

# Tower 333

## General Statistics:

Height: 260ft

Number of Stories: 20 above grade,

8 below grade

Floor Plate: 23,000sq. ft.

Total Square Footage: 410,000

Occupancy: Office

### Structural:

-Uses an existing concrete core system from a previous abandoned project.

-Combines concrete core and steel moment frames into a dual lateral system.

-Deepest excavation in Bellevue history: 93 feet below grade -Deepest "soil nailing" in U.S. construction history

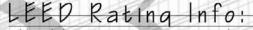
#### MEP:

-16,500 cfm AHU on every floor -Series fan powered VAV boxes and linear diffusers along windows

-4-450 TON chillers on parking levels 1&2

-2-4,000A 3P AW main feeders

-800kW 277/480V diesel emq. generator equipped with 480 gal tank



-Highly transparent glass maximizes view of Lake Washington and the Olympics

-lOft floor to finished ceiling heights and full height glass windows maximizes daylight penetration

-State of the art operating systems minimizes energy consumption



# Architectural Features:

-Open, column free floorplates allows for flexible space planning

-Glass curtain wall design

-Half acre outdoor plaza on mezzanine level

Owner: Hines Development,
Structural Engineers: Magnussun Klemencic, Architect: LMN Architects

## Paul Parfitt - Structural

http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/pjpl64