



REDDING LIBRARY
GREEN ROOF

PLANNING

Shasta County Library

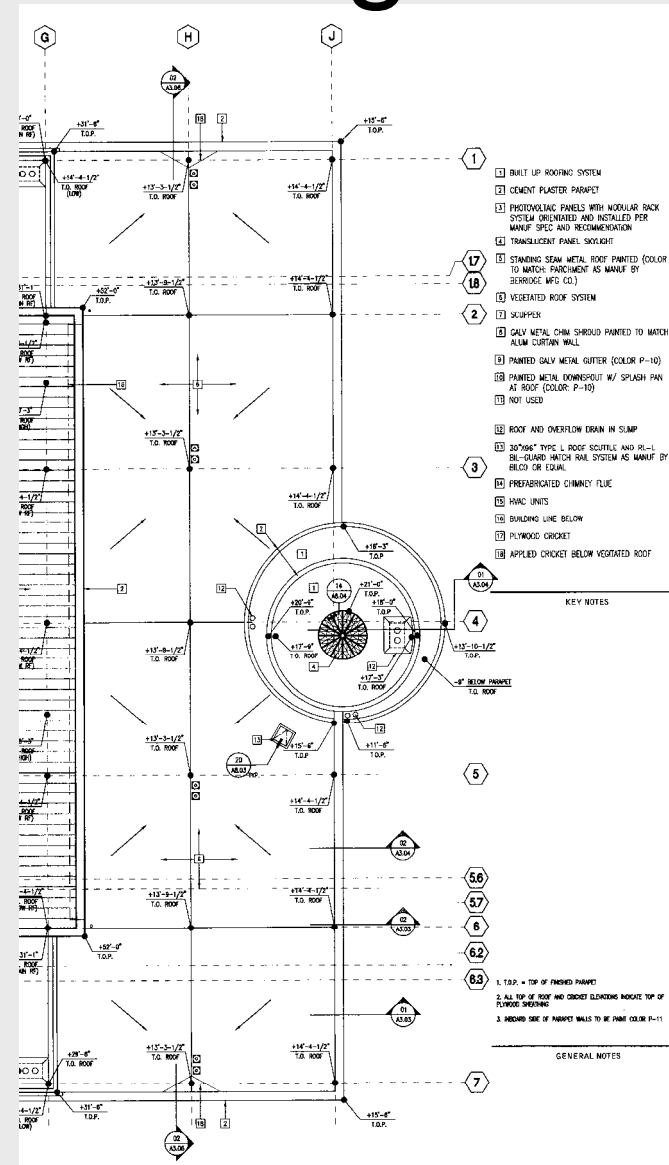


WEST ELEVATION

- Citizen need – Grant availability
- Public design process – Desire for green features

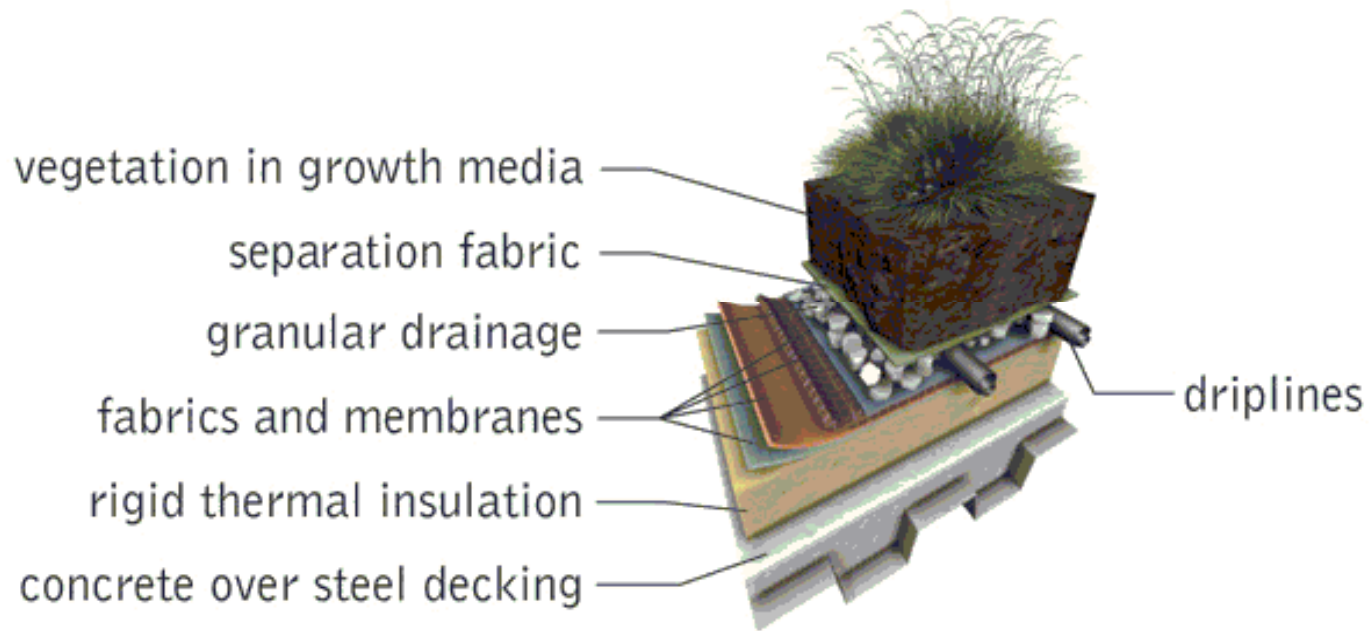
Green Roof Advantages

- Longer roof life
- More insulation
- Storm water filtration/retention



Basic Design

- 20-year PVC Roof
 - “Standard” cricket design
 - Standard roof drains
- Electric hole location



The Plants



- Selected for:
 - Low water need
 - Low maintenance
 - Year-round green
 - Staggered bloom



- They are:
 - Geranium “Reussell Prichard”
 - Oenothera Speciosa
 - Briza Media
 - Penstemon Digitalis
 - Salvia Nemosa
 - Festuca Glauca
 - Penstemon Gracilis
 - Prunella Grandiflora
 - Tulipa Tarda
 - Carex Testacea
 - Eschscholzia Californica



Maintenance



- Exposed, temporary irrigation.
- “Regular” fertilizing and weed control.

Questions