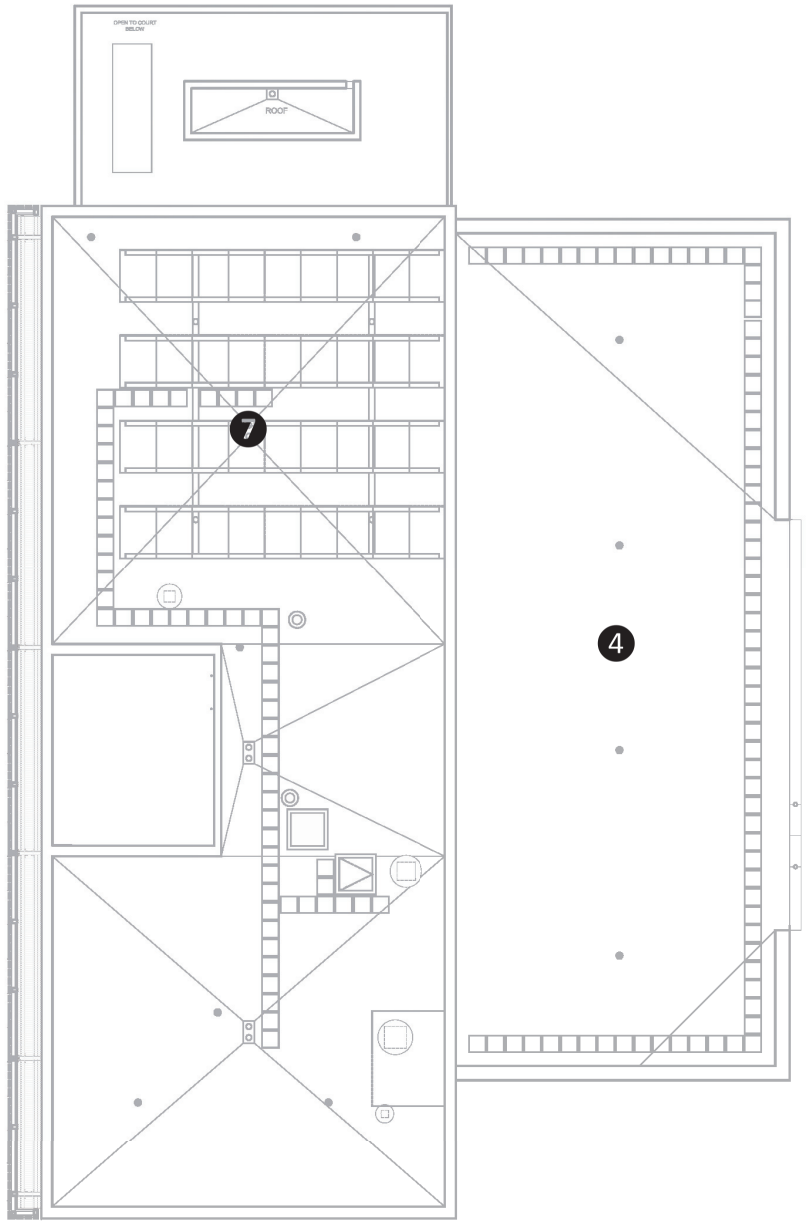
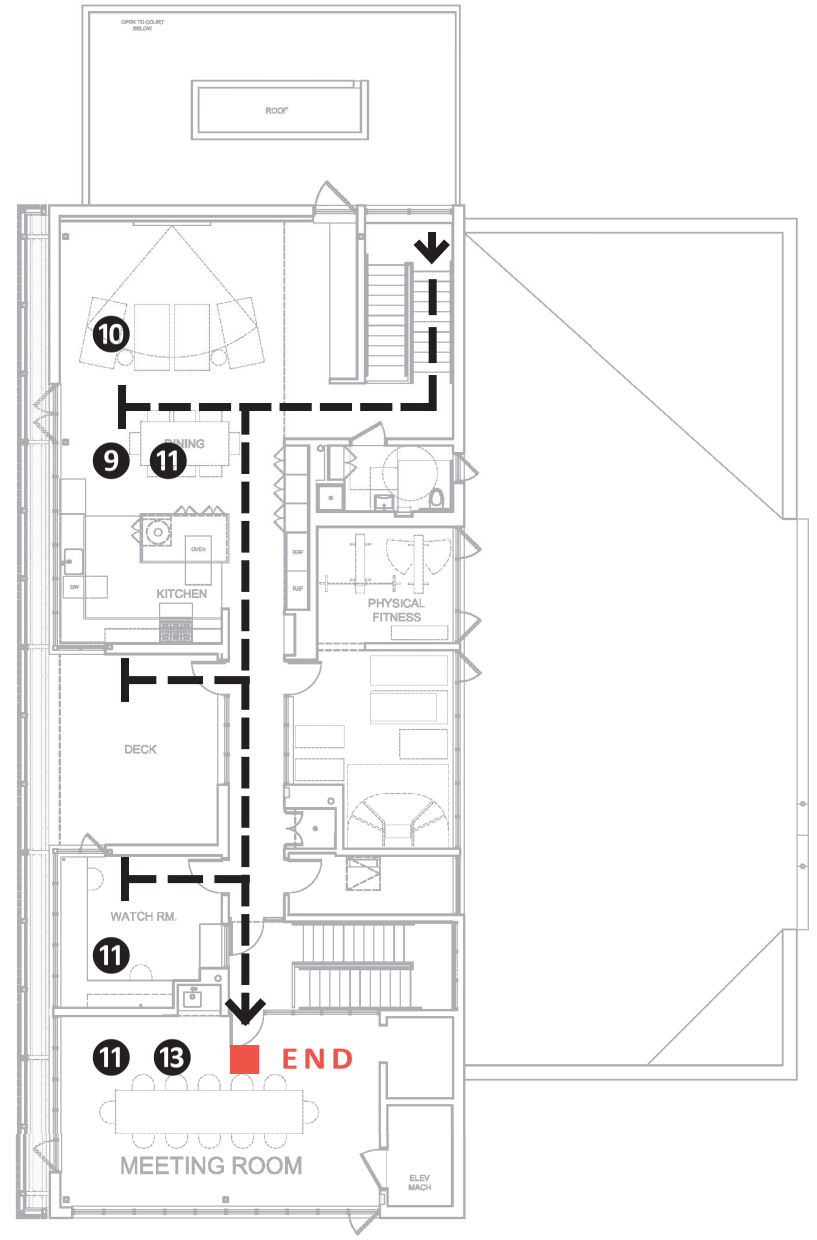
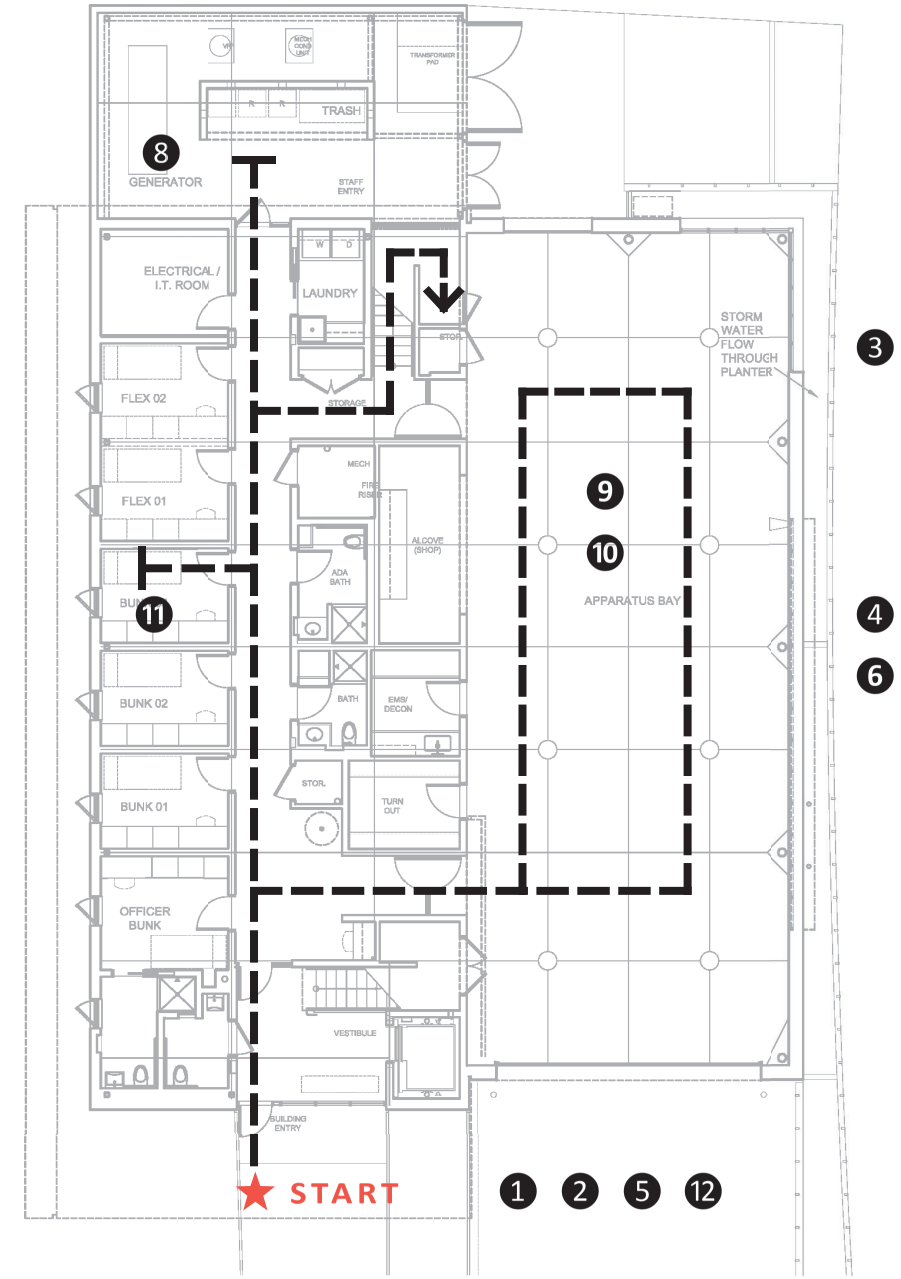


ROOF



UPPER FLOOR



GROUND FLOOR

GREEN EDUCATION TOUR MAP

1 SITE SELECTION
Previously developed site reduces pressure on undeveloped land.

2 ALTERNATE TRANSPORTATION
Near public transportation and Esplanade. Bicycle storage, showers provided. No new parking.

3 STORMWATER DESIGN
Rainfall captured and treated. Increased site infiltration, stormwater run-off pollution reduced or eliminated.

4 HEAT ISLAND EFFECT - ROOF & SITE
High reflectance roofing & paving reduces heat islands, minimizes impacts on natural habitat.

5 LIGHT POLLUTION REDUCTION
Site lighting minimizes light trespass, reduces sky-glow and glare, increases night sky access.

6 LANDSCAPING
No permanent irrigation. Temporary irrigation removed 18 months after installation.

7 ON-SITE RENEWABLE ENERGY
Roof mounted solar panels reduce energy costs.

8 STORAGE AND COLLECTION OF RECYCLABLES
Recycling collection points interior & exterior

9 LOW EMITTING MATERIALS
Low V.O.C. adhesives, sealants, coatings, flooring, composite wood.

10 LIGHTING CONTROL
Controls for all occupants and all shared multi-occupant spaces reduces electrical consumption.

11 DIRECT LINE OF SIGHT
Views to exterior from 90% of regularly occupied spaces.

12 BIRD COLLISION DETERRENCE
Exterior designed to minimize accidental bird strikes.

13 LEED PRESENTATION
A presentation may be viewed in the UPPER FLOOR MEETING ROOM providing an overview of the LEED features seen and discussed during the tour. Additional information will describe the intangible LEED features of the facility including Energy Performance, Green Power, Recycled Content, Regional Materials, Certified Wood, Thermal Comfort, Green Cleaning, and Building Commissioning, among others.

PORTLAND FIRE & RESCUE
STATION 21