

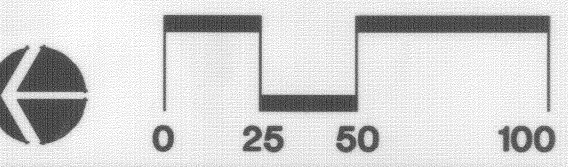
City of Fort Collins

**Center for  
Advanced  
Technologies  
22nd  
Filing  
"Community  
Horticultural  
Center"**

**PDP, #53-85AV**

| REV. | COMMENT | DATE |
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SEAL



DATE: JANUARY 10, 2003  
JOB NO.: 71082.20  
DRAWN BY: CR, DS, DT  
CHECKED BY: GAH

DRAWING TITLE:  
**LANDSCAPE  
PLAN**

SHEET NO.:

**LP101**

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**PLANTING LEGEND**

|  |                   |  |   |  |  |
|--|-------------------|--|---|--|--|
|  | NATIVE SEED MIX   |  | MOWED FESCUE TURF                             |  | Existing Russian Olive (To be removed)     |
|  | RIPARIAN SEED MIX |  | PERENNIALS AND GROUNDCOVERS, AND SMALL SHRUBS |  | Existing Plains Cottonwood (To be removed) |
|  | GARDEN COVER CROP |  | DISPLAY BED                                   |  | Existing Siberian Elm (To be removed)      |
|  |                   |  | LOW WATER-USE GROUNDCOVERS                    |  | Existing Crack Willow (To be removed)      |

NOTE: TREE AND SHRUB PLANTINGS TO BE PERFORMED BY THE CITY OF FORT COLLINS

**PLANTING NOTES**

1. THE FOLLOWING SEPARATIONS SHALL BE PROVIDED BETWEEN TREES/SHRUBS AND UTILITIES:

- 40 FEET BETWEEN CANOPY TREES AND STREET LIGHTS
- 15 FEET BETWEEN ORNAMENTAL TREES AND STREET LIGHTS
- 15 FEET BETWEEN TREES AND PUBLIC WATER OR SEWER LINES
- 5 FEET BETWEEN SHRUBS AND PUBLIC WATER OR SEWER LINES
- 4 FEET BETWEEN TREES AND GAS LINES

2. FIELD LOCATE UTILITIES PRIOR TO PLANTING

3. SHRUB AND PERENNIAL BEDS SHALL BE MULCHED W/3" ORGANIC MULCH

**IRRIGATION/WATER-USE CATEGORIES**

| CATEGORIES                  | LOW             | MEDIUM         | HIGH         |
|-----------------------------|-----------------|----------------|--------------|
| NATIVE SEED MIX             | 159,880 SQ. FT. |                |              |
| MOWED FESCUE TURF           |                 | 44,357 SQ. FT. |              |
| RIPARIAN SEED MIX           | 139,422 SQ. FT. |                |              |
| PERENNIALS AND GROUNDCOVERS |                 | 24,619 SQ. FT. |              |
| GARDEN COVER CROP           | 306,144 SQ. FT. |                |              |
| DISPLAY BED                 |                 |                | 1259 SQ. FT. |
| LOW WATER-USE GROUNDCOVERS  | 8655 SQ. FT.    |                |              |

**Plant List**

|                         |  |                                 |
|-------------------------|--|---------------------------------|
| <b>Deciduous Trees</b>  |  |                                 |
| 5 AMA                   | Acer manshuricum                       | Manchurian Maple                |
| 2 ANI                   | Acer nigra                             | Black Maple                     |
| 14 ASC                  | Acer saccharum 'Caddo'                 | 'Caddo' Sugar Maple             |
| 7 ATA                   | Acer tataricum                         | Tatarian Maple                  |
| 3 ATR                   | Acer triflorum                         | Three flowered Maple            |
| 3 ATU                   | Acer truncatum                         | Shantung Maple                  |
| 5 AFL                   | Aesculus flava                         | Yellow Buckeye                  |
| 5 ALT                   | Alnus tenuifolia                       | Mountain Alder                  |
| 12 BOC                  | Betula occidentalis                    | Western Rocky Mountain Birch    |
| 2 COO                   | Corylus colurna                        | Turkish Filbert                 |
| 4 MAD                   | Malus 'Adams'                          | Adam Crabapple                  |
| 3 MDA                   | Malus 'David'                          | 'David' Crabapple               |
| 3 MIS                   | Malus 'Indian Summer'                  | Indian Summer Crabapple         |
| 5 PCA                   | Prunus calleryana 'Autumn Blaze'       | Autumn Blaze Pear               |
| 5 PFO                   | Prunus x fontanesiana                  | Des Fontanes Cherry             |
| 3 PNP                   | Prunus nigra 'Princess Kay'            | 'Princess Kay' Plum             |
| 6 PPE                   | Parrotia persica                       | Persian Parrotia                |
| 3 PSA                   | Prunus subhirtella 'Autumnalis'        | Higan Cherry                    |
| 3 QBU                   | Quercus buckleyi                       | Texas Red Oak                   |
| 2 QMA                   | Quercus macrocarpa                     | Burr Oak                        |
| 7 QMU                   | Quercus muhlenbergii                   | Chinquapin Oak                  |
| 33 QSH                  | Quercus shumardii                      | Shumard Oak                     |
| <b>Evergreen Trees</b>  |  |                                 |
| 10 JMO                  | Juniperus monosperma                   | One Seed Juniper                |
| 17 JSC                  | Juniperus scopulorum                   | Rocky Mountain Juniper          |
| 16 JSW                  | Juniperus scopulorum 'Wolchii'         | Wolchii Juniper                 |
| 5 PGD                   | Picea glauca 'Densata'                 | Black Hills White Spruce        |
| 3 PPB                   | Picea pungens 'Bakerii'                | Baker Blue Spruce               |
| 7 PED                   | Pinus edulis                           | Pinyon Pine                     |
| 1 PKO                   | Pinus koraiensis                       | Korean Pine                     |
| 5 PPO                   | Pinus ponderosa                        | Ponderosa Pine                  |
| 1 PST                   | Pinus strobiform                       | Southwestern White Pine         |
| <b>Deciduous Shrubs</b> |  |                                 |
| 15 AAL                  | Amelanchier alnifolia                  | Saskatoon Serviceberry          |
| 5 AFU                   | Amorpha fruticosa                      | Indigo Bush                     |
| 3 AME                   | Aronia melanocarpa                     | Black Common Chokeberry         |
| 6 AFI                   | Artemisia frigida                      | Fringed Sage                    |
| 5 ATI                   | Artemisia tridentata                   | Tall Western Sage               |
| 3 BAL                   | Buddleia alternifolia                  | Fountain Butterflybush          |
| 3 CCL                   | Caryopteris x clandonensis             | Blue Mist Spirea                |
| 10 CNA                  | Chrysothamnus nauseosus                | Rubber Rabbitbrush              |
| 3 CNN                   | Chrysothamnus nauseosus ssp. nauseosus | Dwarf Blue Rabbitbrush          |
| 15 CSE                  | Cornus sericea                         | Redosier Dogwood                |
| 8 LKF                   | Lonicera korolkowii 'Floribunda'       | Blue Velvet Honeysuckle         |
| 12 MRE                  | Mahonia repens                         | Oregon Grape Holly              |
| 3 PLE                   | Philadelphus lewisii                   | Lewis Mockorange                |
| 12 PAM                  | Prunus americana                       | American Plum                   |
| 10 PVM                  | Prunus virginiana melanocarpa          | Black Common Chokeberry         |
| 28 RTR                  | Rhus trilobata                         | Three leafed Sumac              |
| 11 RAU                  | Ribes aureum                           | Golden Currant                  |
| 6 RAR                   | Rosa arkansana                         | Arkansas Rose                   |
| 13 RNO                  | Rosa nootkana                          | Nootka Rose                     |
| 20 SEX                  | Salix exigua                           | Coyote Willow                   |
| 10 SAL                  | Symphoricarpos albus                   | Western Snowberry               |
| 1 SIA                   | Syringa hyacinthiflora 'Assesippi'     | Assesippi Lilac                 |
| 1 SHE                   | Syringa hyacinthiflora 'Excel'         | Excel Lilac                     |
| 1 SPN                   | Syringa prestoniae 'Nocturne'          | Nocturne Canadian Lilac         |
| 3 VPR                   | Viburnum prunifolium                   | Blackhaw Viburnum               |
| 3 VTC                   | Viburnum trilobum compactum            | American Cranberrybush Viburnum |

**Native Seed Mix**

| Common Name     | Scientific Name                | Lb. PLS/AC  |
|-----------------|--------------------------------|-------------|
| Western Wheat   | <i>Agropyron smithii</i>       | 4.0         |
| Side Oats Grama | <i>Bouteloua curtipendula</i>  | 1.5         |
| Blue Grama      | <i>Bouteloua gracilis</i>      | 0.5         |
| Buffalo Grass   | <i>Buchloe dactyloides</i>     | 6.0         |
| Canada Wildrye  | <i>Elymus canadensis</i>       | 2.0         |
| Switchgrass     | <i>Panicum virgatum</i>        | 0.5         |
| Little Bluestem | <i>Schizachyrium scoparium</i> | 1.0         |
| <b>Total</b>    |                                | <b>15.5</b> |

**Riparian Seed Mix**

| Common Name           | Scientific Name                | Lb. PLS/AC  |
|-----------------------|--------------------------------|-------------|
| Western Wheatgrass    | <i>Panicum umbricola</i>       | 4.0         |
| Blackchick Wheatgrass | <i>Agropyron spicatum</i>      | 2.0         |
| Side Oats Grama       | <i>Bouteloua curtipendula</i>  | 1.0         |
| Blue Grama            | <i>Bouteloua gracilis</i>      | 0.5         |
| Little Bluestem       | <i>Schizachyrium scoparium</i> | 1.0         |
| Prairie Cordgrass     | <i>Sporobolus pectinatus</i>   | 1.0         |
| Alkali Sacaton        | <i>Sporobolus airoides</i>     | 0.5         |
| Big Bluestem          | <i>Andropogon gerardii</i>     | 2.0         |
| Switchgrass           | <i>Panicum virgatum</i>        | 1.0         |
| Yellow Indiangrass    | <i>Sorghastrum nutans</i>      | 2.0         |
| Canada Wildrye        | <i>Elymus canadensis</i>       | 0.5         |
| Marsh 3-6 Flower      | <i>Heterotheca matrifida</i>   | 0.5         |
| Blue Flag Iris        | <i>Iris missouriensis</i>      | 0.5         |
| <b>Total</b>          |                                | <b>17.0</b> |