

# Damascus Community Design Workshop

# Numeric Targets

## Community Information Details

## Community Numeric Summary

### Community Input

Gross site area	13,800 acres
Site preservation	4,200 acres
Site density	4.5 units per acre
Dwelling Density	2.5 people per unit

### Community Output

Net Community Size	9,600 net acres
Community Density	11.25 people per acre
Community Dwellings	43,200 dwelling units
Community Population	108,000 total people

### Community Footprint

**13,652 acres**      **98.9%**

### Community Open Space

**5,598 acres**      **40.6%**

Site preservation	4,200 acres	30.4%
Recreation	918 acres	6.7%
Agriculture	480 acres	3.5%

### Community Development

**8,054 acres**      **58.4%**

Institution	511 acres	3.7%
Commercial	469 acres	3.4%
Residential	5,216 acres	37.8%
Infrastructure	1,859 acres	13.5%

## Recreation

**Recreation**      **918 acres**

Active Recreation	4.0 acres per	1000 population	432 acres
Passive Recreation	4.5 acres per	1000 population	486 acres

## Agriculture

**Agriculture**      **480 acres**

Urban Agriculture	5.0% of net site area	480 acres
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## Institution

**Institution**      **511 acres**

Elementary School	1.0 facility per	4,000 population	27 facilities	108 acres
	16,000 sq. ft. per	1 facility	432,000 sq. ft.	
	4.0 acres per	1 facility		
Middle School	1.0 facility per	12,000 population	9 facilities	126 acres
	50,000 sq. ft. per	1 facility	450,000 sq. ft.	
	14.0 acres per	1 facility		

High School	1.0 facility per 125,000 sq. ft. per 32.0 acres per	25,000 population 1 facility 1 facility	4 facilities 500,000 sq. ft.	128 acres
Child Care	1.0 facility per 2,500 sq. ft. per 0.2 acres per	1,000 population 1 facility 1 facility	108 facilities 270,000 sq. ft.	22 acres
Community Center	1.0 facility per 36,000 sq. ft. per 2.5 acres per	25,000 population 1 facility 1 facility	4 facilities 144,000 sq. ft.	10 acres
Health Care Center	1.0 facility per 6,000 sq. ft. per 0.5 acres per	10,000 population 1 facility 1 facility	11 facilities 66,000 sq. ft.	6 acres
Medical Center	1.0 facility per 100,000 sq. ft. per 20.0 acres per	100,000 population 1 facility 1 facility	1 facilities 100,000 sq. ft.	20 acres
Police / Fire Station	1.0 facility per 100,000 sq. ft. per 8.0 acres per	100,000 population 1 facility 1 facility	1 facilities 100,000 sq. ft.	8 acres
Police / Fire Hall	1.0 facility per 6,000 sq. ft. per 0.5 acres per	20,000 population 1 facility 1 facility	5 facilities 30,000 sq. ft.	3 acres
Church / Chapel	1.0 facility per 20,000 sq. ft. per 1.5 acres per	2,000 population 1 facility 1 facility	54 facilities 1,080,000 sq. ft.	81 acres
<b>Institution Total</b>			<b>3,172,000 sq. ft.</b>	<b>511 acres</b>

<b>Commercial</b>			<b>Commercial</b>	<b>469 acres</b>
Commercial	30,000 sq. ft. per 60% coverage	1,000 population	3,240,000 sq. ft.	124 acres
Industrial	32,200 sq. ft. per 40% coverage	1,000 population	3,477,600 sq. ft.	200 acres
Industrial / Office	13,500 sq. ft. per 30% coverage	1,000 population	1,458,000 sq. ft.	112 acres
Live / Work	13,500 sq. ft. per 100% coverage	1,000 population	1,458,000 sq. ft.	33 acres

**Commercial Total**

9,633,600 sq. ft.

469 acres

**Residential****Residential****5,216 acres**

Rural Lot Single	1 dwelling units 3.0% of community	1 acre	1,296 dwelling units	1,296 acres
Large Lot Single	4 dwelling units 13.0% of community	1 acre	5,616 dwelling units	1,404 acres
Small Lot Single	8 dwelling units 14.0% of community	1 acre	6,048 dwelling units	756 acres
Single Home + Flat	8 dwelling units 20.0% of community	1 acre	8,640 dwelling units	1,080 acres
Duplex Home	16 dwelling units 10.0% of community	1 acre	4,320 dwelling units	270 acres
Attached Single	20 dwelling units 10.0% of community	1 acre	4,320 dwelling units	216 acres
Stack Townhouse	40 dwelling units 10.0% of community	1 acre	4,320 dwelling units	108 acres
Low Rise Apartment	50 dwelling units 10.0% of community	1 acre	4,320 dwelling units	86 acres
Mixed Use Housing	35 dwelling units 10.0% of community	1 acre	4,320 dwelling units	0 acres
<b>Residential Total</b>	<b>100.0% of community</b>		<b>43,200 dwelling units</b>	<b>5,216 acres</b>

**Infrastructure****Infrastructure****1859 acres**

Community Roads	30% of developed	6,196 acres	1859 acres
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