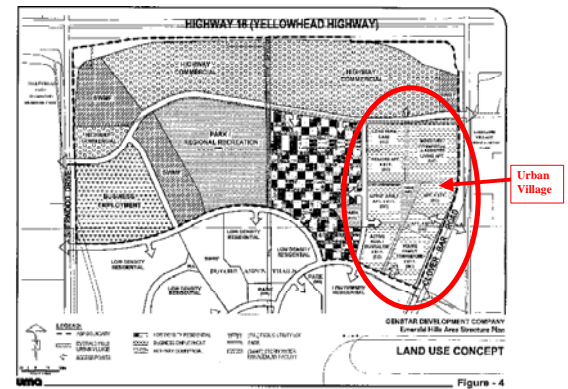


Emerald Hills Urban Village Concept Design Charrette

Emerald Hills Urban Village Background

The Emerald Hills Urban Village (EHUV) is a neighbourhood development covering just over 20 hectares (50 acres) in the community of Sherwood Park, immediately east of Edmonton, in the municipality of Strathcona County. It is embedded in the Emerald Hills Area Structure Plan, a 120 hectare (300 acre) development.

The EHUV was selected by the Sustainable Buildings and Communities (SBC) group, Natural Resources Canada (NRCan), to be the site of the first Sustainable Urban Neighbourhood (SUN) Pilot Project. The SUN Process, a holistic planning and integrated design methodology initially developed by the SBC group, is being applied to the EHUV site. The process seeks to understand how to incorporate sustainability into the planning, design and operation of urban developments.



Why is this project important?

This pilot project focuses specifically on how to assist the developer and the municipality in creating a neighbourhood that optimizes the synergies between economic, environmental, social and cultural parameters. It represents an exciting way to address the practical needs of the development community and the municipality by creating a sustainable neighbourhood model that can be replicated throughout Canada. The SUN Process relies upon a spirit of collaboration, cooperation, and innovation. As such, the opportunity afforded here is to build constructive relationships within the development community and to provide a demonstration of leadership and commitment to sustainability principles.

What is a charrette?

The French word "charrette" means "cart" and is used to describe the final intense work effort expended by art and architecture students to meet a project deadline. At the École des Beaux Arts in Paris during the 19th century, proctors circulated with carts to collect final drawings while the students frantically put finishing touches on their work.

The EHUV Charrette will be a creative, intense and collaborative work effort harnessing the talents and energies of all interested parties to create and support a buildable sustainable neighbourhood plan.

What is the intent of this charrette?

One of the most important benefits of true collaboration in neighbourhood planning and design is ending up with a plan that minimizes costly rework and results in a built project. During this event, strategies are synthesized into a concept design that represents the desired direction identified throughout the SUN Process and is collectively agreed upon by the stakeholders.

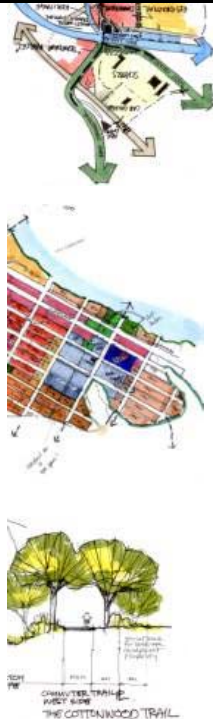



Stakeholders are brought together with the Project Team, the Integrated Design Team, and technical experts and designers to produce a concept design prepared to a level that will ultimately inform the detailed architecture and engineering design. The charrette team will explore strategies and integrate them into system solutions that take into account the synergies between different strategies, existing features of the site and across issue areas. System solutions identify pathways that improve performance and reduce long-term costs. **Since technology alone cannot achieve sustainability, system solutions must also provide lifestyle solutions.**



What will we be doing at the charrette?

The charrette is a very dynamic and fluid process that is guided by the charrette manager to adapt to the direction being provided by the Charrette Team. The following figure is intended to provide a general idea of how this four day event will unfold. The charrette agenda is presented on the following page.

Charrette Choreography

	Day 1	Day 2	Day 3	Day 4
	<p>CONVENE AS GROUP</p> <p><i>Review opportunities and constraints</i></p> <p><i>Review Sustainable Urban Neighbourhood scenario model</i></p>	<p>CONVENE AS GROUP</p> <p><i>Review Day 1 outputs</i></p> <p><i>Determine strategies to be utilized</i></p>	<p>CONVENE AS GROUP</p> <p><i>Discuss Mid-course Review issues</i></p> <p><i>Assess how to address issues</i></p>	<p>CONVENE AS GROUP</p> <p><i>Determine remaining issues</i></p> <p><i>Further design explorations and production of outputs</i></p> <p><i>Report back to plenary</i></p>
	<p>BREAK INTO SMALL GROUPS</p> <p><i>Movement network</i> <i>Green network</i> <i>Land use / building sites</i></p> <p><i>Report back to plenary</i></p>	<p>BREAK INTO SMALL GROUPS</p> <p><i>Apply strategies to site and building plans</i></p> <p><i>Report back to plenary</i></p>	<p>BREAK INTO SMALL GROUPS</p> <p><i>Address issues</i></p> <p><i>Move forward with strategies at more detail</i></p> <p><i>Report back to plenary</i></p>	<p>OUTPUTS</p> <p><i>Drawings, sections, diagrams at various scales on trace, paper and digital. Also written summary.</i></p>
	<p>OUTPUTS</p> <p><i>General bubble and arrow diagrams, doodles, text on maps</i></p>	<p>OUTPUTS</p> <p><i>More specific and contextual diagrams, rough sketches on maps, trace, paper and digital</i></p>	<p>OUTPUTS</p> <p><i>Drawings and diagrams at various scales, rough sketches, on trace, paper and digital</i></p>	
	<p>Emerald Hills Urban Village Charrette</p>			
				
	KICKOFF EVENT		MIDCOURSE REVIEW	
				FINAL PRESENTATION

Charrette Agenda

Emerald Hills Urban Village Sustainable Urban Neighbourhood Charrette				
<i>Date</i>	<i>Time</i>	<i>Event</i>	<i>Participants</i>	<i>Location</i>
Wednesday, December 6	2:30 - 4:30	<u>Kickoff</u>	Development Team Strathcona Team Design Team Experts Team Invited Guests	Conference Centre #1 Strathcona County Hall, 2001 Sherwood Drive, Sherwood Park T8A 3W7
Thursday, December 7	8:00 - 5:30	Full team input and design	Development Team Strathcona Team Design Team Experts Team	Raleigh Room, Best Western
Friday, December 8	8:00 - 1:00	Full team input and design	Development Team Strathcona Team Design Team Experts Team	Raleigh Room, Best Western
	4:00 - 4:15	(team huddle)	Development Team	Meeting Room L3 Strathcona County Hall
	4:15 - 5:30	<u>Mid-Course Review</u>	Strathcona Team Design Team Experts Team Invited Critics/Experts Invited Guests	
Monday, December 11	9:00 - 11:00	Re-group	DCS Team Only	Raleigh Room, Best Western
	11:00 - 1:00	Concept Plan Synthesis	Design Team Experts Team Invited Critics/Experts	
	1:00 - 5:30	Full team input and design	Development Team Strathcona Team Design Team Experts Team Invited Critics/Experts	
Tuesday, December 12	8:00 - 4:00	Concept Plan synthesis	Design Team Experts Team	Raleigh Room, Best Western
	4:30 - 5:00	(team huddle)	Development Team	Conference Centre #1, Strathcona County Hall
	5:00 - 6:30	<u>Presentation</u>	Strathcona Team Design Team Experts Team Invited Guests	