





Solomon R Guggenheim Museum, Helsinki Finland

In working for the Architectural firm that came from Eliel and Eero Saarinen's firm in New Haven Ct. we were able to access the Metropolitan Museum of Art NYC's staff. We were in the curator of the Lehmen's office. We watched deliberations for new shows and we were working on the permitting process with NYC to permit the new restaurant atop the Lehmen viewing Central Park. Training cannot be substituted for.

The Lumme, Finland's national flowers relative, the water lily, shape became the ancestral horns of a Viking warrior's helmet for protection of all of Scandinavia and then they became light magnification and modulation to catch precious light in Helsinki all without UV entrance. They light at night through LED lighting to become a beacon light to the harbor. They are protected from ice and snow by the internal heaters and opening and closing control via computers.

The scale of the drawings is determined by the height of the central atrium peak. That height is 23.8 meters

The area of the museum is measured in AutoCad area calculations in model space on a 1 to 1 scaled drawing to be certified with the totals listed below.

Museo (Gallery Space)

Erster geschoss	1	27,286 s.f.	2,534 s.m.
Zweiter geschoss	2	15,854 - 6,145 = 9,709 s.f. =	902 s.m.
Dritter geschoss	3	6,145 - 1,003 = 5,142 s.f. =	<u>478 s.m.</u>
			3,914 s.m.

Flugel (Administrative Wings)

Erster geschoss	1	70,791 - 27,286 = 43,505 s.f. =	4,042 s.m.
Zweiter geschoss	2	70,791 - 27,286 = 43,505 s.f. =	<u>4,042 s.m.</u>
			11,998 s.m.