

## SAVINGS BY DESIGN – COMMERCIAL VISIONING SESSION

The following form should be completed during the visioning session to help set the direction for the “Savings by Design” commercial builder charrette.

**PROPONENT NAME:**

**DATE OF VISIONING SESSION:**

### VISIONING SESSION ATTENDEES

NAME	ORGANIZATION	EMAIL

### 1. PROJECT OVERVIEW

<b>Official Project Name:</b>	
<b>Location:</b> (City, Address...)	
<b>Building Type</b> (Primary & Secondary Uses)	
<b>Size:</b> (GFA, # of Storeys, # of Units)	
<b>Amenities:</b>	
<b>Target Market:</b> (End-User, Tenant Profile, or Target Customer)	
<b>Market Positioning:</b> (Price Point, Brand positioning, value proposition)	
<b>Performance Target:</b> (LEED, Net-Zero)	

## 2. MARKET ISSUES

What issues at a municipal/regional level (economic/political/social) are significantly influencing your project?

*(Municipal Standards, Local Economics, Market Demand)*

## 3. SITE

Site Description:

Development Plan – coverage, site design features, etc...:

What site-specific issues are significantly influencing your project?

*(regulatory, geographic or environmental issues)*

## 4. BUILDING DESIGN

Describe your current design approach for the proposed building

<b>CONSTRUCTION</b>	<b>WHAT IS YOUR CURRENT DESIGN APPROACH?</b>
<b>Passive Design Strategies</b> Orientation, Massing	
<b>Core Structure</b> Type	
<b>Wall Construction</b> Type, R-value	
<b>Roof Construction</b> Type, R-value	
<b>Fenestration</b> Window Type Window to wall ratio	
<b>Foundation</b> Type	
<b>MECHANICALS</b>	<b>WHAT IS YOUR CURRENT DESIGN APPROACH?</b>
<b>Space Heating Equipment</b> Type, Efficiency	
<b>Space Cooling Equipment</b> Type, Efficiency	

<b>Ventilation</b> Type, Efficiency	
<b>Exhaust</b> Purpose, Type	
<b>Domestic Hot Water</b> Type, Efficiency	
<b>Pumps &amp; Fans</b> Types	
<b>Heat Recovery</b> Air, hot water	
<b>HVAC Controls</b> Sensors, Controls, Automation	
<b>ELECTRICAL</b>	
<b>Lighting</b> Lamp types, Design Strategy	
<b>Lighting Controls</b> Sensors, Control System	
<b>Appliances</b> Type installed	
<b>Other Plug Loads</b> Assumptions, Control Strategy	
<b>ENERGY GENERATION</b>	
<b>Generation System</b> Type, Design	
<b>Backup Power</b> Type, Purpose	
<b>Storage</b> Type	
<b>WATER CONSERVATION</b>	
<b>Plumbing Fixtures</b> Type, Efficiency	
<b>Irrigation</b> Type, Controls	
<b>Cooling Tower</b>	
<b>Water Recycling</b> System Description	
<b>SITE WATER</b>	
<b>Stormwater Management</b>	

Strategy	
<b>Groundwater Strategy</b>	
<b>MATERIALS</b>	
<b>Major Materials Type</b>	
<b>Sustainable Materials Goals, Strategy</b>	
<b>Construction Waste Management Goals, Strategy</b>	
<b>BUILDING OPERATIONS</b>	
<b>Waste Management</b>	
<b>Submetering</b>	
<b>Other</b>	

## 5. DESIGN IDEAS: TO BE EXPLORED

	<i>How interested are you in this issue? (1=poor &lt; 5= excellent)</i>	<i>What technologies and approaches are you most interested in exploring?</i>
<b>Overall Building Design</b> Layout, Massing & Orientation	<b>1 2 3 4 5</b>	
<b>Envelope Design</b>	<b>1 2 3 4 5</b>	
<b>Mechanicals</b>	<b>1 2 3 4 5</b>	
<b>Lighting/Electrical</b>	<b>1 2 3 4 5</b>	
<b>Renewable Energy</b>	<b>1 2 3 4 5</b>	
<b>Water Efficiency</b>	<b>1 2 3 4 5</b>	
<b>Site water/ Storm water</b>	<b>1 2 3 4 5</b>	
<b>Indoor Environmental Quality</b>	<b>1 2 3 4 5</b>	
<b>Urban Design/ Transportation</b>	<b>1 2 3 4 5</b>	
<b>Sustainable Materials</b>	<b>1 2 3 4 5</b>	

<b>Policies and Programs</b> Rating Systems, Code Changes, Emerging Regulation	1	2	3	4	5	
<b>Education, marketing and engagement</b>	1	2	3	4	5	
<b>Building Controls, Metering</b>	1	2	3	4	5	
Other	1	2	3	4	5	

## 6. CURRENT BUILDER PRACTICE ISSUES

Are you currently experiencing any challenges with your current design, construction and project management practices in pursuing environmental improvements? (*ie. Labour, procurement, quality, etc...*)

## 7. ACTION ITEMS

(To be completed following the visioning session)

### 1. Priority Experts & Specific Technologies to Explore

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### 2. Builder Participants for Charrette

-

### 3. Primary Contacts

- Coordinating Participants  
\_\_\_\_\_
- Drawings  
\_\_\_\_\_
- Technical Details for Energy Model and Expert Inquiries  
\_\_\_\_\_

### 4. Proposed Date and Location for Charrette:

\_\_\_\_\_