

# UPPER BEE BRANCH CREEK RESTORATION

CITY OF DUBUQUE  
DUBUQUE COUNTY, IOWA

PART 2 - PLANTING & AESTHETICS

MARCH 2014

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A. RHOMBERG AVENUE - AERIAL VIEW



Amelanchier grandiflora 'Autumn Brilliance'



Acer saccharum 'Baillsta'



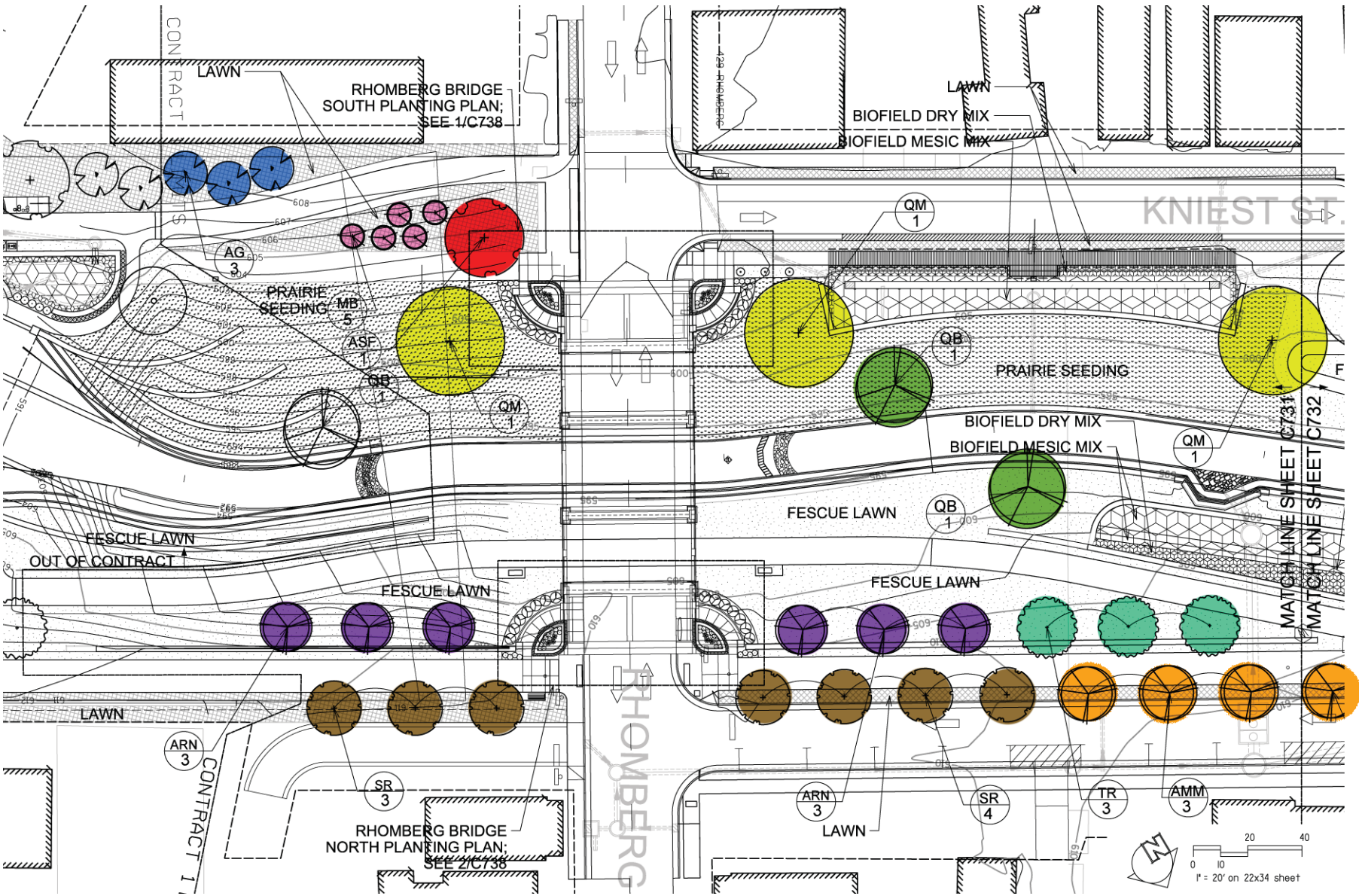
Quercus bicolor



Quercus macrocarpa



Acer rubrum



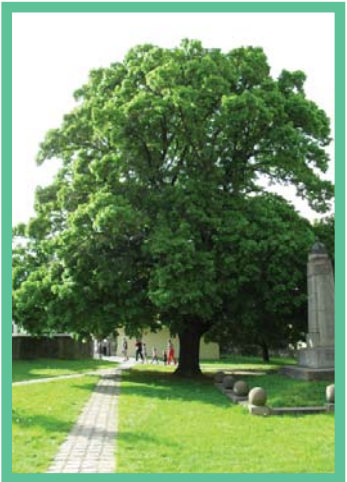
| Plant List-A               |                                               |                                |                                                  |              |                                                       |                     |                   |                     |                        |                                   |                 |
|----------------------------|-----------------------------------------------|--------------------------------|--------------------------------------------------|--------------|-------------------------------------------------------|---------------------|-------------------|---------------------|------------------------|-----------------------------------|-----------------|
| Key                        | Botanical Name                                | Common Name                    | Planted Size                                     | Spec.        | Mature Size                                           | Form                | Foliage           | Fall Color          | Flower                 | Fruit                             | Notes           |
| Deciduous Canopy Trees     |                                               |                                |                                                  |              |                                                       |                     |                   |                     |                        |                                   |                 |
| AMM                        | Acer miyabei 'Morton'                         | State Street Maple             | 2.5" Cal. / 12-14' Ht.<br>4.5" Cal. / 16-18' Ht. | B&B or spade | 30-40' ht. x 30-40' sp.<br>Medium growth rt.          | Upright oval        | Dark green        | Yellow              | Insignificant          | Double samara                     |                 |
| ARN                        | Acer rubrum 'Northwood'                       | Northwood Red Maple            | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 25-40' sp.<br>Moderately fast growth rt. | Rounded to oval     | Shiny green       | Red-orange          | Showy red              | Red double samara                 |                 |
| ASF                        | Acer saccharum 'Baillsta'                     | Fall Fiesta Sugar Maple        | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50' ht. x 60' sp.<br>Moderately slow growth rt.       | Upright rounded     | Glossy green      | Red-orange          | Insignificant          | Double samara                     |                 |
| QB                         | Quercus bicolor                               | Swamp White Oak                | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50-60' ht. x 40-60' sp.<br>Slow to medium growth rt.  | Rounded, spreading  | Glossy green      | Golden-brown        | Insignificant          | Long-stem acorn                   |                 |
| QM                         | Quercus macrocarpa                            | Bur Oak                        | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 80' ht. x 80' sp.<br>Slow to medium growth rt.        | Broad, columnar     | Dark green        | Yellow brown to tan | Catkin - insignificant | Acorns with fringed caps          |                 |
| TR                         | Tilia cordata 'Greenspire'                    | Greenspire Linden              | 2.5" Cal. / 8-10' Ht.<br>4.5" Cal. / 11-12' Ht.  | B&B or spade | 40-50' ht. x 30-35' sp.<br>Medium growth rt.          | Broad, conical      | Dark green        | Yellow              | Creamy white, fragrant | BB-sized single helicopter fruit  |                 |
| Deciduous Ornamental trees |                                               |                                |                                                  |              |                                                       |                     |                   |                     |                        |                                   |                 |
| AG                         | Amelanchier x grandiflora 'Autumn Brilliance' | Autumn Brilliance Serviceberry | 8' Ht.<br>12' Ht.                                | B&B or spade | 20-25' ht. x 20-25' sp.<br>Medium growth rt.          | stemmed, rounded    | Medium green      | Orange to red       | Showy white            | Edible, blue 1/4-1/3" diam. fruit | Ornamental bark |
| MB                         | Magnolia 'Butterflies'                        | Butterflies Magnolia           | 2" Cal. / 8-10' Ht.<br>2" Cal. / 8-10' Ht.       | B&B or spade | 15-20' ht. x 10-15' sp.<br>Medium to fast growth rt.  | Upright pyramidal   | Glossy dark green | Insignificant       | Yellow, fragrant       | 2-3" long pods                    |                 |
| SR                         | Syringa reticulata 'Ivory Silk'               | Ivory Silk Japanese Tree Lilac | 4" Cal. / 11-12' Ht.                             | B&B or spade | 25' ht. x 15-20' sp.<br>Medium growth rt.             | Oval, rounded crown | Dark green        | Insignificant       | Showy white, fragrant  | Insignificant                     | Ornamental bark |



Acer miyabei 'Morton'



Syringa reticulata 'Ivory Silk'

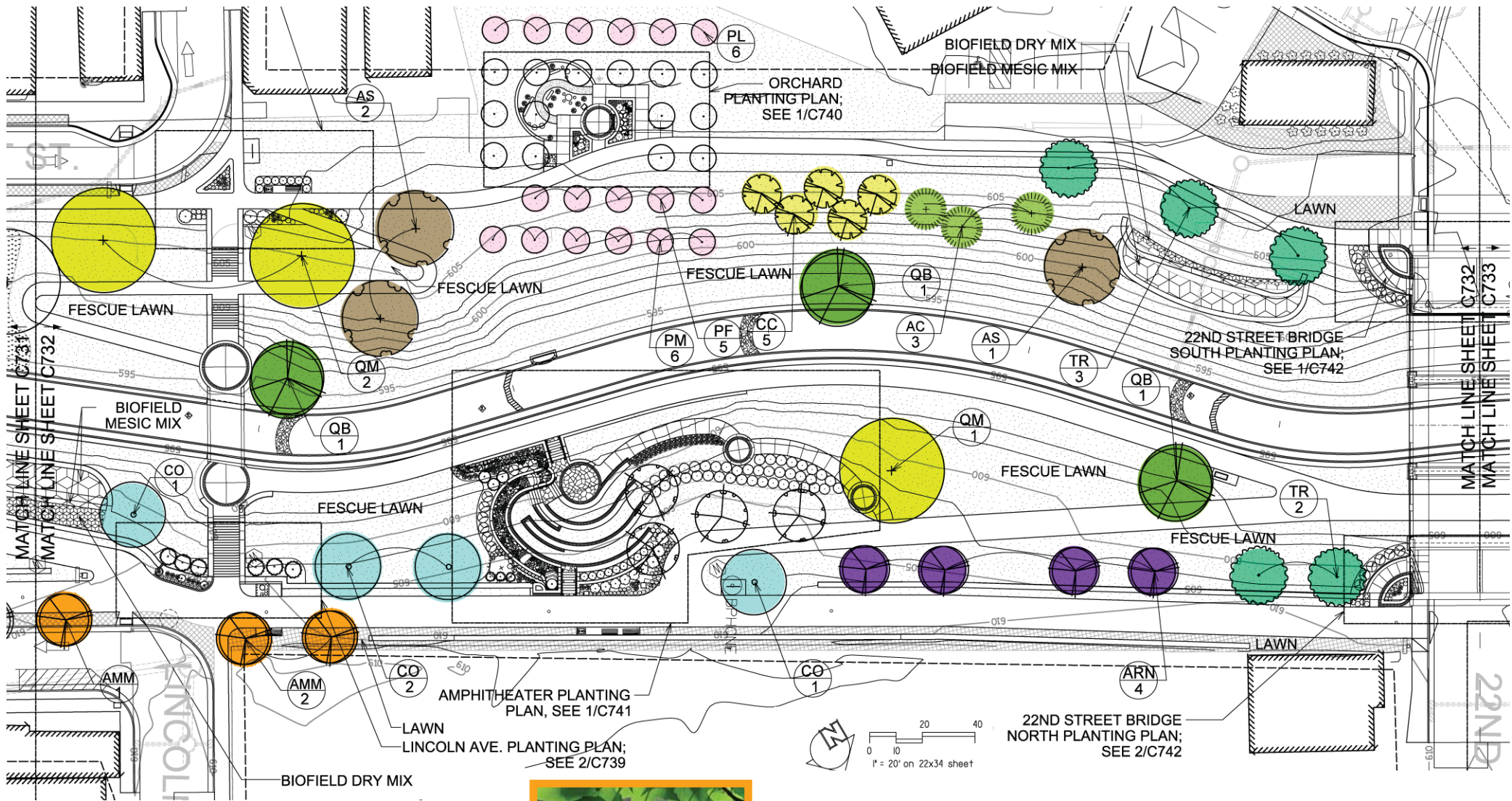


Tilia americana

A. RHOMBERG AVENUE - PLANTING PLAN



B. LINCOLN AVENUE TO 22ND STREET - AERIAL VIEW



Tilia americana



Abies concolor



Pyrus 'Flemish Beauty'



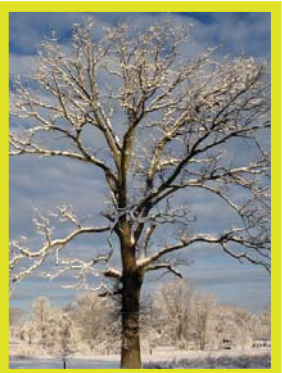
Prunus domestica 'Mount Royal'



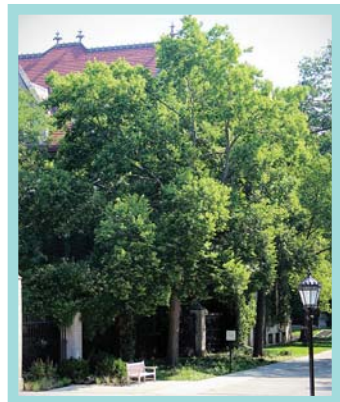
Crataegus crus-galli var.



Acer saccharum 'Bailsta'



Quercus macrocarpa



Celtis occidentalis



Quercus bicolor



Acer miyabei 'Morton'



Acer rubrum

Plant List-B

| Key                        | Botanical Name                                | Common Name                  | Planted Size                                     | Spec.        | Mature Size                                           | Form                              | Foliage                      | Fall Color              | Flower                                  | Fruit                                             | Notes                                        |
|----------------------------|-----------------------------------------------|------------------------------|--------------------------------------------------|--------------|-------------------------------------------------------|-----------------------------------|------------------------------|-------------------------|-----------------------------------------|---------------------------------------------------|----------------------------------------------|
| Deciduous Canopy Trees     |                                               |                              |                                                  |              |                                                       |                                   |                              |                         |                                         |                                                   |                                              |
| AMM                        | Acer miyabei 'Morton'                         | State Street Maple           | 2.5" Cal. / 12-14' Ht.<br>4.5" Cal. / 16-18' Ht. | B&B or spade | 30-40' ht. x 30-40' sp.<br>Medium growth rt.          | Upright oval                      | Dark green                   | Yellow                  | Insignificant                           | Double samara                                     |                                              |
| ARN                        | Acer rubrum 'Northwood'                       | Northwood Red Maple          | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 25-40' sp.<br>Moderately fast growth rt. | Rounded to oval                   | Shiny green                  | Red-orange              | Showy red                               | Red double samara                                 |                                              |
| ASF                        | Acer saccharum 'Bailsta'                      | Fall Fiesta Sugar Maple      | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50' ht. x 60' sp.<br>Moderately slow growth rt.       | Upright rounded                   | Glossy green                 | Red-orange              | Insignificant                           | Double samara                                     |                                              |
| CO                         | Celtis occidentalis                           | Hackberry                    | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 40-60' sp.<br>Moderately fast growth rt. | Vase-shaped                       | Medium green                 | Yellow                  | Insignificant                           | Rounded drupe                                     | Unique "pebbly" bark                         |
| QB                         | Quercus bicolor                               | Swamp White Oak              | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50-60' ht. x 40-60' sp.<br>Slow to medium growth rt.  | Rounded, spreading                | Glossy green                 | Golden-brown            | Insignificant                           | Long-stem acorn                                   |                                              |
| QM                         | Quercus macrocarpa                            | Bur Oak                      | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 80' ht. x 80' sp.<br>Slow to medium growth rt.        | Broad, columnar                   | Dark green                   | Yellow brown to tan     | Catkin - insignificant                  | Acorns with fringed caps                          |                                              |
| TR                         | Tilia cordata 'Greenspire'                    | Greenspire Linden            | 2.5" Cal. / 8-10' Ht.<br>4.5" Cal. / 11-12' Ht.  | B&B or spade | 40-50' ht. x 30-35' sp.<br>Medium growth rt.          | Broad, conical                    | Dark green                   | Yellow                  | Creamy white, fragrant                  | BB-sized single helicopter fruit                  |                                              |
| Evergreen Trees            |                                               |                              |                                                  |              |                                                       |                                   |                              |                         |                                         |                                                   |                                              |
| AC                         | Abies concolor                                | White Fir                    | 6' Ht.-8' Ht.                                    | B&B or spade | 40-50' ht. x 15-30' sp.<br>Slow to medium growth rt.  | Upright conical                   | Blue-green                   | No change               | Non-flowering                           | Cones mature to purple brown                      |                                              |
| Deciduous Ornamental trees |                                               |                              |                                                  |              |                                                       |                                   |                              |                         |                                         |                                                   |                                              |
| CC                         | Crataegus crus-galli var. inermis (tree form) | Thornless Cockspur Hawthorn  | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 20-30' ht. x 20-35' sp.<br>Slow to medium growth rt.  | Rounded, spreading, low-branching | Leathery, deep green, glossy | Orange or rusted orange | Showy, white, fragrant                  | Dark red, persistent, 3/8-1/2" diam. fruit        | Winter interest, attracts butterflies and    |
| Edible Orchard Plants      |                                               |                              |                                                  |              |                                                       |                                   |                              |                         |                                         |                                                   |                                              |
| PM                         | Prunus 'Meteor'                               | Meteor Semi-dwarf Pie Cherry | 5' Ht.                                           | BR           | 10-12' ht x 10' sp                                    | Oval                              | Dark Green                   | Orange                  | Showy white flowers                     | Bright red cherries reddish blush on yellow pears | Harvest in July<br>Harvest September-October |
| PF                         | Pyrus 'Flemish Beauty'                        | Dwarf Pear                   | 5' Ht.                                           | BR           | 10-12' ht x 10-12" sp                                 | Upright                           | Green                        | Yellow                  | White showy clusters                    | Yellow-green pears with red blush                 | Harvest in September                         |
| PL                         | Pyrus x 'Luscious'                            | Luscious Semi-dwarf Pear     | 5' Ht.                                           | BR           | 10-12' ht                                             | Vigorous, upright to spreading    | Glossy green                 | Red                     | Showy white flowers with purple anthers |                                                   |                                              |

B. LINCOLN AVENUE TO 22ND STREET - PLANTING PLAN



C. 22ND STREET - AERIAL VIEW



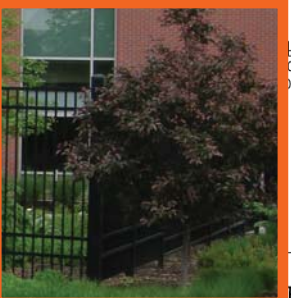
Tilia americana



Abies concolor



Amelanchier grandiflora  
'Autumn Brilliance'



Malus 'JFS-KW5'



Acer miyabei  
'Morton'

PLANTING PLAN;  
SEE 1/C742



Crataegus crus-galli var.  
inermis



Acer saccharum  
'Bailsta'



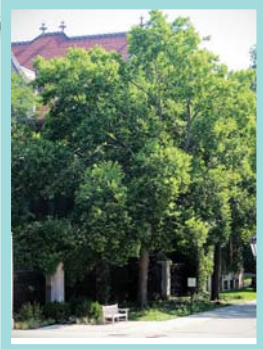
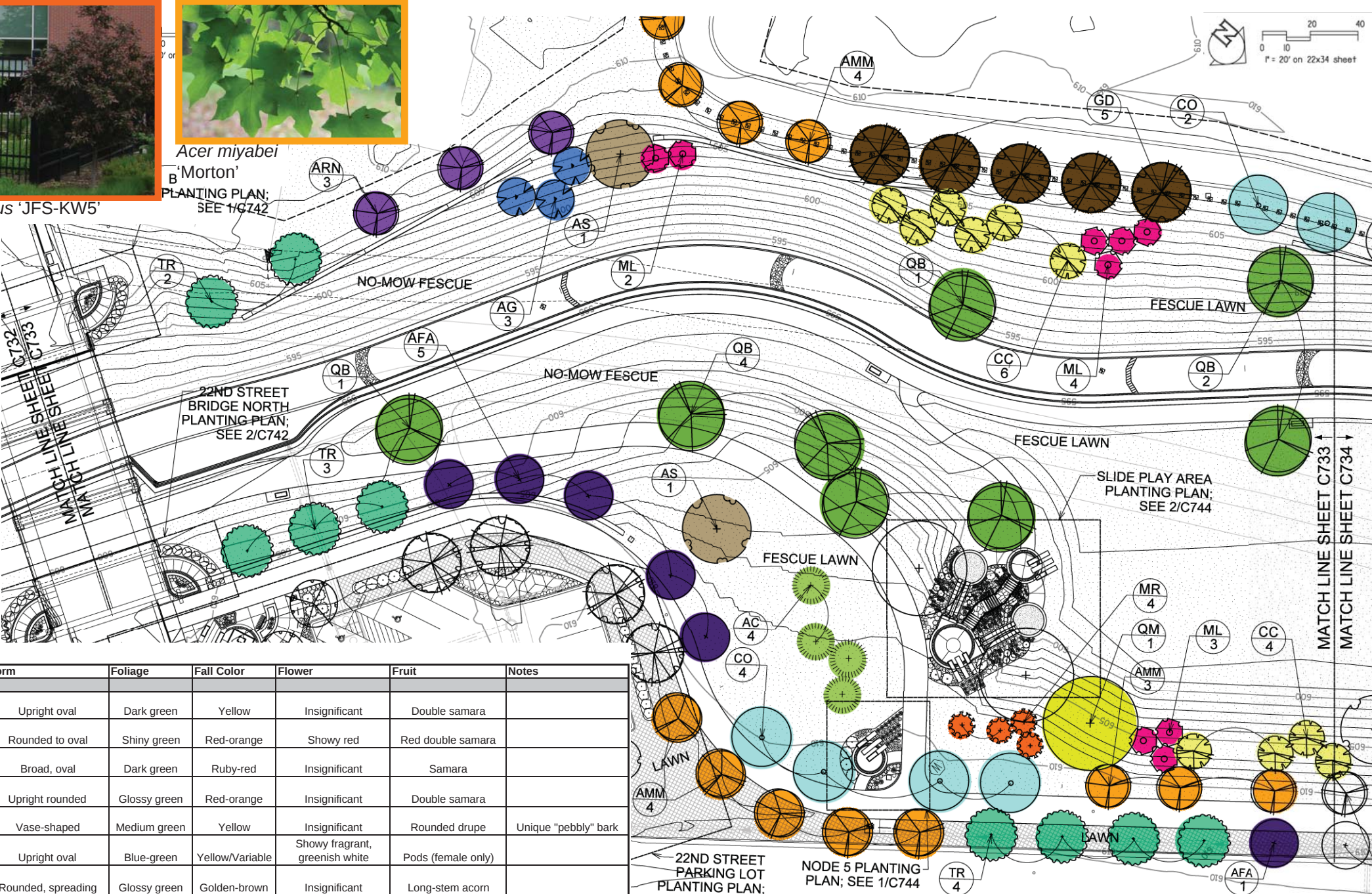
Quercus macrocarpa



Magnolia x loebertia

Plant List-C

| Key                        | Botanical Name                                | Common Name                    | Planted Size                                     | Spec.        | Mature Size                                           | Form                              | Foliage                      | Fall Color              | Flower                         | Fruit                                      | Notes                                           |
|----------------------------|-----------------------------------------------|--------------------------------|--------------------------------------------------|--------------|-------------------------------------------------------|-----------------------------------|------------------------------|-------------------------|--------------------------------|--------------------------------------------|-------------------------------------------------|
| Deciduous Canopy Trees     |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
| AMM                        | Acer miyabei 'Morton'                         | State Street Maple             | 2.5" Cal. / 12-14' Ht.<br>4.5" Cal. / 16-18' Ht. | B&B or spade | 30-40' ht. x 30-40' sp<br>Medium growth rt.           | Upright oval                      | Dark green                   | Yellow                  | Insignificant                  | Double samara                              |                                                 |
| ARN                        | Acer rubrum 'Northwood'                       | Northwood Red Maple            | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 25-40' sp.<br>Moderately fast growth rt. | Rounded to oval                   | Shiny green                  | Red-orange              | Showy red                      | Red double samara                          |                                                 |
| AFA                        | Acer x freemanii 'Autumn Fantasy'             | Autumn Fantasy Freeman Maple   | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 45-50' ht. x 35-40' sp.<br>Moderately fast growth rt. | Broad, oval                       | Dark green                   | Ruby-red                | Insignificant                  | Samara                                     |                                                 |
| ASF                        | Acer saccharum 'Bailsta'                      | Fall Fiesta Sugar Maple        | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50' ht. x 60' sp.<br>Moderately slow growth rt.       | Upright rounded                   | Glossy green                 | Red-orange              | Insignificant                  | Double samara                              |                                                 |
| CO                         | Celtis occidentalis                           | Hackberry                      | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 40-60' sp<br>Moderately fast growth rt.  | Vase-shaped                       | Medium green                 | Yellow                  | Insignificant                  | Rounded drupe                              | Unique "pebbly" bark                            |
| GD                         | Gymnocladus dioica 'Espresso'                 | Espresso Kentucky Coffeetree   | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 60-80' ht. x 40-55' sp.<br>Slow to medium growth rt.  | Upright oval                      | Blue-green                   | Yellow/Variable         | Showy fragrant, greenish white | Pods (female only)                         |                                                 |
| OB                         | Quercus bicolor                               | Swamp White Oak                | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50-60' ht. x 40-60' sp.<br>Slow to medium growth rt.  | Rounded, spreading                | Glossy green                 | Golden-brown            | Insignificant                  | Long-stem acorn                            |                                                 |
| QM                         | Quercus macrocarpa                            | Bur Oak                        | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 80' ht. x 80' sp.<br>Slow to medium growth rt.        | Broad, columnar                   | Dark green                   | Yellow brown to tan     | Catkin - insignificant         | Acorns with fringed caps                   |                                                 |
| TR                         | Tilia cordata 'Greenspire'                    | Greenspire Linden              | 2.5" Cal. / 12-14' Ht.<br>4.5" Cal. / 11-12' Ht. | B&B or spade | 40-50' ht. x 30-35' sp<br>Medium growth rt.           | Broad, conical                    | Dark green                   | Yellow                  | Creamy white, fragrant         | BB-sized single helicopter fruit           |                                                 |
| Deciduous Ornamental trees |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
| AG                         | Amelanchier x grandiflora 'Autumn Brilliance' | Autumn Brilliance Serviceberry | 8' Ht.<br>12' Ht.                                | B&B or spade | 20-25' ht. x 20-25' sp<br>Medium growth rt.           | Mult-stemmed, rounded crown       | Medium green                 | Orange to red           | Showy white                    | Edible, blue 1/4-1/3" diam. fruit          | Ornamental bark                                 |
| CC                         | Crataegus crus-galli var. inermis (tree form) | Thornless Cockspur Hawthorn    | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 20-30' ht. x 20-35' sp.<br>Slow to medium growth rt.  | Rounded, spreading, low-branching | Leathery, deep green, glossy | Orange or rusted orange | Showy, white, fragrant         | Dark red, persistent, 3/8-1/2" diam. fruit | Winter interest, attracts butterflies and birds |
| ML                         | Magnolia x loebertia 'Leonard Messel'         | Leonard Messel Magnolia        | 2" Cal. / 8-10' Ht.                              | B&B or spade | 15-20' ht. x 20-25' sp<br>Medium to fast growth rt.   | Upright, rounded with age         | Green                        | Insignificant           | Deep pink, showy, fragrant     |                                            |                                                 |
| MR                         | Malus 'JFS-KW5'                               | Royal Raindrops Crabapple      | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 20' ht. x 15' sp.<br>Medium growth rt.                | Upright spreading                 | Purple, cutleaf              | Orange-red              | Bright pink-red                | Maroon red, persistent                     | Winter interest                                 |
| Evergreen Trees            |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
| AC                         | Abies concolor                                | White Fir                      | 6' Ht.<br>8' Ht.                                 | B&B or spade | 40-50' ht. x 15-30' sp<br>Slow to medium growth rt.   | Upright conical                   | Blue-green                   | No change               | Non-flowering                  | Cones mature to purple brown               |                                                 |



Celtis occidentalis



Quercus bicolor



Acer rubrum

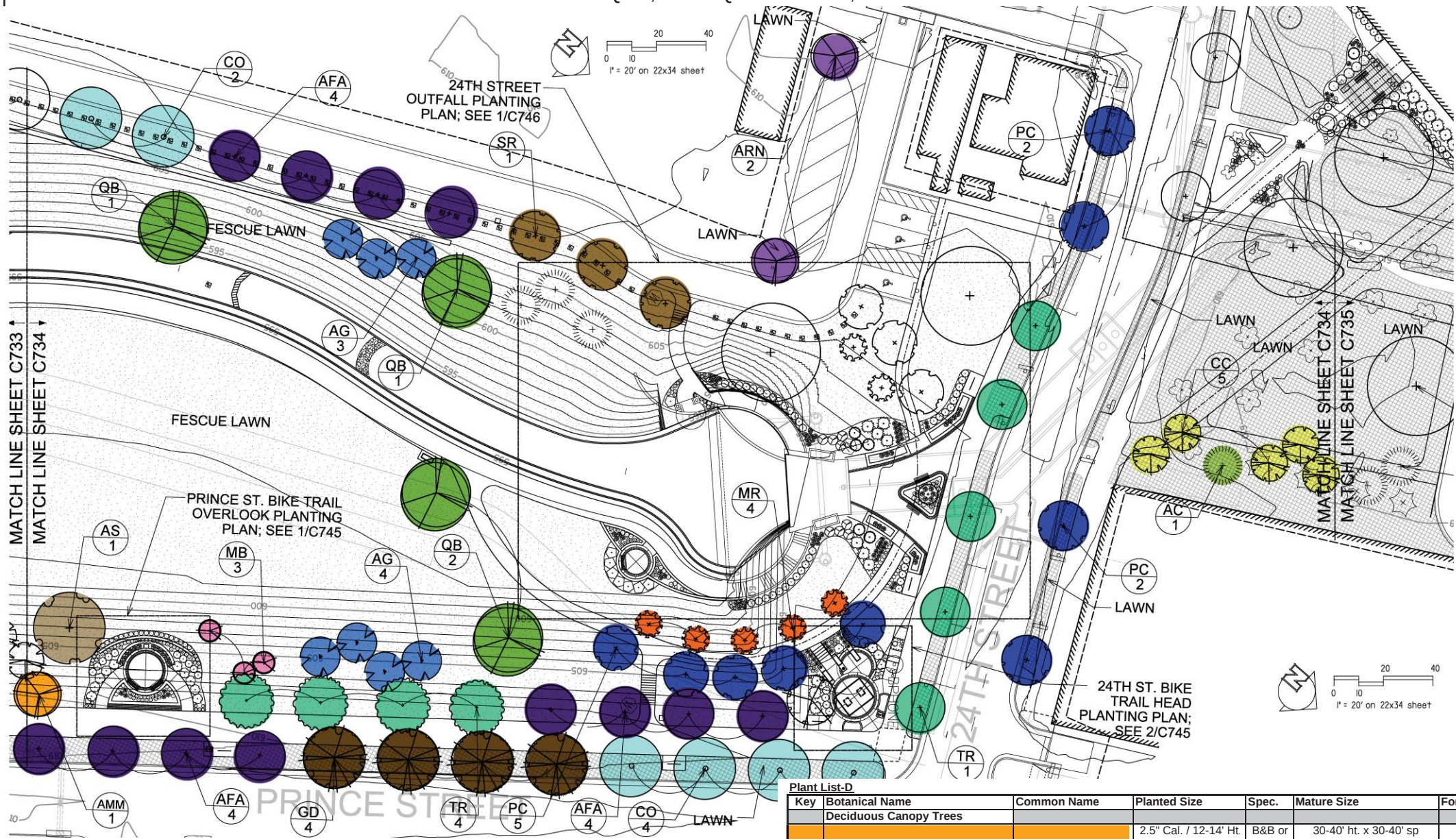


Gymnocladus dioica

C. 22ND STREET - PLANTING PLAN



D. PRINCE STREET AND 24TH STREET - AERIAL VIEW



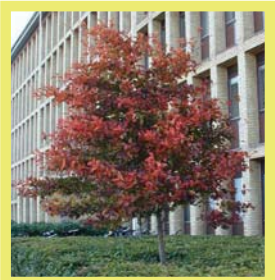
Tilia americana



Acer rubrum



Gymnocladus dioica



Crataegus crus-galli var. inermis



Acer saccharum 'Bailesta'



Abies concolor



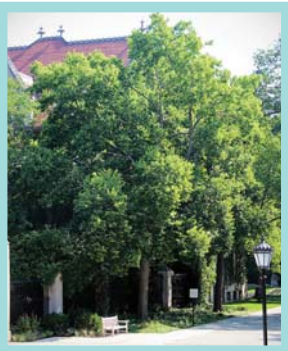
Malus 'JFS-KW5'



Amelanchier grandiflora 'Autumn Brilliance'



Pyrus calleryana 'Autumn Blaze'



Celtis occidentalis



Acer miyabei 'Morton'



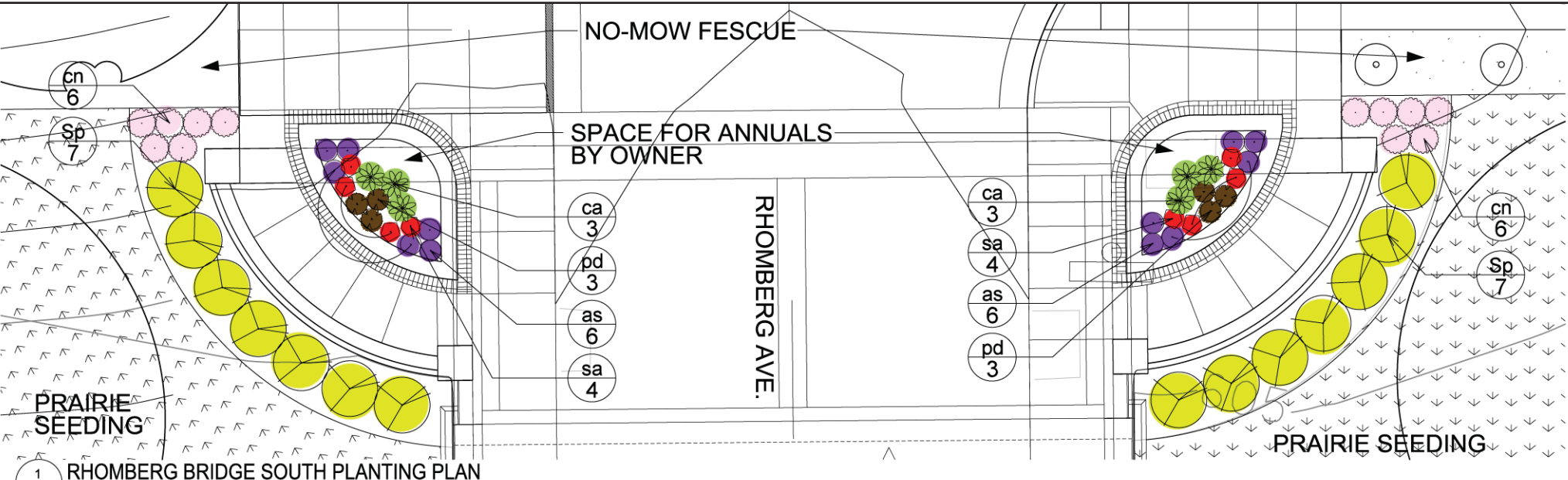
Quercus bicolor

D. PRINCE STREET & 24TH STREET - PLANTING PLAN

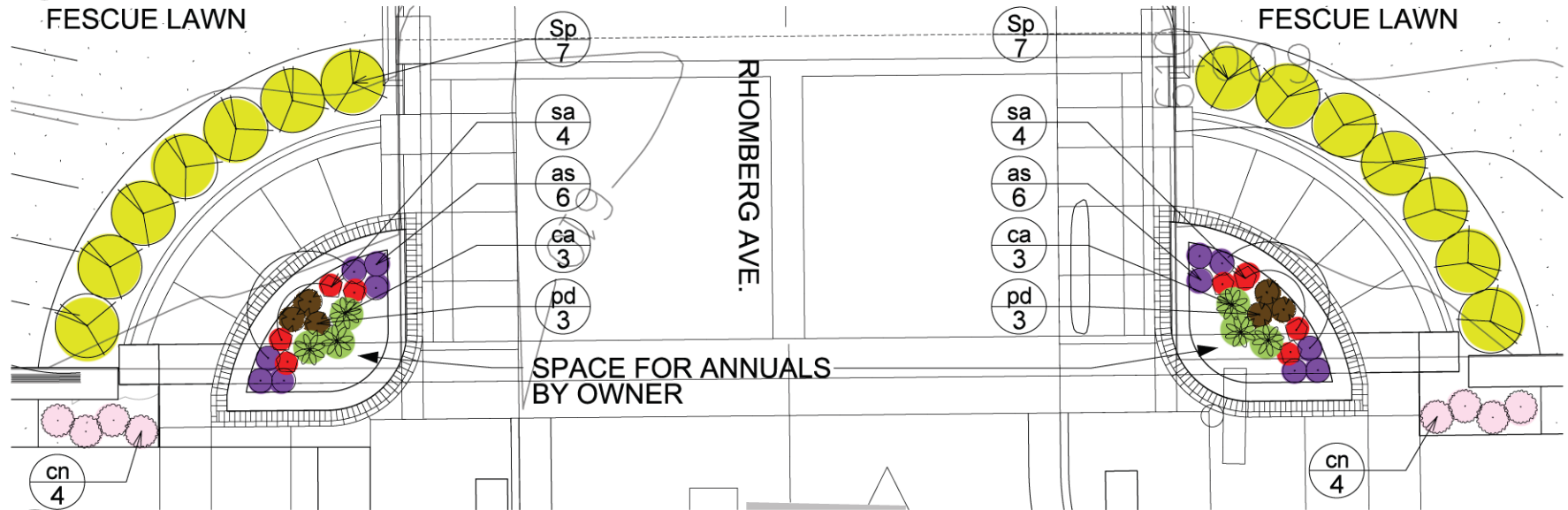
| Plant List-D               |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
|----------------------------|-----------------------------------------------|--------------------------------|--------------------------------------------------|--------------|-------------------------------------------------------|-----------------------------------|------------------------------|-------------------------|--------------------------------|--------------------------------------------|-------------------------------------------------|
| Key                        | Botanical Name                                | Common Name                    | Planted Size                                     | Spec.        | Mature Size                                           | Form                              | Foliage                      | Fall Color              | Flower                         | Fruit                                      | Notes                                           |
| Deciduous Canopy Trees     |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
| AMM                        | Acer miyabei 'Morton'                         | State Street Maple             | 2.5" Cal. / 12-14' Ht.<br>4.5" Cal. / 16-18' Ht. | B&B or spade | 30-40' ht. x 30-40' sp<br>Medium growth rt.           | Upright oval                      | Dark green                   | Yellow                  | Insignificant                  | Double samara                              |                                                 |
| ARN                        | Acer rubrum 'Northwood'                       | Northwood Red Maple            | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 25-40' sp.<br>Moderately fast growth rt. | Rounded to oval                   | Shiny green                  | Red-orange              | Showy red                      | Red double samara                          |                                                 |
| AFA                        | Acer x freemanii 'Autumn Fantasy'             | Autumn Fantasy Freeman Maple   | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 45-50' ht. x 35-40' sp.<br>Moderately fast growth rt. | Broad, oval                       | Dark green                   | Ruby-red                | Insignificant                  | Samara                                     |                                                 |
| ASF                        | Acer saccharum 'Bailesta'                     | Fall Fiesta Sugar Maple        | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50' ht. x 60' sp.<br>Moderately slow growth rt.       | Upright rounded                   | Glossy green                 | Red-orange              | Insignificant                  | Double samara                              |                                                 |
| CO                         | Celtis occidentalis                           | Hackberry                      | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 40-60' ht. x 40-60' sp<br>Moderately fast growth rt.  | Vase-shaped                       | Medium green                 | Yellow                  | Insignificant                  | Rounded drupe                              | Unique "pebbly" bark                            |
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| QB                         | Quercus bicolor                               | Swamp White Oak                | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht.   | B&B or spade | 50-60' ht. x 40-60' sp<br>Slow to medium growth rt.   | Rounded, spreading                | Glossy green                 | Golden-brown            | Insignificant                  | Long-stem acorn                            |                                                 |
| TR                         | Tilia cordata 'Greenspire'                    | Greenspire Linden              | 2.5" Cal. / 8-10' Ht.<br>4.5" Cal. / 11-12' Ht.  | B&B or spade | 40-50' ht. x 30-35' sp<br>Medium growth rt.           | Broad, conical                    | Dark green                   | Yellow                  | Creamy white, fragrant         | BB-sized single helicopter fruit           |                                                 |
| Deciduous Ornamental trees |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
| AG                         | Amelanchier x grandiflora 'Autumn Brilliance' | Autumn Brilliance Serviceberry | 8' Ht.<br>12' Ht.                                | B&B or spade | 20-25' ht. x 20-25' sp<br>Medium growth rt.           | Mult-stemmed, rounded crown       | Medium green                 | Orange to red           | Showy white                    | Edible, blue 1/4-1/3" diam. fruit          | Ornamental bark                                 |
| CC                         | Crataegus crus-galli var. inermis (tree form) | Thornless Cockspur Hawthorn    | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 20-30' ht. x 20-35' sp.<br>Slow to medium growth rt.  | Rounded, spreading, low-branching | Leathery, deep green, glossy | Orange or rusted orange | Showy, white, fragrant         | Dark red, persistent, 3/8-1/2" diam. fruit | Winter interest, attracts butterflies and birds |
| MB                         | Magnolia 'Butterflies'                        | Butterflies Magnolia           | 2" Cal. / 8-10' Ht.                              | B&B or spade | 15-20' ht. x 10-15' sp<br>Medium to fast growth rt.   | Upright pyramidal                 | Glossy dark green            | Insignificant           | Yellow, fragrant               | 2-3" long pods                             |                                                 |
| MR                         | Malus 'JFS-KW5'                               | Royal Raindrops Crabapple      | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 20' ht. x 15' sp.<br>Medium growth rt.                | Upright spreading                 | Purple, cutleaf              | Orange-red              | Bright pink-red                | Maroon red, persistent                     | Winter interest                                 |
| PC                         | Pyrus calleryana 'Autumn Blaze'               | Autumn Blaze Callery Pear      | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 35' ht. x 25-30' sp.<br>Fast growth rt.               | Pyramidal, rounded                | Glossy dark green            | Crimson red to purple   | Showy white                    | Brown 1/2" diam. fruit                     |                                                 |
| SR                         | Syringa reticulata 'Ivory Silk'               | Ivory Silk Japanese Tree Lilac | 2" Cal. / 8-10' Ht.<br>4" Cal. / 11-12' Ht.      | B&B or spade | 25' ht. x 15-20' sp.<br>Medium growth rt.             | Oval, rounded crown               | Dark green                   | Insignificant           | Showy white, fragrant          | Insignificant                              | Ornamental bark                                 |
| Evergreen Trees            |                                               |                                |                                                  |              |                                                       |                                   |                              |                         |                                |                                            |                                                 |
| AC                         | Abies concolor                                | White Fir                      | 6' Ht.-8' Ht.                                    | B&B or spade | 40-50' ht. x 15-30' sp<br>Slow to medium growth rt.   | Upright conical                   | Blue-green                   | No change               | Non-flowering                  | Cones mature to purple brown               |                                                 |



E. RHOMBERG BRIDGE - AERIAL VIEW



1 RHOMBERG BRIDGE SOUTH PLANTING PLAN  
C738 1/4" = 1'-0" on 22x34 sheet



2 RHOMBERG BRIDGE NORTH PLANTING PLAN  
C738 1/4" = 1'-0" on 22x34 sheet



*Calamagrostis x acutiflora*  
'Karl Foerster'



*Sedum* 'Autumn Fire'



*Penstemon x* 'Dark Towers'



*Calamintha nepeta ssp. nepeta*



*Allium x* 'Summer Beauty'

| Plant Code | Plant Name                                        | Common Name                      | Plant Size | Spec. | Plant Size      | Form                   | Height        | Flower Color   | Flower            | Flower        | Notes |
|------------|---------------------------------------------------|----------------------------------|------------|-------|-----------------|------------------------|---------------|----------------|-------------------|---------------|-------|
| Sp         | <i>Salix purpurea</i> 'Nana'                      | Willow                           | 6 gal.     | Cont. | 3-4 ft x 3-4 ft | Compact, rounded       | Steel blue    | Purple white   | Clusters          | Insignificant |       |
| cn         | <i>Calamagrostis x acutiflora</i> 'Karl Foerster' | Karl Foerster Feather Reed Grass | 6 gal.     | Cont. | 4-5 ft x 2-3 ft | Clump-forming, upright | Green, medium | White-lavender | Long, spiky       | Insignificant |       |
| as         | <i>Asperula</i> 'Summer Beauty'                   | Asperula                         | 1 gal.     | Cont. | 1-2 ft x 1-2 ft | Clump-forming, upright | Green, medium | No flowers     | Long, spiky       | Insignificant |       |
| pd         | <i>Penstemon x</i> 'Dark Towers'                  | Penstemon                        | 1 gal.     | Cont. | 1-2 ft x 1-2 ft | Clump-forming, upright | Dark green    | No flowers     | Long, spiky       | Insignificant |       |
| sa         | <i>Sedum</i> 'Autumn Fire'                        | Autumn Fire Sedum                | 1 gal.     | Cont. | 1-2 ft x 1-2 ft | Upright                | Purple-black  | No flowers     | Pink, bell-shaped | Insignificant |       |

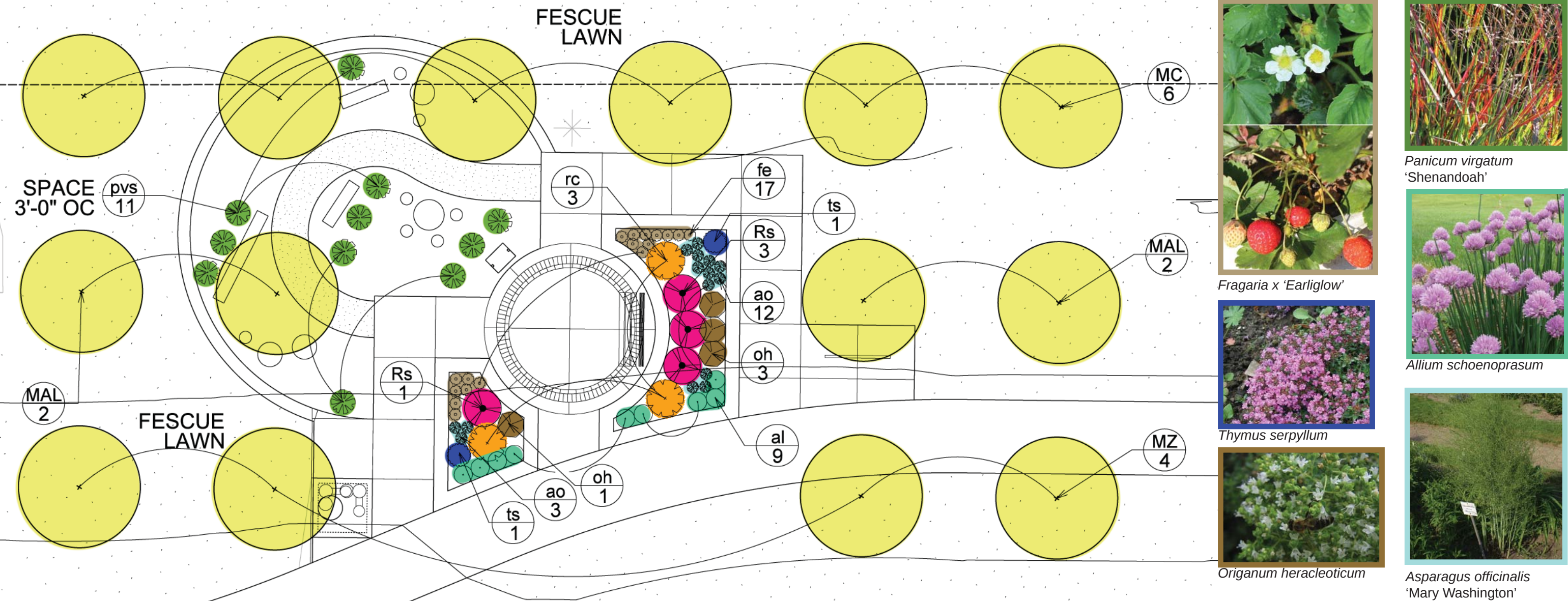


*Salix purpurea* 'Nana'

E. RHOMBERG BRIDGE - PLANTING PLAN



F. ORCHARD - AERIAL VIEW



ORCHARD PLANTING PLAN

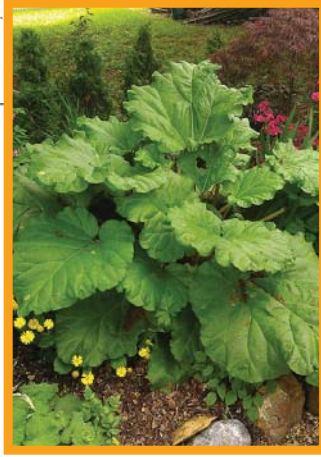
1/4" = 1'-0" on 22x34 sheet



Ribes sativum 'Red Lake'



Malus x 'Cotrland'



Rheum 'Canada Red'

Plant List-F

| Key                   | Botanical Name                          | Common Name             | Planted Size | Spec. | Mature Size           | Form                                    | Foliage                 | Fall Color             | Flower                                 | Fruit                              | Notes                             |
|-----------------------|-----------------------------------------|-------------------------|--------------|-------|-----------------------|-----------------------------------------|-------------------------|------------------------|----------------------------------------|------------------------------------|-----------------------------------|
| Ornamental Grasses    |                                         |                         |              |       |                       |                                         |                         |                        |                                        |                                    |                                   |
| pvs                   | Panicum virgatum 'Shenandoah'           | Shenandoah Switch Grass | 3 gal.       | Cont. | 3-5' ht x 2-3' sp     | Stiff, upright                          | Dark green blades       | Reddish-burgundy tones | Pinkish plumes                         | Insignificant                      |                                   |
| Edible Orchard Plants |                                         |                         |              |       |                       |                                         |                         |                        |                                        |                                    |                                   |
| al                    | Allium schoenoprasum                    | Common Chives           | 1 qt.        | cont. | 12-18" ht x 12" sp    | Dense clump-forming                     | Dark Green              | Insignificant          | Lavender/pink globes                   | Insignificant                      | Harvest leaves all growing season |
| ao                    | Asparagus officinalis 'Mary Washington' | Mary Washington Asp     | 1 qt.        | cont. | 24" ht x 12-18" sp    | Upright shoots                          | Green                   | Insignificant          | Insignificant. yellow flowers          | Showy red berries (female only)    | Harvest in spring                 |
| fe                    | Fragaria x 'Earliglow'                  | Earliglow Strawberry    | 1 qt.        | cont. | 6-8" ht x 12-18" sp   | Creeping                                | Green                   | Insignificant          | Showy white flowers with yellow center | Large red strawberries             | Harvest in June                   |
| MC                    | Malus x 'Cortland'                      | Cortland Semi-dwarf     | 5' Ht.       | BR    | 10-12' ht x 10-20' sp | Spreading, upright, vase-shaped         | Dark Green              | Insignificant          | clusters of showy white blossoms from  | deep red apples with white flesh   | Harvest in September              |
| MAL                   | Malus x 'Liberty'                       | Liberty Semi-dwarf Ap   | 5' Ht.       | BR    | 10-12' ht x 15-20' sp | Spreading                               | Green                   | Insignificant          | Showy, fragrant, white                 | medium-sized red over green apples | Harvest in October                |
| MZ                    | Malus x 'Zestar'                        | Zestar Semi-dwarf Ap    | 5' Ht.       | BR    | 12-15' ht             | Rounded                                 | Forest green            | Yellow                 | white blossoms from pink buds          | Showy red apples                   | Harvest in August                 |
| oh                    | Origanum heracleoticum                  | Greek Oregano           | 1 qt.        | cont. | 2' ht x 2' sp         | Spreading                               | Grayish green, aromatic | Insignificant          | Small, white to pink/purple flowers    | re-seeds                           | Harvest leaves all growing season |
| rc                    | Rheum 'Canada Red'                      | Canada Red Rhubarb      | 1 qt.        | cont. | 3' ht x 3-4' sp       | rigidly upright and towering            | Light green             | Insignificant          | White flower spikes                    |                                    | Harvest stems in spring           |
| Rs                    | Ribes sativum 'Red Lake'                | Red Lake Currant        | 3 gal.       | cont. | 3-5' ht x 3-4' sp     | Dense, multi-stemmed, upright spreading | Green                   | Yellow                 | Insignificant                          | Abundant red currants              | Harvest in July                   |
| ts                    | Thymus serpyllum                        | Mother-of-Thyme         | 1 qt.        | cont. | 8-10' ht x 2-3' sp    | spreading/creeping                      | Blue-green, glossy      | Insignificant          | Showy deep pink                        | Insignificant                      | Harvest leaves all growing season |

F. ORCHARD - PLANTING PLAN



G. AMPHITHEATER - AERIAL VIEW

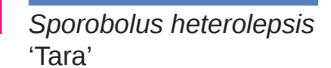
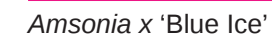
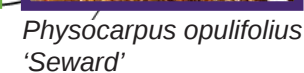
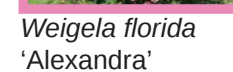
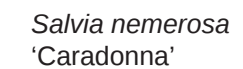
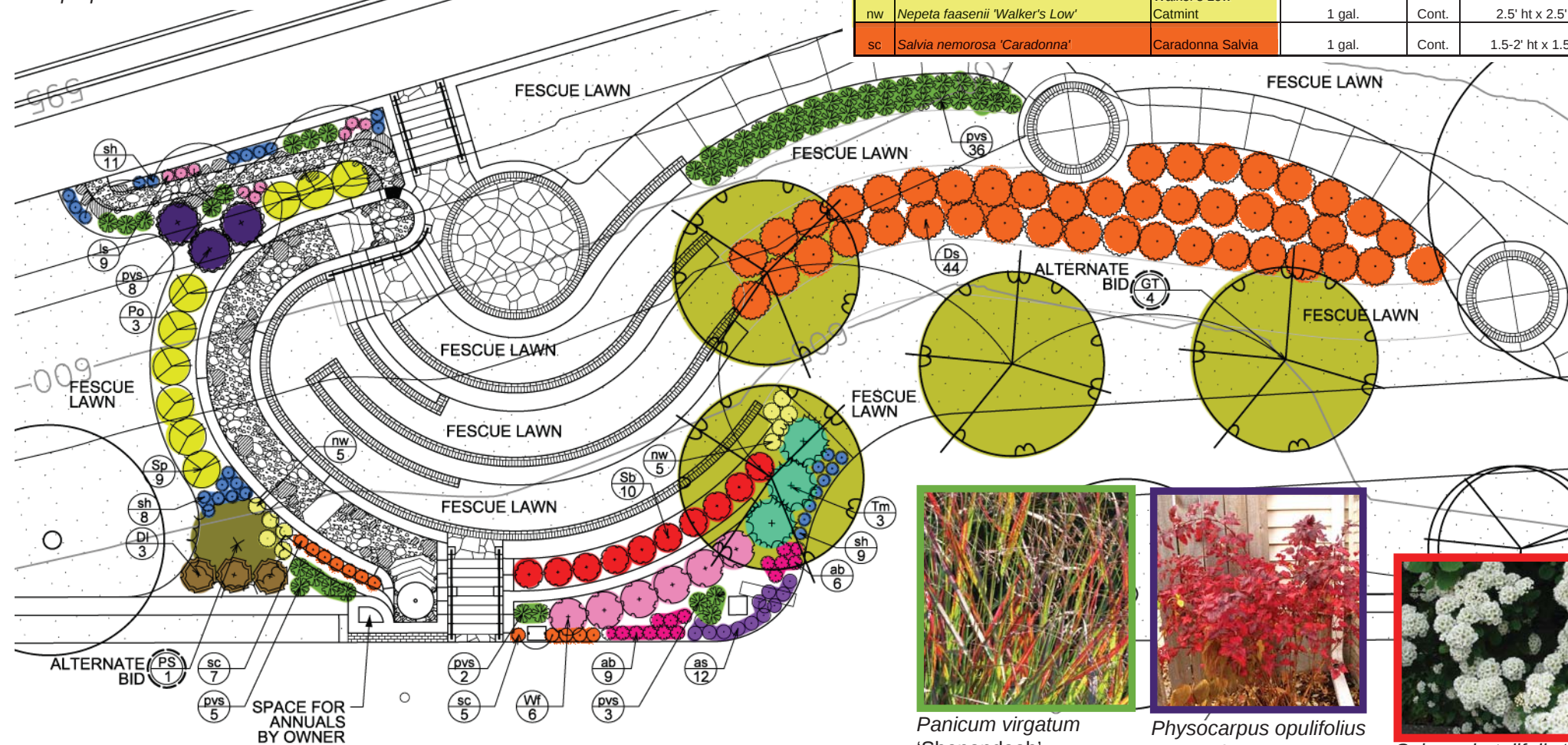


*Taxus x media* 'Taunton'



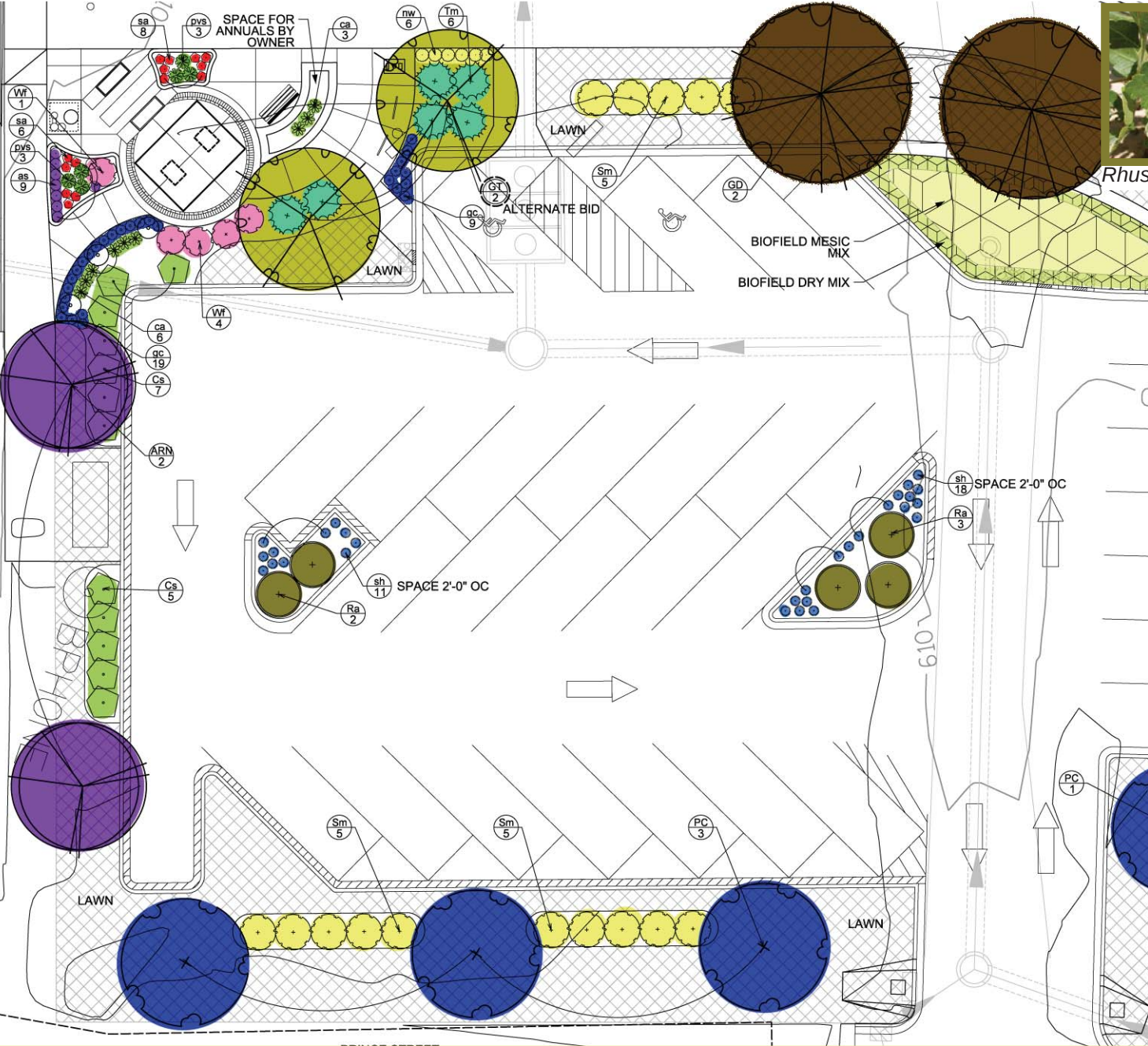
*Diervilla lonicera*

| Plant List-G |                                                            |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
|--------------|------------------------------------------------------------|----------------------------|------------------------------------------------|--------------|------------------------------------------------|----------------------------------|-----------------------------|------------------------|----------------------------------------|-------------------------|-------------------------------|
| Key          | Botanical Name                                             | Common Name                | Planted Size                                   | Spec.        | Mature Size                                    | Form                             | Foliage                     | Fall Color             | Flower                                 | Fruit                   | Notes                         |
|              | Deciduous Canopy Trees                                     |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
| GT           | <i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Impcole' | Imperial Honeylocust       | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht. | B&B or spade | 30-40' ht. x 30-35' sp.<br>Fast growth rt.     | Compact, rounded spreading crown | Glossy bright green         | Yellow                 | Insignificant                          | Seedless variety        |                               |
|              | Evergreen Trees                                            |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
| PS           | <i>Pinus sylvestris</i> 'Watereri'                         | Waterer Scotch Pine        | 6' Ht.<br>8' Ht.                               | B&B or spade | 10' ht. x 10' sp.<br>Medium to slow growth rt. | Rounded to pyramidal             | Blue-green                  | No change              | Non-flowering                          | Cones                   | Flaking orange/red-brown bark |
|              | Evergreen Shrubs                                           |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
| Tm           | <i>Taxus x media</i> 'Taunton'                             | Taunton Yew                | 5 gal.                                         | Cont.        | 3-5' ht x 3-6' sp                              | Spreading                        | Dark green                  | no change              | Non-flowering                          | Red aril                |                               |
|              | Deciduous Shrubs                                           |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
| DI           | <i>Diervilla lonicera</i>                                  | Dwarf Bush Honeysuckle     | 3 gal.                                         | Cont.        | 3-4' ht x 4-5' sp                              | Mounded, spreading               | Bronze-green                | red, bronze            | yellow                                 | inconspicuous capsule   |                               |
| Ds           | <i>Diervilla sessifolia</i> 'Butterfly'                    | Butterfly Bush Honeysuckle | 3 gal.                                         | Cont.        | 3-5' ht x 3-5' sp                              | Dense multi-stem shrub           | Coppery-green               | Insignificant          | Yellow                                 | Insignificant           | red stems                     |
| Po           | <i>Physocarpus opulifolius</i> 'Seward'                    | Summervine Ninebark        | 5 gal.                                         | Cont.        | 5-6' ht x 5-6' sp                              | Compact arching                  | Deep-cut crimson-red        | No change              | Pinkish-white                          | Insignificant           | Ornamental bark               |
| Sp           | <i>Salix purpurea</i> 'Nana'                               | Arctic Willow              | 5 gal.                                         | Cont.        | 3-6' ht x 3-6' sp                              | Compact, rounded                 | Steel blue                  | Purple winter stems    | Catkins                                | Insgnificant            |                               |
| Sb           | <i>Spiraea betulifolia</i> 'Tor'                           | Tor Spirea                 | 3 gal.                                         | Cont.        | 2-3' ht x 2-3' sp                              | Compact, rounded mound           | Birch-like dark green       | Gold, red/purple       | Showy white                            | Follicle                |                               |
| Wf           | <i>Weigela florida</i> 'Alexandra'                         | Wine & Roses Weigela       | 5 gal.                                         | Cont.        | 4-5' ht x 4-5' sp                              | Compact, mounding                | Burgundy purple             | No change              | Magenta pink                           | None                    |                               |
|              | Ornamental Grasses                                         |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
| pvs          | <i>Panicum virgatum</i> 'Shenandoah'                       | Shenandoah Switch Grass    | 3 gal.                                         | Cont.        | 3-5' ht x 2-3' sp                              | Stiff, upright                   | Dark green blades           | Reddish-burgundy tones | Pinkish plumes                         | Insignificant           |                               |
| sh           | <i>Sporobolus heterolepis</i> 'Tara'                       | Tara Prairie Dropseed      | 1 gal.                                         | Cont.        | 1.5-2' ht x 1.5' sp                            | Compact clump                    | Fine-textured emerald green | Golden-tan             | Graceful large golden tufts            | Fragrant airy seed head |                               |
|              | Perennials/Groundcovers                                    |                            |                                                |              |                                                |                                  |                             |                        |                                        |                         |                               |
| as           | <i>Allium x</i> 'Summer Beauty'                            | Summer Beauty Allium       | 1 gal.                                         | Cont.        | 1.5' ht x 1.5' sp                              | Clump-forming, upright           | Glossy green                | No change              | Lavender/pink globes                   | Insignificant           |                               |
| ab           | <i>Amsonia x</i> 'Blue Ice'                                | Blue Ice Bluestar          | 1 gal.                                         | Cont.        | 1-1.5' ht x 1.5-2' sp                          | Dense mound                      | Narrow dark green           | Yellow                 | Dark lavender blue                     | Insignificant           |                               |
| Is           | <i>Liatis</i> <i>spicata</i>                               | Spike Blazingstar          | 1 gal.                                         | Cont.        | 2-4' ht x 1-2' sp                              | Tall, upright, clump-forming     | Green                       | No change              | Red-purple rounded fluffy flower heads | Insignificant           |                               |
| nw           | <i>Nepeta faaseni</i> 'Walker's Low'                       | Walker's Low Catmint       | 1 gal.                                         | Cont.        | 2.5' ht x 2.5' sp                              | Compact, low mounding            | Gray-green                  | No change              | Deep lavender-blue                     | Insignificant           |                               |
| sc           | <i>Salvia nemorosa</i> 'Caradonna'                         | Caradonna Salvia           | 1 gal.                                         | Cont.        | 1.5-2' ht x 1.5' sp                            | Upright clump                    | Soft wrinkled green         | No change              | Indigo on purple-black stems           | Insignificant           |                               |

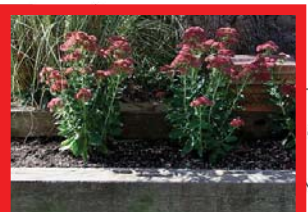




H. 22ND STREET PARKING LOT - AERIAL VIEW



Rhus aromatica



Sedum 'Autumn Fire'



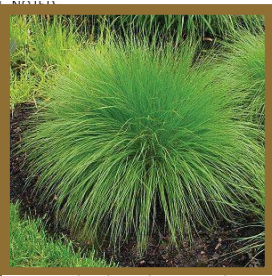
Weigela florida 'Alexandra'



Taxus x media 'Taunton'



Calamagrostis x acutiflora 'Karl Foerster'



Sporobolus heterolepis 'Tara'



Syringa meyeri 'Palabin'



Allium x 'Summer Beauty'



Panicum virgatum 'Shenandoah'



Cornus sericea 'Alleman's Compact'



Geranium x cantabrigiense 'Karmina'



Nepeta faassenii 'Walker's Low'

Plant List-H

| Key                        | Botanical Name                               | Common Name                      | Planted Size           | Spec.        | Mature Size             | Form                             | Foliage                     | Fall Color             | Flower                         | Fruit                                |
|----------------------------|----------------------------------------------|----------------------------------|------------------------|--------------|-------------------------|----------------------------------|-----------------------------|------------------------|--------------------------------|--------------------------------------|
| Deciduous Canopy Trees     |                                              |                                  |                        |              |                         |                                  |                             |                        |                                |                                      |
| AMM                        | Acer miyabei 'Morton'                        | State Street Maple               | 2.5" Cal. / 12-14' Ht. | B&B or spade | 30-40' ht. x 30-40' sp. | Upright oval                     | Dark green                  | Yellow                 | Insignificant                  | Double samara                        |
| ARN                        | Acer rubrum 'Northwood'                      | Northwood Red Maple              | 4.5" Cal. / 16-18' Ht. | B&B or spade | 40-60' ht. x 25-40' sp. | Rounded to oval                  | Shiny green                 | Red-orange             | Showy red                      | Red double samara                    |
| GT                         | Gleditsia triacanthos var. inermis 'Impcole' | Imperial Honeylocust             | 2.5" Cal. / 12-14' Ht. | B&B or spade | 30-40' ht. x 30-35' sp. | Compact, rounded spreading crown | Glossy bright green         | Yellow                 | Insignificant                  | Seedless variety                     |
| GD                         | Gymnocladus dioica 'Espresso'                | Espresso Kentucky Coffeetree     | 4" Cal. / 16-18' Ht.   | B&B or spade | 60-80' ht. x 40-55' sp. | Upright oval                     | Blue-green                  | Yellow/Variable        | Showy fragrant, greenish white | Pods (female only)                   |
| Deciduous Ornamental trees |                                              |                                  |                        |              |                         |                                  |                             |                        |                                |                                      |
| PC                         | Pyrus calleryana 'Autumn Blaze'              | Autumn Blaze Callery Pear        | 2" Cal. / 8-10' Ht.    | B&B or spade | 35' ht. x 25-30' sp.    | Pyramidal, rounded               | Glossy dark green           | Crimson red to purple  | Showy white                    | Brown 1/2" diam. fruit               |
| Deciduous Shrubs           |                                              |                                  |                        |              |                         |                                  |                             |                        |                                |                                      |
| Cs                         | Cornus sericea 'Alleman's Compact'           | Alleman's Compact Dogwood        | 5 gal.                 | Cont.        | 4-5' ht x 4-5' sp       | Rounded, stoloniferous           | Green                       | Yellow                 | White                          | Bright red berries                   |
| Ra                         | Rhus aromatica 'Gro-Low'                     | Gro-Low Fragrant Sumac           | 5 gal.                 | Cont.        | 3-4' ht x 6-8' sp       | Spreading                        | Glossy green                | Orange-maroon          | Insignificant, yellow          | Showy, hairy red berries, persistent |
| Sm                         | Syringa meyeri 'Palabin'                     | Dwarf Korean Lilac               | 5 gal.                 | Cont.        | 4-5' ht x 5-7' sp       | Rounded, non-suckering           | Green                       | No change              | Fragrant, lilac-rose           | Small capsule                        |
| Wf                         | Weigela florida 'Alexandra'                  | Wine & Roses Weigela             | 5 gal.                 | Cont.        | 4-5' ht x 4-5' sp       | Compact, mounding                | Burgundy purple             | No change              | Magenta pink                   | None                                 |
| Ornamental Grasses         |                                              |                                  |                        |              |                         |                                  |                             |                        |                                |                                      |
| ca                         | Calamagrostis x acutiflora 'Karl Foerster'   | Karl Foerster Feather Reed Grass | 3 gal.                 | Cont.        | 4-6' ht x 2-3' sp       | Clump-forming, upright           | Green, medium blade         | Golden-tan             | Tan, spikd inflorescences      | Insignificant                        |
| pvs                        | Panicum virgatum 'Shenandoah'                | Shenandoah Switch Grass          | 3 gal.                 | Cont.        | 3-5' ht x 2-3' sp       | Stiff, upright                   | Dark green blades           | Reddish-burgundy tones | Pinkish plumes                 | Insignificant                        |
| sh                         | Sporobolus heterolepis 'Tara'                | Tara Prairie Dropseed            | 1 gal.                 | Cont.        | 1.5-2' ht x 1.5' sp     | Compact clump                    | Fine-textured emerald green | Golden-tan             | Graceful large golden tufts    | Fragrant airy seed head              |
| Perennials/Groundcovers    |                                              |                                  |                        |              |                         |                                  |                             |                        |                                |                                      |
| as                         | Allium x 'Summer Beauty'                     | Summer Beauty Allium             | 1 gal.                 | Cont.        | 1.5' ht x 1.5' sp       | Clump-forming, upright           | Glossy green                | No change              | Lavender/pink globes           | Insignificant                        |
| gc                         | Geranium x cantabrigiense 'Karmina'          | Karmina Geranium                 | 1 gal.                 | Cont.        | 8-12" ht x 18-24" sp    | Mat-forming                      | Semi-                       | Orange to red          | Red-violet                     | Insignificant                        |
| nw                         | Nepeta faassenii 'Walker's Low'              | Walker's Low Catmint             | 1 gal.                 | Cont.        | 2.5' ht x 2.5' sp       | Compact, low mounding            | Gray-green                  | No change              | Deep lavender-blue             | Insignificant                        |
| sa                         | Sedum 'Autumn Fire'                          | Autumn Fire Sedum                | 1 gal.                 | Cont.        | 1.5-2' ht x 1.5-2' sp   | Tightly compact, mounding        | Blue-green waxy succulent   | No change              | Muave-pink to rusty red        | Insignificant                        |



Acer miyabei 'Morton'



Acer rubrum



Pyrus calleryana 'Autumn Blaze'



Gymnocladus dioica



Gleditsia triacanthos var. inermis 'Impcole'

H. 22ND STREET PARKING LOT - PLANTING PLAN



## I. SLIDE PLAY AREA - AERIAL VIEW

| Plant List-I            |                                                   |                         |                                                |              |                                                |                           |                                  |                        |                             |                             |
|-------------------------|---------------------------------------------------|-------------------------|------------------------------------------------|--------------|------------------------------------------------|---------------------------|----------------------------------|------------------------|-----------------------------|-----------------------------|
| Key                     | Botanical Name                                    | Common Name             | Planted Size                                   | Spec.        | Mature Size                                    | Form                      | Foliage                          | Fall Color             | Flower                      | Fruit                       |
| Deciduous Canopy Trees  |                                                   |                         |                                                |              |                                                |                           |                                  |                        |                             |                             |
| OM                      | <i>Quercus macrocarpa</i>                         | Bur Oak                 | 2.5" Cal. / 12-14' Ht.<br>4" Cal. / 16-18' Ht. | B&B or spade | 80' ht. x 80' sp.<br>Slow to medium growth rt. | Broad, columnar           | Dark green                       | Yellow brown to tan    | Catkin - insignificant      | Acorns with fringed caps    |
| Evergreen Shrubs        |                                                   |                         |                                                |              |                                                |                           |                                  |                        |                             |                             |
| Tm                      | <i>Taxus x media 'Taunton'</i>                    | Taunton Yew             | 5 gal.                                         | Cont.        | 3-5' ht x 3-6' sp                              | Spreading                 | Dark green                       | no change              | Non-flowering               | Red aril                    |
| Deciduous Shrubs        |                                                   |                         |                                                |              |                                                |                           |                                  |                        |                             |                             |
| Ch                      | <i>Cotoneaster x 'Hessei'</i>                     | Hesse Cotoneaster       | 3 gal.                                         | Cont.        | 18" ht x 3-5' sp                               | Spreading, low-growing    | Glossy dark green                | Reddish purple         | Showy, reddish pink         | Bright red fruit persistent |
| Sm                      | <i>Syringa meyeri 'Palabin'</i>                   | Dwarf Korean Lilac      | 5 gal.                                         | Cont.        | 4-5' ht x 5-7' sp                              | Rounded, non-suckering    | Green                            | No change              | Fragrant, lilac-rose        | Small capsule               |
| Wf                      | <i>Weigela florida 'Alexandra'</i>                | Wine & Roses Weigela    | 5 gal.                                         | Cont.        | 4-5' ht x 4-5' sp                              | Compact, mounding         | Burgundy purple                  | No change              | Magenta pink                | None                        |
| Ornamental Grasses      |                                                   |                         |                                                |              |                                                |                           |                                  |                        |                             |                             |
| ca                      | <i>Calamagrostis x acutiflora 'Karl Foerster'</i> | Feather Reed Grass      | 3 gal.                                         | Cont.        | 4-6' ht x 2-3' sp                              | Clump-forming, upright    | Green, medium blade              | Golden-tan             | Tan, spiked inflorescences  | Insignificant               |
| pvs                     | <i>Panicum virgatum 'Shenandoah'</i>              | Shenandoah Switch Grass | 3 gal.                                         | Cont.        | 3-5' ht x 2-3' sp                              | Stiff, upright            | Dark green blades                | Reddish-burgundy tones | Pinkish plumes              | Insignificant               |
| sh                      | <i>Sporobolus heterolepis 'Tara'</i>              | Tara Prairie Dropseed   | 1 gal.                                         | Cont.        | 1.5-2' ht x 1.5' sp                            | Compact clump             | Fine-textured emerald green      | Golden-tan             | Graceful large golden tufts | Fragrant airy seed head     |
| Perennials/Groundcovers |                                                   |                         |                                                |              |                                                |                           |                                  |                        |                             |                             |
| as                      | <i>Allium x 'Summer Beauty'</i>                   | Summer Beauty Allium    | 1 gal.                                         | Cont.        | 1.5' ht x 1.5' sp                              | Clump-forming, upright    | Glossy green                     | No change              | Lavender/pink globes        | Insignificant               |
| ab                      | <i>Amsonia x 'Blue Ice'</i>                       | Blue Ice Bluestar       | 1 gal.                                         | Cont.        | 1-1.5' ht x 1.5-2' sp                          | Dense mound               | Narrow dark green Semi-evergreen | Yellow                 | Dark lavender blue          | Insignificant               |
| gc                      | <i>Geranium x cantabrigiense 'Karmina'</i>        | Karmina Geranium        | 1 gal.                                         | Cont.        | 8-12" ht x 18-24" sp                           | Mat-forming               | Gray-green                       | Orange to red          | Red-violet                  | Insignificant               |
| nw                      | <i>Nepeta faassenii 'Walker's Low'</i>            | Walker's Low Catmint    | 1 gal.                                         | Cont.        | 2.5' ht x 2.5' sp                              | Compact, low mounding     | Blue-green                       | No change              | Deep lavender-blue          | Insignificant               |
| sa                      | <i>Sedum 'Autumn Fire'</i>                        | Autumn Fire Sedum       | 1 gal.                                         | Cont.        | 1.5-2' ht x 1.5-2' sp                          | Tightly compact, mounding | Waxy succulent                   | No change              | Muave-pink to rusty red     | Insignificant               |



*Taxus x media 'Taunton'*



*Cotoneaster x 'Hessei'*



*Quercus macrocarpa*



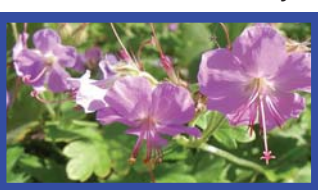
*Calamagrostis x acutiflora 'Karl Foerster'*



*Allium x 'Summer Beauty'*



*Syringa meyeri 'Palabin'*



*Geranium x cantabrigiense 'Karmina'*



*Amsonia x 'Blue Ice'*



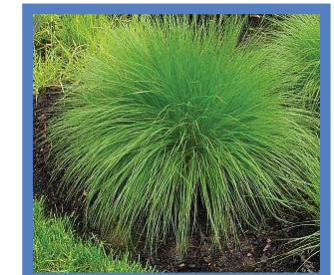
*Weigela florida 'Alexandra'*



*Panicum virgatum 'Shenandoah'*



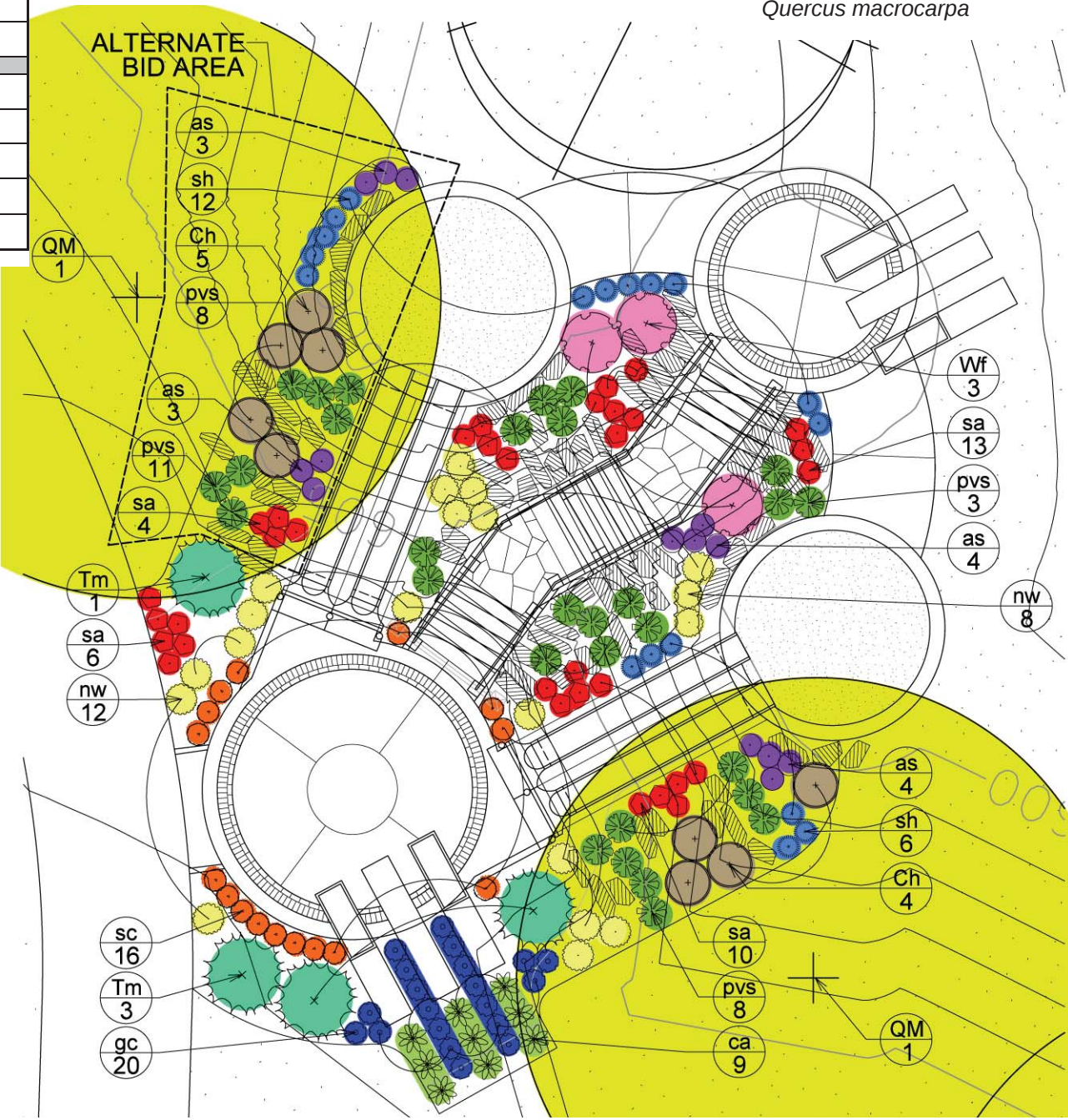
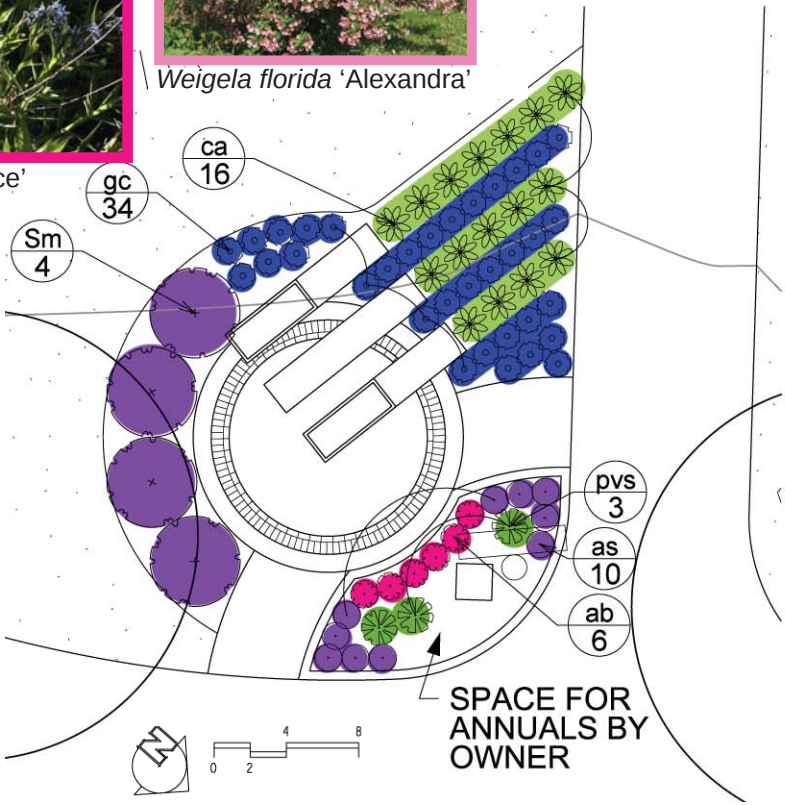
*Sedum 'Autumn Fire'*



*Sporobolus heterolepis 'Tara'*



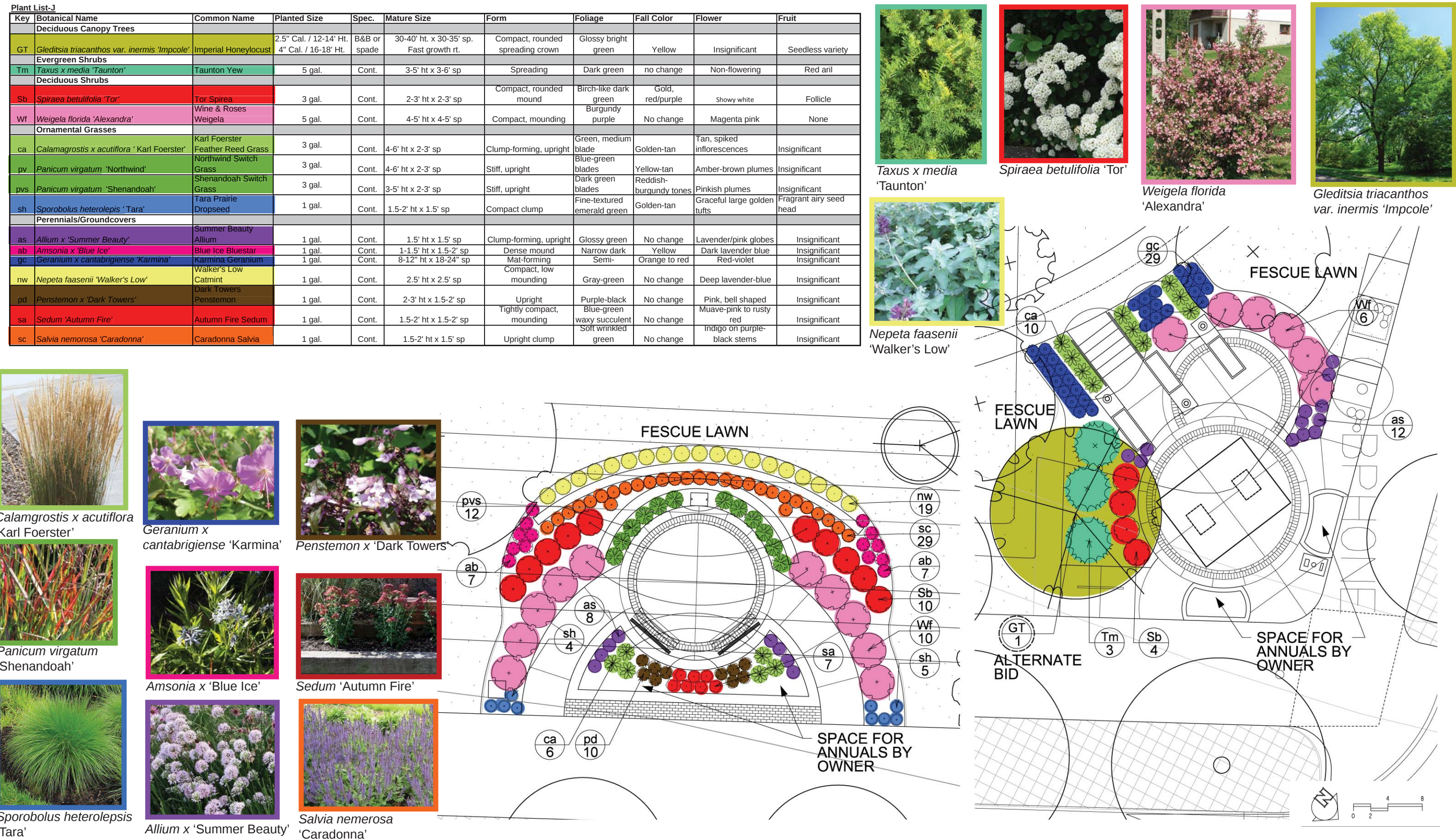
*Nepeta faassenii 'Walker's Low'*



I. SLIDE PLAY AREA - PLANTING PLAN



J. 24TH STREET BIKE TRAILHEAD - AERIAL VIEW



J. 24TH STREET BIKE TRAILHEAD AND OVERLOOK - PLANTING PLAN



K. 24TH STREET OUTFALL - AERIAL VIEW



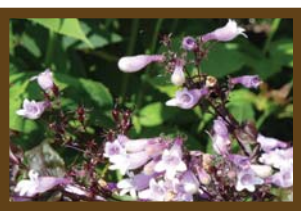
*Calamagrostis x acutiflora*  
'Karl Foerster'



*Nepeta faassenii*  
'Walker's Low'



*Salvia nemerosa*  
'Caradonna'



*Penstemon x 'Dark Towers'*



*Panicum virgatum*  
'Shenandoah'



*Geranium x cantabrigiense* 'Karmina'



*Calamintha nepeta ssp. nepeta*



*Cornus sericea* 'Alleman's Compact'



*Allium x 'Summer Beauty'*



*Sporobolus heterolepsis*  
'Tara'

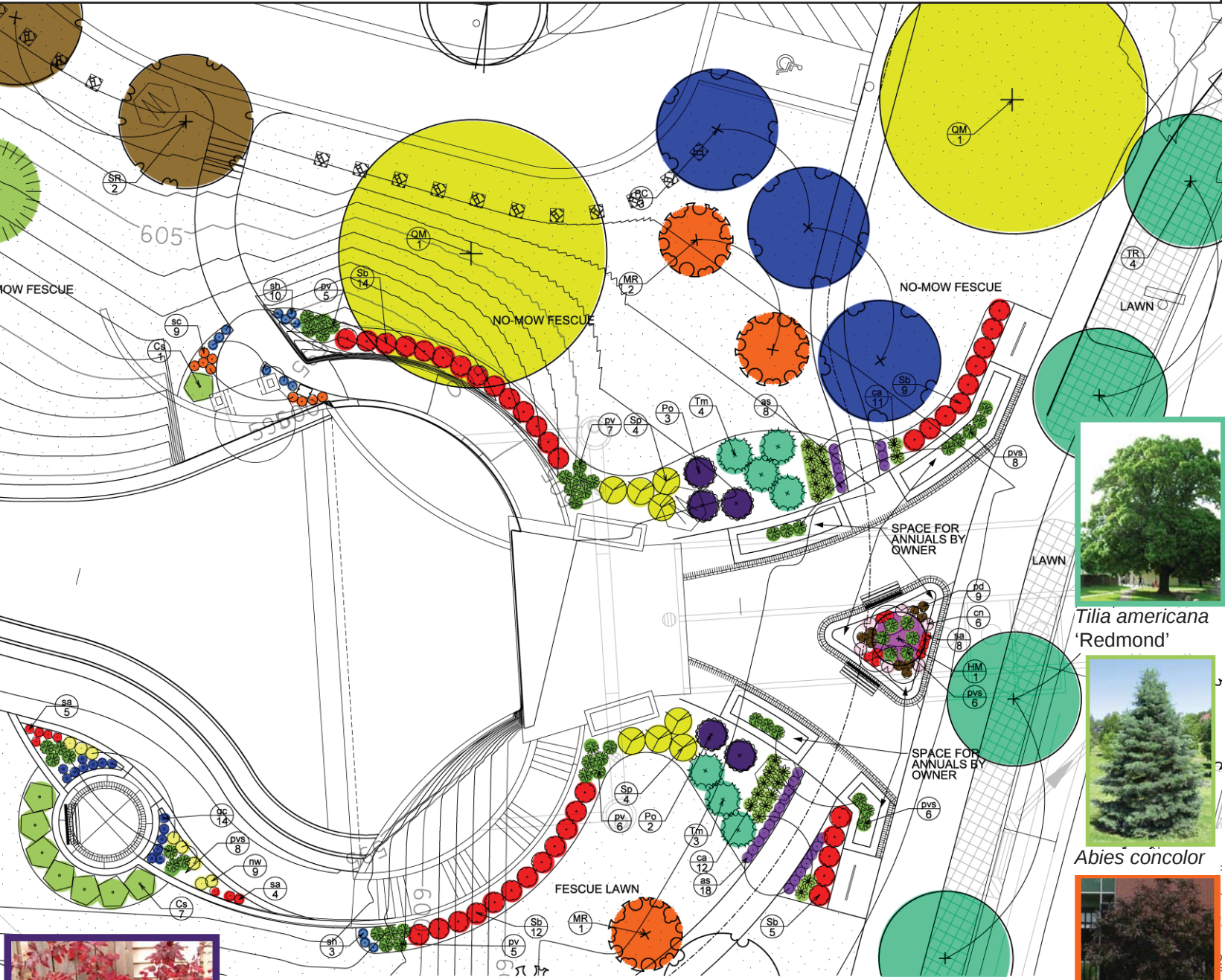


*Sedum* 'Autumn Fire'



*Spiraea betulifolia* 'Tor'

| Plant List-K               |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
|----------------------------|---------------------------------------------------|----------------------------------|------------------------|--------------|-------------------------|-------------------------------------|-----------------------------|------------------------|------------------------------|----------------------------------|------------------|
| Key                        | Botanical Name                                    | Common Name                      | Planted Size           | Spec.        | Mature Size             | Form                                | Foliage                     | Fall Color             | Flower                       | Fruit                            | Notes            |
| Deciduous Canopy Trees     |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| OM                         | <i>Quercus macrocarpa</i>                         | Bur Oak                          | 2.5' Cal. / 12-14' Ht. | B&B or spade | 80' ht. x 80' sp.       | Broad, columnar                     | Dark green                  | Yellow brown to tan    | Catkin - insignificant       | Acorns with fringed caps         |                  |
| TR                         | <i>Tilia cordata 'Greenspire'</i>                 | Greenspire Linden                | 4" Cal. / 16-18' Ht.   | B&B or spade | 40-50' ht. x 30-35' sp. | Broad, conical                      | Dark green                  | Yellow                 | Creamy white, fragrant       | BB-sized single helicopter fruit |                  |
| Deciduous Ornamental trees |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| HM                         | <i>Heptacodium miconioides</i>                    | Seven-Son Flower                 | 8' Ht.                 | Cont. or B&B | 10-20' ht. x 8-15' sp.  | Low branched or multi-stem, arching | Glossy green                | Insignificant          | Showy white, fragrant        | Showy rose-purple sepals         | Exfoliating bark |
| MR                         | <i>Malus 'JFS-KW5'</i>                            | Royal Raindrops Crabapple        | 2" Cal. / 8-10' Ht.    | B&B or spade | 20' ht. x 15' sp.       | Upright spreading                   | Purple, cutleaf             | Orange-red             | Bright pink-red              | Maroon red, persistent           | Winter interest  |
| PC                         | <i>Pyrus calleryana 'Autumn Blaze'</i>            | Autumn Blaze Callery Pear        | 4" Cal. / 8-10' Ht.    | B&B or spade | 35' ht. x 25-30' sp.    | Pyramidal, rounded                  | Glossy dark green           | Crimson red to purple  | Bright pink-red              | Brown 1/2" diam. fruit           |                  |
| SR                         | <i>Syringa reticulata 'Ivory Silk'</i>            | Ivory Silk Japanese Tree Lilac   | 2" Cal. / 8-10' Ht.    | B&B or spade | 25' ht. x 15-20' sp.    | Oval, rounded crown                 | Dark green                  | Insignificant          | Showy white, fragrant        | Insignificant                    | Ornamental bark  |
| Evergreen Trees            |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| AC                         | <i>Abies concolor</i>                             | White Fir                        | 6' Ht.                 | B&B or spade | 40-50' ht. x 15-30' sp. | Upright conical                     | Blue-green                  | No change              | Non-flowering                | Cones mature to purple brown     |                  |
| Evergreen Shrubs           |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| Tm                         | <i>Taxus x media 'Taunton'</i>                    | Taunton Yew                      | 5 gal.                 | Cont.        | 3-5' ht x 3-6' sp       | Spreading                           | Dark green                  | no change              | Non-flowering                | Red aril                         |                  |
| Deciduous Shrubs           |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| Cs                         | <i>Cornus sericea 'Alleman's Compact'</i>         | Alleman's Compact Dogwood        | 5 gal.                 | Cont.        | 4-5' ht x 4-5' sp       | Rounded, stoloniferous              | Green                       | Yellow                 | White                        | Bright red berries               | Red twig color   |
| Po                         | <i>Physocarpus opulifolius 'Seward'</i>           | Seward Ninebark                  | 5 gal.                 | Cont.        | 5-6' ht x 5-6' sp       | Compact arching                     | Deep-cut crimson-red        | No change              | Pinkish-white                | Insignificant                    | Ornamental bark  |
| Sp                         | <i>Salix purpurea 'Nana'</i>                      | Arctic Willow                    | 5 gal.                 | Cont.        | 3-6' ht x 3-6' sp       | Compact, rounded                    | Steel blue                  | Purple winter stems    | Catkins                      | Insignificant                    |                  |
| Sb                         | <i>Spiraea betulifolia 'Tor'</i>                  | Tor Spirea                       | 3 gal.                 | Cont.        | 2-3' ht x 2-3' sp       | Compact, rounded mound              | Birch-like dark green       | Gold, red/purple       | Showy white                  | Follicle                         |                  |
| Ornamental Grasses         |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| ca                         | <i>Calamagrostis x acutiflora 'Karl Foerster'</i> | Karl Foerster Feather Reed Grass | 3 gal.                 | Cont.        | 4-6' ht x 2-3' sp       | Clump-forming, upright              | Green, medium blade         | Golden-tan             | Tan, spiked inflorescences   | Insignificant                    |                  |
| pvs                        | <i>Panicum virgatum 'Shenandoah'</i>              | Shenandoah Switch Grass          | 3 gal.                 | Cont.        | 3-5' ht x 2-3' sp       | Stiff, upright                      | Dark green blades           | Reddish-burgundy tones | Pinkish plumes               | Insignificant                    |                  |
| sh                         | <i>Sporobolus heterolepsis 'Tara'</i>             | Tara Prairie Dropseed            | 1 gal.                 | Cont.        | 1.5-2' ht x 1.5' sp     | Compact clump                       | Fine-textured emerald green | Golden-tan             | Graceful large golden tufts  | Fragrant airy seed head          |                  |
| Perennials/Groundcovers    |                                                   |                                  |                        |              |                         |                                     |                             |                        |                              |                                  |                  |
| as                         | <i>Allium x 'Summer Beauty'</i>                   | Summer Beauty Allium             | 1 gal.                 | Cont.        | 1.5' ht x 1.5' sp       | Clump-forming, upright              | Glossy green                | No change              | Lavender/pink globes         | Insignificant                    |                  |
| cn                         | <i>Calamintha nepeta ssp. nepeta</i>              | Lesser Calamintha                | 1 gal.                 | Cont.        | 1.5-2' ht x 1.5-2' sp   | Dense, rounded mound                | Dark green                  | No change              | White                        | Insignificant                    |                  |
| gc                         | <i>Geranium x cantabrigiense 'Karmina'</i>        | Karmina Geranium                 | 1 gal.                 | Cont.        | 8-12' ht x 18-24' sp    | Mat-forming                         | Gray-green                  | Orange to red          | Red-violet                   | Insignificant                    |                  |
| nw                         | <i>Nepeta faassenii 'Walker's Low'</i>            | Walker's Low Catmint             | 1 gal.                 | Cont.        | 2.5' ht x 2.5' sp       | Compact, low mounding               | Gray-green                  | No change              | Deep lavender-blue           | Insignificant                    |                  |
| pd                         | <i>Penstemon x 'Dark Towers'</i>                  | Dark Towers Penstemon            | 1 gal.                 | Cont.        | 2-3' ht x 1.5-2' sp     | Upright                             | Purple-black                | No change              | Pink, bell shaped            | Insignificant                    |                  |
| sa                         | <i>Sedum 'Autumn Fire'</i>                        | Autumn Fire Sedum                | 1 gal.                 | Cont.        | 1.5-2' ht x 1.5-2' sp   | Tightly compact, mounding           | Blue-green waxy succulent   | No change              | Muave-pink to rusty red      | Insignificant                    |                  |
| sc                         | <i>Salvia nemerosa 'Caradonna'</i>                | Caradonna Salvia                 | 1 gal.                 | Cont.        | 1.5-2' ht x 1.5' sp     | Upright clump                       | Soft wrinkled green         | No change              | Indigo on purple-black stems | Insignificant                    |                  |



*Physocarpus opulifolius*  
'Seward'



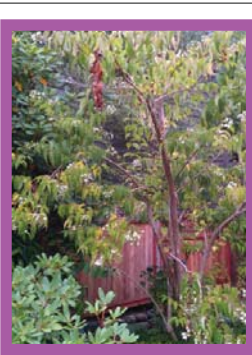
*Salix purpurea* 'Nana'



*Syringa reticulata*  
'Ivory Silk'



*Quercus macrocarpa*



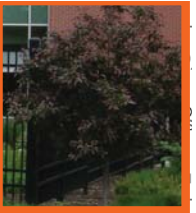
*Heptacodium miconioides*



*Tilia americana*  
'Redmond'



*Abies concolor*



*Malus 'JFS-KW5'*



*Pyrus calleryana*  
'Autumn Blaze'

K. 24TH STREET OUTFALL- PLANTING PLAN

|    |                          |                                      |
|----|--------------------------|--------------------------------------|
| 1. | Biofield Plugs – Dry Mix |                                      |
| a. | Leadplant                | ( <i>Amorpha canescens</i> )         |
| b. | Butterfly Weed           | ( <i>Asclepias tuberosa</i> )        |
| c. | Heath Aster              | ( <i>Aster ericoides</i> )           |
| d. | New England Aster        | ( <i>Aster novae-angliae</i> )       |
| e. | Sideoats Grama           | ( <i>Bouteloua curtipendula</i> )    |
| f. | Showy Tick Trefoil       | ( <i>Desmodium canadense</i> )       |
| g. | Pale Purple Coneflower   | ( <i>Echinacea pallida</i> )         |
| h. | Canada Wild Rye          | ( <i>Elymus canadensis</i> )         |
| i. | Prairie Blazingstar      | ( <i>Liatris pycnostachya</i> )      |
| j. | Switchgrass              | ( <i>Panicum virgatum</i> )          |
| k. | Sweet Black Eyed Susan   | ( <i>Rudbeckia subtomentosa</i> )    |
| l. | Little Bluestem          | ( <i>Schizachyrium scoparium</i> )   |
| m. | Showy Goldenrod          | ( <i>Solidago speciosa</i> )         |
| n. | Indiangrass              | ( <i>Sorghastrum nutans</i> )        |
| o. | Prairie Dropseed         | ( <i>Sporobolus heterolepis</i> )    |
| p. | Western Spiderwort       | ( <i>Tradescantia occidentalis</i> ) |
| q. | Hoary Vervain            | ( <i>Verbena stricta</i> )           |



*Sorghastrum nutans*



*Rudbeckia subtomentosa*



*Schizachyrium scoparium*



*Echinacea pallida*



*Asclepias tuberosa*

|    |                              |                                     |
|----|------------------------------|-------------------------------------|
| 2. | Biofield Plugs – Mesic Mix   |                                     |
| a. | Nodding Pink Onion           | ( <i>Allium cernuum</i> )           |
| b. | New England Aster            | ( <i>Aster novae-angliae</i> )      |
| c. | White False Indigo           | ( <i>Baptisia lactea</i> )          |
| d. | Copper Shouldered Oval Sedge | ( <i>Carex bicknellii</i> )         |
| e. | Bristly Sedge                | ( <i>Carex comosa</i> )             |
| f. | Brown Fox Sedge              | ( <i>Carex vulpinoidea</i> )        |
| g. | Tufted Hair Grass            | ( <i>Deschampsia cespitosa</i> )    |
| h. | Canada Wild Rye              | ( <i>Elymus canadensis</i> )        |
| i. | Blue Flag Iris               | ( <i>Iris versicolor</i> )          |
| j. | Marsh Blazingstar            | ( <i>Liatris spicata</i> )          |
| k. | Great Blue Lobelia           | ( <i>Lobelia siphilitica</i> )      |
| l. | Switchgrass                  | ( <i>Panicum virgatum</i> )         |
| m. | Bergamot                     | ( <i>Monarda fistulosa</i> )        |
| n. | Smooth Penstemon             | ( <i>Penstemon digitalis</i> )      |
| o. | Obedient Plant               | ( <i>Physostegia virginiana</i> )   |
| p. | Cup Plant                    | ( <i>Silphium perfoliatum</i> )     |
| q. | Ohio Spiderwort              | ( <i>Tradescantia ohioensis</i> )   |
| r. | Culver's Root                | ( <i>Veronicastrum virginicum</i> ) |



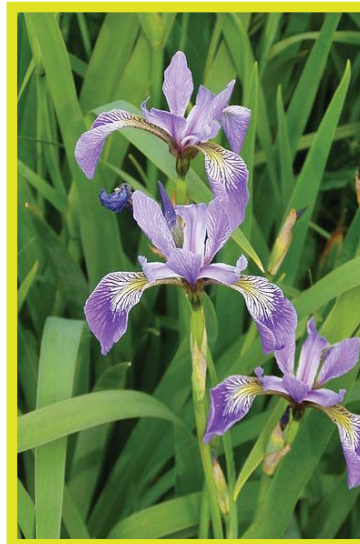
*Liatris spicata*



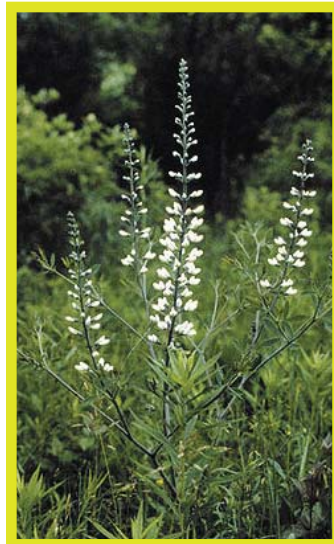
*Veronicastrum virginicum*



*Elymus canadensis*



*Iris versicolor*



*Baptisia lactea*