

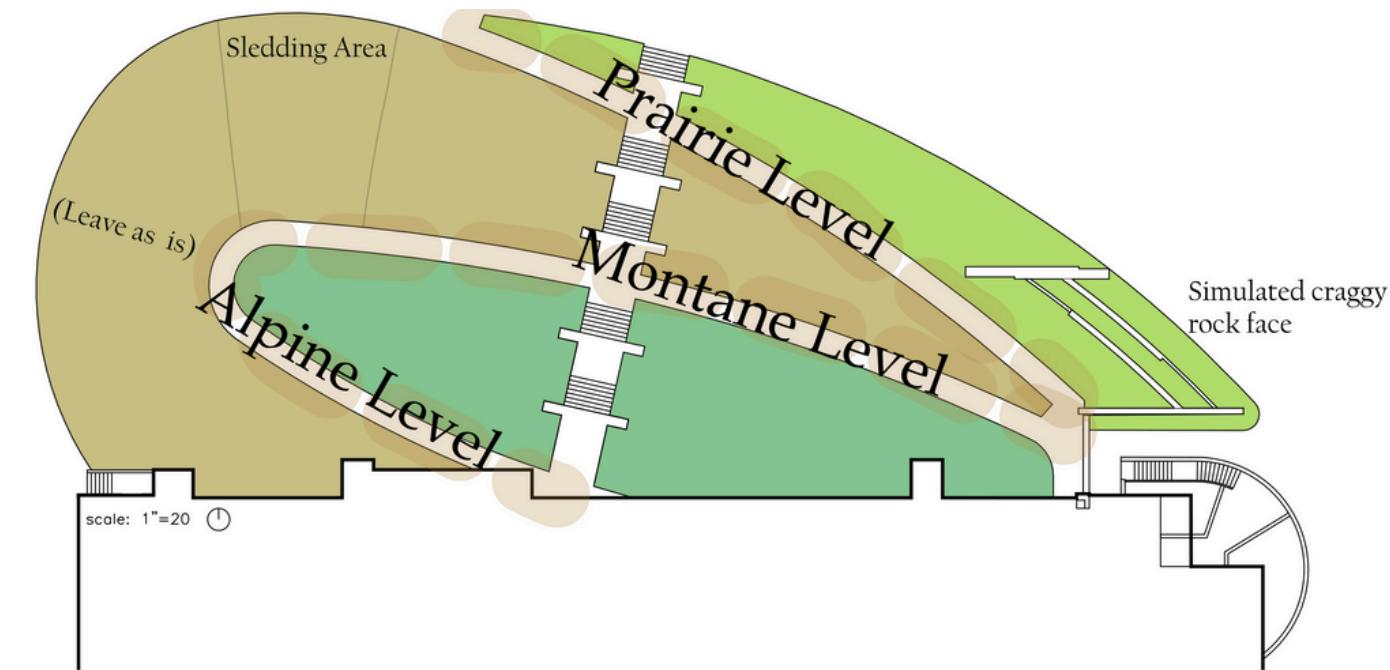
# CASE Urban

## Mountain

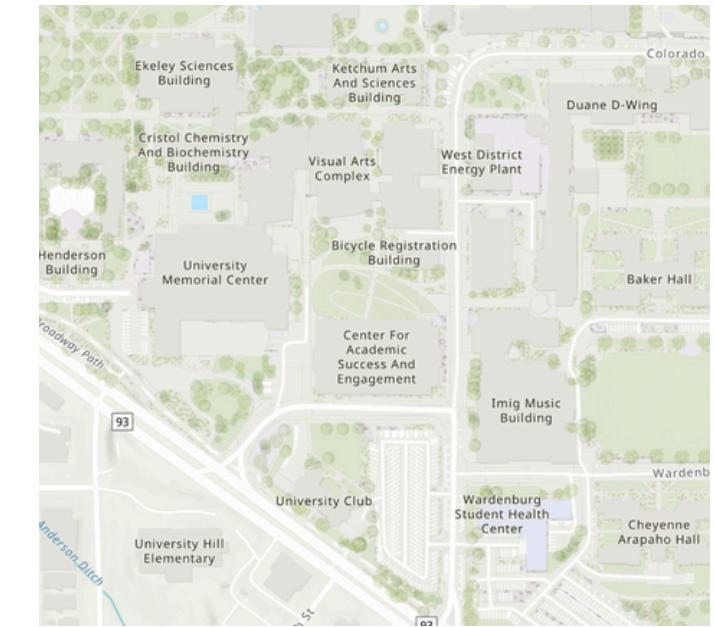
### Design Goals:

- Create a microcosm of Boulder's mountain trails in the heart of campus
- Utilize plants which support native pollinators and wildlife
- Support the plant life already thriving
- Weave supporting grasses and flowering plants into the areas of the hill which are not already lush

### Concept



### Context Map



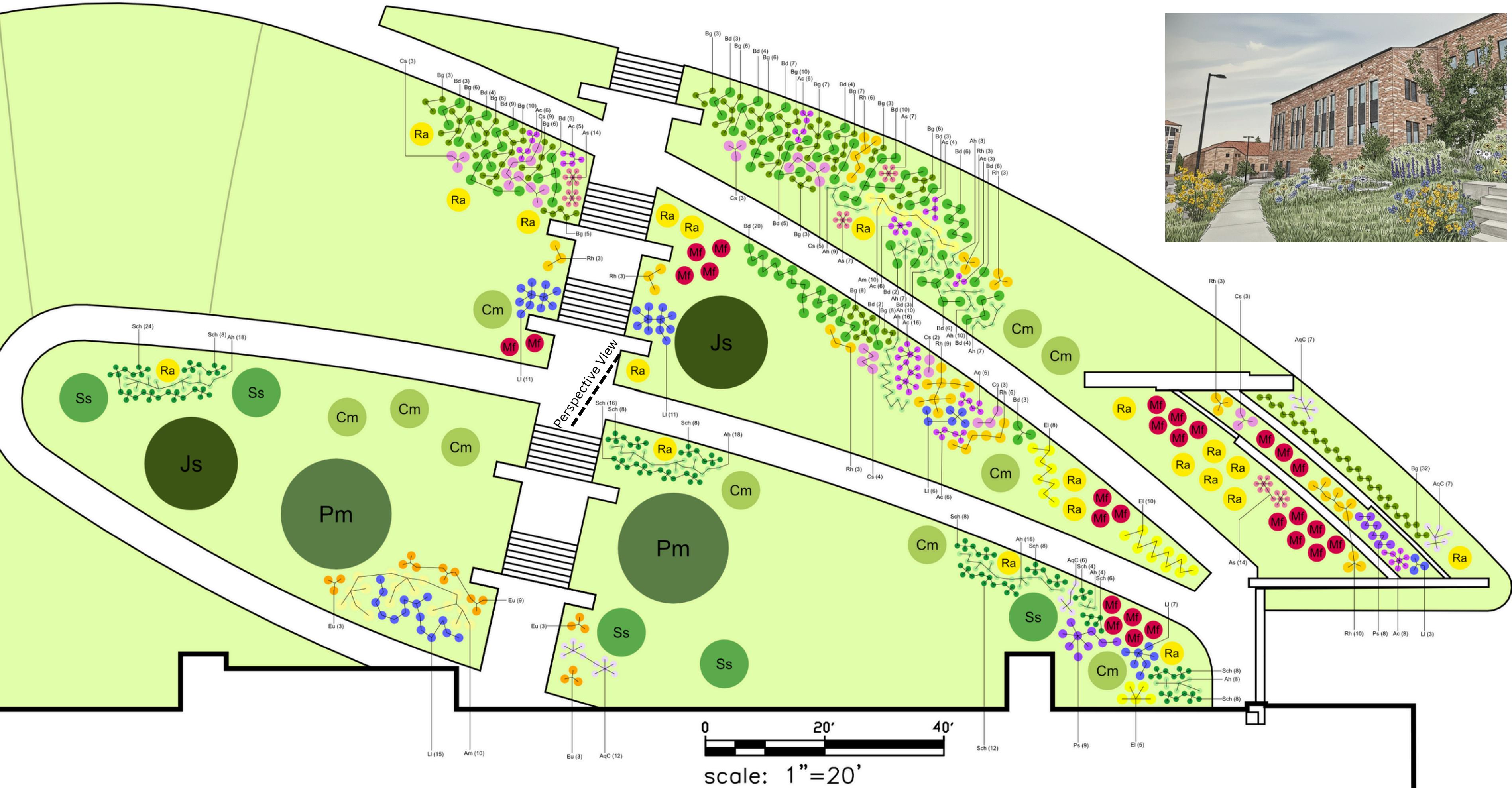
### Plant Communities



The collage on the left demonstrates the chosen plants, as understood by their place along the path. This was determined by microclimates favored by each plant.

# Planting Plan

# Perspective



# Planting Schedule

Count	Abbrev.	Latin Name	Common Name	Size (H x W)	Plant Notes
130	Bg	<i>Bouteloua gracilis</i>	Blue grama	6–12 in × 8–12 in	Warm-season prairie grass; full sun; very drought-tolerant; prefers lean, well-drained soils.
109	Bd	<i>Bouteloua dactyloides</i>	Buffalograss	3–8 in (mown) × spreading	Low, sod-forming grass; full sun; heat- and drought-tolerant; dislikes shade and poor drainage.
126	Ah	<i>Achnatherum (Eriocoma) hymenoides</i>	Indian ricegrass	12–24 in × 12–18 in	Bunchgrass for dry, sandy or rocky soils; full sun; good on exposed slopes and low-fertility sites.
118	Sch	<i>Schizachyrium scoparium</i>	Little bluestem	18–36 in × 12–18 in	Upright bunchgrass; full sun; dry to medium soils; needs good drainage; flops if over-watered.
10	Cm	<i>Cercocarpus montanus</i>	Mountain mahogany	4–12 ft × 4–8 ft	Foothill shrub; full sun; low-moderate water; thrives in rocky, alkaline, sloping ground.
18	Ra	<i>Ribes aureum</i>	Golden currant	3–6 ft × 3–6 ft	Deciduous shrub; sun to light shade; moderate moisture; good in swales and cooler pockets.
5	Ss	<i>Sorbus scopulina</i>	Native mountain-ash	8–20 ft × 6–12 ft	Small tree/large shrub; prefers cooler sites with moderate moisture and good drainage.
32	Cs	<i>Cleome (Peritoma) serrulata</i>	Rocky Mountain bee plant	2–5 ft × 1–2 ft	Reseeding annual/biennial; full sun; tolerates dry, disturbed soils; strong pollinator plant.
42	As	<i>Asclepias fascicularis</i> or <i>A. speciosa</i>	Narrowleaf/showy milkweed	2–4 ft × 1–2 ft	Perennial; full sun; medium-low water; deep, well-drained soils; host plant for monarchs.
49	Rh	<i>Rudbeckia hirta</i>	Black-eyed Susan	1–3 ft × 1–2 ft	Short-lived perennial/biennial; sun to light shade; moderate moisture; good in wildflower drifts.
26	Mf	<i>Monarda fistulosa</i>	Bee balm / wild bergamot	2–4 ft × 1–3 ft	Perennial; sun to part sun; prefers moderate moisture; great for bees, butterflies, hummingbirds.
17	Ps	<i>Penstemon secundiflorus</i>	One-sided penstemon	1–3 ft × 1–2 ft	Perennial; full sun; lean, rocky, well-drained soils; avoid over-watering and heavy mulch.
32	AqC	<i>Aquilegia coerulea</i>	Rocky Mountain columbine	1–2.5 ft × 1–2 ft	Perennial; morning sun/part shade; cool, moist but well-drained soils among rocks.
20	Am	<i>Achillea millefolium</i>	Common yarrow	1–2 ft × 1–2 ft	Tough perennial; full sun; very drought-tolerant; thrives in poor, dry soils and path shoulders.
18	EI	<i>Eriophyllum lanatum</i> or similar spp.	Golden yarrow (woolly sunflower)	1–2 ft × 1–2 ft	Perennial; full sun; dry, rocky, well-drained soils; ideal for hot, exposed slopes.
48	LI	<i>Linum lewisii</i>	Native blue flax	1–2 ft × 1–1.5 ft	Short-lived perennial; full sun; dry to medium moisture; well-drained, rocky soils; self-sows.
72	Ac	<i>Allium cernuum</i>	Nodding onion	12–18 in × 6–12 in	Bulb perennial; full sun to light shade; well-drained, sandy or rocky soils; low-moderate moisture.
18	Eu	<i>Eriogonum umbellatum</i>	Sulphur-flower buckwheat	6–12 in × 12–24 in	Low perennial/subshrub; full sun; very drought-tolerant; excels in dry, rocky, sharply drained sites.
2	Js	<i>Juniperus scopulorum</i>	Rocky Mountain juniper	10–30 ft × 4–15 ft (narrow fo	Evergreen conifer; full sun; very drought- and wind-tolerant; needs well-drained rocky soils.
2	Pm	<i>Pseudotsuga menziesii</i> (compact cvs.)	Garden-sized Douglas-fir	~15–30 ft × 10–20 ft	Evergreen conifer; cool sun to light shade; prefers somewhat moister, deeper soils; avoid hottest, driest exposures.

## Notes and Considerations:

Plants and grasses are already succeeding, and the goal of this design is to add to their diversity. The plantings should be woven in to the existing community, with as little disruption as possible.