

# WMTW Communications Tower

Baldwin, Maine

*Focus on  
Precast Concrete Solutions*



When Peter Warren of Warren Construction wanted to build a 3900 sq. foot concrete building on the top of a mountain, he thought of Strescon Limited. The building is a large mechanical vault used to house television, radio, cell phone and civil two way broadcast equipment. The building sits at the base of what is the tallest tower in New England.

Strescon decided to use double tee members for load bearing walls and to accommodate many large louver openings. Due to the possibility of large pieces of ice falling from the tower, the roof was covered with solid slabs capable of withstanding a 250 lb/sq. foot live load.

Approximately 80 pieces of precast concrete were erected in less than two weeks allowing the contractor to install equipment while the tower was being assembled, in 30 foot sections 3 miles from the site.



Project: **WMTW Communications Tower - Baldwin, Maine**  
Engineers: **Sebago Technics - Portland, Maine**  
Contractor: **Warren Construction Group LLC - Freeport, Maine**  
Erector: **James L. Harris - Caribou, Maine**  
Precast Fabricator: **Strescon Limited - Saint John, New Brunswick**



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*Strescon is a member of the OSCO Construction Group*

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Industrial Precast Wall Panels