

FIRST HILL STREETCAR



Design Commission Presentation

Operations & Maintenance Facility

June 16th, 2011



OPERATIONS & MAINTENANCE FACILITY

Sustainability Features

- LEED Silver Certification Minimum

Project Status:

Yes	Likely	Unlikely	No
54	23	25	8

Certified:	40-49 pts
Silver:	50-59 pts.
Gold:	60-79 pts.
Platinum:	80+ pts



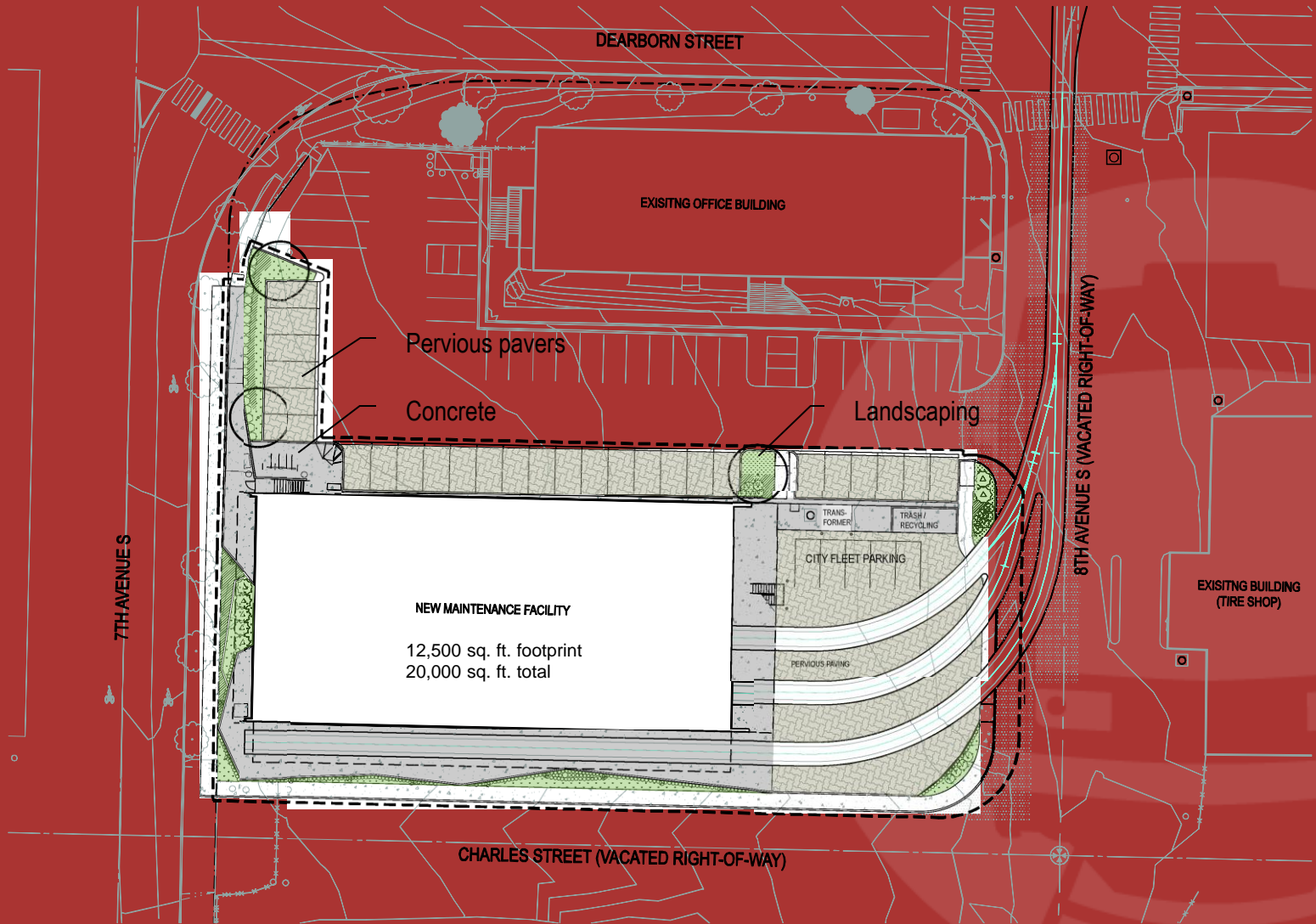
- Extensive Stormwater Mitigation Features: full green roof, pervious paving
- Renewable Energy: Solar panel array
- Energy Efficiency: highly efficient heating system (variable refrigerant flow [VRF] and radiant flooring), daylighting to offset electric lighting, occupancy and daylighting sensors, natural ventilation
- Occupant Health and Comfort: natural daylighting, access to views, low to no-toxicity building materials
- Locally Sourced Materials
- Electric Car Charging Stations



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Site Plan

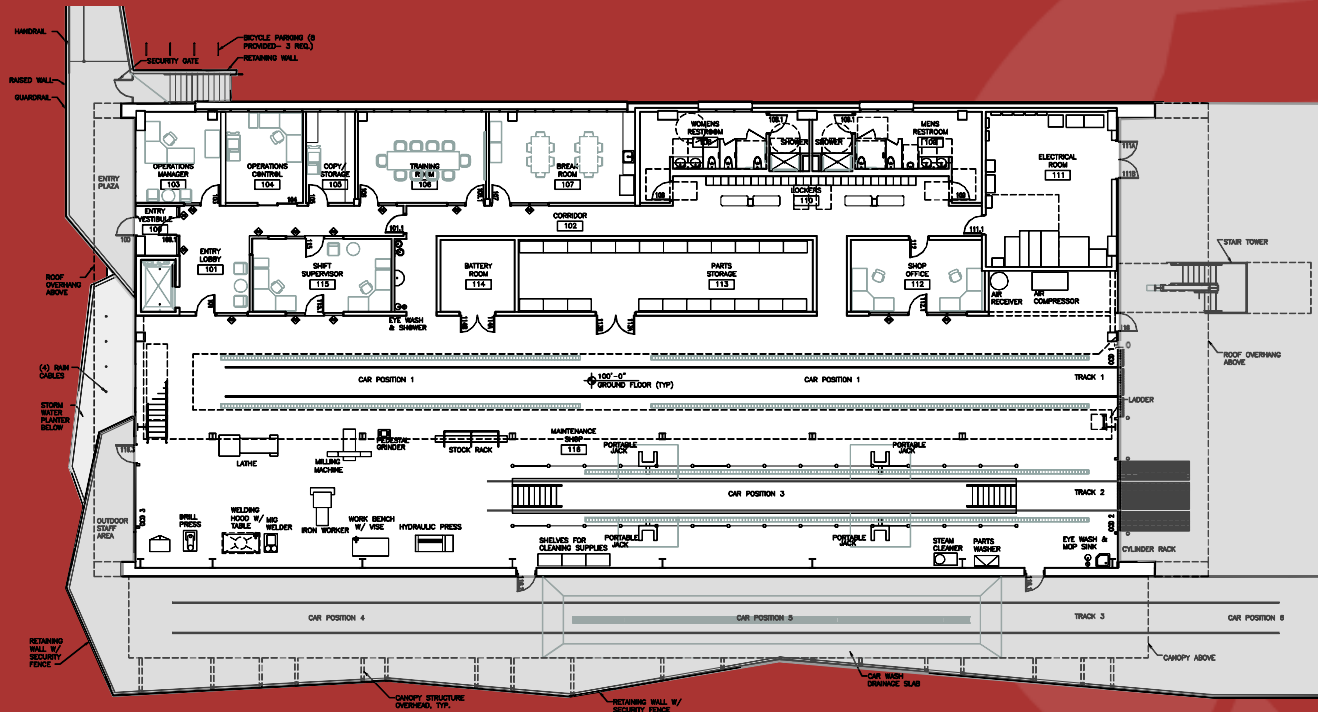
FIRST HILL STREETCAR



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Building Program

- 2 vehicle positions with platforms for top of vehicle maintenance
- 1 vehicle position with maintenance pit and jacking capability
- Machine shop
- Support spaces including: Operations, Training, Breakroom, Battery Room, Parts Storage, Toilet/Locker Rooms

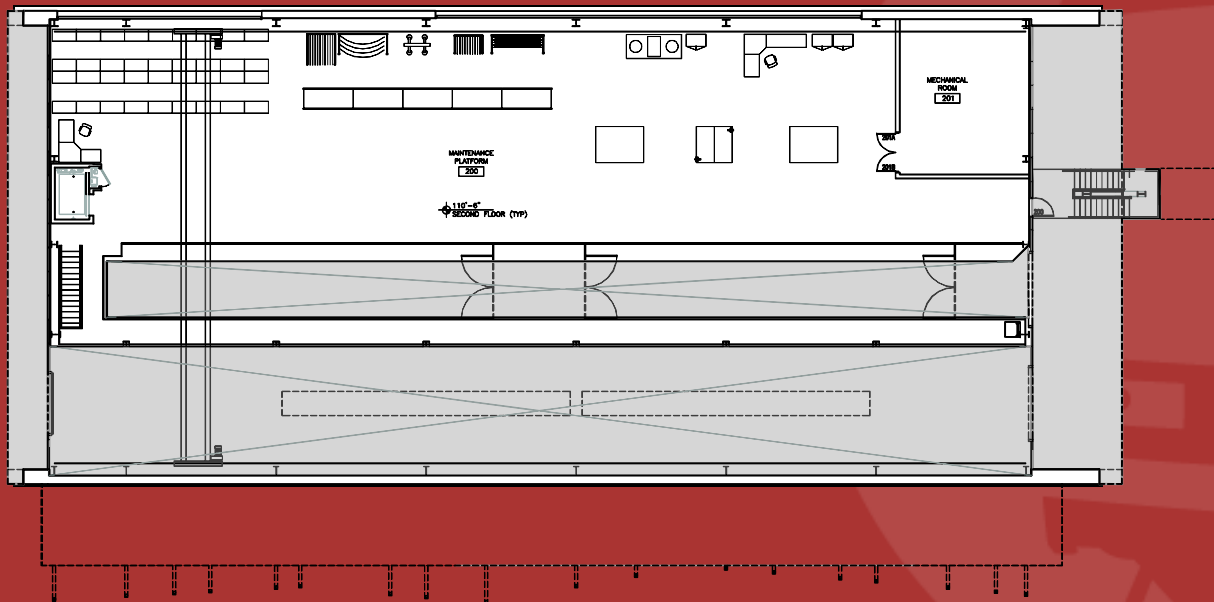


First Floor Plan – (12,942 sq. ft.)

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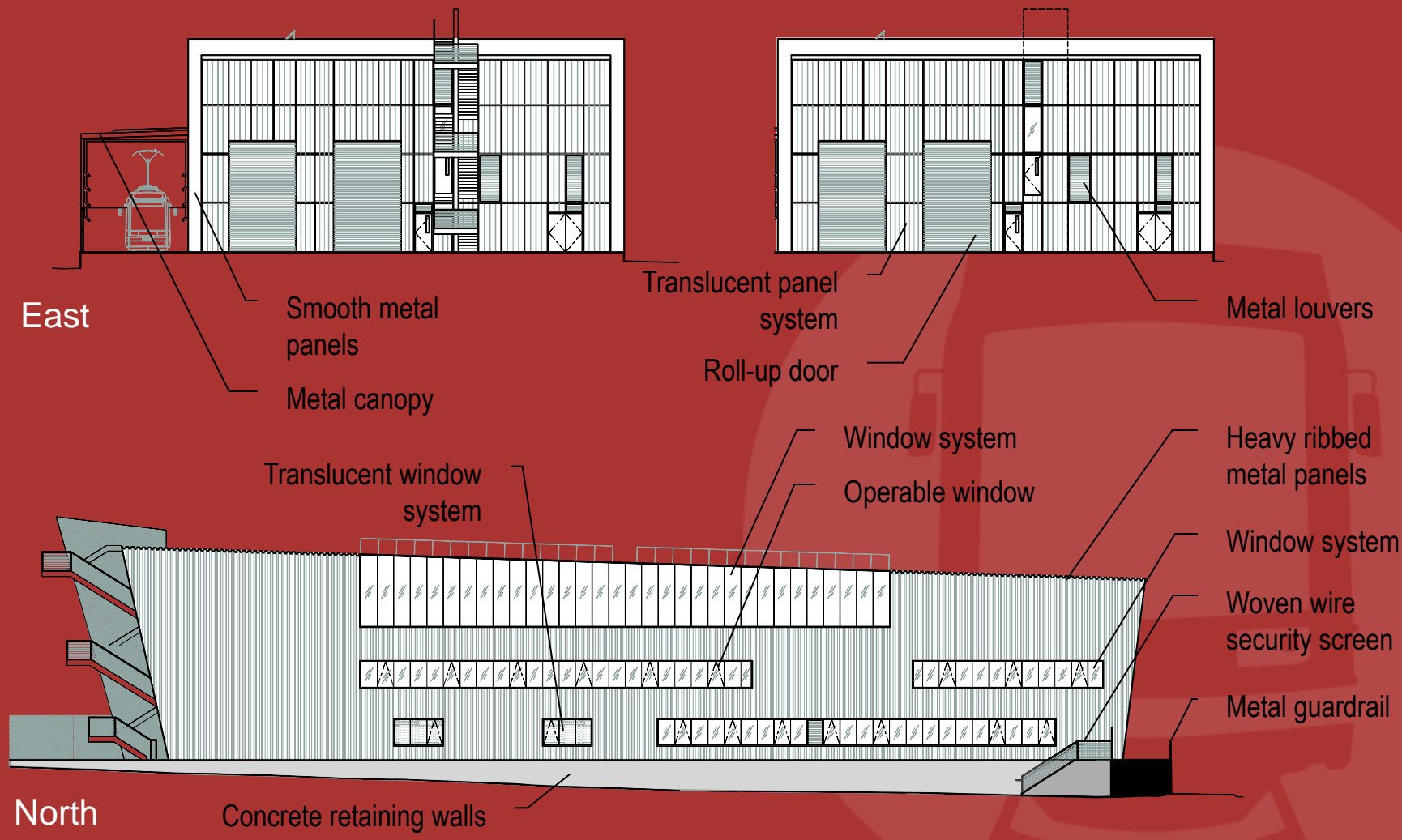


Second Floor Plan - (7,278 sq. ft.)

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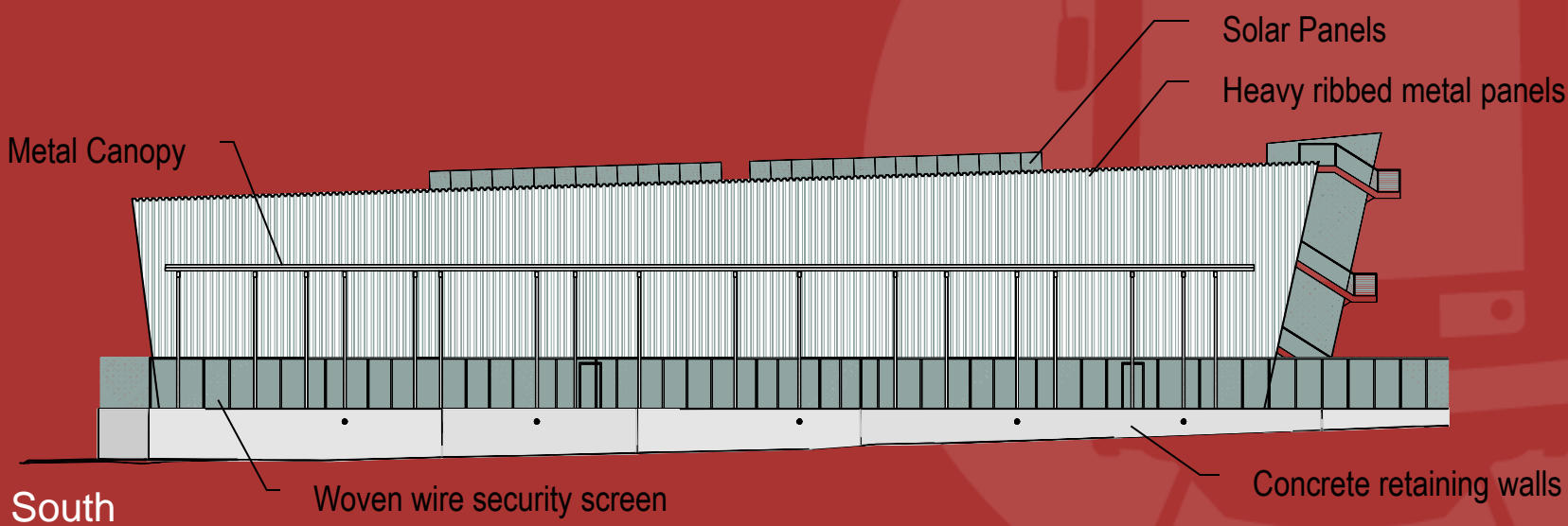
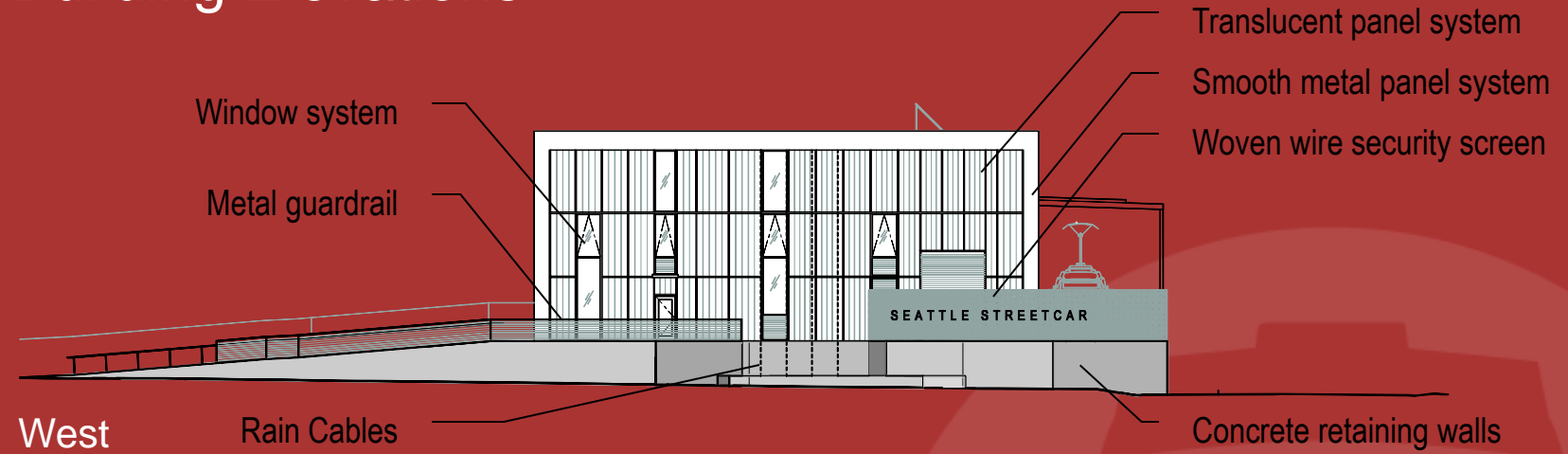
Building Elevations

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Building Elevations



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View looking Northeast along 7th Ave.

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View looking North Along 7th Ave.



- Undulations of the retaining wall
- Landscaping / Rainwater feature
- Public entry ramp

- View to the shop interior
- Open railing
- Entry plaza

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Building Model

