



All- Electric Efficiently Sized Variable Refrigerant Flow (VRF) Heating and Cooling System



Passive House



Energy Recovery Ventilator (ERV) with Enthalpy Wheel

### Passive House

- Project will target 80% energy use reduction
- Preliminary Source Energy Limit is 34.5 kBtu/sf/yr
- **Benefits:** best path to Net Zero, lower long term operation costs, greater thermal comfort, improved air quality and sound, resiliency / passive survivability

### Renewable Energy

- Project will be all-electric, which allows for future connection to renewable grid
- Solar ready

### Façade System

- 20% window-to-wall ratio
- Airtightness equals 0.080 cfm/sf at 50 Pa
- Thermally broken attachments



Low-Flow Watersense Plumbing Fixtures and Minimal Landscape Irrigation



Continuous Insulation & Airtight Building Enclosure



High-Performance, Right-Sized Windows. Insulated walls eliminate spandrel glass.



Electrical Vehicle Charging