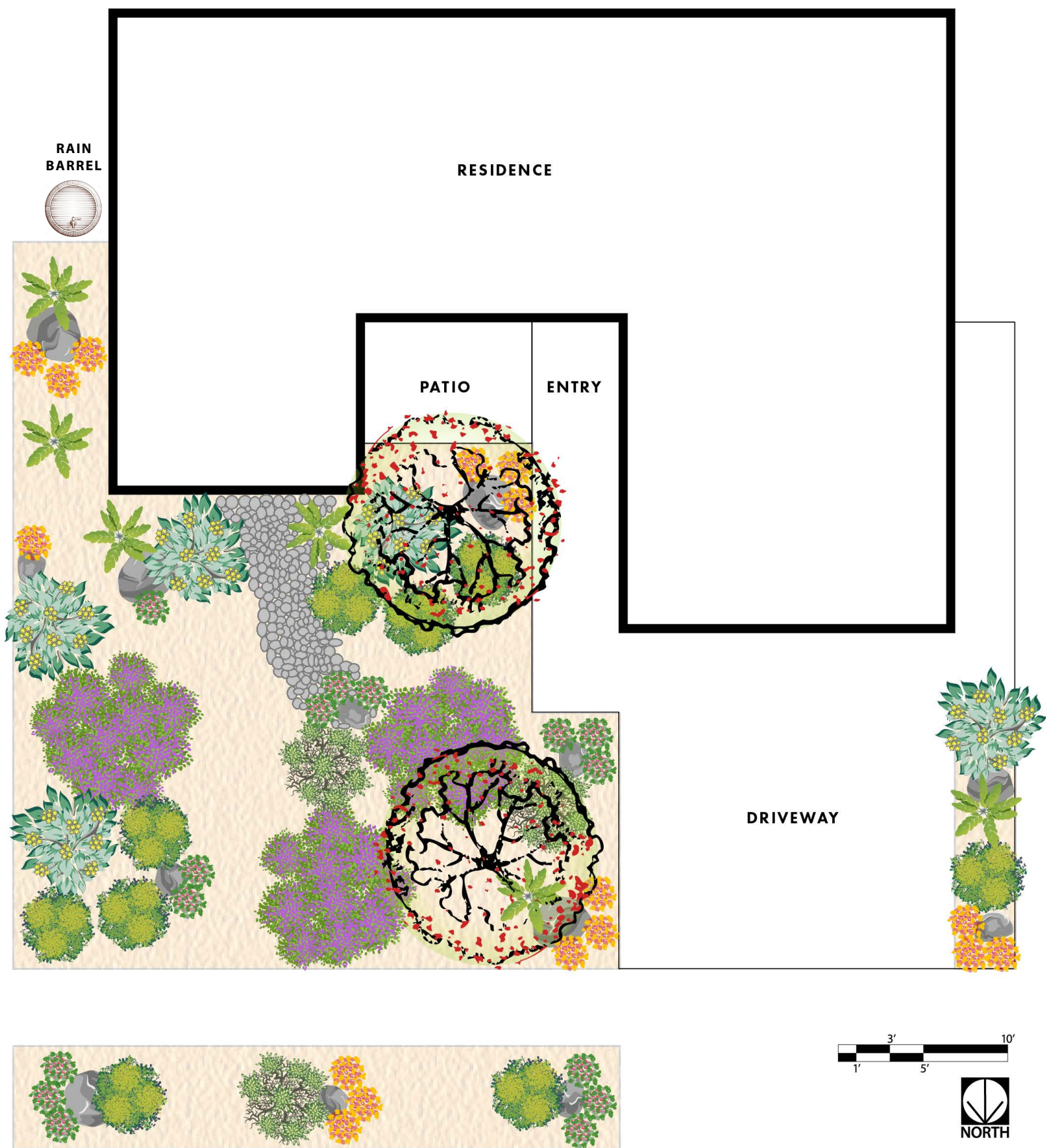











ORANGE COUNTY FRIENDLY LANDSCAPE

Shade Exposure



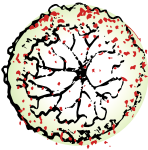
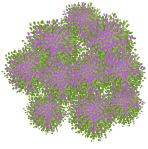

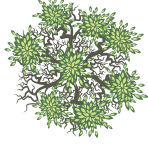
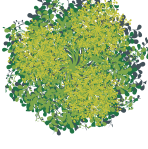

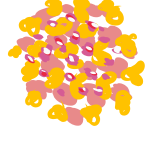
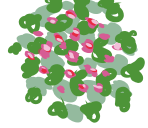
PLANT KEY

Symbol	Botanical Name / Common Name
	<i>Rhamnus californica</i> / Coffeeberry
	<i>Lantana montevidensis</i> / Trailing Lantana
	<i>Mahonia aquifolium</i> / Oregon Grape
	<i>Artemisia 'Montara'</i> / Island Sagebrush
	<i>Pittosporum tobira</i> 'Wheeler's Dwarf'
	<i>Microlepia stigosa</i> / Lace Fern
	<i>Heuchera 'Dolce Peach Melba'</i> / Coral Bells
	<i>Bergenia 'Eroica'</i> / no common name
	Mulch



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

PLANT LEGEND

Symbol	Botanical Name / Common Name	Mature Size H x W	QTY	Water Requirement	Sun/Shade	Design Feature
	Rhamnus californica / Coffeeberry	15' x 15'	2	L	FS, PS, S	EV, FL
	Lantana montevidensis / Trailing Lantana	2' x 10'	3	L	FS, PS, S	EV, FL
	Mahonia aquifolium / Oregon Grape	6' x 6'	5	L	FS, PS, S	EV, FL
	Artemisia 'Montara' / Island Sagebrush	2' x 4'	3	L	FS, PS, S	AC, EV, GC
	Pittosporum tobira 'Wheeler's Dwarf'	3' x 5'	9	L	FS, PS, S	EV, FL
	Microlepia stigosa / Lace Fern	24" x 4'	6	L	PS, S	AC, EV
	Heuchera 'Dolce Peach Melba' / Coral Bells	2' x 2'	16	L	PS, S	EV, FL
	Bergenia 'Eroica' / no common name	18" x 18"	12	L	PS, S	EV, 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



Rhamnus californica



Lantana montevidensis



Mahonia aquifolium



Artemisia 'Montara'



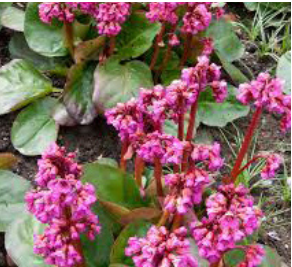
Pittosporum tobira
'Wheeler's Dwarf'



Microlepia stigosa



Heuchera 'Dolce Peach Melba'



Bergenia 'Eroica'

SUSTAINABILITY LEGEND



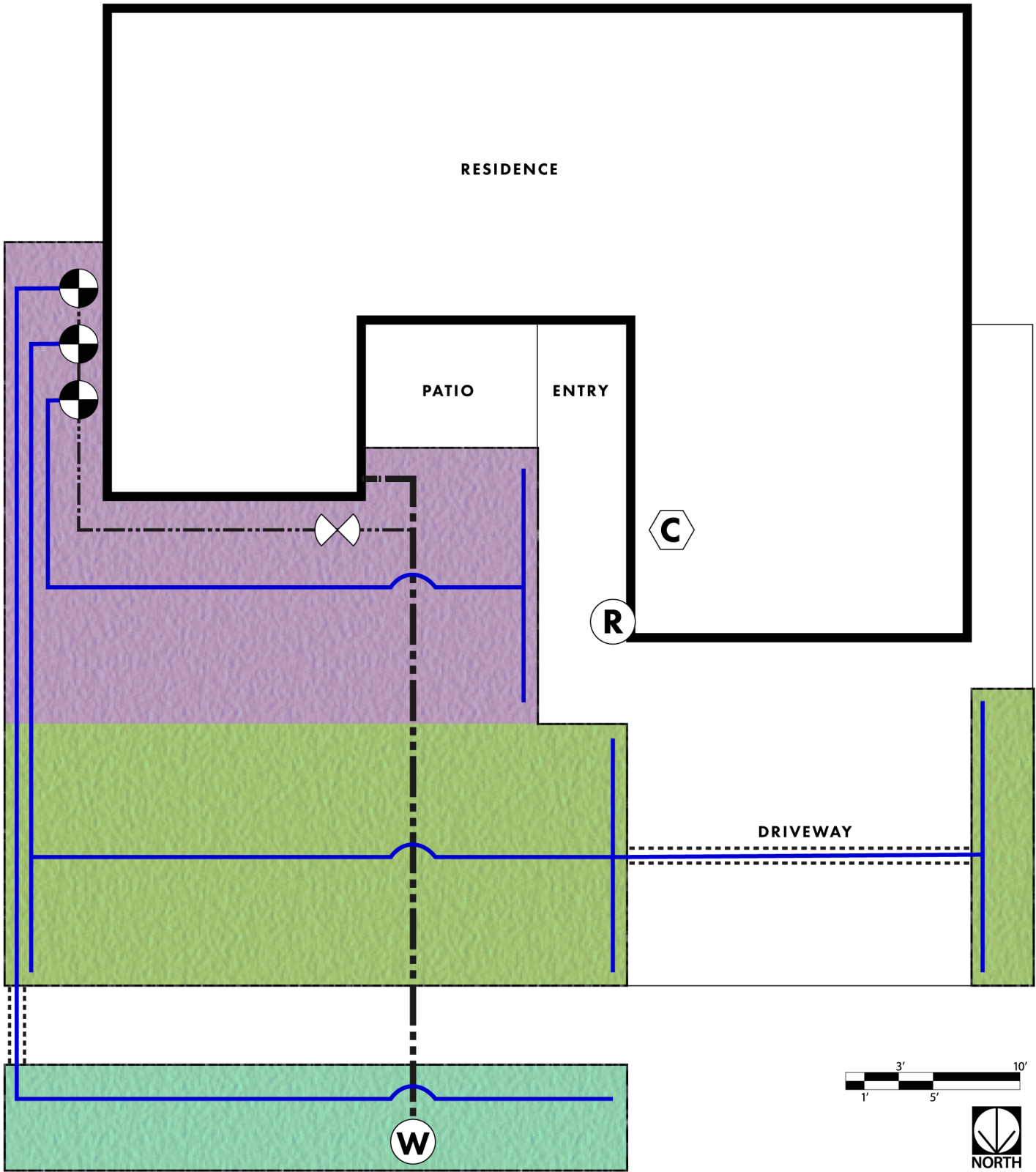
Dry Riverbed



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.

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 - Shade Foundation Subsurface Drip Irrigation
- Zone 2 - Shade Landscape Subsurface Drip Irrigation
- Zone 3 - 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..