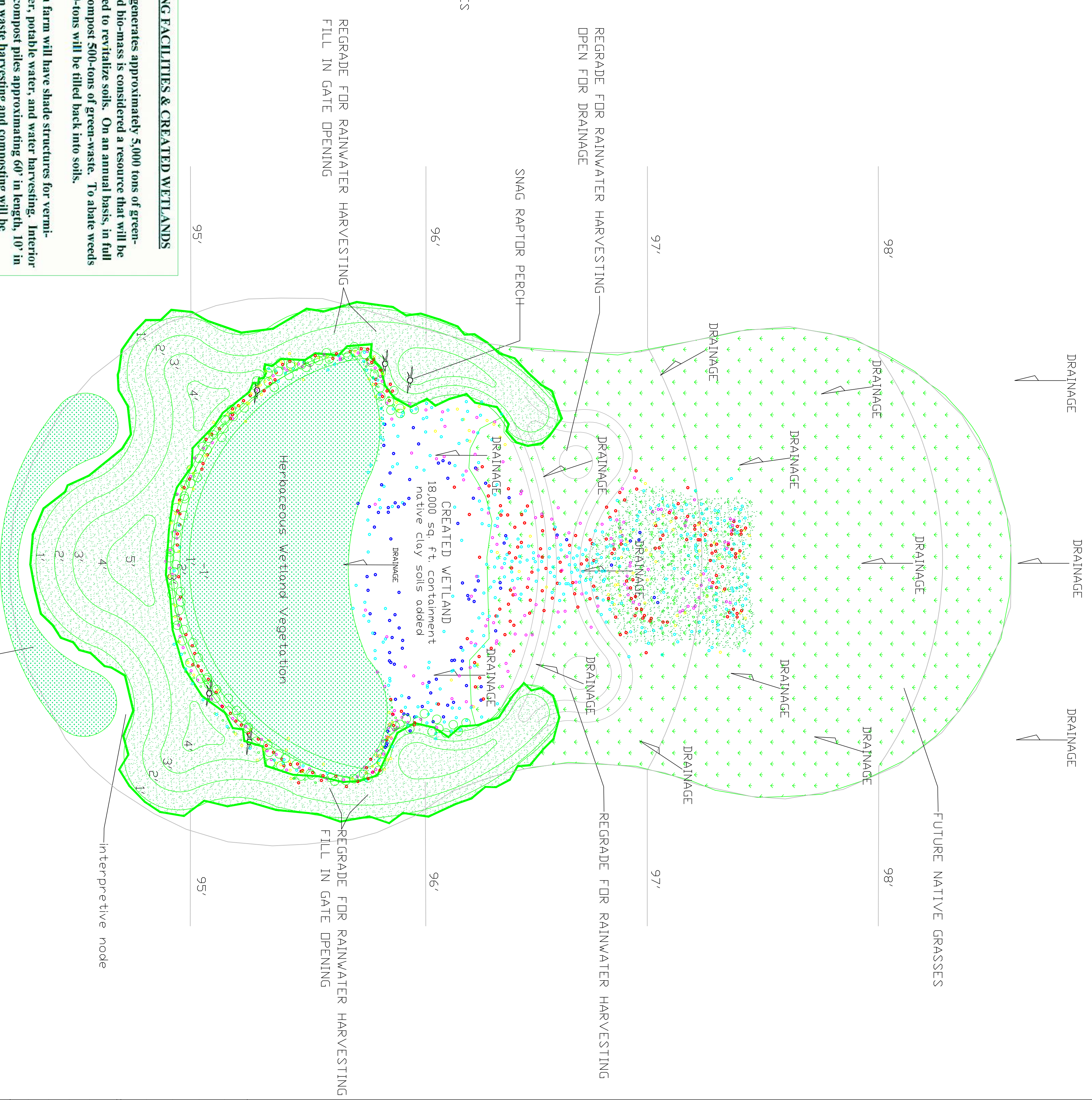


TERRA FARM, COMPOSTING FACILITY, SIDE VIEW (PCH and Warner Ave.)
SCALE: 1" = 10'



TERRA-FARM COMPOSTING FACILITIES & CREATED WETLANDS

On an annual basis the *Mesq* generates approximately 5,000 tons of green-waste (weeds) bio-mass. Weed bio-mass is considered a resource that will be harvested, composted, and used to revitalize soils. On an annual basis, in full operation, *Terra-Farms* will compost 500-tons of green-waste. To shade weeds and increase fifth another 500-tons will be filled back into soils.

To facilitate composting, each farm will have shade structures for vermiculture operations, solar power, potable water, and water harvesting. Interior the farms there will be three compost piles approximating 60' in length, 10' in width, and 6' in height. Green waste harvesting and composting will be managed by professional composters and volunteer laborers. Vermiculture will be restricted to units maintained within a shade structure and covered with coverlage netting.

Terra-Farms will be used for only ten-years. At the end of their life-cycle they will be transformed into rainwater harvesting, micro-wetlands. The contoured landforms adjacent the grass fields will be moved to fill in the service trail entries. Soils in the interior area that once held composting and nursery facilities will be modified slightly with clay to increase water holding capacity. Existing hydraulic gradient, rainwater harvesting fields and bio-swailes will be maintained. Retention slopes will be vegetated with native plants. The bio-swailes and wetlands will be supplemented with herbaceous vegetation and flowering annuals.

CREATED WETLANDS (POST TERRA-FARMS)

Nursery moved to next location, native grass fields maintained & earthworks modified to capture rainwater for herbaceous wetlands

HERBACEOUS WETLAND VEGETATION

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