

## 2013 Wood Design Awards - Project Fact Sheet Dune'na Zra Sanch'i Ku Daycare (Dreamcatcher)

Location: Carmacks, Yukon

Height	Size		Completion	Construction Budget
1	5,200	484	2012-04	\$2,750,000
<i>Storeys</i>	<i>sq ft</i>	<i>sq M</i>	<i>Date</i>	<i>\$ Cdn</i>

### Project Description:

Wood, as a natural, renewable, carbon-neutral construction material, was used extensively for this child care development facility, including heavy timber and log elements. It is an appropriate fit for a children's environment. Selected for its beauty, warmth, and availability, wood is a forgiving material that can be framed quickly and efficiently. This ease of construction was crucial as the project's remote northern location meant a short building window to lock up before the onset of the cold winter, as well as a construction process dependent on local skilled and unskilled labour.

### Project Images



Dune'na Zra Sanch'i Ku Daycare (Dreamcatcher) The Dune'na Zra Sanch'i Ku Daycare provides a nurturing environment, trained staff and educational and recreational programs for enriching the lives of Little Salmon Carmacks children. It accommodates four distinct age groups: infants, toddlers, pre-school and after-school. The Dreamcatcher served as a design metaphor for the daycare, symbolizing protection. In many Native American cultures, the dreamcatcher is a mythological tool use



### Where the Wood Was Used:

	Primary Structural System	
<b>Primary Structural System</b>	Columns, Beams & Braces	y
	Floor Structure	
	Exterior Walls	y
	Foundation	
	Shear Walls	y
	Bearing Walls	y
	Fire Walls	
	Roof Structure (inc. columns and braces)	y
	Stairway & Elevator Shafts	
	<b>Secondary Structure</b>	Convenience Stairs
Entrances & Canopies		y
Fire Separations		
Enclosures for Mechanical Equipment		y

	Architectural	
<b>Architectural</b>	Partitions (interior)	y
	Exterior Curtain Walls	y
	Ceilings	y
	Exterior Cladding	y
	Parapets	
	Ceiling Bulkheads	
	Flooring	
	Doors	y
	Windows	
	Skylights	
	Trim, Paneling & Features	y
	Millwork	y
	Wall and Corner Guards	
	Other Architectural Woodwork	
	Hard Landscaping & Structures	
	Perimeter Fencing	

**Building Project Team Members:**

Broadway Architects		
<b>Architect</b>	Rob Sieniuc	
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Broadway Architects		
<b>Other</b>	Bernardo Prieto	
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Chiu Hippmann Engineering Inc.		
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S+ A Falcon Engineering		
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DEC Design Mechanical Consultants		
<b>Mechanical Engineer</b>	Bill Vaughan	
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Protection Engineering		
<b>Fire Code Consultant</b>	Gerard Sass	
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Little Salmon Carmacks First Nation		
<b>Owner Developer</b>	Ed Schultz	
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NGC Builders Ltd. (Narrow Gauge Construction)		
<b>Contractor</b>	Doug Gilday	
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