

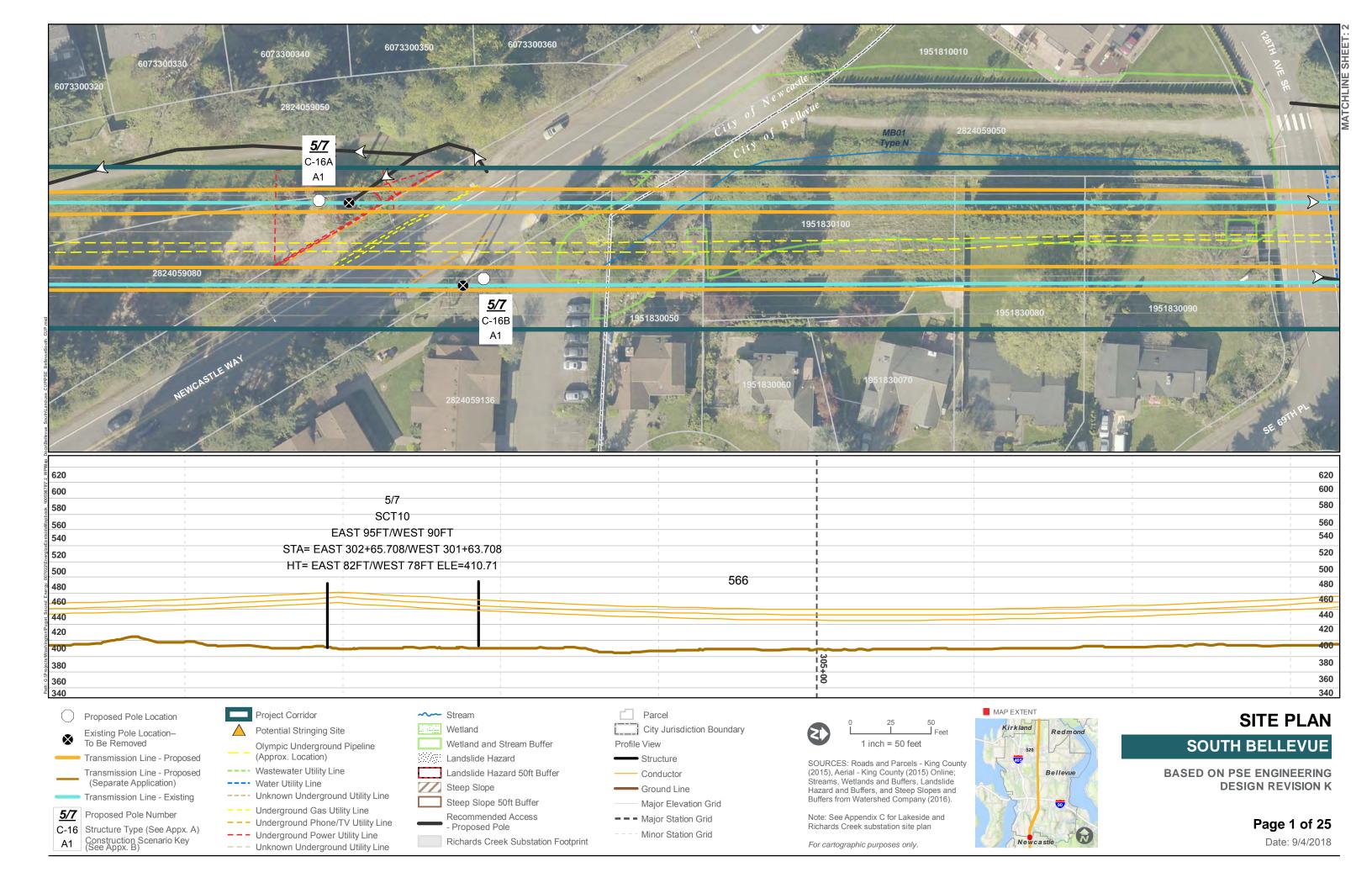


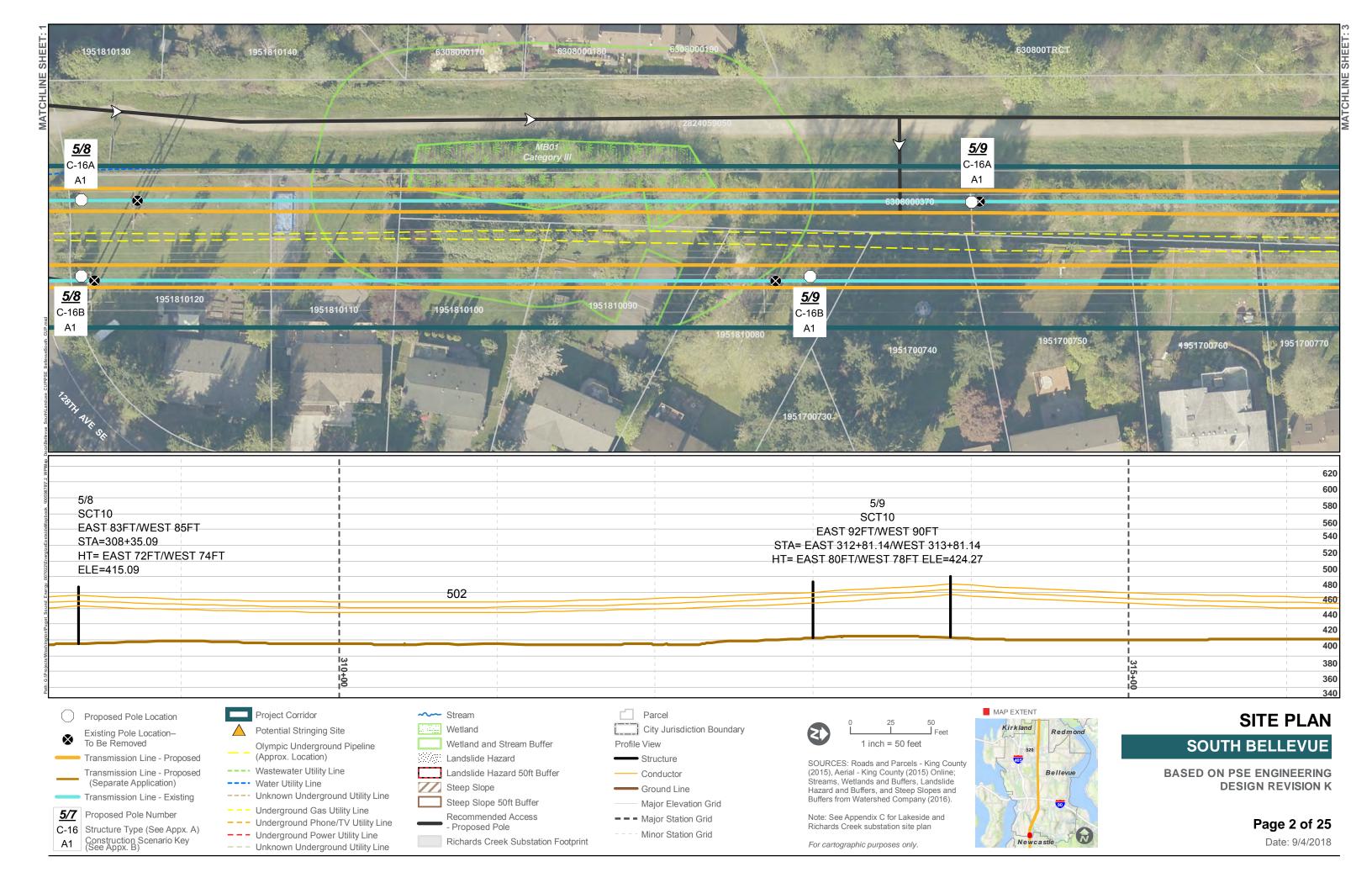
**CRITICAL AREAS LAND USE PERMIT** 

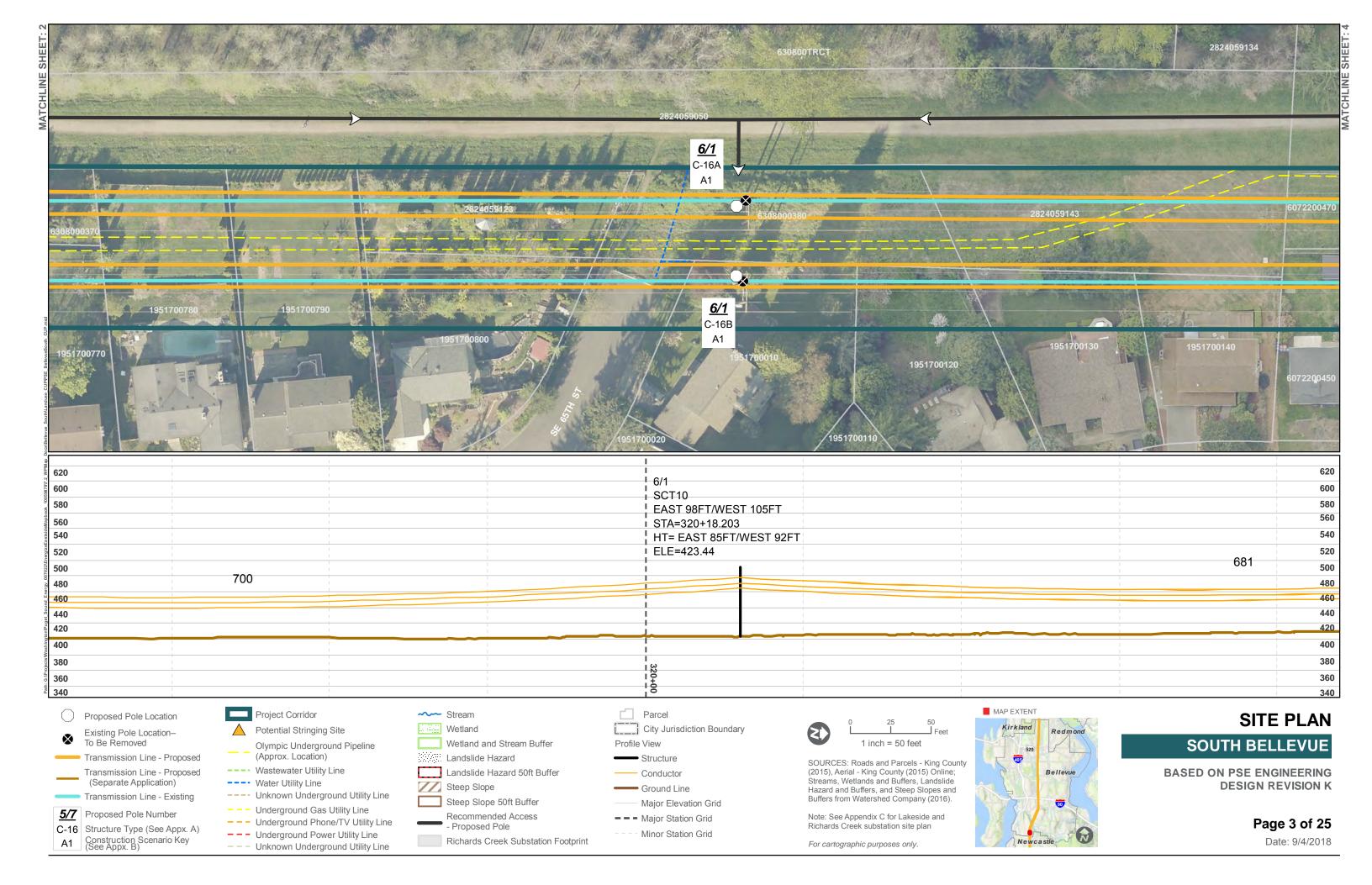
SOUTH BELLEVUE

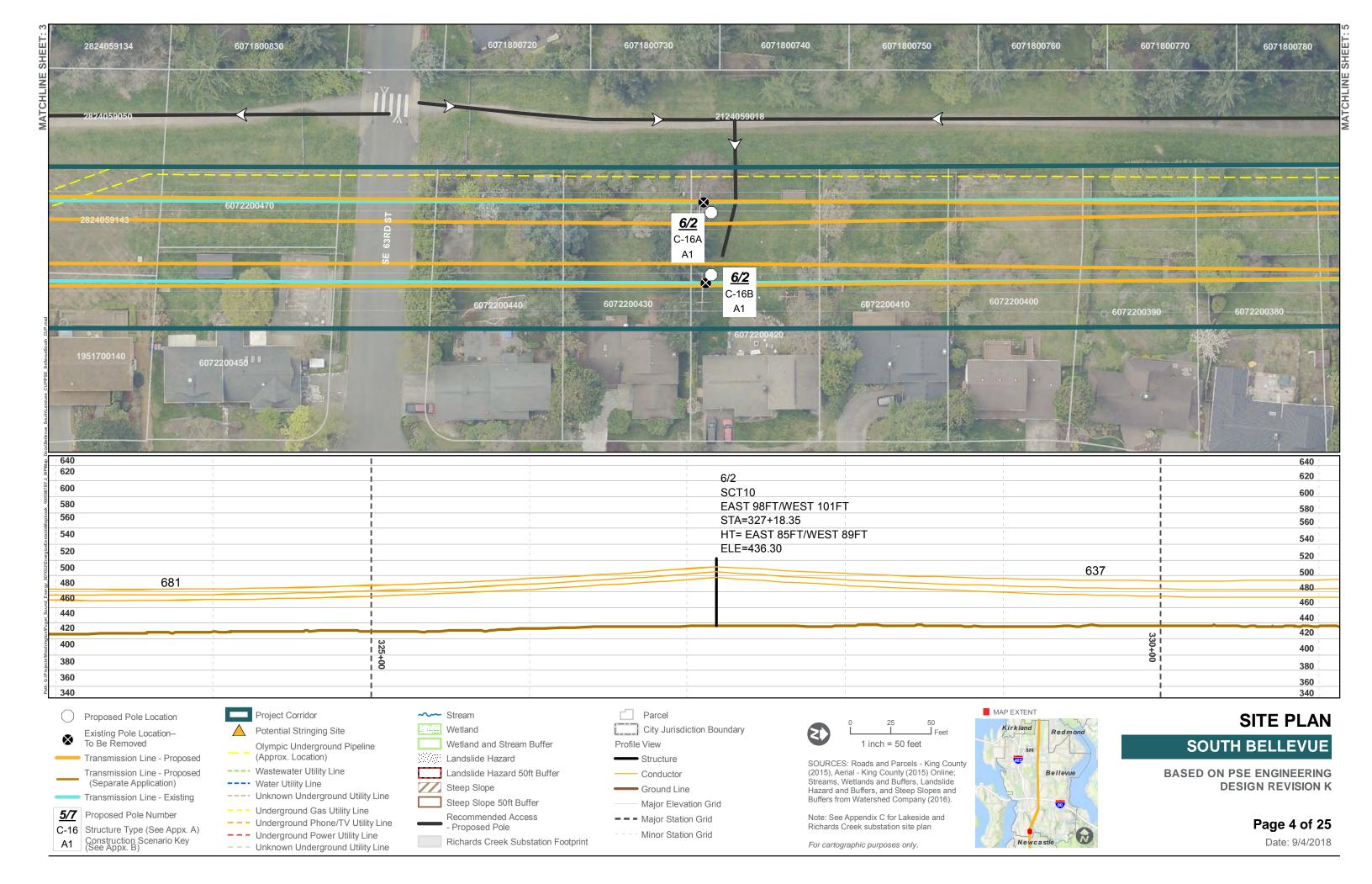
Topo Basemap - ESRI Online, Transmission Line - PSE

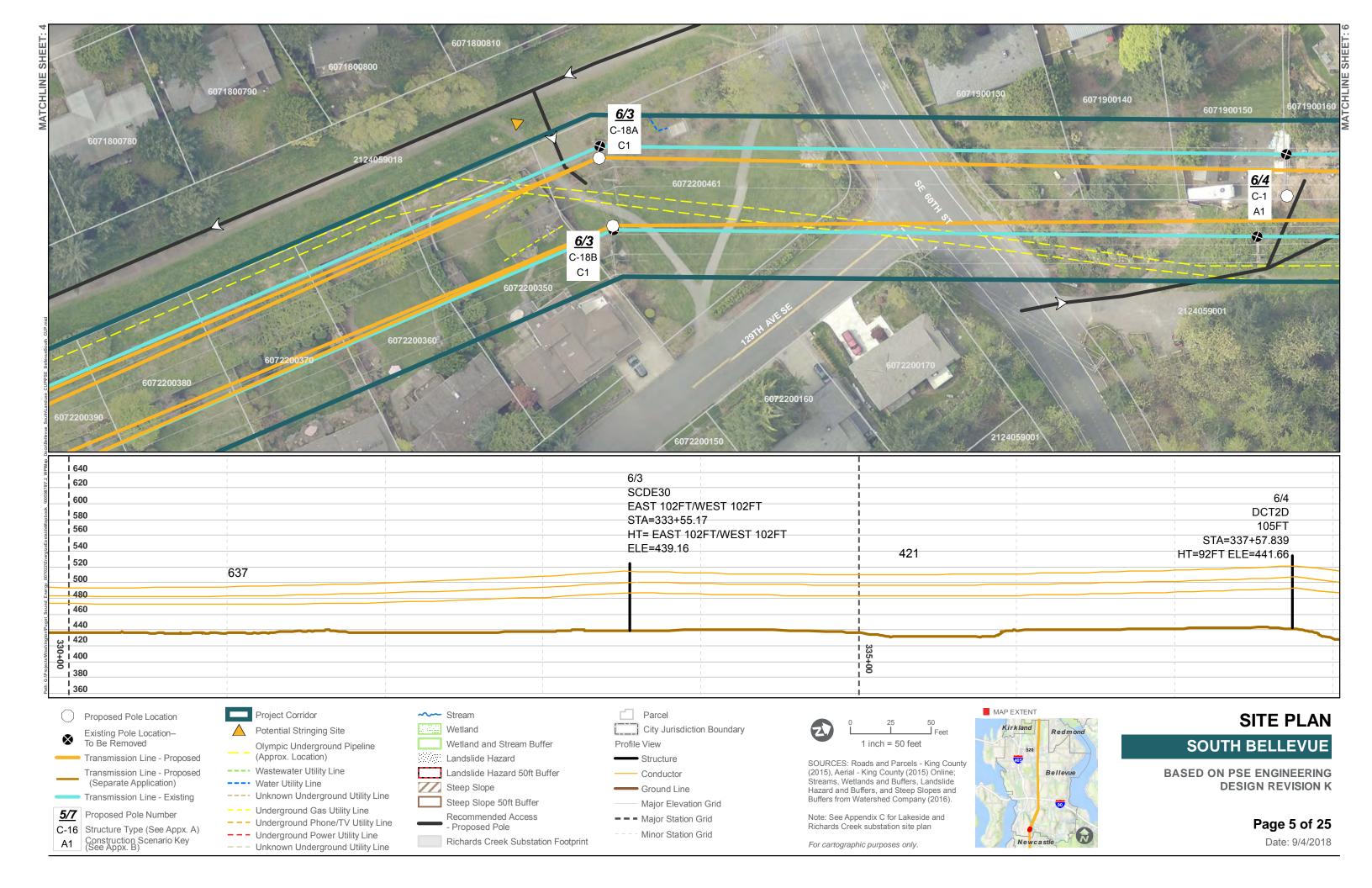
Date: 9/4/2018

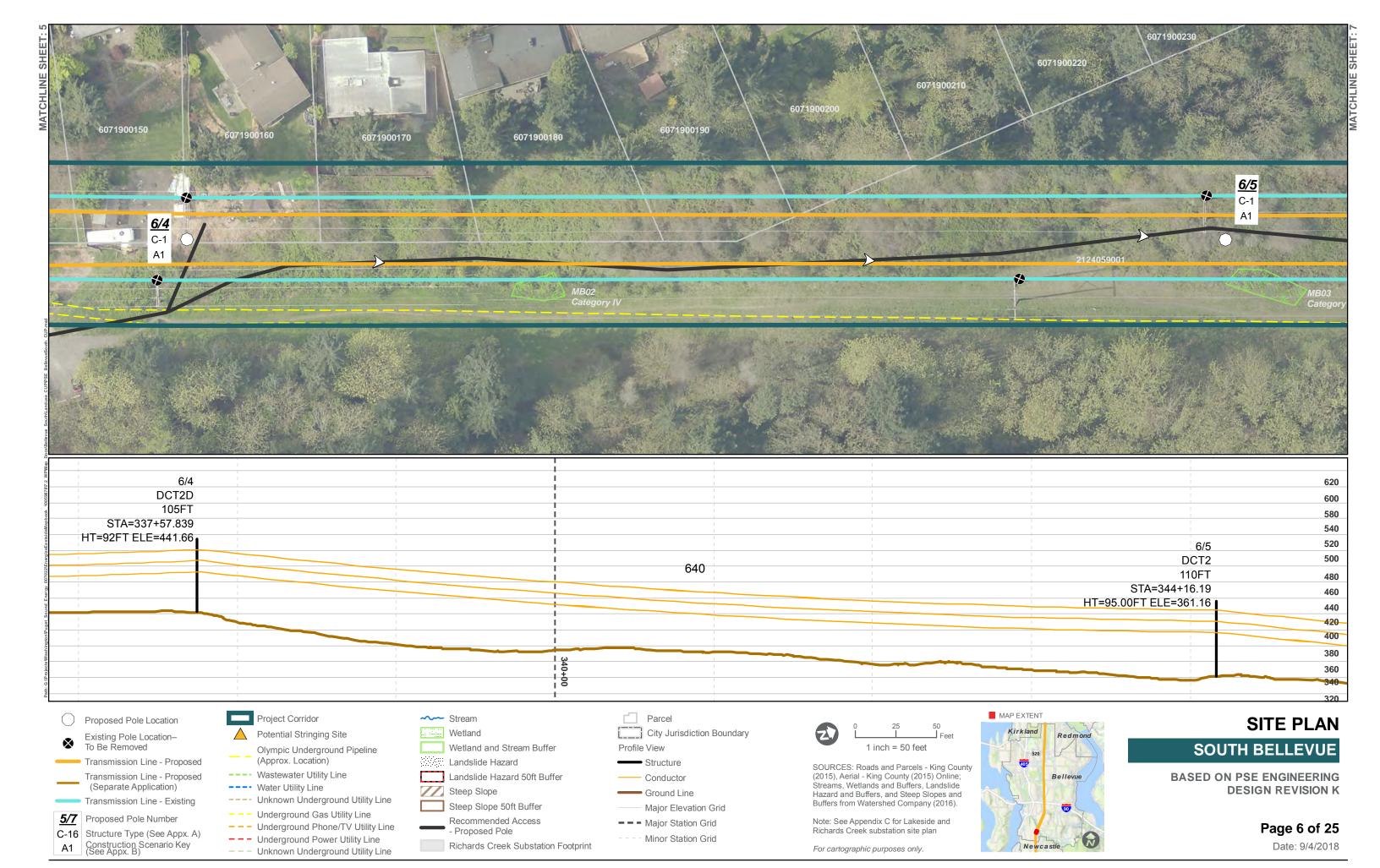


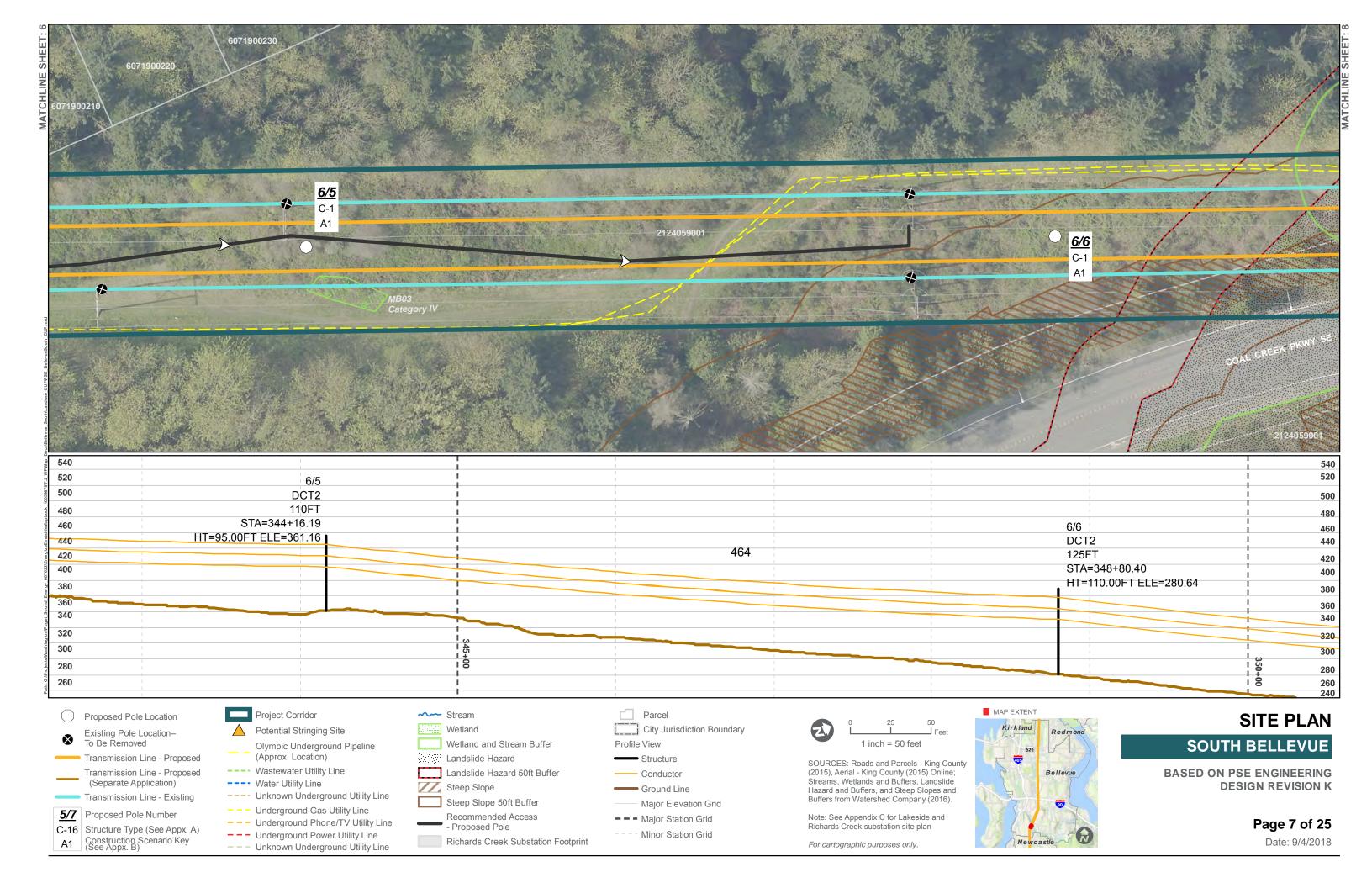


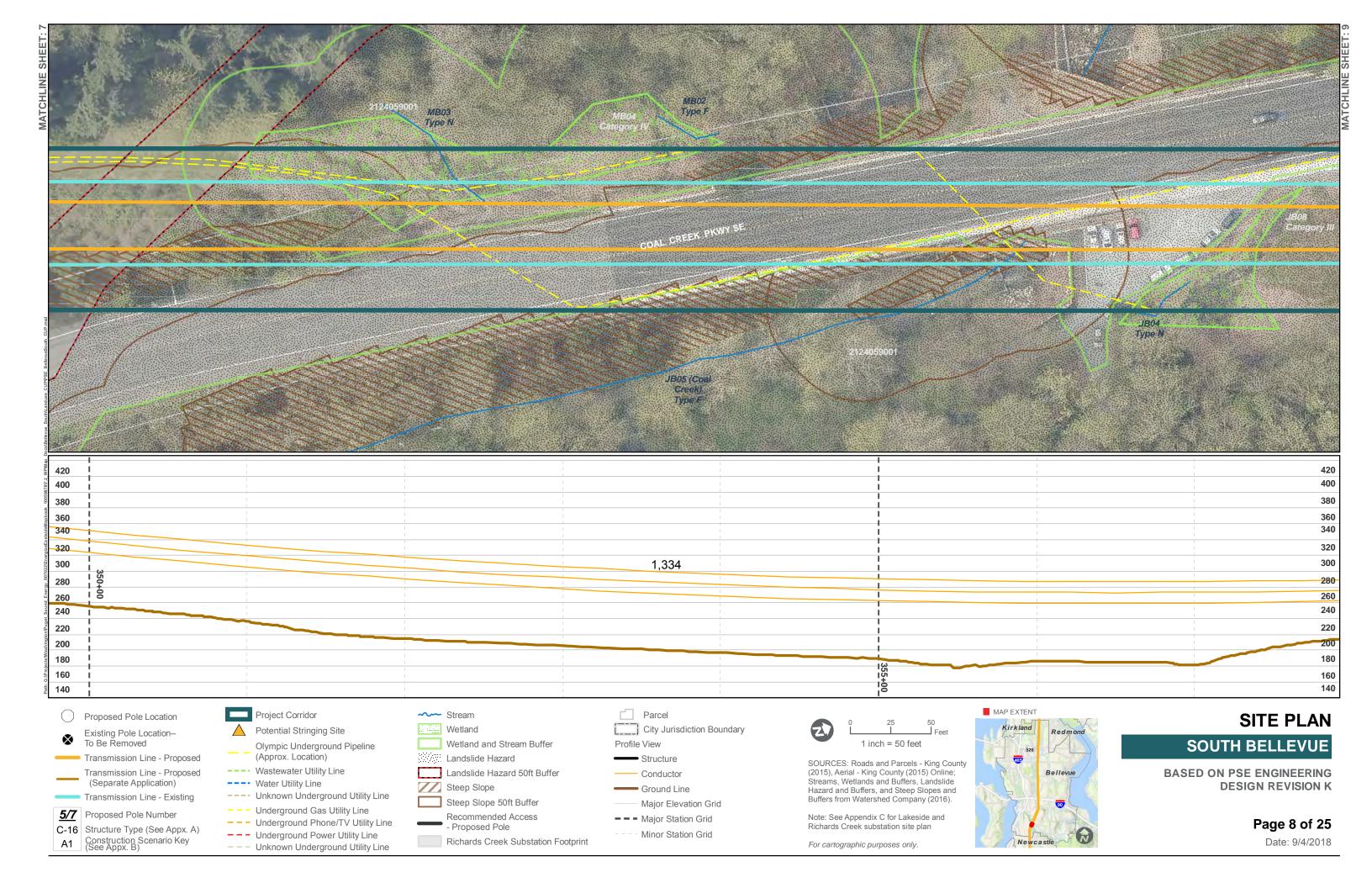


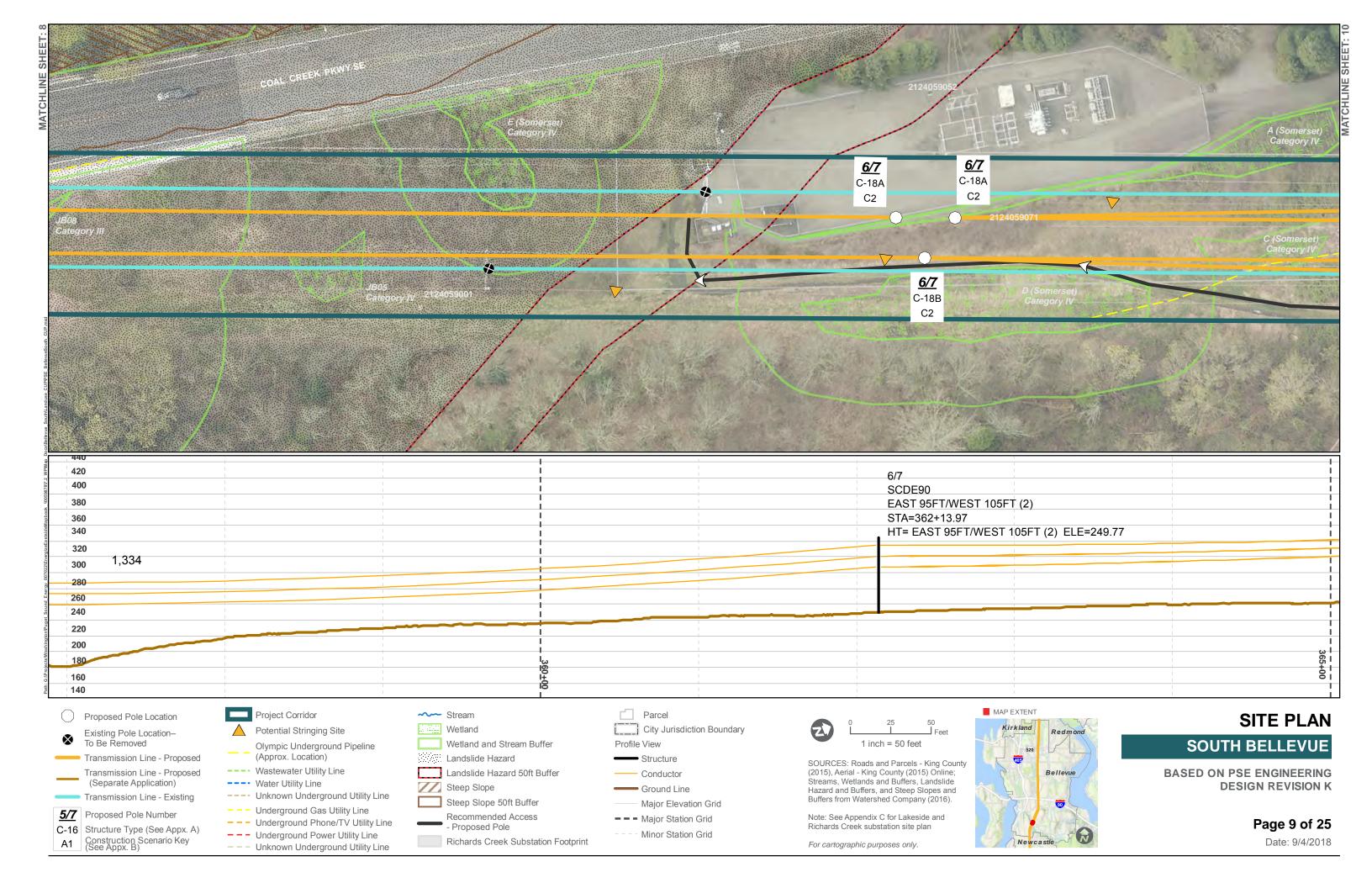


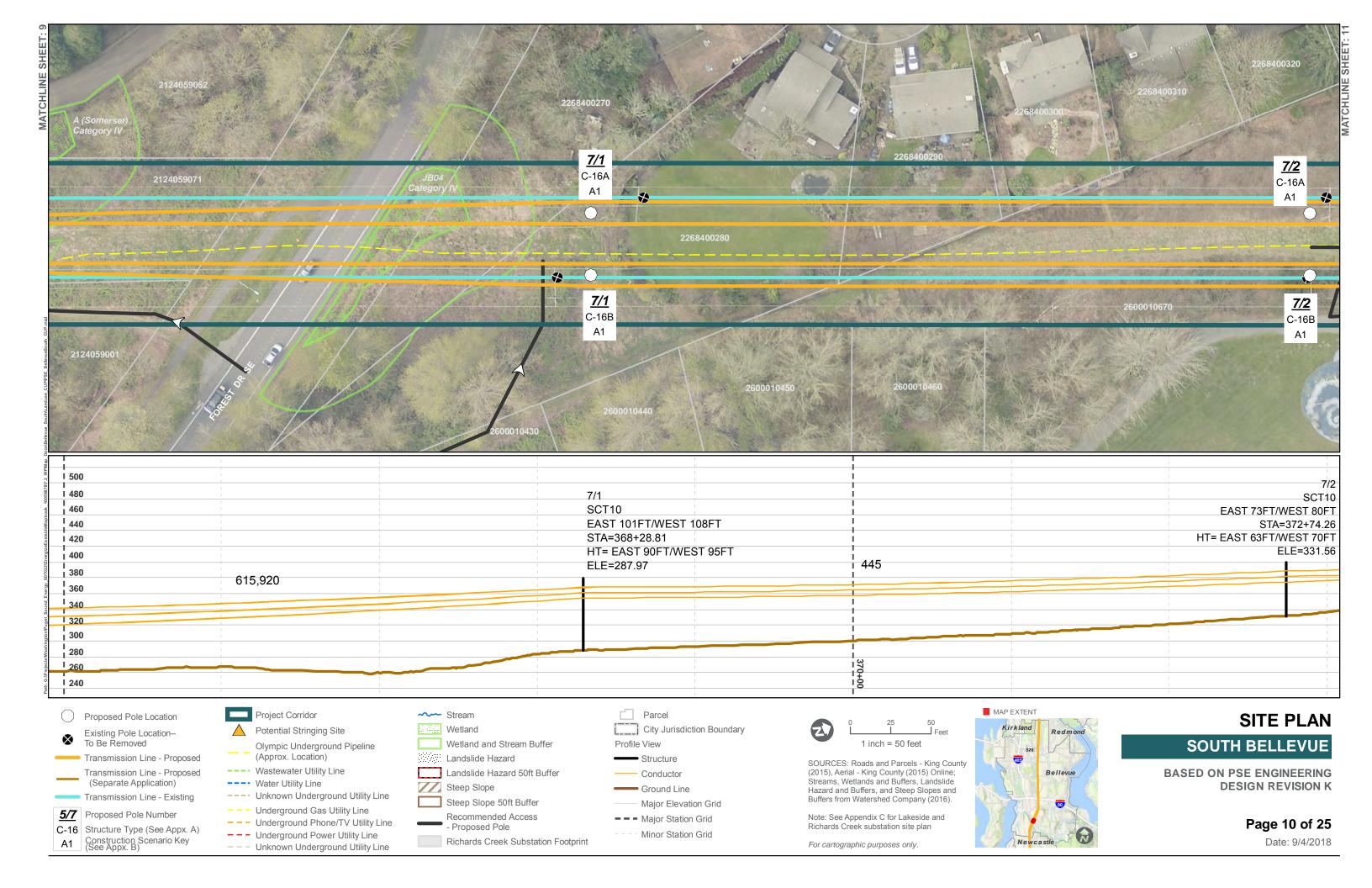


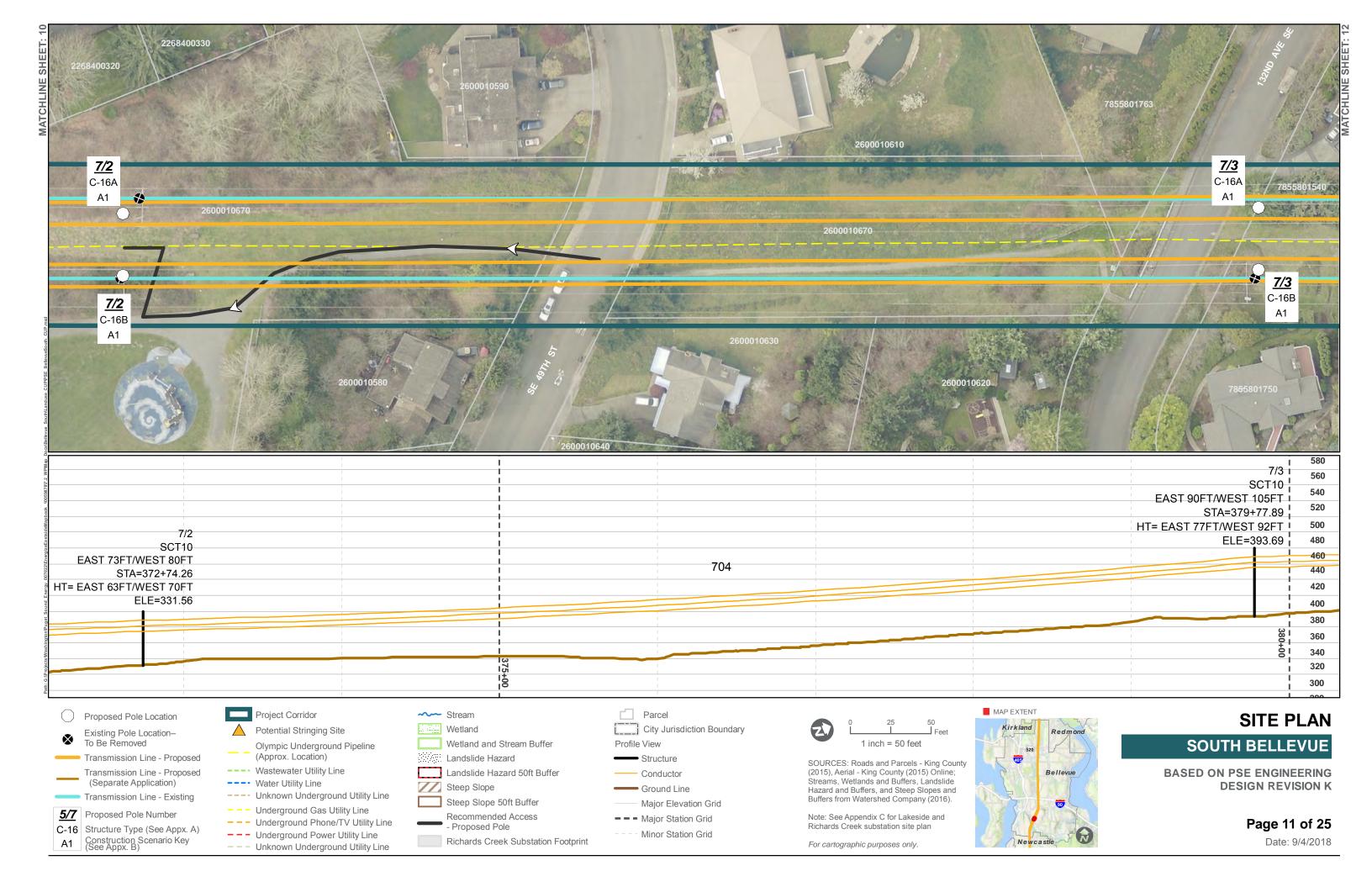


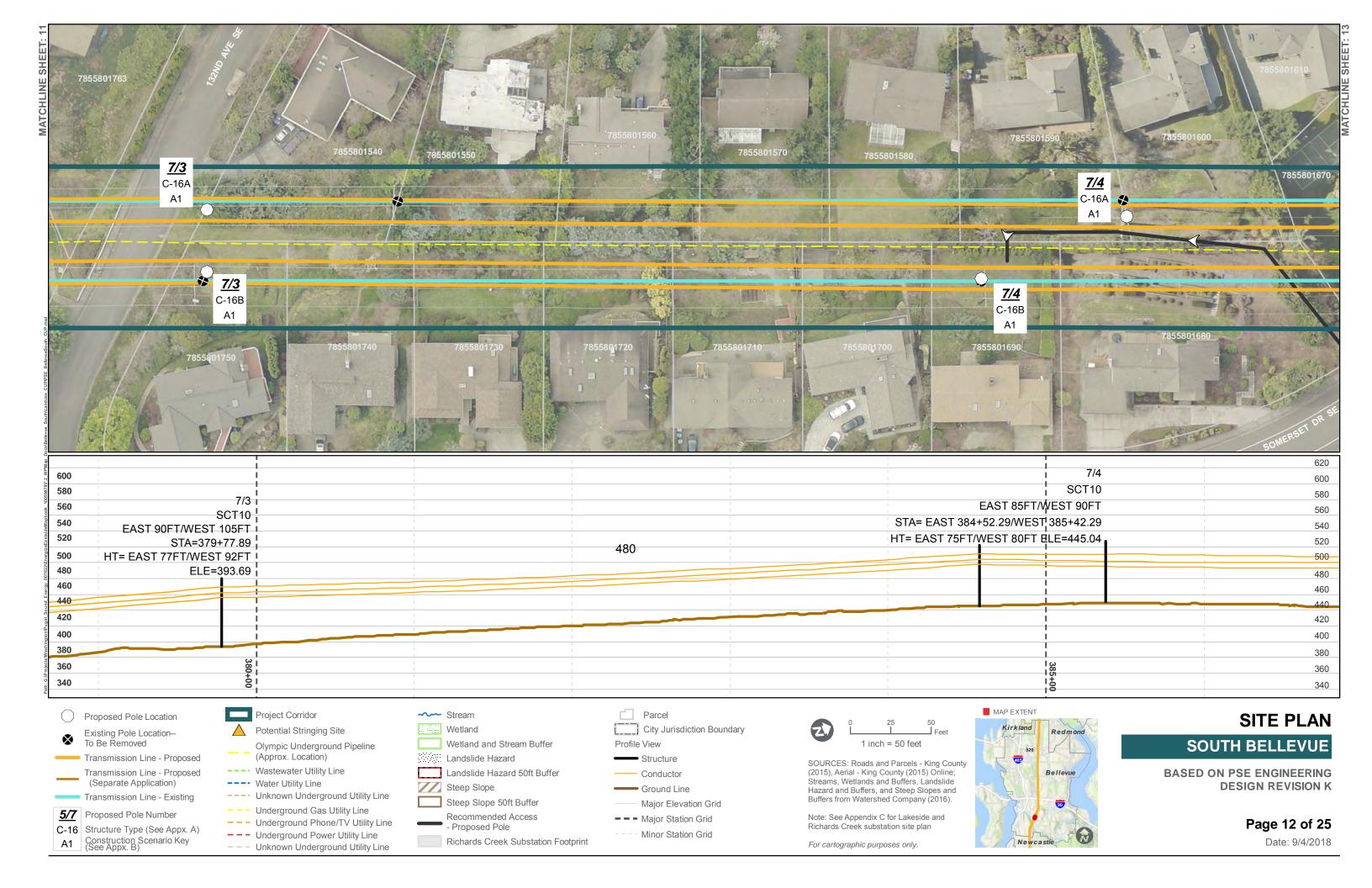


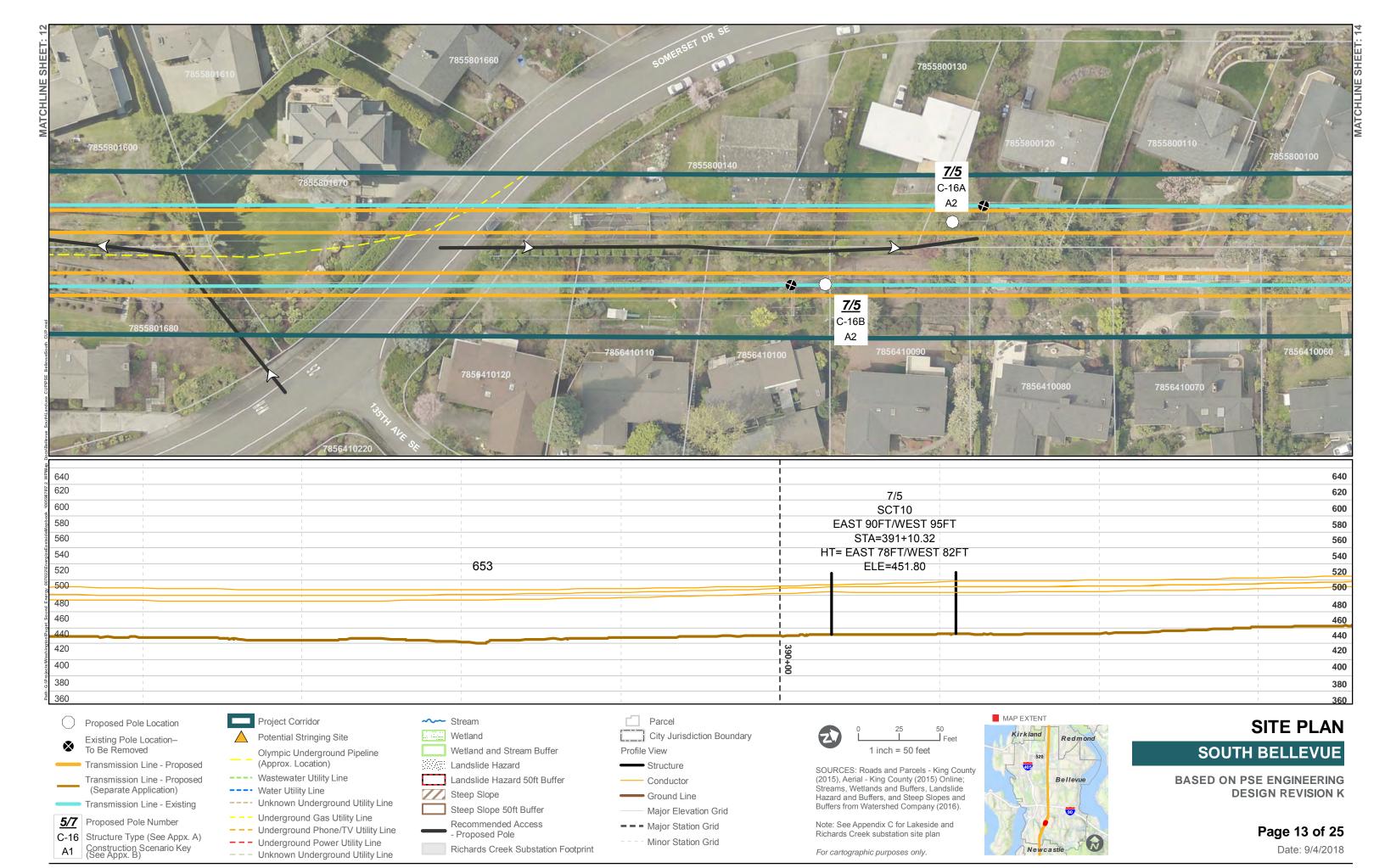


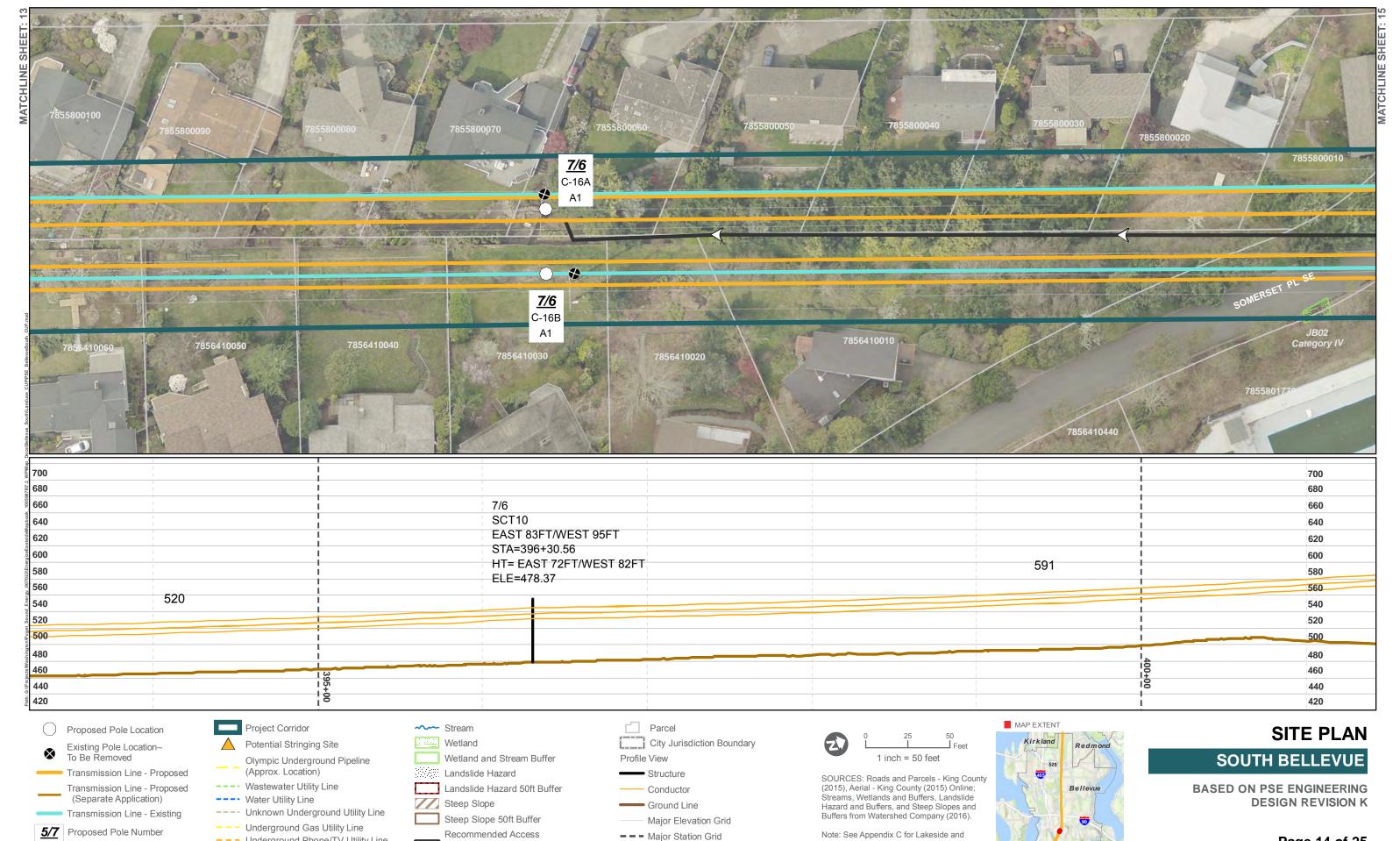












Minor Station Grid

Richards Creek substation site plan

For cartographic purposes only.

- - - Underground Phone/TV Utility Line

-- - Unknown Underground Utility Line

--- Underground Power Utility Line

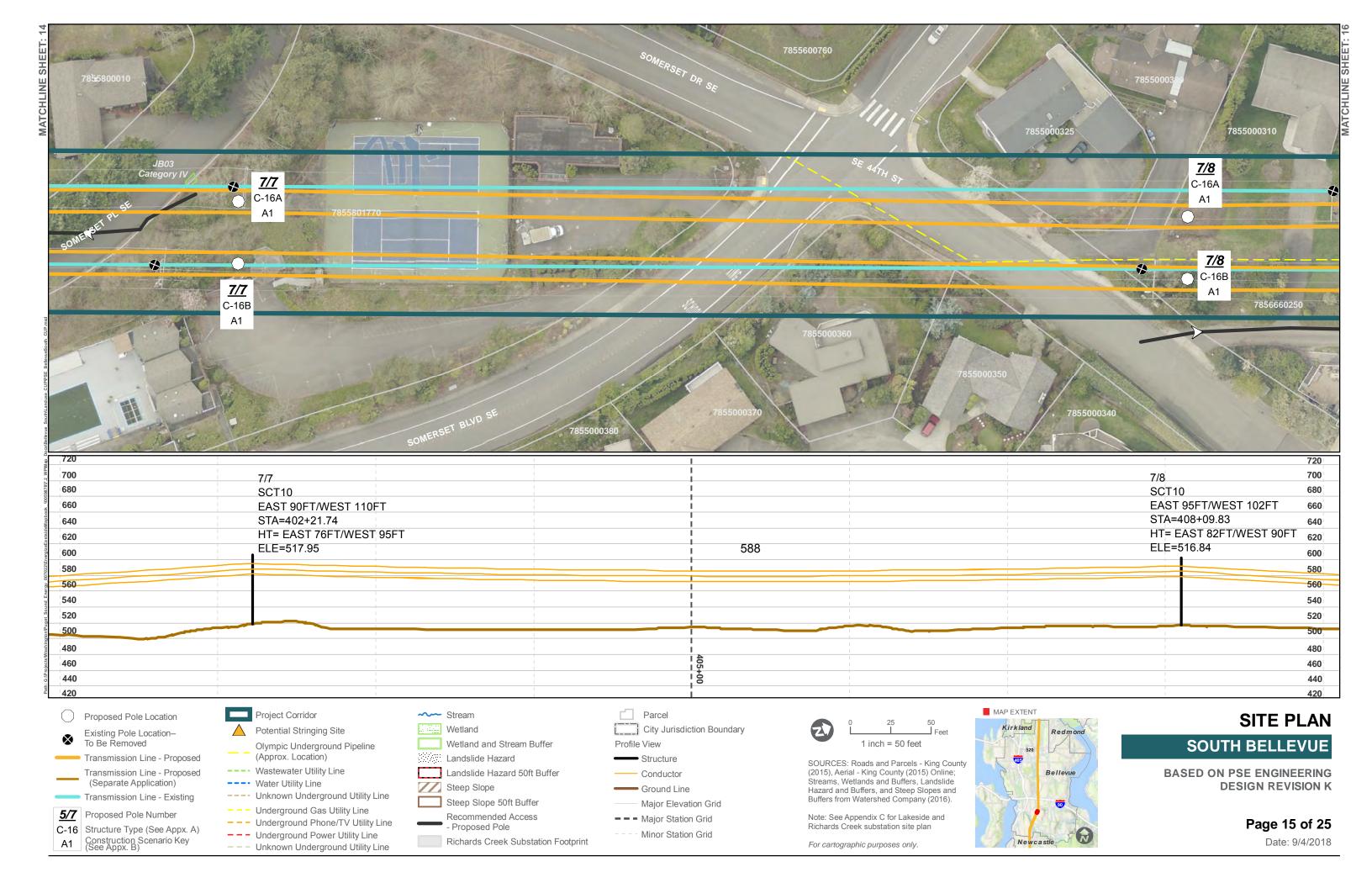
C-16 Structure Type (See Appx. A)

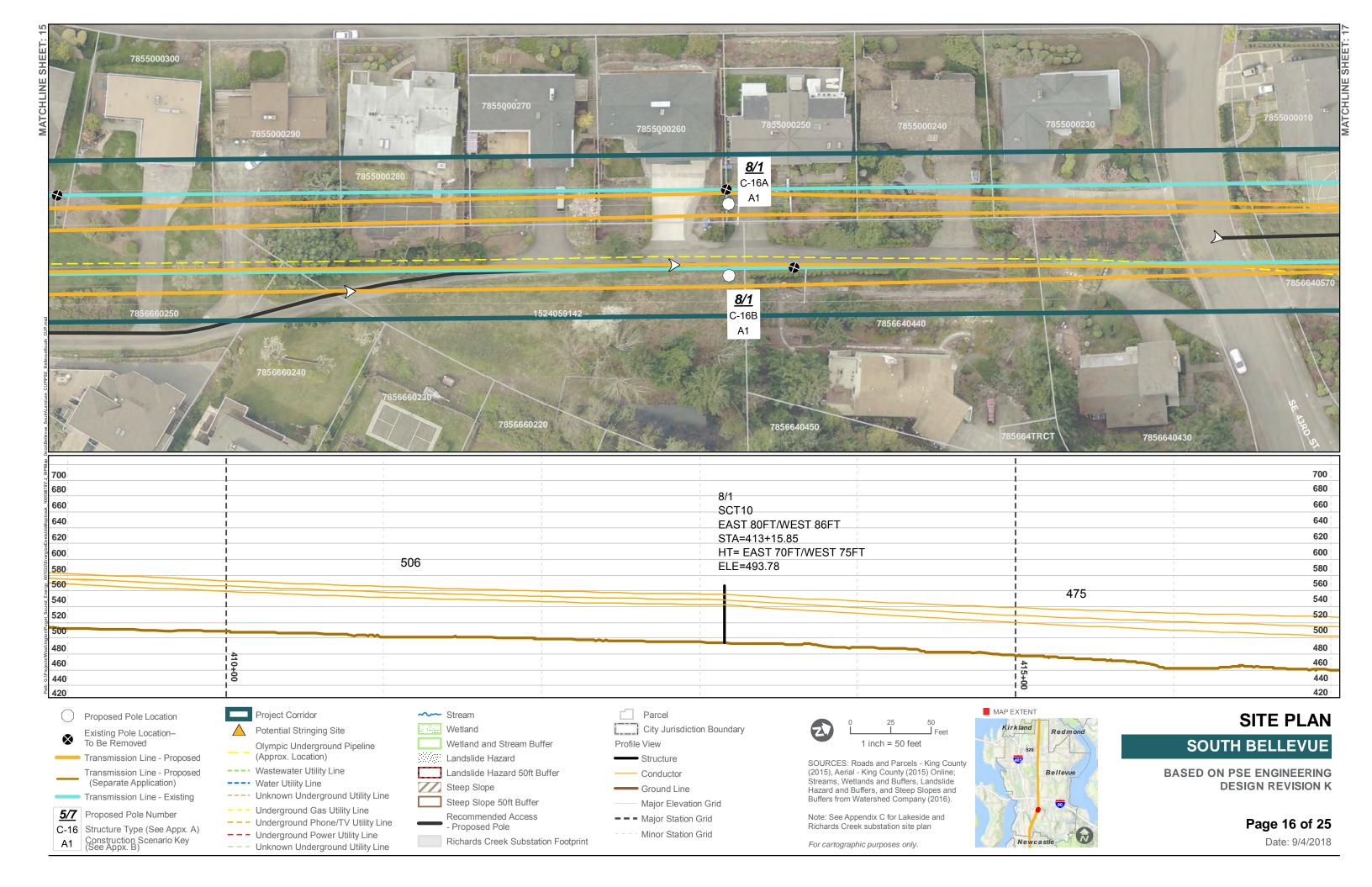
A1 Construction Scenario Key (See Appx. B)

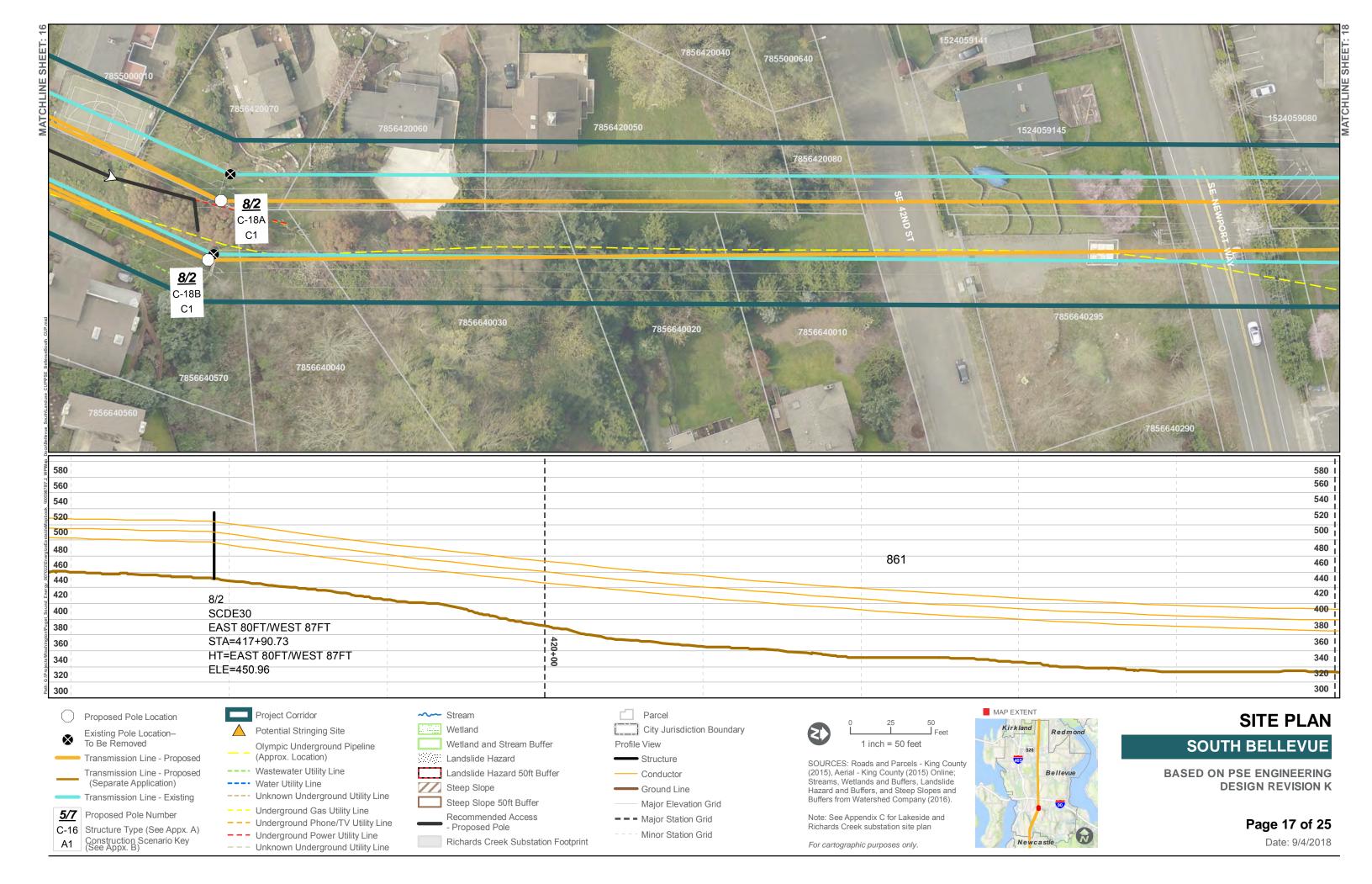
- Proposed Pole

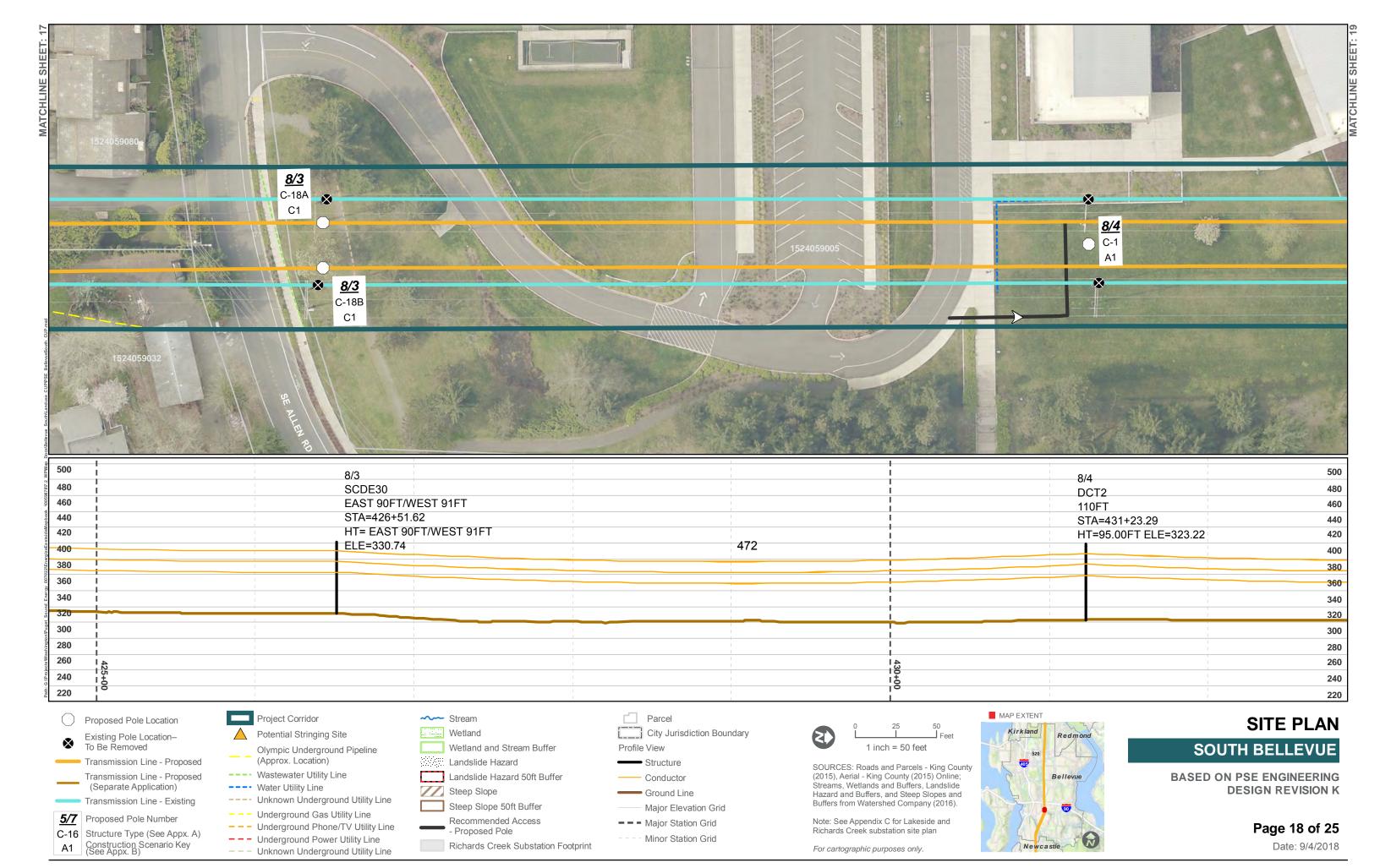
Richards Creek Substation Footprint

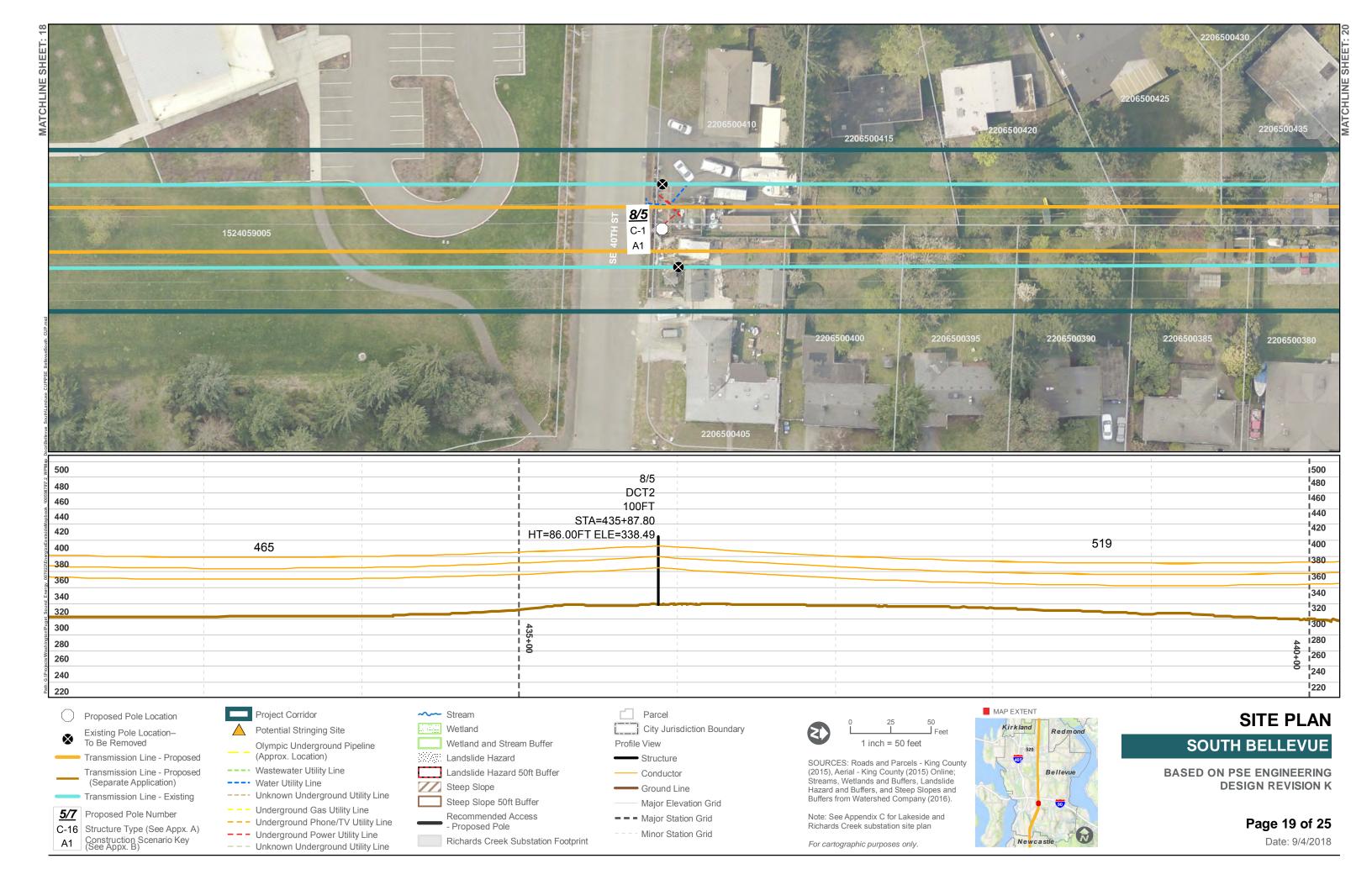
Page 14 of 25 Date: 9/4/2018

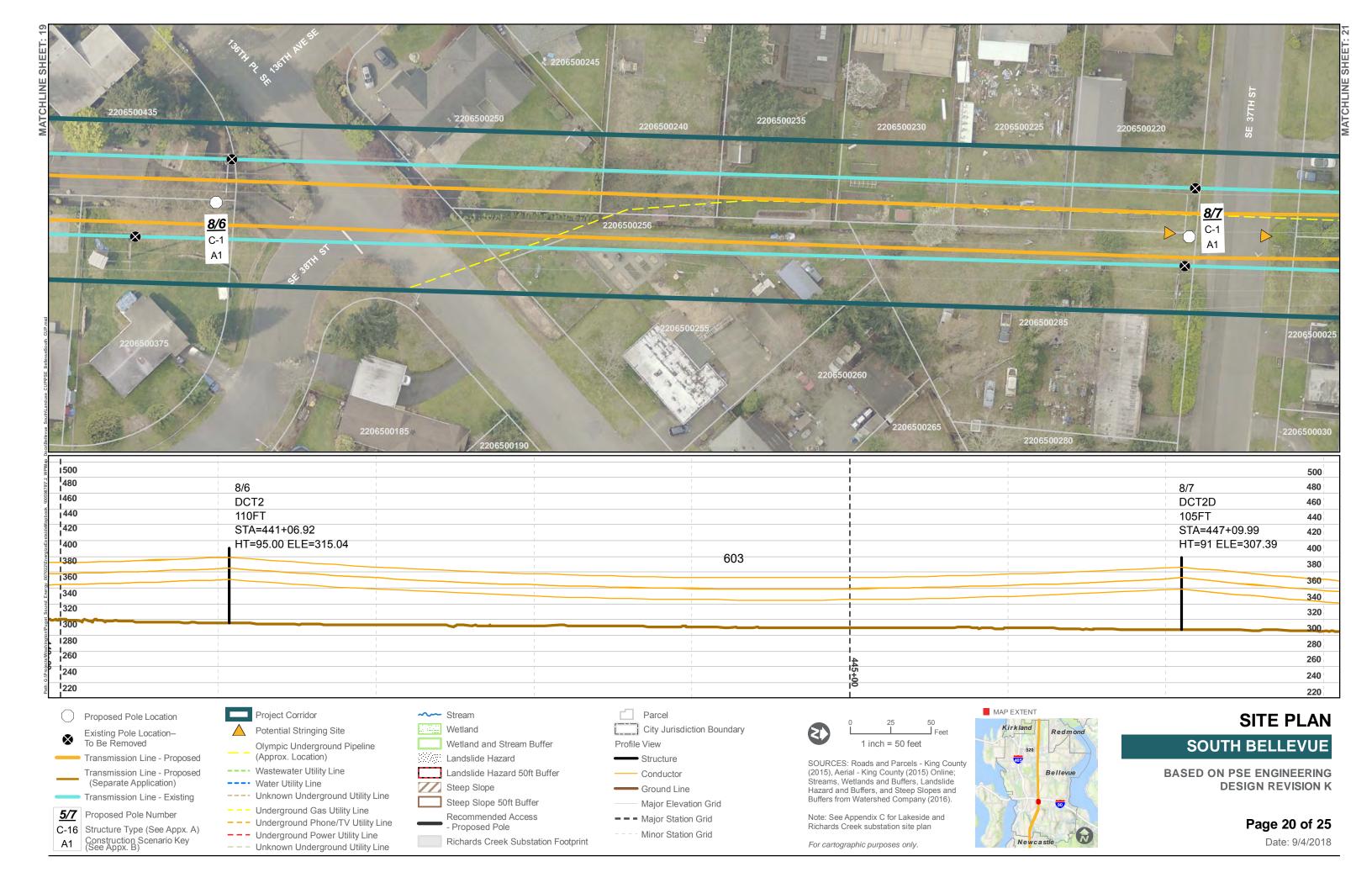


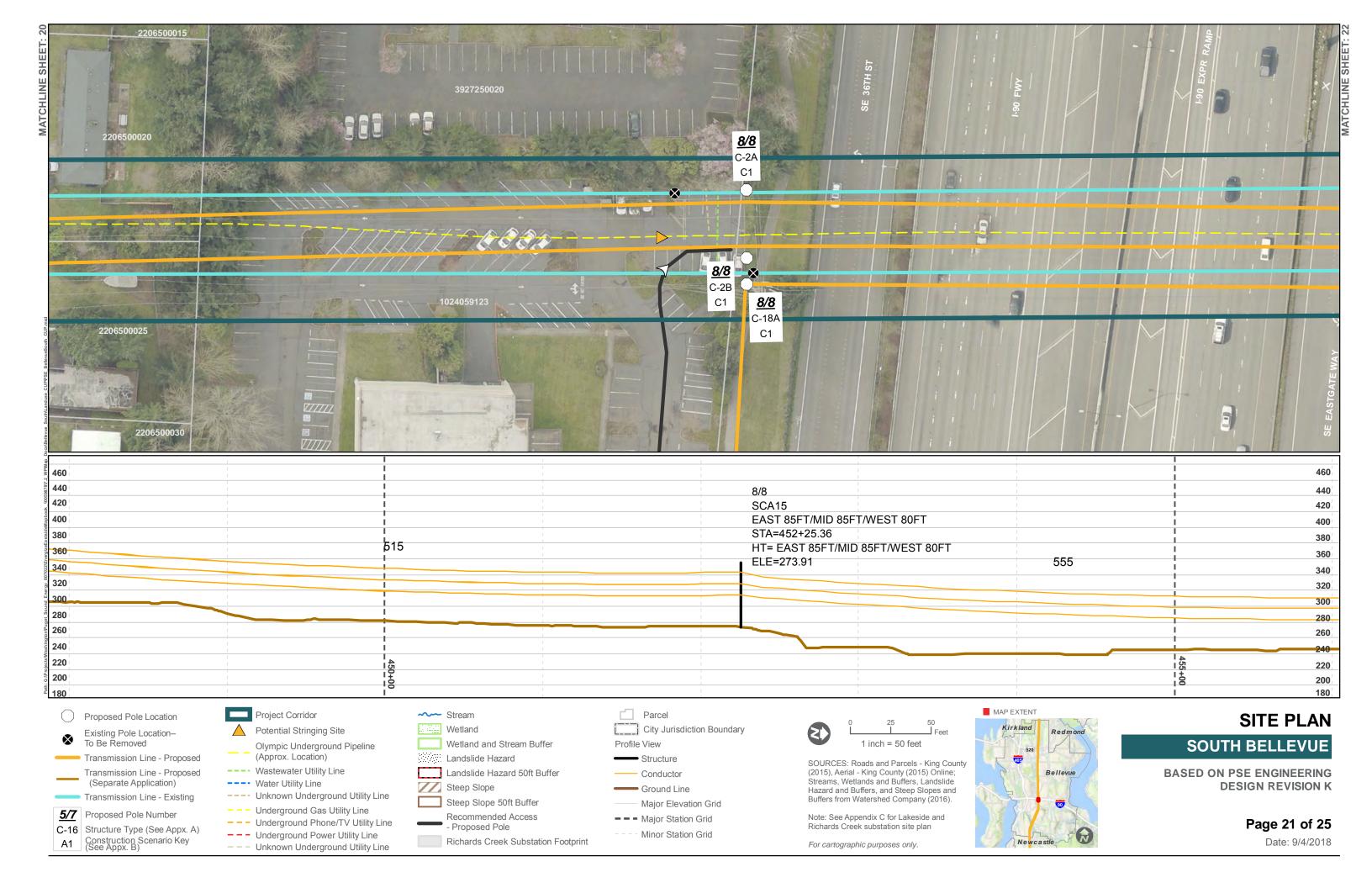


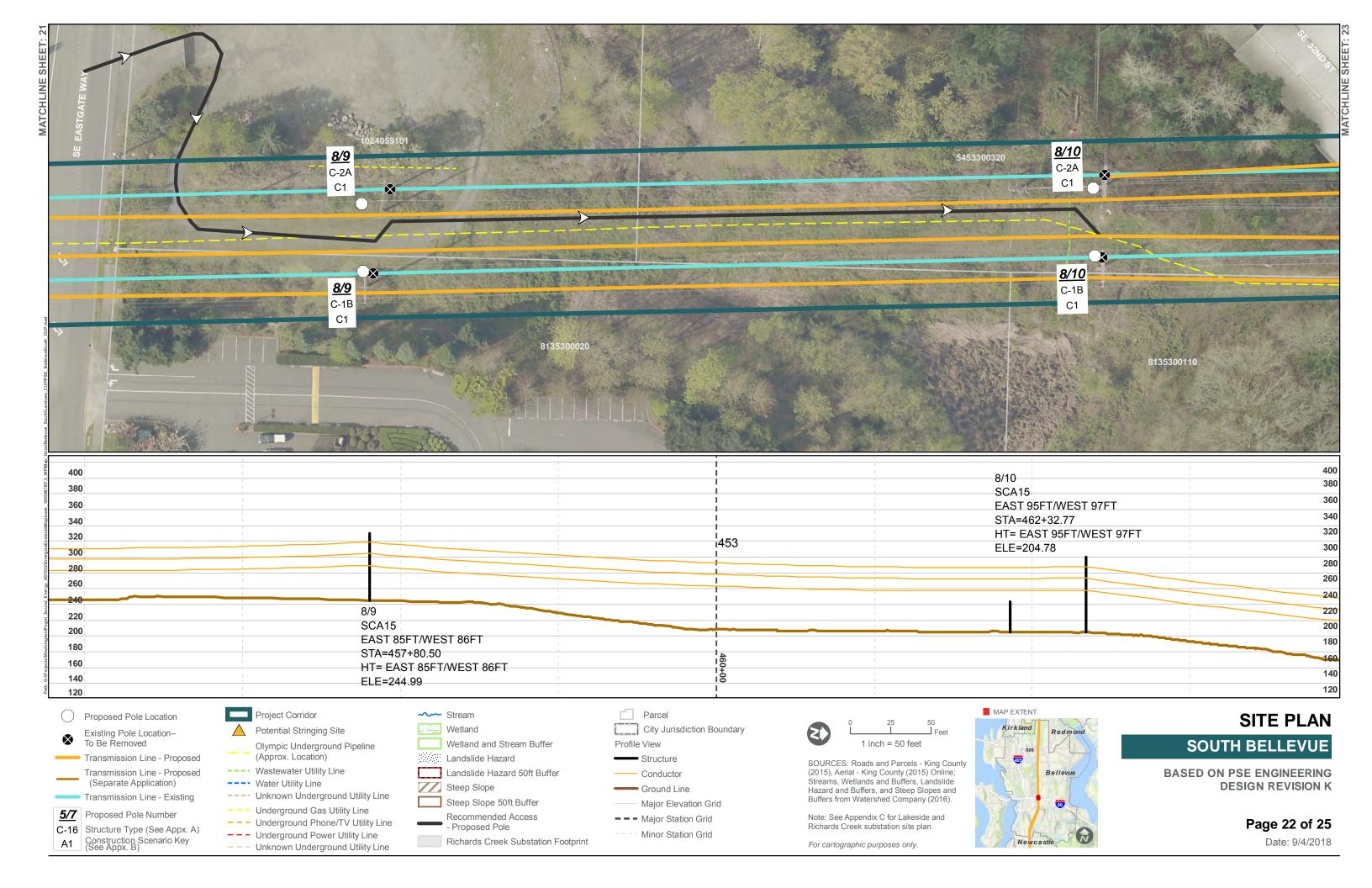


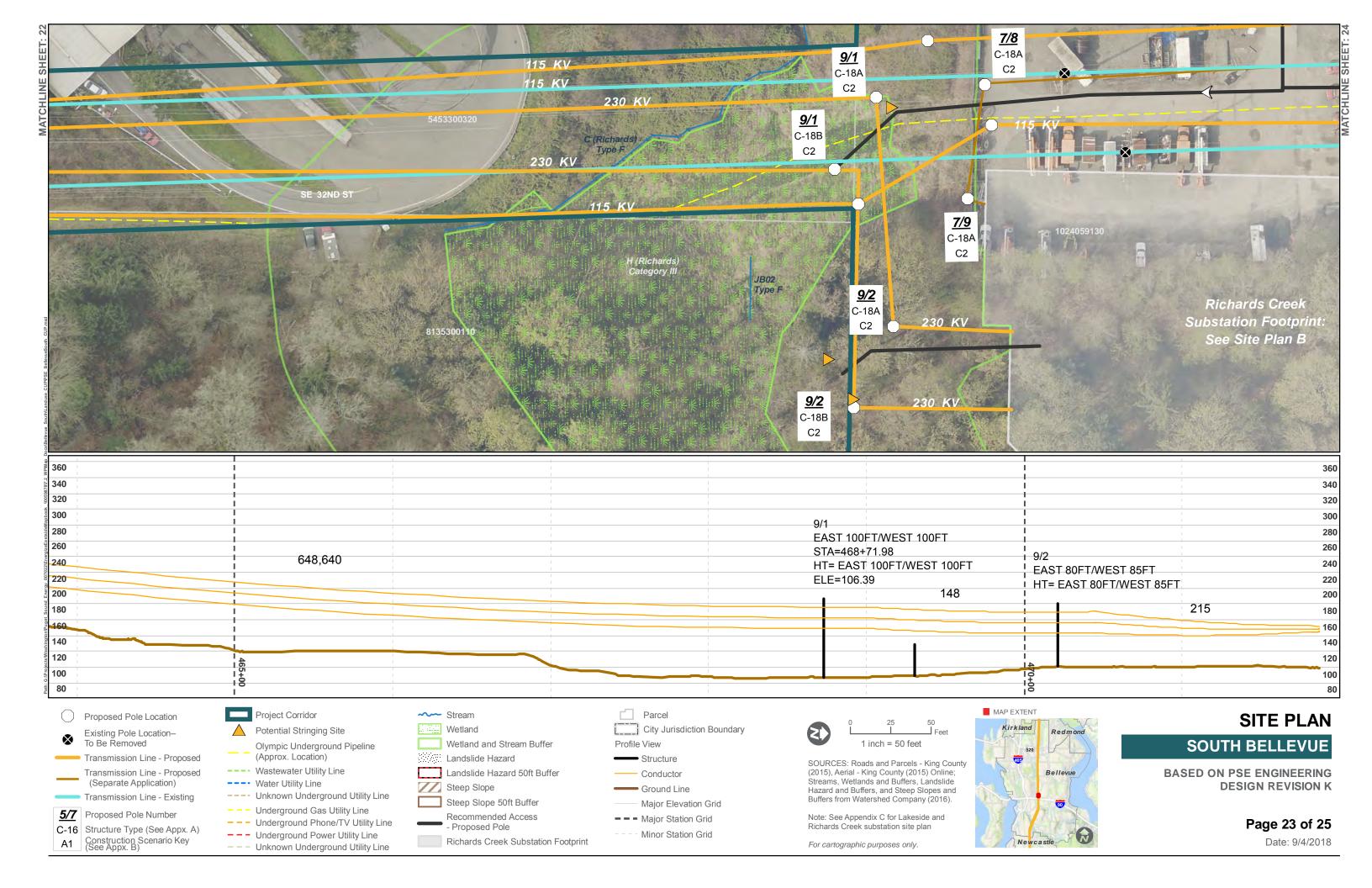


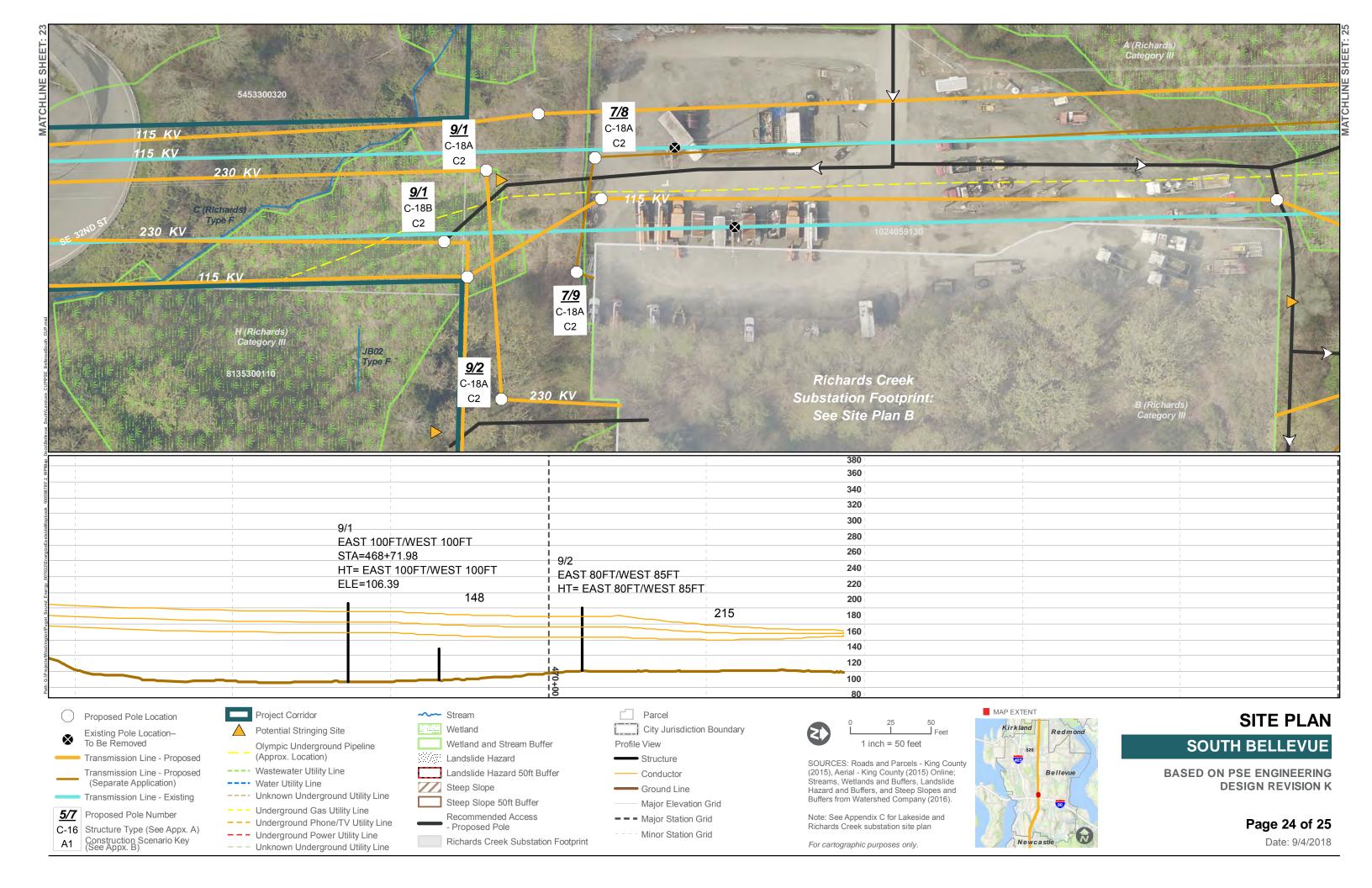


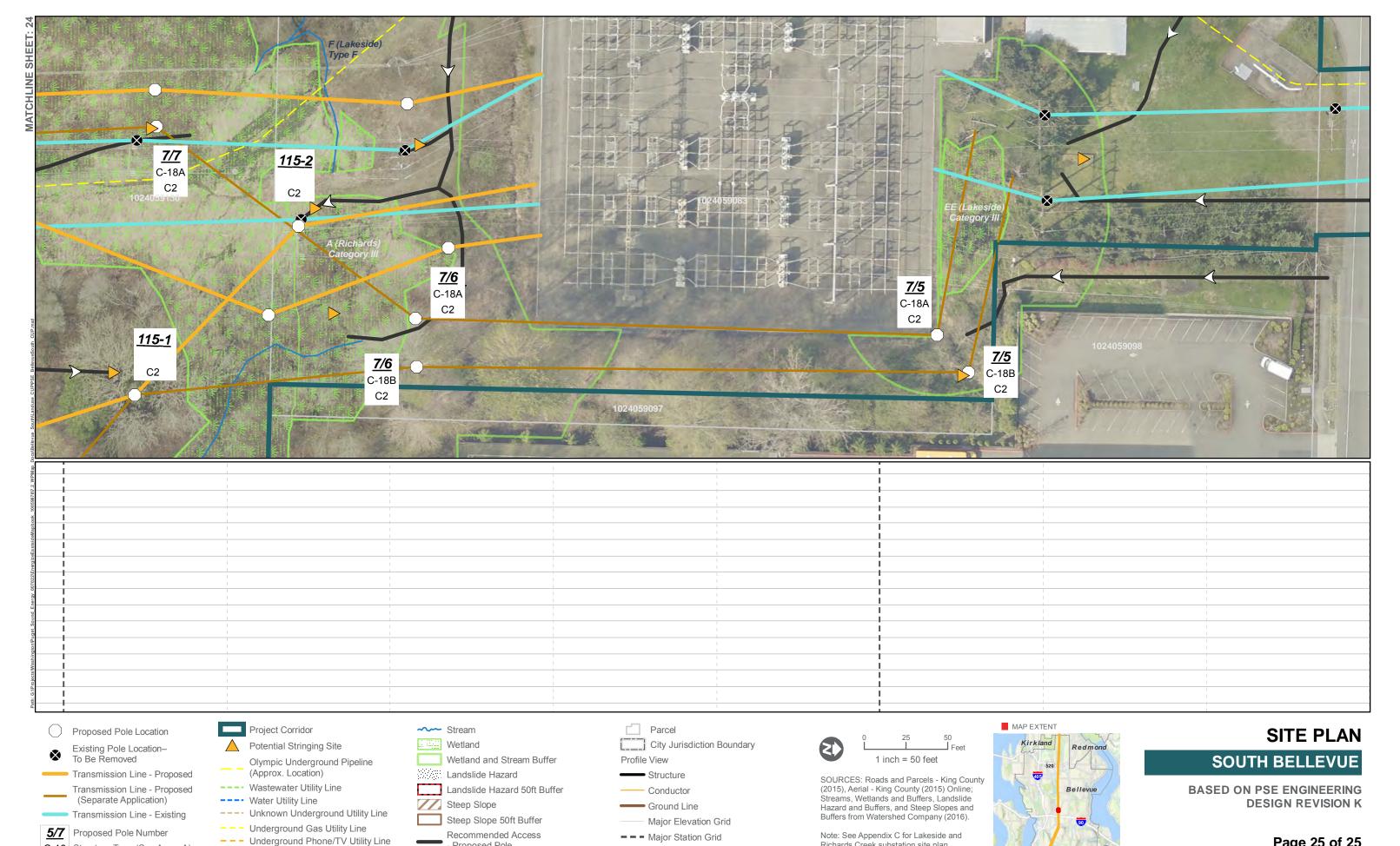












Minor Station Grid

Richards Creek substation site plan

For cartographic purposes only.

- Proposed Pole

Richards Creek Substation Footprint

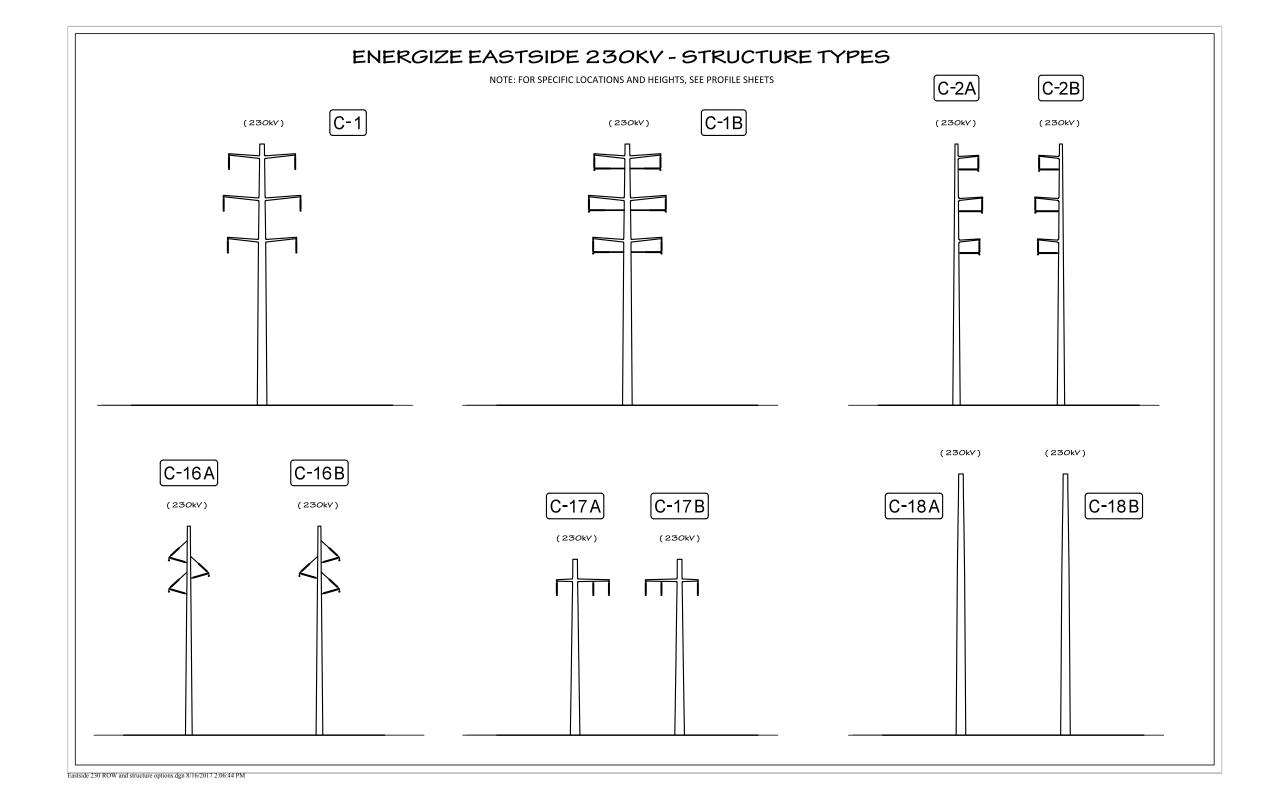
C-16 Structure Type (See Appx. A)

A1 Construction Scenario Key (See Appx. B)

--- Underground Power Utility Line

-- - Unknown Underground Utility Line

Page 25 of 25 Date: 9/4/2018



Structure Type	Naming Convention	Description
SCDE	C-18 A/B	Single circuit deadend
SCT	C-16 A/B	Single circuit tangent
DCT	C-1	Double circuit tangent (D denotes OHGW overhead groundwire)
DCA	C-1B	Double circuit angle - equiv to a C1 with a post brace to handle bigger angle
SCHDE	C-17 A/B	Single circuit horizontal deadend (only under SCL line)
SCA	C-2 A/B	Single circuit angle

\*number after type in table denotes angle

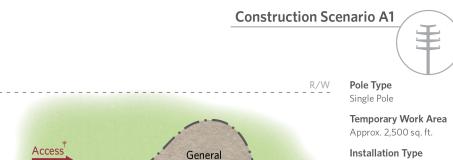
# **STRUCTURE TYPES**

# SOUTH BELLEVUE

BASED ON PSE ENGINEERING DESIGN REVISION K

Appendix A

Date: 8/20/2018



Work Area\*

Direct Embed

**Direct Embed** 

Access

Installation Type Direct Embed

R/W

**Additional Considerations** Place pole in hole and backfill annulus

> \* Terrain/topography dependent † See map sheets





**Temporary Work Area** Approx. 2,500 sq. ft.

Installation Type Direct Embed

**Additional Considerations** Place each pole in hole and backfill annulus

Terrain/topography dependent † See map sheets



.\_\_\_\_R/W





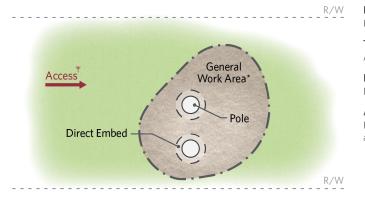
install pole

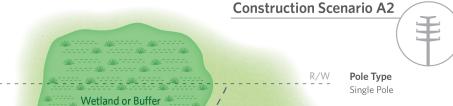
**Temporary Work Area** Approx. 5,000 sq. ft.

Installation Type Foundation

**Additional Considerations** Build foundation and

Terrain/topography dependent † See map sheets





General

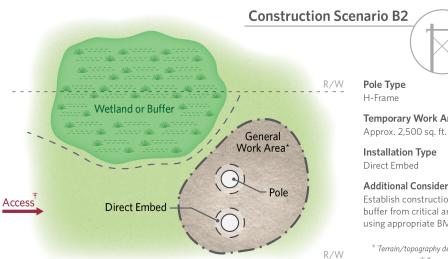
Work Area\*

**Temporary Work Area** Approx. 2,500 sq. ft.

Installation Type Direct Embed

**Additional Considerations** Establish construction buffer from critical area using appropriate BMPs

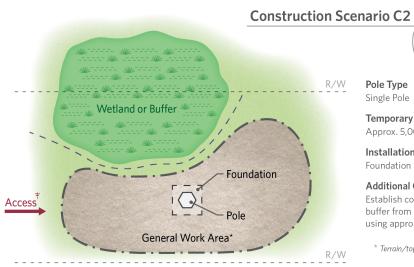
Terrain/topography dependent † See map sheets



**Temporary Work Area** 

**Additional Considerations** Establish construction buffer from critical area using appropriate BMPs

> Terrain/topography dependent † See map sheets



Pole Type

Single Pole Temporary Work Area Approx. 5,000 sq. ft.

Installation Type Foundation

**Additional Considerations** Establish construction buffer from critical area using appropriate BMPs

> Terrain/topography dependent † See map sheets

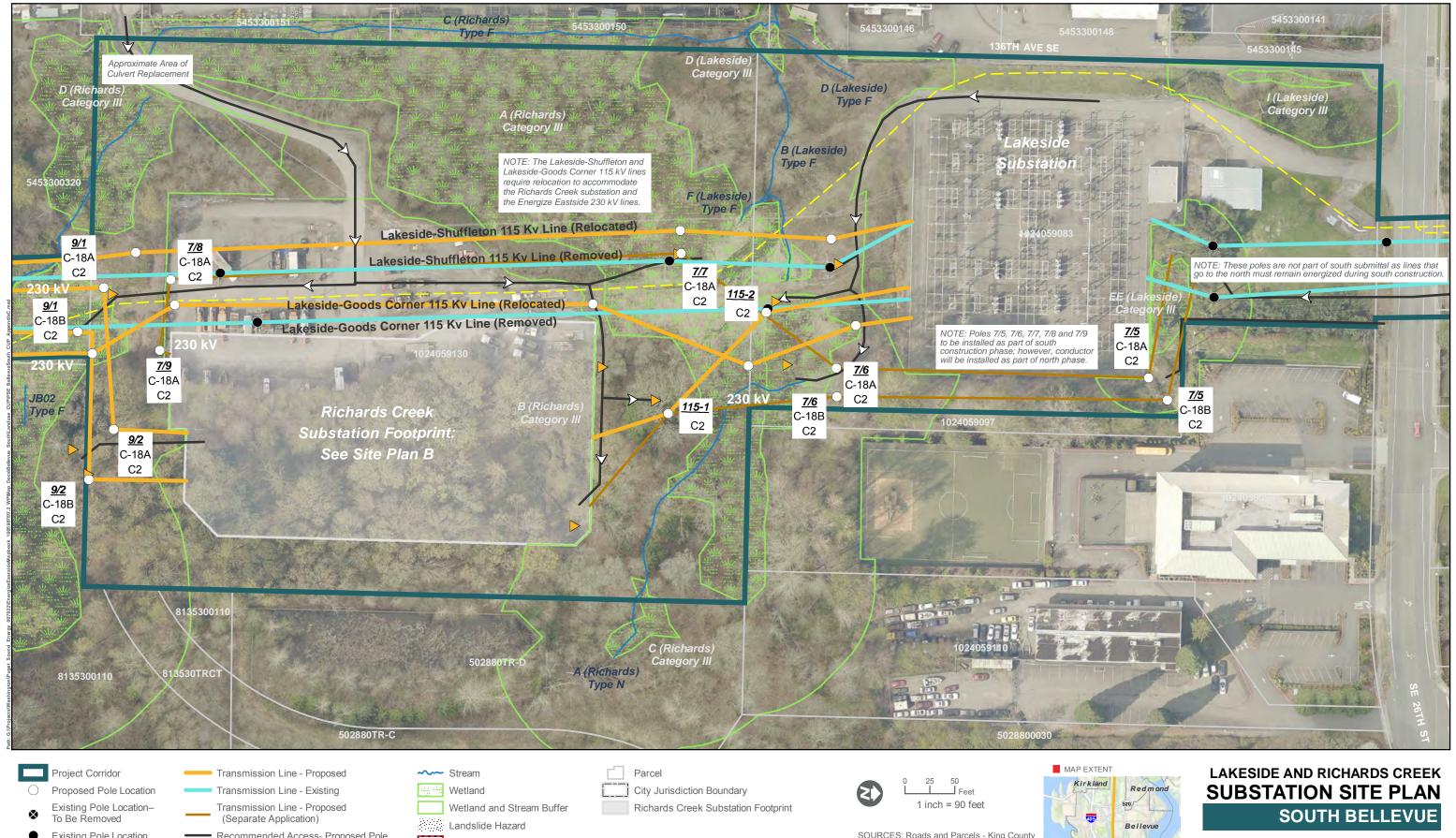
#### Typical Construction Typical Construction Scenario **Scenario Structure Type** (Not in critical area) (In a critical area) A1 A2 C-2 C1 C2 C-1B C2 C1 C-16 A1 A2 C-17 C2 C1 C-18 C1 C2

## **CONSTRUCTION SCENARIOS**

### **SOUTH BELLEVUE**

**BASED ON PSE ENGINEERING DESIGN REVISION K** 

> Appendix B Date: 8/20/2018





Landslide Hazard 50ft Buffer Steep Slope Steep Slope 50ft Buffer

SOURCES: Roads and Parcels - King County (2015), Aerial - King County (2015) Online; Streams, Wetlands and Buffers, Landslide Hazard and Buffers, and Steep Slopes and Buffers from Watershed Company (2016).

For cartographic purposes only.



**BASED ON PSE ENGINEERING DESIGN REVISION K** 

> Appendix C 3/20/2018