

GAR Calculations Worksheet

GAR Elements	Multiplier	Square footage proposed	# proposed	native species bonus	food cultivation bonus	irrigation bonus*
Landscaped areas with a soil depth of less than 24" (b, c)	0.3	1420			<input type="checkbox"/>	<input type="checkbox"/>
Landscaped areas with a soil depth of 24" or more (b, c)	0.6	9480			<input type="checkbox"/>	<input type="checkbox"/>
Ground covers, or other plants less than 2' tall at maturity (a, b, c)	0.2	9480		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plants, not including grasses, at least 2' tall at maturity (a, b, c)	0.3		250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tree canopy for all trees, 2.5" to 6" in diameter (a, c)	0.5		61	<input type="checkbox"/>		<input type="checkbox"/>
Tree canopy for new trees 6.1" to 12" in diameter (a, c)	0.6			<input type="checkbox"/>		<input type="checkbox"/>
Tree canopy for new trees 12.1" in diameter and above (a, c)	0.7			<input type="checkbox"/>		<input type="checkbox"/>
Tree canopy for preservation of existing trees 18" to 24" in diameter (c)	0.7					<input type="checkbox"/>
Tree canopy for preservation of existing trees 24" diameter or larger (c)	0.8					<input type="checkbox"/>
Vegetated walls, plantings on a vertical element (b, c)	0.6				<input type="checkbox"/>	<input type="checkbox"/>
Extensive green roof over at least 2" but less than 8" of growth medium (b, c)	0.7	1420			<input type="checkbox"/>	<input type="checkbox"/>
Intensive green roof over at least 8" of growth medium (b, c)	0.8	1435			<input type="checkbox"/>	<input type="checkbox"/>
Permeable/Porous/Pervious paving or a deck atop at least 6" and less than 2' of soil or gravel	0.4					
Permeable/Porous/Pervious paving or a deck atop at least 2' of soil or gravel	0.5	3500				
Enhanced tree growth systems (see definitions)	0.4					
Bioretention facilities (see definitions)	0.4					
Retention or Detention tanks (in cubic feet)	0.3	4334				
WaterSense certified fixtures (check if <b>all</b> fixtures in kitchen and bath comply)	0.3	<input type="checkbox"/>				
Water features (fountains, pools, etc.) using at least 50% recycled water, harvested water, and/or gray water *	0.2					

Lot area	67453
<b>TOTAL GAR PROPOSED</b>	0.26

GAR Required = 0.25

Note: Permeable/Porous/Pervious paving credits may not exceed 1/3 of the total GAR proposed.

\* Irrigation bonus for harvested (see definitions) or graywater irrigation system requires using at least 50% recycled water, harvested water, and/or graywater \*