

Green Area Ratio Scoresheet			
	Address 1309 5th Street NE	Ward	Lot
	Other / BZA Order PUD 14-12	Square	Zoning District
		enter sq ft of lot	multipl
		42,910	SCORE 0.201
Landscape Elements			
		Square Ft.	Factor
			Total
A Landscaped areas (select one of the following for each area)			
1	Landscaped areas with a soil depth of less than 24"	enter sq ft 0	0.3
			-
2	Landscaped areas with a soil depth of 24" or greater	enter sq ft 1,500	0.6
			900.0
3	Bioretention facilities	enter sq ft 0	0.4
			-
B Plantings (credit for plants in landscaped areas from Section A)			
1	Groundcovers, or other plants less than 2' tall at maturity	enter sq ft 1,500	0.2
			300.0
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)	enter number of plants 180	1620
			0.3
			486.0
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 0	0
			0.5
			-
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
			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
			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
			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
			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
			0.8
			-
9	Vegetated wall, plantings on a vertical surface	enter sq ft	0.6
			-
C Vegetated or "green" roofs			
1	Over at least 2" and less than 8" of growth medium	enter sq ft 11,200	0.6
			6,720.0
2	Over at least 8" of growth medium	enter sq ft	0.8
			-
D Permeable Paving***			
1	Permeable paving over at least 6" and less than 24" of soil or gravel	enter sq ft 0	0.4
			-
2	Permeable paving over at least 24" of soil or gravel	enter sq ft 0	0.5
			-
E Other			
1	Enhanced tree growth systems***	enter sq ft 0	0.4
			-
2	Renewable energy generation	enter sq ft 0	0.5
			-
3	Approved water features	enter sq ft 0	0.2
			-
sub-total of sq ft = 15,820			
H Bonuses			
1	Native plant species	enter sq ft 0	0.1
			-
2	Landscaping in food cultivation	enter sq ft 2,000	0.1
			200.0
3	Harvested stormwater irrigation	enter sq ft 0	0.1
			-
			Green Area Ratio numerator = 8,606
*** 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 -

Summary of GAR Measures – South Building

Each building will achieve a GAR score of 0.20 as required by the proposed C-3-C zoning district. As there are two buildings on the lot, the GAR for each building will be calculated on half the lot area.

The GAR scorecard shown on sheet C-200 of the application is an example of how the subject building might achieve this score. The measures would include items such as these:

- an 11,200 SF green roof with 7" of depth
- 2,000 SF of roof area devoted to hydroponic vegetable cultivation for a tenant in Union Market
- 1,500 SF of planting beds at grade, which include 1,500 SF of groundcover and 20 shrubs (2' or taller at maturity).