SUSTAINABLE CONSTRUCTION

- **Site Energy:**
  Use of renewable, geothermal, solar thermal, wind, photovoltaic and bio gas

- **Site Water:**
  Zero storm water discharge off site,
  Zero potable water use on site, except for human consumption,
  Zero Waste water discharge off site.

- **Site Form/Quality:**
  Improve the value of surrounding lots.
  Optimization of Built Form, Urban Space and Green Landscape, in Harmony.
  Sunlight, access to daylight design.

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**Strategy**

**ZERO IMPACT**

**3R** (Reduce, Reuse, Recycle)

**Energy Conservation**

- Native solar gain
- Photovoltaic electricity
- Passive solar gain
- Mixed-Mode ventilation
- Stack effect ventilation

**Contamination Control**

- Waste Management
- Water-saving Facility

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**Site Plan:**

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**Details:**

- PV collectors are used as curtain walls & light shelves.
- Photovoltaic electricity Refrigeration

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**Unit:**

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**Perspective:**

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