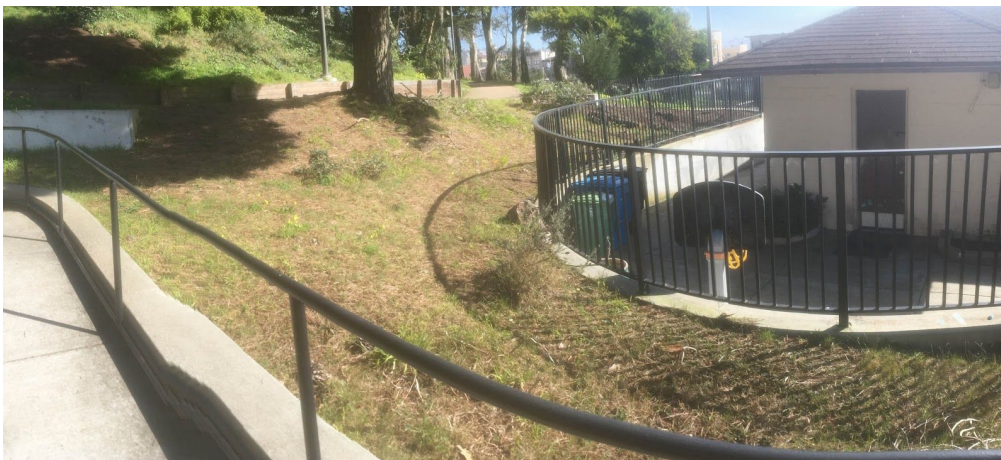


Jessica Kwok  
McCoppin Square  
Jan 20, 2020  
Bed above shed

- I. Observation
- II. Visioning
- III. Planning
- IV. Development
- V. Implementation





#### I. Observation

- Summary: A bed surrounded by a metal fence that stretches from the path facing tennis court all the way to the beginning of the ADA path that runs along the preschool outdoor play area.
- Topography: slightly sloped, with the high point being the pine next to the internal path.
- South-facing
- Exposure: full sun, direct in the afternoon. The section of this bed behind the preschool is part sun, as the preschool building blocks the sun for most of the day.
- Irrigation: Station 10, currently toro popups
- Wind: not significant
- Pests: ehrharta, crocosmia, bermuda grass
- Notes:
  - People occasionally cut through this area from the ADA path to get to the internal path.
  - Aside from this, no other users.
- What's there now:
  - Currently there is a large pine, and two coffeeberry. Lots of rubus groundcover as well
  - Pine needle drop helps mulch, but ehrharta is coming through.
  - Also a million little lupine which have been seeded by the previous lupine parents

#### II. Visioning

- This area should be a lush display of native shrubs. It should be an attraction for park patrons walking down the path. It should also signal the transition from the "natural area" into the preschool/athletic courts.
- Further down into the backyard of the preschool should be more of a cut-flower garden. Multicolored yarrows and California poppies; can add different wildflowers later.

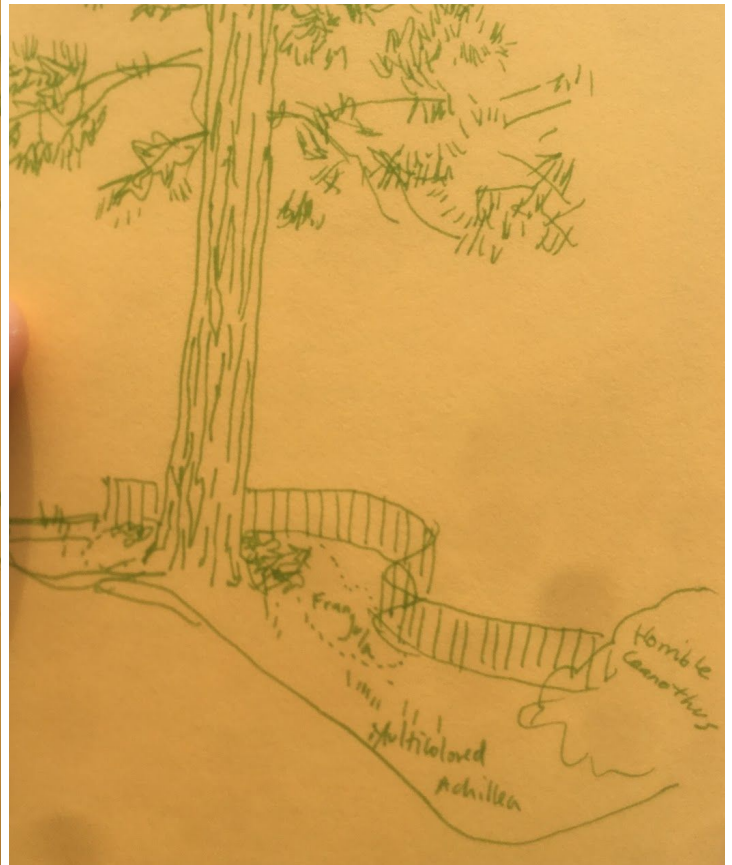
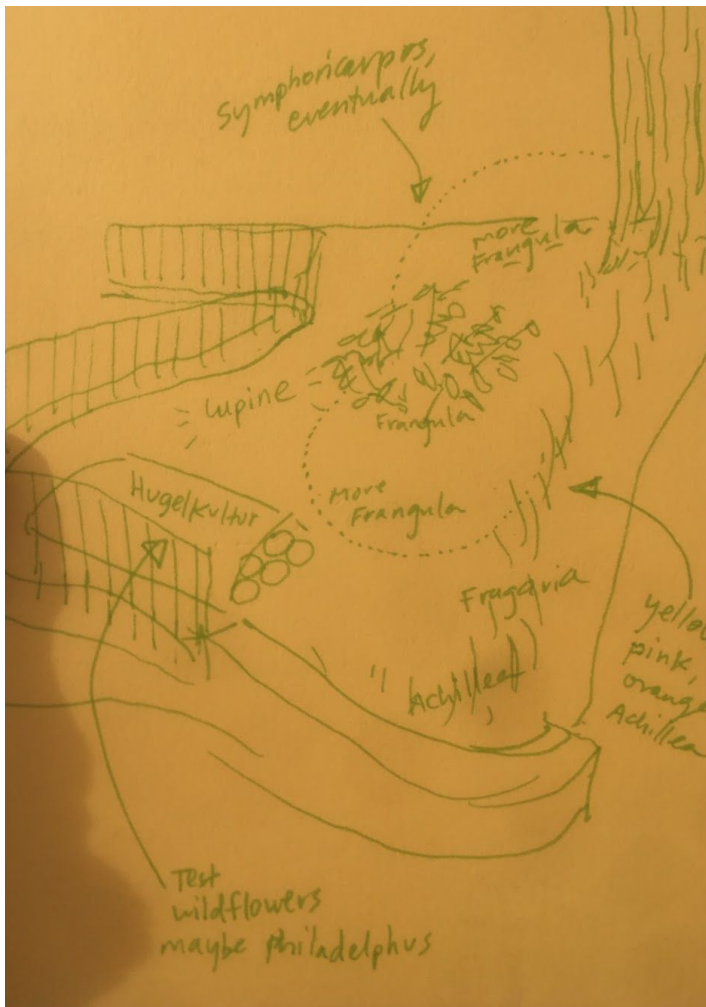
#### III. Planning

- There are already two thriving coffeeberry, and I will continue this theme of coffeeberry with more coffeeberry (*Frangula californica*), and disperse snowberry (*Symphoricarpos albus*) amongst them because it will provide visual interest. Also, it may attract birds?
- I want to disguise the fence a little bit and also add a showstopper of blooms, so I'm going to get *Philadelphus lewisii*. Bonus, it is fragrant.
- I will also sheet-mulch this area to keep the ehrharta at bay, until the shrubs grow in enough to shade it out.
- And on top of that I will add some *Fragaria vesca* and maybe also *Achillea* cultivars to line the path. Palette will be primarily white and green, along with some multicolored *Achillea*.

#### IV. Development

- Sample Drawings





- V. Implementation
- Lift pine --DONE
  - Remove cotoneaster and bramble --DONE

- Sheet mulch and suffocate weeds
  - this begins a layer of organic material that will then break down
- Remove rubus to make room for a 3" minimum layer of mulch
- Replace current heads with heads that have built-in check-valve
- Order plants
  - *Philadelphus* sp --DONE
  - *Frangula californica* --DONE
  - *Symphoricarpos albus*
  - *Fragaria vesca*
  - *Achillea millefolium*
  - *Lupinus* sp. (already present)
  - *Salvia uliginosa*?? because nursery didn't have *Symphoricarpos*
- Plant plants
- Maintenance Plan
  - Irrigation is present. Occasional pruning. Replenish mulch as necessary. No other foreseen maintenance.

## VII. Plants Appendix



- *Frangula californica* 'Eve Case'
  - Foliage: elliptical green
  - Inflorescence: inconspicuous yellow-green
  - Height: 4-6' with pruning (otherwise 6-8'+)
  - Width: 4-6' with pruning (otherwise 6-8'+)
  - Sun: sun or shade
  - Water: low, drought tolerant
  - Growth Rate: moderate
  - Approximate Bloom Time: spring, has berries after flowering





- *Symphoricarpos albus*
  - Foliage: oblong elliptical blue-green
  - Inflorescence: pink
  - Height: 3-6'
  - Width: 3-6'
  - Sun: part shade to full sun
  - Water: medium, moist and well-drained soils
  - Growth Rate: will sucker, deciduous, cut back to 1' to retain soft foliage
  - Approximate Bloom Time: June to July, can have white berries through fall and winter



- *Fragaria vesca*
  - Foliage: small trifoliate toothed dark green
  - Inflorescence: white with yellow center
  - Height: 0.25-0.75'
  - Width: 0.75-1' spreading
  - Sun: full sun to part shade (prefers full sun)
  - Water: medium
  - Growth Rate: ? spreading by runners
  - Approximate Bloom Time: May to August



- *Achillea millefolium* CULTIVARS

- Foliage: green, feathery
- Inflorescence: umbel of orange/pink/red (fades over bloomtime)
- Height: 1-2'
- Width: 1-2'
- Sun: full sun
- Water: dry to medium
- Growth Rate: fast. deadhead
- Approximate Bloom Time: summer to fall



- *Philadelphus lewisii*

- Foliage: elliptical green
- Inflorescence: 2" white with pale yellow center
- Height: 5-6'
- Width: 5-6'
- Sun: full sun to part shade
- Water: drought tolerant but will flower better with water
- Growth Rate: fast, deciduous
- Approximate Bloom Time: late spring to early summer



- *Salvia uliginosa*
  - Foliage: lanceolate yellowgreen leaves
  - Inflorescence: blue spike
  - Height: 4-6'
  - Width: 4-6'
  - Sun: full sun
  - Water: prefers moist well drained but can tolerate dry
  - Growth Rate: spread by rhizomes, can be cut back
  - Approximate Bloom Time: late spring to fall