Book IV

Coda

Addendum
Book I  Chrysalis

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Photographic Appendix
Cowgill Hall
College of Architecture and Urban Studies
Virginia Polytechnic Institute and State University

I have loved to be here. Nothing can take away the memory of my romance with architecture that I had in this living museum, Cowgill.
The image
a photographer crops
from the world is not a frame,
but a slice. As a slice, it exposes
the interior of a scene.
Like sap from a tree,
the sliced images emit
fresh luminosity.
### Project Appendix
**Program-Hakodate Visitors Center**

#### East Wing 4180m²(37620ft²)
- Hakodate International Exchange Plaza: 520m²(4680ft²)
  - Information Center: 50m² (450ft²)
  - Plaza: 300m² (2700ft²)
  - Office: 100m² (900ft²)
  - Reception: 50m² (450ft²)
- Media Center: 1140m²(10260ft²)
  - Visual Creation Room: 90m² (810ft²)
  - Service Room: 60m² (540ft²)
  - Computer Education Center: 200m² (1800ft²)
  - Visual Information Center: 260m² (2340ft²)
  - Information System Center: 530m² (4774ft²)
- Offices: 2520m²(22680ft²)
  - Municipal: 1180m² (10620ft²)
  - Showroom Tenant: 1180m² (10620ft²)
  - Meeting Rooms: 50m² (450ft²)
  - Security Office: 10m² (90ft²)
  - Lounge: 100m² (900ft²)

#### West Wing 3670m²(33030ft²)
- Showroom: 940m² (8460ft²)
- Gift Shops: 900m² (8100ft²)
- Exhibition Space: 1400m² (12600ft²)
- Cafe: 400m² (3600ft²)
- Sculpture Garden: 30m² (270ft²)

#### Others 8660m² (77940ft²)
- Public space: 6960m² (62640ft²)
  - Facade: 1000m² (9000ft²)
  - Circulation and Bathrooms: 5500m² (49900ft²)
  - Lobby: 100m² (900ft²)
  - Outside Deck: 1100m² (9900ft²)
  - Mechanical Room: 360m² (3240ft²)
- Storage: 600m² (6000ft²)

**Total 16510m² (148590ft²)**
Elevation
Technical Appendix
Seismic Study- Relationship Between Structure and Glazing

Study drawing: plan

Study drawing: elevation and section
Base isolators are energy absorbers which are movable, loadbearing elements inserted below structural columns to dissipate the transmission of the seismic movement from the foundation to the structure. First used in the U.S. in the mid 1980’s, they come in three categories; high-damping rubber, lead-rubber bearing, and friction pendulum.

During an earthquake, base isolated buildings move, yet much of the movement is dampened by the base isolators and not transmitted to the columns.

Base isolators are very costly, yet they often reduce post earthquake repair cost. They are also used to retrofit historical buildings to increase seismic resistance without adding massive shear walls.
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