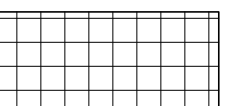
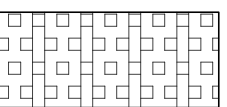
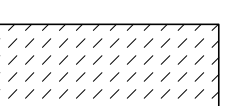

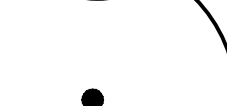
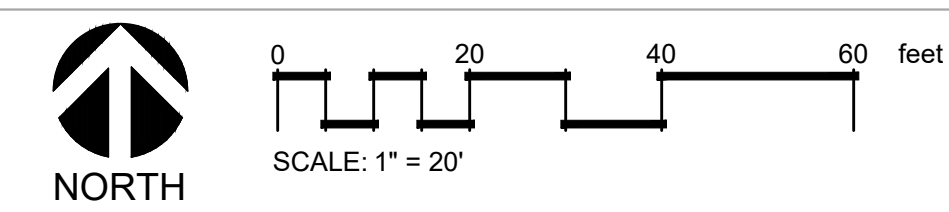


- LEGEND**
-  TREE PIT WITH SOIL CELLS, SEE DETAILS ON SHEET L5
  -  INTERSECTION PLANTER, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
  -  BIORETENTION BUMPOUT PLANTER/STORMWATER PLANTER, SEE DETAILS ON SHEET L6, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
  -  ORNAMENTAL TREE, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
  -  SHADE TREE, SEE PLANT LIST FOR PLANT SELECTION OPTIONS



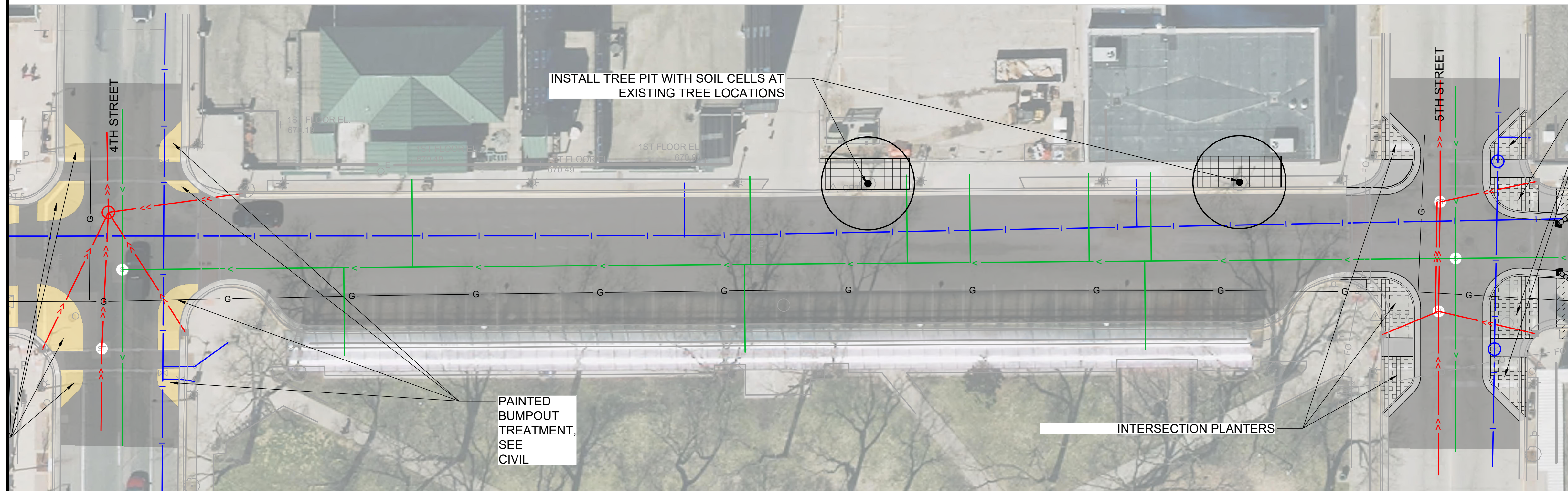
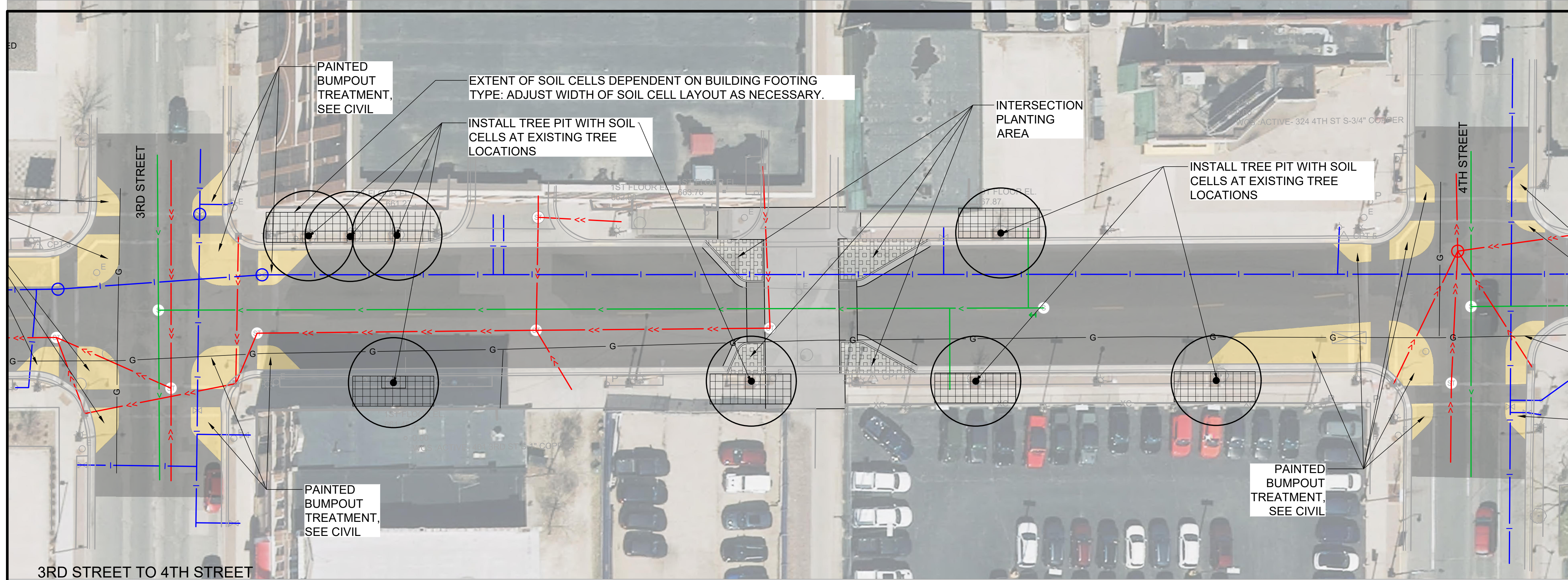
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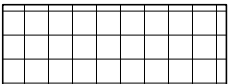
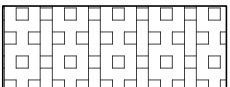
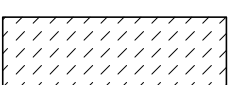


**KING STREET GREENWAY**  
LA CROSSE, WISCONSIN

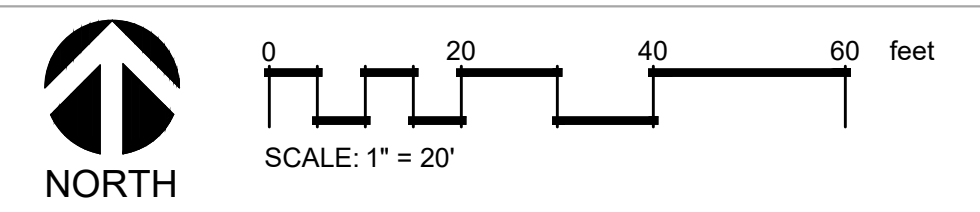
LANDSCAPE PLAN  
FRONT STREET TO THIRD STREET

**L1**  
of



**LEGEND**

-  TREE PIT WITH SOIL CELLS, SEE DETAILS ON SHEET L5
-  INTERSECTION PLANTER, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
-  BIORETENTION BUMPOUT PLANTER/STORMWATER PLANTER, SEE DETAILS ON SHEET L6, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
-  ORNAMENTAL TREE, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
-  SHADE TREE, SEE PLANT LIST FOR PLANT SELECTION OPTIONS



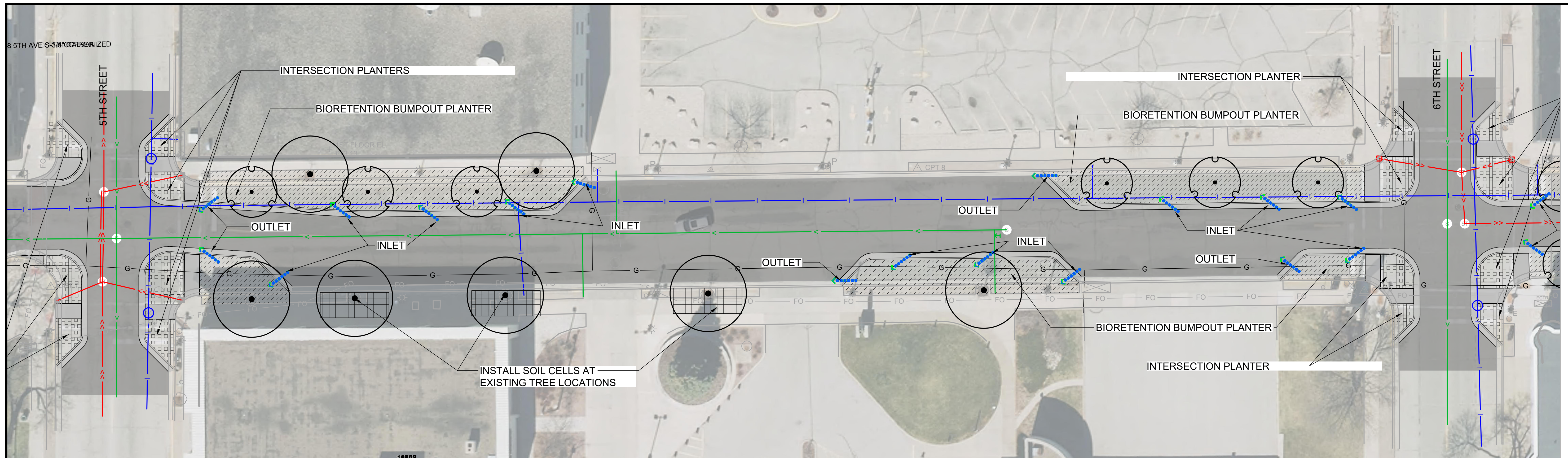
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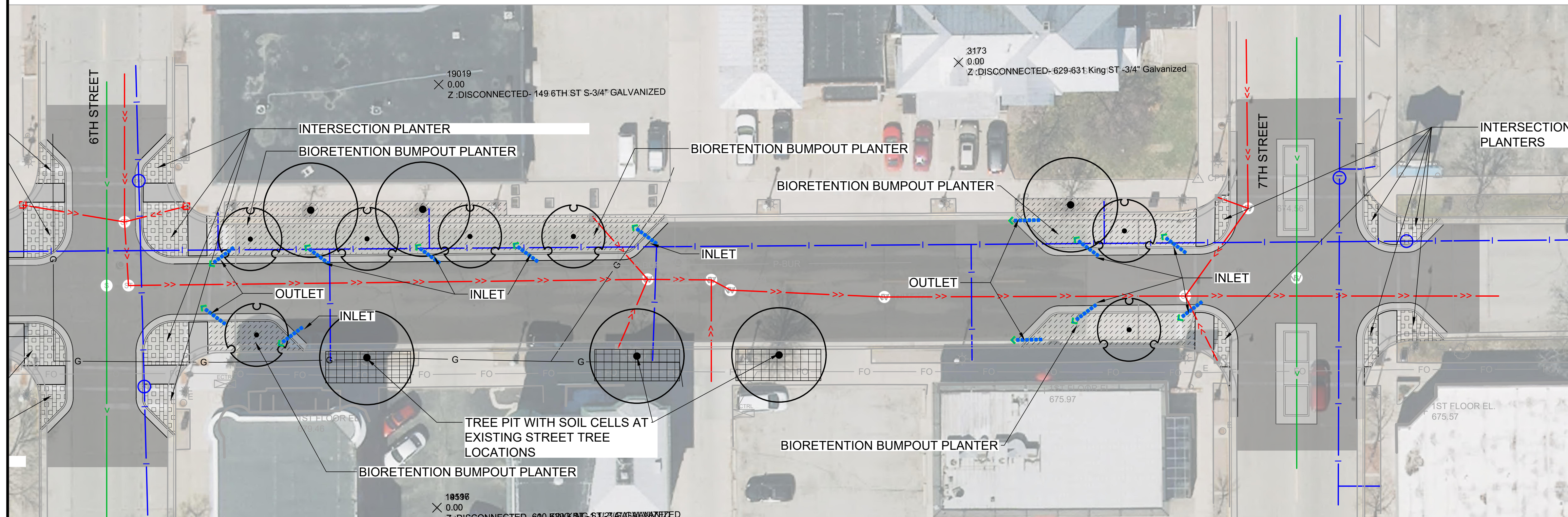
**KING STREET GREENWAY**  
LA CROSSE, WISCONSIN

LANDSCAPE PLAN  
THIRD STREET TO FIFTH STREET

**L2**  
of

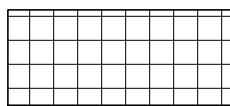
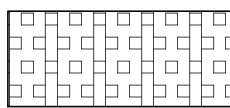
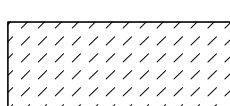




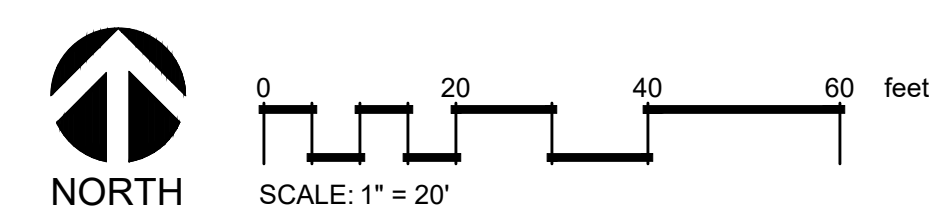
5TH STREET TO 6TH STREET



6TH STREET TO 7TH STREET

**LEGEND**

-  TREE PIT WITH SOIL CELLS, SEE DETAILS ON SHEET L5
-  INTERSECTION PLANTER, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
-  BIORETENTION BUMPOUT PLANTER/STORMWATER PLANTER, SEE DETAILS ON SHEET L6, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
-  ORNAMENTAL TREE, SEE PLANT LIST FOR PLANT SELECTION OPTIONS
-  SHADE TREE, SEE PLANT LIST FOR PLANT SELECTION OPTIONS



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**KING STREET GREENWAY**  
LA CROSSE, WISCONSIN

LANDSCAPE PLAN  
FIFTH STREET TO SEVENTH STREET

**RECOMMENDED PLANT LIST:**

- PLANT LIST RECOMMENDATIONS ARE ORGANIZED BELOW BY PLANTING AREA
- FINAL PLANTING PLANS ARE TO BE SITE SPECIFIC AND REFLECT SITE CONDITIONS, SUCH AS SOLAR ACCESS, VISION TRIANGLES, AND ADJACENT USES.
- ALL PLANT MATERIAL TO BE SYMMETRICAL AND TYPICAL OF THEIR SPECIES; HEALTHY, WELL BRANCHED, AND WELL-PROPORTIONED IN RESPECT TO HEIGHT AND WIDTH; FREE FROM DISEASE, INJURY, INSECTS, AND WEAK ROOTS; AND , CONFORMING TO THE REQUIREMENTS OF THE ANLA ANSI Z60.1.
- ALL TREES TO BE BALLED AND BURLAP, WITH A 2" CALIPER MINIMUM.
- MINIMUM SHRUB SIZE: 5 GALLON CONTAINER
- MINIMUM PERENNIAL AND ORNAMENTAL GRASS SIZE: 1 GALLON CONTAINER
- STORMWATER GRASSES AND SEDGES TO BE PLANTED AS PLUGS.

STREET TREES	
Aesculus glabra	Ohio Buckeye
Carya ovata	Shagbark Hickory
Celtis occidentalis	Common Hackberry
Celtis occidentalis	Hackberry
Gleditsia triacanthos inermis	Thornless Honeylocust
Hymnocladus dioica	Kentucky Coffeetree
Liriodendron tulipifera	Tulip Poplar
Platanus occidentalis	Sycamore/Plane Tree
Prunus serotina	Black Cherry
Quercus bicolor	Swamp White Oak
Tilia codata 'Greenspire'	Linden
Ulmus americana 'Princeton'	Princeton American Elm
Ulmus x 'Morton'	Accolade Elm
INTERSECTION PLANTERS	
Perennials	
Blephilia hirsuta	Wood Mint
Monarda fistulosa	Wild Bergamot
Allium cernuum	Nodding Onion
Asclepias syriaca	Common Milkweed
Asclepias tuberosa	Butterfly Milkweed
Geranium maculatum	Spotted Geranium
Monarda didyma	Bee Balm
Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint
Penstemon cardinalis	Cardinal Beardtongue
Polygonatum biflorum	Solomon's Seal
Sedum spectabile 'Autumn Joy'	Autumn Joy Stonecrop
Symphytorichum cordifolium	Blue Wood Aster
Symphytorichum novae-angliae	New England Aster
Veronicastrum virginicum	Culver's Root
Ornamental Grasses	
Bouteloua curtipendula	Side Oats Grama
Deschampsia cespitosa	Tufted Hairgrass
Sporobolus heterolepis	Prairie Dropseed
Schizachyrium scoparium	Little Bluestem
Shrubs - all varieties to have mature height of 30" or less, or tolerate pruning to maintain 30" height	
Aronia melanocarpa 'Lowscape Mound'	Low Scape Mound Chokeberry
Buxus x 'Green Velvet'	Green Velvet Boxwood
Hypericum kalmianum	Kalm St. Johnswort
Juniperus x 'Grey Owl'	Grey Owl Juniper
BIORETENTION BUMPOUT PLANTERS	
Ornamental Trees - all trees within right of way must be single stem specimen only	
Amelanchier grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry
Betula nigra	River Birch
Carpinus caroliniana	Musclegwood
Cercis canadensis	Eastern Redbud
Malus x 'Spring Snow'	Spring Snow Crabapple
Crataegus crus-galli inermis	Hawthorne
Ostrya virginiana	Ironwood
Cornus alternifolia	Pagoda Dogwood
Perennials	
Agastache foeniculum	Lavender Hyssop
Asclepias tuberosa	Butterfly Weed
Aster azureus	Sky Blue aster
Aster novae-angliae	New England Aster
Chelone glabra	Turtlehead
Echinacea purpurea	Purple Coneflower
Geranium maculatum	Wild Geranium
Iris versicolor	Blue Flag Iris
Liatris ligulistylis	Meadow blazingstar
Lobelia cardinalis	Cardinal Flower
Pycnanthemum virginianum	Mountain Mint
Rudbeckia fulgida speciosa	Showy Black-Eyed Susan
Grasses, Sedges, and Rush	
Carex comosa	Bottlebrush sedge
Carex emoryi	Emory's Sedge
Carex vulpinoidea	Brown Fox Sedge
Juncus effusus	Soft Rush
Panicum virgatum	Switchgrass

**PROJECT NOTES:**

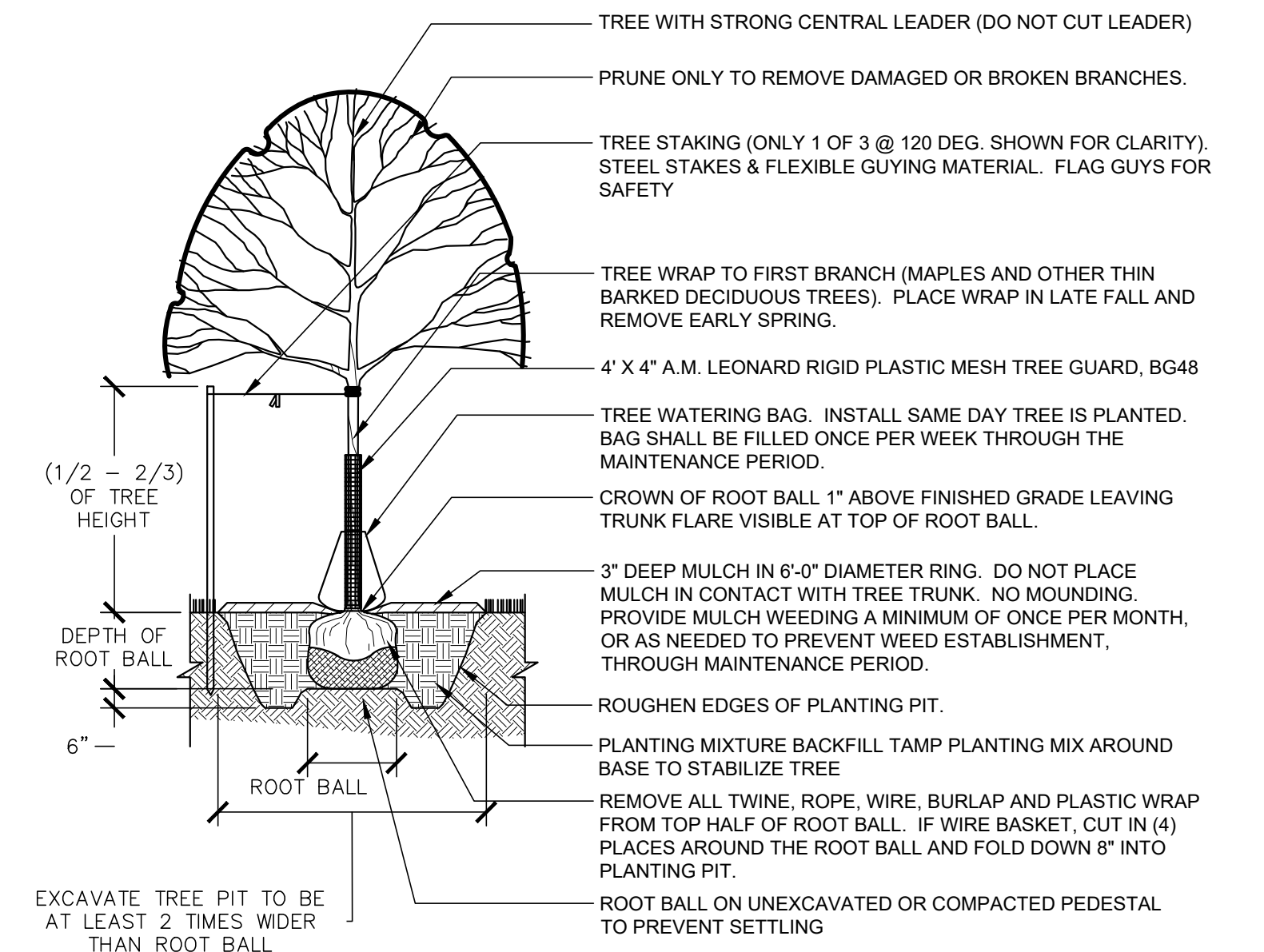
- ALL WORK TO COMPLY WITH CITY OF LA CROSSE ENGINEERING DEPARTMENT STANDARD SPECIFICATIONS AND PROCEDURES.
- ADJUST LOCATIONS OF REGULATORY SIGNAGE TO MEET DOT AND LA CROSSE ENGINEERING DEPARTMENT STANDARD SPECIFICATIONS.
- ALL EXISTING LIGHT POLES TO REMAIN IN PLACE.

**STORMWATER PLANTER (ALSO REFERED TO AS BIORETENTION BUMPOUT PLANTER):**

- STORMWATER PLANTER TO BE HYDRAULICALLY DISCONNECTED FROM CITY STORM SEWER.
- STORMWATER PLANTER SHALL NOT BE HYDRAULICALLY CONNECTED TO BUILDING OR PAVEMENT FOUNDATIONS OR CAUSE NEGATIVE IMPACTS TO STRUCTURES.
- STORMWATER PLANTER SHALL BE CONSTRUCTED PER WISCONSIN DNR TECHNICAL STANDARD 1004 BIORETENTION.
- STORMWATER PLANTER DESIGN TO MEET AND EXCEED LOCAL, STATE, AND FEDERAL GUIDELINES FOR TSS AND PHOSPHOROUS REMOVAL.
- STRUCTURAL ENGINEER, WITH INPUT FROM GEOTECHNICAL ENGINEER, SHALL DESIGN WALL DIMENSIONS, REINFORCING, ANY FOUNDATION COMPONENTS SUCH AS FOOTING OR BOTTOM SLAB, AND SUBGRADE/BEDDING/BACKFILL SPECIFICATIONS.
- FOR STREET SLOPES LESS THAN 5.5 PERCENT, THE ELEVATION OF THE FLOW LINE AT POINT A REPRESENTS THE WATER SURFACE ELEVATION ABOVE WHICH WATER IN THE PLANTER WOULD START TO FLOW OUT AND BE CONVEYED DOWN THE GUTTER. THIS ELEVATION IS EQUAL TO THE WATER QUALITY SURFACE AND IS THE TOP OF THE WATER QUALITY CAPTURE VOLUME (WQCV).
- FOR STREET SLOPES GREATER THAN 5.5 PERCENT, THE ELEVATION OF THE FLOW LINE AT POINT B REPRESENTS THE WATER SURFACE ELEVATION ABOVE WHICH WATER IN THE PLANTER WOULD START TO FLOW OUT AND BE CONVEYED DOWN THE GUTTER. THIS ELEVATION IS EQUAL TO THE WATER QUALITY WATER SURFACE AND IS THE TOP OF THE WATER QUALITY CAPTURE VOLUME.
- ALL EXISTING UTILITIES TO REMAIN. WHERE UTILITIES BIsect PLANTERS, WRAP IN ROOT STOP SMOOTH ROOT BARRIER TO PROTECT UTILITIES FROM ROOT PENETRATION.
- BIORETENTION MEDIA SHALL MEET THE SPECIFICATIONS IDENTIFIED IN THE WISCONSIN DNR "BIORETENTION FOR INFILTRATION (1004)) TECHNICAL STANDARD. TOP OF MEDIA SHALL BE A MINIMUM OF 6 INCHES AND A MAXIMUM OF 9 INCHES BELOW THE WQCV WATER SURFACE ELEVATION.
- FILTER MATERIAL SHALL MEET THE SPECIFICATIONS IDENTIFIED IN USDCM VOLUME 3. FILTER MATERIAL (NOT BIORETENTION MEDIA) SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 70 PERCENT OF RELATIVE DENSITY DETERMINED IN ACCORDANCE WITH ASTM D4253 AND D4254 (FOR FINES CONTENT LESS THAN 5 PERCENT).
- PROVIDE A GAP IN THE SIDEWALL OR DEPRESSED SECTION (SPILLWAY) AT THE DOWNSTREAM END OF THE STREETSIDE PLANTER WALL AT LEAST 2 FEET LONG TO ENSURE THAT OVERFLOWS FROM PLANTER WILL EXIT ON THE STREETSIDE. THE CREST OF THE SPILLWAY SHALL BE SET AT THE WQCV WATER SURFACE ELEVATION.
- STRUCTURAL BACKFILL SHALL CONSIST OF WISDOT STRUCTURE BACKFILL, AS DETERMINED BY ENGINEER AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.
- FOR OPERATION AND MAINTENANCE OF STORMWATER PLANTER, REFER TO "OPERATION AND MAINTENANCE CONSIDERATIONS FOR GREEN STREET IMPLEMENTATION TECHNICAL MEMORANDUM" WITHIN THE "GREEN STREETS STORMWATER MANAGEMENT PLAN", PREPARED FOR THE CITY OF MILWAUKEE, WI.
- PLANTING PALETTE DEPENDENT ON MAINTENANCE AGREEMENT WITH ADJACENT LANDOWNER. WHERE MAINTENANCE AGREEMENT HAS BEEN SIGNED, INCREASED PLANT DIVERSITY (INCLUDING PERENNIALS AND APPROPRIATE SHRUBS) IS ENCOURAGED. IN PLANTERS WITHOUT A MAINTENANCE AGREEMENT IS SIGNED, PLANTING PALETTE TO BE SIMPLIFIED TO TREES AND SEDGES.

**MATERIALS:**

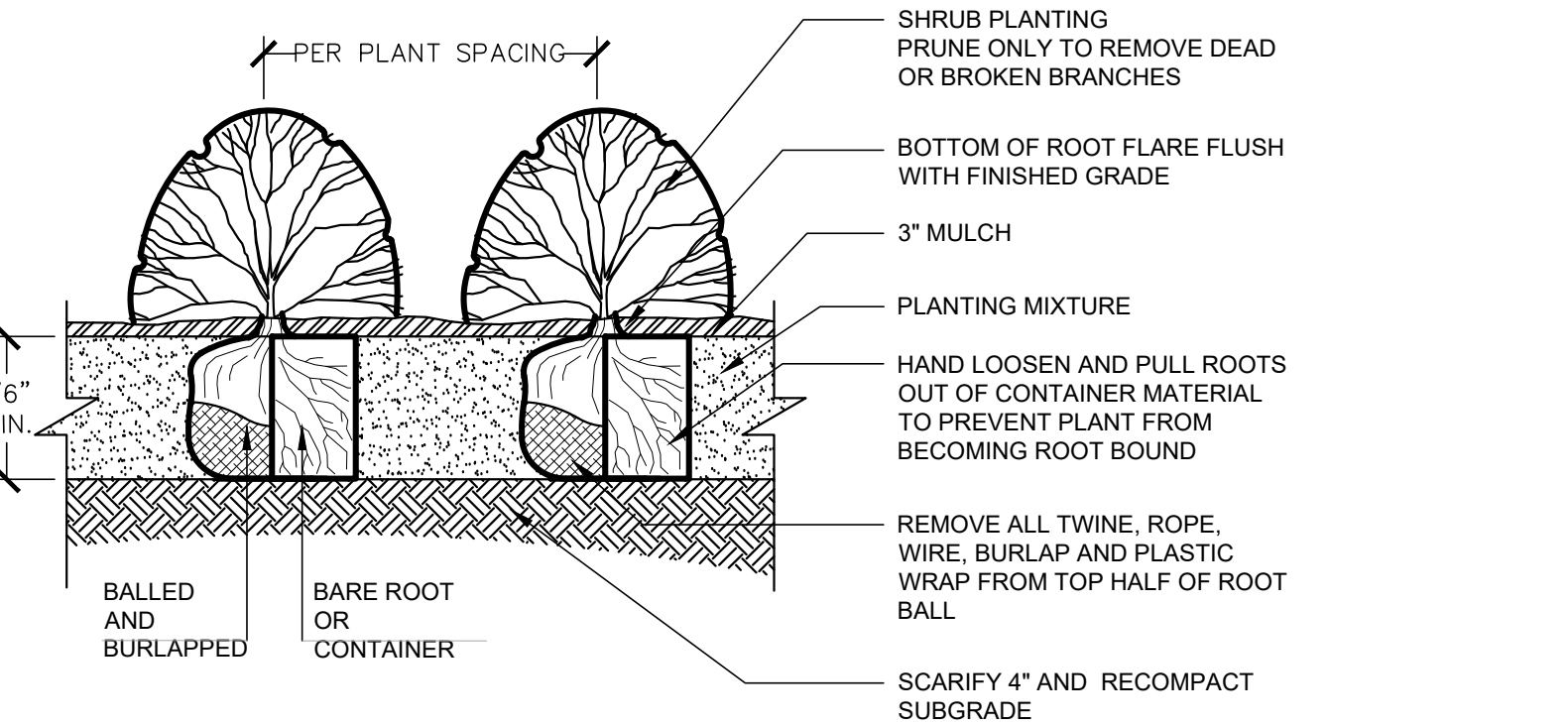
- LIMESTONE FLAGSTONE: QUARRY RIDGE FLAGSTONE, 2" - 4" THICK, 18" - 30" DEEP, 24" - 48" WIDE
- COBBLESTONE DRYSTREAM: 1.5" - 3" SMOOTH MISSISSIPPI RIVER ROCK, 3" DEEP. PROVIDE SOIL SEPARATION FABRIC BETWEEN DRYSTREAM AND PLANTING SOIL MIX.
- DECORATIVE BOULDERS:
  - PLACE AT DRYSTREAM CURVE TRANSITIONS IN GROUPINGS OF 2 SMALL AND 1 MEDIUM, 1 MEDIUM AND 1 LARGE, AND 1 LARGE BOULDER.
  - SMALL BOULDER: 12" - 18" ROUNDED FIELDSTONE BOULDER
  - MEDIUM BOULDER: 24" - 30" ROUNDED FIELDSTONE BOULDER
  - LARGE BOULDER: 36" - 48" ROUNDED FIELDSTONE BOULDER
- PAVERS: TERRACE PAVERS TO MATCH EXISTING CITY OF LA CROSSE STANDARD TERRACE PAVER FOR DOWNTOWN AREA.
- ENGINEERED SOIL PLANTING BED: 18" DEEP MINIMUM, COMPOSED OF MIXTURE OF 70 TO 85% COARSE SAND AND 15 TO 30% COMPOST, MEETING REQUIREMENTS OF WI DNR 1004 BIORETENTION FOR INFILTRATION TECHNICAL STANDARD.



**1 TREE PLANTING**

1/4" = 1'-0"

32 9343-01

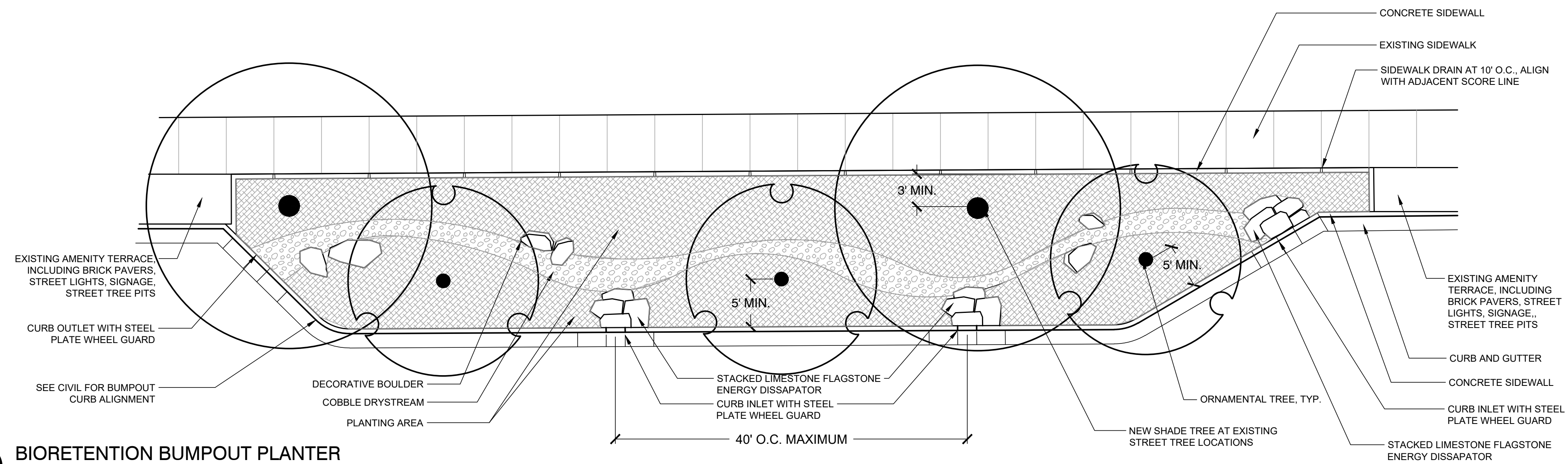


**2 SHRUB PLANTING**

1/2" = 1'-0"

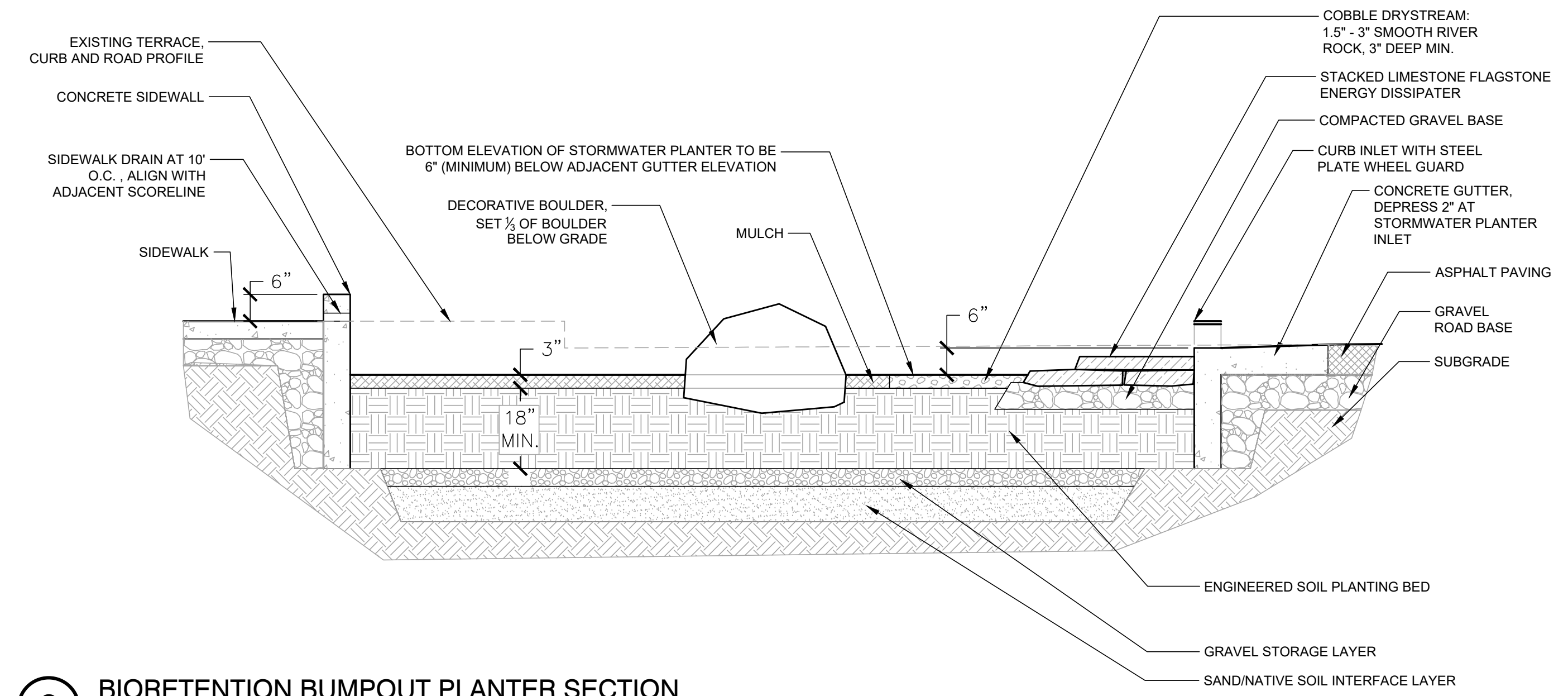
32 9333-04





**1** BIORETENTION BUMPOUT PLANTER  
1/8" = 1'-0"

32 93-06



**2** BIORETENTION BUMPOUT PLANTER SECTION  
1/2" = 1'-0"

32 93-07

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