

## 2013 Wood Design Awards - Project Fact Sheet

### Queen of Peace Monastery (Inst)

Location: Squamish Valley

| Height         | Size         |             | Completion  | Construction Budget |
|----------------|--------------|-------------|-------------|---------------------|
| 2              | 27,000       | 2,508       | 2012-08     | \$3,500,000         |
| <i>Storeys</i> | <i>sq ft</i> | <i>sq M</i> | <i>Date</i> | <i>\$ Cdn</i>       |

#### Project Description:

Wood is used extensively throughout the Queen of Peace Monastery to achieve design and programmatic goals within a limited construction budget. The Queen of Peace Monastery is a place of quiet contemplation for an order of nineteen Dominican Nuns located in Squamish Valley, BC.

The building comprises a multitude of unique spaces to support the monastic lives of these deeply devoted nuns. These spaces include places for worship such as the Chapel and Meditation Room, along with residential, administrative, workshop and study areas. Structural wood and finish details are expressed in various ways on both the building's interior and exterior; to define the relative significance of each area, to distinguish public from very private areas, and to enrich the procession from humble to holy.

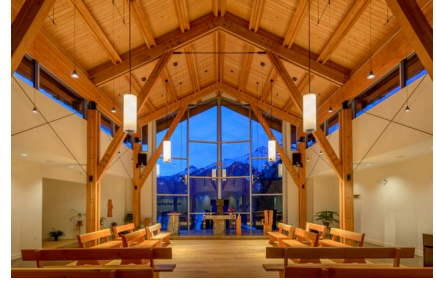
Without question, the building's most significant space is the Chapel. Its soaring vaulted space is framed by douglas fir glulam posts, beams and rafters and is enclosed by a solid cedar ceiling. This structure allows for an expansive, uninterrupted view to the stunning mountains beyond, inspiring a strong spiritual connection to nature. From the outside, the illuminated Chapel creates a powerful yet welcoming beacon in the landscape.

On the lower level, the public entry is articulated at the building exterior by a modest timber frame roof structure creating an inviting and intimate approach. The interior wall adjacent to the stair leading to the Chapel foyer is finished in douglas fir panels for a light, clean, contemporary feel prior to entering the Chapel. On the private, monastic side of the building, the nuns' refectory and community room form the hearth of their living space.

A wood ceiling with exposed rafters extends to the exterior of the building while oak wood flooring creates a modest but rich gathering space centred around a stone fireplace. The exposed rafters expressed on the exterior of this elongated and simplified section of the building, is congruent with the type of gathering space inside. While the connection with the view is maintained, the building facade intimates the space within. The program also required a continuous interior walkway for the nuns to contemplate during their daily meditational walk. Located internally around the building's sequestered inner courtyard, wood is used sparingly with douglas fir posts and oak flooring, creating a rhythmic and peaceful ambience.



#### Project Images



#### Where the Wood Was Used:

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

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

**Building Project Team Members:**

|                                |                     |              |
|--------------------------------|---------------------|--------------|
| aka architecture + design inc. |                     |              |
| <b>Architect</b>               | Andreas Kaminski    |              |
| Squamish                       | andreas@aka-arch.ca | 604-567-1009 |

|                                |                   |              |
|--------------------------------|-------------------|--------------|
| aka architecture + design inc. |                   |              |
| <b>Architect</b>               | Jayne Song        |              |
| Squamish                       | jayne@aka-arch.ca | 604-567-1009 |

|                          |                   |              |
|--------------------------|-------------------|--------------|
| Bethel Lands Corporation |                   |              |
| <b>Owner Developer</b>   | Michael Hutchison |              |
| Squamish                 |                   | 604-898-1901 |

|                          |               |              |
|--------------------------|---------------|--------------|
| Queen of Peace Monastery |               |              |
| <b>Owner Developer</b>   | Sister Claire |              |
| Squamish Valley          |               | 604-815-0993 |

|  |            |              |
|--|------------|--------------|
| Read Jones Christoffersen Consulting Engineers |            |              |
| <b>Structural Engineer</b>                     | Leon Plett |              |
| Victoria                                       |            | 250-386-7794 |

|                     |               |              |
|---------------------|---------------|--------------|
| Murphy Construction |               |              |
| <b>Contractor</b>   | Graham Murphy |              |
| Pemberton           |               | 604-894-2435 |

|                             |               |              |
|-----------------------------|---------------|--------------|
| SRC Engineering Consultants |               |              |
| <b>Mechanical Engineer</b>  | Bill Khangura |              |
| Burnaby                     |               | 604-268-9091 |

|                             |           |              |
|-----------------------------|-----------|--------------|
| SRC Engineering Consultants |           |              |
| <b>Electrical Engineer</b>  | Dave Gill |              |
| Burnaby                     |           | 604-268-9091 |

