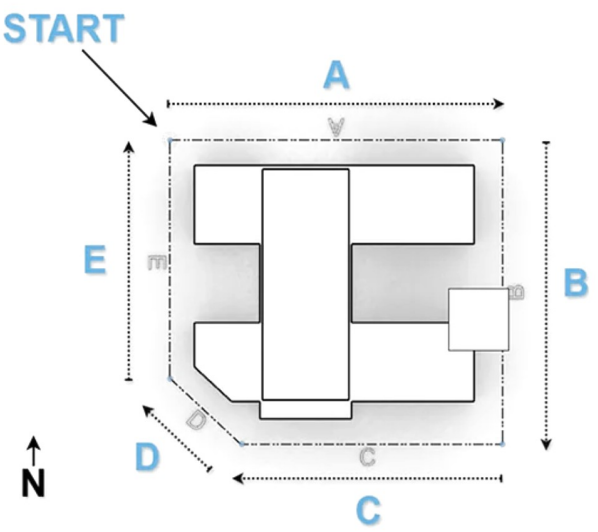
Squarics Feasibility Study Worksheet

Category	Your Answer	Units/Format	Additional Information
Site Information			
Project Name or Address			Add Address to include context buildings.
Upload Property Line		*.dwg or .pdf file format*	Ensure the property line is continuous, flat, and at most 13 segments (see property segment below for more information).
Area Efficiency Targets			
GFA (%)		*%*	This is a % attained by dividing the GCA by GCA. Leave blank if unknown.
NSA (%)		*%*	This is a % attained by dividing the NSA by GCA. Leave blank if unknown.
Tower Dimensions			
Option 1 - Width		*m*	Provide the overall width and length of width of the tower floorplate. If you're unsure on which floorplate dimensions are best, leave blank and let the Squarics Generator will choose.
Option 1 - Length		*m*	
Option 2 - Width		*m*	
Option 2 - Length		*m*	Note: If you only fill in one Option (ie Option 1's Width & Length) the Generator assumes that this is the only option you wish to test. Please add a note in the additional information section if you'd like the software to test other tower floorplate options.
Option 3 - Width		*m*	
Option 3 - Length		*m*	
Option 4 - Width		*m*	
Option 4 - Length		*m*	
Balconies			
Balcony Depth		*m*	Input depth of balcony perpendicular to the façade.
Setbacks			
Tower Setback - Segment A		*m*	Starting from the most Northwest property line point, identify each segment of the property line and continuing clockwise around the entire property line boundary.
Podium Setback - Segment A		*m*	
Tower Setback - Segment B		*m*	
Podium Setback - Segment B		*m*	A segment refers to each straight line, any time the property line
Tower Setback - Segment C		*m*	
Podium Setback - Segment C		*m*	
Tower Setback - Segment D		*m*	
Podium Setback - Segment D		*m*	
Tower Setback - Segment E		*m*	
Podium Setback - Segment E		*m*	
Tower Setback - Segment F		*m*	
Podium Setback - Segment F		*m*	
Tower Setback - Segment G		*m*	
Podium Setback - Segment G		*m*	
Tower Setback - Segment H		*m*	
Podium Setback - Segment H		*m*	
Tower Setback - Segment I		*m*	
Podium Setback - Segment I		*m*	
Tower Setback - Segment J		*m*	
Podium Setback - Segment J		*m*	
Tower Setback - Segment K		*m*	
Podium Setback - Segment K		*m*	
Tower Setback - Segment L		*m*	
Podium Setback - Segment L		*m*	
Tower Setback - Segment M		*m*	
Podium Setback - Segment M		*m*	



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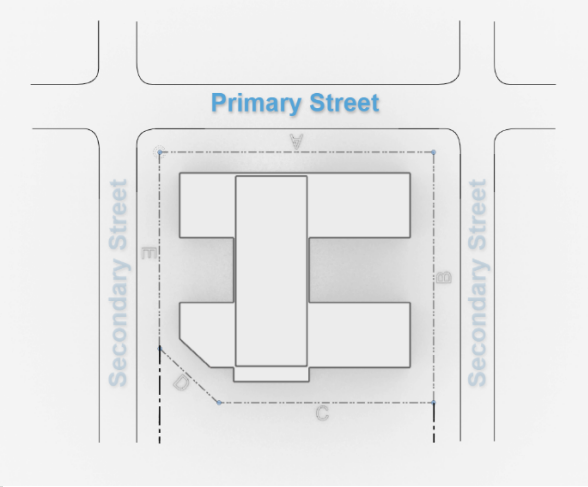
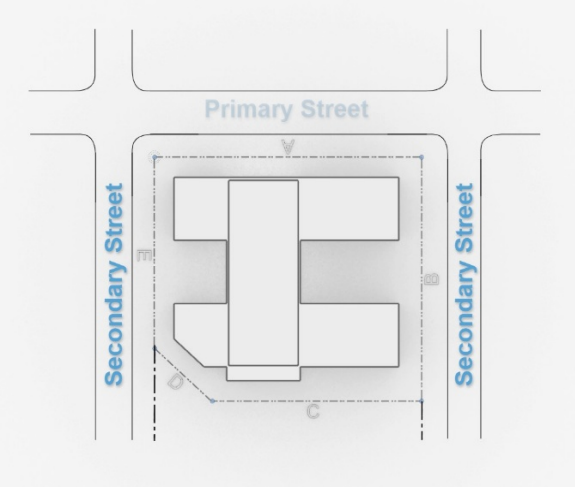
Category	Your Answer	Units/Format	Additional Information
Street Location - Primary Street			
Segment		*A or B or C... etc.*	Identify which of your property's segment is adjacent to a primary street. Maximum 1 street.
			
Street Locations - Secondary Street(s)			
Segment(s)		*A and/or B and/or C... etc.*	Identify any other streets by their adjacent segment.
			
Property Lines to Avoid			
Segment(s)		*A and/or B and/or C... etc.*	Identify any segments of your property line that the building should try to avoid. For example if you'd like to avoid overshadowing a neighbour or a park simply identfiy the property line and the Squarics Generator will optimize the tower locaiton to suit.
Building & Floor Heights			
Maximum Overall Building Height		*m*	Define the overall Building height.
Tower Floor-to-Floor Height		*m*	Tower Levels - Identify the height between floor levels (including floor slab).
Maximum **Podium** Building Height		*m*	Define the overall Podium height.
Podium Floor-to-Floor Height		*m*	Podium Levels - Identify the height between floor levels (including floor slab).
Ground Level Floor-to-Floor Height		*m*	Tower Levels - Identify the height between floor levels (including floor slab).
Podium Widths & Separation Distances			
Stepback Distance from Tower to Podium		*m*	If you'd like the podium to be offset or recessed from the tower, identfiy the horizontal distance between facades.
Minimum Podium Seperation distance		*m*	Minimum distance betweeon different parts of the Podium measured horizontally.
View Direction to Maximize			
Preffered View		*North, East, South, West*	Identfiy the preffered view from the interior of the building outwards. Ie to maximize the building's user's exposure to sunlight or a feature iun the surrounding area.

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Category	Your Answer	Units/Format	Additional Information
Target unit Size & Mix			
Studio			
Target Number of Studios		%	Input the overall percentage of this unit type relative to all units.
Target Area of Studios		m	Input the targeted area in square meters of this unit type.
1 Bedroom			
Target Number of 1 Bedroom		%	Input the overall percentage of this unit type relative to all units.
Target Area of 1 Bedroom		m	Input the targeted area in square meters of this unit type.
1 Bedroom + Den			
Target Number of 1 Bedroom + Den		%	Input the overall percentage of this unit type relative to all units.
Target Area of 1 Bedroom + Den		m	Input the targeted area in square meters of this unit type.
2 Bedroom			
Target Number of 2 Bedroom		%	Input the overall percentage of this unit type relative to all units.
Target Area of 2 Bedroom		m	Input the targeted area in square meters of this unit type.
2 Bedroom + Den			
Target Number of 2 Bedroom + Den		%	Input the overall percentage of this unit type relative to all units.
Target Area of 2 Bedroom + Den		m	Input the targeted area in square meters of this unit type.
3 Bedroom			
Target Number of 3 Bedroom		%	Input the overall percentage of this unit type relative to all units.
Target Area of 3 Bedroom		m	Input the targeted area in square meters of this unit type.
3 Bedroom + Den			
Target Number of 3 Bedroom + Den		%	Input the overall percentage of this unit type relative to all units.
Target Area of 3 Bedroom + Den		m	Input the targeted area in square meters of this unit type.

File Extension			
3D Massing Model File Format		*.skp, .dwg, .dxf, or .3dm*	Identify which file format you'd like to receive your massing file as.