



GAR CALCULATIONS - STREET LEVEL

- VEGETATED ROOF AREA (8" OR MORE) = 24,067 SF
- VEGETATED ROOF AREA (LESS THAN 8") = 10,328 SF
- LANDSCAPE AREA (24" OR MORE) AREA = 1,046 SF
- NEW TREE CANOPY (2.5"-6" DIA) = 30 TREES
- NEW PLANTS (2'-0" OR TALLER) = 200 SHRUBS

Green Area Ratio Scoresheet		Word	Lot	Square	Zoning District
Address: 4330 48th Street - Lady Bird					MU-4
Other / BZA Order: []		enter sq ft of lot	79,673	multipl	SCORE: 0.313
Lot size (enter this value first) *					
Landscape Elements					
A Landscaped areas (select one of the following for each area)		Square Ft.	Factor	Total	
1 Landscaped areas with a soil depth of less than 24"		enter sq ft	0.3	-	
2 Landscaped areas with a soil depth of 24" or greater		enter sq ft	0.6	942.6	
3 Bioretention facilities		enter sq ft	0.4	-	
B Plantings (credit for plants in landscaped areas from Section A)		enter sq ft			
1 Groundcovers, or other plants less than 2' tall at maturity		enter number of plants	0.2	-	
2 Plants, not including grasses, 2' or taller at maturity - calculated at 9 sq ft per plant (typically planted no closer than 18" on center)		250	2250	0.3	675.0
3 Tree canopy for all new trees 2.5" to 6" diameter or equivalent - calculated at 50 sq ft per tree		enter number of trees	1500	0.5	750.0
4 Tree canopy for new trees 6" diameter or larger or equivalent - calculated at 250 sq ft per tree		enter number of trees	0	0.6	-
5 Tree canopy for preservation of existing tree 6" to 12" diameter or larger or equivalent - calculated at 250 sq ft per tree		enter number of trees	0	0.7	-
6 Tree canopy for preservation of existing tree 12" to 18" diameter or larger or equivalent - calculated at 600 sq ft per tree		enter number of trees	0	0.7	-
7 Tree canopy for preservation of all existing trees 18" to 24" dia. or equivalent - calculated at 1300 sq ft per tree		enter number of trees	0	0.7	-
8 Tree canopy for preservation of all existing trees 24" diameter or larger or equivalent - calculated at 2000 sq ft per tree		enter number of trees	0	0.8	-
9 Vegetated wall, plantings on a vertical surface		enter sq ft	0.6	-	
C Vegetated or "green" roofs		enter sq ft			
1 Over at least 2" and less than 8" of growth medium		29,253	0.6	17,551.8	
2 Over at least 8" of growth medium		6,274	0.8	5,019.2	
D Permeable Paving***		enter sq ft			
1 Permeable paving over at least 6" and less than 24" of soil or gravel		0	0.4	-	
2 Permeable paving over at least 24" of soil or gravel		0	0.5	-	
E Other		enter sq ft			
1 Enhanced tree growth systems***		0	0.4	-	
2 Renewable energy generation		0	0.5	-	
3 Approved water features		0	0.2	-	
H Bonuses		sub-total of sq ft = 40,848			
1 Native plant species		enter sq ft	0.1	-	
2 Landscaping in food cultivation		enter sq ft	0.1	-	
3 Harvested stormwater irrigation		enter sq ft	0.1	-	
		Green Area Ratio numerator =		24,939	
*** Permeable paving and structural soil together may not qualify for more than one third of the Green Area Ratio score.					
Total square footage of all permeable paving and enhanced tree growth					

© 2016 Torti Gallas Urban, Inc. | 1326 H Street NE 2nd Floor Washington, DC 20002

GAR CALCULATIONS

NOVEMBER 8, 2017

L15