

TransAlta RainForest, Calgary, Alberta

The unique architecture of the main building of the Calgary Zoo required the involvement of a flexible and dedicated team. **Coordination** of geometric changes **was the critical element that ensured the deadline was met.** The non-existence of lateral support at the joist top chords due to the window roof presented an interesting challenge for the engineering team.

The client appreciated the assistance of the Canam team in the development of economical dimensioning propositions. In addition, Canam's **participation in site meetings** identified design and fabrication solutions to **reduce erection costs on site.**



Dimension: 32,121 square feet

Location: Calgary, Alberta

Period: Summer 2001

Owner: Calgary Zoo

Architect: BKDI Architects

Engineer: Earth Tech

Fabricator: Rimk Industries

Contractor: PCL Construction Services Inc.

Joists: 287 joists (33 tons)

Joist Span: from three meters (10 feet)
to nine meters (thirty feet)



Our **Flexibility**
GUARANTEES YOUR SATISFACTION