



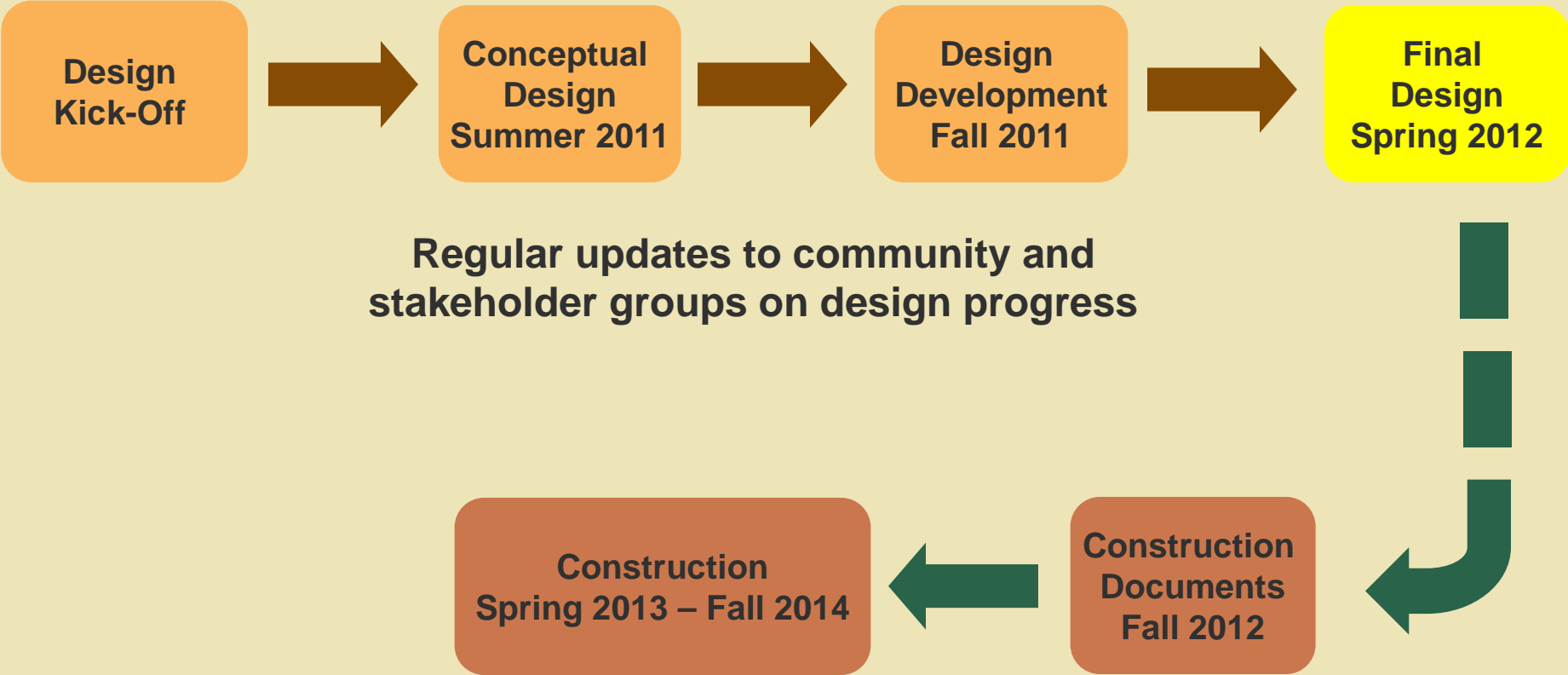
Expo Line Community Meeting
Maintenance Facility Design Workshop
January 23, 2012

Maintenance Facility Design Workshop

- Meeting Purpose and Format
- Overview of Design Process and Timeline
- Overview of Site and Building Design Concept
- Next Steps

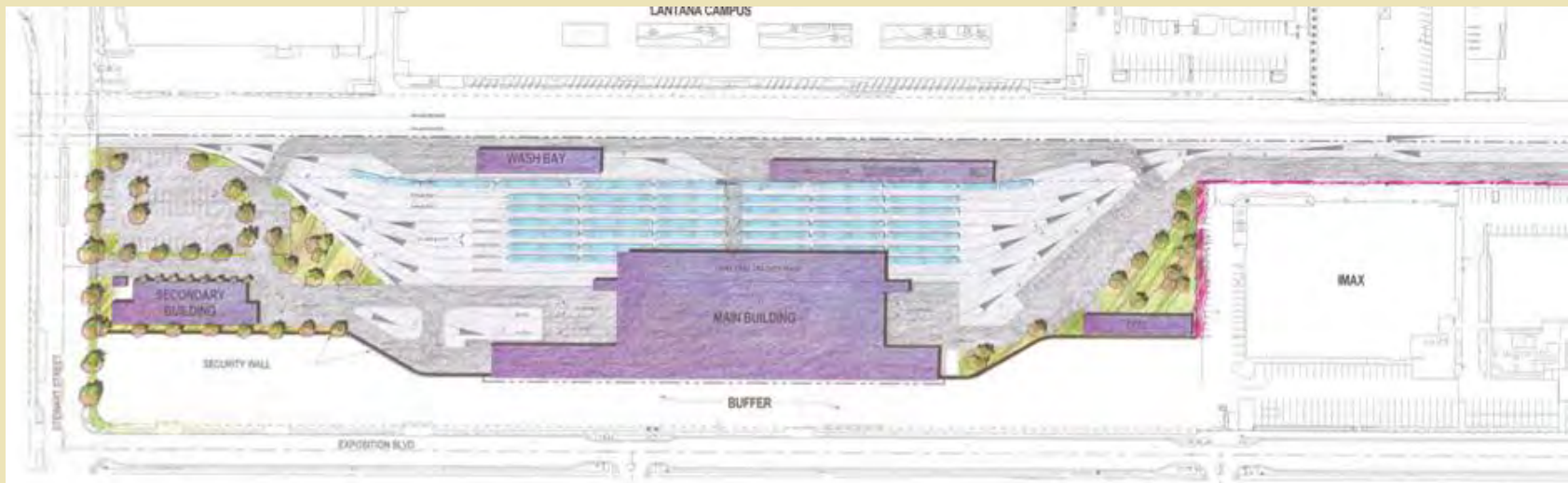


Overview of Final Design Process and Timeline

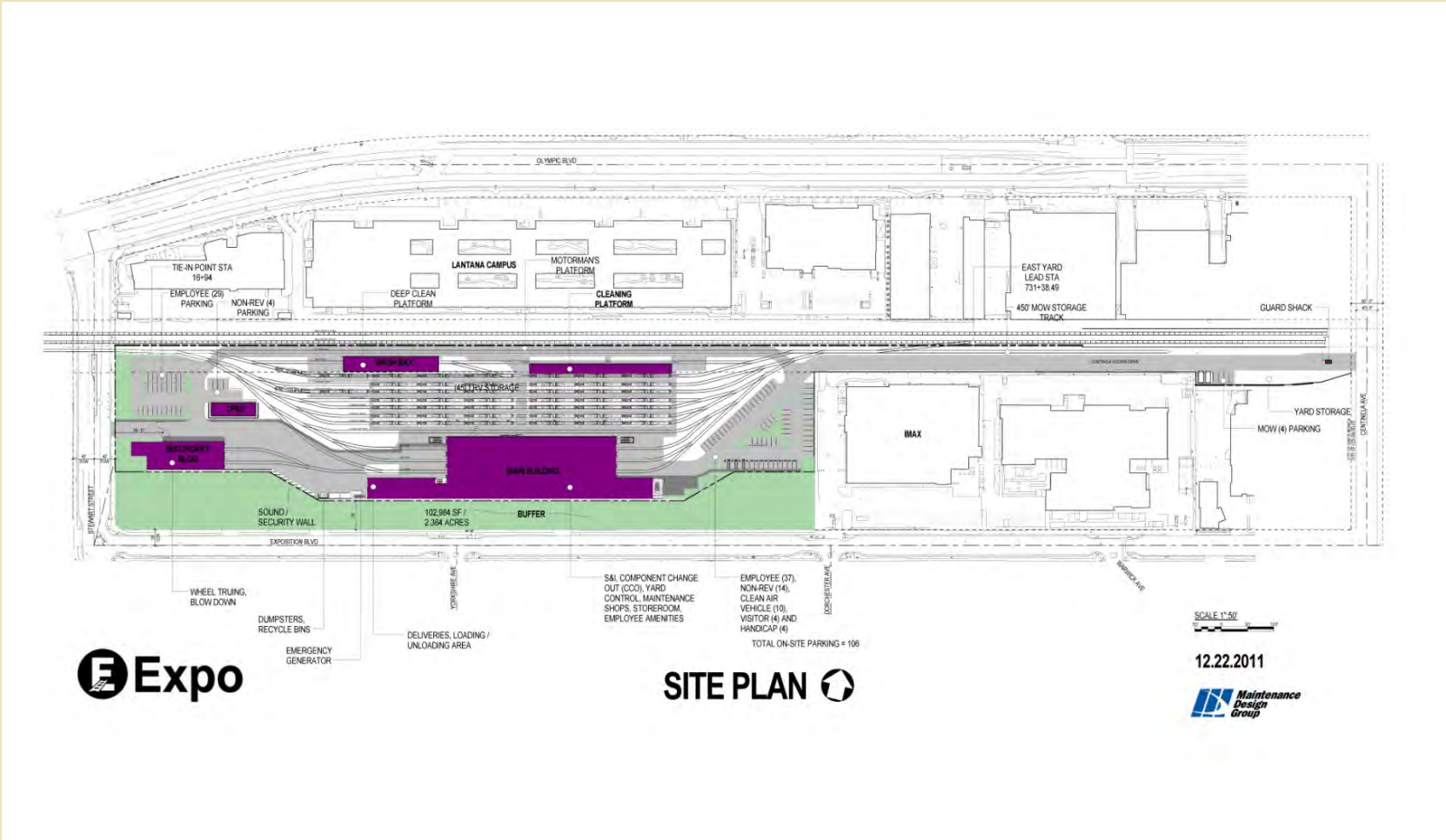


Overview of Community Input

- Community Meeting # 1: Community Design Considerations
 - Sound
 - Traffic
 - Visual
 - Safety
- Community Meeting #2: Scenario Presentation and Selection



Site Plan



SITE PLAN

12.22.2011

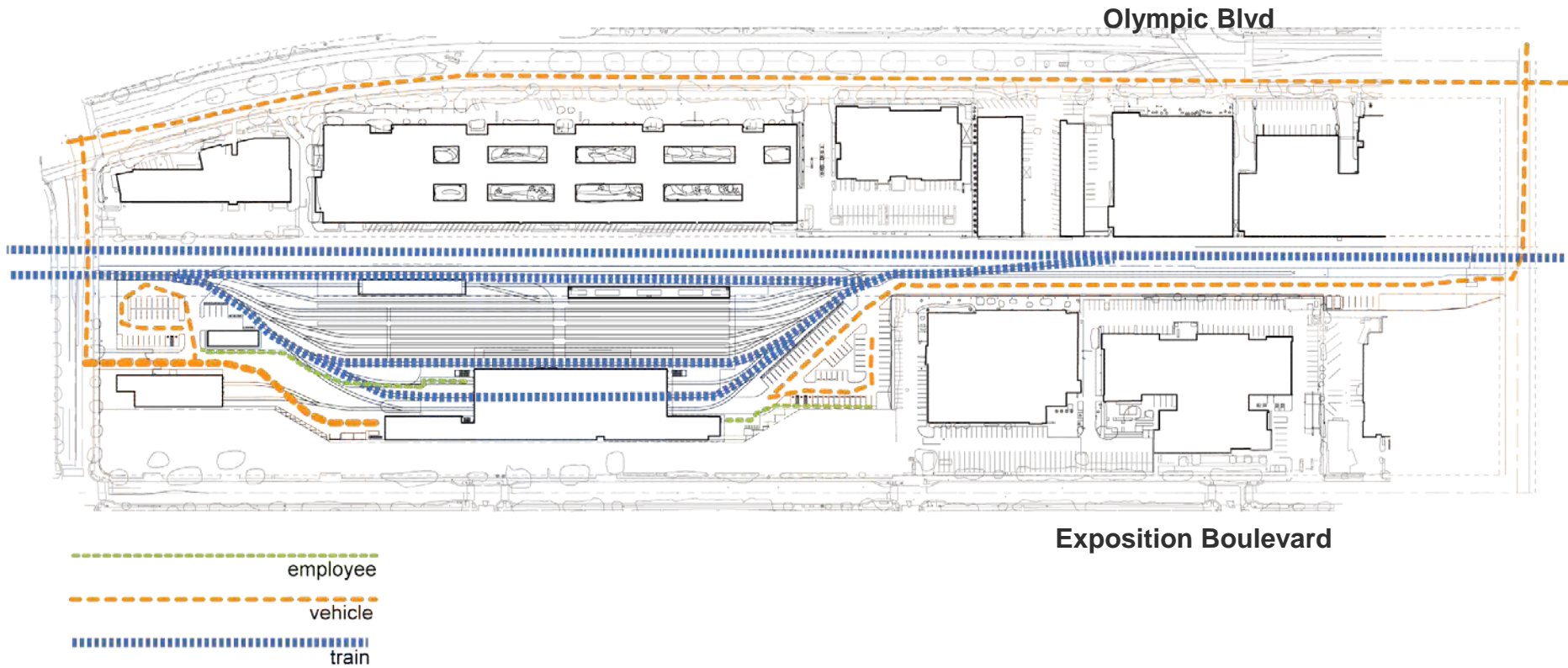


Principles of Design

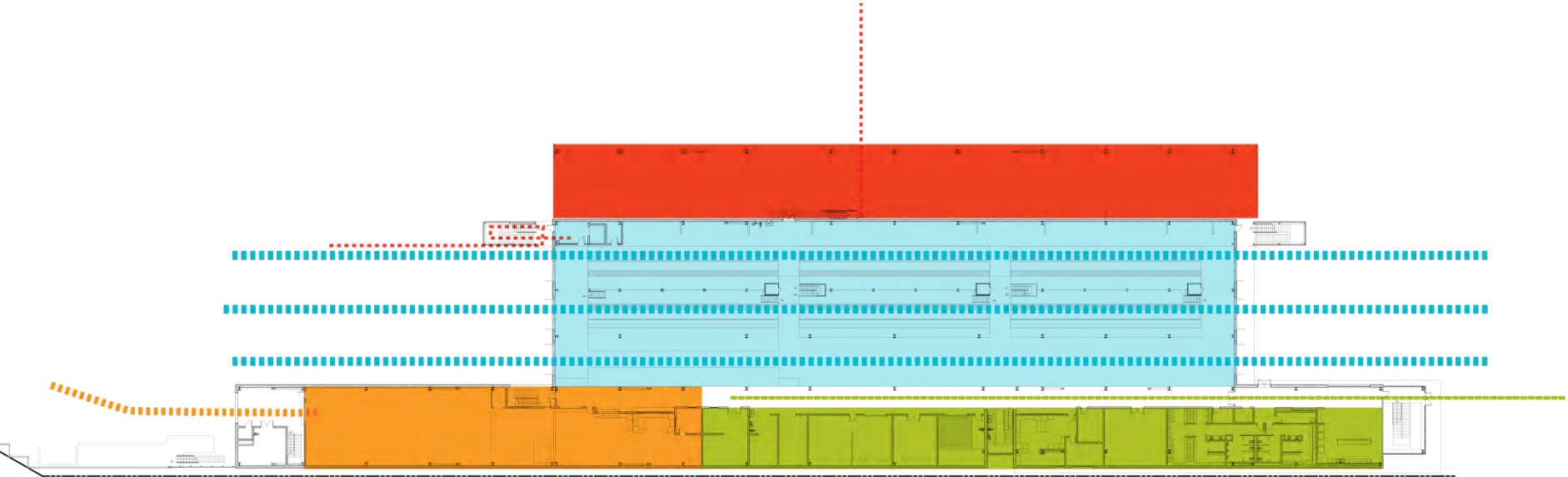
- Operations
- Sustainability
- Building Materials
- Site Context



On-Site Traffic Flow

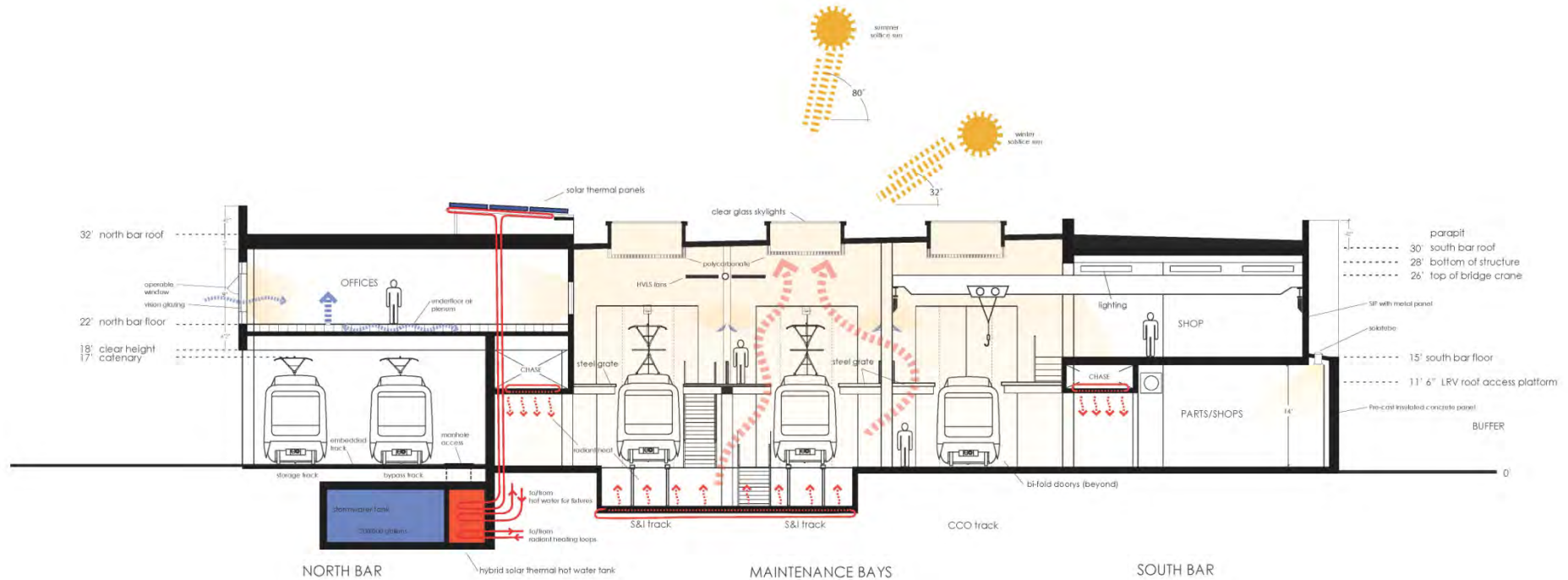


Site Layout



- materials
- trains
- rail operations
- maintenance

Leed Certification



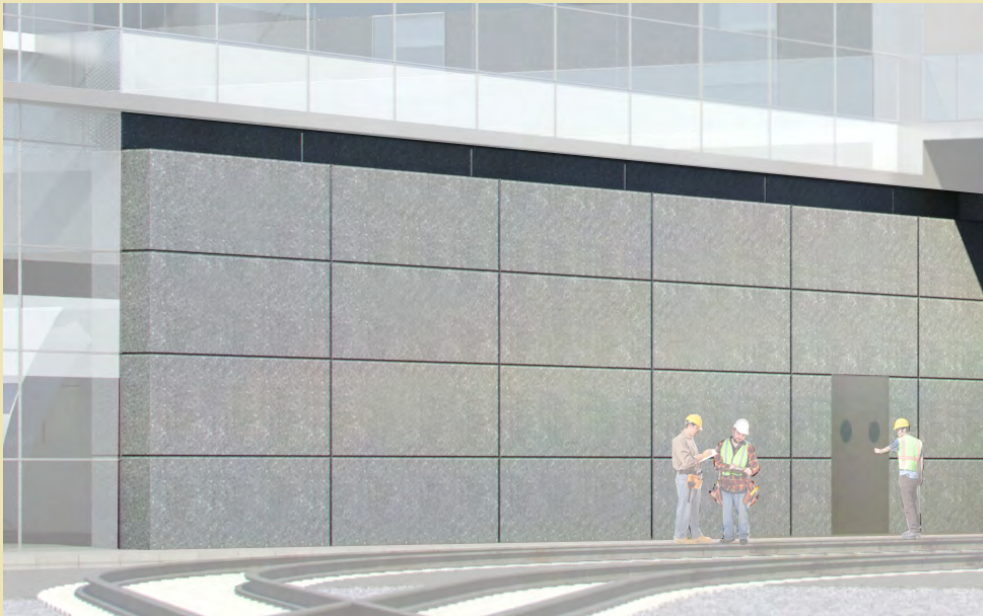
- Conditioned Space
 - Building HVAC

- Water Management
 - Storm water tank

- Passive Ventilation
 - Operable office windows

- Day Lighting
 - Clear glass skylights

Precast Insulated Concrete Panels



Benefits:

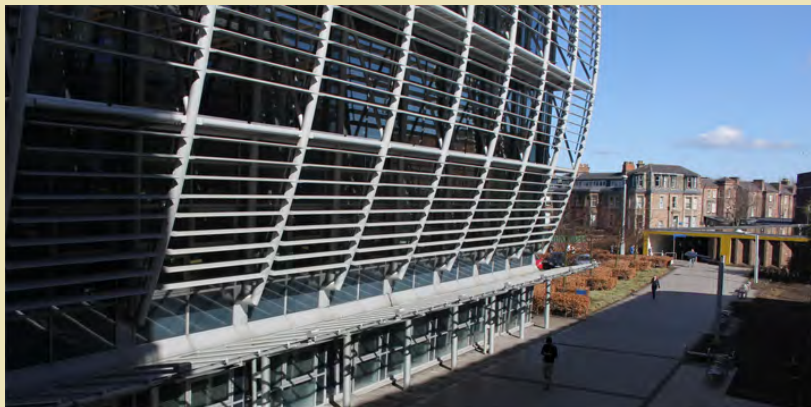
- Durable and low maintenance exterior and interior
- Effective thermal and moisture protection
- Ease of construction

Storefront Glazing



Benefits:

- High performance insulated glazing
- Transparency
 - Articulates south facade
 - Breaks down scale
- Properly shaded
 - Louvers and overhangs block direct sun



Metal



Benefits:

- Longevity and Durability
- Low Maintenance
 - No paint required
- Sustainable
 - High recycled content
- Energy
 - Low embodied energy

Exposition Boulevard View



View from Exposition Boulevard looking Northwest

Northwest View



Southwest View



Yorkshire Avenue View



View from Yorkshire Avenue looking North

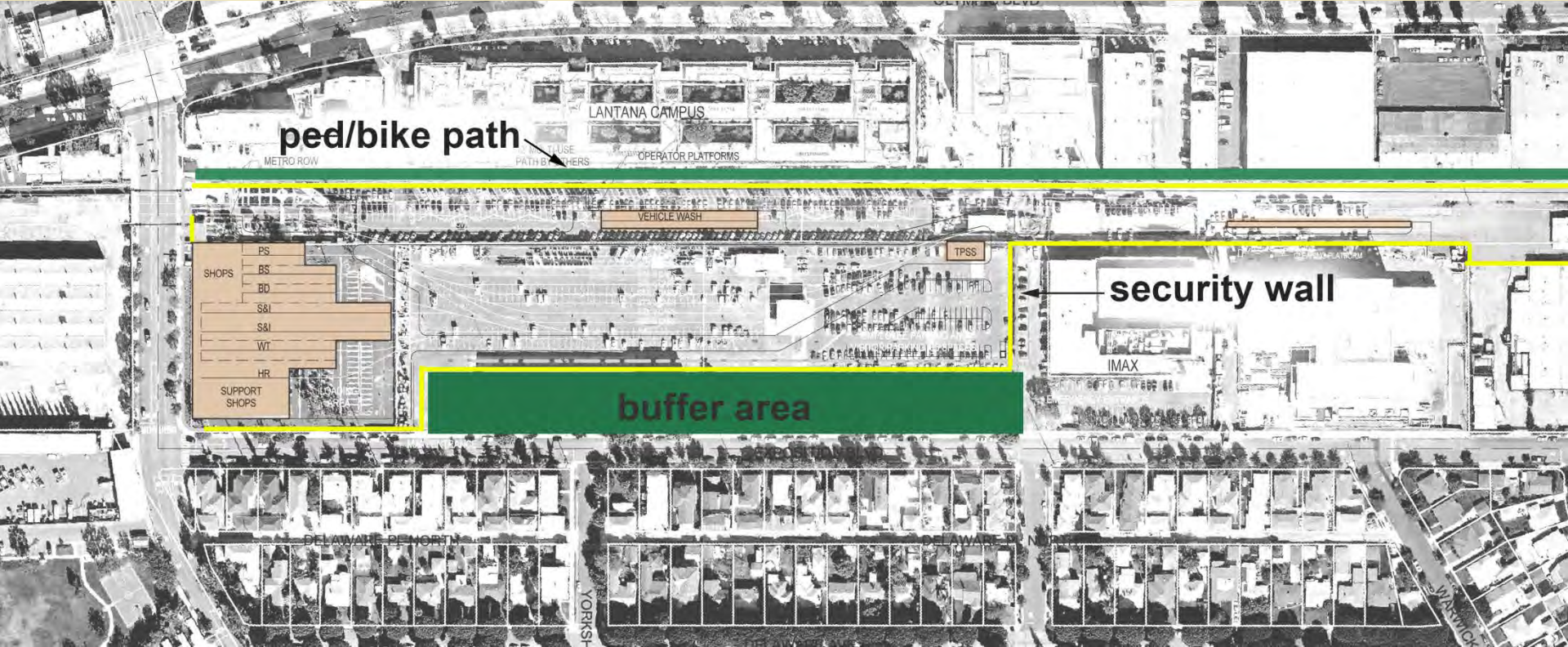
Design Concept Aerial View



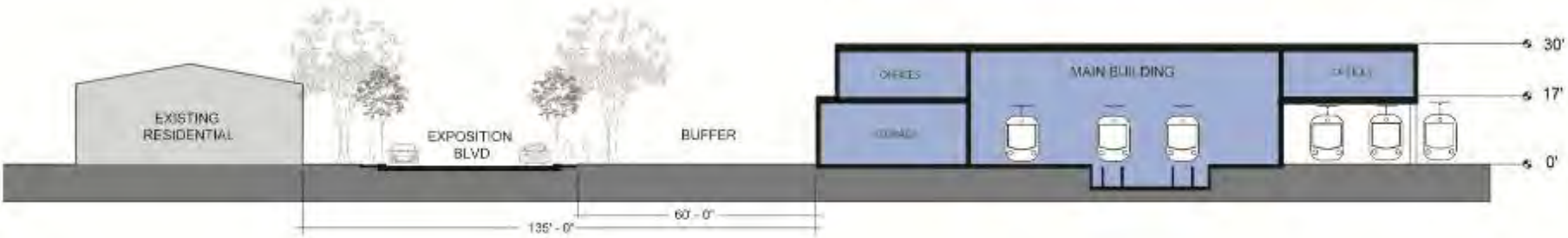
Next Steps in the Design Process

- Incorporate community input on design concept where feasible
- Continue design development
- Return for further input on specific design elements

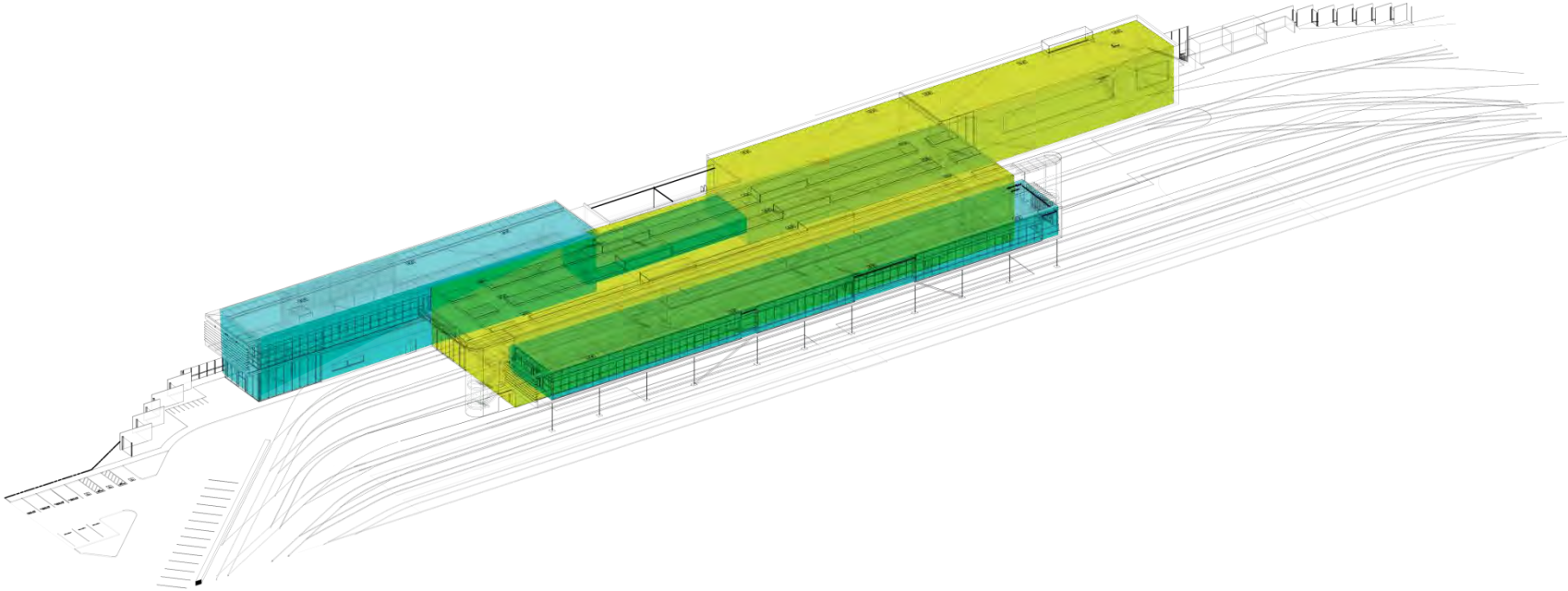
Maintenance Facility Site



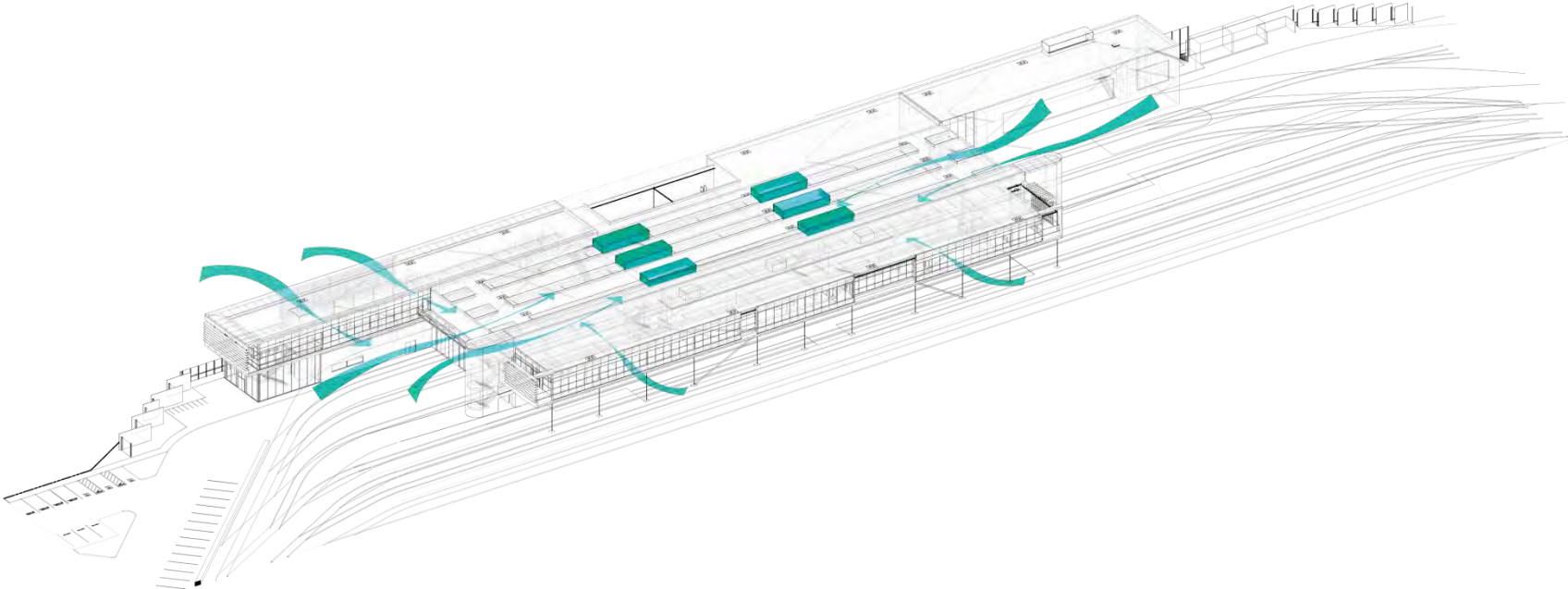
Site Cross-Section



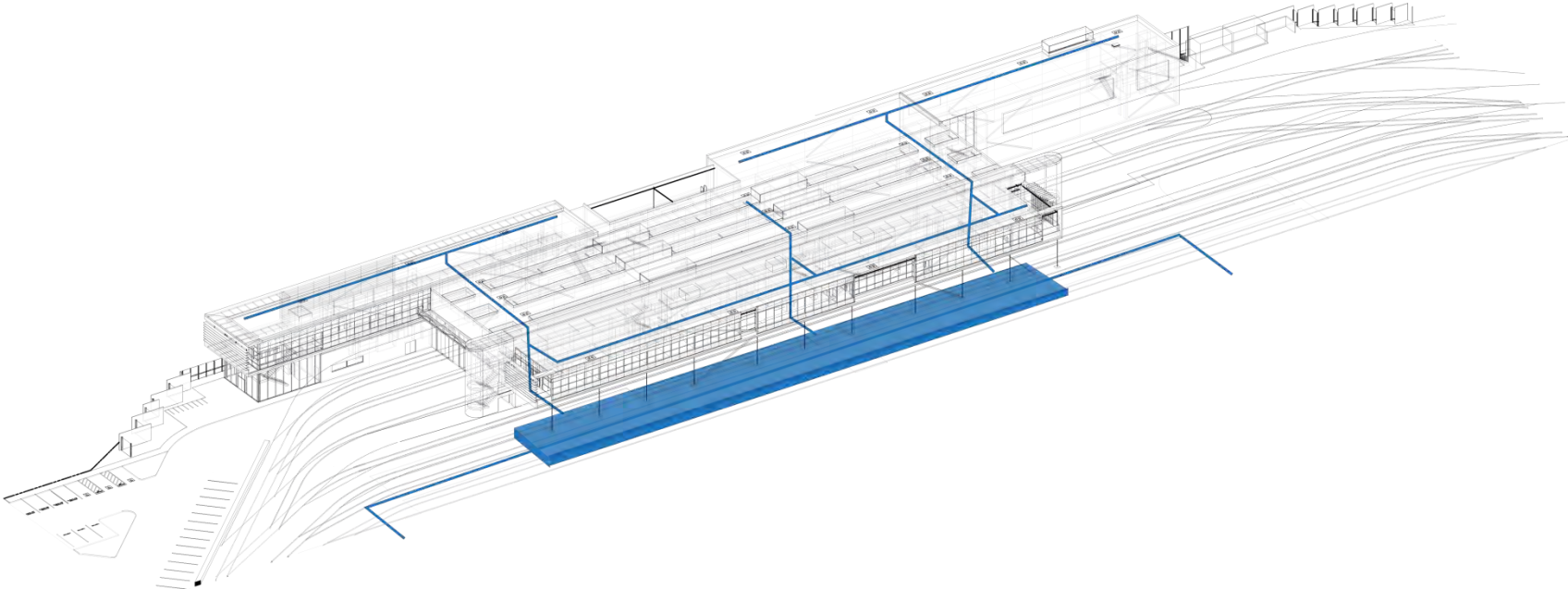
Sustainability- Conditioned Space



Sustainability- Passive Ventilation



Sustainability- Storm Water Tank



Sustainability- Day lighting

