

# DESIGN CATALOG

## EXTERIOR FACADE & LANDSCAPE IMPROVEMENTS 2018



### DESIGN GUIDELINES & STANDARDS:

The intent of the following Design Guidelines and Standards is to establish a uniform set of design parameters and site features for Northwest Indianapolis neighborhoods.



**NORTHWEST AREA**  
QUALITY OF LIFE PLAN





# EXTERIOR COLOR SCHEMES

\*\*\*\*Actual color may vary from on-screen / printed representation. To confirm your color choices prior to purchase, please view a physical color chip, color card, or painted sample.

			
<b>Yellow Coneflower</b> **OL 615.4	<b>Chesterfield Green</b> *SW 2231	<b>White Almanac</b> *SW 4036	<b>Shingle Red</b>
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

1



1

			
<b>Memorybook Blue</b> ***VA 4007-5C	<b>Craftsman Gold</b> **OL 653.4	<b>Azalea Leaf</b> **OL 707.5	<b>Shingle Dark Gray</b>
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

2



2

			
<b>Smoked Salmon</b> **OL 605.4	<b>Kingston Aqua</b> **OL 668.4	<b>Cream Puff</b> **OL 728.1	<b>Shingle Black</b>
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

3



3

			
<b>Frosty Pine</b> **OL 741.2 D24	<b>Paradise Found</b> **OL 111 N51	<b>Hourglass</b> **OL 210 N30	<b>Shingle Brown / Gray</b>
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

4



4

\*SW = sherwin-williams

\*\*OL = Olympic

\*\*\*VA = Valspar Paint

\*\*\*\*Actual color may vary from on-screen/ printed representation. To confirm your color choices prior to purchase, please view a physical color chip, color card, or painted sample.

			
American Anthem **OL 710.4	Yellow Coneflower **OL 615.4	Classic Light Buff *SW 0050	Shingle Gray
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

5



5

			
Equilibrium **OL 169	Obsidian **OL 746.6	Willow Springs **OL 182	Shingle Dark Gray
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

6



6

			
Ancient Copper **OL 645.6	Mountain Stream **OL 707.4	Azalea Leaf **OL 707.5	Shingle Dark Gray
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

7



7

			
Saguaro Cactus *SW 2221	Yellow Coneflower **OL 615.4	Butcher Paper *SW 2153	Shingle Brown
			
<b>BODY</b>	<b>DOOR</b>	<b>TRIM</b>	<b>ROOF</b>

8



8

\*SW = sherwin-williams

\*\*OL= Olympic

\*\*\*VA= Valspar Paint

## SIDING STYLES

### Transformations Double White Vinyl Lap Siding

Type:	Exterior Siding
Material:	Vinyl
Color:	White
Dimensions:	4"h x 150"w x .04"d
Manufacturer:	Ply Gem
Cost:	\$114.00 / Carton (200 sq. ft.) \$102.60 / Carton in bulk above 5 cartons



### HardiePlank Primed Smooth Lap Siding

Type:	Exterior Lap Siding
Material:	Fiber Cement
Color:	Multiple Options
Dimensions:	5.25"h x 144"w x 0.3"d
Manufacturer:	James Hardie
Cost:	\$7.15 / plank



### HardieBacker Fiber Cement Backer Board

Type:	Fiber Cement Board Siding
Material:	Concrete / Fiberglass
Dimensions:	36"h x 60"w x 0.25"d
Manufacturer:	James Hardie
Cost:	\$12.47



## PAINT STYLES

### Valspar Seasonsplus Exterior Paint

Type: Exterior Paint  
Material: Latex  
Color: Variable  
Manufacturer: Valspar  
Cost: \$145.00 / 5 Gallons



### Olympic One Exterior Paint

Type: Exterior Paint  
Material: Latex  
Color: Variable  
Manufacturer: Olympic  
Cost: \$135.00 / 5 Gallons



### Sherwin Williams SuperPaint Exterior Paint

Type: Exterior Paint  
Material: Acrylic Latex  
Color: Variable  
Manufacturer: Sherwin Williams  
Cost: \$292.45 / 5 Gallons





## KEY

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- |                                 |                           |
|---------------------------------|---------------------------|
| ① ENTRY DOOR                    | ⑥ SHINGLE ROOF            |
| ② ADDRESS LETTERS               | ⑦ OUTDOOR POST LIGHT      |
| ③ EXTERIOR COLOR SCHEMES        | ⑧ LOCKING MAILBOX         |
| ④ LANDSCAPE BEAUTIFICATION      | ⑨ OUTDOOR WALL LIGHT      |
| ⑤ PROPERTY LINE / FRONT FENCING | ⑩ PATIO OR WALKWAY PAVERS |



# Site Furnishings Standards

The following site furnishings shall be required as unifying elements to create visual consistency within the neighborhood housing redevelopment. The quality and cohesiveness of these components are important to the overall visual aesthetics throughout all properties. Site furnishings shall be located primarily within front areas of the properties such as paths and front porch areas.

## Guidelines

- Site furnishings (Mailbox, Outdoor Lighting, Address Letters, & Pavers) should maintain consistency throughout the selected properties.
- Minimize the number of different materials and color choices to unify components.
- Elements shall be grouped where possible to avoid visual clutter.
- All site furnishing alternates should be approved by design team (w/purpose, llc) prior to purchase.
- All prices are based of purchasing individual items

*Approximate material costs are shown below in 2018 prices and do not include tax or installation. Freight and shipping vary per item and have been included within the cost shown.*



## DOOR STYLES

### ReliaBilt 1/4 Lite Solid Core Entry Door

Type:	Entry Door
Material:	Steel
Color:	Off White
Dimensions:	80"h x 36"w x 4.5"d
Handles:	Sold Separately
Hardware:	Polished Brass
Manufacturer:	ReliaBilt
Cost:	\$209.00



D1

### ReliaBilt Solid Core Entry Door

Type:	Entry Door
Material:	Steel
Color:	Off White
Dimensions:	80"h x 32"w x 4.5"d
Handles:	Sold Separately
Hardware:	Polished Brass
Manufacturer:	ReliaBilt
Cost:	\$149.00



D2

### EMCO Traditional Aluminum Storm Door

Type:	Storm Door
Material:	Aluminum
Color:	White
Dimensions:	80"h x 36"w x 1"d
Handles:	Black
Hardware:	Included
Manufacturer:	EMCO
Cost:	\$176.90



Da

## DOOR STYLES

### Builders Choice 5 Lite Fiberglass Entry Door

Type:	Entry Door
Material:	Fiberglass
Color:	Multiple Options
Dimensions:	80"h x 36"w x 1.75"d
Handles:	Sold Separately
Hardware:	Nickel
Manufacturer:	Builders Choice
Cost:	\$761.88



D3

### Builders Choice 1 Lite Fiberglass Entry Door

Type:	Entry Door
Material:	Fiberglass
Color:	Multiple Options
Dimensions:	80"h x 36"w x 1.75"d
Handles:	Sold Separately
Hardware:	Nickel
Manufacturer:	Builders Choice
Cost:	\$780.84



D4

### Andersen Universal Aluminum Storm Door

Type:	Storm Door
Material:	Aluminum
Color:	White
Dimensions:	80"h x 36"w x 1.5"d
Handles:	Brass
Hardware:	Included
Manufacturer:	Andersen
Cost:	\$306.00



Db

# MAILBOX STANDARDS

## Covina Locking Mailbox

Type: Wall Mount Locking Mailbox  
Material: Galvanized Steel  
Color: Black Powder Coat Finish  
Dimensions: 14.5"w x 13.5"t x 5.5 "d  
Manufacturer: QualArc  
Manufacturer: manufacturer n/a (item available at Lowe's)  
Cost: \$95.09 / ea



## Ridgeline Locking Mailbox

Type: Wall Mount Locking Mailbox  
Material: Galvanized Steel  
Color: Red Powder Coat Finish  
Dimensions: 14.5"w x 14.5"t x 5.5"d  
Manufacturer: manufacturer n/a (item available at Lowe's)  
Cost: \$70.61 / ea



## PEELCO Modern Rust Lockable Mailbox

Type: Wall Mount Locking Mailbox  
Material: Galvanized Steel  
Color: Powder Coated Galvanized Steel  
(Available in Black & White)  
Dimensions: 15"w x 11"t x 3.8"d  
Manufacturer: manufacturer n/a (item available at Lowe's)  
Cost: \$49.95 / ea



## ADDRESS LETTERS STANDARDS

### Gatehouse 4-in Black House Number

A1

Type:	Weather-Resistant House Number
Material:	Zinc
Color:	Black
Dimensions:	2.64"w x 4"h x 0.23"d
Manufacturer:	manufacturer n/a (item available at Lowe's)
Cost:	\$3.98 per letter

**Note:** Hardware & mounting instructions included



### Hillman 4.1-in Satin Nickel House Number

A2

Type:	Weather-Resistant House Number
Material:	Zinc
Color:	Satin Nickel
Dimensions:	7.2"w x 4.1"h x 1.5"d
Manufacturer:	Hillman (item available at Lowe's)
Cost:	\$5.98 per letter

**Note:** Hardware & mounting instructions included



### Palm Springs brushed aluminum

A3

Type:	Palm Springs brushed aluminum
Material:	3/8" thick, recycled aluminum
Color:	Black
Dimensions:	varies"w x 6"h x 3/8"d
Manufacturer:	Modern House Number
Cost:	\$21 ea/per letter

**Note:** Large quantities available by request  
Hardware & mounting instructions included



## EXTERIOR LIGHTING FIXTURES - SCHEME A

### Quoizel Asheville Outdoor Wall Light

Type:	Outdoor Wall-Mount Light
Base/Pole:	Wall Mounting Hardware
Lamp:	Electric Powered - 60W B11
Material:	Composite
Color:	dark oil-rubbed bronze finish
Dimensions:	6.25"w x 8.75"h x 7.25"d
Manufacturer:	Seaside Armour
Cost:	\$49.98



E1

### Quoizel Asheville Single Clear Glass Cage Incandescent Pendant

Type:	Outdoor Pendant Light
Base/Pole:	9.5" Chain
Lamp/Bulb:	Electric Powered - 60W B10
Material:	Composite
Color:	dark oil-rubbed bronze finish
Dimensions:	9.5"w x 12.25"h
Manufacturer:	Seaside Armour
Cost:	\$79.98



E1

### Quoizel Asheville Post Light

Type:	Outdoor Post Light
Base/Pole:	Post (Post Not Included)
Lamp/Bulb:	Electric Powered - 60W B10
Material:	Composite
Color:	Dark Oil-Rubbed Bronze Finish
Dimensions:	9.5"w x 13"h x 9.5"d
Manufacturer:	Seaside Armour
Cost:	\$69.98



E1

## EXTERIOR LIGHTING FIXTURES - SCHEME B

### Portfolio Sand Black Outdoor Wall Light

Type:	Outdoor wall-mount light
Base/Pole:	Wall Mounting Hardware
Lamp/Bulb:	Electric Powered - 60 W A19
Material:	Die-cast aluminum fixture with flat glass
Color:	Black
Dimensions:	7.09"w x 14"h x 9"d
Manufacturer:	Portfolio
Cost:	\$19.98



### Portfolio Black Outdoor Pendant Light

Type:	Outdoor Pendant Lantern
Base/Pole:	n/a
Lamp/Bulb:	Electric Powered - (3) 60 W B10
Material:	Die-cast aluminum with beveled glass
Color:	Black
Dimensions:	8.43"w x 20.67"h x 8.43"d
Manufacturer:	Portfolio
Cost:	\$40.98



### Portfolio Sand Black Post Light

Type:	Outdoor Post Light
Base/Pole:	Post (Post not Included)
Lamp/Bulb:	Electric Powered - 60 W A19
Material:	Cast Aluminum
Color:	Black
Dimensions:	14.92"h x 8.07"w x 7.09"d
Manufacturer:	Portfolio
Cost:	\$19.98



## EXTERIOR LIGHTING FIXTURES - SCHEME C

### Portfolio Valdara Outdoor Wall Light

Type:	Outdoor wall-mount light
Base/Pole:	Wall Mounting Hardware
Lamp/Bulb:	Electric Powered - 60W Vintage-Filament Bulb (included)
Material:	Steel
Color:	Matte Black
Dimensions:	11.5"h x 6"w x 6.75"d
Manufacturer:	Portfolio
Cost:	\$ 49.98



### Westmore Lighting Farington Weathered Charcoal and Water Glass Pendant Light

Type:	Outdoor Pendant Lantern
Base/Pole:	n/a
Lamp/Bulb:	Electric Powered - (1) 100W bulb
Material:	Cast Aluminum
Color:	Black
Dimensions:	n/a
Manufacturer:	Portfolio
Cost:	\$81.82



### Trans Globe 69905 BK Black Nautical

Type:	Outdoor Post Light
Base/Pole:	Post (Post Not Included)
Lamp/Bulb:	Electric Powered - 60 W E26
Material:	Steel
Color:	Black
Dimensions:	19"h x 10"w x 7.09"d
Manufacturer:	n/a
Cost:	\$106.80



## SOLAR POWERED OUTDOOR POST LIGHT

### Everest Single Black Outdoor Integrated Led Solar Lamp Post Light with GS Solar LED Light Bulb

Type:	Outdoor Post Light
Base/Pole:	Post Included
Lamp/Bulb:	Solar Powered - LED Bulb Included
Material:	Cast Aluminum
Color:	Black
Dimensions:	92"h x 11"w x 11"d
Manufacturer:	Gama Sonic
Cost:	\$299.00/ ea



S1

### Stay On Whole Night 300 Lumen 77 in. Outdoor Black Solar LED Post Lamp

Type:	Outdoor Post Light
Base/Pole:	Post Included
Lamp/Bulb:	Solar Powered - LED Bulb Included
Material:	Aluminum
Color:	Black
Dimensions:	77"h x 8.8"w x 8"d
Manufacturer:	XEPA TECHNOLOGIES
Cost:	\$172.36 / each



S2

### Solar Black Outdoor Integrated LED Post Area Light (2-Pack)

Type:	Outdoor Post Light
Base/Pole:	Post Included
Lamp/Bulb:	Solar Powered - LED Bulb Included
Material:	Stainless Steel
Color:	Black
Dimensions:	10"h x 10"w x 20"d (Adjustable Height)
Manufacturer:	Ecothink
Cost:	\$53.99 / each



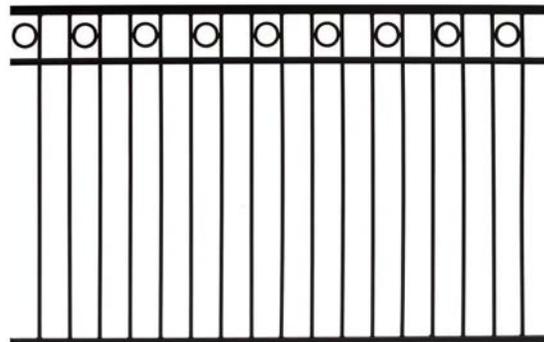
S3

# FENCING

## Gilpin Deco Fence Panel

F1

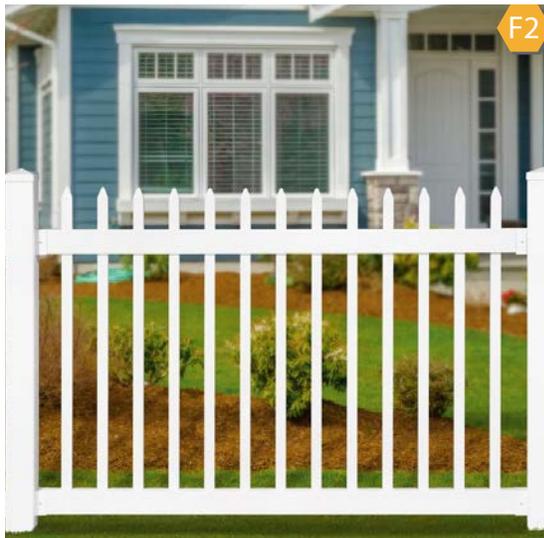
Application: Property Line / Front Fencing  
Material: Steel  
Color: Black  
Dimensions: 72"W x 42"H x 4" single spacing  
6'w panel  
Post: Post Sold Separately  
Manufacturer: Gilpin  
Cost: \$151.04 / each



## Nantucket Vinyl Picket Fence Panel

F2

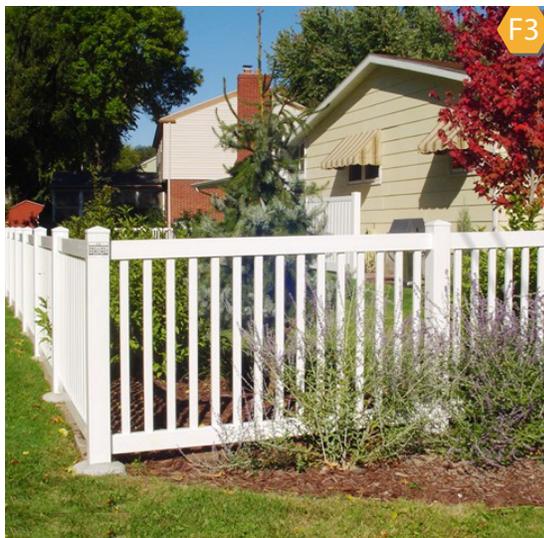
Application: Property Line / Front Fencing  
Material: Vinyl  
Color: White  
Dimensions: 72"W x 42"H  
Post: Includes Post & Anchor Kit  
Manufacturer: WamBam  
Cost: \$86.51 / each



## Colonial Ornamental Fence

F3

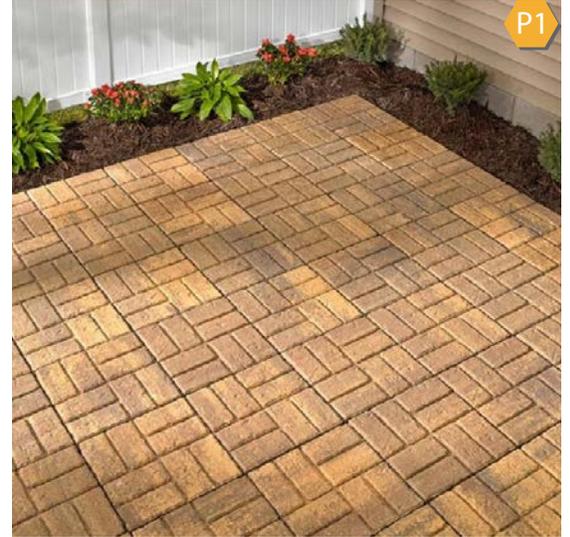
Application: Property Line / Front Fencing  
Material: Poly Vinyl  
Color: White or Tan  
Dimensions: 72"w x 42"h x 4" dingle spacing  
6'w panel  
Post: 4" x 4" (.160" Wall)  
Manufacturer: Digger Specialties Inc.  
Cost: \$151.04 / each



## PAVERS / EDGING STYLE

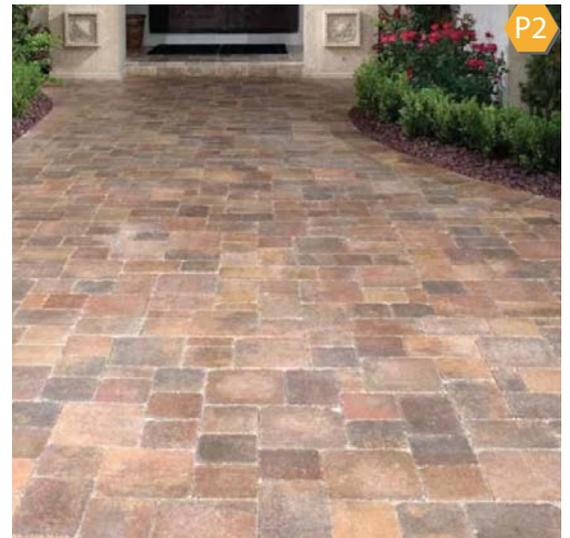
### Weathered Brickface Red Patio Stone

Application: **Patio or Walkway**  
Material: **Concrete**  
Color: **Red**  
Dimensions: **16"W x 16"L x 2"H**  
Manufacturer: **Pavestone LLC**  
Cost: **\$4.68 / each**



### Belgard Dublin Cobble Harvest Blend Paver

Application: **Patio or Walkway**  
Material: **Concrete**  
Color: **Red**  
Dimensions: **6"W x 6"L x 3"H**  
**400 pieces / palette**  
**covers 104 sq. feet**  
Manufacturer: **Belgard**  
Cost: **\$802.38 / pallet**



### Concrete

Application: **Patio or Walkway**  
Type: **?????**  
Material: **Concrete**  
Color: **Grey or Specific to Site**  
Dimensions: **Specific to Site**  
Manufacturer: **?????**  
Cost: **\$1.50 / Sq. Ft.\***  
**\*Average price of concrete - May vary by contractor**



## PAVERS / EDGING STYLE

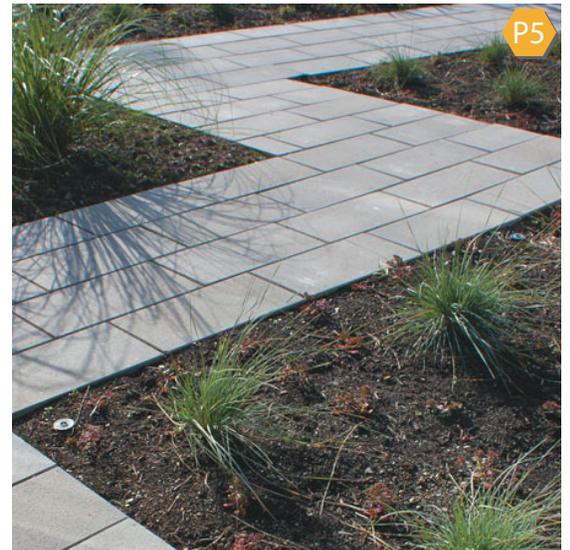
### San Juan Blend Heritage Stone Paver

Application: **Patio or Walkway**  
Material: **Concrete**  
Color: **Tan (San Juan Blend)**  
Dimensions: **132"W x 132L"h x 1.18"H panel**  
**6'w panel**  
Manufacturer: **StoneBilt Concepts**  
Cost: **\$992.28 / pallet (unit load)**



### Broadmour Interlocking Pavers

Application: **Patio or Walkway**  
Material: **Concrete**  
Color: **Grey**  
Dimensions: **24"W x 24"L x 2.375"H**  
Manufacturer: **Broadmour**  
Representative: **Kurt - 847-401-3741**  
Cost: **TBD**



### Square Gray Patio Stone

Application: **Patio or Walkway**  
Material: **Concrete**  
Color: **Grey**  
Dimensions: **16"W x 16"L x 2"H**  
Manufacturer: **Old Castle**  
Cost: **\$3.65 / each**



# Landscape & Planting Standards

## Guidelines

- Planting material shall include a low groundcover and ornamental trees spaced at approximately 20'-0" on center where appropriate.
- Site lighting is suggested and should be thoughtfully integrated into landscape beds where appropriate (Site Lighting)
- Use continuous planting strips where feasible

## Planting Principles

The design process should always be determined by the needs and desires of the user and the conditions of the site. Plantings and hardscape materials should be organized appropriately within the property line, on suggested sides of the property within the public right-of-way.

### Planting Beds - Planting Palette #1

A landscape bed with a raised decorative masonry curb, defined edge or decorative fencing will be utilized where appropriate within the right-of-way, and will include small ornamental trees and perennial landscaping. Existing landscape beds shall be generally maintained and widened where feasible to allow landscape plantings.

### Ornamental Plantings - Planting Palette #2

Ornamental planting design shall be formal in style, and shall incorporate more geometric shapes and forms into the landscape patterns. Plant groupings will be highly structured and maintain hard line edges. Simple, rhythmic patterns shall create balanced order within the suggested planting areas, and provide visual interest and ecological functionality.

### Naturalistic Plantings - Planting Palette #3

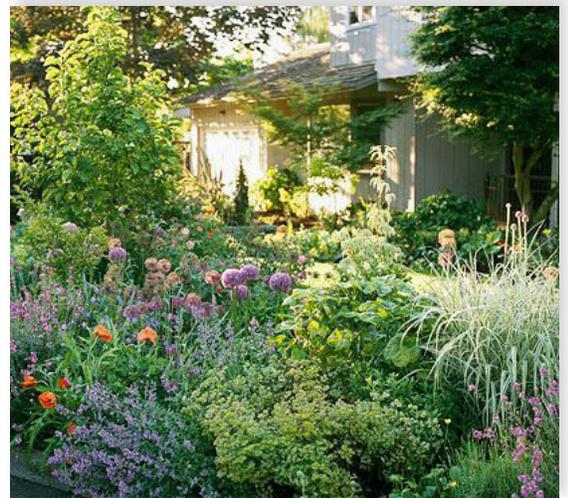
Plantings shall be characterized by informal groupings of plants, utilizing a wide range of species to encourage biodiversity. Plants shall form ecological plant communities, and can consist of a mix of hardy natives and non-native species, although native species are preferred. Plant arrangement shall focus on creating irregular yet gracious outlines to form edges, which support wildlife and provide visual interest.



*Planting Bed Example*



*Ornamental Planting Example*



*Naturalistic Planting Example*

# PLANTING PALETTE #1

## Trees:



*Picea pungens glauca*  
Colorado Blue Spruce

## Shrubs:



*Buxus 'Green Velvet'*  
Green Velvet Boxwood



*Fothergilla gardenii*  
Dwarf Fothergilla



*Rhododendron catawbiense 'Album'*  
White Catawba Rhododendron



*Taxus media 'Everlow'*  
Everlow Yew



*Thuja occidentalis 'Smaragd'*  
Emerald Green Arborvitae



*Forsythia 'Arnold's Dwarf'*  
Arnold's Dwarf Forsythia



*Festuca cinerea 'Elijah Blue'*  
Elijah Blue Fescue

## Ornamental Grasses:

## Perennials:



*Pennisetum alopecuroides 'Hameln'*  
Dwarf Fountain Grass



*Dianthus deltooides 'Helen'*  
Salmon Maiden Pink



*Dianthus 'Fire Star'*  
Fire Star Pink



*Hemerocallis 'Mini Stella'*  
Mini Stella Daylily

## Hostas:



*Liriope spicata*  
Creeping Lily Turf



*Hosta 'Patriot'*  
Patriot Hosta



*Hosta 'Royal Standard'*  
Royal Standard Hosta



*Hosta sieboldiana 'Elegans'*  
Siebold Elegans Hosta

# PLANTING PALETTE #2

## Trees:



Malus 'Red Baron'  
Red Baron Crabapple

## Shrubs:



Buxus sinica insularis 'Wintergreen'  
Wintergreen Boxwood



Cornus stolonifera 'Arctic Fire'  
Redtwig Dogwood



Rhododendron 'P.J.M. Aglo'  
P.J.M. Aglo Rhododendron



Thuja occidentalis 'Tiny Tim'  
Tiny Tim Arborvitae



Viburnum carlesii  
Koreanspice Viburnum

## Ornamental Grasses:



Miscanthus sinensis 'Adagio'  
Adagio Maiden Grass



Panicum virgatum  
Switch Grass

## Perennials:



Coreopsis verticillata 'Zagreb'  
Zagreb Coreopsis



Leucanthemum superbum 'Snowcap'  
Snowcap Shasta Daisy



Liriope muscari 'Big Blue'  
Big Blue Lily Turf



Rudbeckia fulgida 'Goldturm'  
Goldstrum Black-eyed Susan



Russian sage  
Perovskia Atriplicifolia



Salvia nemerosa "Pink Friesland"  
Pink Friesland Meadow Sage



Hemerocallis 'Pardon Me'  
Pardon Me Daylily

## Ground Cover:



Pachysandra procumbens  
Allegheny Spurge

# PLANTING PALETTE #3

## Trees:



*Cercis canadensis*  
Eastern Redbud

## Shrubs:



*Clethra alnifolia* 'Pink Spires'  
Pink Summerweet



*Hamamelis virginiana*  
Common Witch Hazel



*Viburnum juddii*  
Judd Viburnum

## Ornamental Grasses:



*Calamagrostis x acutiflora* 'Karl Foerster'  
Feather Reed Grass



*Panicum virgatum*  
Northwind Switch Grass

## Perennials:



*Echinacea purpurea*  
Purple Coneflower



*Coreopsis lanceolata* 'Sunray'  
Sunray Tickseed



*Geranium sanguineum* 'Album'  
Hardy Geranium



*Hemerocallis* 'Mary Todd'  
Mary Todd Daylily



*Iris versicolor*  
Northern Blue Flag



*Liatris spicata* 'Kobold'  
Blazing Star



*Nepeta faassenii*  
Catmint



*Salvia nemerosa* 'May Night'  
May Night Meadow Sage

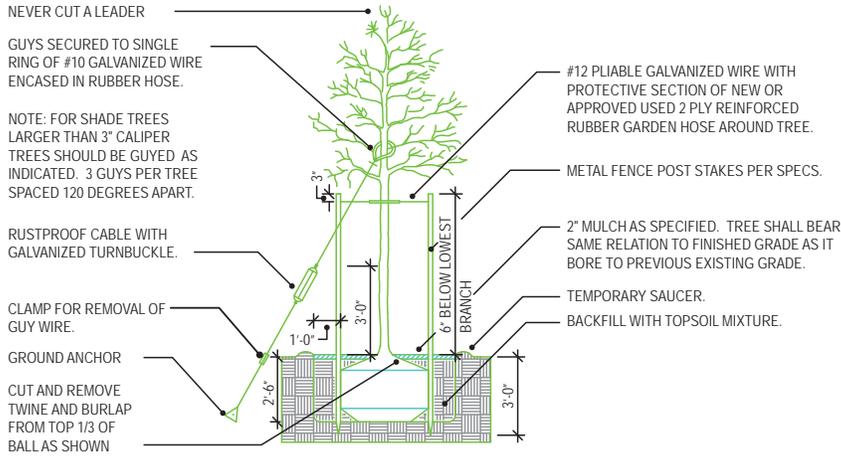


*Sedum spectabile* 'Autumn Joy'  
Autumn Joy Stonecrop



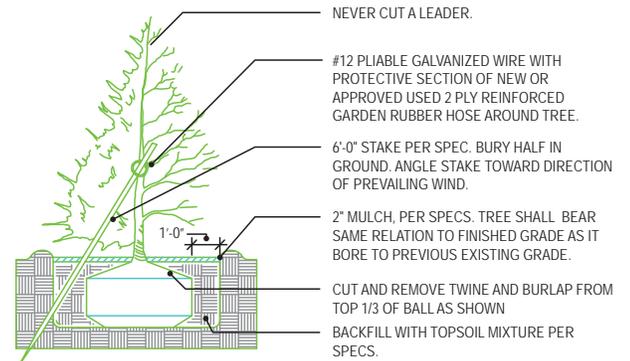
*Rudbeckia fulgida* 'Goldstrum'  
Goldstrum Black-eyed Susan

# PLANTING PLAN DETAILS & NOTES - TYPICAL



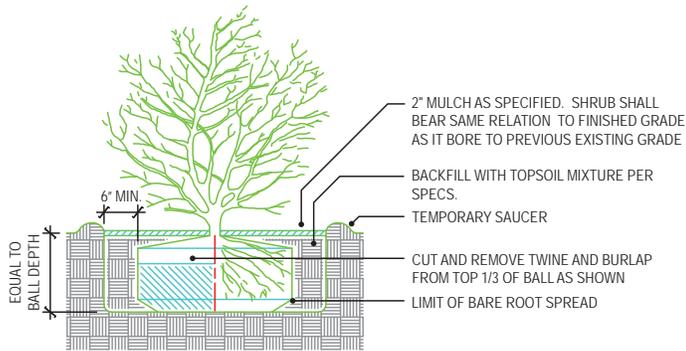
TREE PLANTING & STAKING OR GUYING DETAIL

N.T.S



EVERGREEN / SMALL FLOWERING TREE PLANTING & STAKING DETAIL

N.T.S



SHRUB PLANTING DETAIL FOR DECIDUOUS EVERGREEN & BROAD-LEAF SHRUBS

N.T.S

**NOTES:**

REVIEW ON-SITE CONDITIONS PRIOR TO SUBMITTING PROPOSAL.

ALL PLANTING AREAS SHALL RECEIVE 3" DEPTH OF SHREDDED HARDWOOD MULCH, FREE OF CORN COBS, WOOD CHIPS, GRAVEL AND CRUSHED STONE.

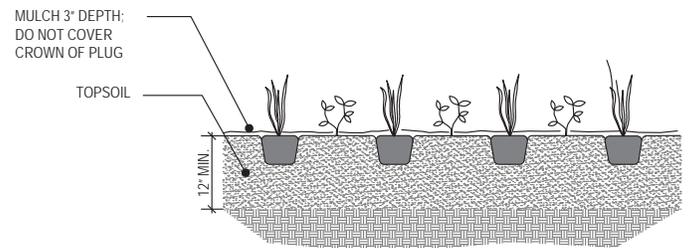
REMOVE COMPLETELY EXISTING PLANTINGS, INCLUDING STUMPS AND ROOTS PER THE DIRECTION OF THE OWNER. REMOVE ALL LAWN AREAS AFFECTED BY PLANTING OPERATIONS.

CONTRACTOR SHALL WARRANTY PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM PROJECT COMPLETION.

WATER PLANTINGS IMMEDIATELY AFTER PLANTING. WITHIN 2 DAYS AFTER PLANTING, COVER ALL PLANTING BEDS WITH HARDWOOD MULCH. REMOVE EXCESS SOIL AND DEBRIS FROM SITE RESULTING FROM PLANTING OPERATIONS. SWEEP AND HOSE DOWN PAVED SURFACES AFFECTED BY PLANTING OPERATIONS.

CONTRACTOR SHALL STAKE INDIVIDUAL TREES AND SHRUBS LOCATIONS AND OUTLINE AREAS FOR MULTIPLE HERBACEOUS PLANTINGS, ADJUST LOCATIONS WHEN REQUESTED AND OBTAIN OWNER'S ACCEPTANCE PRIOR TO PLANTING.

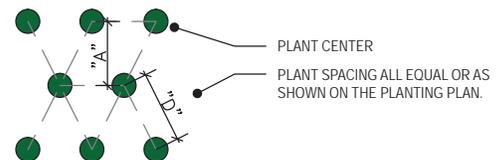
ALL PLANT ID TAGS SHALL BE REMOVED AFTER INSTALLATION.



PLUG & PERENNIAL SPACING DETAIL

N.T.S

"D"	"A"	No. OF PLANTS/SF
6" O.C.	5.2"	4.61
8" O.C.	6.93"	2.6
10" O.C.	8.66"	1.66
12" O.C.	10.4"	1.15
15" O.C.	13.0"	0.738
18" O.C.	15.6"	0.512
24" O.C.	20.8"	0.29
30" O.C.	26.0"	0.185
36" O.C.	30.0"	0.128



## LANDSCAPING MUST BE PLANTED ACCORDING TO THE DETAILS ON THIS SHEET

LANDSCAPE SUBCONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR TO FULLY UNDERSTAND WHERE ALL EXISTING, PROPOSED AND/OR RECENTLY INSTALLED UNDERGROUND UTILITIES ARE LOCATED PRIOR TO PLANTING.