COTTAGE LANDSCAPE

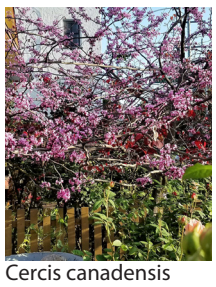
Partial Shade Exposure

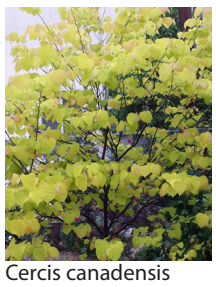


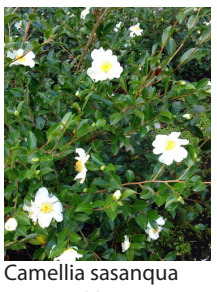
PLANT KEY

Symbol	Botanical Name / Common Name
	Cercis canadensis 'Forest Pansy' / Eastern Redbud
	Cercis canadensis 'Heart of Gold' / Eastern Redbud
	Camellia sasanqua 'Setsugekka' / Sun Camellia
	Loropetalum chinese 'Purple Diamond' / Plum Delight Fringe Flower
	Nandina domestica 'Lemon Lime' / Lemon Lime Winter Nandina
	Camellia japonica 'White Doves' / Japanese Camellia White Doves
	Nandina domestica 'Plum Passion' / Plum Passion Winter Nandina
	Cistus salviifolius 'Prostratus' / Cushion Sageleaf Rockrose
	Rosa 'Gruss An Aachen' / no common name
	Hemerocallis 'Lavender Vista' / Day Lily
	Clivia miniata 'Yellow' / Kafir Lily
	Anigozanthos flavidus 'Red Cross' / Red Cross Kangaroo Paws
	Heuchera americana 'Velvet Night' / Velvet Night Coral Bells
	Liriope muscari 'Pee Dee Gold Ingot' / Golden Monkey Grass
	Muhlenbergia capillaris / Pink Muhly
	Euphorbia 'Diamond Frost' / no common name
	Lippia nodiflora / Kurapia
	Thymus X citriodorus 'Aureus' / Lemon Gold Thyme
	Lamium maculatum 'Aureum' / Yellow Dead Nettle
	Mulch

***All projects must include a minimum of 3 plants per 100 square feet of turf removed.


Cercis canadensis 'Forest Pansy'

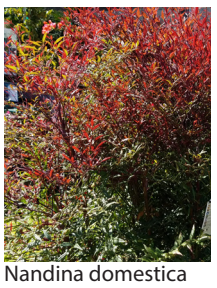

Cercis canadensis 'Heart of Gold'


Camellia sasanqua 'Setsugekka'


Loropetalum chinese 'Purple Diamond'


Nandina domestica 'Lemon Lime'

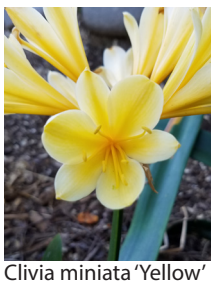

Camellia japonica 'White Doves'

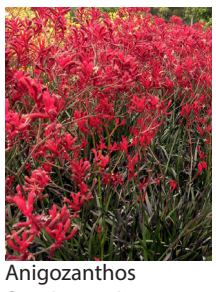

Nandina domestica 'Plum Passion'

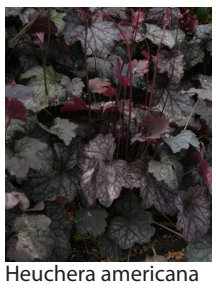

Cistus salviifolius 'Prostratus'


Rosa 'Gruss An Aachen'


Hemerocallis 'Lavender Vista'

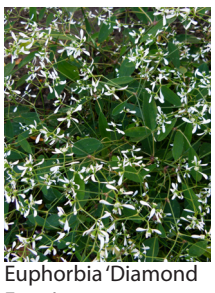

Clivia miniata 'Yellow'

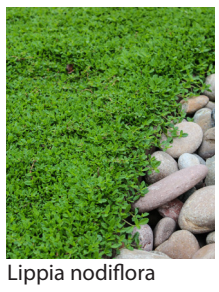

Anigozanthos flavidus 'Red Cross'

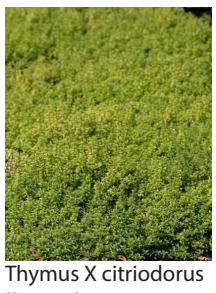

Heuchera americana 'Velvet Night'

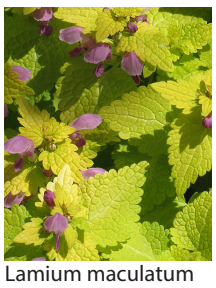

Liriope muscari 'Pee Dee Gold Ingot'


Muhlenbergia capillaris


Euphorbia 'Diamond Frost'


Lippia nodiflora


Thymus X citriodorus 'Aureus'


Lamium maculatum 'Aureum'

PLANT LEGEND

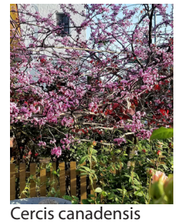
Symbol	Botanical Name / Common Name	Mature Size H x W	QTY	Water Requirement	Sun/Shade	Design Feature
	Cercis canadensis 'Forest Pansy' / Eastern Redbud	25' x 25'	2	L, M	FS, PS, S	AC, FL, FDN
	Cercis canadensis 'Heart of Gold' / Eastern Redbud	25' x 25'	1	M	FS, PS, S	AC, FL, FDN
	Camellia sasanqua 'Setsugekka' / Sun Camellia	10' x 10'	3	L, M	FS, PS	EV, FL, FA
	Loropetalum chinese 'Purple Diamond' / Plum Delight Fringe Flower	6' x 6'	15	L, M	FS, PS	EV, AC
	Nandina domestica 'Lemon Lime' / Lemon Lime Winter Nandina	6' x 6'	11	L, M	FS, PS, S	EV, FDN, AC
	Camellia japonica 'White Doves' / Japanese Camellia White Doves	6' x 6'	3	L, M	PS, S	EV, FL, FDN
	Nandina domestica 'Plum Passion' / Plum Passion Winter Nandina	6' x 3'	3	L, M	FS, PS	FL, AC
	Cistus salviifolius 'Prostratus' / Cushion Sageleaf Rockrose	3' x 6'	5	L	FS	EV, FL
	Rosa 'Gruss An Aachen' / no common name	6' x 6'	9	L, M	FS, PS	FA, FL
	Hemerocallis 'Lavender Vista' / Day Lily	3' x 3'	45	M	FS, PS	EV, FA, FL
	Clivia miniata 'Yellow' / Kafir Lily	3' x 3'	23	L, M	PS, S	EV, FL, FDN
	Anigozanthos flavidus 'Red Cross' / Red Cross Kangaroo Paws	6' x 3'	36	L	FS, PS	EV, FL, FDN, AC
	Heuchera americana 'Velvet Night' / Velvet Night Coral Bells	3' x 3'	38	L, M	PS, S	EV, FL, FDN
	Liriope muscari 'Pee Dee Gold Ingot' / Golden Monkey Grass	3' x 3'	26	L, M	FS, PS, S	EV, FL
	Muhlenbergia capillaris / Pink Muhly	3' x 3'	13	M	FS, PS	EV, FDN, AC
	Euphorbia 'Diamond Frost' / no common name	3' x 3'	15	L, M	FS, PS, S	EV, FL, FDN
	Lippia nodiflora / Kurapia	2" x spreading	2 trays	L	FS, PS	EV, GC
	Thymus X citriodorus 'Aureus' / Lemon Gold Thyme	1' x spreading	optional spacing	L, M	FS, PS	GC
	Lamium maculatum 'Aureum' / Yellow Dead Nettle	6" x spreading	optional spacing	L, M	PS, S	EV, GC, FL

KEY

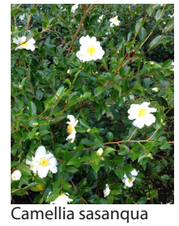
Water Requirement
VL = Very Low
L = Low
M = Moderate

Sun/Shade
FS = Full Sun
PS = Partial Shade
S = Shade

Design Feature
AC = Accent
EV = Evergreen
FA = Fall Color
FDN = Foundation Plant
FL = Flower
FR = Fruit
GRS = Ornamental Grass
GC = Ground Cover


Cercis canadensis 'Forest Pansy'


Cercis canadensis 'Heart of Gold'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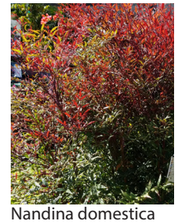
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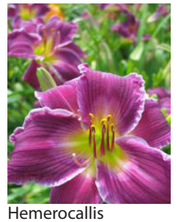
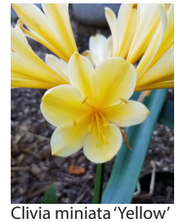
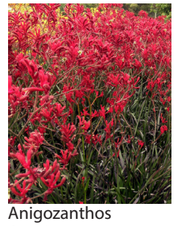
Rosa 'Gruss An Aachen'


Hemerocallis 'Lavender Vista'


Clivia miniata 'Yellow'


Anigozanthos flavidus 'Red Cross'


Heuchera americana 'Velvet Night'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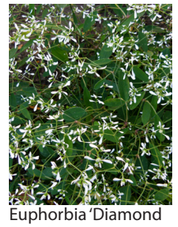

Euphorbia 'Diamond Frost'

SUSTAINABILITY LEGEND


Dry Riverbed


Rain Barrel

***All Turf Removal Program projects must include a minimum of 3 plants per 100 square feet of turf removed and at least one approved sustainability feature. Refer to the MWDOC Turf Removal Program's website for more information.

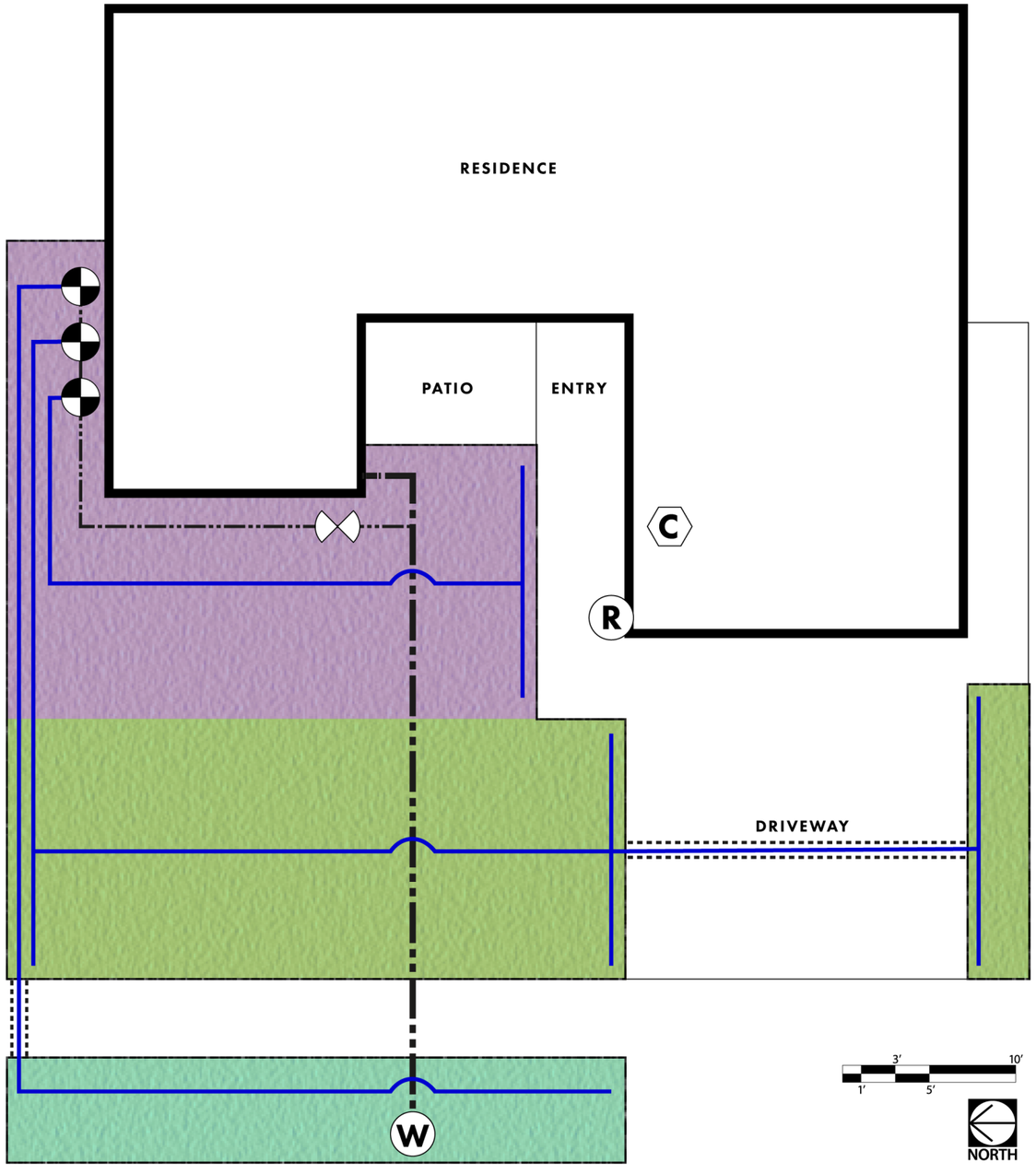
COTTAGE LANDSCAPE

Partial Shade Exposure

EcoTechServices, Inc.

MWDOC

SUBSURFACE DRIP IRRIGATION PLAN



IRRIGATION SYMBOL LEGEND

- C — New or Existing Smart Irrigation Controller
- R — New or Existing Rain Shutoff Device
- W — Existing Water Meter
- Existing Anti-Siphon Irrigation Control Valve w/ In-line Filter and Pressure Reducer (30 psi)
- Existing Ball Valve to Isolate Irrigation System
- Existing Irrigation Mainline
- New or Existing Irrigation Lateral Line
- New or Existing Pipe Sleeve Underneath Hardscape
- Existing House Water Service Line
- Zone 1 - Partial Shade Foundation Subsurface Drip Irrigation
- Zone 2 - Partial Shade Landscape Subsurface Drip Irrigation
- Zone 3 - Partial Shade Landscape Subsurface Drip Irrigation

Smart Irrigation Controller

There are many different smart controllers on the market that are excellent for residential applications. Price points vary but features can include local weather data and adjustments, rain shut-off, Wi-Fi connectivity, access from a smart phone, and detailed water-use reporting.



Anti-Siphon Irrigation Control Valve

Above-ground, install drip filter and pressure regulator on downstream outlet side.



In-line Filter for Drip Line

Internal screen/mesh prevents clogging of drip components. Install downstream of valve.



Pressure Reducer

Pressure reduced to 30 psi for proper operation of drip system. Install downstream of filter..



Subsurface Drip Line

Emitters are built or fused into the drip tube (in-line) and spaced at different intervals such as 6, 12, and 18 inches.





Rain Sensor (Wireless)

Rain sensor with bracket installed on outdoor exposed location. Transmits to receiver near irrigation controller..

COTTAGE LANDSCAPE

Partial Shade Exposure

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