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A new water facility in West Brampton, Ontario was recently completed with long-span cold-formed steel (CFS) trusses courtesy of component manufacturer VanderWal Homes & Commercial Group. The West Brampton Reservoir pumping station shown here is situated west of Toronto in an area dominated by agricultural structures, said sales and marketing coordinator Alex McGillivray.

The roof of the reservoir was designed with three CFS truss systems that together form the barrel shape characteristic of barns. "The idea was for the style to match the surrounding buildings so it won't stick out as much," he said. Two sets of mono-slope trusses span each side of the 144' long building. A full structural clear-span truss section with 32, 64' trusses form the peak. The roof system was ground-assembled and sheathed, and then hoisted by crane.

McGillivray said when the company formed about ten years ago, cold-formed steel was a relatively new building material in Canada. "The product has become so much more accepted in commercial applications that we eventually added pre-insulated CFS wall panels and floors to provide complete turnkey systems." **SBC** 





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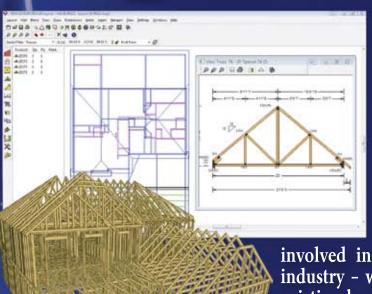
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