



City of Westminster Planting Strip Landscape Templates



WESTMINSTER
COLORADO

1	Index + Project Team
2	Preface
3	Welcome + Program Introduction
4	Benefits for Adoption
5	Landscape Template Overview
6	Template Decision Tree
7	City Provided Assistance
8	Program Process Overview
9 - 10	Landscape Template Street Scene
11 - 22	Landscape Templates
23 - 28	Landscape Template Technical Plans
29 - 30	Additional Reference & Invasive Weeds



City of Westminster

Stephanie Ashmann, AICP,
QWEL

Senior Planner, Landscape
and Conservation

Drew Beckwith
Senior Water Resource Analyst

Bret Eastberg
Reclaimed Systems
Coordinator

DTJ Design

Greg White, RLA, SITES
Principal

Geoffrey Van de Riet, ASLA
Senior Associate

Imagery

Acknowledgments

Plant Select

Great Plains Nursery

Old Air Nursery

High Country Gardens

UNC Health

Upgrade your street landscape!

If you are curious about transforming your existing landscape planting strip to a waterwise landscape, you probably have your own specific reason, and there are many good reasons to do so, including:

- Long Term Water Savings
- Beneficial to Pollinators and the Environment
- Long Term Cost & Energy Savings
- Physical & Mental Health Wellness

This document outlines the benefits of changing your street-side landscape, describes the application process, and provides several ready-made landscape templates to simplify the conversion process.

The graphics contained in the document intended to show scale, plant type, and general arrangements of materials for each template. Plant availability and market conditions may require variations as needed.

What is a landscape planting strip?

A landscape planting strip is the space between the street curb and sidewalk that is intended to be planted with trees, shrubs, or other groundcover.



Sustainable and environmentally friendly landscapes requiring reduced maintenance versus typical turf lawn landscape



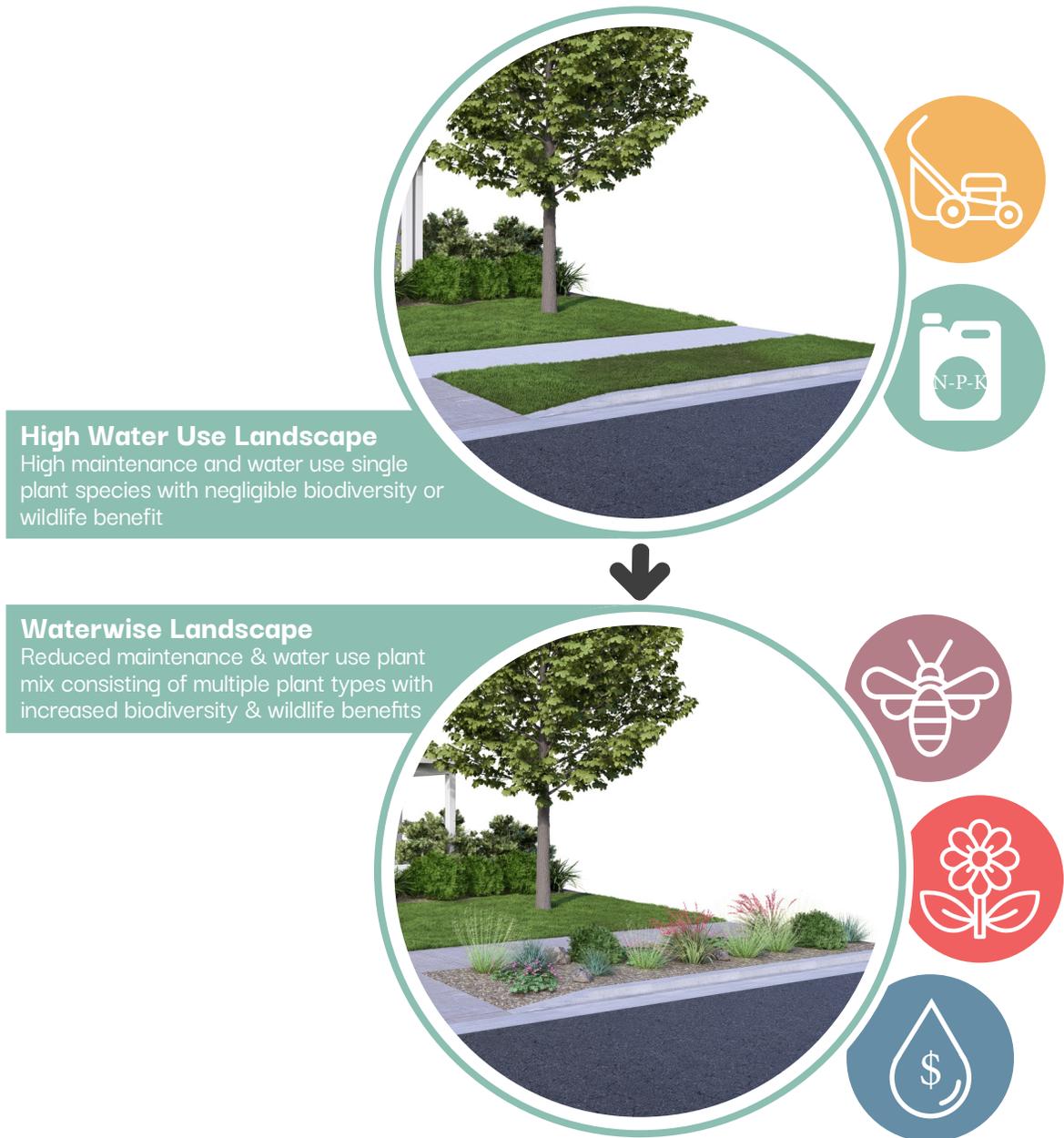
Public Right-of-Way landscapes can be colorful, provide multi season interest, and are beneficial to pollinators

Welcome - we're glad you're here!

Westminster residents have been curious about changing their existing turf planting strip to a waterwise landscape. If you have been considering a turf conversion you are in the right place!

Many residents have already converted their private lawns to a waterwise landscape, but some have been limited in changing the landscape planting strip due to HOA regulations and/or requirements outlined in their community's Official Development Plan (ODP) filed with the City. Staff has recognized this growing demand for turf transformations and has created this document and landscape templates to help remove barriers to the process. This document has been designed to assist HOAs and contractors to easily navigate all aspects of the project and steps involved.

In addition to the information contained within this document, City Staff is readily available to assist HOAs and contractors through the process to provide an extra layer of support.



Welcome + Program Introduction



Reduced Environmental Impact

Waterwise plant material requires only seasonal maintenance and reduced need for chemicals



Long Term Cost & Energy Savings

Switch from weekly to a seasonal maintenance program will allow for cost and energy reductions



Increased Visual Continuity
Predictable visual continuity along private and public landscapes and neighborhood street scene

Long Term Water Savings
Waterwise plant material is adapted to the Front Range environment and requires little supplemental watering



Provides Habitat for Pollinators
Diverse mix of plant material creates habitat for beneficial pollinators contributing to a healthier ecosystem



Physical & Mental Health Wellness
Interactions with nature provide improved physical fitness, cognitive function, and decreased stress levels

Benefits for Adoption

There's a Template for everyone!

Is the lawn area that you want to convert in full sun or part shade? Do you prefer colorful flowering perennials, multi-season textural grasses, or a mix of both? No matter your preferences, there's a Landscape Template to suit your individual site conditions and personal aesthetic.

If you aren't quite certain which is appropriate for you, the following page includes a decision tree to help find the Template best suited for your property.

Landscape Template 1
Consists of layered, waterwise clump grasses and multi seasonal interest and color provided by perennials and groundcover accents; pinks, purples & blue hues mix softly with grasses





Landscape Template 2
Consists of mixed waterwise clump grasses with grass-like accents, complimented by small textural shrubs and rich pink groundcover blooms; simple mix with strong grasses throughout the year

Landscape Template 5
Consists of simple part shade tolerant mix of low shrubs for texture, and upright perennials for accents; small perennial accents will fill in the edges while occasional shrubs add volume





Landscape Template 6
Consists of shade tolerant low growing shrubs and groundcovers; a mix of low subtle blooms will provide seasonal color while the evergreen foliage provides year-round presence

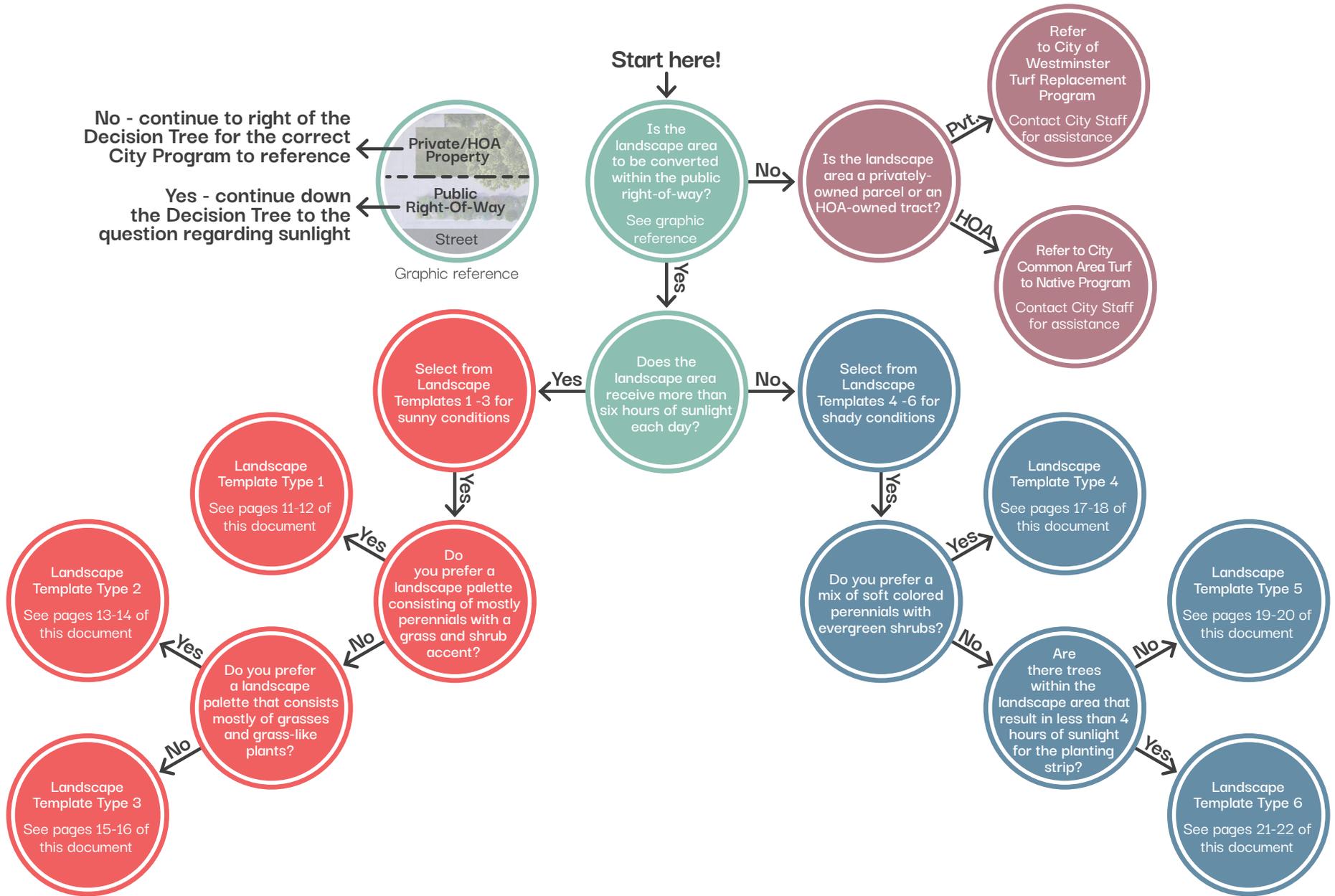
Landscape Template 3
Consists of mixed color foliage clump grasses with full summer purple/pink perennial blooms; shrubby perennials and small shrubs hold their form throughout the year with fragrant bonus





Landscape Template 4
Consists of low evergreen accent with mixed white and purple perennial color; several shrubs add texture and blooms in the summer and fall to compliment the perennials

Landscaping Template Overview



Template Decision Tree

City staff is here to help you!

Amending your community's Official Development Plan (ODP) does not need to be overwhelming or a complex task. Westminster staff has the time and resources to assist you from the beginning to the end of the process.

The process begins by sending the City a Letter of Interest so that City Staff can understand your intentions and conceptual idea. Staff will then schedule a follow-up with you to help refine the project, assist in selecting the appropriate landscape template, and support in preparation of an amendment to your community's ODP.

The following page includes a visual outline of the five steps of the landscape planting strip transformation program.

And remember, just by reviewing this document you are well prepared to have a meaningful conversation with City Staff!



The City of Westminster has allocated City Staff and additional resources to assist you through this program

Requires only a single page document to complete the Minor ODP Amendment and start landscape installation

AMENDED OFFICIAL DEVELOPMENT PLAN
A PLANNED UNIT DEVELOPMENT
IN THE CITY OF WESTMINSTER,
COUNTY OF _____ STATE OF COLORADO
SHEET 1 OF 1

PURPOSE OF AMENDMENT:
TO ALLOW THE REMOVAL OF HIGH HYDROZONE LANDSCAPE PLANT MATERIAL & REPLACE WITH LOW HYDROZONE LANDSCAPE PLANT MATERIAL BY USE OF THE PUBLIC RIGHT-OF-WAY LANDSCAPE TEMPLATES AS PROVIDED BY THE CITY OF WESTMINSTER.

FULL FORCE AND EFFECT STATEMENT:
ALL PROVISIONS OF THE ORIGINAL ODP AS RECORDED ON ___/___/___ AT RECEPTION NO. ___ AND SUBSEQUENT ODP AMENDMENTS SHALL REMAIN IN FULL FORCE AND EFFECT, EXCEPT AS NOTED HEREIN.

LANDSCAPE NOTES:

- ALL LANDSCAPING SHALL BE IN CONFORMANCE WITH CITY OF WESTMINSTER LANDSCAPE MANUAL FOR PRIVATE DEVELOPMENT, 2025.
- LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A LIVING CONDITION BY THE RESPECTIVE OWNER. ALL LANDSCAPE IMPROVEMENTS/MATERIALS MUST HAVE A 100% ONGOING SURVIVAL RATE. ANY DEAD OR DAMAGED PLANT MATERIAL (AS DETERMINED BY THE CITY), SHALL BE REPLACED WITHIN 6 MONTHS OF NOTIFICATION BY THE CITY. ALL LANDSCAPE IMPROVEMENTS / MATERIALS MUST BE MAINTAINED AS REQUIRED BY THE LANDSCAPE REGULATIONS AND THIS OFFICIAL DEVELOPMENT PLAN.
- SOIL AMENDMENT SHALL INCLUDE BLEND OF NATIVE SOIL, COMPOST FILLED TO 8" DEPTH (SHALL NOT CONTAIN HUMAN OR ANIMAL WASTE), (3 CU YD / 1,000 SQ FT) AND DRAINAGE ROCK (SQUEEGEE, 2" DEPTH).
- NO TREE OR SHRUB SHALL BE PLANTED WITHIN 5' OF FIRE HYDRANT.
- PROTECT EXISTING TREES AND TREE ROOTS.
- PLANTING AREAS SHALL BE SEPARATED FROM SOD BY ROLLED TOP METAL EDGER.
- ALL PLANTING AREAS SHALL BE MULCHED WITH MINIMUM 3" DEPTH, 1"-1 1/2" ROCK MULCH. LARGER SIZE IS ALLOWABLE PER TEMPLATES.
- LANDSCAPE WEED FABRIC IS NOT RECOMMENDED.

LANDSCAPE TEMPLATE SELECTION:

<input type="checkbox"/> TYPE 1	<input type="checkbox"/> TYPE 4
<input type="checkbox"/> TYPE 2	<input type="checkbox"/> TYPE 5
<input type="checkbox"/> TYPE 3	<input type="checkbox"/> TYPE 6

IRRIGATION NOTES:

- ALL LANDSCAPE IRRIGATION SHALL BE IN CONFORMANCE WITH LANDSCAPE REGULATIONS AND LANDSCAPE MANUAL, 2025.
- LANDSCAPE PLANTINGS SHALL BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM PER CITY OF WESTMINSTER LANDSCAPE MANUAL FOR PRIVATE DEVELOPMENT, 2025.
- AUTOMATIC IRRIGATION SYSTEMS SHALL BE MAINTAINED AND PERIODICALLY ADJUSTED TO ASSURE WATERING EFFICIENCY AND CONSERVATION METHODS. IRRIGATION SHOULD NOT OCCUR BETWEEN THE HOURS OF 10 A.M. AND 6 P.M. IN ORDER TO REDUCE EVAPORATION. EXCESSIVE WATER RUN OFF, AS DETERMINED BY THE CITY, IS NOT PERMITTED.
- A IRRIGATION PLAN DRAWING AND/OR INTENT SHALL BE SUBMITTED TO THE CITY OF WESTMINSTER FOR REVIEW AND APPROVAL PRIOR TO APPROVAL OF MINOR ODP AMENDMENT.

CITY INSPECTION NOTES:

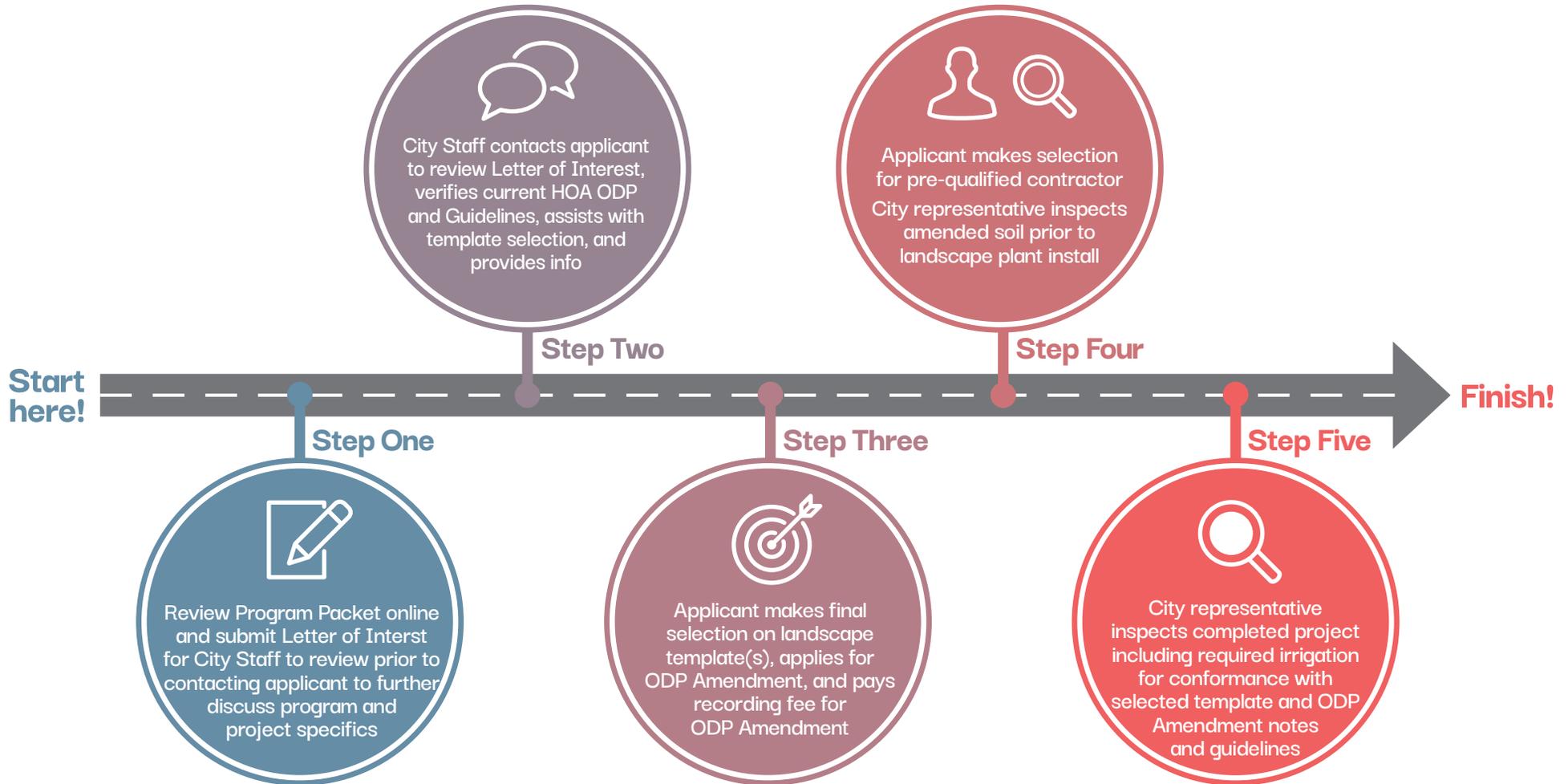
- PRIOR TO THE INSTALLATION OF LANDSCAPE PLANT MATERIAL, CITY INSPECTOR SHALL REVIEW AND APPROVE SOIL AMENDMENT (REFER TO LANDSCAPE NOTE 3, THIS SHEET).
- PRIOR TO ISSUANCE OF A PASSED INSPECTION, CITY INSPECTOR SHALL REVIEW AND APPROVE INSTALLED LANDSCAPE AND IRRIGATION TO VERIFY CONFORMANCE WITH SELECTED LANDSCAPE TEMPLATE, NOTES, AND GUIDELINES.

DATE: _____
REVISION: _____
SHEET TITLE: _____
COVER SHEET
SHEET NUMBER: _____
1 OF 1

CITY PROJECT NO. _____

PLANTING STRIP LANDSCAPE TEMPLATES

City Provided Assistance



The landscape planting strip transformation program can be completed in the five steps outlined above and with assistance from City of Westminster Staff.

Program Process Overview

Landscape Template Street Scene for Sunny Conditions



Type 1 Landscape

Type 2 Landscape

Templates 1, 2, and 3 Overview Layered, waterwise, full sun tolerant mix with multi seasonal interest and seasonal color provided by shrubs, perennials, and clump grasses.

Signature Plants



Blonde Ambition Blue Grama
Bouteloua gracilis
'Blonde Ambition'



Hardy Plumbago
Ceratostigma plumbagionides

Landscape Template Street Scene for Shady Conditions



Type 4 Landscape

Type 5 Landscape

Templates 4, 5, and 6 Overview Layered, waterwise, shade tolerant mix with multi seasonal interest and seasonal color provided by shrubs, perennials, and clump grasses.

Signature Plant



Panchito Manzanita
Arctostaphylos coloradoensis panchito

Landscape Template Street Scene for Sunny Conditions



Type 2 Landscape

Templates 1, 2, and 3 Overview Layered, waterwise, full sun tolerant mix with multi seasonal interest and seasonal color provided by shrubs, perennials, and clump grasses.

Type 3 Landscape

Signature Plants



Blonde Ambition Blue Grama
Bouteloua gracilis
'Blonde Ambition'



Hardy Plumbago
Ceratostigma plumbagionides

Landscape Template Street Scene for Shady Conditions



Type 5 Landscape

Templates 4, 5, and 6 Overview Layered, waterwise, shade tolerant mix with multi seasonal interest and seasonal color provided by shrubs, perennials, and clump grasses.

Type 6 Landscape

Signature Plant



Panchito Manzanita
Arctostaphylos coloradoensis panchito

Type 1 Landscape Template Sunny Pollinator Mix

Template mix consists of layered, waterwise clump grasses with multi seasonal interest and seasonal color provided by perennials and groundcover accents. Pinks, purples and blue hues mix softly with grasses and yellow accents. Leave foliage through winter for seasonal interest and habitat for pollinators. Cut back grasses and perennials to 6" above ground level in early spring.

Plant Type Distribution Perennial Grass Shrub **40 Total**

Plant Matrix Exposure  **Full Sun**

Plant Matrix Water Needs  **Dry - Xeric**

Plant Color Mix 



Type 1 Landscape

Type 1 Landscape Palette

Signature plants 



Blonde Ambition Blue Grama
Bouteloua gracilis
 'Blonde Ambition'
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 30" - 36"
 📏 **Height:** 30" - 36"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Mid to Late Summer



Hardy Plumbago
Ceratostigma plumbagionides
 💧 **Water Use:** Dry
 🌿 **Spread:** 18" - 24"
 📏 **Height:** 8" - 12"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Mid to Late Summer



Sunset Hyssop
Agastche rupestris
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 16" - 20"
 📏 **Height:** 20" - 24"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Summer



Chocolate Flower
Berlanderia lyrata
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 12" - 20"
 📏 **Height:** 12" - 20"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Late Spring - Summer



Leadplant
Amorpha canescens
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 36"
 📏 **Height:** 24" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Summer



Tennessee Coneflower
Echinacea tennesseensis
 💧 **Water Use:** Moderate - Dry
 🌿 **Spread:** 16" - 18"
 📏 **Height:** 18" - 24"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Summer



Type 1 Landscape Plan (not to scale)



Type 1 Landscape Perspective from Street

Type 2 Landscape Template Sunny Foothills Grass Mix

Template mix consists of mixed waterwise clump grasses with grass-like accents, complimented by small textural shrubs and rich pink groundcover blooms. Simple mix will be strong looking with dominate grasses through the year.

Leave foliage through winter for seasonal interest and habitat for pollinators. Cut back grasses and perennials to 6" above ground level in early spring.

Plant Type Distribution Perennial Grass Shrub **22 Total**

Plant Matrix Exposure ☁️.....☁️☀️.....☀️ **Full Sun**

Plant Matrix Water Needs 💧💧💧💧 **Dry - Xeric**

Plant Color Mix ●●●●●



Type 2 Landscape

Type 2 Landscape Palette

Signature plant



Blonde Ambition Blue Grama
Bouteloua gracilis
 'Blonde Ambition'
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 30" - 36"
 🌿 **Height:** 30" - 36"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Mid - Late Summer



Winecups
Callirhoe involucrata
 💧 **Water Use:** Moderate - Xeric
 🌿 **Spread:** 48" - 60"
 🌿 **Height:** 8" - 12"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Spring to Hard Frost



Dwarf Rabbitbrush
Ericameria nauseosa
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 36"
 🌿 **Height:** 12" - 36"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Late Summer - Fall



Blue Avena Grass
Helictotrichon sempervirens
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 48"
 🌿 **Height:** 24" - 48"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Mid - Late Summer



Red Yucca
Hesperaloe parviflora
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 18" - 24"
 🌿 **Height:** 36" - 48"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Summer - Early Fall



Type 2 Landscape Plan (not to scale)



Type 2 Landscape Perspective from Street

Type 3 Landscape Template Sunny Year-round Fragrant Mix

Template mix consists of mixed color foliage clump grasses with full summer purple and pink perennial blooms. Shrubby perennials and small shrubs will hold their form throughout the year with bonus of fragrant lavender and hyssop.

Leave foliage through winter for seasonal interest, habitat for pollinators. Cut back grasses and perennials to 6" above ground level in early spring. Hard prune lavender in spring for blooms.



Type 3 Landscape

Type 3 Landscape Palette

Signature plant



Blonde Ambition Blue Grama
Bouteloua gracilis 'Blonde Ambition'
 ☹️ **Water Use:** Dry
 🌿 **Spread:** 30" - 36"
 🌿 **Height:** 30" - 36"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Mid - Late Summer



Blaze Little Bluestem
Schizachyrium scoparium 'Blaze'
 ☹️ **Water Use:** Moderate - Xeric
 🌿 **Spread:** 15" - 18"
 🌿 **Height:** 24" - 36"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Late Summer - Fall



Candy™ Coralberry
Symphoricarpos x doorenbosii 'Kolmcan'
 ☹️ **Water Use:** Moderate - Dry
 🌿 **Spread:** 30" - 36"
 🌿 **Height:** 24" - 30"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Late Summer - Fall



Sonoran Sunset Hyssop
Agastache cana 'Sinning'
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 16"
 🌿 **Height:** 16"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Mid Summer - Frost



Hidcote Lavender
Lavandula angustifolia 'Hidcote'
 ☹️ **Water Use:** Moderate - Dry
 🌿 **Spread:** 18" - 24"
 🌿 **Height:** 18" - 24"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Summer



Little Trudy Catmint
Nepeta 'Psfike' PP 18,904
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 12" - 14"
 🌿 **Height:** 8" - 14"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Late Spring - Fall



Type 3 Landscape Plan (not to scale)



Type 3 Landscape Perspective from Street

Type 4 Landscape Template Soft Color Casual Mix

Template mix consists of low evergreen accent with mixed white and purple perennial color. Several shrubs will add texture, blooms in summer, fall to compliment perennials. Leave foliage through winter for seasonal interest and habitat for pollinators. Cut back grasses and perennials to 6" above ground level in early spring. Allow the shrubs to grow freely with cane pruning to keep desired shape but don't shear.



Type 4 Landscape

Type 4 Landscape Palette

Signature plant



Panchito Manzanita
Arctostaphylos x coloradoensis
 'Panchito'
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 30"
 📏 **Height:** 24" - 36"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Late Spring - Summer



Blue Avena Grass
Helictotrichon sempervirens
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 48"
 📏 **Height:** 24" - 48"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Late Summer to Fall



Low Scape Mound®
Aronia melanocarpa
 ☹️ **Water Use:** Moderate
 🌿 **Spread:** 18" - 36"
 📏 **Height:** 18" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Spring - Fall



La Veta Lace Geranium
Geranium magniflorum
 'P013S'
 ☹️ **Water Use:** Dry
 🌿 **Spread:** 18" - 24"
 📏 **Height:** 6" - 10"
 ☀️ **Exposure:** Full - Part Sun
 🌸 **Bloom:** Late Spring - Summer



Prairie Jewel® Penstemon
Penstemon grandiflorus 'P010S'
 ☹️ **Water Use:** Moderate - Xeric
 🌿 **Spread:** 10" - 16"
 📏 **Height:** 20" - 36"
 ☀️ **Exposure:** Full Sun
 🌸 **Bloom:** Early Summer



Dwarf Cranberrybush
Viburnum opulus 'Nanum'
 ☹️ **Water Use:** Moderate
 🌿 **Spread:** 24" - 36"
 📏 **Height:** 18" - 24"
 ☀️ **Exposure:** Full - Part Sun
 🌸 **Bloom:** Summer



Type 4 Landscape Plan (not to scale)



Type 4 Landscape Perspective from Street

Type 5 Landscape Template Colorful Partial Shade Mix

Template consists of simple part shade tolerant mix of low shrubs for texture and upright perennials for accents. Small perennial accents will fill in the edges while occasional shrubs add volume.

Leave foliage through winter for seasonal interest and habitat for pollinators. Cut back grasses and perennials to 6" above ground level in early spring.

Plant Type Distribution Perennial Grass Shrub **29 Total**

Plant Matrix Exposure **Part Shade**

Plant Matrix Water Needs **Dry - Xeric**

Plant Color Mix



Type 5 Landscape

Type 5 Landscape Palette

Signature plant



Panchito Manzanita
Arctostaphylos coloradoensis
 'Panchito'
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 30"
 📏 **Height:** 24" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Late Spring - Summer



Dalmatian Daisy
Tanacetum cinerariifolium
 ☹️ **Water Use:** Moderate - Dry
 🌿 **Spread:** 18" - 24"
 📏 **Height:** 15" - 18"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Summer



Gro-Low Sumac
Rhus aromatica 'Gro-Low'
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** Up to 8'
 📏 **Height:** 18" - 24"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Late Spring - Summer



Regal Torchlily
Kniphofia caulescens
 ☹️ **Water Use:** Moderate - Dry
 🌿 **Spread:** 24" - 30"
 📏 **Height:** 36" - 40"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Summer - Early Fall



Desert Beardtongue
Penstemon pseudospectabilis
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 18" - 20"
 📏 **Height:** 32" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Late Spring - Summer



Leadplant
Amorpha canescens
 ☹️ **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 36"
 📏 **Height:** 24" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Summer



Type 5 Landscape Plan (not to scale)



Type 5 Landscape Perspective from Street

Type 6 Landscape Template Dry Shade Textural Mix

Template mix consists of shade tolerant low growing shrubs and groundcovers. A mix of low subtle blooms will provide seasonal color hits with the evergreen foliage will provide presence year-round. This mix should tolerate shade under existing trees with irrigation. Leave foliage through winter for seasonal interest and habitat for pollinators. Do not trim the manzanita or mahonia and shape the small shrubs naturally each spring as needed.

Plant Type Distribution Perennial Shrub **37 Total**

Plant Matrix Exposure  **Part Shade**

Plant Matrix Water Needs  **Moderate - Xeric**

Plant Color Mix 



Type 6 Landscape

Type 6 Landscape Palette

Signature plant 



Panchito Manzanita
Arctostaphylos coloradoensis
 panchito
 💧 **Water Use:** Dry - Xeric
 🌿 **Spread:** 24" - 30"
 🌿 **Height:** 24" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Late Spring - Summer



Hardy Plumbago
Ceratostigma plumbagionides
 💧 **Water Use:** Dry
 🌿 **Spread:** 18" - 24"
 🌿 **Height:** 8" - 12"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Mid to Late Summer



Denver Gold Columbine
Aquilega chrysantha
 💧 **Water Use:** Moderate
 🌿 **Spread:** 16" - 20"
 🌿 **Height:** 30" - 36"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Late Spring - Frost



Furman's Red Sage
Salvia greggii
 'Furman's Red'
 💧 **Water Use:** Moderate - Xeric
 🌿 **Spread:** 18" - 24"
 🌿 **Height:** 18" - 24"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Summer - Fall



Mountain Lover
Paxistima canbyi
 💧 **Water Use:** Moderate
 🌿 **Spread:** 15" - 20"
 🌿 **Height:** 8" - 12"
 ☀️ **Exposure:** Part - Full Sun
 🌸 **Bloom:** Spring (Inconspicuous)



Creeping Mahonia
Mahonia repens
 💧 **Water Use:** Moderate
 🌿 **Spread:** 36" - 48"
 🌿 **Height:** 12" - 18"
 ☀️ **Exposure:** Full Sun, Morning Sun & Afternoon Shade
 🌸 **Bloom:** Spring



Type 6 Landscape Plan (not to scale)



Type 6 Landscape Perspective from Street

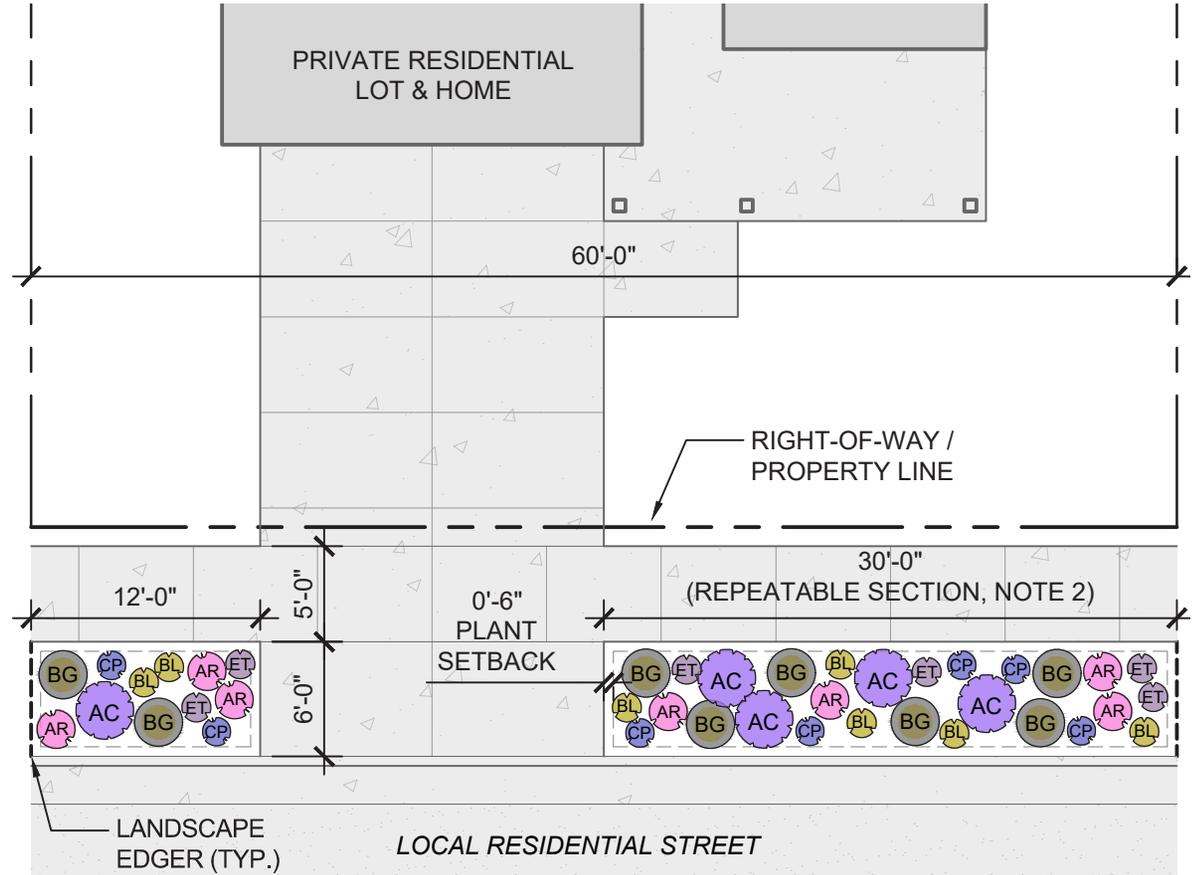
Type 1 Landscape Template Technical Plan Sunny Pollinator Mix

TYPE 1 LANDSCAPE TEMPLATE PLANT SCHEDULE						
	SCIENTIFIC NAME	COMMON NAME	SPREAD	HEIGHT	WATER	QTY.
AC	<i>Amorpha canescens</i>	Leadplant	24" - 30"	24" - 36"	Dry - Xeric	5
AR	<i>Agastche rupestris</i>	Sunset Hyssop	18"	36" - 42"	Xeric	7
BG	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Blue Grama	30" - 36"	30" - 36"	Dry	8
BL	<i>Berlandiera lyrata</i>	Chocolate Flower	12" - 20"	12" - 20"	Dry - Xeric	7
CP	<i>Ceratostigma plumbagionides</i>	Hardy Plumbago	18"	6" - 10"	Dry	7
ET	<i>Echinacea tenesseeensis</i>	Tennessee Coneflower	18" - 24"	12" - 18"	Dry	6
TOTAL						40

TYPE 1 LANDSCAPE TEMPLATE MATERIAL SCHEDULE			
ITEM	RECOMMENDED SPEC	QUANTITY	TEMPLATE AREA
Native Soil	Existing soil on-site	N/A	+/- 250 SQ FT
Compost	Premium Compost, Pioneer Sand Co.	0.80 CU YD / 1.05 TN	
Drainage Rock	Squeegee Rock, Pioneer Sand Co.	0.80 CU YD / 0.35 TN	
Landscape Mulch	3/4" Rock Mulch, Pioneer Sand Co.	2.60 CU YD / 1.05 TN	
Landscape Edger	Roll Top Steel, 4" ht., Pioneer Sand Co.	12 LF	

TEMPLATE NOTES:

- PLAN SHOWN IS TYPICAL FOR 60' WIDE RESIDENTIAL LOT AND CITY OF WESTMINSTER TYPICAL LOCAL STREET. SPECIFIC LOT DIMENSIONS, SIDEWALK WIDTH AND PLANTING AREA WIDTH MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR/INSTALLER TO REFER TO LOT SCALE CHART FOR RECOMMENDATIONS ON PLANT MATERIAL QUANTITIES.
- FOR CORNER LOTS OR OTHER NON-TYPICAL LOT SHAPES, CONTRACTOR/INSTALLER TO UTILIZE 30' LONG REPEATABLE SECTION SHOWN ON TEMPLATE PLAN AND REPEAT EVERY 30' AS NECESSARY.
- IF EXISTING TREES OR UTILITIES ARE PRESENT, CONTRACTOR/INSTALLER TO ADJUST PLANT LAYOUT ACCORDINGLY (ALSO SEE LANDSCAPE NOTES, SHEET 1).
- RECOMMENDED PLANT SIZES:
 - SHRUB: 3 GALLON
 - GRASS: 1 GALLON
 - PERENNIAL: 1 QUART
- A 36" WIDE STEPPING STONE ACCESS CONNECTION IS ALLOWABLE EVERY 15' AND BEGINNING 15' FROM THE EDGE OF THE DRIVEWAY.
- FOR CONTINUOUS PLANTED AREA LENGTHS OVER 60' A PLANT REDUCTION OF 35% IS ALLOWABLE AS LONG AS APPLICANT PROVIDES MINIMUM OF FOUR, 16" WIDE x 16" HEIGHT BOULDERS PER 30' SECTION.
- REFER TO ODP AMENDMENT SHEET FOR ADDITIONAL LANDSCAPE, IRRIGATION, CITY INSPECTION, AND OTHER APPLICABLE NOTES.



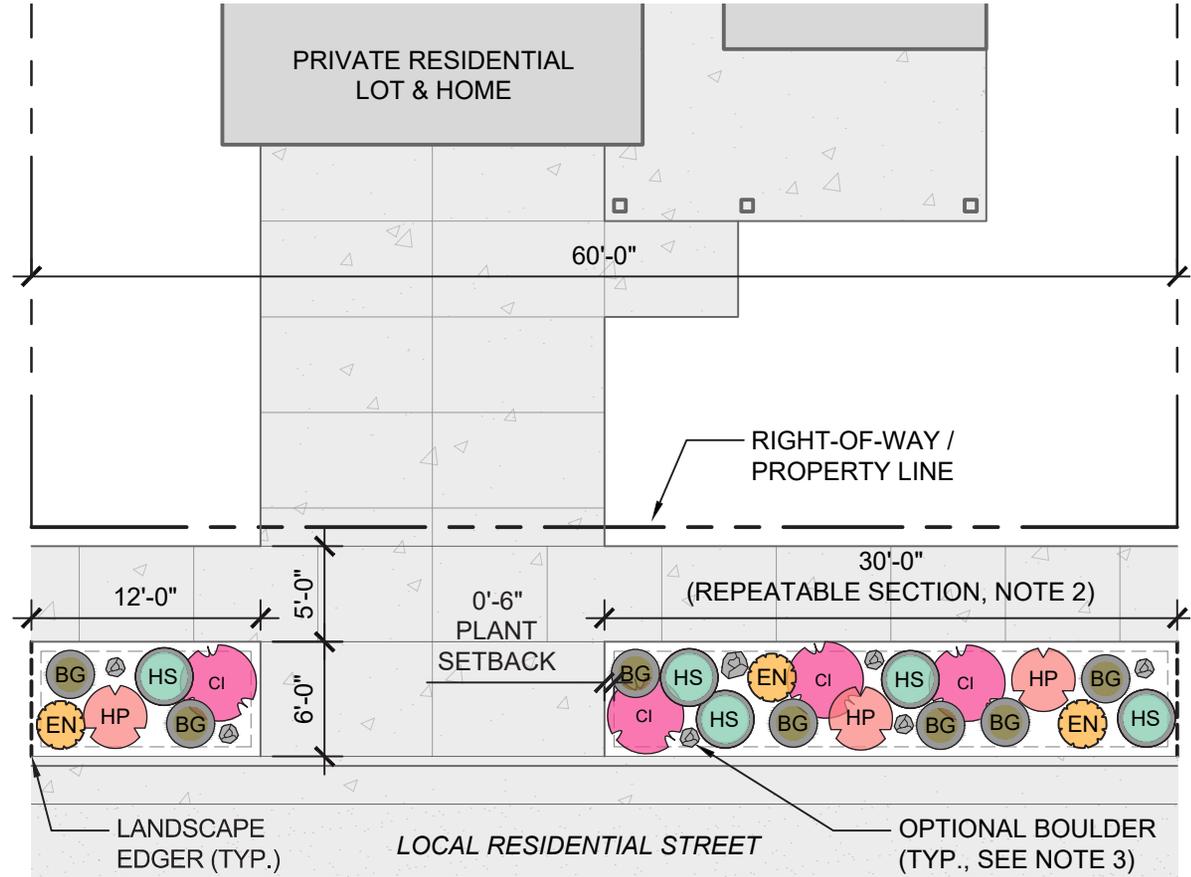
Type 2 Landscape Template Technical Plan Foothills Grass Mix

TYPE 2 LANDSCAPE TEMPLATE PLANT SCHEDULE						
	SCIENTIFIC NAME	COMMON NAME	SPREAD	HEIGHT	WATER	QTY.
BG	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Blue Grama	30" - 36"	30" - 36"	Dry	7
CI	<i>Callirhoe involucrata</i>	Winecups	48" - 60"	8" - 12"	Mod. - Xeric	4
EN	<i>Ericameria nauseosa</i>	Dwarf Rabbitbrush	24" - 36"	24" - 36"	Dry - Xeric	3
HP	<i>Hesperaloe parviflora</i>	Texas Red Yucca	36"	60"	Dry - Xeric	3
HS	<i>Helictotrichon semoervirens</i>	Blue Avena Grass	24"	48"	Dry	5
TOTAL						22

TYPE 2 LANDSCAPE TEMPLATE MATERIAL SCHEDULE			
ITEM	RECOMMENDED SPEC	QUANTITY	TEMPLATE AREA
Native Soil	Existing soil on-site	N/A	+/- 250 SQ FT
Compost	Premium Compost, Pioneer Sand Co.	0.80 CU YD / 1.05 TN	
Drainage Rock	Squeegee Rock, Pioneer Sand Co.	0.80 CU YD / 0.35 TN	
Landscape Mulch	3/4" Rock Mulch, Pioneer Sand Co.	2.60 CU YD / 1.05 TN	
Landscape Edger	Roll Top Steel, 4" ht., Pioneer Sand Co.	12 LF	
Landscape Boulder	Landscape Boulder, Pioneer Sand Co.	7 (6 Small, 1 Large)	

TEMPLATE NOTES:

- PLAN SHOWN IS TYPICAL FOR 60' WIDE RESIDENTIAL LOT AND CITY OF WESTMINSTER TYPICAL LOCAL STREET. SPECIFIC LOT DIMENSIONS, SIDEWALK WIDTH AND PLANTING AREA WIDTH MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR/INSTALLER TO REFER TO LOT SCALE CHART FOR RECOMMENDATIONS ON PLANT MATERIAL QUANTITIES.
- FOR CORNER LOTS OR OTHER NON-TYPICAL LOT SHAPES, CONTRACTOR/INSTALLER TO UTILIZE 30' LONG REPEATABLE SECTION SHOWN ON TEMPLATE PLAN AND REPEAT EVERY 30' AS NECESSARY.
- OPTIONAL LANDSCAPE BOULDERS SHOWN ON TEMPLATE PLAN VARY IN SIZE (SMALL: 12" WIDE x 12" HEIGHT, LARGE: 20" WIDE x 20" HEIGHT). THE BOTTOM OF THE BOULDER IS TO BE SET 4" - 6" BELOW FINISH GRADE.
- IF EXISTING TREES OR UTILITIES ARE PRESENT, CONTRACTOR/INSTALLER TO ADJUST PLANT LAYOUT ACCORDINGLY (ALSO SEE LANDSCAPE NOTES, SHEET 1).
- RECOMMENDED PLANT SIZES:
 - SHRUB: 3 GALLON
 - GRASS: 1 GALLON
 - PERENNIAL: 1 QUART
- A 36" WIDE STEPPING STONE ACCESS CONNECTION IS ALLOWABLE EVERY 15' AND BEGINNING 15' FROM THE EDGE OF THE DRIVEWAY.
- FOR CONTINUOUS PLANTED AREA LENGTHS OVER 60' A PLANT REDUCTION OF 35% IS ALLOWABLE AS LONG AS APPLICANT PROVIDES MINIMUM OF FOUR, 16" WIDE x 16" HEIGHT BOULDERS PER 30' SECTION.
- REFER TO ODP AMENDMENT SHEET FOR ADDITIONAL LANDSCAPE, IRRIGATION, CITY INSPECTION, AND OTHER APPLICABLE NOTES.



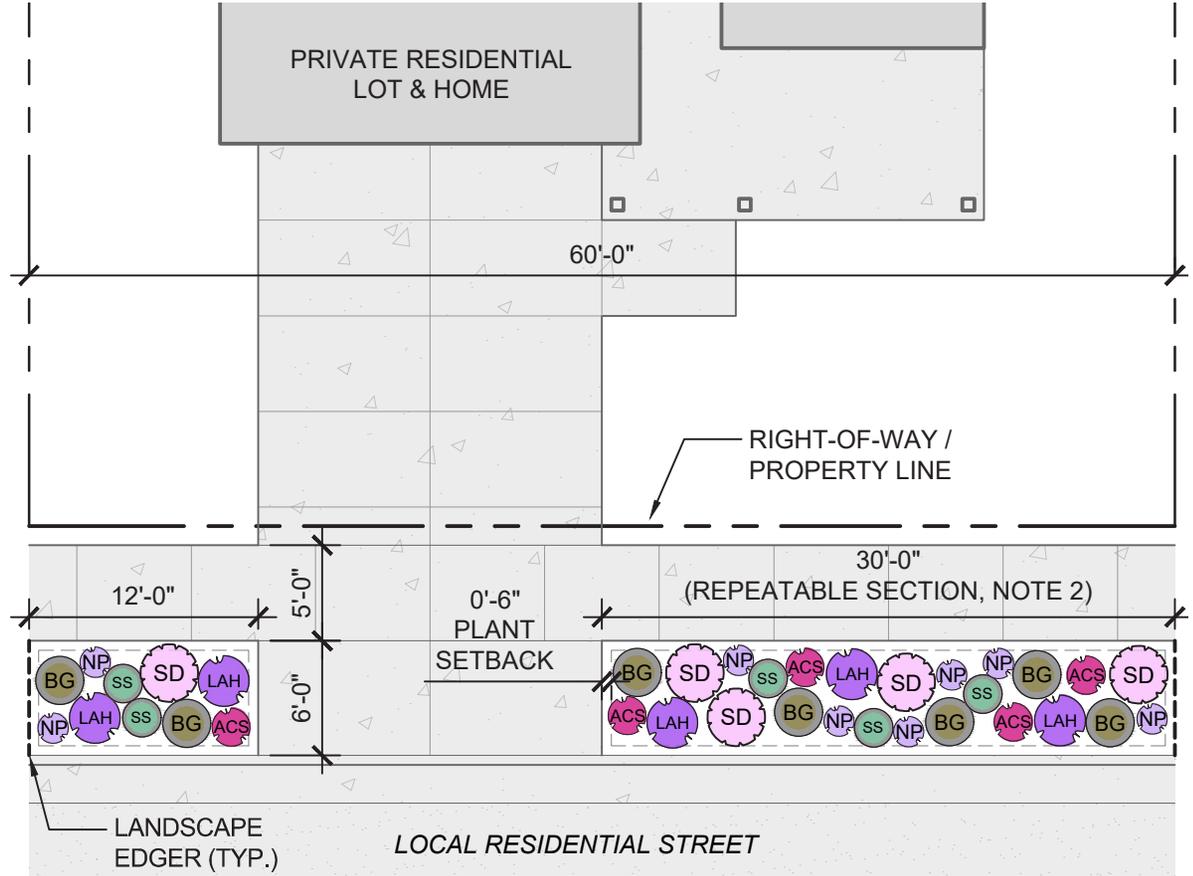
Type 3 Landscape Template Technical Plan Sunny Year-round Fragrant Texture Mix

TYPE 3 LANDSCAPE TEMPLATE PLANT SCHEDULE						
	SCIENTIFIC NAME	COMMON NAME	SPREAD	HEIGHT	WATER	QTY.
ACS	<i>Agastache cana</i> 'Sinning'	Sonoran Sunset Hyssop	16"	16"	Moderate - Dry	5
BG	<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Blue Grama	30" - 36"	30" - 36"	Dry	7
LAH	<i>Lavandula angustifolia</i> 'Hidcote'	Hidcote Lavender	8" - 12"	8" - 12"	Moderate - Dry	5
NP	<i>Nepeta 'Psfike'</i> PP 18,904	Little Trudy Catmint	12" - 14"	8" - 14"	Mod. - Xeric	8
SS	<i>Schizachyrium scoparium</i> 'Blaze'	Blaze Little Bluestem	15" - 18"	24" - 36"	Mod. - Xeric	5
SD	<i>Symphoricarpos x doorenbosii</i> 'Kolmcan'	Candy™ Coralberry	30" - 36"	24" - 30"	Mod. - Dry	5
TOTAL						35

TYPE 3 LANDSCAPE TEMPLATE MATERIAL SCHEDULE			
ITEM	RECOMMENDED SPEC	QUANTITY	TEMPLATE AREA
Native Soil	Existing soil on-site	N/A	+/- 250 SQ FT
Compost	Premium Compost, Pioneer Sand Co.	0.80 CU YD / 1.05 TN	
Drainage Rock	Squeeze Rock, Pioneer Sand Co.	0.80 CU YD / 0.35 TN	
Landscape Mulch	3/4" Rock Mulch, Pioneer Sand Co.	2.60 CU YD / 1.05 TN	
Landscape Edger	Roll Top Steel, 4" ht., Pioneer Sand Co.	12 LF	

TEMPLATE NOTES:

- PLAN SHOWN IS TYPICAL FOR 60' WIDE RESIDENTIAL LOT AND CITY OF WESTMINSTER TYPICAL LOCAL STREET. SPECIFIC LOT DIMENSIONS, SIDEWALK WIDTH AND PLANTING AREA WIDTH MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR/INSTALLER TO REFER TO LOT SCALE CHART FOR RECOMMENDATIONS ON PLANT MATERIAL QUANTITIES.
- FOR CORNER LOTS OR OTHER NON-TYPICAL LOT SHAPES, CONTRACTOR/INSTALLER TO UTILIZE 30' LONG REPEATABLE SECTION SHOWN ON TEMPLATE PLAN AND REPEAT EVERY 30' AS NECESSARY.
- IF EXISTING TREES OR UTILITIES ARE PRESENT, CONTRACTOR/INSTALLER TO ADJUST PLANT LAYOUT ACCORDINGLY (ALSO SEE LANDSCAPE NOTES, SHEET 1).
- RECOMMENDED PLANT SIZES:
 - SHRUB: 3 GALLON
 - GRASS: 1 GALLON
 - PERENNIAL: 1 QUART
- A 36" WIDE STEPPING STONE ACCESS CONNECTION IS ALLOWABLE EVERY 15' AND BEGINNING 15' FROM THE EDGE OF THE DRIVEWAY.
- FOR CONTINUOUS PLANTED AREA LENGTHS OVER 60' A PLANT REDUCTION OF 35% IS ALLOWABLE AS LONG AS APPLICANT PROVIDES MINIMUM OF FOUR, 16" WIDE x 16" HEIGHT BOULDERS PER 30' SECTION.
- REFER TO ODP AMENDMENT SHEET FOR ADDITIONAL LANDSCAPE, IRRIGATION, CITY INSPECTION, AND OTHER APPLICABLE NOTES.



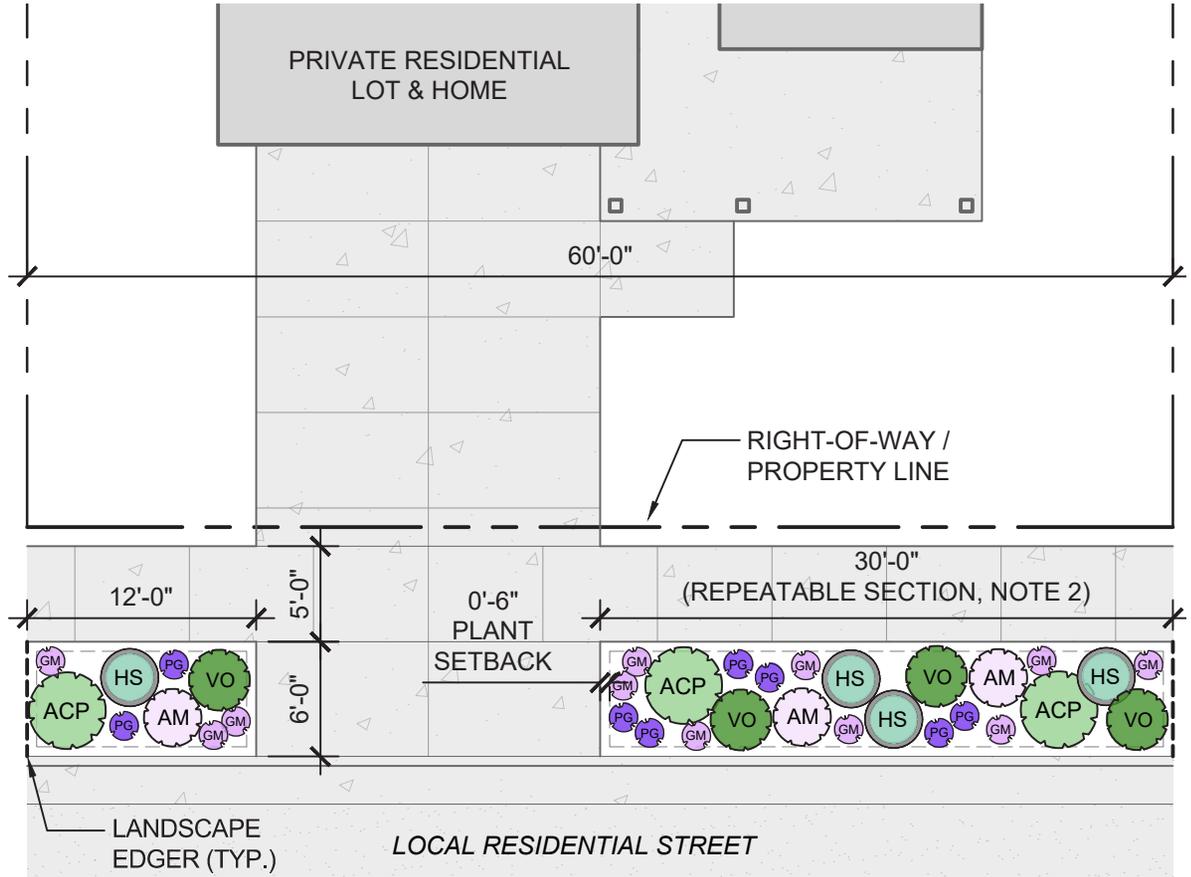
Type 4 Landscape Template Technical Plan Soft Color Casual Mix

TYPE 4 LANDSCAPE TEMPLATE PLANT SCHEDULE						
	SCIENTIFIC NAME	COMMON NAME	SPREAD	HEIGHT	WATER	QTY.
ACP	<i>Arctostaphylos coloradoensis</i> 'Panchito'	Panchito Manzanita	24" - 30"	24" - 36"	Dry - Xeric	3
AM	<i>Aronia melanocarpa</i>	Low Scape Mound*	18" - 36"	18" - 36"	Moderate	3
HS	<i>Helictotrichon sempervirens</i>	Blue Avena Grass	24" - 48"	24" - 48"	Dry - Xeric	4
GM	<i>Geranium magniflorum</i> 'P013S'	La Veta Lace Geranium	18" - 24"	6" - 10"	Dry	11
PG	<i>Penstemon grandiflorus</i> 'P010S'	Prairie Jewel Penstemon	10" - 16"	20" - 36"	Mod. - Xeric	8
VO	<i>Viburnum opulus</i> 'Nanum'	Dwarf European Cranberrybush	24" - 36"	18" - 24"	Moderate	4
TOTAL						33

TYPE 4 LANDSCAPE TEMPLATE MATERIAL SCHEDULE			
ITEM	RECOMMENDED SPEC	QUANTITY	TEMPLATE AREA
Native Soil	Existing soil on-site	N/A	+/- 250 SQ FT
Compost	Premium Compost, Pioneer Sand Co.	0.80 CU YD / 1.05 TN	
Drainage Rock	Squeegee Rock, Pioneer Sand Co.	0.80 CU YD / 0.35 TN	
Landscape Mulch	3/4" Rock Mulch, Pioneer Sand Co.	2.60 CU YD / 1.05 TN	
Landscape Edger	Roll Top Steel, 4" ht., Pioneer Sand Co.	12 LF	

TEMPLATE NOTES:

- PLAN SHOWN IS TYPICAL FOR 60' WIDE RESIDENTIAL LOT AND CITY OF WESTMINSTER TYPICAL LOCAL STREET. SPECIFIC LOT DIMENSIONS, SIDEWALK WIDTH AND PLANTING AREA WIDTH MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR/INSTALLER TO REFER TO LOT SCALE CHART FOR RECOMMENDATIONS ON PLANT MATERIAL QUANTITIES.
- FOR CORNER LOTS OR OTHER NON-TYPICAL LOT SHAPES, CONTRACTOR/INSTALLER TO UTILIZE 30' LONG REPEATABLE SECTION SHOWN ON TEMPLATE PLAN AND REPEAT EVERY 30' AS NECESSARY.
- IF EXISTING TREES OR UTILITIES ARE PRESENT, CONTRACTOR/INSTALLER TO ADJUST PLANT LAYOUT ACCORDINGLY (ALSO SEE LANDSCAPE NOTES, SHEET 1).
- RECOMMENDED PLANT SIZES:
 - SHRUB: 3 GALLON
 - GRASS: 1 GALLON
 - PERENNIAL: 1 QUART
- A 36" WIDE STEPPING STONE ACCESS CONNECTION IS ALLOWABLE EVERY 15' AND BEGINNING 15' FROM THE EDGE OF THE DRIVEWAY.
- FOR CONTINUOUS PLANTED AREA LENGTHS OVER 60' A PLANT REDUCTION OF 35% IS ALLOWABLE AS LONG AS APPLICANT PROVIDES MINIMUM OF FOUR, 16" WIDE x 16" HEIGHT BOULDERS PER 30' SECTION.
- REFER TO ODP AMENDMENT SHEET FOR ADDITIONAL LANDSCAPE, IRRIGATION, CITY INSPECTION, AND OTHER APPLICABLE NOTES.



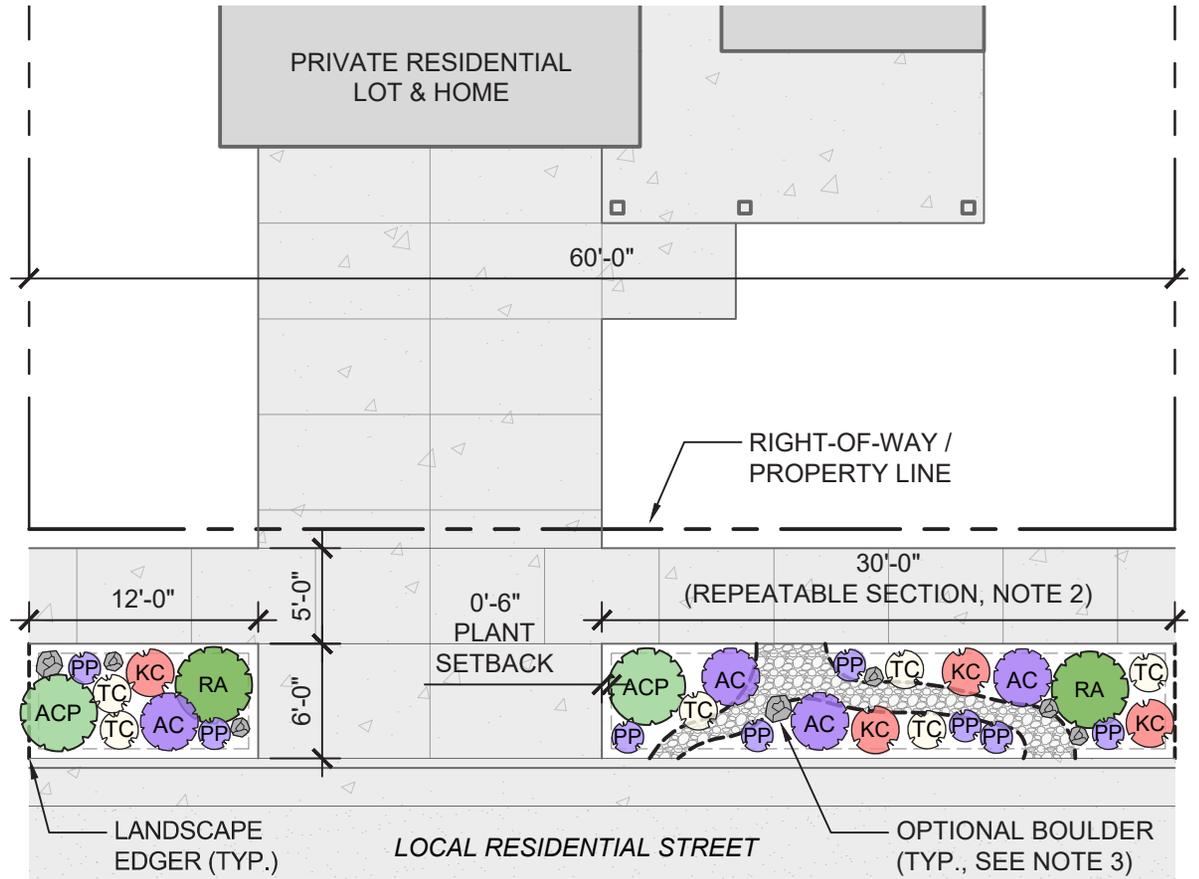
Type 5 Landscaping Template Technical Plan Colorful Partial Shade Mix

TYPE 5 LANDSCAPE TEMPLATE PLANT SCHEDULE						
	SCIENTIFIC NAME	COMMON NAME	SPREAD	HEIGHT	WATER	QTY.
AC	<i>Amorpha canescens</i>	Leadplant	24" - 30"	24" - 36"	Dry - Xeric	4
ACP	<i>Arctostaphylos coloradoensis</i> 'Panchito'	Panchito Manzanita	24" - 30"	24" - 36"	Dry - Xeric	1
TC	<i>Tanacetum cinerariifolium</i>	Dalmatian Daisy	18" - 24"	15" - 18"	Mod. - Dry	5
KC	<i>Kniphofia caulescens</i>	Regal Torchlily	24" - 30"	36" - 40"	Mod. - Dry	2
PP	<i>Penstemon pseudospectabilis</i>	Desert Beardtongue	18" - 20"	32" - 36"	Dry - Xeric	8
SS	<i>Schizachyrium scoparium</i> 'Blaze'	Blaze Little Bluestem	15" - 18"	24" - 36"	Mod. - Xeric	9
TOTAL						29

TYPE 5 LANDSCAPE TEMPLATE MATERIAL SCHEDULE			
ITEM	RECOMMENDED SPEC	QUANTITY	TEMPLATE AREA
Native Soil	Existing soil on-site	N/A	+/- 250 SQ FT
Compost	Premium Compost, Pioneer Sand Co.	0.80 CU YD / 1.05 TN	
Drainage Rock	Squeegee Rock, Pioneer Sand Co.	0.80 CU YD / 0.35 TN	
Landscape Mulch	3/4" Rock Mulch, Pioneer Sand Co.	2.10 CU YD / 0.85 TN	
Landscape Cobble	3" Rock Mulch, Pioneer Sand Co.	0.50 CU YD / 0.25 TN	
Landscape Boulder	Landscape Boulder, Pioneer Sand Co.	6 (4 Small, 2 Large)	
Landscape Edger	Roll Top Steel, 4" ht., Pioneer Sand Co.	12 LF	

TEMPLATE NOTES:

- PLAN SHOWN IS TYPICAL FOR 60' WIDE RESIDENTIAL LOT AND CITY OF WESTMINSTER TYPICAL LOCAL STREET. SPECIFIC LOT DIMENSIONS, SIDEWALK WIDTH AND PLANTING AREA WIDTH MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR/INSTALLER TO REFER TO LOT SCALE CHART FOR RECOMMENDATIONS ON PLANT MATERIAL QUANTITIES.
- FOR CORNER LOTS OR OTHER NON-TYPICAL LOT SHAPES, CONTRACTOR/INSTALLER TO UTILIZE 30' LONG REPEATABLE SECTION SHOWN ON TEMPLATE PLAN AND REPEAT EVERY 30' AS NECESSARY.
- OPTIONAL LANDSCAPE BOULDERS SHOWN ON TEMPLATE PLAN VARY IN SIZE (SMALL: 12" WIDE x 12" HEIGHT, LARGE: 20" WIDE x 20" HEIGHT). THE BOTTOM OF THE BOULDER IS TO BE SET 4" - 6" BELOW FINISH GRADE.
- IF EXISTING TREES OR UTILITIES ARE PRESENT, CONTRACTOR/INSTALLER TO ADJUST PLANT LAYOUT ACCORDINGLY (ALSO SEE LANDSCAPE NOTES, SHEET 1).
- RECOMMENDED PLANT SIZES:
 - SHRUB: 3 GALLON
 - GRASS: 1 GALLON
 - PERENNIAL: 1 QUART
- A 36" WIDE STEPPING STONE ACCESS CONNECTION IS ALLOWABLE EVERY 15' AND BEGINNING 15' FROM THE EDGE OF THE DRIVEWAY.
- FOR CONTINUOUS PLANTED AREA LENGTHS OVER 60' A PLANT REDUCTION OF 35% IS ALLOWABLE AS LONG AS APPLICANT PROVIDES MINIMUM OF FOUR, 16" WIDE x 16" HEIGHT BOULDERS PER 30' SECTION.
- REFER TO ODP AMENDMENT SHEET FOR ADDITIONAL LANDSCAPE, IRRIGATION, CITY INSPECTION, AND OTHER APPLICABLE NOTES.



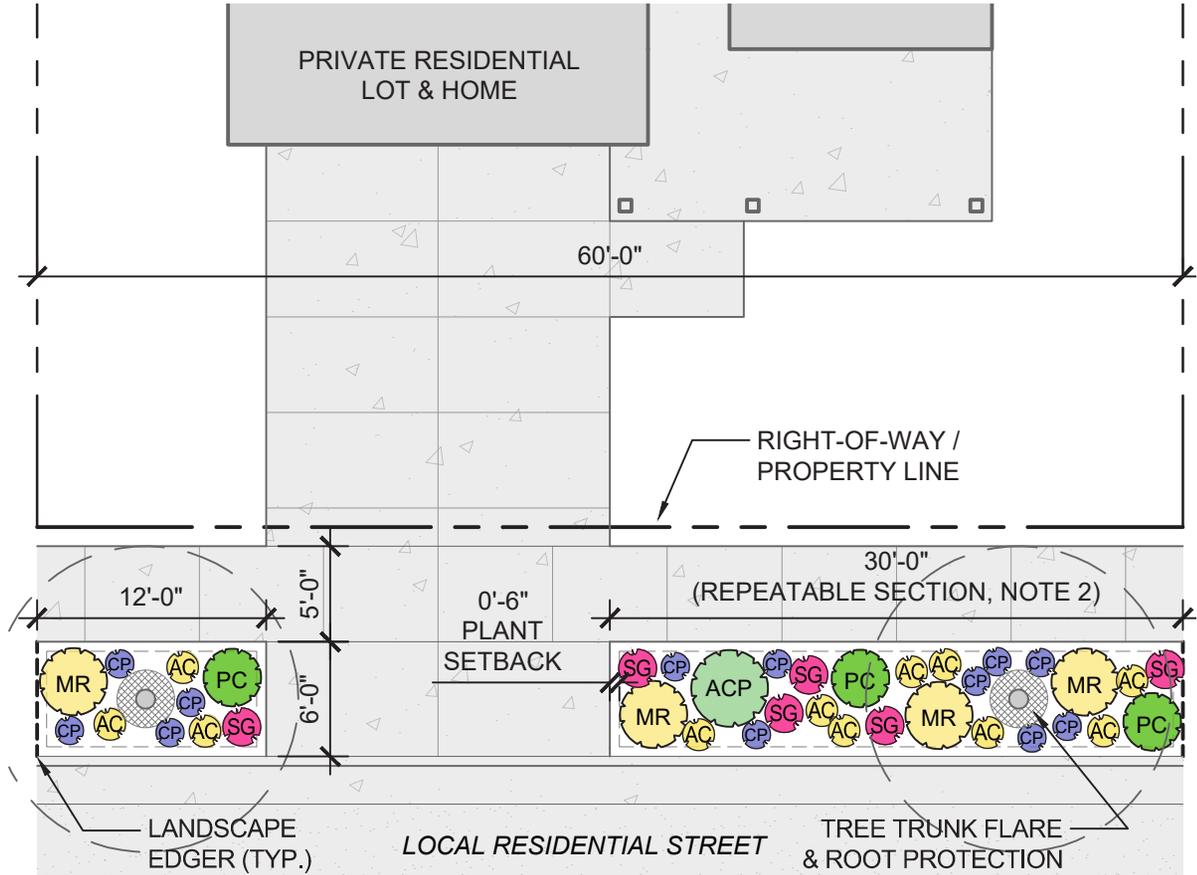
Type 6 Landscape Template Technical Plan Dry Shade Textural Mix

TYPE 6 LANDSCAPE TEMPLATE PLANT SCHEDULE						
	SCIENTIFIC NAME	COMMON NAME	SPREAD	HEIGHT	WATER	QTY.
AC	<i>Aquilegia chrysantha</i>	Denver Gold Columbine	16" - 20"	30" - 36"	Mod. - Xeric	11
ACP	<i>Arctostaphylos coloradoensis</i> "Panchito"	Panchito Manzanita	24" - 30"	24" - 36"	Dry - Xeric	1
CP	<i>Ceratostigma plumbagionides</i>	Hardy Plumbago	18"	6" - 10"	Dry	12
PC	<i>Paxistima canbyi</i>	Mountain Lover	15" - 20"	8" - 12"	Moderate	3
SG	<i>Salvia greggii</i> "Furnman's Red"	Furnman's Red Sage	18" - 24"	18" - 24"	Mod. - Xeric	6
MR	<i>Mahonia repens</i>	Creeping Mahonia	36" - 48"	12" - 18"	Moist - Mod.	4
TOTAL						37

TYPE 6 LANDSCAPE TEMPLATE MATERIAL SCHEDULE			
ITEM	RECOMMENDED SPEC	QUANTITY	TEMPLATE AREA
Native Soil	Existing soil on-site	N/A	+/- 250 SQ FT
Compost	Premium Compost, Pioneer Sand Co.	0.80 CU YD / 1.05 TN	
Drainage Rock	Squeegee Rock, Pioneer Sand Co.	0.80 CU YD / 0.35 TN	
Landscape Mulch	3/4" Rock Mulch, Pioneer Sand Co.	2.60 CU YD / 1.05 TN	
Landscape Edger	Roll Top Steel, 4" ht., Pioneer Sand Co.	12 LF	
Landscape Boulder	Landscape Boulder, Pioneer Sand Co.	5 (4 Small, 1 Large)	

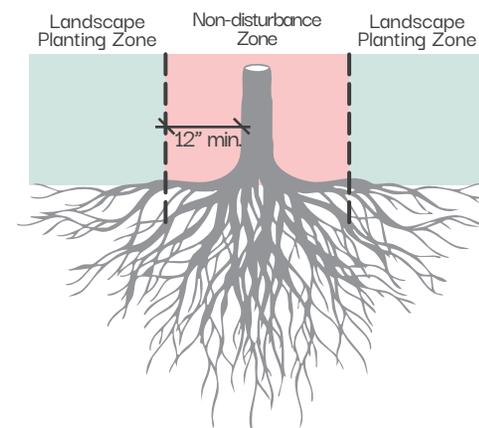
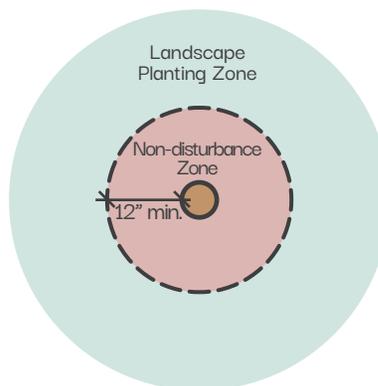
TEMPLATE NOTES:

1. PLAN SHOWN IS TYPICAL FOR 60' WIDE RESIDENTIAL LOT AND CITY OF WESTMINSTER TYPICAL LOCAL STREET. SPECIFIC LOT DIMENSIONS, SIDEWALK WIDTH AND PLANTING AREA WIDTH MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR/INSTALLER TO REFER TO LOT SCALE CHART FOR RECOMMENDATIONS ON PLANT MATERIAL QUANTITIES.
2. FOR CORNER LOTS OR OTHER NON-TYPICAL LOT SHAPES, CONTRACTOR/INSTALLER TO UTILIZE 30' LONG REPEATABLE SECTION SHOWN ON TEMPLATE PLAN AND REPEAT EVERY 30' AS NECESSARY.
3. IF EXISTING TREES OR UTILITIES ARE PRESENT, CONTRACTOR/INSTALLER TO ADJUST PLANT LAYOUT ACCORDINGLY (ALSO SEE LANDSCAPE NOTES, SHEET 1).
4. RECOMMENDED PLANT SIZES:
 - 4.1. SHRUB: 3 GALLON
 - 4.2. GRASS: 1 GALLON
 - 4.3. PERENNIAL: 1 QUART
5. RECOMMEND PROVIDING 12" NON-PLANTED ZONE AT TREE TRUNK / ROOT FLARE ZONE TO MINIMIZE DISTURBANCE AND DAMAGING ROOT FLARE.
5. A 36" WIDE STEPPING STONE ACCESS CONNECTION IS ALLOWABLE EVERY 15' AND BEGINNING 15' FROM THE EDGE OF THE DRIVEWAY.
6. FOR CONTINUOUS PLANTED AREA LENGTHS OVER 60' A PLANT REDUCTION OF 35% IS ALLOWABLE AS LONG AS APPLICANT PROVIDES MINIMUM OF FOUR, 16" WIDE x 16" HEIGHT BOULDERS PER 30' SECTION.
7. REFER TO ODP AMENDMENT SHEET FOR ADDITIONAL LANDSCAPE, IRRIGATION, CITY INSPECTION, AND OTHER APPLICABLE NOTES.



Existing Trees

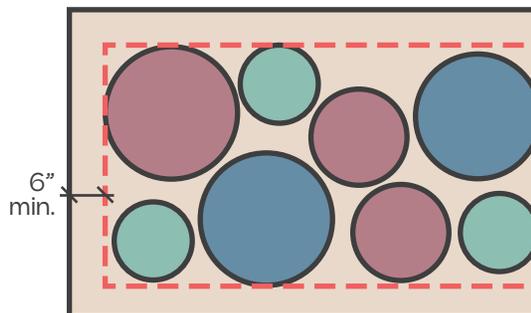
Trees are a critical part your landscape and also for wildlife habitat, mitigating urban heat island, and helping to regulate your home’s climate control. When modifying the landscape adjacent to existing trees, protect a minimum of 12” around the tree trunk (non-disturbance zone) to prevent any unintended damage to the tree.



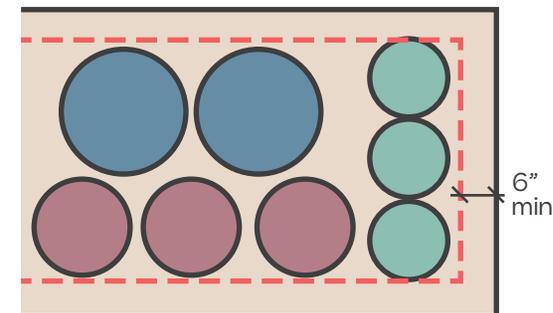
Layout of Plants (Organic vs Grid)

Plants shall be arranged in an organic pattern as opposed to a grid pattern. This ensures a more natural appearance, incorporates the inherent variability in mature plant sizes, and if a single plant dies it will be less apparent than if the plants were arranged in a grid pattern.

Refer to the Landscape Template Technical Plans (pages 23 - 28) for plant species, layout, and arrangement.



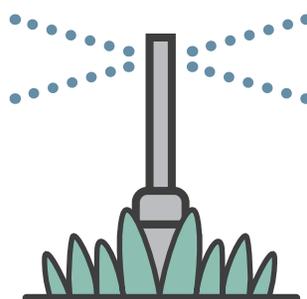
Organic Layout



Grid Layout

Converting Spray to Drip Irrigation

Your existing irrigation system can likely be converted to a drip system with a few new pieces of hardware. First, check the manufacturer and model of the spray head(s) usually labeled atop the spray head body. Next, visit your local home garden center or irrigation manufacturer’s website to purchase a “drip conversion kit”. Finally, watch the manufacturer or other online video tutorial for installation process and necessary required equipment to complete the conversion.



Spray Head Irrigation



Conversion



Drip Irrigation

Common Weeds of Colorado

While a number of invasive weeds are edible and provide nectar for pollinators, when left unchecked these weeds can become a nuisance and choke out your landscape.

Below are some of the more common invasive weeds found in Colorado.

The use of chemical control is recommended only as a last measure.

For more information on other identified invasive weeds and watch list species, visit the Colorado Department of Agriculture Noxious Weed Species informational website or County Weed Manager.



Bittercress

Cardamine hirsute

- ☞ **ID:** Deeply lobed leaves with small white flowers
- ⊗ **Eradicate:** Hand pulling, repeatedly cut plant, herbicide treatment



Lamb's Quarter

Chenopodium album

- ☞ **ID:** Single central stem, oblong to lancet-shaped leaves
- ⊗ **Eradicate:** Pre-emergent pesticide, consistent mowing, lawn aeration, hand pull while the plant is young



Field Bindweed

Convolvulus arvensis

- ☞ **ID:** Arrow-shaped alternate leaves with white-pink flowers
- ⊗ **Eradicate:** Consistent hand pulling, mulch around problem area, landscape fabric



Crabgrass

Digitaria sanguinalis

- ☞ **ID:** Grows close to ground, flat pale green wide leaves
- ⊗ **Eradicate:** Manual removal, pre-emergent herbicide



Creeping Charlie

Glechoma hedraea

- ☞ **ID:** Round-shaped leaves with blue-violet flowers
- ⊗ **Eradicate:** Combine techniques, hand pulling, repeatedly cut plant, herbicide treatment



Henbit

Lamium amplexicaule

- ☞ **ID:** Heart-shaped leaves with pink-purple flowers
- ⊗ **Eradicate:** Hand pulling, repeatedly cut plant, herbicide treatment



Black Medic

Medicago lupulina

- ☞ **ID:** Compound & alternate leaves with yellow flowers
- ⊗ **Eradicate:** Lawn aeration, amend soil with organic matter, hand pulling,



Purslane

Portulaca oleracea

- ☞ **ID:** Oval-oblong, succulent red-tinged, green leaves
- ⊗ **Eradicate:** Hand pull or herbicide when plant is young, mulch around problem area



Dandelion

Taxacum verbasicum

- ☞ **ID:** Rosette pattern close to ground, green toothed leaves
- ⊗ **Eradicate:** Pre-emergent pesticide, mow lawn at higher setting, hand tool removal (hand pulling is not suggested)