

GARDEN DESIGN with NATIVE PLANTS

PRINCETON, NJ
MID-ATLANTIC REGION

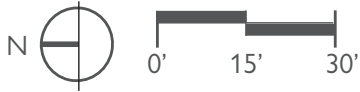
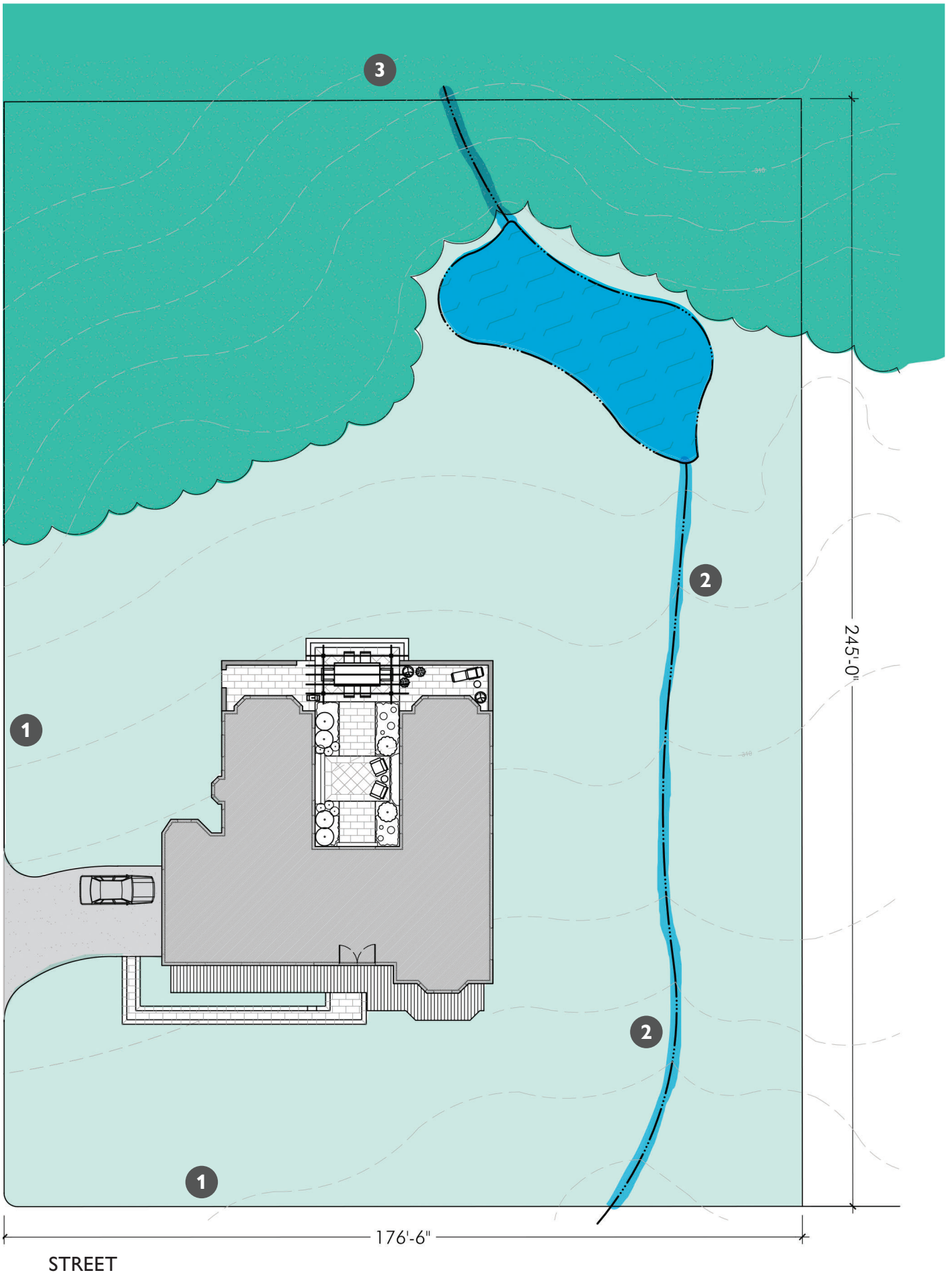
SINGLE FAMILY, ONE ACRE PROPERTY

PREPARED BY:



PREPARED FOR:





KEY

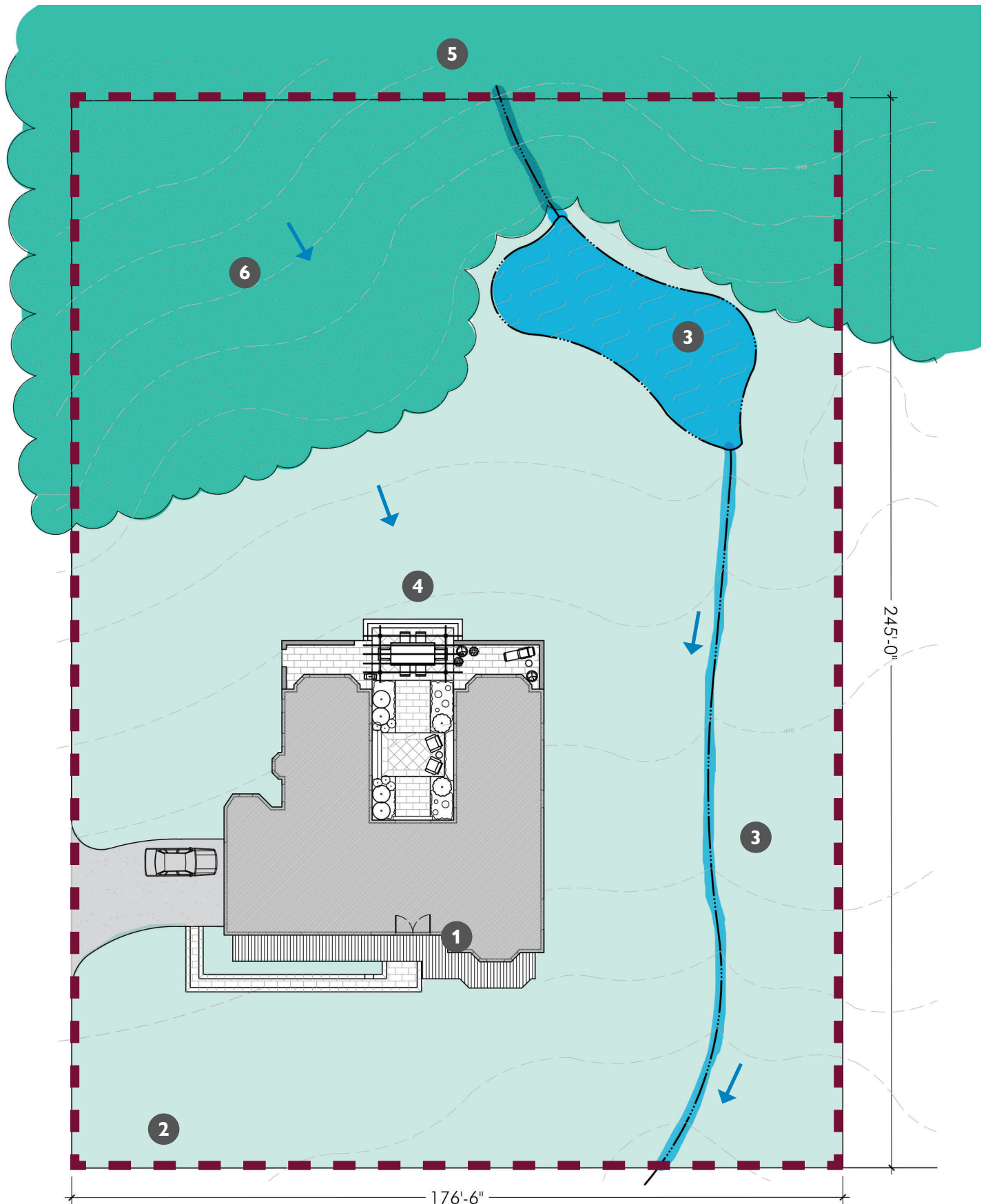
- 1** ROAD FRONTAGE
- 2** ERODED STREAM BANK
- 3** PUBLIC NATURAL AREA
- MOWN LAWN
- FRAGMENT WOODLAND
- POND
- STREAM

SINGLE FAMILY, ONE ACRE: EXISTING CONDITIONS PLAN



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

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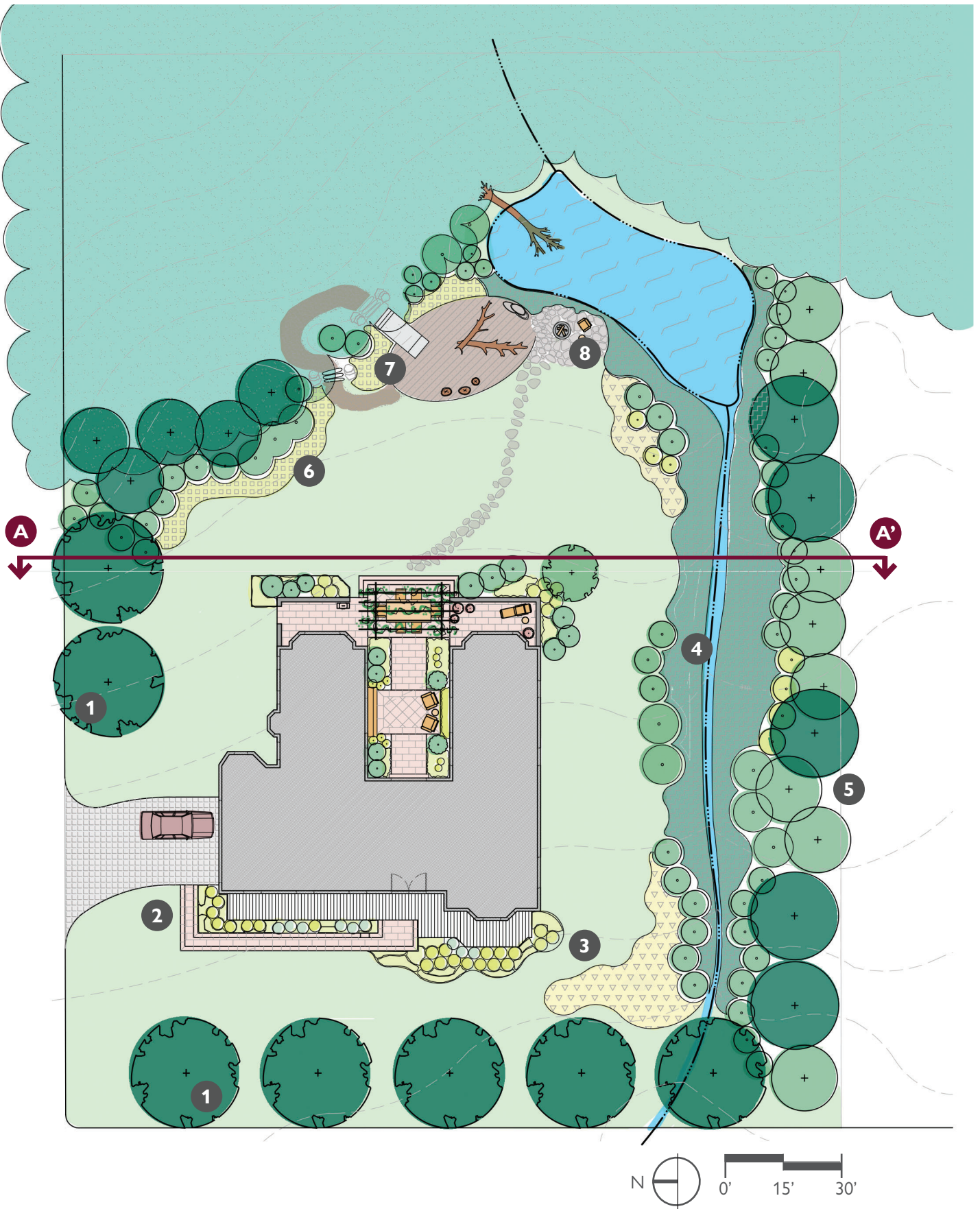


SITE ANALYSIS KEY

- | | |
|---|---|
| <p>1 HOUSE FRONT HAS SOUTH AND WEST EXPOSURE WITH LITTLE AFTERNOON SHADE. FRONT PORCH IS EXPOSED TO STREET & LATE AFTERNOON SUN.</p> <p>2 ROOM TO ESTABLISH BUFFER ALONG WEST AND NORTH ROAD EDGES</p> <p>3 SLOW, SHALLOW STREAM FILLS AND FLOODS DURING RAIN EVENTS; POND IS HABITAT FOR FROGS, TURTLES AND BIRDS; ← WATER FLOW</p> | <p>4 MORNING SUN, LATE AFTERNOON SHADE. PLENTY OF OUTDOOR SPACE FOR ENTERTAINING BUT VIEWS ARE LACKING</p> <p>5 PROPERTY BORDERS PUBLIC NATURAL AREA, DEER PREVALENT ON PROPERTY</p> <p>6 WOODLAND INCLUDES SOME PITCH PINE, SASSAFRAS, SWEET GUM, GRAY BIRCH, WHITE OAK, AND MANY INVASIVE PLANTS</p> |
|---|---|

SINGLE FAMILY, ONE ACRE: SITE ANALYSIS PLAN





SITE LAYOUT KEY

- 1** CANOPY TREE

2 FRONT GARDEN WITH FORMAL ENTRANCE PATH

3 MEADOW WITH MOWN EDGES AND PATHWAYS

4 MIXED HEIGHT RIPARIAN EDGE WITH STABILIZING SHRUBS AND PERENNIALS
- 5** HEDGEROW OF LAYERED WOODY SPECIES

6 WOODLAND TRANSITION AND SUNNY MEADOW EDGE WITH PERENNIALS

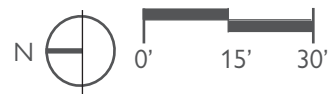
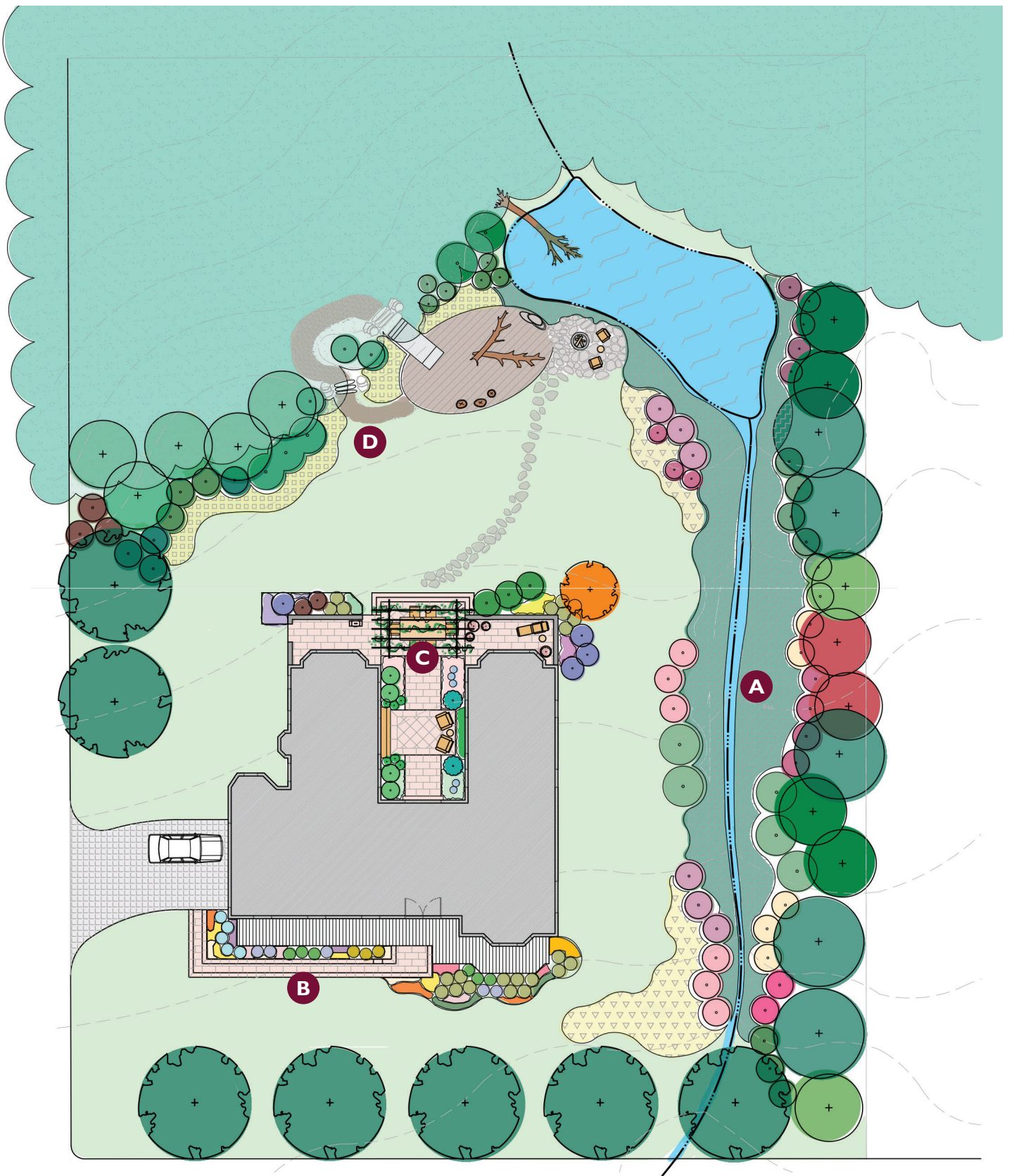
7 WOOD'S WALK & NATURE PLAY AREA

8 FIRE PIT AND SEATING AREA

A ELEVATION LINE, SEE ELEVATION DRAWINGS

LE FAMILY, ONE ACRE: PROPOSED SITE LAYOUT PLAN





PROPOSED PLANTING

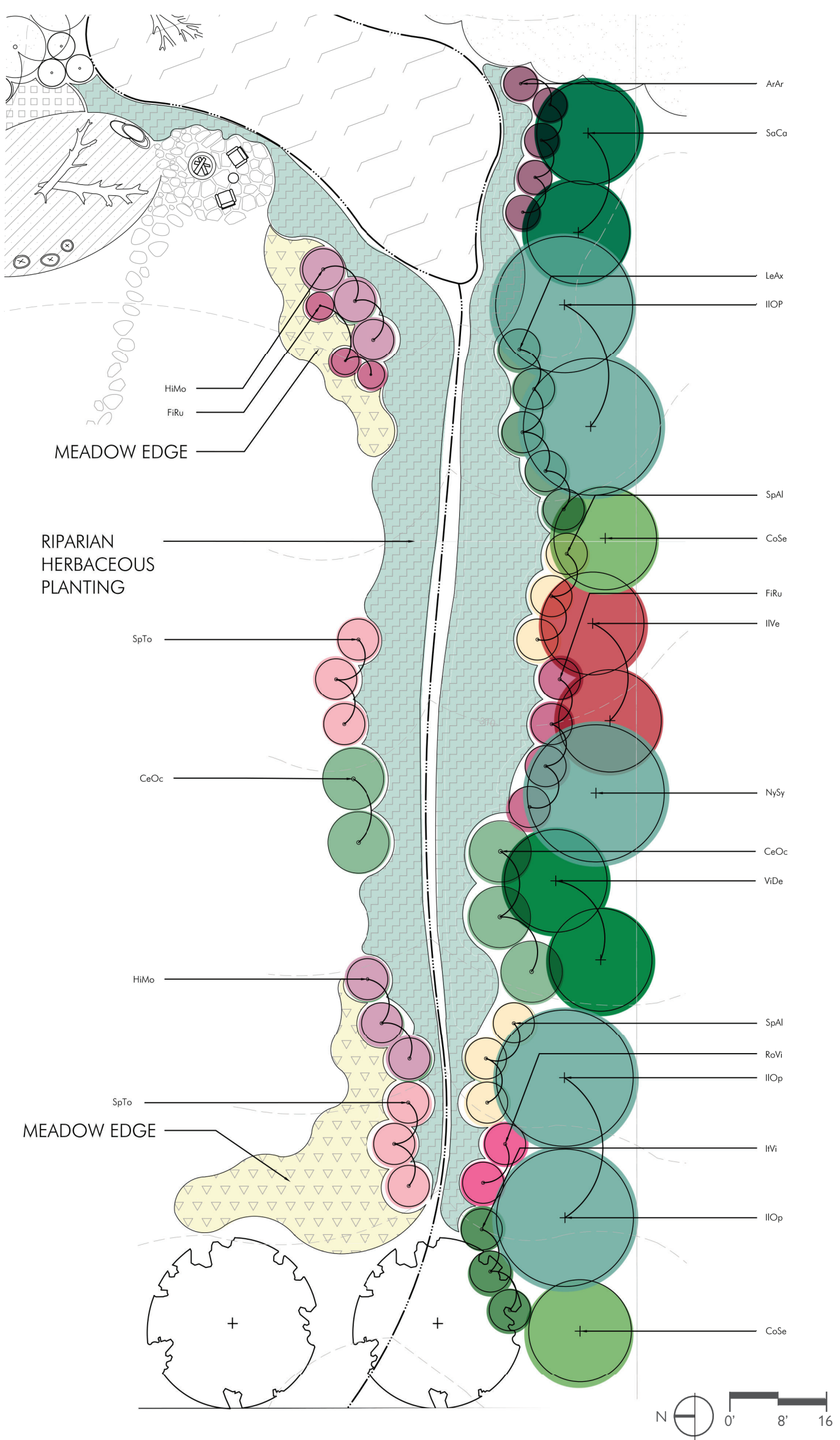
- A** SEE DETAIL OF HEDGEROW & RIPARIAN BUFFER
- B** SEE DETAIL OF FRONT PORCH AND ENTRY WALKWAY
- C** SEE DETAIL OF REAR PATIO & PLANTING
- D** SEE DETAIL OF WOODLAND TRANSITION

SINGLE FAMILY, ONE ACRE: PROPOSED PLANTING



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

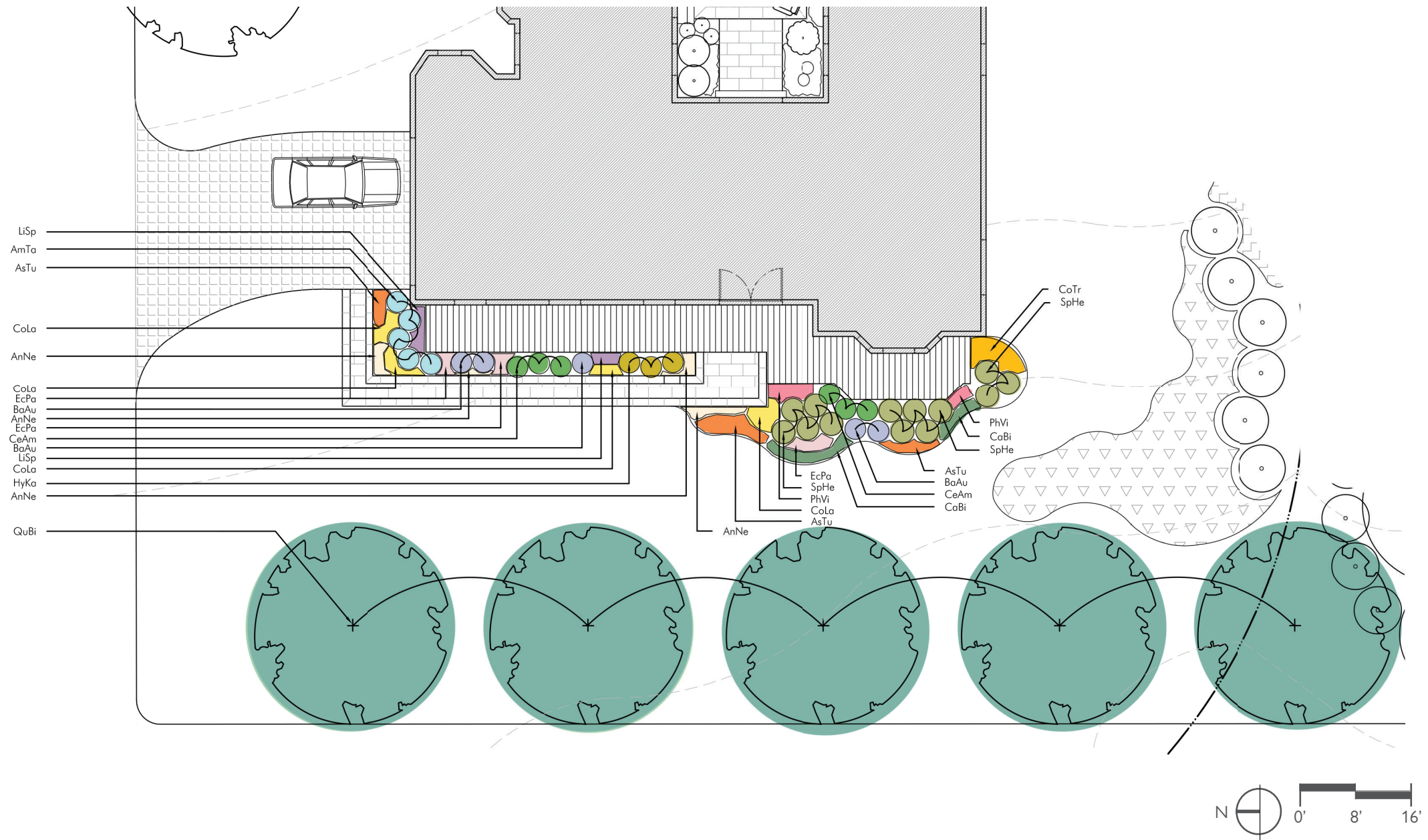
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SINGLE FAMILY, ONE ACRE: DETAIL HEDGEROW AND RIPARIAN BUFFER PLANTING

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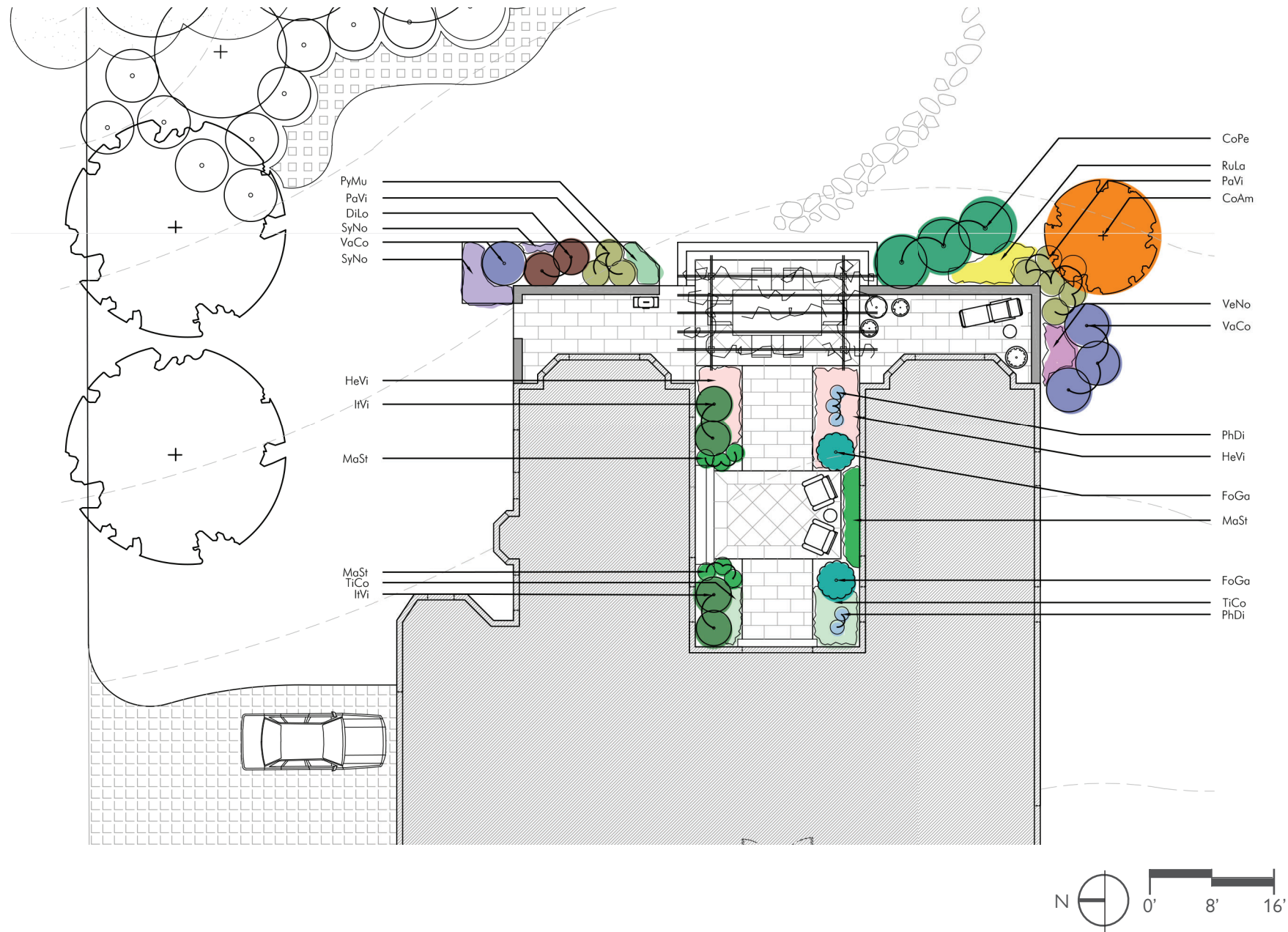
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SINGLE FAMILY, ONE ACRE: DETAIL FRONT PORCH AND ENTRY WALKWAY PLAN

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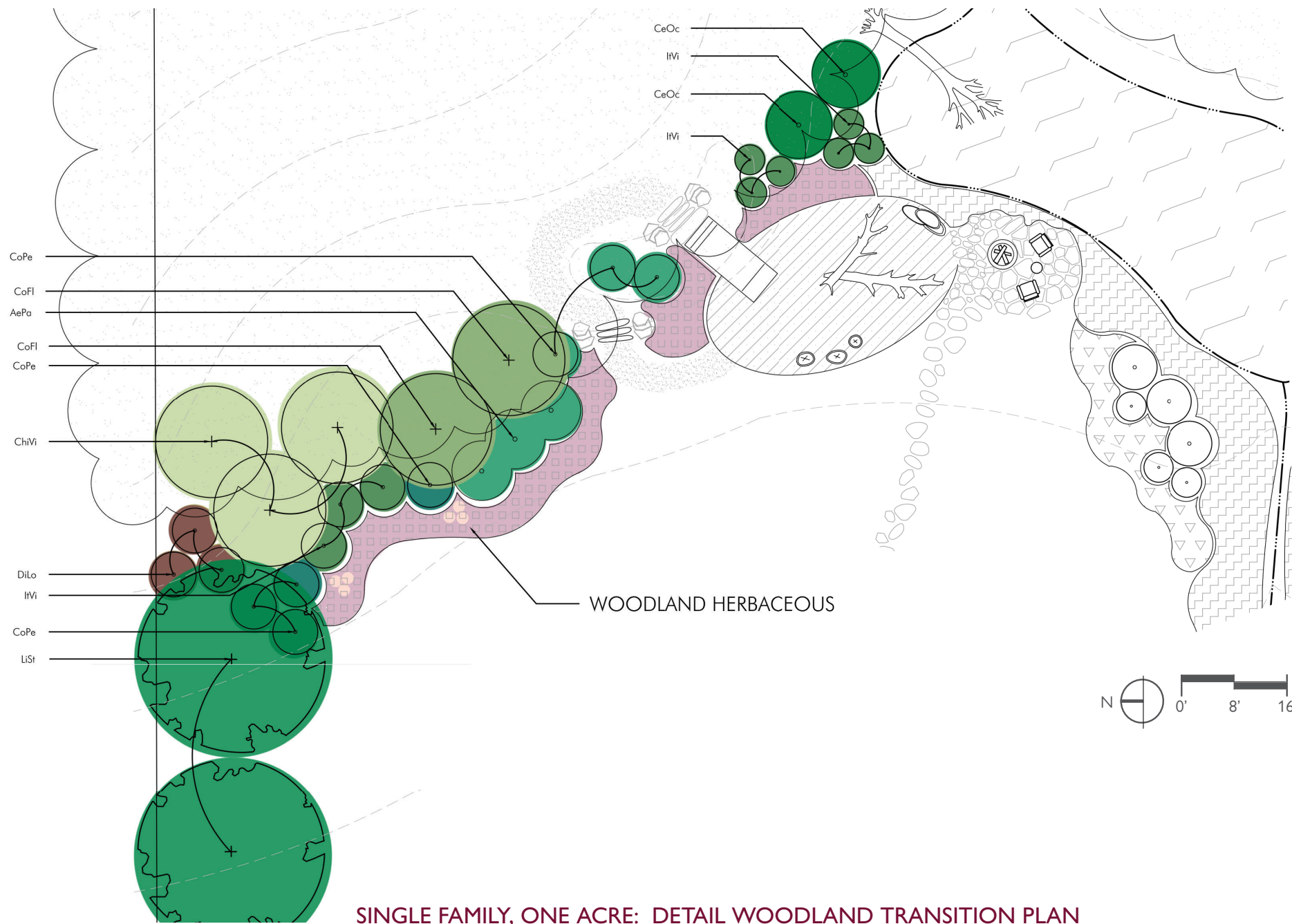
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SINGLE FAMILY, ONE ACRE: DETAIL REAR PATIO PLANTING PLAN

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

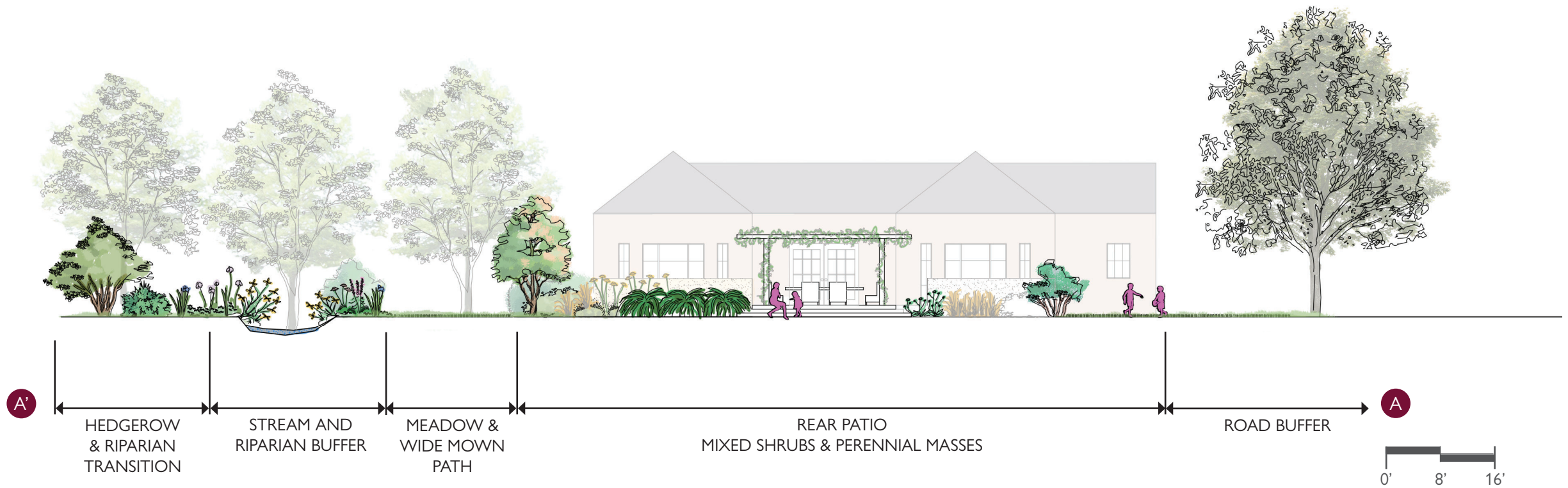
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SINGLE FAMILY, ONE ACRE: DETAIL WOODLAND TRANSITION PLAN

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SINGLE FAMILY, ONE 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	Wildlife Use	Attracts Birds	Attracts Pollinators	Human Use	WINTER	SPRING	SUMMER	FALL
CANOPY EDGE												
LiSt	<i>Liquidambar styraciflua</i>	sweet gum	50'	37	X	X		X				
QuBi	<i>Quercus bicolor</i>	swamp white oak	60'	519	X	X		X				
FRONT PORCH & ENTRY WALKWAY												
AmTa	<i>Amsonia tabernaemontana</i>	bluestar	3'-0"	1			X					
AnNe	<i>Antennaria neglecta</i>	field pussytoes	18"	3	X	X	X					
AsTu	<i>Asclepias tuberosa</i>	butterfly weed	18"	13		X	X					
BaAu	<i>Baptisia australis</i>	blue false indigo	4'-0"	20		X	X	X				
CaBi	<i>Carex bicknellii</i>	Bicknell's sedge	3'-0"	36								
CeAm	<i>Ceanothus americanus</i>	New Jersey tea	5'-0"	43	X	X	X	X				
CoLa	<i>Coreopsis lanceolata</i>	lanceleaf coreopsis	2'-0"	5		X	X					
CoTr	<i>Coreopsis tripteris</i>	tall coreopsis	4'-0"	5	X	X	X					
EcPa	<i>Echinacea pallida</i>	pale purple coneflower	2'-0"	1		X	X					
HyKa	<i>Hypericum kalmianum</i>	Kalm's St. John's wort	3'-0"	19		X	X					
LiSp	<i>Liatris spicata</i>	dense blazing star	2'-0"	4		X	X					
PhVi	<i>Physostegia virginiana</i>	obedient plant	3'-0"	1		X	X					
SpHe	<i>Sporobolus heterolepsis</i>	prairie dropseed	2'-0"	2	X	X	X					
REAR PATIO PLANTING												
CoAm	<i>Corylus americana</i>	American hazelnut	12'-0"	134	X	X	X	X				
DiLo	<i>Diervilla lonicera</i>	bush honeysuckle	4'-0"	4		X	X					
FoGa	<i>Fothergilla gardenii</i>	coastal witch -alder	5'-0"				X					
HeVi	<i>Heuchera villosa</i>	hairy alumroot	18"			X	X					
ItVi	<i>Itea virginica</i>	Virginia sweetspire	6'-0"	1	X	X	X					
MaSt	<i>Matteuccia struthiopteris</i>	ostrich fern	4'-0"	3				X				
PaVi	<i>Panicum virgatum</i>	switchgrass	3'-0"	25	X	X	X					
PhDi	<i>Phlox divaricata</i>	woodland phlox	1'-0"	8	X	X	X					
PyMu	<i>Pycnanthemum muticum</i>	short-tooth mountain mint	2'-0"	4	X	X	X					
RuLa	<i>Rudbeckia laciniata</i>	cutleaf coneflower	3'-0"	19		X	X	X				
SyNo	<i>Symphotrichum novae-angliae</i>	New England aster	4'-0"	11		X	X					
TiCo	<i>Tiarella cordifolia</i>	heartleaf foamflower	2'-0"			X	X					
VaCo	<i>Vaccinium corymbosum</i>	highbush blueberry	5'-0"	277	X	X	X	X				
VeNo	<i>Vernonia noveboracensis</i>	New York ironweed	3'-0"	23		X	X					

SINGLE FAMILY, ONE ACRE: PLANTING SCHEDULE

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

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WOOLDAND TRANSITION												
AePa	<i>Aesculus parviflora</i>	bottlebrush buckeye	10'-0"	37		X	X					
ChVi	<i>Chionanthus virginicus</i>	fringetree	20'-0"	10	X	X	X					
CoFl	<i>Cornus florida</i>	flowering dogwood	20'-0"	117	X	X	X	X				
CoPe	<i>Comptonia peregrina</i>	sweetfern	4'-0"	68		X	X	X				
DiLo	<i>Diervilla lonicera</i>	bush honeysuckle	4'-0"	4		X	X					
ItVi	<i>Itea virginica</i>	virginia sweetspire	6'-0"	1	X	X	X					
WOODLAND HERBACEOUS PATTERN												
	<i>Amsonia hubrichtii</i>	Hubricht's bluestar	3'-0"	1			X					
	<i>Blephilia hirsuta</i>	hairy wood mint	2'-0"		X		X					
	<i>Monarda fistulosa</i>	wild bergamot	18"	10		X	X	X				
	<i>Packera aurea</i>	golden ragwort	18"	2		X	X	X				
	<i>Panicum virgatum</i>	switchgrass	3'-0"	25	X	X	X					
	<i>Penstemon digitalis</i>	foxglove beardtongue	18"	9		X	X					
	<i>Pycnanthemum tenuifolium</i>	slender mountain mint	2'-0"	4	X	X	X	X				
	<i>Schizachyrium scoparium</i>	little bluestem	18"	7	X	X	X					
	<i>Symphotrichum novae-angliae</i>	New Englanc aster	4'-0"	11		X	X					
MEADOW EDGE PATTERN												
	<i>Coreopsis tripteris</i>	tall coreopsis	4'-0"	5	X	X	X					
	<i>Panicum virgatum</i>	switchgrass	3'-0"	25	X	X	X					
	<i>Schizachyrium scoparium</i>	little bluestem	18"	7	X	X	X					
	<i>Sporobolus heterolepis</i>	prairie dropseed	2'-0"	2	X	X	X					
RIPARIAN HERBACEOUS PATTERN												
	<i>Asclepias verticillata</i>	whorled milkweed	2'-0"	13		X	X					
	<i>Asclepias incarnata</i>	swamp milkweed	3'-0"	13		X	X					
	<i>Caltha palustris</i>	marsh marigold	18"	1		X						
	<i>Carex lurida</i>	lurid sedge	18"	36		X						
	<i>Carex rosea</i>	curly wood sedge	2'-0"	36		X						
	<i>Carex vulpinoides</i>	fox sedge	3'-0"	36		X						
	<i>Chelone glabra</i>	white turtlehead	3'-0"	5		X	X					
	<i>Eutrochium maculatum</i>	spotted joe pye weed	4'-0"	32	X		X					
	<i>Iris cristata</i>	crested iris	1'-0"	11		X	X					
	<i>Iris versicolor</i>	blueflag iris	2'-0"	11		X	X					
	<i>Juncus effusus</i>	soft rush	2'-0"	7		X						
	<i>Sisyrinchium angustifolium</i>	blue eyed grass	18"	0		X	X					
	<i>Vernonia lettermannii</i>	ironweed	2'-0"	23		X	X					
	<i>Veronicastrum virginicum</i>	Culver's root	3'-0"	3			X					

SINGLE FAMILY, ONE ACRE: PLANTING SCHEDULE

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HEDGEROW & RIPARIAN BUFFER													
ArAr	<i>Aronia arbutifolia</i>	red chokeberry	4'-0"	5	X	X	X	X					
CeOc	<i>Cephalanthus occidentalis</i>	buttonbush	6'-0"	25	X	X	X						
CoSe	<i>Cornus sericea</i>	redtwig dogwood	8'-0"	117	X	X	X						
FiRu	<i>Filipendula rubra</i>	queen of the prairie	3'-0"	0			X						
HiMo	<i>Hibiscus moscheutos</i>	swamp rose mallow	4'-0"	25		X	X						
IlOp	<i>Ilex opaca</i>	American holly	20'-0"	45	X	X	X						
IlVe	<i>Ilex verticillata</i>	winterberry	8'-0"	45	X	X	X						
LeAx	<i>Leucothoe axillaris</i>	coastal doghobble	5'-0"	4			X						
NySy	<i>Nyssa sylvatica</i>	black gum	30'-0"	36	X	X	X						
RoVi	<i>Rosa virginiana</i>	Virginia rose	6'-0"	120	X	X	X	X					
SaCa	<i>Sambucus canadensis</i>	black elderberry	8'-0"	34	X	X	X	X					
SaRa	<i>Sambucus racemosa</i>	red elderberry	8'-0"	32	X	X	X	X					
SpAl	<i>Spiraea alba</i>	meadowsweet	6'-0"	84		X	X						
SpTo	<i>Spirea tomentosa</i>	steeplebush	5'-0"	84		X	X						
ViDe	<i>Viburnum dentatum</i>	arrowwood virburnum	8'-0"	110	X	X	X						

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