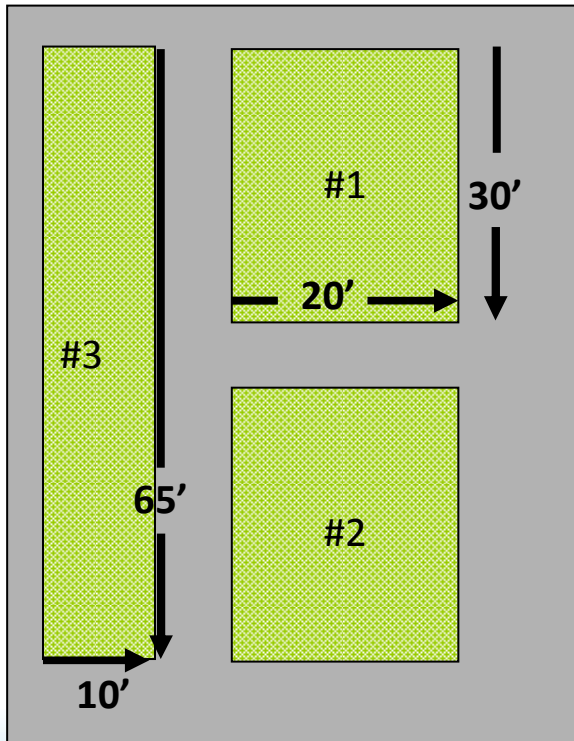


MAWA

- Maximum Appplied Water Allowance
- Also referred to as the “Water Budget”
- Sets the upper limit of how much water (in gallons per year) may be lawfully applied based on the size of the landscape
- $MAWA = 35.1 \times 0.62 \times [(0.7 \times LA) + (0.3 \times SLA)]$
 - 35.1 = San Francisco’s reference evapotranspiration rate, in inch/yr
 - 0.62 = Conversion factor to convert inches/year to gallons/yr
 - 0.7 = Evapotranspiration (ET) adjustment factor
 - LA = Size of the total landscape area, in sq. ft.
 - 0.3 = Additional water allowance determined by the state
 - SLA = Size of the Special Landscape Area, in sq. ft (edible landscape areas are considered a Special Landscape Area)
- A MAWA online calculator is also available

Example



Area	Width x Length	Square Footage
Edible Garden Bed #1	20' x 30'	600
Edible Garden Bed #2	20' x 30'	600
Garden Bed #3	10' x 65'	650
Total		1,850

- LA = 1,850 square feet
- SLA = 1,200 square feet

$$\text{MAWA} = 35.1 \times 0.62 \times [(0.7 \times \text{LA}) + (0.3 \times \text{SLA})]$$

$$\text{MAWA} = 35.1 \times 0.62 \times [(0.7 \times 1,850) + (0.3 \times 1,200)]$$

This garden's MAWA = 28,542 gal/yr