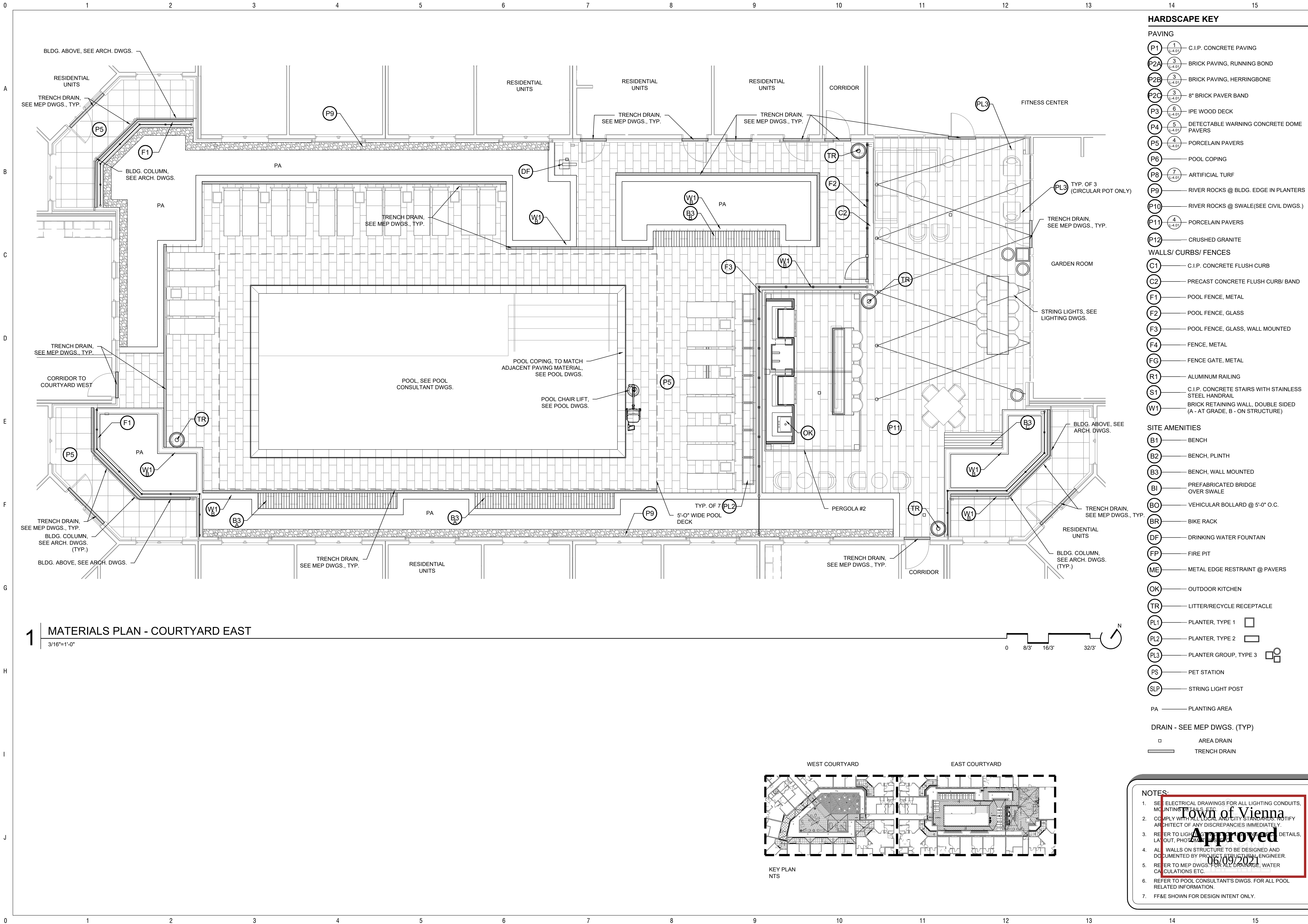




1 MATERIALS PLAN - COURTYARD EAST
3/16"=1'-0"

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

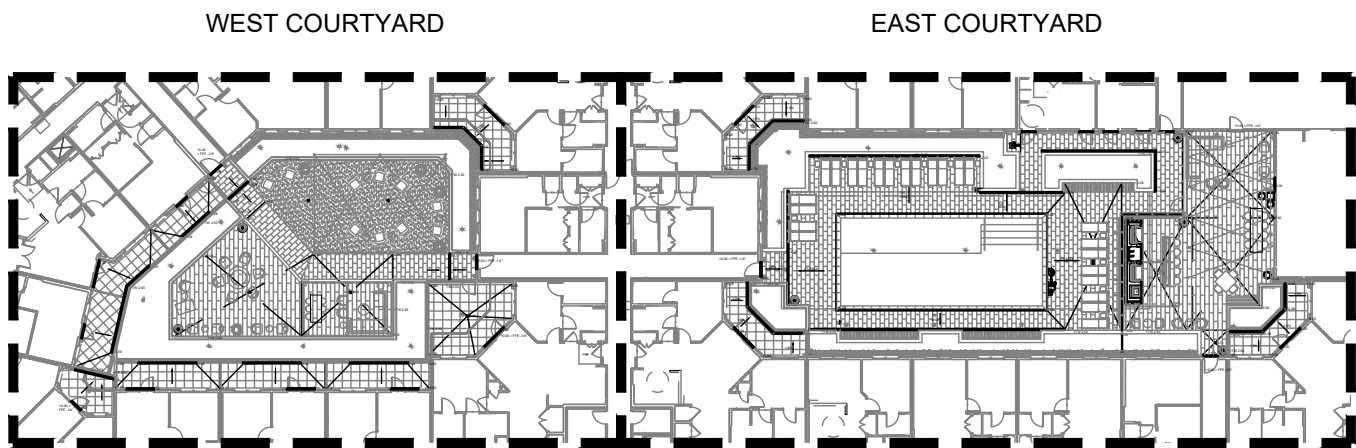
PA PLANTING AREA

DRAIN - SEE MEP DWGS. (TYP)

- AREA DRAIN
- TRENCH DRAIN

NOTES:

- SEE ELECTRICAL DRAWINGS FOR ALL LIGHTING CONDUITS, MOUNTING DETAILS, ETC.
- COMPLY WITH ALL LOCAL AND CITY STANDARDS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.
- REFER TO LIGHTING SCHEDULE FOR ALL LIGHTING DETAILS, LAYOUT, PHOTOMETRIC DATA, ETC.
- ALL WALLS ON STRUCTURE TO BE DESIGNED AND DOCUMENTED BY PROJECT STRUCTURAL ENGINEER.
- REFER TO MEP DWGS. FOR ALL DRAINAGE, WATER CALCULATIONS ETC.
- REFER TO POOL CONSULTANT'S DWGS. FOR ALL POOL RELATED INFORMATION.
- FF&E SHOWN FOR DESIGN INTENT ONLY.



KEY PLAN
NTS

MAHAN RYKIEL
ASSOCIATES
P.C.
Whitehall Mill 3300 Clippert Mill Road
Suite 200 Baltimore, MD 21211 410.235.6001

444 Maple
Town of Vienna, Virginia

Owner
Hekerman & Co., Inc.
505 Main Street, P.O. Box 667
Hackensack, NJ, 07602
1.201.487.1500

Architect
KTGY
8609 Westwood Center Dr #600
Tysons, VA 22182
1.703.245.1090

Civil Engineer
Walter L. Phillips
207 PARK AVENUE
Falls Church, VA 22046
1.703.532.6163

SEAL

ISSUED FOR	DATE
Preliminary Application for 1 MAC Zone Designation	12/06/17
Preliminary Application for 2 MAC Zone Designation	02/15/18
Preliminary Application for 3 MAC Zone Designation	04/11/18
Preliminary Application for 4 MAC Zone Designation	04/11/18
Preliminary Application for 5 MAC Zone Designation	06/25/18
6 Work Session	10/04/18
Preliminary Application for 7 MAC Zone Designation	10/29/18
Preliminary Application for 8 MAC Zone Designation	04/29/20

PROJECT NO.
17041

DRAWN BY :
BB,RJ, BH

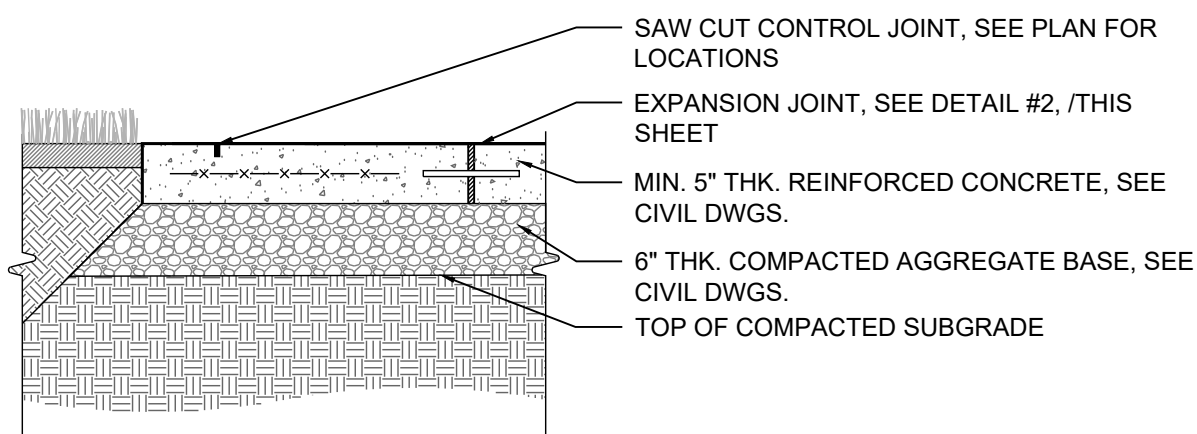
SCALE :
As Shown

REVIEWED BY :
MR

LS-1.06
LEVEL 2
EAST MATERIALS PLAN

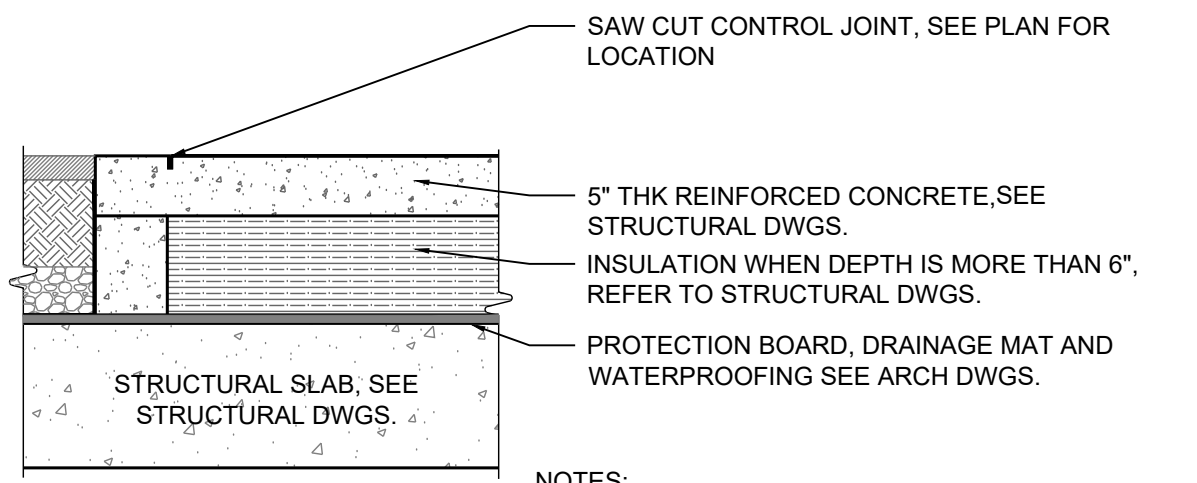
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A



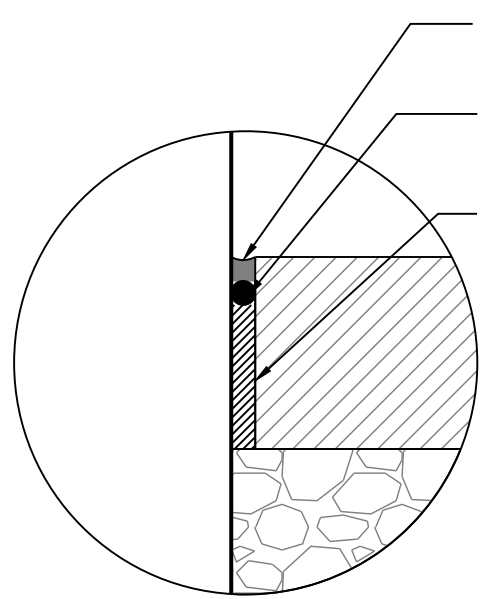
A - PEDESTRIAN CONCRETE ON GRADE

B

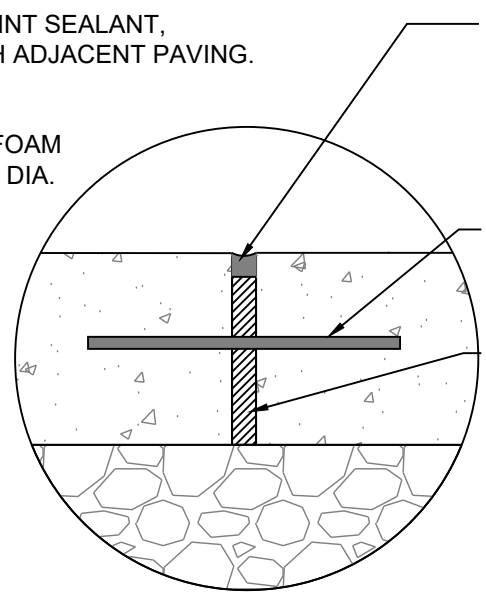


B - PEDESTRIAN CONCRETE ON ROOF

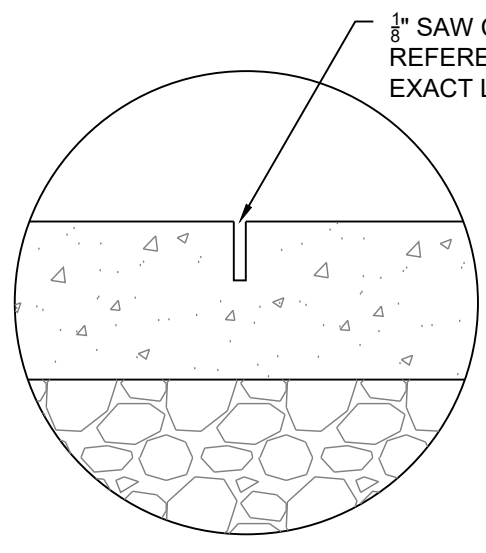
- NOTES:
- EXPANSION JOINTS AT 20' O.C. UNLESS OTHERWISE SHOWN ON PLAN.
 - INSTALL EXPANSION JOINTS WHEN CONCRETE ABUTS A RIGID SURFACE SUCH AS BUILDINGS, WALLS, VERTICAL ELEMENTS OR AS SHOWN ON PLAN.
 - SEE CIVIL ENGINEER'S SPECIFICATIONS FOR CONCRETE.
 - REFER TO STRUCTURAL DWGS. FOR CONCRETE SLAB AND STEM WALLS ON STRUCTURE.



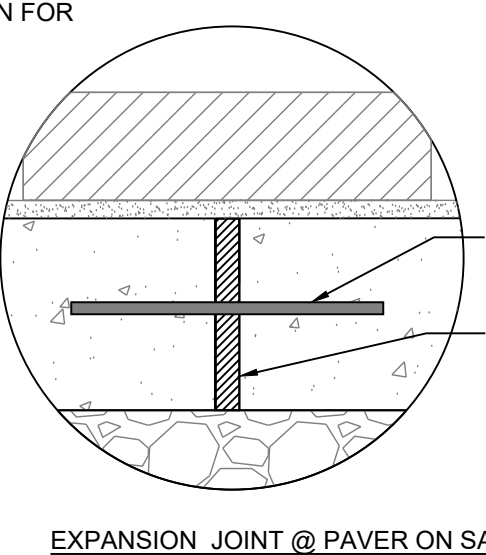
EXPANSION JOINT @ VERTICAL FACE (WALLS, CURBS, BUILDINGS & STRUCTURES)



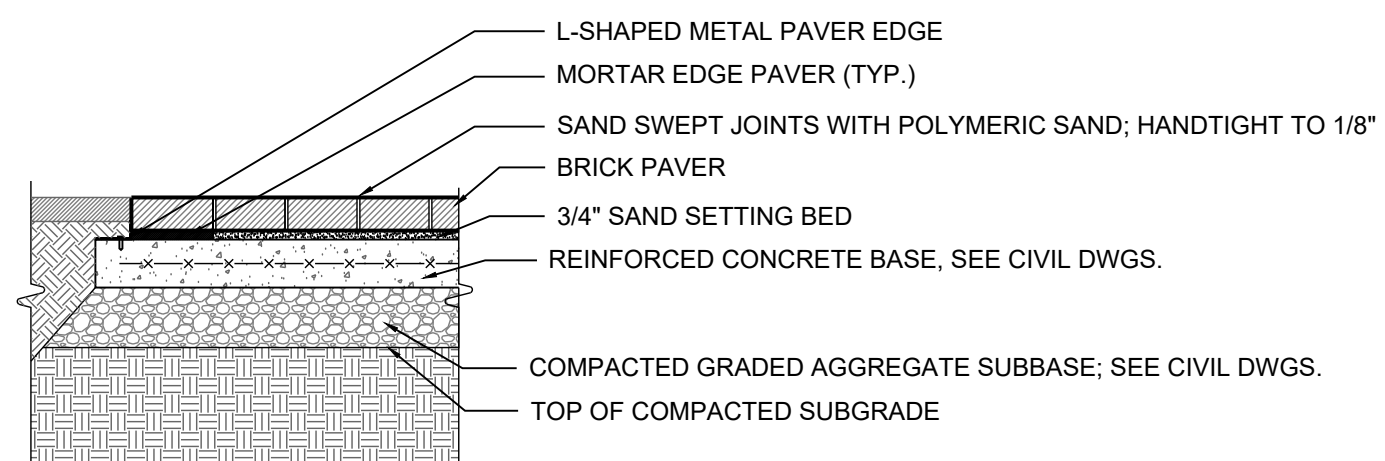
EXPANSION JOINT @ CONCRETE



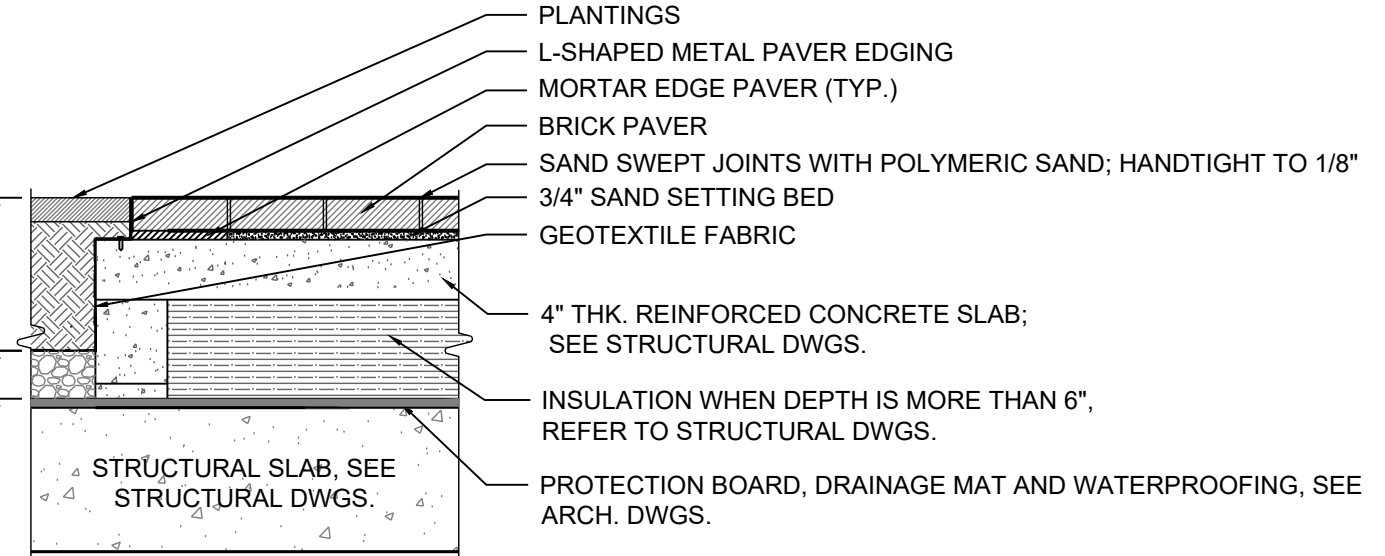
CONTRACTION JOINT @ CONCRETE



EXPANSION JOINT @ PAVER ON SAND SETTING BED

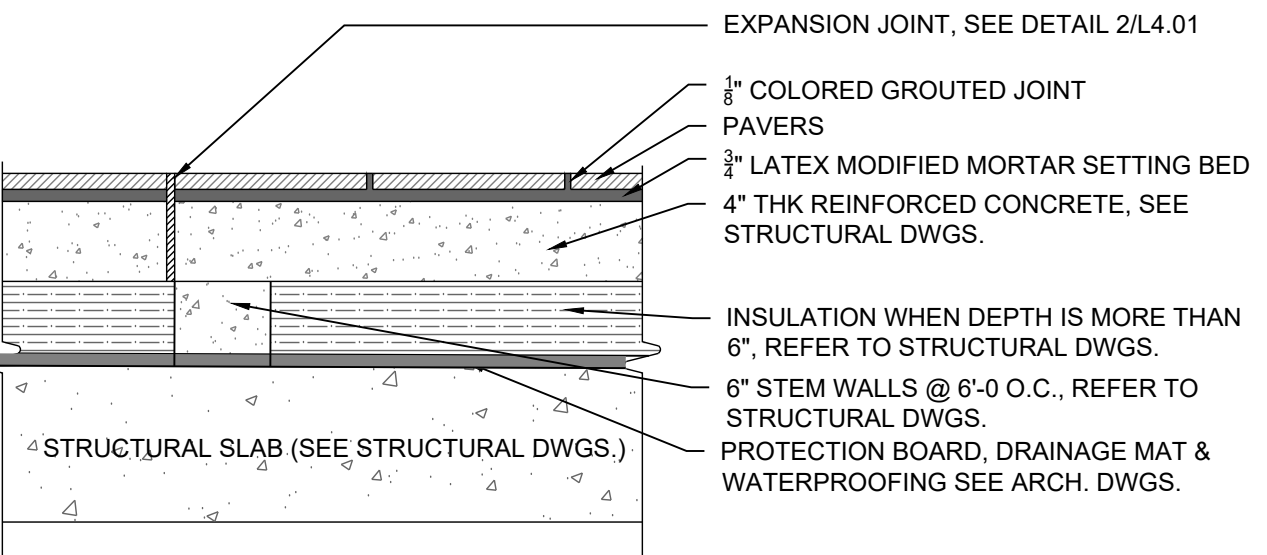


A - BRICK PAVERS ON GRADE



B - PAVERS ON STRUCTURE

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



- NOTES:
- EXPANSION JOINTS AT 20' O.C. IN CONCRETE BASE UNLESS OTHERWISE NOTED.
 - ADD EXPANSION JOINTS WHEN PAVERS ABUT A RIGID SURFACE SUCH AS BUILDINGS, WALLS, OR CHANGES IN MATERIAL.
 - 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"

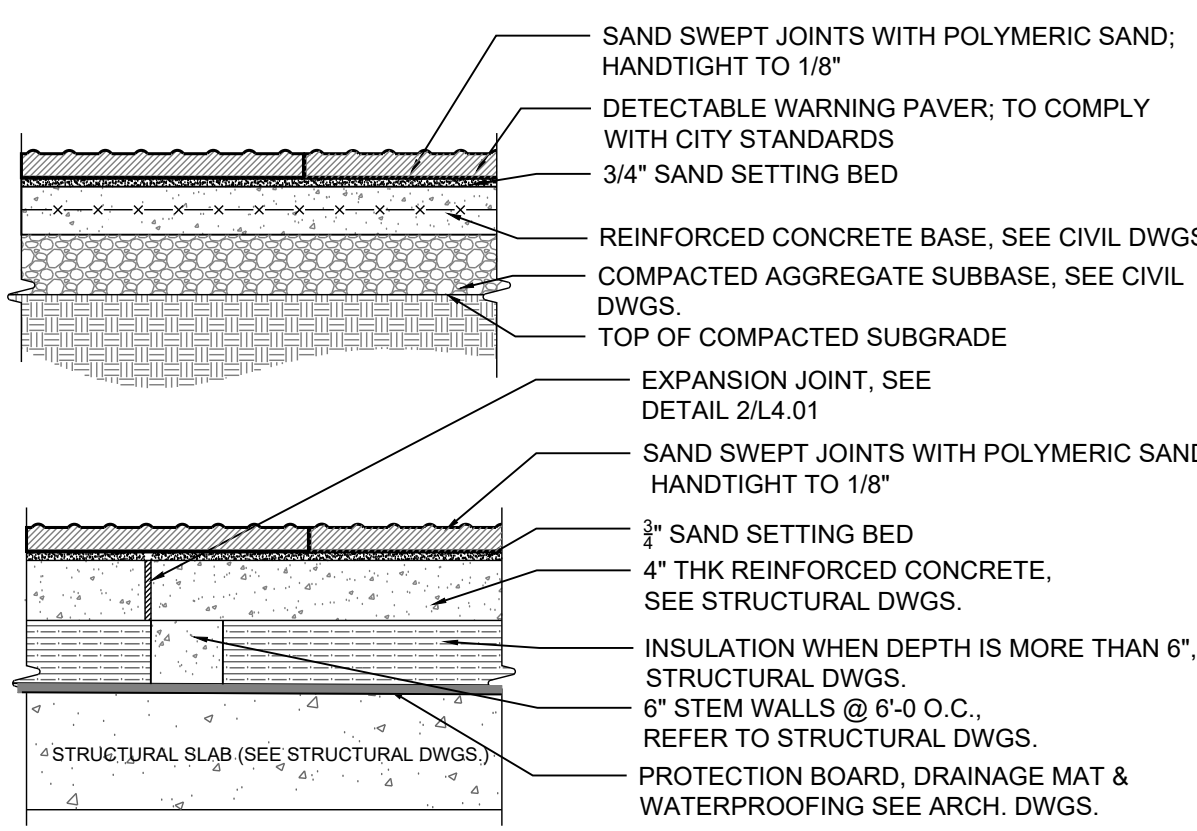
3 BRICK PAVING

3/4"=1'-0"

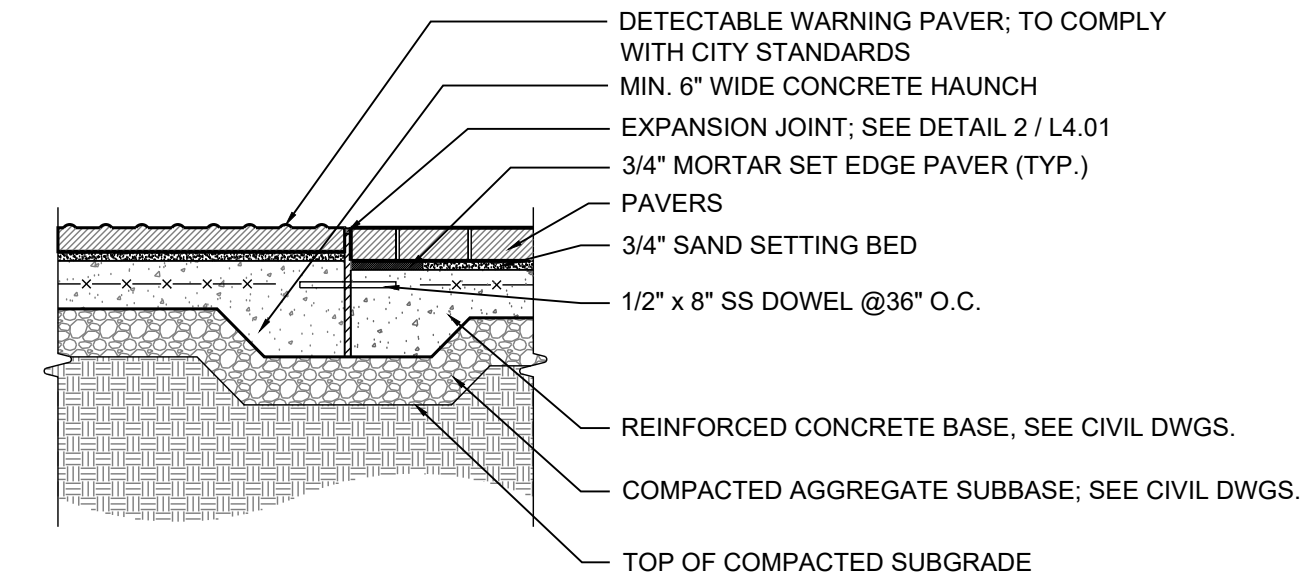
4 PORCELAIN PAVERS (MORTARED)

1"=1'-0"

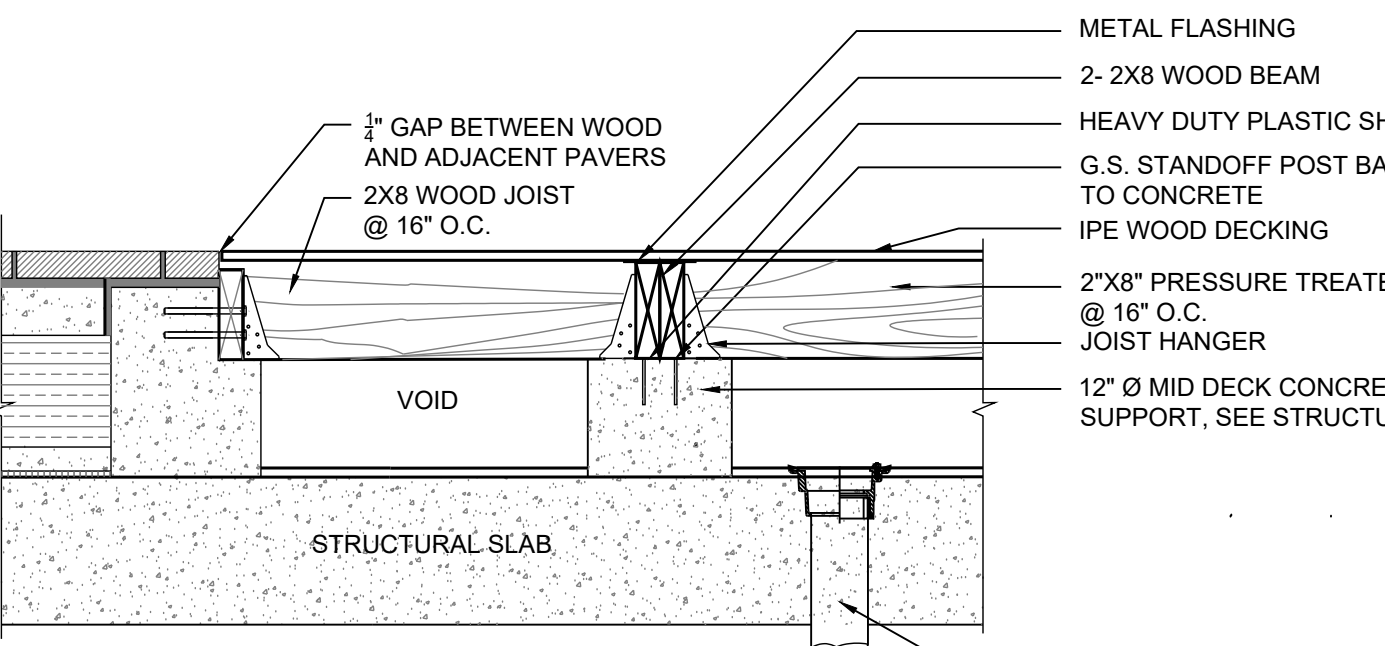
E



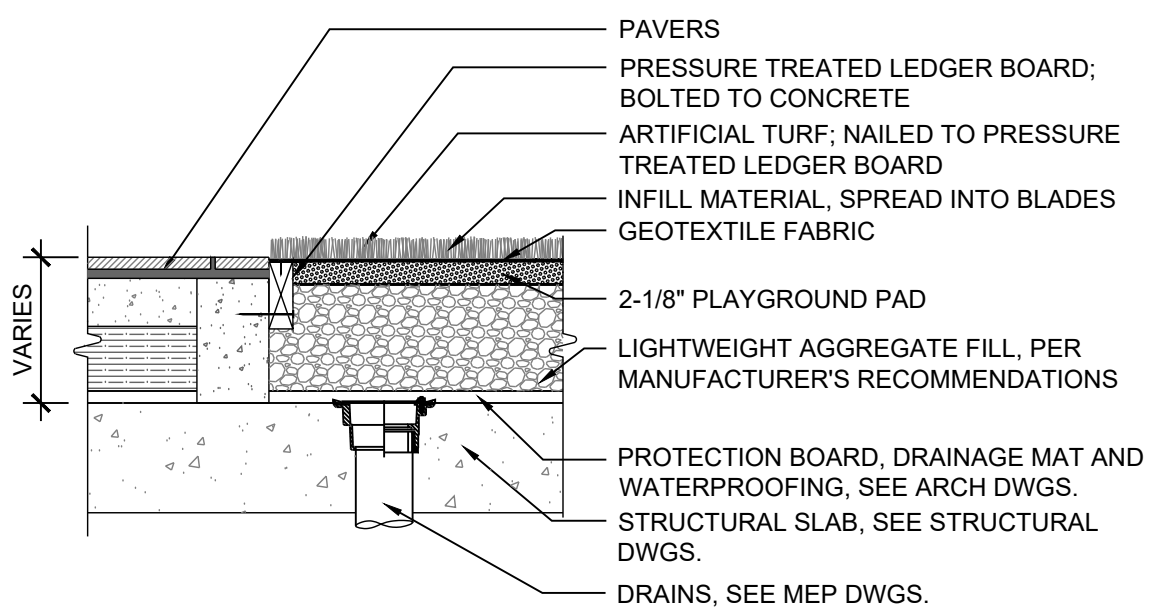
- NOTES:
- EXPANSION JOINTS AT 20' O.C. IN CONCRETE BASE UNLESS OTHERWISE NOTED.
 - ADD EXPANSION JOINTS WHEN PAVERS ABUT A RIGID SURFACE SUCH AS BUILDINGS, WALLS, OR CHANGES IN MATERIAL.
 - REFER TO STRUCTURAL DWGS. FOR CONCRETE SLAB AND STEM WALLS ON STRUCTURE.



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



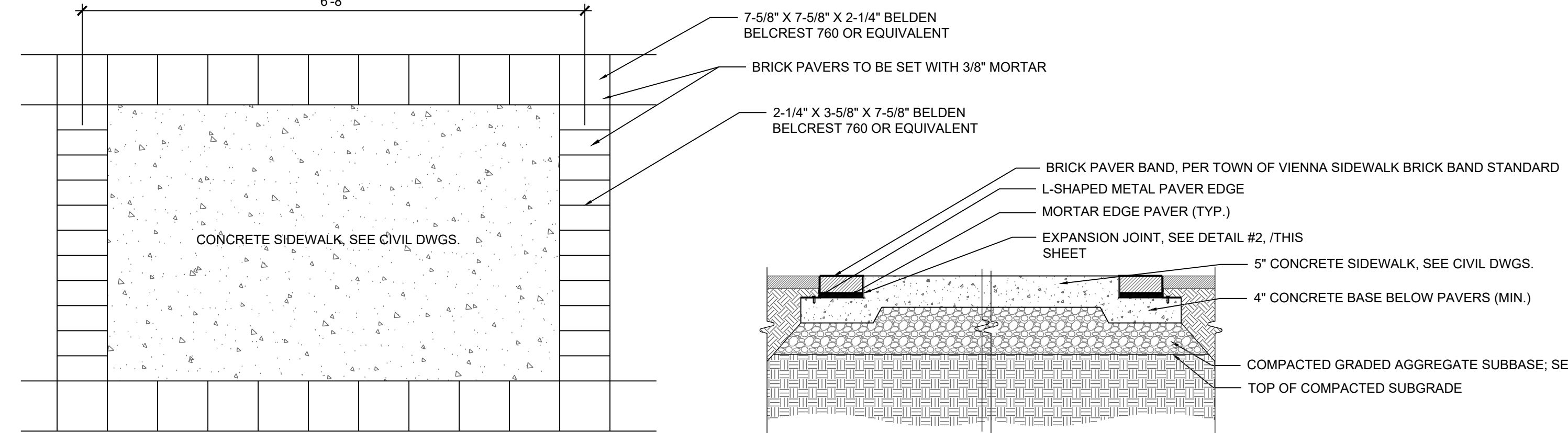
- NOTES:
- REFER TO STRUCTURAL DWGS. FOR STRUCTURAL SLAB ELEVATIONS AND DETAILS / REINFORCEMENT
 - REFER TO MEP DWGS. FOR DRAINS ETC.
 - REFER TO ARCH. DWGS. FOR WATERPROOFING AND ALL ROOF LAYERS
 - CONTRACTOR TO SUBMIT SHOP DWGS. FOR ALL DECKS, DETAILS AND USE HIDDEN FASTENERS
 - THERE SHOULD BE NO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



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

5 DETECTABLE WARNING CONCRETE DOME PAVERS

3/4"=1'-0"



8 BRICK BAND @ CONCRETE SIDEWALK (NUTLEY)

3/4"=1'-0"

6 WOOD DECK

3/4"=1'-0"

7 ARTIFICIAL TURF

3/4"=1'-0"

ISSUED FOR	DATE
1 Preliminary Application for MAC Zone Designation	12/06/17
2 Preliminary Application for MAC Zone Designation	02/15/18
3 Preliminary Application for MAC Zone Designation	04/11/18
4 Preliminary Application for MAC Zone Designation	04/11/18
5 Preliminary Application for MAC Zone Designation	06/25/18
6 Work Session	10/04/18
7 Preliminary Application for MAC Zone Designation	10/29/18
8 Preliminary Application for MAC Zone Designation	04/29/20

Town of Vienna
Approved
06/09/2021

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A

B

C

D

E

F

G

H

I

J

0

1

2

3

4

5

6

7

8

9

10

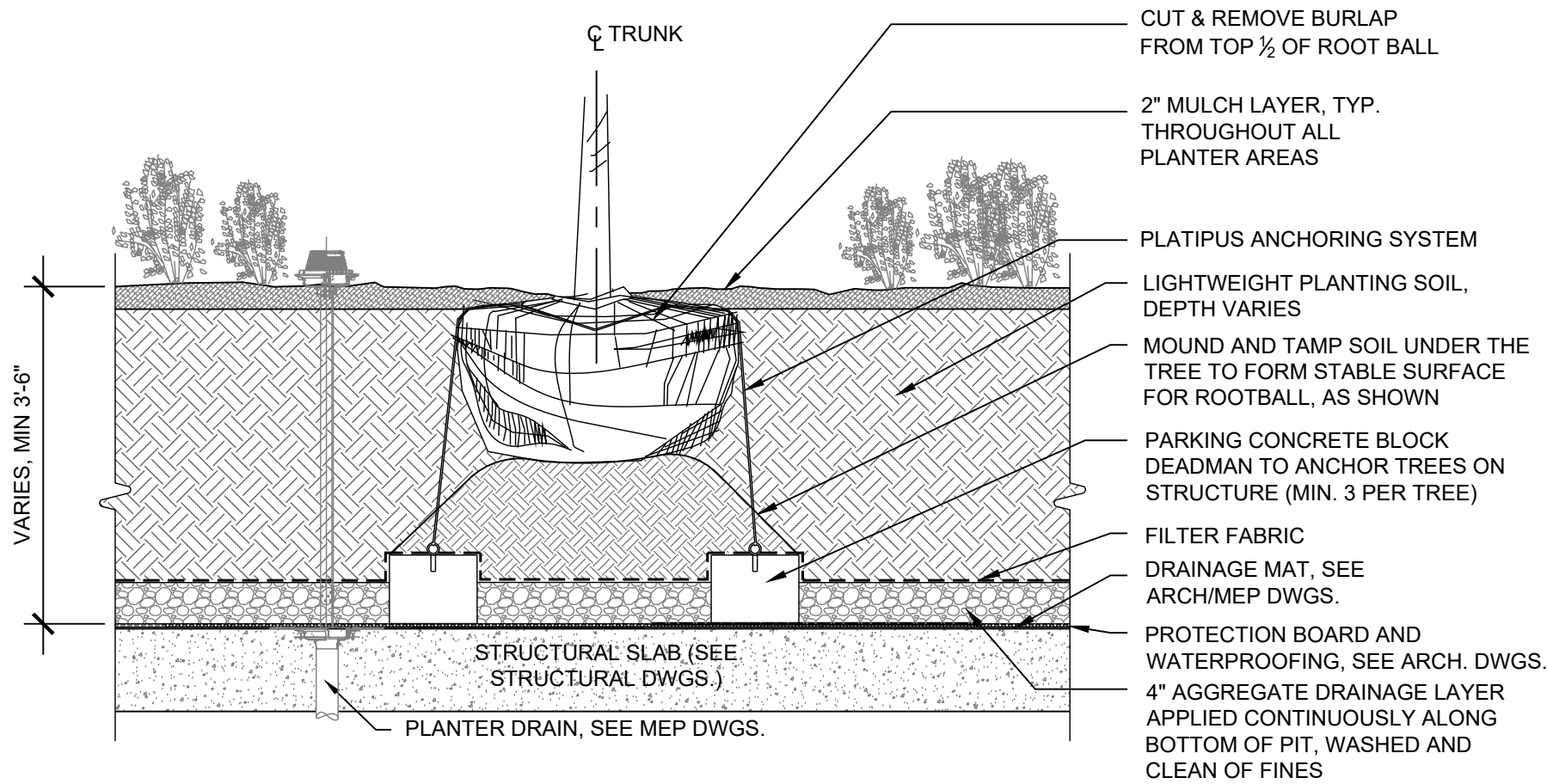
11

12

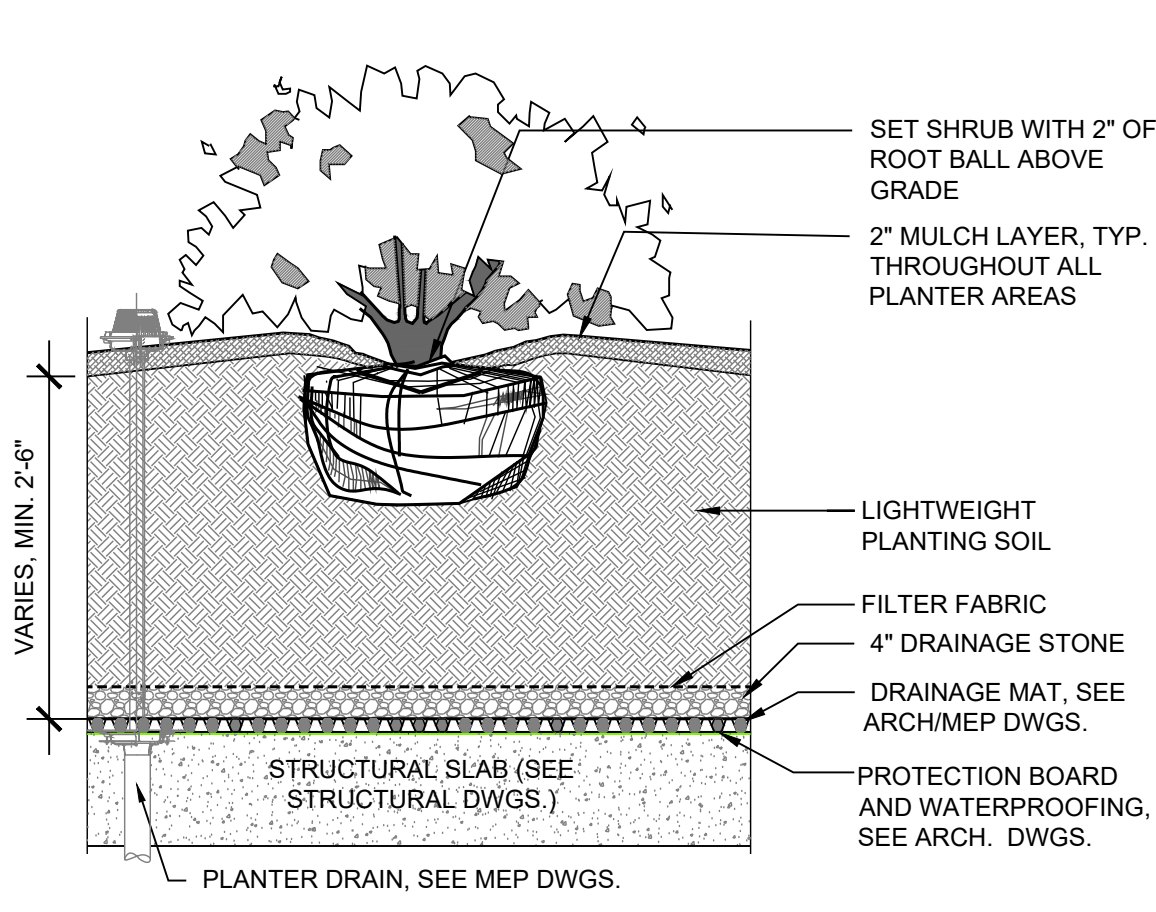
13

14

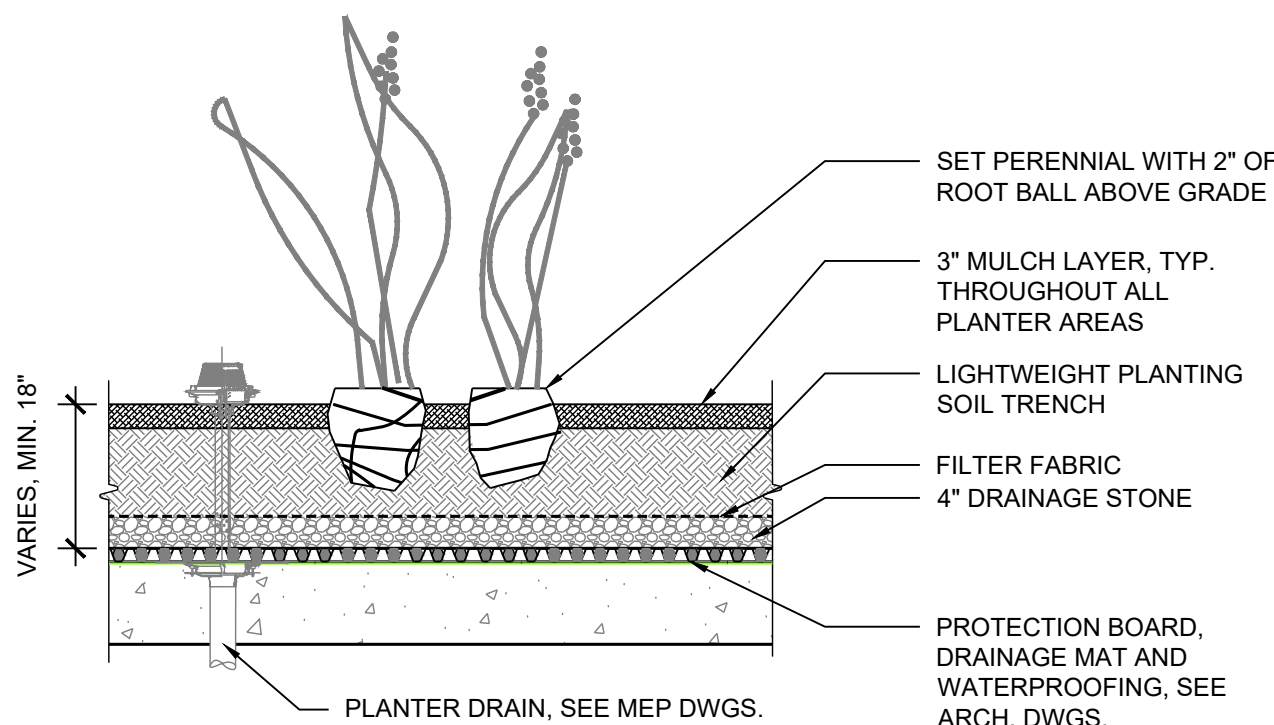
15



- 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" BELOW FINISHED SURFACE
 5. DEADMEN TO BE PLACED PRIOR TO SOIL PLACEMENT (TYP.)



- 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" BELOW FINISHED SURFACE



- 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" BELOW FINISHED SURFACE

1 TREE PLANTING ON STRUCTURE

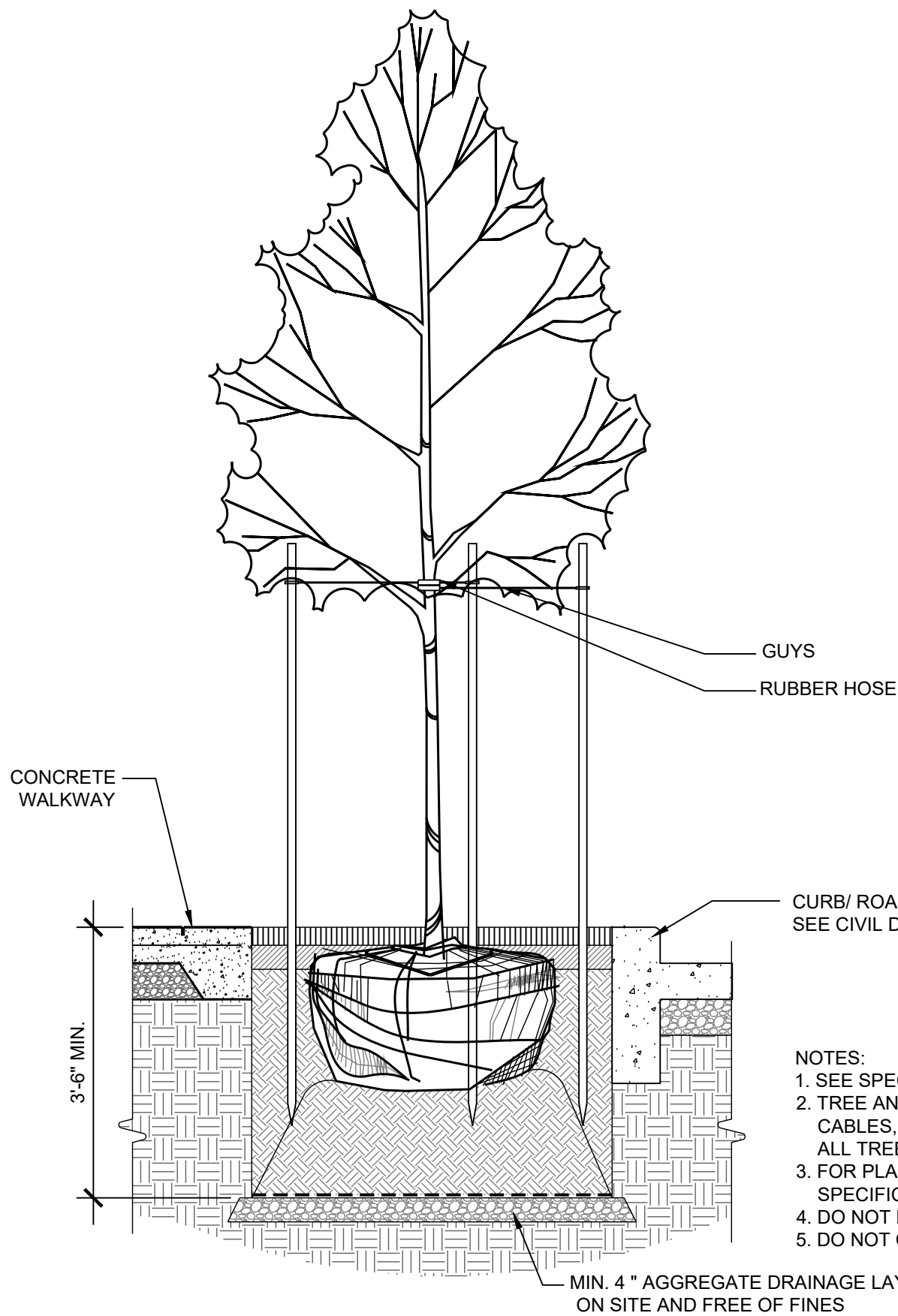
1/2"=1'-0"

2 SHRUB ON STRUCTURE

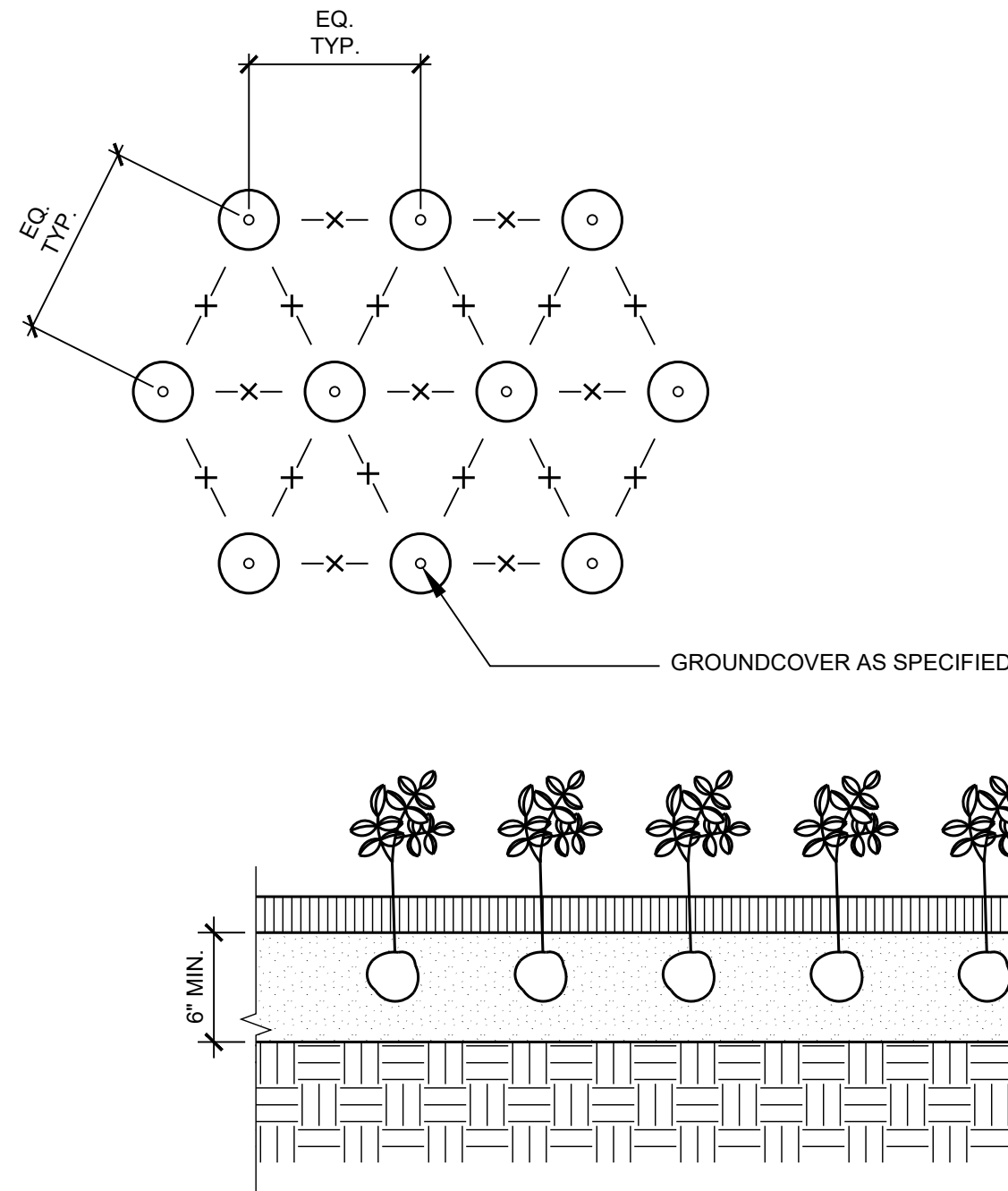
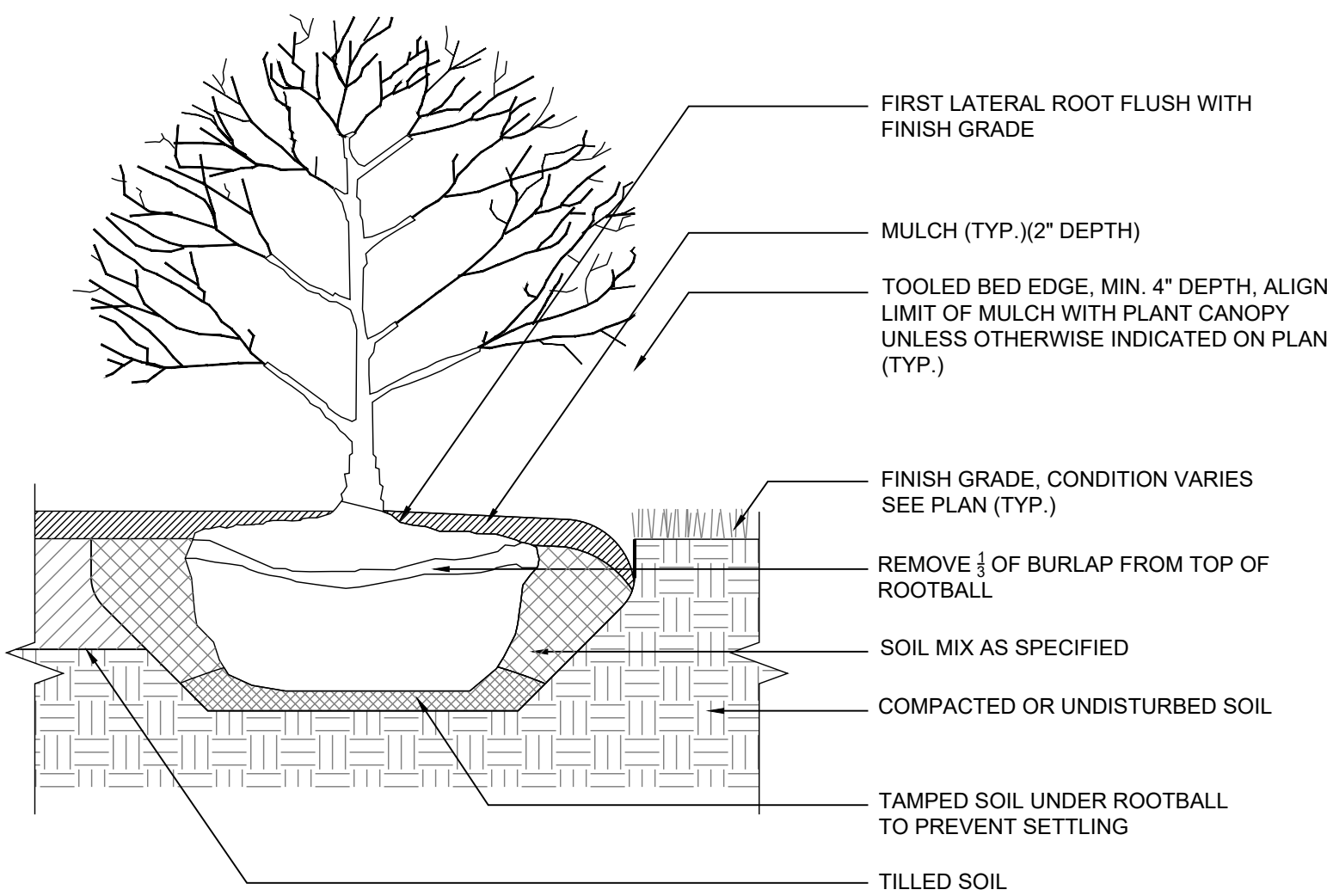
1/2"=1'-0"

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



- NOTE:
1. REFER TO PLANT LIST FOR SPACING

4 TREE PLANTING IN GRADE

1/2"=1'-0"

5 SHRUB AT GRADE

1/2"=1'-0"

6 GROUNDCOVER AT GRADE

1/2"=1'-0"

Town of Vienna
Approved
06/09/2021

MAHAN RYKIEL
ASSOCIATES
Whitehall Mill 3300 Clippert Mill Road
Suite 200 Baltimore, MD 21211 410.235.6001

444 Maple
Town of Vienna, Virginia

Owner
Hekman & Co., Inc.
505 Main Street, P.O. Box 667
Hackensack, NJ, 07602
t.201.487.1500

Architect
KTGY
8609 Westwood Center Dr #600
Tysons, VA 22182
t.703.245.1090

Civil Engineer
Walter L. Phillips
207 PARK AVENUE
Falls Church, VA 22046
t.703.532.6163

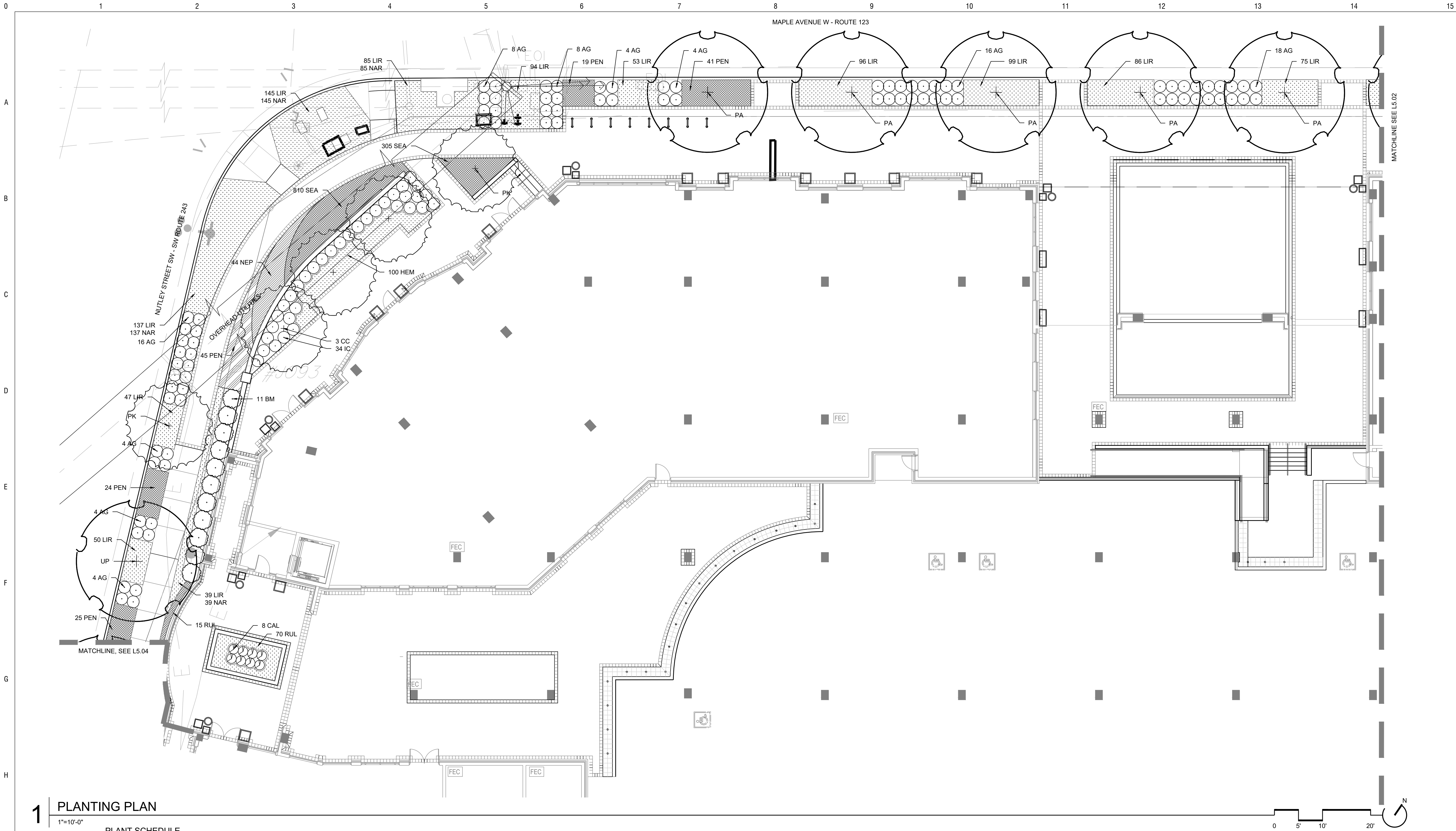
SEAL

ISSUED FOR	DATE
1 Preliminary Application for MAC Zone Designation	12/06/17
2 Preliminary Application for MAC Zone Designation	02/15/18
3 Preliminary Application for MAC Zone Designation	04/11/18
4 Preliminary Application for MAC Zone Designation	04/11/18
5 Preliminary Application for MAC Zone Designation	06/25/18
6 Work Session	10/04/18
7 Preliminary Application for MAC Zone Designation	10/29/18
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-4.10
PLANTING DETAILS



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.
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.	44	NEP	Nepeta x faassenii 'Walker's Low'	#1	Cont.	18" O.C.
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

MAHAN RYKIEL
ASSOCIATES
Whitehall Mill 3300 Clippert Mill Road
Suite 200 Baltimore, MD 21211 410.235.6001

444 Maple
Town of Vienna, Virginia

Owner
Hekman & Co., Inc.
505 Main Street, P.O. Box 667
Hackensack, NJ, 07602
t.201.487.1500

Architect
KTGY
8609 Westwood Center Dr #600
Tysons, VA 22182
t.703.245.1090

Civil Engineer
Walter L. Phillips
207 PARK AVENUE
Falls Church, VA 22046
t.703.532.6163

SEAL

ISSUED FOR	DATE
Preliminary Application for	
1 MAC Zone Designation	12/06/17
Preliminary Application for	
2 MAC Zone Designation	02/15/18
Preliminary Application for	
3 MAC Zone Designation	04/11/18
Preliminary Application for	
4 MAC Zone Designation	04/11/18
Preliminary Application for	
5 MAC Zone Designation	06/25/18
6 Work Session	10/04/18
Preliminary Application for	
7 MAC Zone Designation	10/29/18
Preliminary Application for	
8 MAC Zone Designation	04/29/20

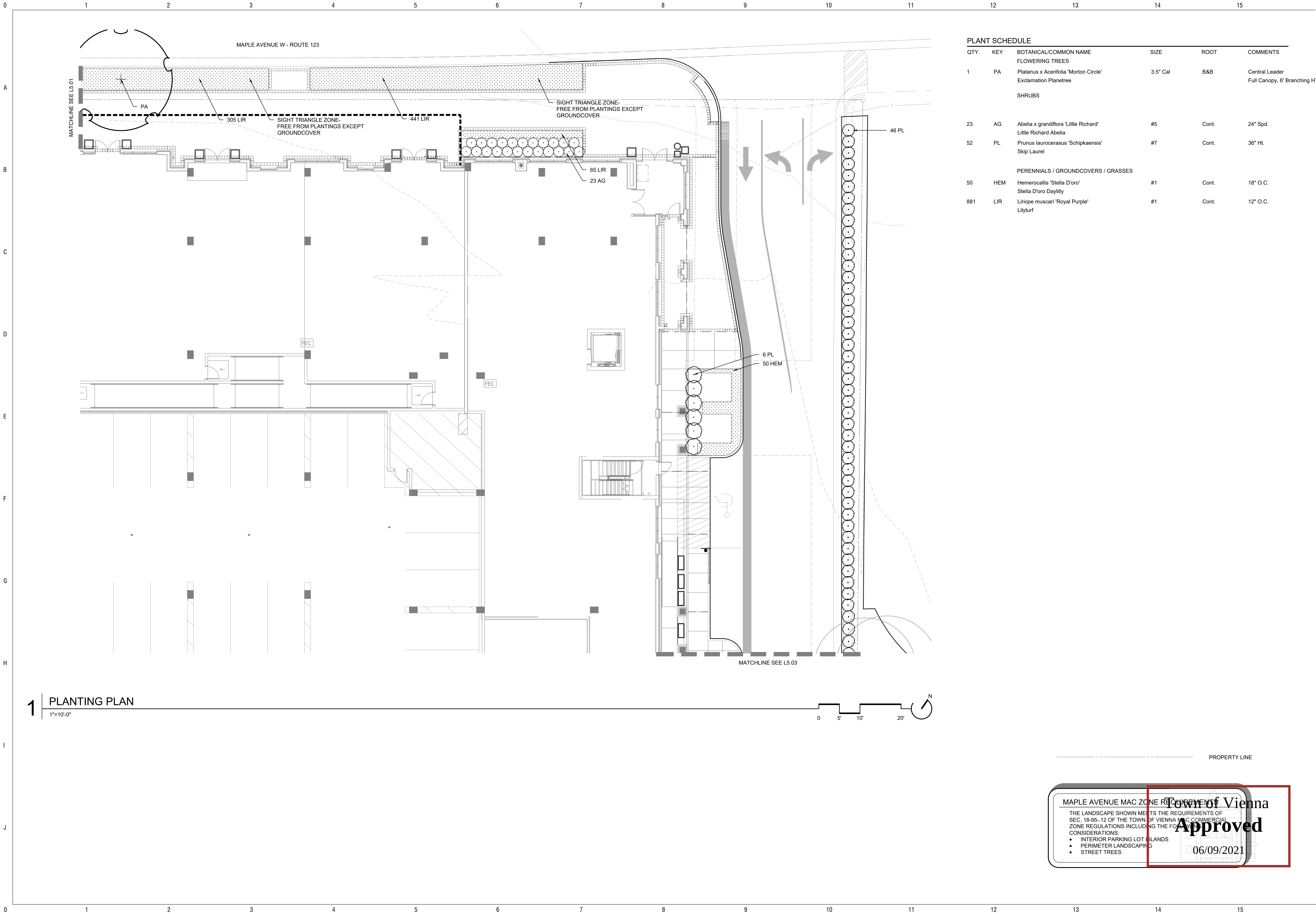
PROJECT NO.
17041

SCALE :
As Shown

DRAWN BY :
BB,RJ, BH

REVIEWED BY :
MR

LS-5.01
PLANTING PLAN



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 Daylilly	#1	Cont.	18" O.C.
881	LIR	Liriope muscari 'Royal Purple' Lilyturf	#1	Cont.	12" O.C.

MAHAN RYKIEL

ASSOCIATES INC

Whitehall Mill 3300 Clipper Mill Road

Suite 200 Baltimore, MD 21211 410.235.6001

444 Maple

Town of Vienna, Virginia

Owner

Hekemian & Co., Inc.

505 Main Street, P.O. Box 667

Hackensack, NJ, 07602

t.201.487.1500

Architect

KTGY

8609 Westwood Center Dr #600

Tysons, VA 22182

t.703.245.1090

Civil Engineer

Walter L. Phillips

207 PARK AVENUE

Falls Church, VA 22046

t.703.532.6163

SEAL

ISSUED FOR

DATE

1 Preliminary Application for

MAC Zone Designation

12/06/17

2 Preliminary Application for

MAC Zone Designation

02/15/18

3 Preliminary Application for

MAC Zone Designation

04/11/18

4 Preliminary Application for

MAC Zone Designation

04/11/18

5 Preliminary Application for

MAC Zone Designation

06/25/18

6 Work Session

10/04/18

7 Preliminary Application for

MAC Zone Designation

10/29/18

8 Preliminary Application for

MAC Zone Designation

04/29/20

PROJECT NO.

17041

SCALE :

As Shown

DRAWN BY :

BB,RJ, BH

REVIEWED BY :

MR

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

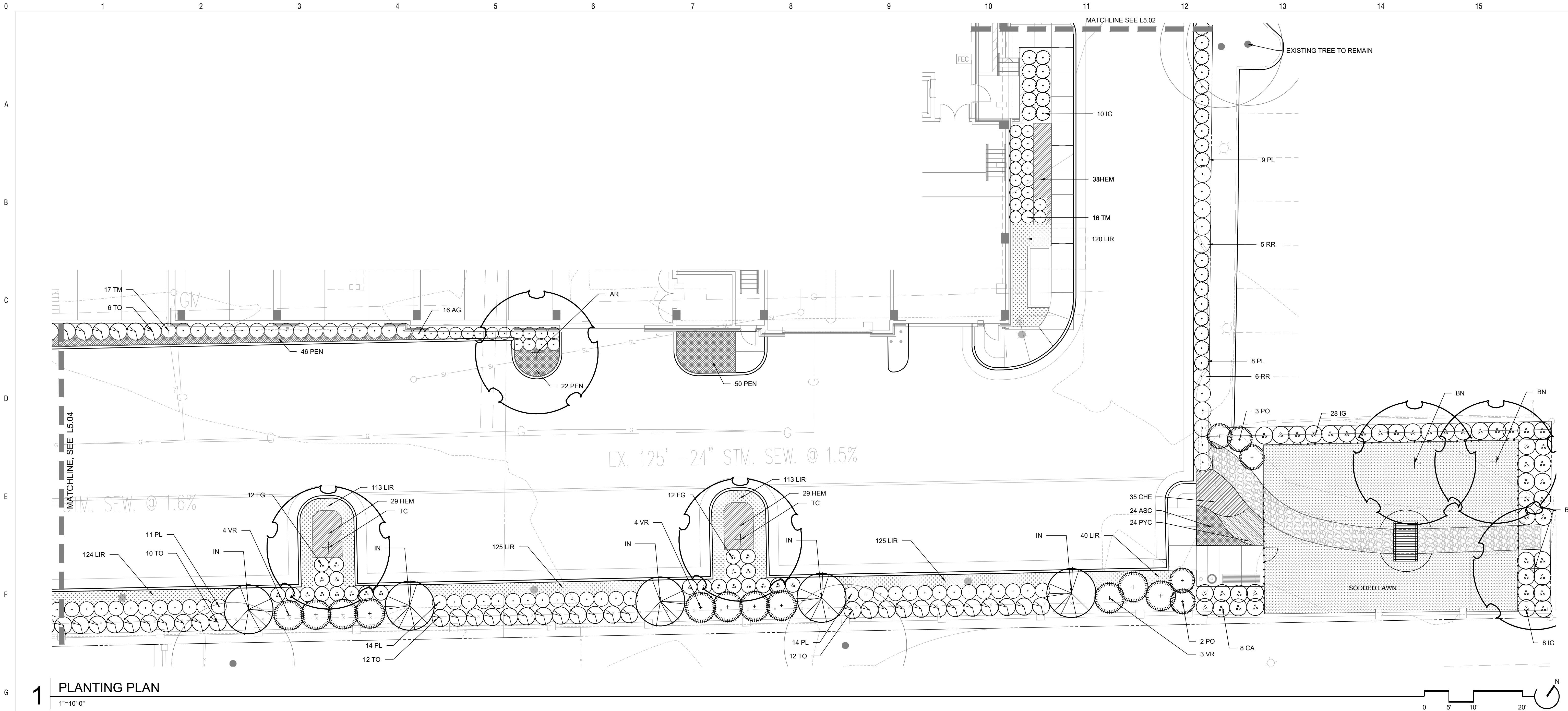
Town of Vienna

Approved

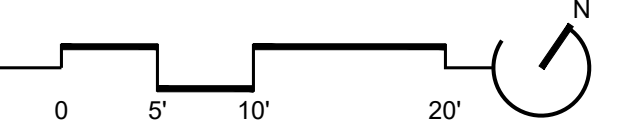
06/09/2021

LS-5.02

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	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 'Shipkaensis'	#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

MAHAN RYKIEL
ASSOCIATES INC.
Whitehall Mill 3300 Clipper Mill Road
Suite 200 Baltimore, MD 21211 410.235.6001

444 Maple
Town of Vienna, Virginia

Owner
Hekman & Co., Inc.
505 Main Street, P.O. Box 667
Hackensack, NJ, 07602
t.201.487.1500

Architect
KTGY
8609 Westwood Center Dr #600
Tysons, VA 22182
t.703.245.1090

Civil Engineer
Walter L. Phillips
207 PARK AVENUE
Falls Church, VA 22046
t.703.532.6163

SEAL

ISSUED FOR	DATE
1 Preliminary Application for MAC Zone Designation	12/06/17
2 Preliminary Application for MAC Zone Designation	02/15/18
3 Preliminary Application for MAC Zone Designation	04/11/18
4 Preliminary Application for MAC Zone Designation	04/11/18
5 Preliminary Application for MAC Zone Designation	06/25/18
6 Work Session	10/04/18
7 Preliminary Application for MAC Zone Designation	10/29/18
8 Preliminary Application for MAC Zone Designation	04/29/20

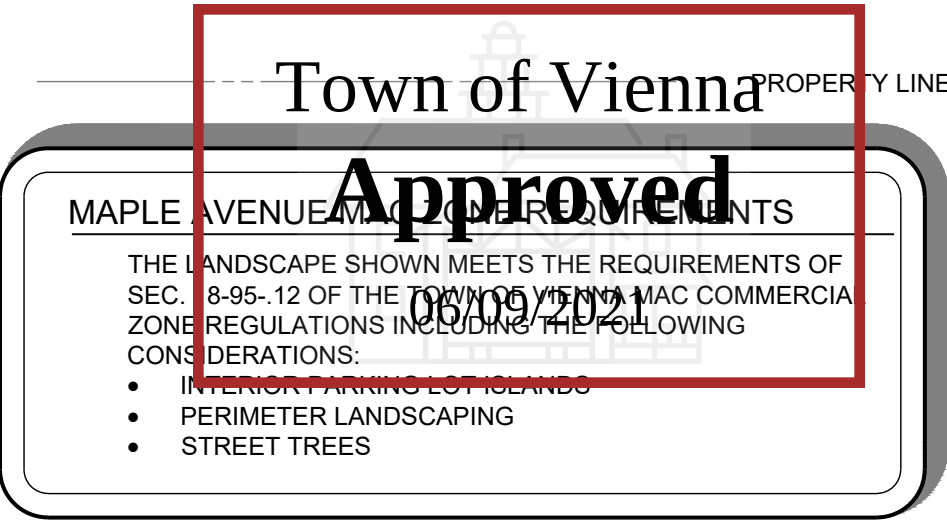
PROJECT NO.
17041

SCALE :
As Shown

DRAWN BY :
BB,RJ, BH

REVIEWED BY :
MR

LS-5.03
PLANTING PLAN




$$3/16'' = 1' - 0''$$

THE LANDSCAPE SHOWN MEETS THE REQUIREMENTS OF

SEC. 18-95-12 OF THE TOWN OF VIENNA MAC COMMERC

ZONE REGULATIONS INCLUDING THE FOLLOWING CONSIDERATIONS:

- INTERIOR PARKING LOT ISLANDS

- PERIMETER LANDSCAPING
- STREET TREES

06/09/2023

06/09/2021

Town of Vienna, Virginia

SEAL

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A

B

C

D

E

F

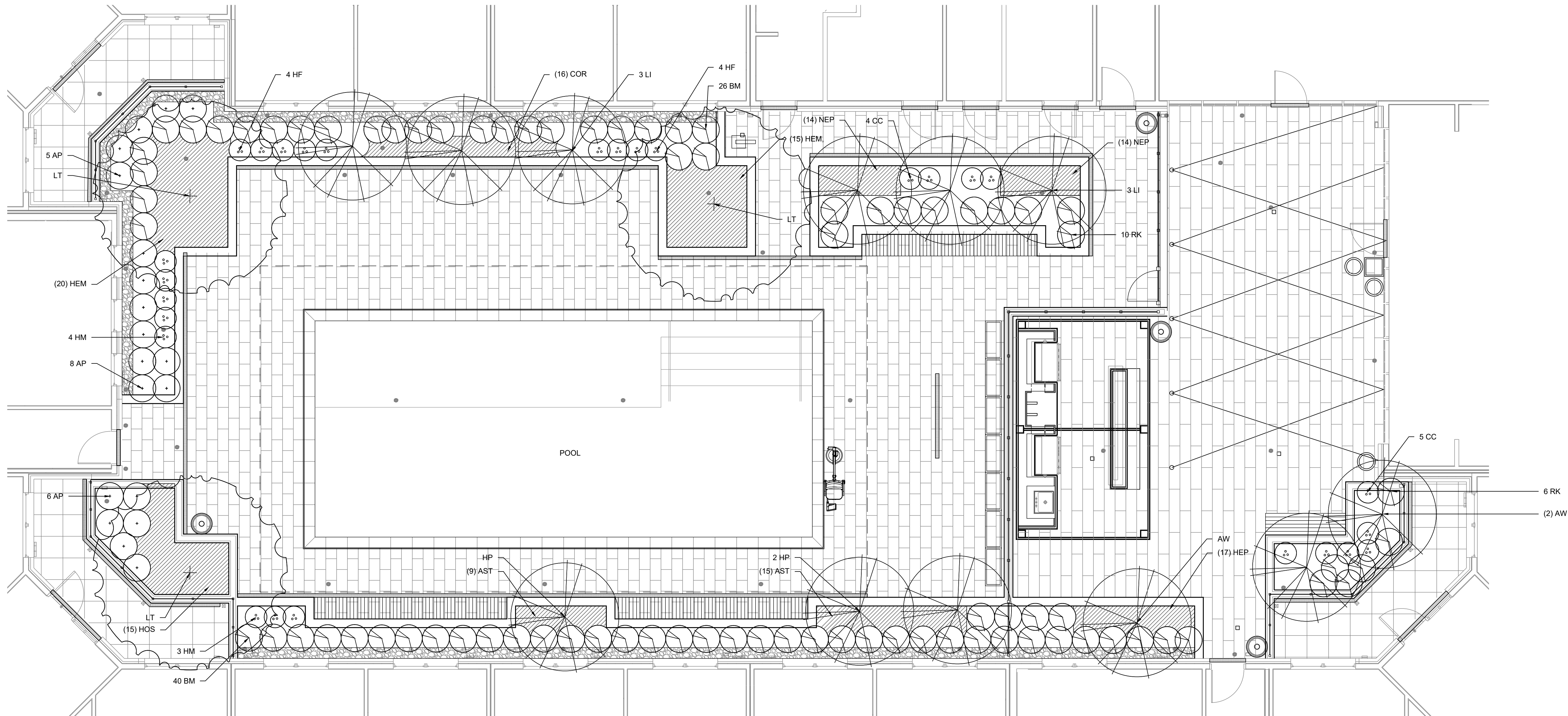
G

H

I

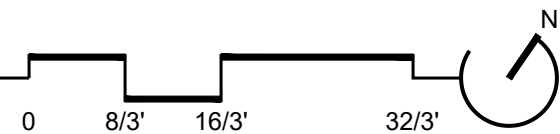
J

0



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
		Emperor I Japanese Maple			
6	LI	Lagerstroemia indica 'Apalachee'	8' Ht.	B&B	Multi-Stem, 3-5 canes
		Crape Myrtle			Matched Specimens
3	LT	Lagerstroemia indica 'Tuscarora'	10' Ht.	B&B	Multi-Stem, 3-5 canes
		Crape Myrtle			Matched Specimens
SHRUBS					
19	AP	Azalea 'Girard Pleasant White'	#5	Cont.	21" Spd.
		Girard Pleasant White Azalea			Full, Matched
66	BM	Buxus microphylla var. japonica 'Winter Gem'	24" Spd.	B&B	Full, Matched
		Winter Gem Boxwood			
9	CC	Caryopteris x clandoensis 'Inoveris'	#2	Cont.	15"-18" Spd.
		Grand Bleu Bluebeard			Full, Matched
8	HF	Hydrangea paniculata 'Kornavesu'	#3	Cont.	18"-24" Spd.
		Flare Hydrangea			Full, Matched
7	HM	Hydrangea macrophylla 'Pia'	#3	Cont.	18" Spd.
		Pia Hydrangea			Full, Matched
3	HP	Hydrangea paniculata 'Pee Gee'	6' Ht.	B&B	Tree Form, Standard
		Pee Gee Hydrangea			Matched Specimens
16	RK	Rosa 'KORhopiko'	#5	Cont.	Full, Matched
		Flamingo Kolorscape Shrub Rose			

PERENNIALS / GROUNDCOVERS / GRASSES

24	AST	Astilbe japonica 'Rheinland'	#1	Cont.	18" O.C.
		False Spirea			
16	COR	Coreopsis verticillata 'Moonbeam'	#1	Cont.	18" O.C.
		Moonbeam Coreopsis			
35	HEM	Hemerocallis 'Hyperion'	#1	Cont.	18" O.C.
		Daylily			
17	HEP	Heuchera x micrantha 'Palace Purple'	#1	Cont.	15" O.C.
		Coral Bells			
15	HOS	Hosta 'Francee'	#1	Cont.	18" O.C.
		Hosta			
28	NEP	Nepeta x faassenii 'Walker's Low'	#1	Cont.	15" O.C.
		Catmint			

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

06/09/2021

MAHAN RYKIEL
ASSOCIATES INC.
Whitehall Mill 3300 Clipper Mill Road
Suite 200 Baltimore, MD 21211 410.235.6001

444 Maple
Town of Vienna, Virginia

Owner
Hekemian & Co., Inc.
505 Main Street, P.O. Box 667
Hackensack, NJ, 07602
t.201.487.1500

Architect
KTGY
8609 Westwood Center Dr #600
Tysons, VA 22182
t.703.245.1090

Civil Engineer
Walter L. Phillips
207 PARK AVENUE
Falls Church, VA 22046
t.703.532.6163

SEAL

ISSUED FOR	DATE
1 Preliminary Application for MAC Zone Designation	12/06/17
2 Preliminary Application for MAC Zone Designation	02/15/18
3 Preliminary Application for MAC Zone Designation	04/11/18
4 Preliminary Application for MAC Zone Designation	04/11/18
5 Preliminary Application for MAC Zone Designation	06/25/18
6 Work Session	10/04/18
7 Preliminary Application for MAC Zone Designation	10/29/18
8 Preliminary Application for MAC Zone Designation	04/29/20

PROJECT NO.
17041

DRAWN BY :
BB,RJ, BH

SCALE :
As Shown

REVIEWED BY :
MR

LS-5.06
PLANTING PLAN

444 Maple

Town of Vienna, Virginia

Owner
Hekman & Co., Inc.
505 Main Street, P.O. Box 667
Hackensack, NJ, 07602
1.201.487.1500

Architect
KTGY
8609 Westwood Center Dr #600
Tysons, VA 22182
1.703.245.1090

Civil Engineer
Walter L. Phillips
207 PARK AVENUE
Falls Church, VA 22046
1.703.532.6163

SEAL

ISSUED FOR DATE

1	Preliminary Application for MAC Zone Designation	12/06/17
2	Preliminary Application for MAC Zone Designation	02/15/18
3	Preliminary Application for MAC Zone Designation	04/11/18
4	Preliminary Application for MAC Zone Designation	04/11/18
5	Preliminary Application for MAC Zone Designation	06/25/18
6	Work Session	10/04/18
7	Preliminary Application for MAC Zone Designation	10/29/18
8	Preliminary Application for MAC Zone Designation	04/29/20

PROJECT NO.
17041

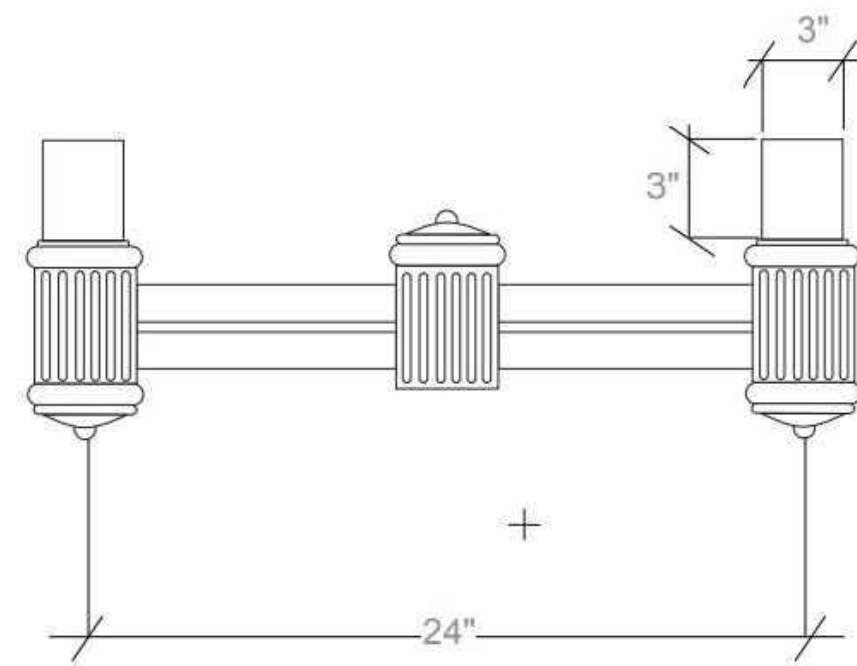
SCALE :
As Shown

DRAWN BY :
BB, RJ, BH

REVIEWED BY :
MR

LS-6.00
LIGHTING PLAN

FIXTURE TYPE 'D'
DUAL ARM DECORATIVE BRACKET

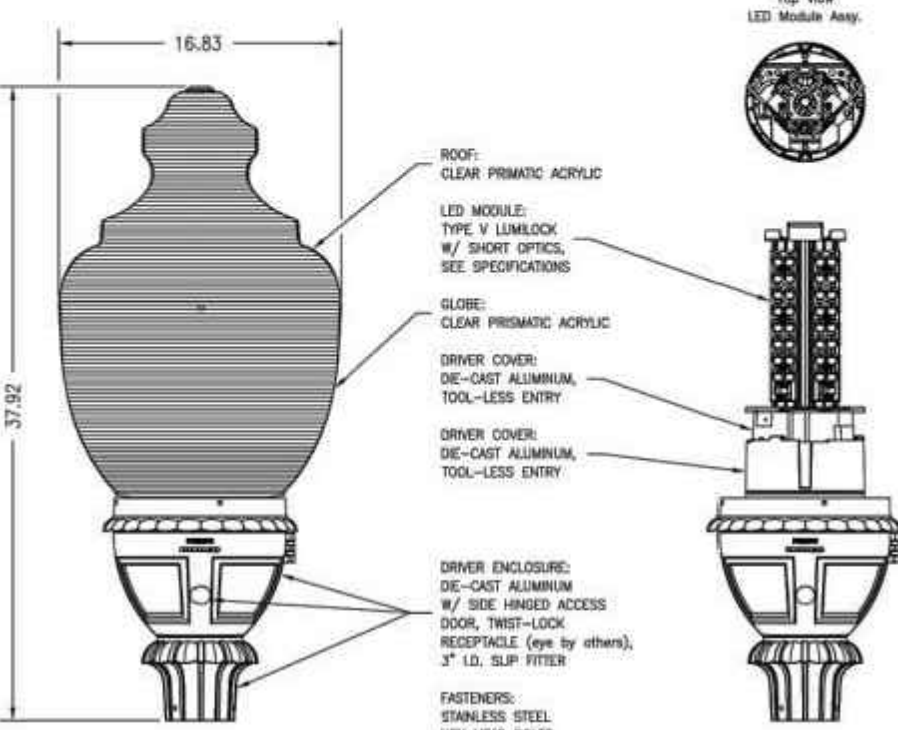


2 SL1 BRACKET

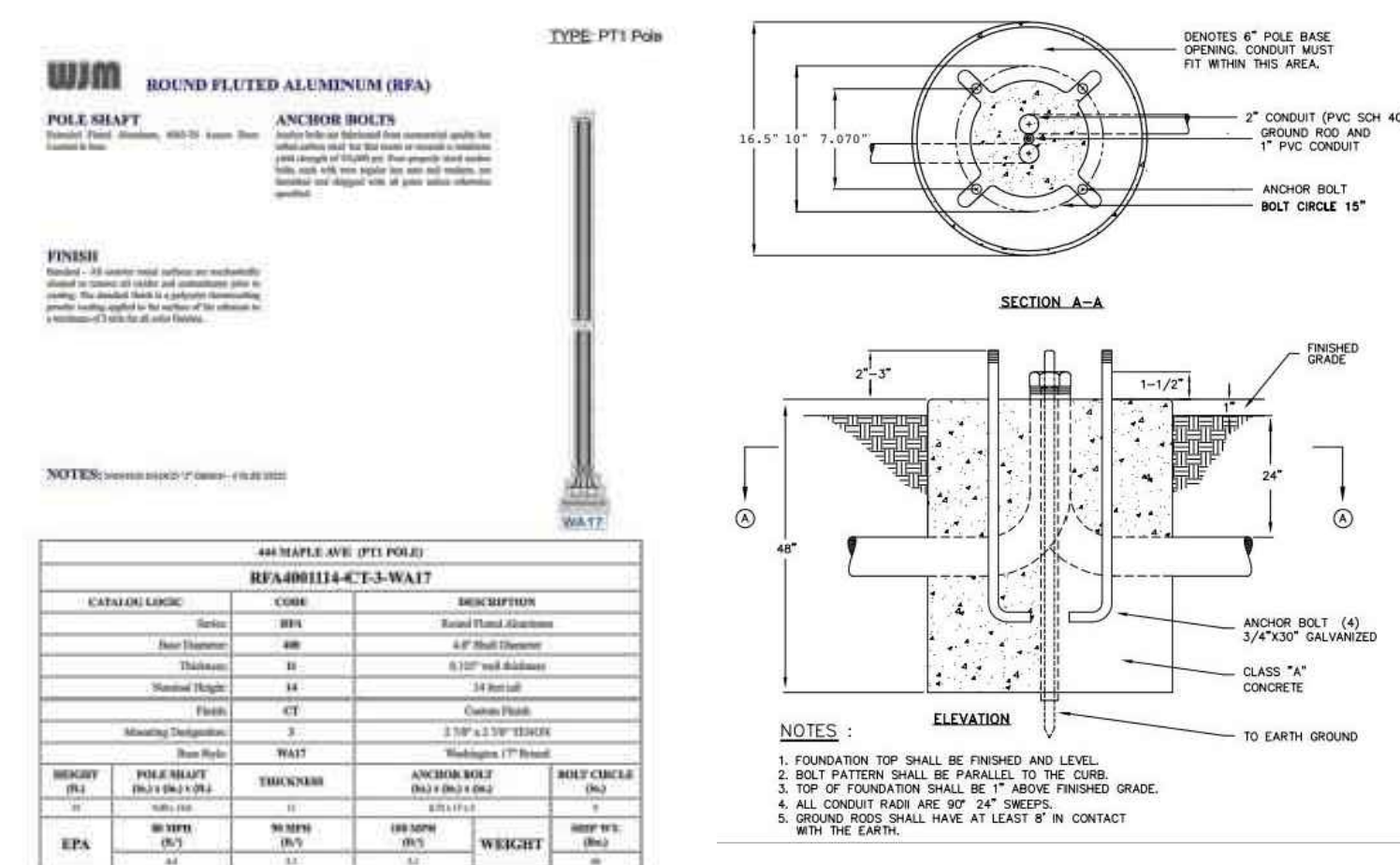
Ordering Guide
CS3300 LUMINAIRE

Color:
Black

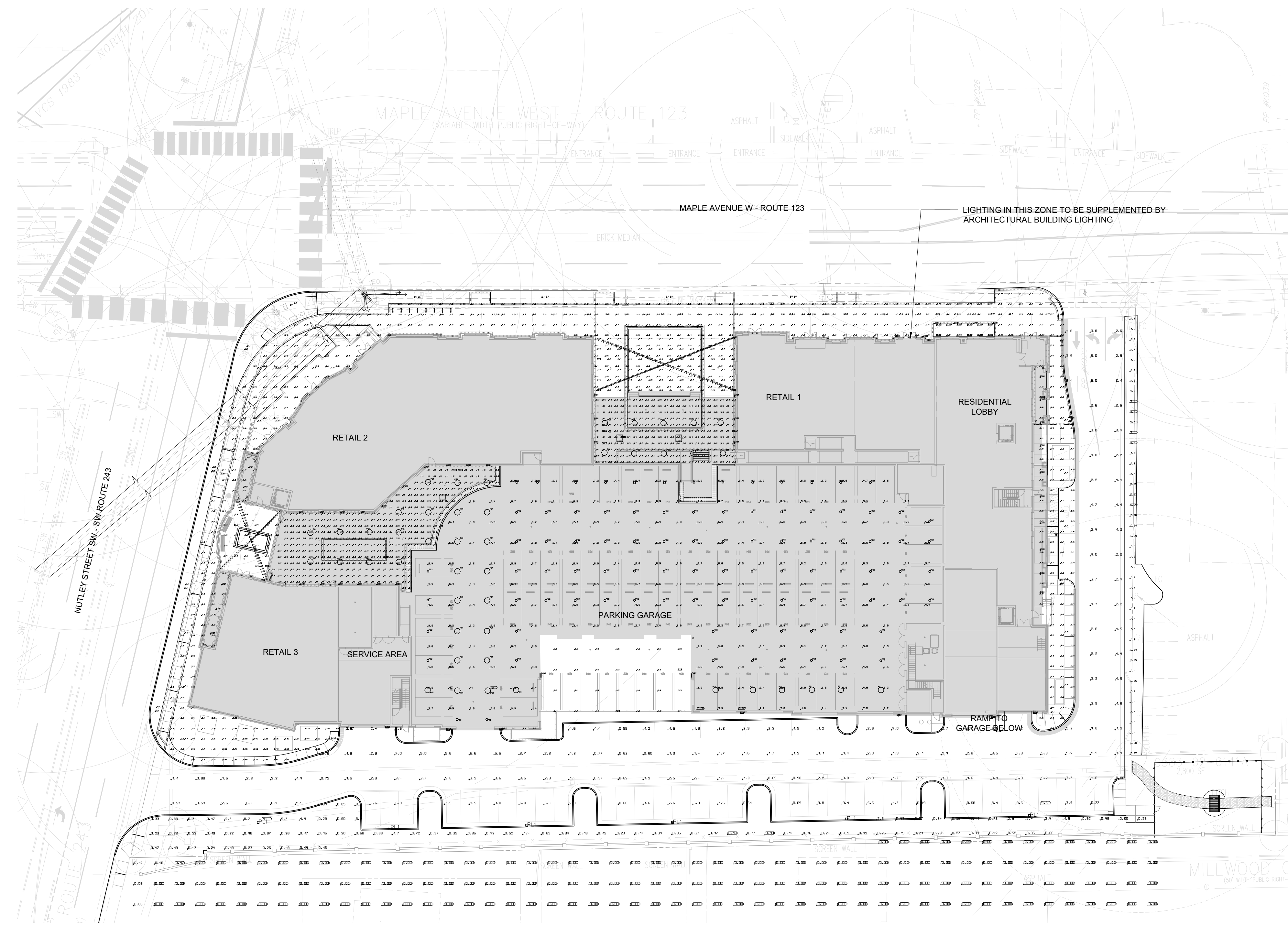
Lumibuck LED Specifications:
- 64, 4000K (neutral) LEDs, typical 75 Color Rendering Index (CRI), >100,000 hours of operational life (at 25°C ambient temperature & 7000 lumens maintenance), injection molded Type V Short optical plates, IP68 rated optical system,
- Integral Philips Advance Aluminum LED driver, class 1, PFC rated, 530mA, inrush limit 120-277 VAC, 50-60Hz, 80% compliant, field replaceable 100W/10A surge suppression,
- Delivered lumens: 12776, Midrange: 1048.
Lumibuck LED Certifications:
- ETL/ASTM listed to U.S. & Canada safety standards for wet locations, manufactured to ISO 9001:2008 Standards, vibration tested to ANSI C136.31 for Normal Applications, UL8750 & UL1598 compliant, UL974 & UL975 tested, DALI listed.



3 SL1 LUMINAIRE



4 SL1 POLE



1 LIGHTING PLAN

1"=30'-0"

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

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

Town of Vienna
Approved
06/09/2021