

Jessica Kwok  
McCoppin Square  
May 13, 2020  
Tennis Court Windbreak

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



South



North

- I. Observation
  - Summary:
    - South side: a planting bed that has been defined by a wooden border (overgrown, but we can bring it back). Currently houses Ceanothus as a hedge, but Ceanothus has gotten overgrown with weeds such as Crocosmia, Cotoneaster, and Ehrharta.
    - North side: a wasteland that a gopher is currently wreaking havoc in. has some Lupinus that self-seeded that I don't want to kill.
  - Topography: South: flat, top of lawnhill overlooking Taraval. North: sandy hill
  - Exposure: full sun, direct in the morning and early afternoon.
  - Irrigation: South: station 20, North: has QC and some non-functioning sprinkler heads (no idea what station)
  - Wind: yes
  - Pests: gopher, ehrharta, mallow, Sonchus
  - Notes:
    - could restore to turf but I want to use this opportunity to get more trees going. Also providing tennis court with some windbreak is a bonus.
  - What's there now:
    - Horrible ceanothus nightmare south, weeds north
- II. Visioning
  - A formal hedge border (except with trees; i don't know the technical term)
  - it will be very uniform. All the same trees. Very neat looking
- III. Planning

- I haven't yet done the measurements but I have access to a good number of *Melaleuca leucadendra* (already present in nearby lawn) and *Melaleuca nesophila* (not present in this park but it goes with the *Melaleuca* theme and is wind and drought-tolerant)

- Currently thinking that I will use *M. leucadendra* for the south side, as it is more upright and orderly looking, and *M. nesophila* for the north side, where it can eventually be an understory tree to the pine and cypress that are there now. I did snap the leader of that cypress (I am so sorry) so we will see how much of an overstory tree it becomes. I have low hopes.

- should I add some sort of low-growing ground cover? TBD



REVISED PLANNING June 17th, 2020

- put in fewer trees. After winching, I have noticed that people like to sit on the concrete border. Also, people like to sit in the shade of trees. I have determined that it will be optimal to plant five trees on the South side, because when they mature, they will blend into the spacing of the existing trees. The formal treeline I suggested earlier would not go with this casual tree look.

June 30th, 2020:

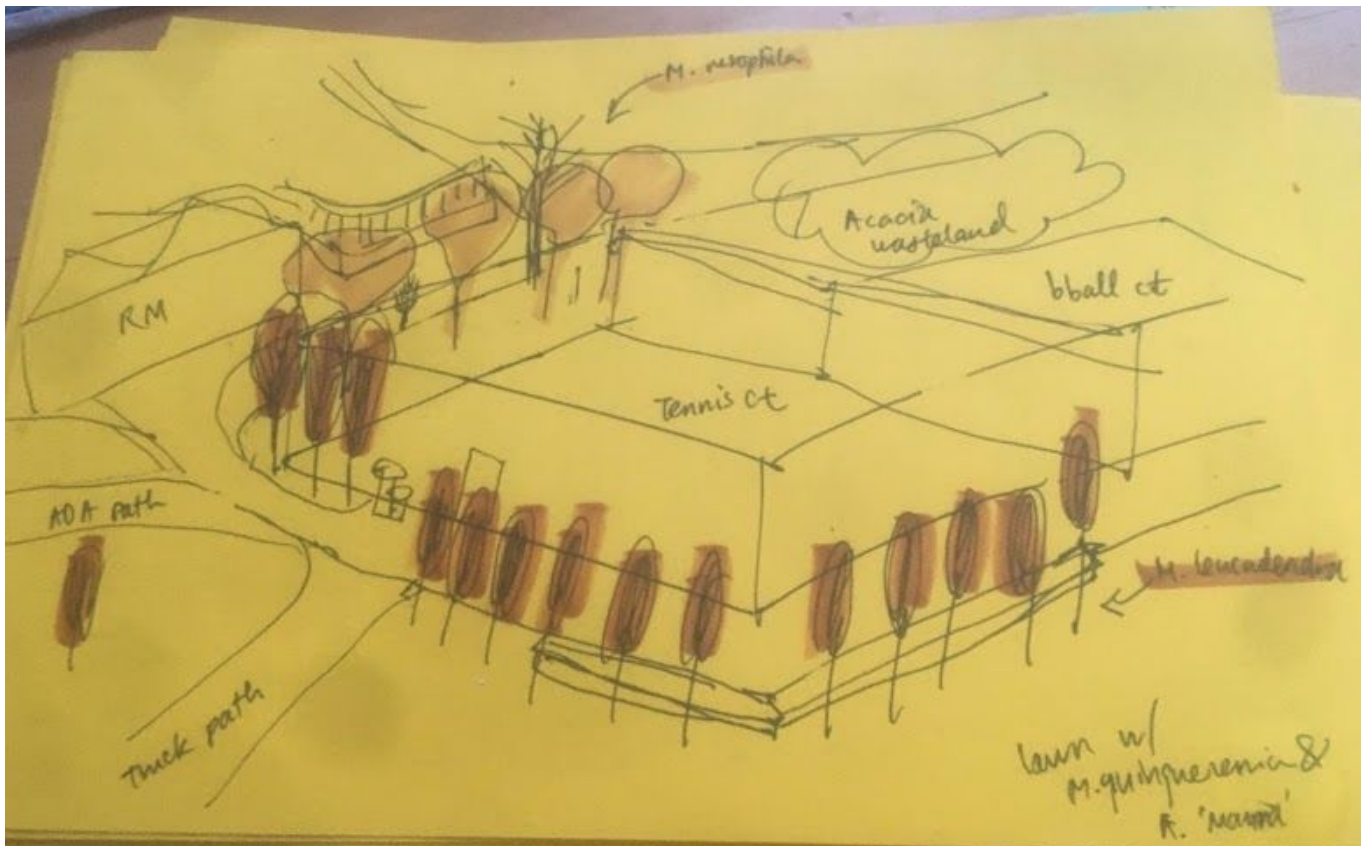
I have put in the five *Melaleuca leucadendra*. Now I am waiting for weeds to sprout so I can kill them and then sheetmulch using fines. Have not yet decided if I will add ground cover? Or just seed with grass

I am pausing this project for the north side as it requires more planning and clearing the area. Maybe for this year I will let the lupine seed themselves

#### IV. Development

- Sample Drawings





#### V. Implementation

- Winch --DONE
- Measure, determine number of trees needed
- Grub
- Plant and stake trees
- Sheetmulch
- Maintenance Plan
  - Hand-watering to establish or Station 20. Probably will need to weed from time to time as the neighboring turf will seed in the mulch

#### VII. Plants Appendix



#### - *Melaleuca nesophila*

- Foliage: small light green, fragrant
- Inflorescence: pink puffballs
- Height: 20'

- Width: 8-12'
- Sun: full sun
- Water: low
- Growth Rate: moderately fast
- Approximate Bloom Time: spring/summer



- *Melaleuca leucadendra*
  - Foliage: weeping, linear to lanceolate
  - Inflorescence: white
  - Height: 30-70' (usually 30')
  - Width: 10-15'
  - Sun: full sun
  - Water: low
  - Growth Rate: moderately fast
  - Approximate Bloom Time: summer