



SELF CLIMBING HYDRAULIC SYSTEMS

- next generation in concrete forming

SELF CLIMBING HYDRAULIC SYSTEM

SCFA Self Climbing Hydraulic Form was used for construction of an entire core on a 49 story high tower, the tallest tower in Western Canada.

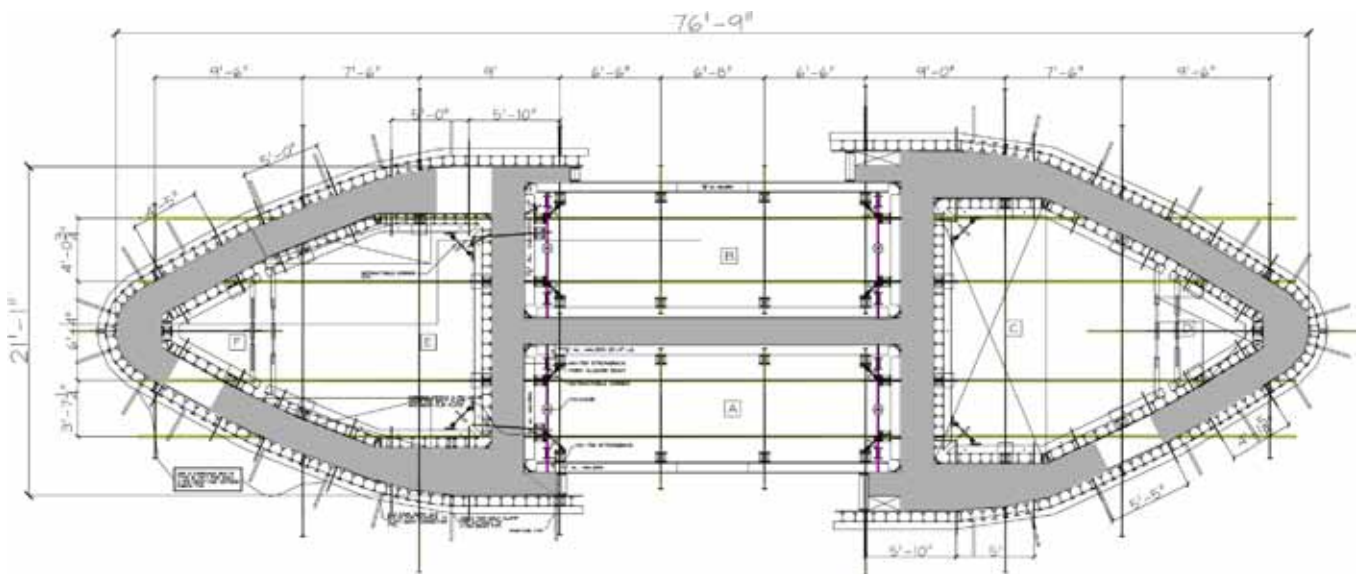
Project:

One Wall Tower

Hotel & Residential Tower
1001 Hornby Street
Vancouver, B.C.
Canada

Forming Contractor:

Loewen Construction Ltd.

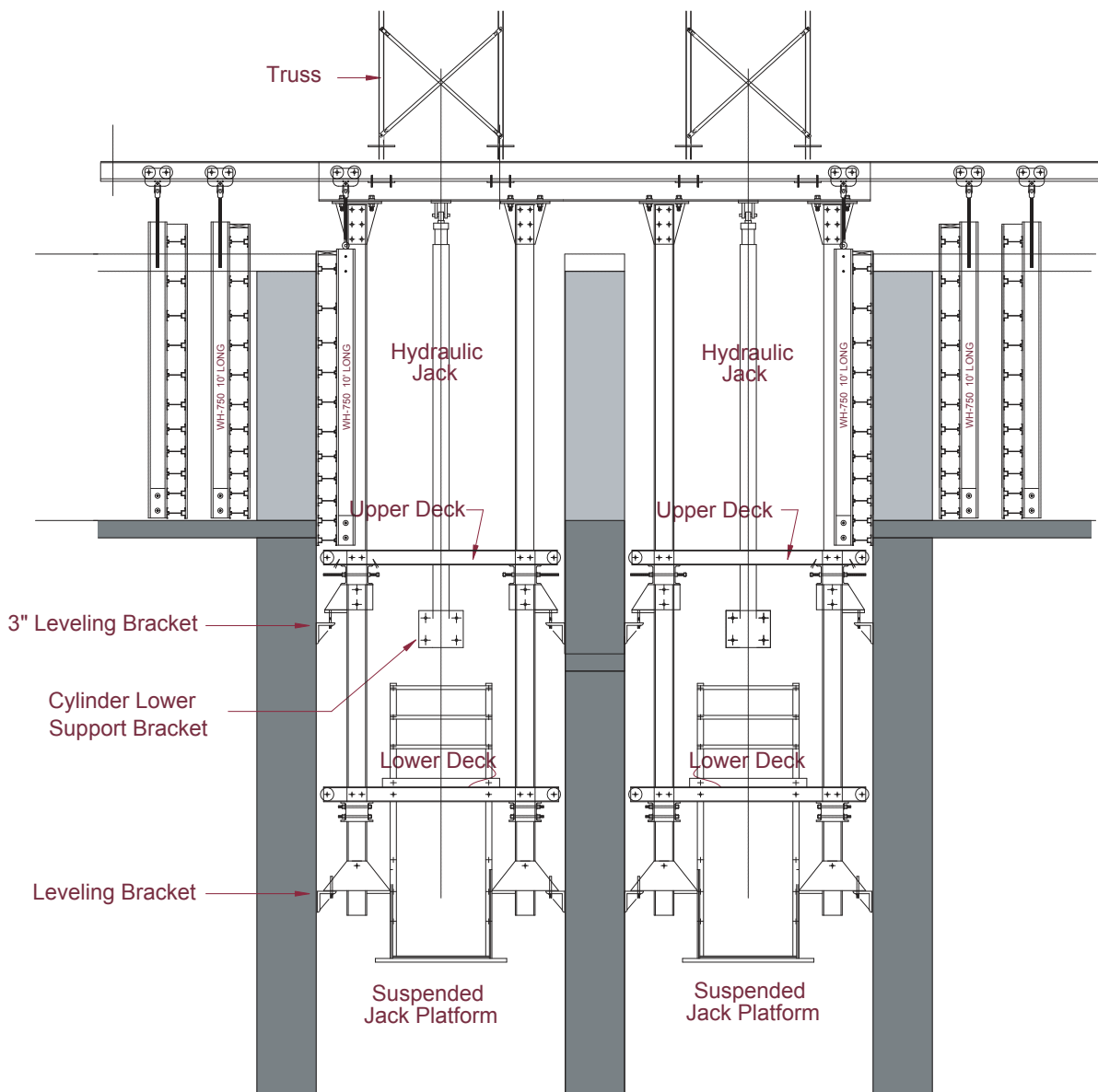


Self Climbing System allowed concrete forming contractor, Loewen Construction Ltd., To pour in one day, floor slab and core wall forms on the same slab and to accomplish a four day cycle per floor.

Four cylinders with a single stroke of up to 12 feet, lift the entire outside and inside 135,000 lb wall form system, 76'-9" long by 21'-0" wide, at the speed of 2 ft/min.



Typical Cross Section



Self Climbing Hydraulic System consists of four hydraulic jacks, form aligner structures, support trusses, secondary support beams and suspended wall forms.



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