

Streetscape Guidelines & Design Palette

Downtown Urban Design Strategy: Keeping it Kimberley

KIMBERLEY
A GOOD PLACE TO BE.

Introduction

The City is embarking on a **Downtown Urban Design Strategy: Keeping it Kimberley** to develop a new vision and create a consistent and coordinated approach to improvements and investments in the downtown to respond to the needs of the community.

The following pages present a suite of options for Kimberley to consider for a range of streetscape, site amenities and plants. As the team receives feedback and comments from the community on the options presented, the selected products, colours, species and treatments will be refined and compiled into formalized guidelines that will serve as a standard for improvements in the public realm, as well as a resource for private land-owners who wish to align their improvements with the municipal standard.

Building upon themes heard from the community engagements and collaboration with staff, the project team has prepared a palette of elements that are thematically and functionally suitable for Kimberley.

Themes Heard:

"Exciting signage / branding"



"Lots of benches, picnic tables, and flower beds make people want to hang out together in the platzl"



"More outdoor seating for restaurants"



"It would be cool to see some more seating options other than benches for outdoor spaces around the downtown area"



"Platzl needs upgrading, lighting, and seating"

The options for site furnishings are presented by manufacturer as selecting preferred supplier will ensure that all the furnishings are cohesive even if variations of a particular series are deployed to suit site-specific conditions. The City will want to streamline the supply chain for furnishings as much as possible, but in the case of waste receptacles or tree grates, may find it preferable to source the preferred product from a separate supplier. In short, we hope to find preferred suppliers that can meet as many of the needs as possible for the sake of consistency and economy of scale, but recognize that the preferred palette may include more than one supplier.

Wishbone

***AFFORDABLE**
***CANADIAN MANUFACTURER**
***BC MANUFACTURER**

$-$$

JEM Series



KIMBERLEY RED





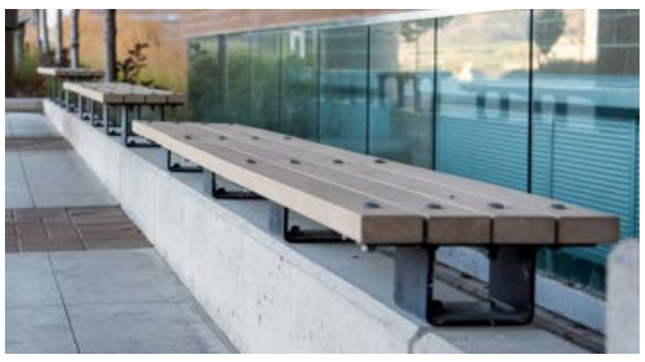
Parker Series













Bike Racks & Bollards





***CUSTOMIZABLE**

Planters

WEST COAST PLANTER



BESELT SQUARE PLANTER



URBAN FORM SELF WATERING TAPERED PLANTER



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TimberForm

*** NORTH AMERICAN MANUFACTURER**

$$-$$$

Colossus Series









Central Park Series







Diller Series















***CUSTOMIZABLE**

Dumor

$$-$$$

*** NORTH AMERICAN MANUFACTURER**

Product line includes many coordinating products for seating configuration including:

- Curving benches of any radius over 48" (inside)
- Limitless bench length
- Centre and end armrest
- Bench-mounted table
- Wall mount and free-standing benches
- Accessible picnic table

COLOR OPTIONS



KIMBERLEY RED

521/523 Continuous Bench



520 Continuous Bench







524 Island Seat



525 Table



Bollard 400



Planter 440



Bike Rack 292



Bike Rack 290



520/522 Bench



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mmcite

*EUROPEAN MANUFACTURER

$$$-$$$$

Landscape Compact Series

This product lineup is comprised of modular assemblies that can be customized to a variety of contexts.













BLOCQ Series

powdercoat colours

RAL 3016 coral red

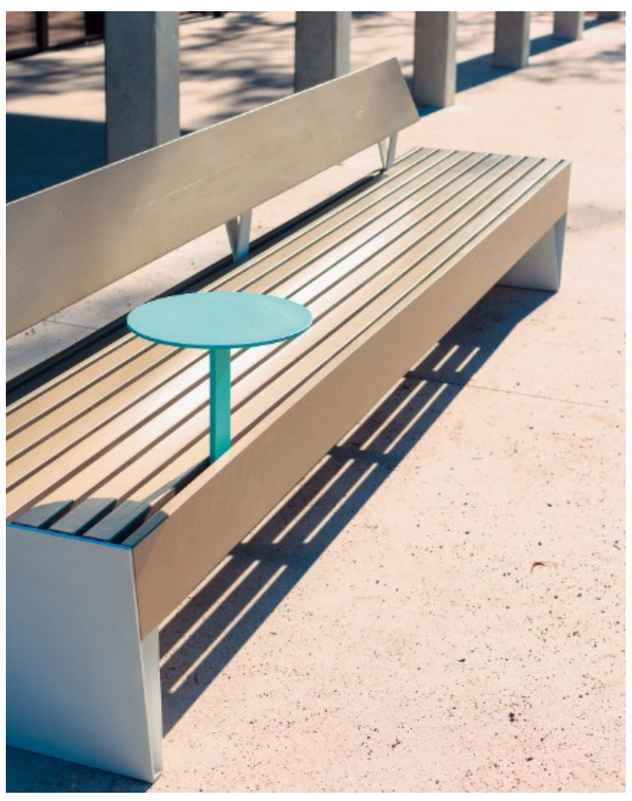
RAL 3020 traffic red

KIMBERLEY RED



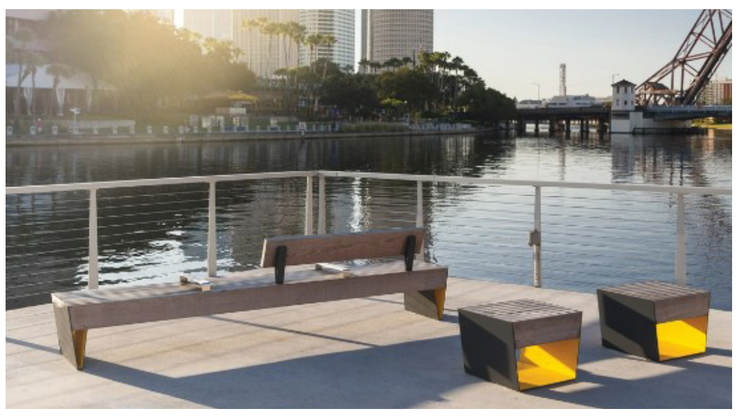












Streetlife

$$$-$$$$

*EUROPEAN MANUFACTURER

Heavy-Heavy Series







Rough & Ready Series









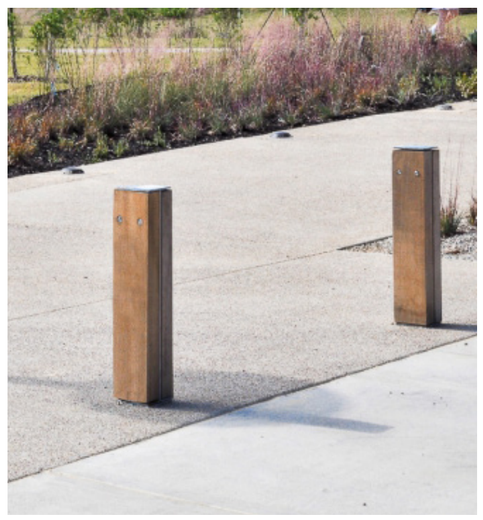




Bike Racks, Bollards & Light Pillars











*CAN INSTALL LED INSIDE

Waste Receptacles

***BEAR-PROOF RECEPTACLES**

HAUL-ALL

Hid-A-Bag







Discovery





Wishbone

Freedom





Tree & Trench Grates

Urban Accessories

Cascade Grate



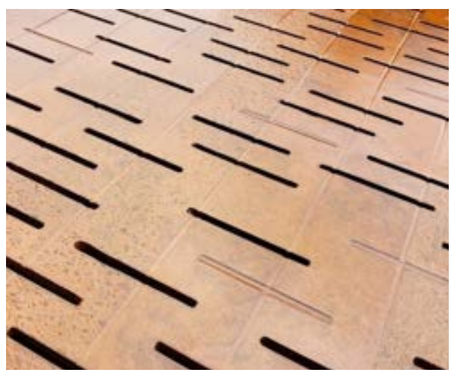
4' X 4', 4' X 8', OR 5' X 6'

Maple Leaf Grate



5' X 5', OR 4' X 6'

Cascade Trench



5" X 20", OR 12" X 18"

Prospect Trench



5" X 20", OR 12" X 18"

Streetlife

Twiggy Grate



SQUARES OF 39”, 47”, 59”, 71” & 118”, OR RECTANGLE OPTIONS

Twiggy Trench



39" X 6", OR 39" X 20"

Iron Age

Locust Grate



3' X 6', 4' X 4', 4' X 4, 4' X 6', 4' X 8', & 6' X 6'

Locust Trench



2" X 12", 3" X 12", 4" X 18", 4" X 24", 5" X 20", 5" X 24", 6" X 24", 9" X 20, 12" X 20", 13" X 20", 20" X 40"

Oblio Grate



3' X 3', 4' X 4', 4' X 6', 5' X 5', & 6' X 6'

Oblio Trench



4" X 18", 4" X 24", 5" X 20",9" X 20", 12" X 18", 12" X 24", 13" X 20", 18" X 24"

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Pedestrian Hardscapes

Existing Pavers





Stamped Concrete

Patterns available from Built-Form

The City is exploring alternative paving options for the pedestrian areas that are more resilient to snow removal operations and the climate in general. The patterns below present an opportunity to shirt to a cast concrete surface while keeping the cobble paving charm that exists in the downtown. Integral colour and release agents used during installation can create multi-dimensional colour palettes that further create consistency with existing pedestrian surfaces.

EDINBURGH



EUROPEAN FAN



PENNSYLVANIA



COLOUR OPTIONS



Saw-Cut Concrete

BROOM FINISH WITH SAW-CUT JOINT PATTERN



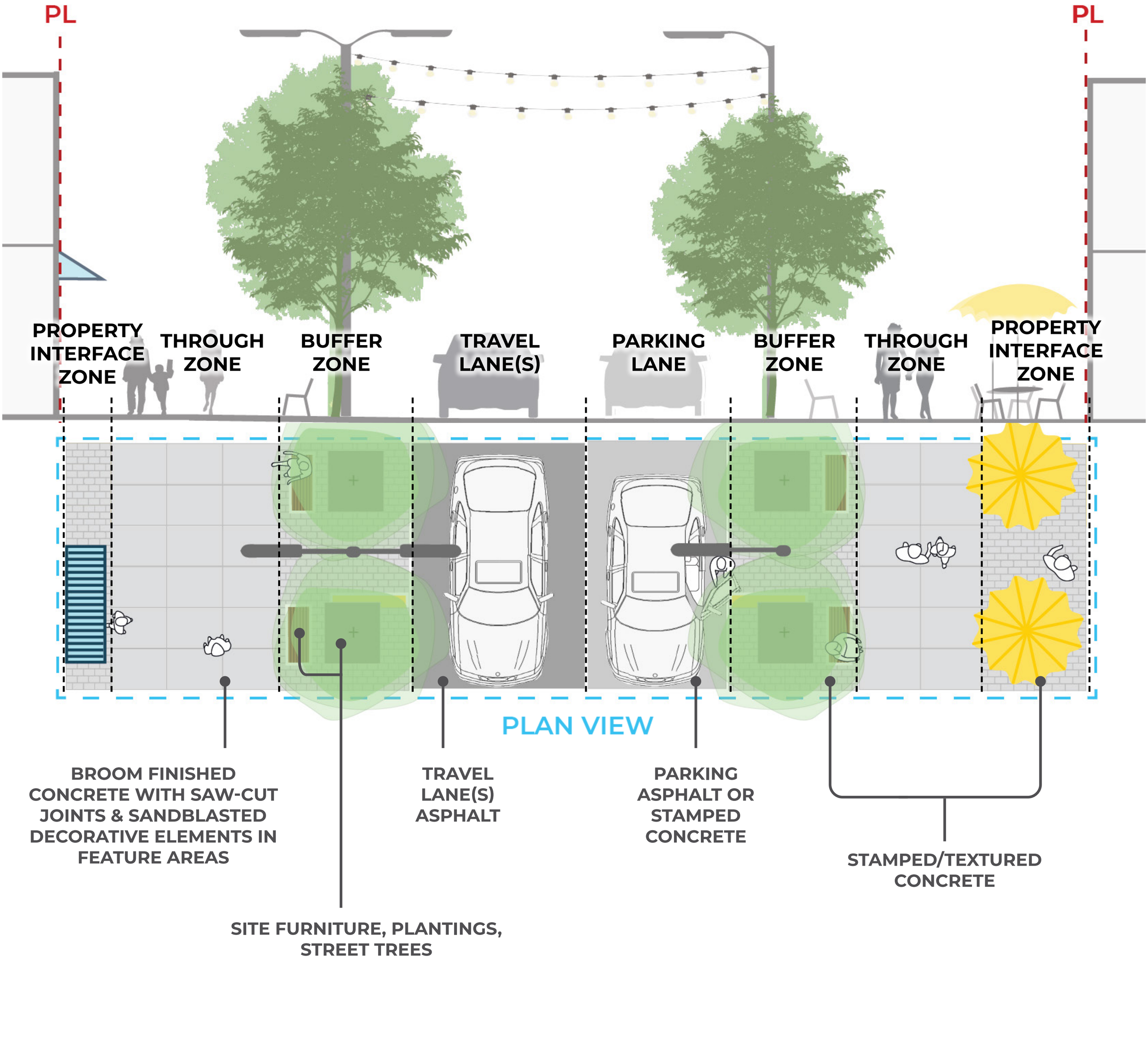
DECORATIVE/THEMATIC ELEMENTS SANDBLASTED INTO CONCRETE





Bringing it Together

Sample Street Plan View



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Landscape Palette

The following three pages propose a palette of plant species to support open space and green infrastructure in the downtown. Each species presented here is hardy in zone 4 or colder environments and have been observed to tolerate a range of conditions. This plant list, as it is refined through this process, is intended to serve as a resource for plant selection and evaluation within the study area, not the final word of permitted plant species.

Trees



STREET TREES

Street trees are important pieces of green infrastructure in urban environments. They play a role in mitigating climatic extremes, improve health outcomes and managing stormwater runoff.

Street tree species are often deciduous and are characterized by tolerance to pollution, inconspicuous or lack of seeds, and high mature canopies.

Available soil volume is a critical determinant in street tree longevity and success. While requirements vary from species to species, a minimum standard for any street tree is 15 cubic meters. Trees that share soil with other trees are more likely to thrive.

Acer rubrum ‘Scarlet Sentinel’, Scarlet Sentinel Maple
Acer x freemanii ‘Armstrong’, Armstrong Maple
Acer x freemanii ‘Celzam’, Celebration Maple
Acer x freemanii ‘Jeffersred’, Autumn Blaze Maple
Franixus x ‘Northern Treasure’, Northern Treasure Ash
Fraxinus americana ‘Tuxedo Ash’, Tuxedo Ash
Fraxinus pennsylvanica, Green Ash
Gleditsia triacanthos ‘Harve’, Northern Acclaim Honeylocust
Gleditsia triacanthos ‘Suncole’, Sunburst Honey Locust
Tilia americana ‘American Sentry’, American Sentry Linden



PARK TREES

Park trees are important and expected elements that define open and green space in communities. These species provide climate mitigation, screening, erosion control as well as habitat value in these spaces.

Park trees fill a broader range of niches than a street tree and can therefore include a diversity of growth habits, seed types and environmental tolerances.

Acer saccharum, Sugar Maple
Aesculus x arnoldiana ‘Autumn Splendor’, Autumn Splendor Buckeye
Betula platyphylla, Dakota Pinnacle Birch
Picea pungens, Colorado Spruce
Pinus contorta, Lodgepole Pine
Populus tremuloides, Quaking Aspen
Quercus macrocarpa, Burr Oak
Quercus rubra, Northern Red Oak

Landscape Palette

Planting

Shrubs and perennial plants, including grasses, fill the niches of both mid-story and ground-covering in the landscape. These species bring much of the seasonal delight and aesthetic value that we associate with plantings. They also create habitat, can play a role in stormwater management, and help buffer pedestrian environments from vehicular-dominated spaces.

Shrubs that are planted in locations with inadequate space tend to become maintenance hassles for operations staff and are often pruned into shapes that render them eyesores. Selecting the right plant for a site, especially urban environments where space is frequently limited, requires understanding of plants' mature size and ensuring that their growth habit will not interfere with circulation or critical infrastructure. Generally, plants with an indeterminate growth habit are not appropriate for urban environments, but may be well-suited for parks and open spaces.



SHRUBS

Amalanchier alnifolia, Saskatoon
Arctostaphylos uva-ursi, Kinnikinnick
Ceanothus velutinus, Snowbrush
Cornus sericea, Red-osier Dogwood
Juniperus horizontalis, Creeping Juniper
Juniperus communis, Common Juniper
Juniperus virginiana, 'Grey Owl', Gray Owl Juniper
Ledum groenlandicum, Labrador Tea
Rosa gymnocarpa, Baldhip Rose
Spiraea betulifolia, Birchleaf Spiraea
Symphoricarpos albus, Common Snowberry
Vaccinium ovatum, Evergreen Huckleberry



BIOSWALE/RAINGARDEN

Calamagrostis stricta, Slimstem Reedgrass
Carex densa, Dense sedge
Carex pachystachya, Sand-dune Sedge
Carex pansa, Dune Sedge
Carex tumulicola, Berkeley Sedge
Equisetum hymale, Scouring Rush
Juncus ensifolius, Dagger-Leaved Rush
Lysichiton americanum, Skunk Cabbage
Scirpus microcarpus, Small Flowered Bullrush



GRASSES (DROUGHT-TOLERANT)

Andropogon gerardii, Big Bluestem
Bouteloua gracilis, Blue Gramma Grass
Calamagrostis x acutiflora, 'Karl Foerster' Feather Reed Grass
Deschampsia cespitosa, Tufted Hair Grass
Festuca idahoensis, Idaho Fescue
Festuca rubra, Red Fescue
Helictotrichon sempervirens, Blue Oat Grass
Koeleria macrantha, June Grass

Landscape Palette

Planting



PERENNIALS (DROUGHT-TOLERANT)

Achillea millefolium, Yarrow
Actaea simplex, Bugbane
Agastache foeniculum, Anise Hyssop
Allium sp. Ornamental Onion
Anaphalis margaritaceae, Pearly Everlasting
Aquilegia formosa, Red Columbine
Armeria maritima, Common Thrift
Artemesia frigida, Pasture Sage
Artemisia ludoviciana, Silver Wormwood
Artemisia schmidtiana 'SilverMound', Silver Mound Artemisia
Campanula rotundifolia, Harebell
Festuca ovina 'Elijah Blue', Elijah Blue Fescue
Gaillardia × grandiflora, Blanketflower
Geranium 'Johnson's Blue', Johnson's Blue Geranium
Geum triflorum, Prairie Smoke
Heuchera spp., Coral Bells
Lavandula x intermedia, Lavender
Monarda didyma, Beebalm
Nepeta faassenii, Catmint
Penstemon fruticosus, Shrubby Penstemon
Platycodon Grandiflorus, Balloon Flower
Rudbeckia hirta, Black-Eyed Susan
Schizachyrium scoparium, Little Bluestem
Sedum cauticola 'Lidakense', Lidakense Stonecrop
Sedum reflexum 'Blue Spruce', Blue Spruce Stonecrop
Sedum reflexum, Reflexum Stonecrop
Sedum spathulifolium 'Carnea', Carnea Stonecrop
Sidalcea malviflora, Prairie Mallow
Solidago canadensis, Goldenrod



PERENNIALS (SHADE-TOLERANT)

Adiantum aleuticum, Maidenhair Fern
Alchimilla mollis, Lady's Mantle
Anomone sp. Rue Anemone
Blechnum spicant, Deer Fern
Cornus canadensis, Bunchberry
Dryopteris expansa, Spiny-Wood Fern
Gymnocarpium dryopteris, Oak Fern
Matteucia struthiopteris, Ostrich Fern
Polypodium glycyrrhiza, Licorice Fern