

# GARDEN DESIGN with NATIVE PLANTS

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PRINCETON, NJ  
MID-ATLANTIC REGION

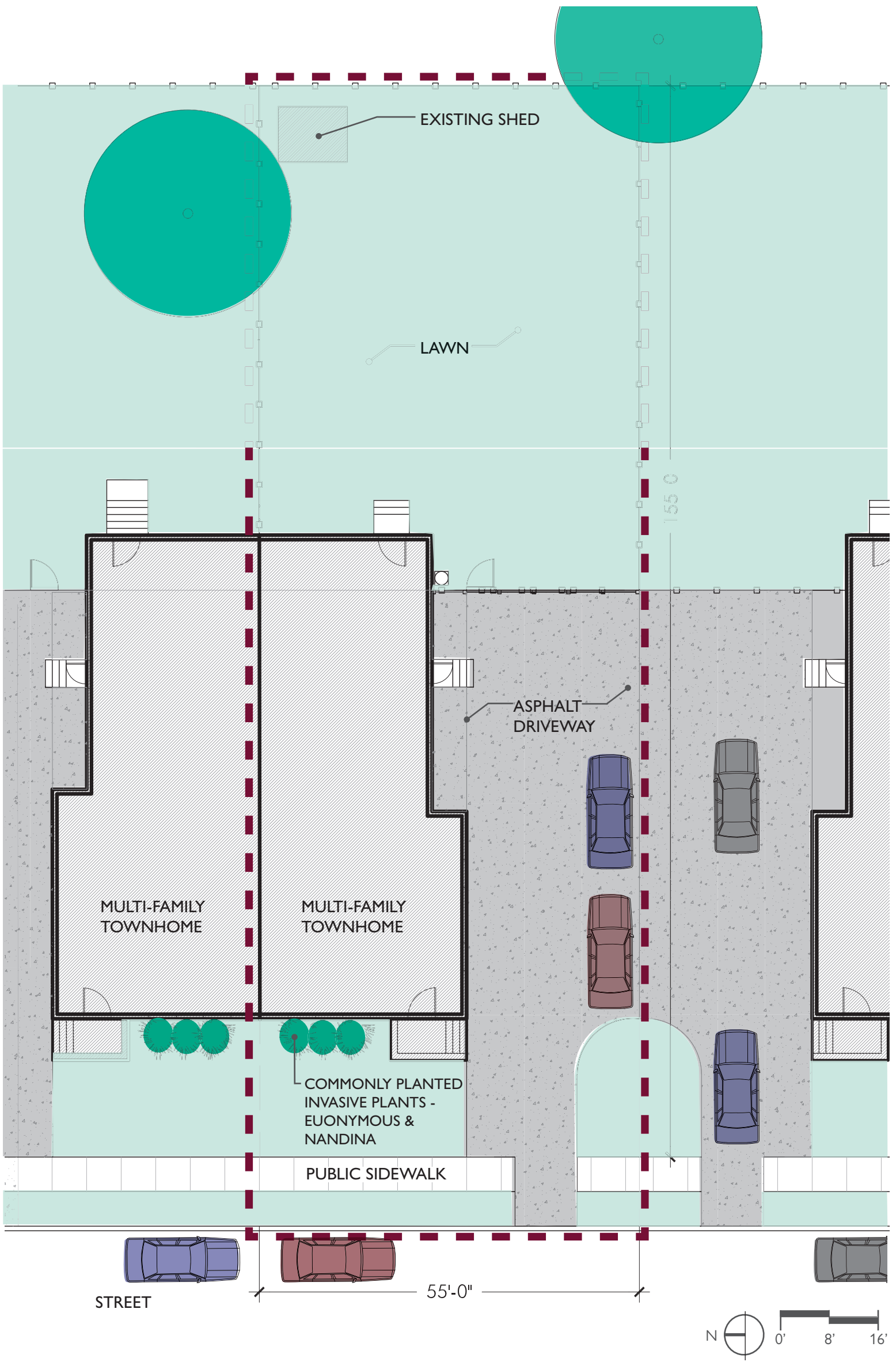
MULTI-FAMILY, 1/5 ACRE PROPERTY

PREPARED BY:



PREPARED FOR:



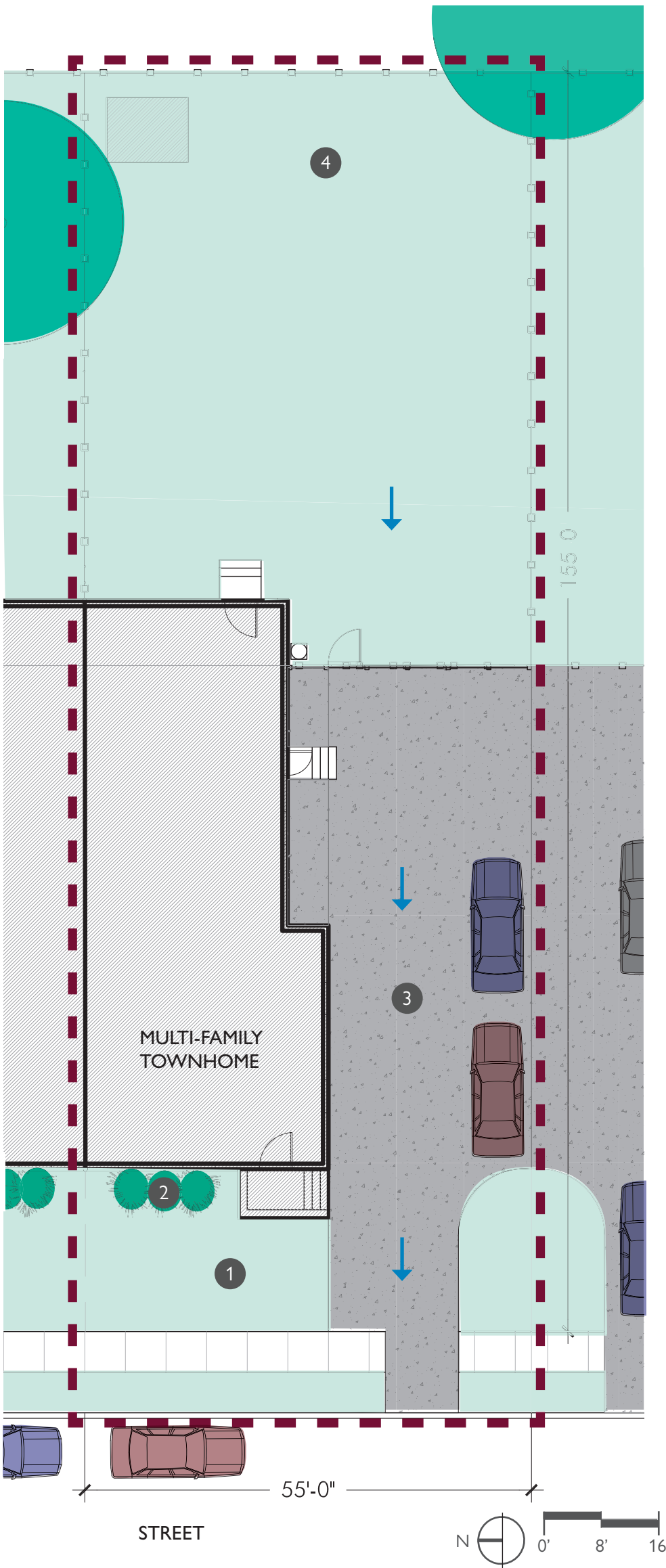


**MULTI-FAMILY, 1/5 ACRE: EXISTING CONDITIONS PLAN**

GARDEN DESIGN WITH NATIVE PLANTS FOR PRINCETON, NJ MID-ATLANTIC REGION



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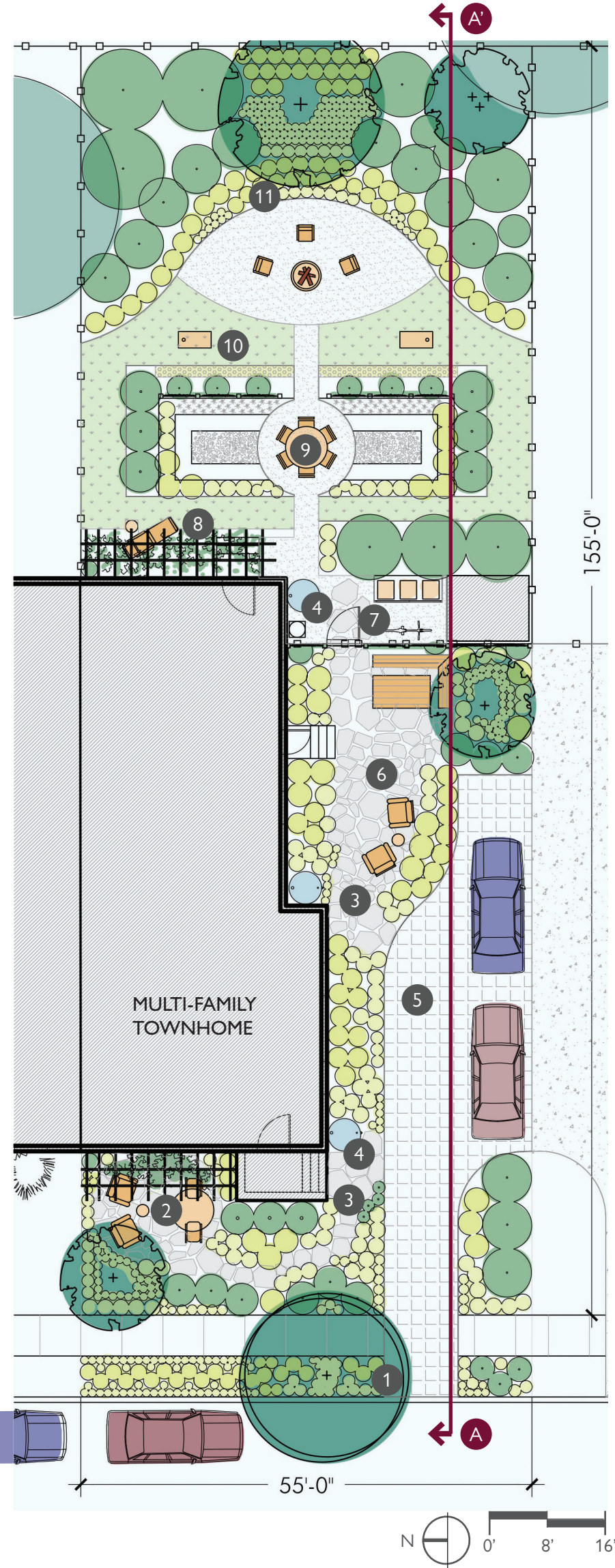
### SITE ANALYSIS KEY

- 1 OPEN, SUNNY FRONT YARD EXPOSED TO STREET. NEEDS SOME PRIVACY, SHADE AND BEAUTY.
- 2 INVASIVE PLANTS TO REMOVE
- 3 OVERLY LARGE PAVED DRIVEWAY, BEYOND WHAT IS NECESSARY FOR CIRCULATION AND PARKING. NO STORMWATER ISSUES EVIDENT BUT OPPORTUNITY TO COLLECT AND ENCOURAGE INFILTRATION.   
 ↓ WATER FLOW APPEARS TO SHEET FROM EAST TO WEST, OUTFLOWING TO STREET.
- 4 OPEN, SUNNY BACK YARD EXPOSED TO NEIGHBORING VIEWS. NEEDS SOME PRIVACY, SHADE, BEAUTY AND FUNCTIONAL USES. OUTDOOR STORAGE IN SHED BEYOND FUNCTIONAL CONNECTION TO HOME.

## MULTI-FAMILY, 1/5 ACRE: SITE ANALYSIS PLAN

GARDEN DESIGN WITH NATIVE PLANTS FOR PRINCETON, NJ MID-ATLANTIC REGION





**SITE LAYOUT KEY**

- 1 STREET TREE & VERGE PLANTING
- 2 FRONTYARD GARDEN WITH SITTING SPACE FOR FRONT UNIT AND SHADE CREATING TRELLIS.
- 3 PERMEABLE PAVING WITH STEPPING STONES
- 4 RAIN BARREL AT DOWNSPOUT
- 5 PERMEABLE PAVING DRIVEWAY
- 6 SIDYARD GARDEN WITH SITTING SPACE FOR REAR UNIT
- 7 FUNCTIONAL SPACE WITH OUTDOOR STORAGE, AREA FOR TRASH & RECYCLING, BICYCLE PARKING
- 8 BACKDOOR SITTING SPACE UNDER SHADE CREATING TRELLIS
- 9 PRODUCTIVE EDIBLE GARDEN WITH OUTDOOR DINING INTEGRATING SPACE FOR VEGETABLES AND HERBS WITH NATIVE FRUIT PRODUCING SHRUBS AND GROUNDCOVER.
- 10 GAME PLAY AREA (CORN HOLE SHOWN)
- 11 WOODLAND EDGE TYPE PLANTING AND FIRE PIT SITTING AREA UNDER EXISTING TREE CANOPY WITH ADDITION OF FRUIT PRODUCING PLANT SPECIES THAT ENHANCE SHADE AND PROVIDE PRIVACY FROM NEIGHBORS
- A ELEVATION LINE, SEE ELEVATION DRAWINGS

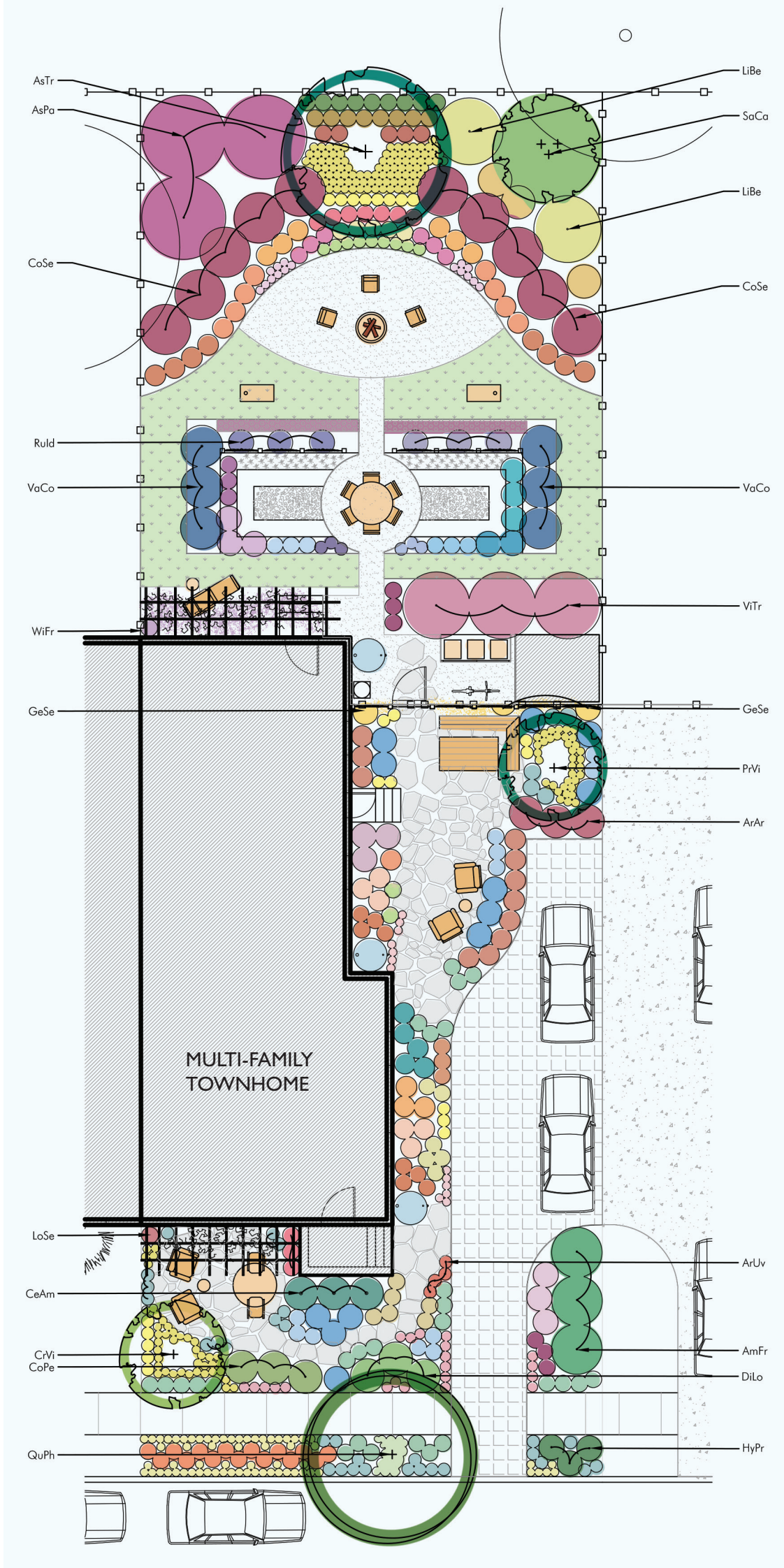
**MULTI-FAMILY, 1/5 ACRE: PROPOSED SITE LAYOUT PLAN**

GARDEN DESIGN WITH NATIVE PLANTS FOR PRINCETON, NJ MID-ATLANTIC REGION



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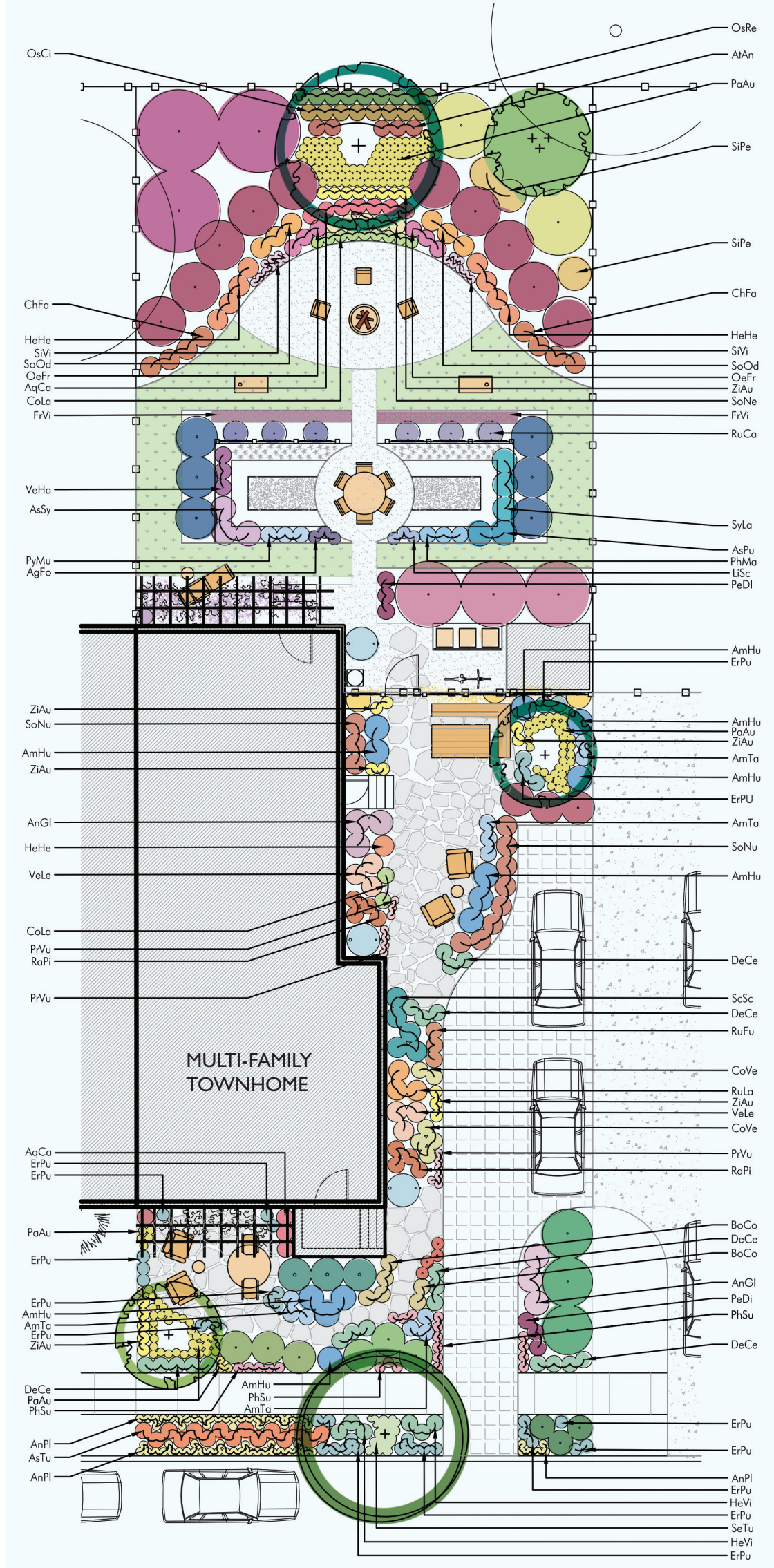


**MULTI-FAMILY, 1/5 ACRE: PROPOSED PLANTING PLAN - WOODY PLANTS**

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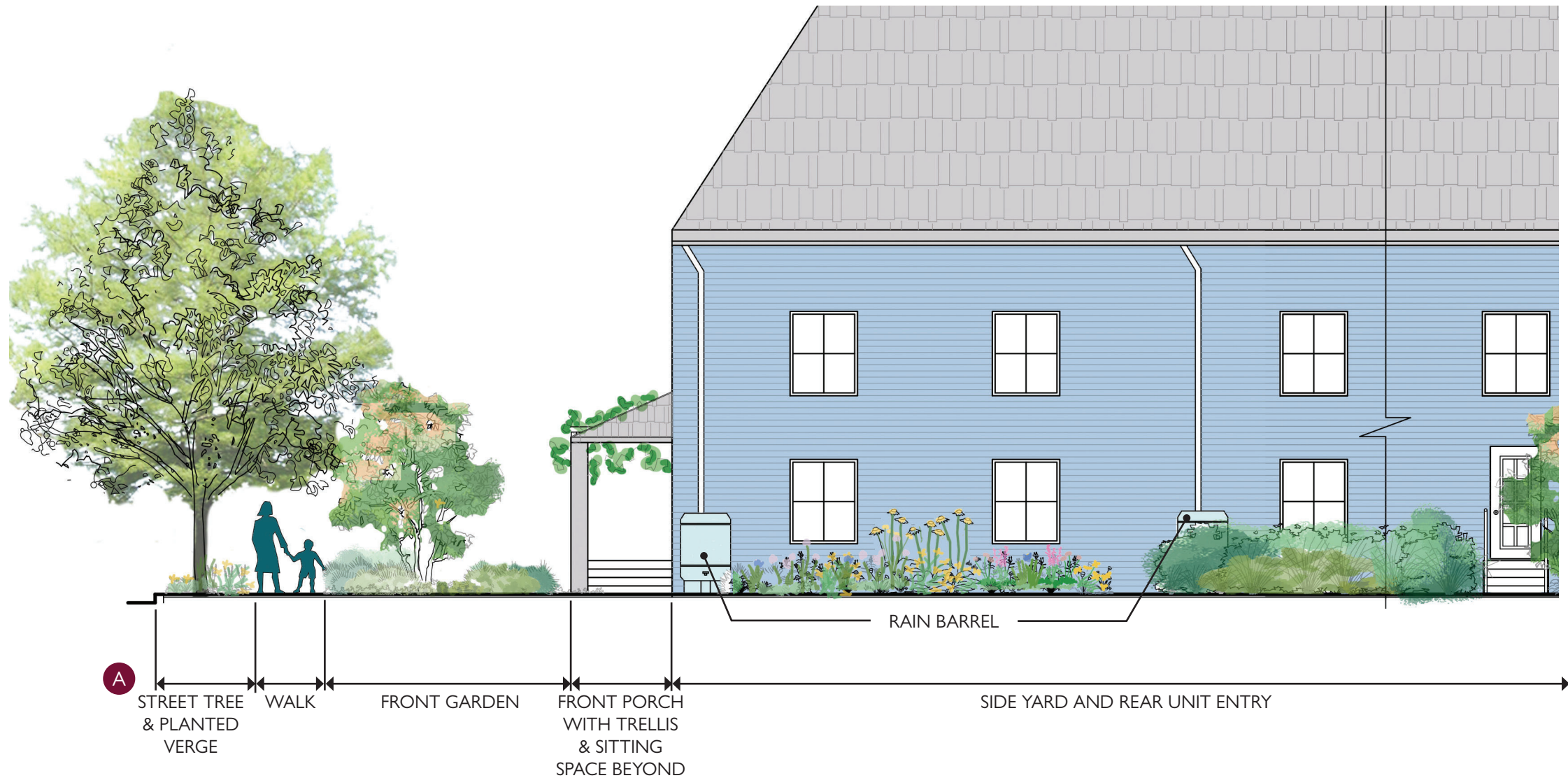


**MULTI-FAMILY, 1/5 ACRE: PROPOSED PLANTING PLAN - HERBACEOUS PERENNIAL PLANTS**

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**MULTI-FAMILY, 1/5 ACRE: PROPOSED ELEVATION A-A'**

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REAR UNIT ENTRY AND SIDE YARD SITTING SPACE WITH VINE COVERED REAR FENCE

FUNCTIONAL STORAGE AREA & ENTRY TO BACK YARD

BACK DOOR WITH TRELLIS & SITTING SPACE BEYOND

EDIBLE PRODUCTION GARDEN WITH BLACKBERRY & RASPBERRY PLANTS ESPALIERED FOR EASE OF HARVEST

GAME PLAY

WOODLAND EDGE TYPE PLANTING AND FIRE PIT SITTING AREA UNDER EXISTING TREE CANOPY WITH ADDITION OF FRUIT PRODUCING PLANT SPECIES THAT ENHANCE SHADE AND PROVIDE PRIVACY FROM NEIGHBORS



**MULTI-FAMILY, 1/5 ACRE: PROPOSED ELEVATION A-A'**



**GARDEN DESIGN WITH NATIVE PLANTS FOR PRINCETON, NJ MID-ATLANTIC REGION**

KEY	BOTANIC NAME	COMMON NAME	SPACING On-Center	HABITAT CONTRIBUTIONS					SEASONAL INTEREST				
				# Species Use as a Caterpillar Host Plant in Project	Wildlife Use	Attracts Birds	Attracts Pollinators	Human Use	WINTER	SPRING	SUMMER	FALL	
<b>TREES</b>													
AsTr	<i>Asimina triloba</i>	Pawpaw	as shown	10	X	X	X	X					
CrVi	<i>Crataegus viridis</i>	Hawthorn	as shown	155	X	X	X						
PrVi	<i>Prunus virginiana</i>	chokecherry	as shown	414	X	X	X	X					
QuPh	<i>Quercus phellos</i>	Willow Oak	as shown	513	X	X	X						
<b>SMALL TREE / LARGE SHRUB</b>													
SaCa	<i>Sambucus canadensis</i>	Elderberry	12'-0"	34	X	X	X	X					
ViPr	<i>Viburnum prunifolium</i>	Blackhaw Viburnum	12'-0"	110	X	X							
<b>SHRUBS</b>													
AsPa	<i>Aesculus parviflora</i>	bottlebrush buckeye	10'-0"	37		X	X						
AmFr	<i>Amorpha fruticosa</i>	Indigo Bush	6'-0"	21			X						
ArUv	<i>Arctostaphylos uva-ursi</i>	Bearberry	18"	12	X	X	X	X					
ArAr	<i>Aronia arbutifolia</i>	Red Chokeberry	4'-0"	5	X	X	X	X					
CeAm	<i>Ceanothus americanus</i>	New Jersey tea	4'-0"	43	X	X	X	X					
CoPe	<i>Comptonia peregrina</i>	Sweet Fern	4'-0"	68		X	X	X					
CoSe	<i>Cornus sericea</i>	redosier dogwood	6'-0"	117	X	X	X						
DiLo	<i>Diervilla lonicera</i>	Bush Honeysuckle	4'-0"	4		X	X						
HyPr	<i>Hypericum prolificum</i>	Shrubby St. John's Wort	3'-0"	20	X		X						
LiBe	<i>Lindera benzoin</i>	Spicebush	6'-0"	13		X	X	X					
RuCa	<i>Rubus canadensis</i>	Blackberry	6'-0"	162				X					
RuId	<i>Rubus idaeus</i>	Raspberry	6'-0"	148		X	X	X					
VaCo	<i>Vaccinium corymbosum</i>	Highbush Blueberry	6'-0"	277	X	X	X	X					
ViTr	<i>Viburnum trilobum (AKA Viburnum opulus var. americanum)</i>	American cranberrybush	8'-0"	110	X	X	X	X					
<b>Vines</b>													
LoSe	<i>Lonicera sempervirens</i>	Coral Honeysuckle	as shown	32	X	X	X	X					
GeSe	<i>Gelsemium sempervirens</i>	Carolina Jessamine	as shown	30		X	X						
WiFr	<i>Wisteria frutescens</i>	American Wisteria	as shown	17			X						



MULTI-FAMILY, 1/5 ACRE: PLANTING SCHEDULE

GARDEN DESIGN WITH NATIVE PLANTS FOR PRINCETON, NJ MID-ATLANTIC REGION

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<b>PERENNIALS</b>												
AgFo	<i>Agastache foeniculum</i>	Anise Hyssop	18"	3		X	X					
AmHu	<i>Amsonia hubrichtii</i>	Threadleaf Bluestar	3'-0"	1			X					
AmTa	<i>Amsonia tabernaemontana</i>	Eastern Bluestar	2'-0"	1			X					
AqCa	<i>Aquilegia canadensis</i>	wild columbine	18"	12		X	X					
AsPu	<i>Asclepias purpurascens</i>	purple milkweed	3'-0"	13	X		X					
AsSy	<i>Asclepias syriaca</i>	common milkweed	3'-0"	13	X		X	X				
AsTu	<i>Asclepias tuberosa</i>	Butterfly Weed	2'-0"	13	X		X	X				
ChFa	<i>Chamaecrista fasciculata</i>	partridge pea	2'-6"	6	X	X	X					
CoLa	<i>Coreopsis lanceolata</i>	Lanceleaf Tickseed	2'-0"	5		X	X					
CoVe	<i>Coreopsis verticillata</i>	Whorled Tickseed	2'-0"	5		X	X					
HeHe	<i>Heliopsis helianthoides</i>	false sunflower	2'-6"	1		X	X					
HeVi	<i>Heuchera villosa</i>	Hairy Alumroot	2'-0"	NA		X	X					
LiMi	<i>Liatris microcephala</i>	Appalachian Blazing Star	1'-0"	4		X	X					
LiSc	<i>Liatris scariosa</i>	New England blazing star	18"	4		X	X					
OeFr	<i>Oenothera fruticosa</i>	Sundrops	2'-0"	NA		X	X					
PeDi	<i>Penstemon digitalis</i>	White Beardtongue	2'-0"	9			X	X				
PhMa	<i>Phlox maculata</i>	Wild Sweet William	2'-0"	8	X	X	X					
PyMu	<i>Pycnanthemum muticum</i>	clustered mountainmint	2'-0"	4	X	X	X					
RaPi	<i>Ratibida pinnata</i>	Gray-Headed Coneflower	2'-0"	1		X	X					
RuFu	<i>Rudbeckia fulgida</i>	Black-eyed Susan	2'-0"	19		X	X					
RuLa	<i>Rudbeckia laciniata</i>	Green-Headed Coneflower	2'-6"	19		X	X	X				
SiVi	<i>Silene virginica</i>	Fire Pink	1'-0"	5		X	X					
SiPe	<i>Silphium perfoliatum</i>	Cup Plant	4'-0"	3		X	X					
SoNe	<i>Solidago nemoralis</i>	Prairie Goldenrod	2'-0"	126		X	X					
SoOd	<i>Solidago odora</i>	anisescented goldenrod	2'-0"	126		X	X	X				
SyLa	<i>Symphyotrichum laeve</i>	smooth blue aster	3'-0"	11		X	X					
VeHa	<i>Verbena hastata</i>	Blue Vervain	2'-0"	11		X	X	X				
VeLe	<i>Vernonia lettermanii</i>	Letterman's Ironweed	2'-6"	23			X					
ZiAu	<i>Zizia aurea</i>	Golden Alexander	18"	3			X					

MULTI-FAMILY, 1/5 ACRE: PLANTING SCHEDULE



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				# Species Use as a Caterpillar Host Plant in Project	Wildlife Use	Attracts Birds	Attracts Pollinators	Human Use	WINTER	SPRING	SUMMER	FALL	
<b>Groundcover &amp; Green Mulch</b>													
AnPl	<i>Antennaria plantaginifolia</i>	Plantain Pussytoes	12"	3	X	X	X						
ErPu	<i>Erigeron pulchellus</i>	Robin's Plantain	18"	20	X								
FrVi	<i>Fragaria virginiana</i>	Virginia strawberry	12"	76	X		X	X					
PaAu	<i>Packera aurea</i>	Golden Groudsel	12"	2		X	X	X					
PhSu	<i>Phlox subulata</i>	Creeping Phlox	15"	8	X	X	X						
PrVu	<i>Prunella vulgaris</i>	Selfheal	12"	1									
SeTe	<i>Sedum ternatum</i>	woodland stonecrop	12"	6									
<b>Fern</b>													
AtAn	<i>Athyrium angustum forma rubellum</i>	Lady Fern	2'-0"	N A									
OsCi	<i>Osmunda cinnamomea</i>	Cinnamon Fern	2'-0"	6									
OsRe	<i>Osmunda regalis</i>	Royal Fern	2'-0"	6									
<b>Grasses</b>													
BoCu	<i>Bouteloua curtipendula</i>	Sideoats Grama	2'-0"	2	X	X	X						
DeCe	<i>Deschampsia cespitosa</i>	Tufted Hair Grass	2'-0"	1	X	X							
AnGl	<i>Andropogon glomeratus</i>	Bushy Bluestem	2'-0"	14	X	X	X						
ScSc	<i>Schizachyrium scoparium</i>	Little Bluestem	2'-6"	7	X	X	X						
SoNu	<i>Sorghastrum nutans</i>	Indiangrass	2'-6"	6	X	X							
<b>Lawn Replacement</b>													
	<i>Carex socialis</i>	Social Sedge	18"	N A									
	<i>Juncus tenuis</i>	Path Rush	12"	N A	X								
	<i>Salvia lyrata</i>	Lyreleaf Sage	12"	8	X	X	X						
	<i>Viola sororia</i>	Common blue violet	9"	29	X	X	X						
	* accent with species from Groundcover & Green Mulch such as <i>Prunella vulgaris</i>												

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