

LIGHT RAIL PERMITTING ADVISORY COMMITTEE



COMMITTEE MEETING

Sept. 3, 2014 | 3:00PM -5:00PM | ROOM 1E-113



Agenda

- **3:00**
 - Call to Order, Approval of Agenda, Approval of July 30th Meeting Minutes – Co-Chairs Van Houten and Mathews
 - Public Comment
- **3:20**
 - Introduction to South Bellevue Design and Mitigation Permit– Matthews Jackson
- **3:30**
 - Sound Transit Response to South Bellevue Pre-Development Advisory Document– Paul Cornish
- **4:00**
 - South Bellevue Swayolocken Wetland Mitigation Plan– David Pyle and Ellie Ziegler
- **4:45**
 - Public Comment



South Bellevue Design and Mitigation Permit



Light Rail Permitting Committee



South Bellevue Design and Mitigation Permit

- Landscape Development
 - Living wall on garage
 - Living roof on garage deck
 - Living wall alternative such as another landscape feature
 - Guideway screening
 - Mature landscaping
- Light and Glare
 - Avoidance of light spillover into neighborhoods
- Critical Areas
 - Bird management
 - Light impacts on wildlife
- Design Guidelines
 - South Bellevue garage and site should relate to city in a park vision
 - Less hard edges in station design
 - Artist design for garage screening
 - Art to screen guideway
 - Expanded use of color

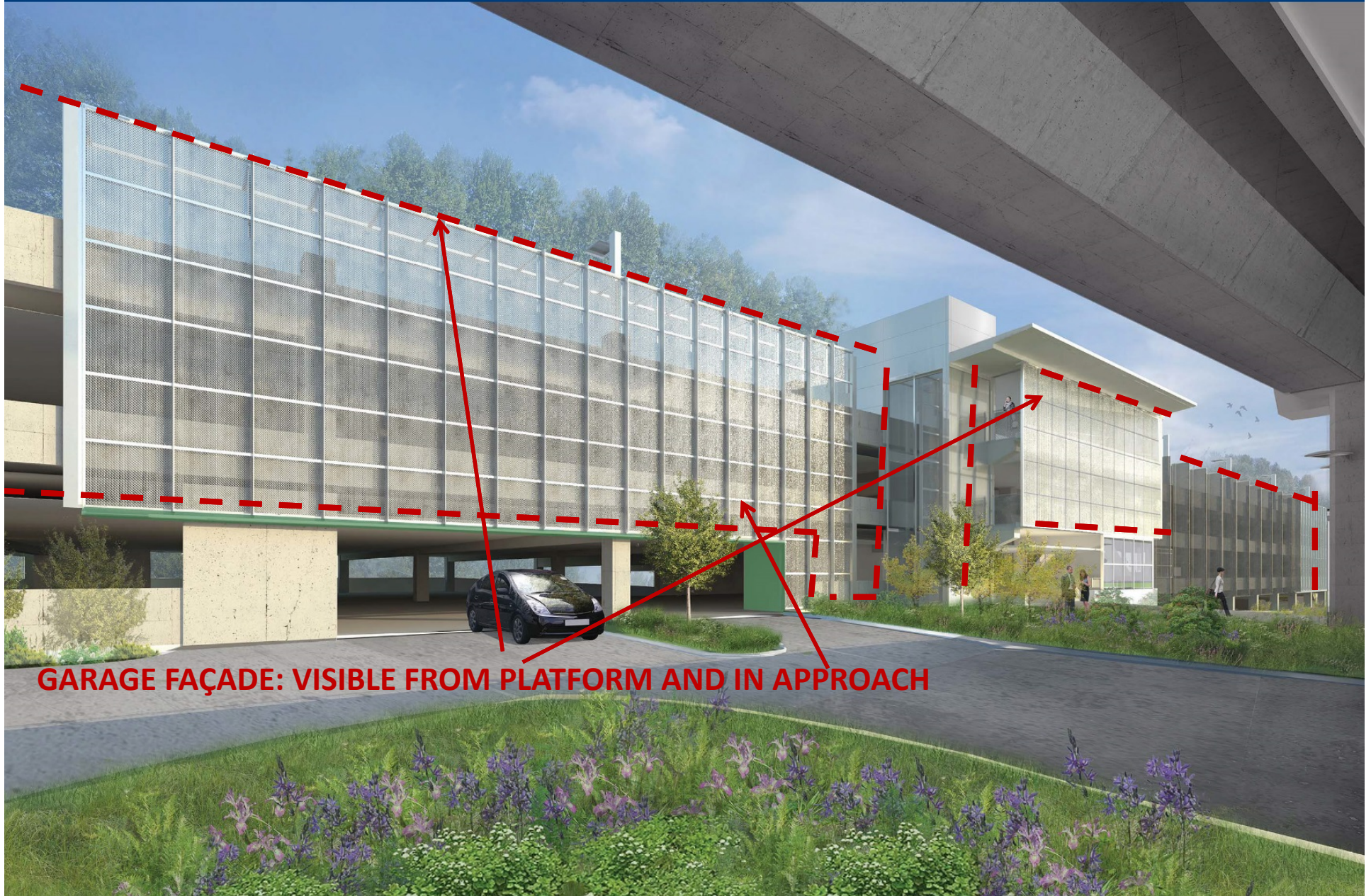


South Bellevue Design and Mitigation Permit

- Sound Transit Presentation

SOUTH BELLEVUE STATION - PERSPECTIVE GARAGE NORTH ENTRY

EAST LINK EXTENSION



GARAGE FAÇADE: VISIBLE FROM PLATFORM AND IN APPROACH

SOUTH BELLEVUE STATION - PERSPECTIVE AERIAL VIEW

EAST LINK EXTENSION

Front Approach Art Opportunity: Guideway and Plaza





East Link – Swayolocken Mitigation Site

Background

Critical Areas

- The City of Bellevue regulates development activity within areas designated as Critical Areas
- Development around designated Critical Areas must be designed to avoid, minimize, and when impact is necessary mitigate
- Some impacts to streams and wetlands within the Kelsey Creek basin
- When mitigation is necessary it must be in basin and in kind to extend feasible



East Link – Sveyolocken Mitigation Site

Background

East Link Design

- E-320 design has been refined to avoid impact, some elements of project cannot be adjusted to avoid impacting critical areas
- Columns
- Stormwater outfalls
- Access driveways (blueberry farm and winters house access road)
- Shading from guideway



East Link – Swayolocken Mitigation Site

Mitigation

Accounting

- Impacts within Mercer Slough area
 - Streams/Stream Buffers
 - Wye Creek
 - Alcove Creek
 - Wetlands/Wetland Buffers
 - Mercer Slough Wetland
 - Bellefield Wetlands
 - SE 8th Street Wetland



East Link – Sveyolocken Mitigation Site

Mitigation

Accounting

- Compensatory Mitigation within Mercer Slough area
 - Buffer impacts through buffer enhancement along 112th Ave SE
 - Stream and Wetland impacts through wetland rehabilitation and wetland enhancement at Sveyolocken



East Link – Sveylocken Mitigation Site

Sveylocken – Site Selection

Site Selection Factors:

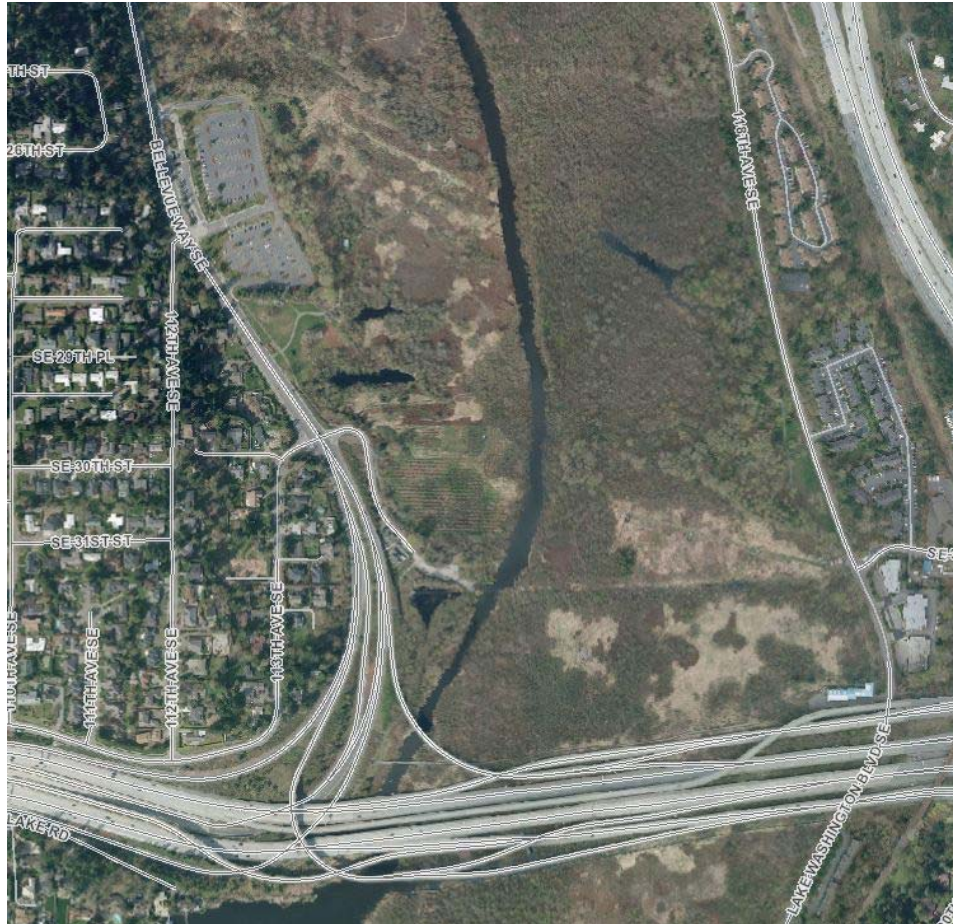
- It is within a large, protected wetland complex – dominated by native wetland vegetation
- It is within the same wetland, sub-basin, and basin as some of the wetland impacts
- It has existing wetland soils
- The elevation, topography, and hydrology lend themselves to successful wetland rehabilitation and enhancement.
- It is in an area that is heavily used by many species, including species that prefer wetland habitats.

= Opportunity



East Link – Sveyolocken Mitigation Site

Sveyolocken



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East Link – Sveylocken Mitigation Site

Sveylocken

Table 3-1 Project Wetland Impacts and Proposed Mitigation Summary

Permanent Conversion of Wetland Vegetation Type by Basin and Wetland Rating ¹						
Wetland Category	Drainage Sub-basin	Permanent Vegetation Conversion	Mitigation Type	Mitigation Ratio ¹	Mitigation Requirement ¹ (Acres)	Proposed Mitigation by Type and Site
Category II	Mercer Slough/ Valley Creek	0.41	Enhancement	6:1	2.46	Enhancement at Sweyolocken
Category III	Mercer Slough/Sturtevant Creek/ West Tributary/ Valley Creek	0.46	Enhancement	4:1	1.84	Enhancement at Sweyolocken
Subtotal		0.87		Subtotal	4.30 Acres of Enhancement at Sweyolocken	
Permanent Impacts to Wetlands by Basin and Wetland Rating ¹						
Wetland Category	Drainage Sub-basin	Permanent Impacts (Acres)	Mitigation Type	Mitigation Ratio ¹	Mitigation Requirement ¹ (Acres)	Proposed Mitigation by Type and Site
Category II	Mercer Slough	0.25	Rehabilitation	6:1	1.50	Rehabilitation at Sweyolocken
Category III	Mercer Slough	0.13	Creation and Enhancement	1:1 Create; 4:1 Enhance	0.13 Create; 0.52 Enhance	Creation at West Tributary, Enhancement at Sweyolocken
Category II	West Tributary	0.01	Creation	3:1	0.03	Creation at West Tributary
Category III	West Tributary	0.05	Creation	2:1	0.10	Creation at West Tributary
Category III	Valley Creek	0.01	Creation	2:1	0.02	Creation at West Tributary
Subtotal		0.45		Subtotal	0.52 Acre of Enhancement 1.50 Acres of Rehabilitation 0.28 Acre of Creation	
TOTAL		0.87	Permanent Vegetation Conversion	TOTAL	4.82 Acres of Enhancement 1.50 Acres of Rehabilitation 0.28 Acre of Creation	
		0.45	Permanent Impacts			

Notes:

¹ Mitigation ratios and requirements provided here are based on Washington Department of Ecology, US Army Corps of Engineers Seattle District, and Environmental Protection Agency, Region 10 guidance (Ecology et al. 2006) except for permanent vegetation.



East Link – Sweyolocken Mitigation Site

Sweyolocken (Vicinity)

Table 3-3 Project Stream Impacts and Proposed Mitigation

Stream	Local Stream Rating	Permanent Impacts (sf)	Proposed Mitigation
Sturtevant Creek	Type F	3,443	3,500 sf of restoration at Sturtevant Creek
Wye Creek	Type F	218 (shading)	454 sf of Buffer Enhancement to Mercer Slough Wetland; 40 sf of stream daylighting at Wye Creek
Alcove Creek	Type F	236 (shading)	
Unnamed Tributary to Kelsey Creek	Type N	3,025	9,485 sf of Stream Channel Enhancement (4,685 sf at West Tributary to Kelsey Creek and 4,800 sf at Lower Coal Creek.

Note:

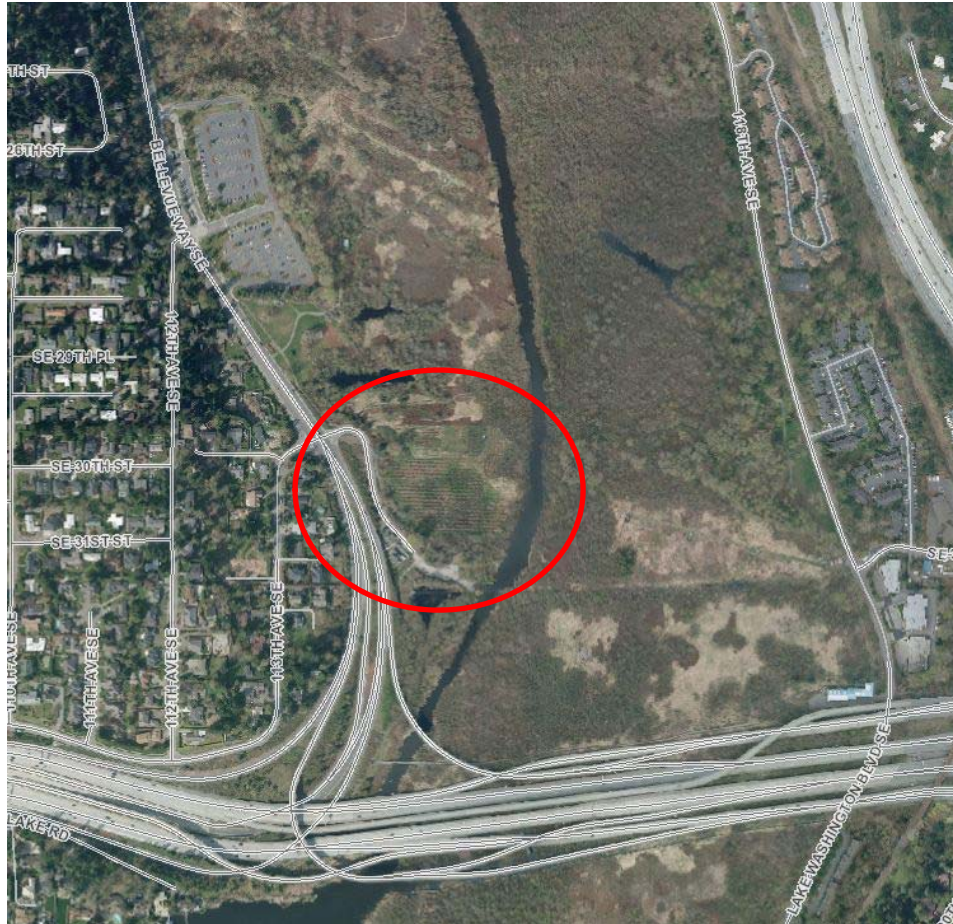
sf = square feet





East Link – Sveyolocken Mitigation Site

Sweyolocken - Design

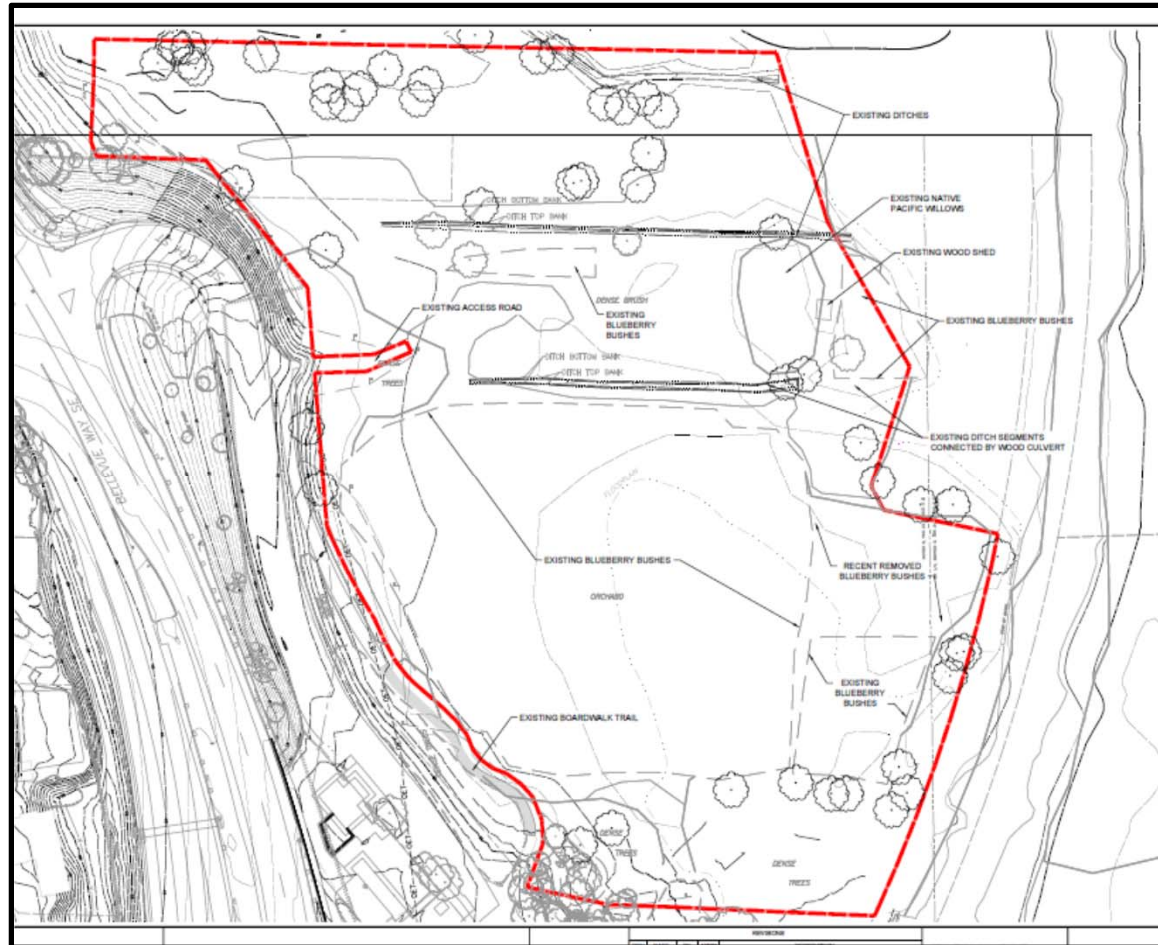


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East Link – Swayolocken Mitigation Site

Swayolocken - Design



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East Link – Sveyolocken Mitigation Site

Sveyolocken – Current Condition





East Link – Sveyolocken Mitigation Site

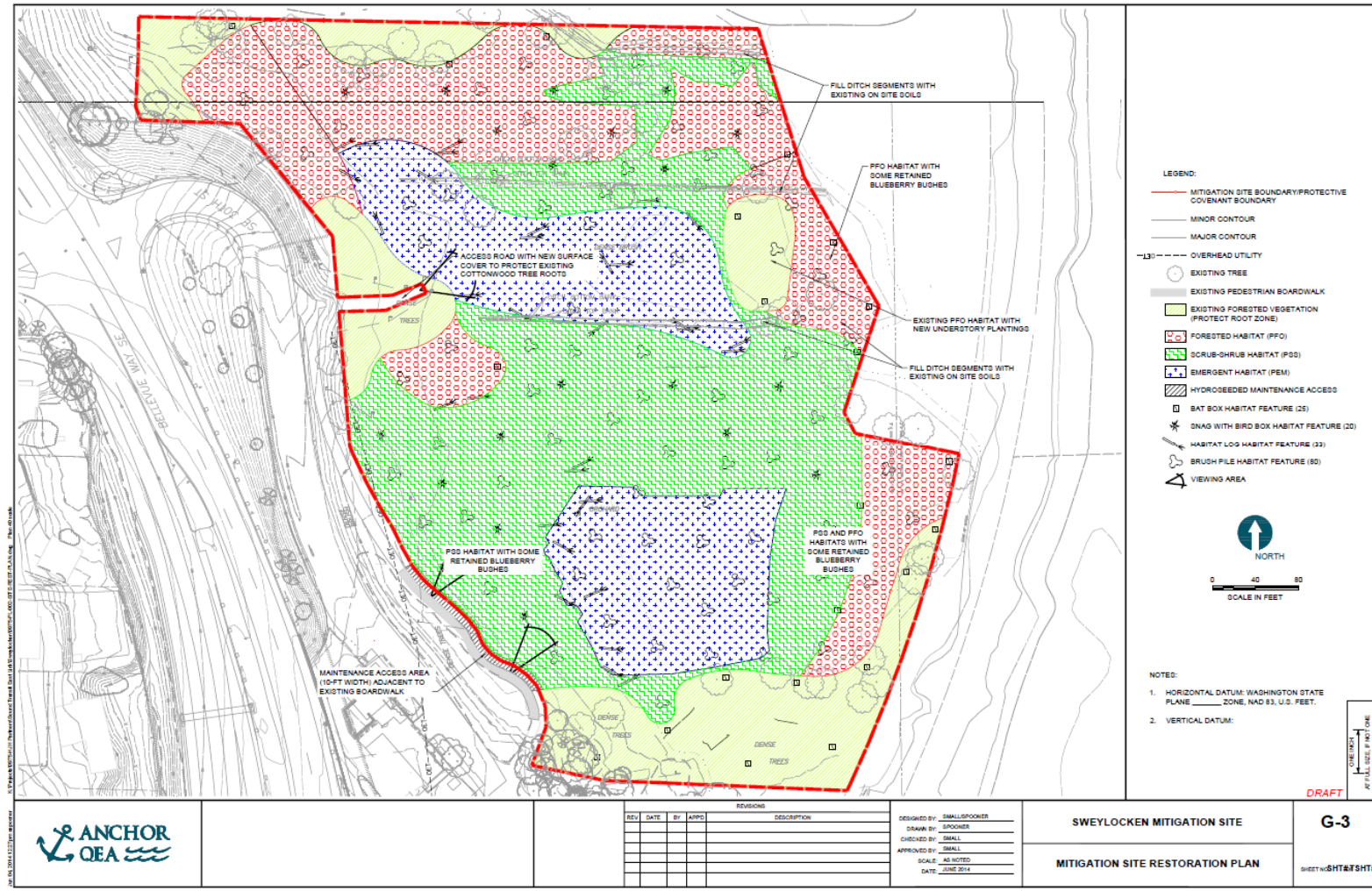
Sveyolocken – Current Condition





East Link – Sveyolocken Mitigation Site

Sveyolocken – Design

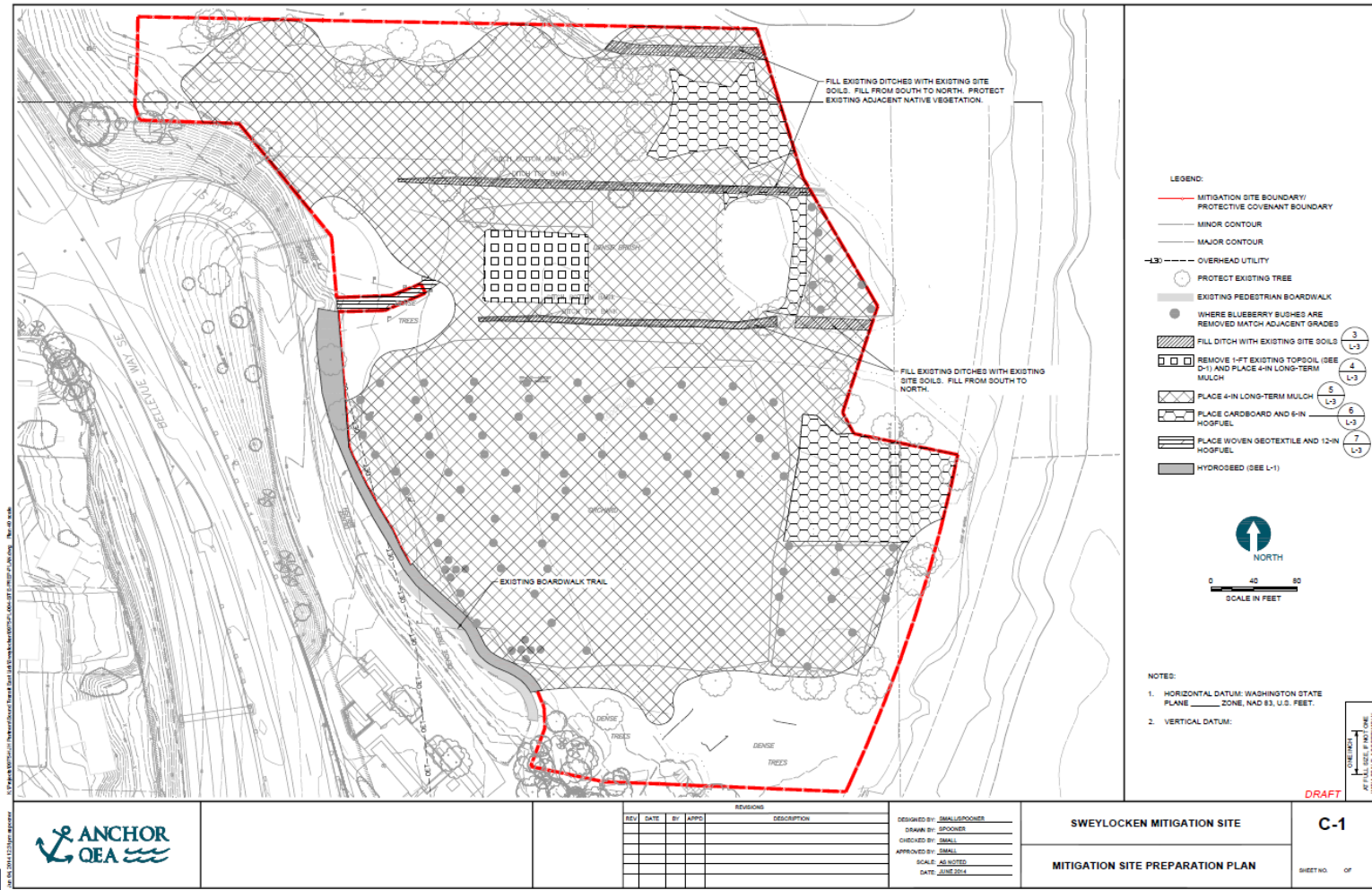


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East Link – Sveyolocken Mitigation Site

Sveyolocken – Design

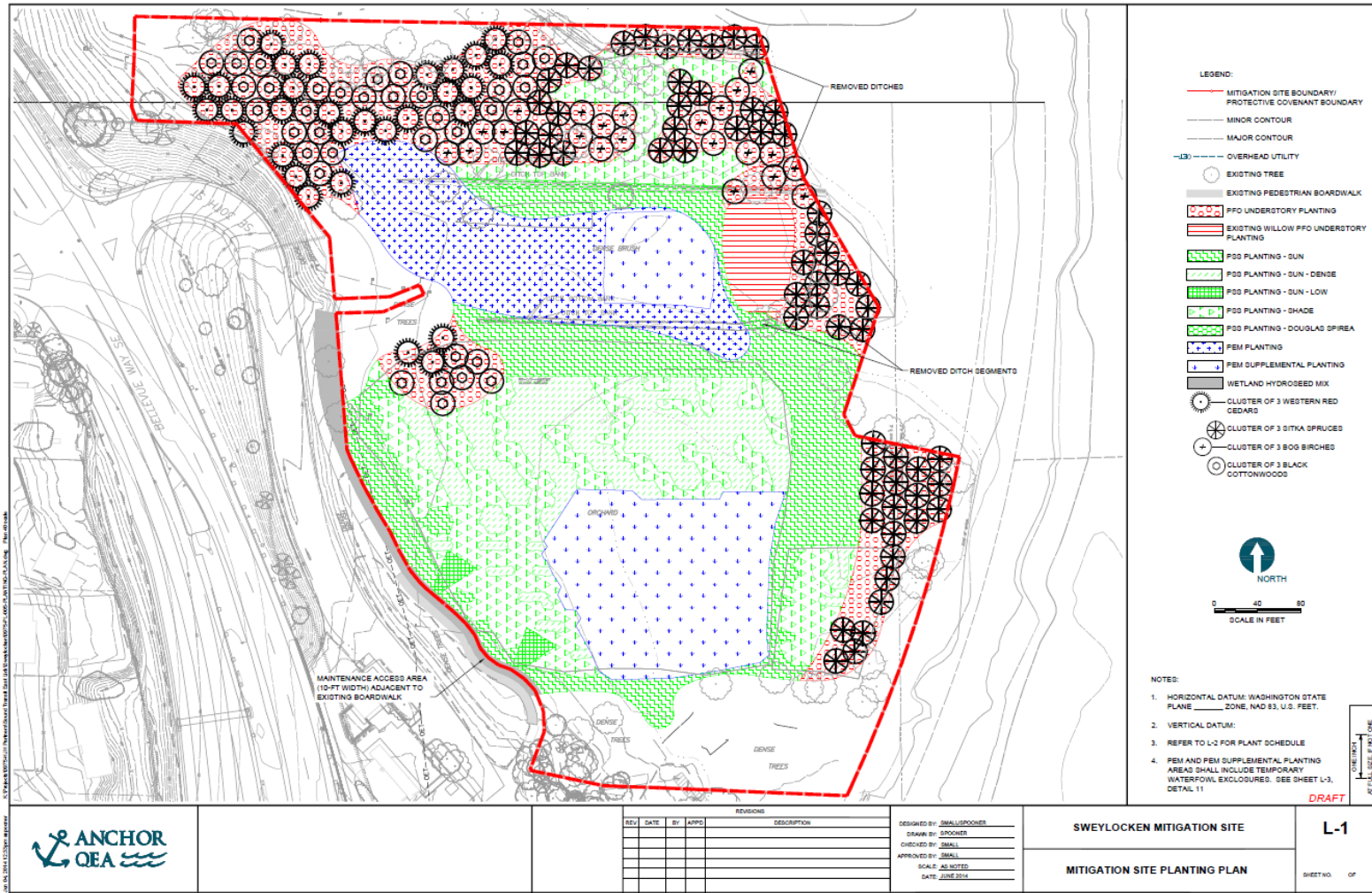


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East Link – Sveyolocken Mitigation Site

Sveyolocken – Design



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East Link – Sveyolocken Mitigation Site

Questions?



Next Meeting

September 17

- Review/discuss South Bellevue noise mitigation
-
- Show wall locations and finishes
-
- Migratory bird mitigation
-
- Code pinch points