

Tower 333

Bellevue WA

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 4W main feeders
- 800kW 277/480V diesel emq. generator equipped with 480 gal tank

LEED Rating Info:

- Highly transparent glass maximizes view of Lake Washington and the Olympics
- 10ft 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: Magness Klemencic, Architect: LMN Architects

Paul Parfitt - Structural

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