Development Services Department
Environmental Coordinator
450 110th Avenue NE
Bellevue, WA 98009-9012

DETERMINATION OF NON-SIGNIFICANCE

PROPOSAL NAME:	Eastrail to NE Spring Blvd Trail Link
LOCATION:	11608 NE 12th Street, Eastrail
FILE NUMBERS:	23-103211-LO
PROPONENT:	City of Bellevue Transportation Department (COBT)

DESCRIPTION OF PROPOSAL:

Construct a connector trail and an approximately 850-foot long, 14-foot-wide non-motorized-use trail between Eastrail and NE 12th Street/Spring Boulevard in the City of Bellevue. The project will impact wetland critical areas, buffers, and structure setbacks. Proposed mitigation is a combination of on-site wetland creation, buffer restoration, and buffer enhancement as well as purchase of bank credits from an approved wetland mitigation bank.

The Environmental Coordinator of the City of Bellevue has determined that this proposal does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(C). This decision was made after the Bellevue Environmental Coordinator reviewed the completed environmental checklist and information filed with the Land Use Division of the Development Services Department. This information is available to the public on request.

This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision.

DATE ISSUED: 9/12/2024

APPEAL DATE: 9/26/2024

A written appeal must be filed in the City Clerk's Office by 5 p.m. on the appeal date noted above.

This DNS may be withdrawn at any time if the proposal is modified so as to have significant adverse environmental impacts; if there is significant new information indicating a proposals probable significant adverse environmental impacts (unless a non-exempt license has been issued if the proposal is a private project) or if the DNS was procured by misrepresentation or lack of material disclosure.

Issued By: Reilly Pittman **for** **Date:** September 12, 2024
Reilly Pittman, Environmental Coordinator
Development Services Department

City of Bellevue
Development Services Department
Land Use Staff Report

Proposal Name:	Eastrail to NE Spring Blvd Trail Link
Proposal Address:	11608 NE 12th Street, Eastrail
Proposal Description:	Critical Areas Land Use Permit approval to construct a connector trail and an approximately 850-foot long, 14-foot-wide non-motorized-use trail between Eastrail and NE 12th Street/Spring Boulevard in the City of Bellevue. The project will impact wetland critical areas, buffers, and structure setbacks. Proposed mitigation is a combination of on-site wetland creation, buffer restoration, and buffer enhancement as well as purchase of bank credits from an approved wetland mitigation bank.
File Number:	23-103211-LO
Applicant:	City of Bellevue Transportation Department (COBT)
Decisions Included	Critical Areas Land Use Permit (Process II. 20.30P)
Planner:	Drew Folsom, Land Use Planner
State Environmental Policy Act Threshold Determination:	**Determination of Non-Significance** Reilly Pittman Reilly Pittman, Environmental Coordinator Development Services Department
Director's Decision:	**Approval with Conditions** Rebecca Horner, Development Services Director Development Services Department By: Reilly Pittman For Antoinette Pratt, Land Use Director

Application Date:	February 17, 2023
Notice of Application Date:	April 13, 2023
Decision Publication Date:	September 12, 2024
Project Appeal Deadline:	September 26, 2024

For information on how to appeal a proposal, visit Development Services Center at City Hall or call (425) 452-6800. Appeal of the decision and SEPA determination must be received in the City's Clerk's Office by 5 PM on the date noted for appeal of the decision.

CONTENTS

Attachments/File Documents Referenced

1. Project Plans – Enclosed
2. Critical Areas Report, Wetland Study, Wetland Typing, – In File
3. Geotech Report – In File
4. Project forms, SEPA checklist – In File

I. Proposal Description

The proposal will develop a 14-foot-wide pedestrian and bicycle trail connection between Eastrail trail and NE 12th Street/Spring Boulevard. The connection will provide consist of an elevated 14-foot wide trail supported by associated retaining walls. The trail connection is approximately 850 feet long and will be constructed to accommodate non-motorized use only. The trail connection will be compliant with the American Disability Act (ADA). The Eastrail corridor is a 42-mile rail corridor that stretches from Renton to Snohomish, passing through Renton, Bellevue, Kirkland, Woodinville, Redmond, and portions of unincorporated King and Snohomish counties. Originally, the rail line was known as the Lake Washington Belt Line and supported development along the eastern shore of Lake Washington.

The trail will permanently impact 226 square feet of Category III wetland, and 12,294 square feet of wetland buffers. During construction, there will be temporary impacts to 316 square feet of wetland and 10,906 square feet of wetland buffer. 55 deciduous trees will be removed. Construction of new public transportation and trail infrastructure is an allowed activity per LUC 20.25H.055.C.2. A Critical Areas Report (CAR) has been included in the proposal to address wetland and wetland buffer impacts and proposed enhancement and mitigation. See Figure 1 and 2 for the project location and site plan below.

Figure 1-General Location

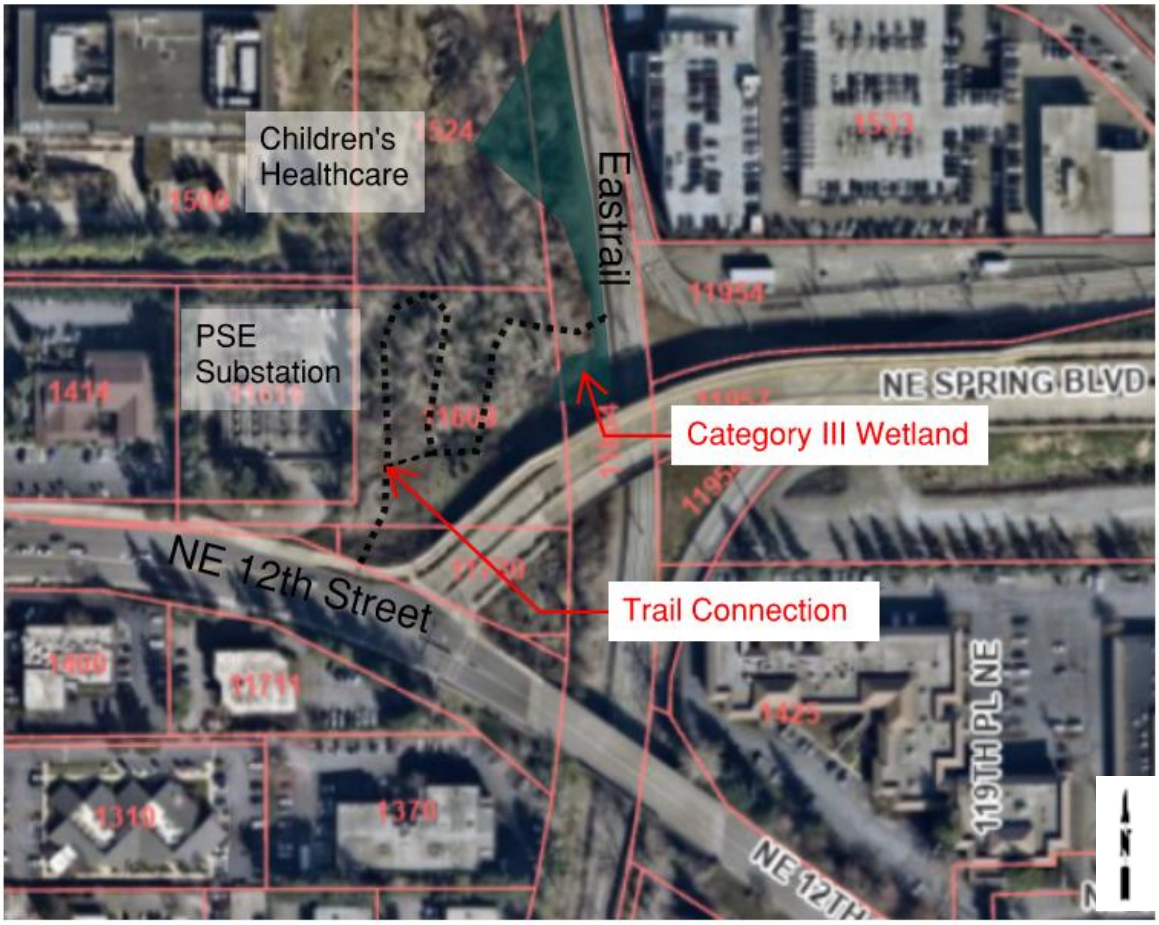
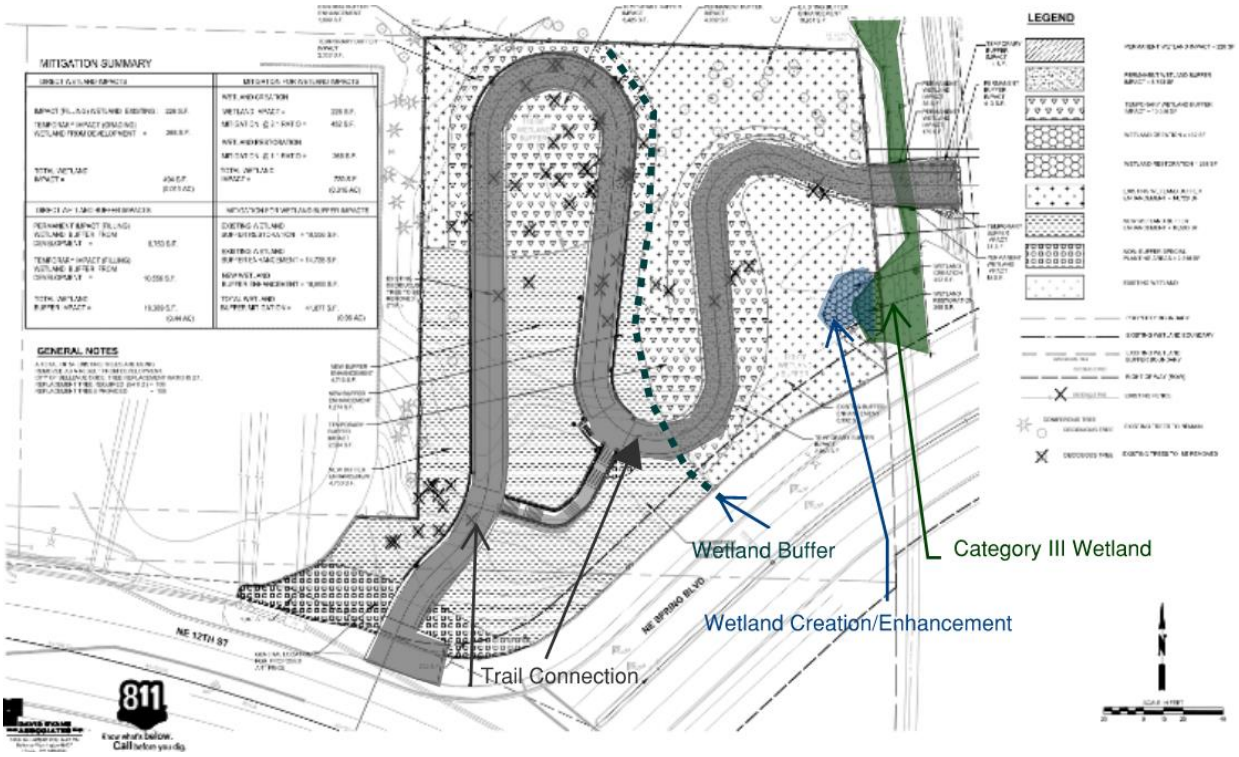


Figure 2- Site Plan



II. Site Description, Zoning, Land Use, and Critical Areas

A. Site Description

The project will provide a non-motorized connection from NE 12th Street/Spring Boulevard to the Eastrail corridor. The project is located on a vacant parcel located at 11608 NE 12th Street and the Eastrail and at the intersection of NE 12th Street and NE Spring Boulevard. The area generally slopes to the northeast, with the majority of the area being forested, while the southern portion of the property is newly planted native vegetation as a result of the previous construction of Spring Boulevard. The East Rail Trail corridor (owned by Sound Transit) borders the property to the east, NE Spring Boulevard. and NE 12th Street borders the property to the south, a PSE electrical substation to the west, and forested land to the north. The property slopes down approximately 40 feet from the surface of NE 12th Street to the East Rail Trail. The trail location will impact a Category III wetland and associated buffer. The wetland is isolated and provides minimal habitat due to the high level of historic and existing disturbances in the immediate vicinity. The properties adjacent to the project area are medical, commercial, and residentially zoned. A mixture of existing commercial, transportation, and utility uses border the project. See Figure 1 in Section I for project location.

B. Zoning

The properties in the vicinity are zoned:

- MI, Medical Institutional
- BR-MO, Bel-Red Medical Office
- BR-OR-2, Bel-Red Office/Residential Node 2

C. Land Use Context

The properties in the vicinity have a variety of commercial, transportation, and utilities Land Use Designations. The project is located in an area heavily impacted by regional and local utilities and transportation facilities.

D. Critical Areas On-Site and Regulations

i. Wetlands

Wetlands include the vegetated edges of ponds and areas commonly called swamps, marshes, and bogs. Frequently, their water is only visible in the spring. Wetlands are classified into four categories, based on a combination of habitat, water quality, and flood-flow-reduction functions.

Wetlands provide rearing and foraging habitats for fish and wildlife and food chain support for downstream waters. Wetlands provide natural water quality improvement; flood-flow reduction and storage; shoreline erosion protection; and opportunities for passive recreation. Many urban wetlands are heavily disturbed, but still provide valuable water quality treatment and flood-flow reduction.

III. Consistency with Land Use Code Requirements:

A. Zoning District Dimensional Requirements:

The zoning dimensional requirements are generally met by the proposal, but conformance will be verified during permit review.

B. Critical Areas Requirements LUC 20.25H:

The City of Bellevue Land Use Code Critical Areas Overlay District (LUC 20.25H) establishes performance standards and procedures that apply to development on any site which contains in whole or in part any portion designated as critical area, critical area buffer, or structure setback from a critical area or buffer. The proposed improvements are allowed uses in critical areas, buffers, and setbacks, provided certain requirements are met. The project is subject to the performance standards found in LUC 20.25H.055.C below.

i. Consistency With LUC 20.25H.055.C.2.a

New or expanded facilities and systems are allowed within the critical area or critical area buffer only where no technically feasible alternative with less impact on the critical area or critical area buffer exists. A determination of technically feasible alternatives will consider:

1. The location of existing infrastructure;

The proposal will provide a non-motorized connection between NE 12th Street and the Eastrail Corridor by constructing an elevated ramp. The location is constrained

by the size of the Eastrail easement and existing development. The location is within the narrowest area possible and there are no feasible alternative locations or configurations within the Eastrail corridor or adjoining properties that would have less impact to critical areas or buffers.

2. **The function or objective of the proposed new or expanded facility or system;**
   The purpose of the proposed trail connection is to provide a safe non-motorized, multi-use connection between NE 12th Street and the Eastrail. The connection will provide a safe link between the Eastrail and existing and proposed pedestrian and bicycle facilities serving local and regional users.

3. **Demonstration that no alternative location or configuration outside of the critical area or critical area buffer achieves the stated function or objective, including construction of new or expanded facilities or systems outside of the critical area;**
   The location is constrained by the size of the easement and proximity to the existing development. The proposed alignment stays outside of wetland boundaries to the greatest extent feasible. A bridge design was explored to avoid wetland impacts however, it was determined that a bridge was not feasible because the wetland was too close to the Eastrail Trail to provide sufficient ground clearance and still maintain ADA requirements. Wetland impacts are being minimized by crossing at the narrowest point of the wetland. Wetland buffer impacts are further minimized through the use of an extensive retaining wall on the north side of the walkway and locating the trail to minimize the removal of large trees. A culvert will be placed where the trail crosses the wetland to maintain the hydrological connection to the north and south. With this alignment and design, critical area impacts are limited and there are no feasible alternative locations or configurations within the Eastrail that would have less impact to critical areas or buffers.

4. **Whether the cost of avoiding disturbance is substantially disproportionate as compared to the environmental impact of proposed disturbance; and**
   The environmental impacts of the proposal have been avoided and mitigated to the greatest extent feasible. The feasible location is constrained by existing development and the wetlands. Complete avoidance of disturbance within the critical areas and buffers would require rerouting the trail outside of the existing railroad grade and trail envelope. Avoidance of wetland impacts would require a much longer ramp routed through private property in addition to permanent at-grade impacts. This avoidance would entail substantial additional costs and impacts that are disproportionate to the proposed disturbance, including additional property acquisitions and/or easements and associated fill, excavation, and grading.

5. **The ability of both permanent and temporary disturbance to be mitigated.** As identified in the CAR, a total of 226 square feet of permanent and 316 square feet of temporary wetland impacts, and 23,200 square feet of temporary and permanent wetland buffer impacts. Land Use Code 20.25H.105 requires 2-to-1 replacement ratios for permanent category III wetland impacts and 1-to-1 replacement ratios for permanent wetland buffer impacts, and restoration of temporary impacts. The applicant submitted a CAR demonstrating that the proposal will create 452 square feet of wetland and restore 316 of temporary impacted wetlands meeting the wetland mitigation ratios. The report demonstrated that 5,920 square feet of wetland buffer impacts cannot be restored per the mitigation sequencing of LUC 20.25.105.C. The applicant submitted a CAR demonstrating that the purchase of 6,000 square feet of wetland mitigation bank credits from Keller Farms, combined with on-site mitigation will provide a net gain to environmental functions.

   The proposed mitigation will consist of 452 square feet of wetland creation, 316 square feet of wetland restoration, 10,069 square feet of buffer enhancement, 10,906 square feet of buffer restoration, and the equivalent of 6,000 square feet of wetland mitigation bank credits. A mitigation planting plan has been submitted. The project will include the planting of 165 native trees. See Figures 4a and 4b below for wetland impacts and mitigation, and Attachment 3 for wetland typing. This plan also includes restoration plans for the restoration of temporary disturbance.

Figure 4a Summary of Wetland Impacts

Table 1. Project Impacts

TYPE OF IMPACT	SIZE (SQ. FT.)
Permanent Wetland Impact	226
Temporary Wetland Impact	316
Permanent Wetland Buffer Impact	12,294
Temporary Wetland Buffer Impact	10,906
Total	**23,742**

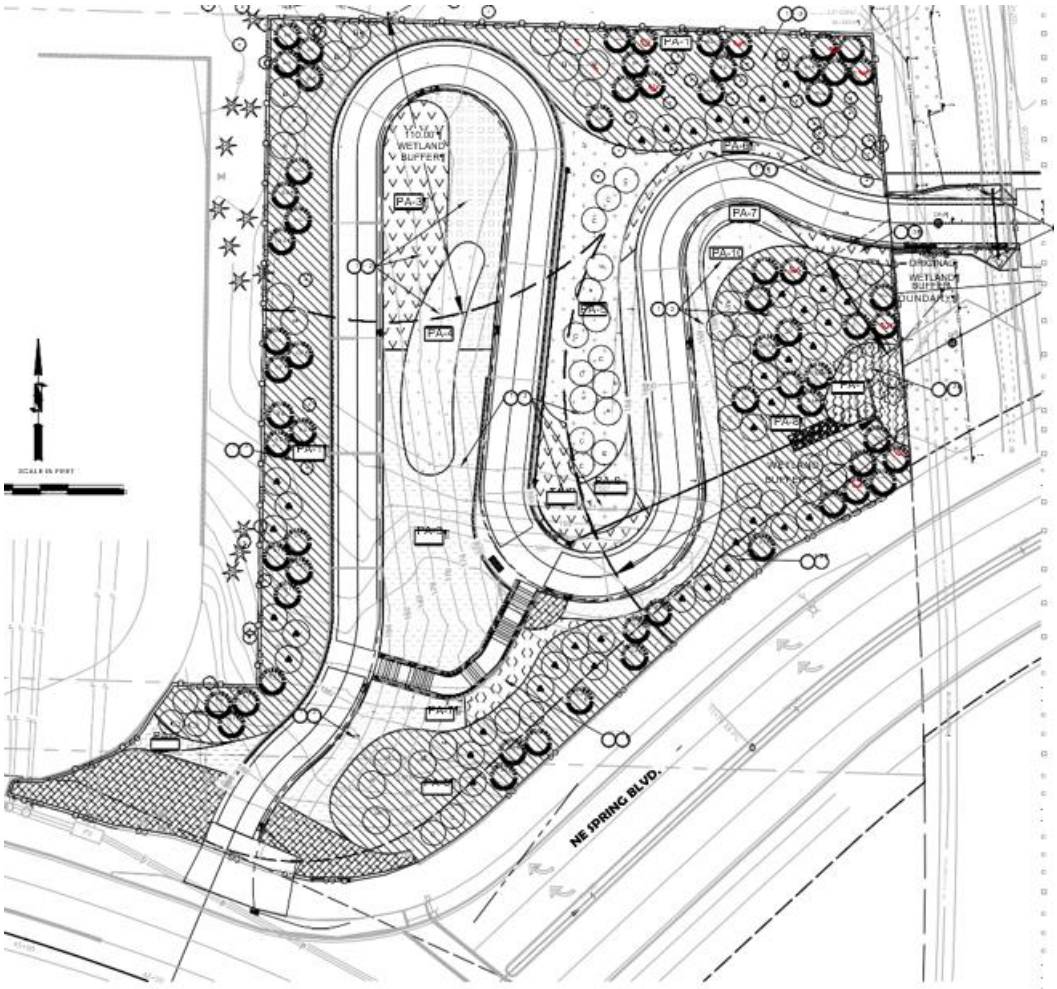
Table 2. Summary of Trees to be Removed

TYPE OF TREES	NO. OF TREES REMOVED
Conifer	0
Deciduous	55

Figure 4b Summary of Compensatory Mitigation

PROPOSED MITIGATION	AREA (sq. ft.)
Wetland Creation	452
Wetland Restoration	316
Wetland Buffer Enhancement	10,069
Wetland Buffer Restoration (full)	7,212
Wetland Buffer Restoration (partial)	3,694
Wetland Mitigation Bank Credits	6,000
Total	**27,743**

Figure 4c Wetland and Wetland Buffer Enhancement



The future permits for the construction of the trail must depict all proposed mitigation, and restoration and provide full details on all planting specifications. The on-site restoration and mitigation areas will be required to be maintained and monitored for a minimum of five years. **See Section IX for mitigation,**

ii. Consistency with Performance Standards for New and Expanded Uses or Development (within critical areas and critical area buffers) LUC 20.25H.055.C.2.b

The proposed alignment stays outside of wetland boundaries to the greatest extent feasible. Where wetland disturbance occurs, the trail crossing of the wetland uses the minimum footprint possible to meet the facility design. The use of a bridge was carefully evaluated but had to be dismissed because adequate clearance under the bridge could not be provided for ADA landing grades at the intersection with the Eastrail Trail. The trail crosses the wetland at its narrowest point in an area lacking trees or shrubs and dominated by invasive species. As discussed in the CAR, the project will not impact habitat used by salmonids or any species of local importance. The project does not significantly affect aquatic flow, duration, volume or hydroperiod. The wetland will be connected by a culvert to maintain the flow path. With this alignment and design, critical area impacts are limited. All project work will be consistent with applicable City of Bellevue codes and standards. The project does not include any parking or other support functions within critical areas or critical area buffers. Areas of temporary and permanent disturbance will be mitigated and/or restored pursuant to a mitigation and restoration plan; and purchase of compensatory wetland and wetland buffer credits.

iii. Consistency With LUC 20.25H.100

New lighting will be directed away from the wetlands, and buffers. Other than noise potentially created by the use of the trails, the only increase in noise levels would result from construction. Runoff from impervious surfaces will be treated prior to release to any wetland. The outer edge of the wetland will be planted with dense vegetation to limit pet or human use per the submitted mitigation plan. Use of pesticides, insecticides, and fertilizers within 150 feet of the edge of buffers will be in accordance with the City of Bellevue's Environmental Best Management Practices.

iv. Consistency with LUC 20.25H.255 Critical Areas Report

In addition to 452 square feet of wetland creation, 316 square feet of wetland restoration, and 20,759 square feet of wetland buffer enhancement and restoration of on-site or adjacent wetlands and buffers, the applicant proposes off-site and outside of the drainage sub-drainage basin mitigation for impacts to wetlands. This additional mitigation consists of the purchase of wetland mitigation bank credits from the Keller Farm Mitigation Bank, in the City of Redmond. The Keller Farm Mitigation Bank is a 75.2-acre site in water resource inventory area (WRIA) 8, the same WRIA as the

project is in. By contributing credits toward the restoration of a wetland within the same WRIA, a watershed approach would be met.

The total proposed credit purchase for the project from Keller Farms is .041 credits. The amount of wetland credits is based on water quality improvement, hydrologic support, and habitat scores for each impacted wetland. Due to the low and moderate level of function provided by the impacted wetlands, the credit purchase is anticipated to provide a level of function that is higher, with greater overall benefit to the ecological functions of the watershed than the functions presently provided by the impacted wetlands. The applicant shall acquire mitigation credits from the program and provide documentation prior to final inspection of clearing and grading permit.

Mitigation actions may be conducted off-site and outside of the drainage sub-basin only through a critical areas report. The applicant supplied a complete critical areas report and addendum prepared by a qualified professional. The report meets the minimum requirements in LUC 20.25H.250 and demonstrates that the proposed modification of the wetland and buffer leads to equivalent or better protection of the critical areas functions and values than would result from the application of the standard requirements. There are no reasonable on-site or in-sub-drainage basin opportunities or on-site and in-sub-drainage basin opportunities that do not have a high likelihood of success, and watershed goals for water quality, flood or conveyance, habitat, or other wetland functions have been established. The report and addendum are included as Attachment 2 to this staff report. **See Section IX for Mitigation related conditions of approval.**

IV. Public Notice and Comment

Application Date:	February 17, 2023
Public Notice (500 feet):	April 13, 2023
Minimum Comment Period:	April 27, 2023

The Notice of Application for this project was published in the City of Bellevue Weekly Permit Bulletin and Seattle Times on April 17, 2023. It was mailed to property owners within 500 feet of the project site. One comment was received from the King County Wastewater Treatment Division requesting information regarding the construction plans. The City will share proposed clearing and grading and construction plans with King County when they are available, prior to issuance of any construction permit.

V. Summary of Technical Reviews

A. Clearing and Grading

The Clearing and Grading Division of the Development Services Department has reviewed the proposed site development for compliance with Clearing and Grading codes and

standards. The Clearing and Grading staff found no issues with the proposed development and has approved the application.

B. Utilities

The Utilities Review section of the Development Services Department reviewed the proposal for compliance with Utility codes and standards and has approved the application. The proposal will be required to maintain standard clearances to water, sewer, storm which will be reviewed under the clearing and grading permit.

A deviation from the 2023 Water Engineering Standards section W3-05 was granted for this project, which allows for the wall to be constructed with less setback than is required as per section W3-05(D).

VI. State Environmental Policy Act (SEPA)

The environmental review indicates no probability of significant adverse environmental impacts occurring as a result of the proposal. The Environmental Checklist submitted with the application adequately discloses expected environmental impacts associated with the project. The City codes and requirements, including the Clear and Grade Code, Utility Code, Land Use Code, Noise Ordinance, Building Codes, and other construction codes are expected to mitigate potential environmental impacts. Therefore, issuance of a Determination of Non-Significance (DNS) is the appropriate threshold determination under the State Environmental Policy Act (SEPA) requirements.

A. Earth, Air, and Water

The project will have wetland, and buffer impacts, as discussed in Section III. The wetland and buffer impacts will be mitigated through on-site wetland creation and restoration. Slope impacts will be mitigated through replanting of native vegetation including 165 native trees.

A temporary erosion and sedimentation control plan will be required as part of the approval of the required clear and grade permit and shall address all requirements for restoring areas of temporary construction disturbance as well as erosion and sedimentation best management practices. Erosion and sediment control best management practices include the installation of silt fencing around the work area and covering exposed soils to prevent migration of soils. **See Permit Related Conditions of Approval in Section X of this report.**

B. Animals

The project area includes natural area open space, wetlands, and buffers that contain limited habitat for birds and mammals. Although no species were observed on the site, some species may use the site for foraging and perching. Habitat in the project area is diminished by the abundance of invasive species (primarily Himalayan blackberry and reed canarygrass), noise and disturbance from human activity on surrounding roads, highways, and commercial properties, and the presence of roads, buildings, fences, and other barriers to travel by wildlife

species.

The proposed activities are designed to be minimally disruptive to wildlife habitat. The impacted critical areas and buffers currently contain a significant invasive species component, which will be replaced post-project with a native vegetation community. The on-site wetland enhancement and buffer will also benefit wildlife through the removal of invasive plant species and restoration of a diverse native vegetation community. **See Mitigation Related Conditions of Approval in Section IX of this report.**

C. Plants

The project will require 226 square feet of direct permanent and 316 square feet of temporary wetland impacts and 23,200 square feet of temporary and permanent wetland buffer impacts. The proposed mitigation will consist of 452 square feet of wetland creation, 316 square feet of wetland restoration, 10,069 square feet of buffer enhancement, and 10,906 square feet of buffer restoration, with the removal of invasive species and planting of native vegetation including 165 native trees. A mitigation planting plan has been submitted. Required monitoring and maintenance of wetlands and buffers after project implementation will include invasive species management.

See Mitigation Related Conditions of Approval in Section IX of this report.

VII. Decision Criteria

A. Critical Areas Report Decision Criteria- General.

Except for the proposals described in subsection B of this section, the Director may approve, or approve with modifications, the proposed modification where the applicant demonstrates:

1. **The modifications and performance standards included in the proposal lead to levels of protection of critical area functions and values at least as protective as application of the regulations and standards of this code;**

   As identified in the CAR, a total of 226 square feet of direct permanent and 316 square feet of temporary wetland impacts, and 23,200 square feet of temporary and permanent wetland buffer impacts. The proposed mitigation will consist of 452 square feet of wetland creation, 316 square feet of wetland restoration, 10,069 square feet of buffer enhancement, 10,906 square feet of buffer restoration, and the equivalent of 6,000 square feet of wetland mitigation bank credits. The plan will be required to include native trees, shrubs, groundcovers & perennials, and emergents. Wetland buffer edges will be planted with native, thorny vegetation and/or fenced with signage to limit pet or human use. The mitigation plan will improve both the condition and the function of these critical areas over the standard application of the code.

2. **Adequate resources to ensure completion of any required mitigation and monitoring efforts;**

   The proposal has adequate resources to ensure completion of the proposed on-site wetland and buffer enhancement, including any necessary adaptive management and monitoring of the mitigation, as well as resources to purchase the mitigation credits from the Keller Farm Mitigation Bank to further compensate for project impacts to wetlands. Copies of the on-site and adjacent mitigation enhancement monitoring reports will be submitted annually for five years to the City. **See Mitigation related Conditions of Approval in Section IX of this report.**

3. **The modifications and performance standards included in the proposal are not detrimental to the functions and values of critical area and critical area buffers off-site; and**

   The project proposes to improve the wetland and wetland buffers through wetland creation, restoration, and enhancement by removing invasive species and replanting with native vegetation. **See Mitigation related Conditions of Approval in Section IX of this report.**

4. **The resulting development is compatible with other uses and development in the same land use district.**

   The proposed trail link from NE 12th Street to the Eastrail trail corridor is compatible with other uses and development in the land use district.

B. 20.30P.140 Critical Area Land Use Permit Decision Criteria – Decision Criteria

The Director may approve, or approve with modifications an application for a Critical Area Land Use Permit if:

1. **The proposal obtains all other permits required by the Land Use Code.**
   All required permits will be obtained.

2. **The proposal utilizes to the maximum extent possible the best available construction, design and development techniques which result in the least impact on the critical area and critical area buffer.**
   The project location and design limit permanent disturbance as much as possible to have the least impact on wetlands, and buffers. Disturbance along the trail is minimized through the use of retaining walls. Construction areas are being limited to previously disturbed or developed areas to the greatest extent feasible.

3. **The proposal incorporates the performance standards of Part 20.25H to the maximum extent applicable.**

As discussed in Section III of this report, the applicable performance standards of LUC Section 20.25H are being met.

4. **The proposal will be served by adequate public facilities including street, fire protection, and utilities.**
   The proposed improvements enhance a public facility by providing new non-motorized transportation options. No increased need will be placed on the existing public facilities.

5. **The proposal includes a mitigation or restoration plan consistent with the requirements of LUC Section 20.25H.210.**
   A mitigation planting plan has been submitted. The proposed mitigation will consist of 452 square feet of wetland creation, 316 square feet of wetland restoration, 10,069 square feet of buffer enhancement, 10,906 square feet of buffer restoration, and the equivalent of 6,000 square feet of wetland mitigation bank credits. On-site mitigation will include the removal of invasive species and planting of native vegetation including 165 native trees to offset permanent shading impacts. **See Mitigation Related Conditions of Approval in Section IX of this report**.

6. **The proposal complies with other applicable requirements of this code.**
   As discussed in this report, the proposal complies with all other applicable requirements of the Land Use Code.

VIII. Conclusion and Decision

After conducting the various administrative reviews associated with this proposal, including Land Use Code consistency, City Code and Standard compliance reviews, the Director of the Development Services Department does hereby approve with conditions the disturbance and modification of critical areas for the proposed Eastrail to NE Spring Blvd Trail Link. **Approval of this Critical Areas Land Use Permit does not constitute a permit for construction. Separate development permits are required and all plans are subject to review for compliance with applicable City of Bellevue codes and standards.**

Note - Expiration of Critical Area Permit Approval: In accordance with LUC 20.30P.150, a Critical Areas Land Use Permit automatically expires and is void if the applicant fails to file for a permit or other necessary development permits within one year of the effective date of the approval.

IX. Conditions of Approval

The applicant shall comply with all applicable Bellevue City Codes and Ordinances including but not limited to:

Applicable Ordinances	Contact Person

Clearing and Grading Code- BCC 23.76	Tom McFarlane Uzunow, 425-452-5207
Utility Code	Roy Andresen, 425-452-5206
Land Use Code- BCC Title 20	Drew Folsom, 425-452-4441

The following conditions are imposed under the Bellevue City Code or SEPA authority referenced:

1. **Development Permit:** Approval of this Critical Areas Land Use Permit does not constitute an approval of a development permit. Application for a clearing and grading or other required permits must be submitted and approved. Plans submitted as part of either permit application shall be consistent with the activity permitted under this approval.

   Authority: Land Use Code 20.30P.140, Clearing & Grading Code 23.76.035
   Reviewer: Drew Folsom, Development Services Department, Tom McFarlane, Development Services Department, Clearing & Grading Section

2. **Final Restoration Planting:** The mitigation planting proposed is required to be installed and the plans submitted under the application are considered conceptual. A final plan is required to be submitted under future construction permits. All areas of temporary disturbance within critical areas and buffers shall be restored. The plans submitted shall provide full planting specifications and details.

   Authority: Land Use Code 20.30P.140; 20.25H.220
   Reviewer: Drew Folsom, Development Services Department

3. **Maintenance and Monitoring:** Maintenance and monitoring of the mitigation and restoration planting is required for five years per the plan found in the submitted critical areas assessment as Attachment 3. A copy of the monitoring reports is required to be submitted to the Environmental Planning Manager for the Land Use Division of Development Services annually.

   Authority: Land Use Code 20.30P.140; 20.25H.220
   Reviewer: Drew Folsom, Development Services Department

4. **Mitigation Bank:** Documentation regarding participation in the Keller Farm Mitigation Bank is required. The applicant shall acquire mitigation credits and provide documentation prior to final inspection of clearing and grading permit.

   Authority: Land Use Code 20.25H.105, 20.25H.210
   Reviewer: Drew Folsom, Development Services Department

5. **Lighting**: The applicant shall submit as part of the underlying clearing and grading or other required permits a note that light shall be directed away from wetlands and wetland buffers.

   Authority: Land Use Code 20.25H.100
   Reviewer: Drew Folsom Development Services Department

6. **Rainy Season Restrictions:** No clearing and grading activity may occur during the rainy season, which is defined as October 1 through April 30 without written authorization of the Development Services Department. Should approval be granted for work during the rainy season, increased erosion and sedimentation control measures, representing the best available technology must be implemented prior to beginning or resuming site work.

   Authority: Bellevue City Code 23.76.093
   Reviewer: Tom McFarlane, Development Services Department, Clearing & Grading Section

7. **Dewatering Discharge Plan:** Construction dewatering must be approved by Bellevue Water Quality before any discharge of any dewatering water. A dewatering discharge plan must be submitted and approved prior to issuance of the clearing and grading permit.

   Authority: Bellevue City Code 23.76.035
   Reviewer: Tom McFarlane, Development Services Department, Clearing & Grading Section

8. **Turbidity and pH Monitoring Required:** A turbidity and pH monitoring plan must be submitted and approved prior to issuance of the clearing and grading permit, and the plan must be implemented during site work. The plan must be developed and implemented in accordance with the Turbidity & pH Monitoring Requirements contained in the Bellevue Clearing & Grading Development Standards.

   Authority: Clearing & Grading Code 23.76.160
   Reviewer: Tom McFarlane, Development Services Department, Clearing & Grading Section

Development Services

SEPA Environmental Checklist

The City of Bellevue uses this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization, or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions

The checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully and to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may respond with "Not Applicable" or "Does Not Apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies and reports. Please make complete and accurate answers to these questions to the best of your ability in order to avoid delays. For assistance, see SEPA Checklist Guidance on the Washington State Department of Ecology website. The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The city may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Background

1. **Name of proposed project, if applicable:**

Eastrail to NE Spring Blvd Trail Link

2. **Name of applicant:**

City of Bellevue

3. **Contact person:**

Chris Masek
Transportation Department

D.Folsom 9/11/24

D.Folsom 4/11/23

4. **Contact person address:**

City of Bellevue
450 110th Avenue NE
Bellevue, WA 98004
phone (425) 452-4619

5. **Date this checklist was prepared:**

February 8, 2023

6. **Agency requesting the checklist:**

City of Bellevue Transportation Department

7. **Proposed timing or schedule (including phasing, if applicable):**

Anticipated start date is April 2024. Duration estimated at 100 working days.

8. **Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? If yes, explain.**

No.

9. **List any environmental information you know about that has been prepared or will be prepared, that is directly related to this proposal.**

National Environmental Policy Act Categorical Exclusion
Hazardous Materials Technical Memorandum
Environmental Justice Documentation
Geotechnical Report
Critical Areas Report
No Effect Letter
Section 4f
Storm Drainage Report

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10. **Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.**

No.

11. **List any government approvals or permits that will be needed for your proposal, if known.**

National Environmental Policy Act Categorical Exclusion
National Pollutant Discharge Elimination System Construction Stormwater General Permit
City of Bellevue SEPA
City of Bellevue Clearing and Grading Permit
City of Bellevue Critical Areas Permit
U.S. Army Corps of Engineers Section 404 Permit
Washington Department of Ecology 401 Water Quality Certification (pre-approved)
Ecology NPDES permit.

12. **Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)**

The City of Bellevue proposes to build a pedestrian and bicycle connection from the existing sidewalk on NE 12th Street to the Eastrail Trail at the intersection of NE 12th Street and NE Spring Blvd, within Section 28 of Range 03 East and Township 19 North. The site is approximately 1.42 acres.

Currently, there is no formal connection between the Eastrail Trail and NE 12th Street. The project would provide a new 14-foot-wide paved trail that will meet Americans with Disabilities Act (ADA) standards. The total length of the proposed trail is approximately 850 feet. Improvements would include landscaping, irrigation, urban design, illumination, wetland mitigation, public art, wayfinding signage, site furnishings, and a retaining wall with railings.

The proposed retaining wall would be a geosynthetic fill wall supporting the 14-feet wide trail. It will be approximately 508-feet long and has a maximum retained height of approximately 22 feet. To improve aesthetics, the wall will be decorated using sculpted shotcrete or concrete formliners. A proposed installation of public art at the trail terminus along NE 12th Street would add to the aesthetic value of the site.

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The trail meanders around the site for visual appeal, maintaining a slope of less than 5 percent, per ADA standards. However, a set of stairs provides a short-cut between sections of the trail at the south end of the project, near the intersection of NE 12th Street and NE Spring Boulevard.

13. **Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and the section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.**

The City of Bellevue proposes to build a pedestrian and bicycle connection from the existing sidewalk on NE 12th Street to the Eastrail Trail at the intersection of NE 12th Street and NE Spring Blvd, within Section 28 of Range 03 East and Township 19 North. The ***60% Design Plans*** contains a vicinity map, which shows the project location and site plans.

Environmental Elements

Earth

1. **General description of the site: flat, rolling, hilly, steep slopes, mountainous, other:**

The project site slopes downward to the east, with moderate to steep slopes. The site generally slopes downwards from 190 feet above mean sea level (AMSL) at NE 12th St to 155 feet AMSL at the tie in to the Eastrail Trail. The southwestern edge of the project site has a 13 percent slope leading from the southwest to the middle of the site. The western edge of the project site contains a 20 percent slope. The northern half of the project site is relatively flat to the east of toe of the 20 percent slope to the west. (See ***Geotechnical Report***).

2. **What is the steepest slope on the site (approximate percent slope)?**

The western edge of the project site contains a 20 percent slope. The northern half of the project site is relatively flat to the east of toe of the 20 percent slope to the west. (See ***Geotechnical Report***).

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3. **What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them, and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.**

4

Fill was encountered below the topsoil in all borings and hand holes extending to depths ranging from 2.5 to 5 feet bgs. In general, the fill consisted of medium dense, silty sand with varying amounts of gravel. We expect that the fill in borings BH-1 through BH-3 was placed and regraded in association with the laydown yard that was established in support of past construction activities. See ***Geotechnical Report*** for more information.

4. **Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

No.

5. **Describe the purpose, type, total area and approximate quantities and total affected area of any filling, excavation and grading proposed. Indicate the source of the fill.**

The total area of ground disturbance for the project is estimated at 1.42 acres. Approximately 4,500 cubic yards of material will be excavated (above the ordinary high water mark [OHWM]) for installation of the proposed retaining walls. Approximately 16,000 cubic yards of fill material will be placed to support the new trail alignment and associated side slopes, resulting in a net increase of material on the site. The project would not disturb soils beyond boundaries of the project site, nor would any excavation occur below the OHWM.

At the embankment footprints, depths of excavation could be up to 5 feet below ground surface (bgs) and approximately 1 to 2.5 feet bgs (maximum) for the remainder of the site.

Fill material will be crushed surfacing base course and gravel borrow, and topsoil.

6. **Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

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Erosion could potentially occur during construction activities due to the slopes on site. Erosion control measures listed in response to Question B 1 h below would minimize erosion during construction. Erosion is unlikely to occur after project construction is complete and installed plantings have established.

7. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

A total of approximately 13,027 square feet (21 percent) of the site will be covered with new impervious surfaces after construction. Those surfaces will consist of asphalt trail and retaining walls.

8. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any.**

The contractor must comply with applicable city and county development standards and would prepare a Erosion and Sediment Control Plan (ESCP) before the start of ground-disturbing activities. With application of BMPs in accordance with the ESCP, erosion potential would be minimal. Construction BMPs could include keeping staging and travel areas clean and free from track-out, covering work areas and stockpiled material when not in use, and completing earth work on or near steep slopes during dry weather and dry site conditions if possible. Stormwater runoff would be managed and BMPs employed in accordance with the Ecology 2019 Stormwater Management Manual for Western Washington or other stormwater regulations as applicable.

The project requires more than 1 acre of ground disturbance, which means that a Construction Storm Water General Permit under Section 402 of the Clean Water Act NPDES would be required. Maintaining cover measures atop disturbed ground typically would provide the greatest reduction to the potential generation of turbid runoff and sediment transport.

Air

1. **What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.**

Project construction could result in potential short-term increases in particulate matter (from vehicles and fugitive dust on sites), carbon monoxide, volatile organic compounds and nitrogen oxide emissions. These increases would come from the operation of construction equipment, hauling materials, diesel-fired generators and construction workers accessing the site. Standard practices to control emissions of particulate matter, carbon monoxide, volatile organic compounds and nitrogen oxides would also be implemented during construction. Once construction is completed, these short-term

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increases would no longer occur. No additional air emissions are expected after construction, compared to existing conditions. All areas of Washington state currently meet National Ambient Air Quality Standards.

2. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

No off-site sources of emissions or odors have been identified that could affect the project.

3. **Proposed measures to reduce or control emissions or other impacts to air, if any.**

To reduce air emissions during construction, the contractor would implement some or all of the following measures, as appropriate:

- Covering all transported loads of soil and wet materials before transport.
- Providing wheel washes, where feasible, to reduce dust and mud carried off-site by vehicles and to decrease particulate matter on area roadways.
- Routing and scheduling high volumes of construction traffic, where practicable, to reduce additional congestion during peak travel periods and reduce carbon monoxide, nitrogen oxide and carbon dioxide emissions.
- Requiring appropriate emissions-control devices on all construction equipment powered by gasoline or diesel fuel to reduce carbon monoxide and nitrogen oxide emissions in vehicular exhaust.
- Using well-maintained heavy equipment to reduce carbon monoxide and nitrogen oxide emissions, which may also reduce greenhouse gas emissions.
- Implementing idling restrictions for construction trucks.

Implementation of the type of best practices listed above would reduce construction air emissions, and no further actions would be needed to address air emissions. Operations of the project are not expected to result in any new air quality impacts or worsen the severity of any existing exceedances of any applicable air quality regulations. Therefore, no measures to reduce or control emissions or other impacts to air are proposed.

Water

1. Surface Water
   a. **Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

The Watershed Company has identified (and DEA has verified) one category III

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palustrine emergent / palustrine forested wetland located along the eastern edge of the subject parcel along the Eastrail Trail. This wetland appears to receive water from runoff, stormwater retention ponds, and a stormwater ditch.

b. **Will the project require any work over, in or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

Yes. Approximately 226 square feet of direct wetland impacts, and 19,309 square feet of wetland buffer impacts will result from constructing the trail. A retaining wall will be installed on the north side of the larger loop, and may further impact the buffer through habitat fragmentation.

Type of Impact	Size (sq. ft.)
Permanent Wetland Impact	226
Temporary Wetland Impact	268
Permanent Wetland Buffer Impact	8,753
Temporary Wetland Buffer Impact	10,556

c. **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of the fill material.**

Fill will be approximately 2.48 cubic yards of fine compost (soil amendment).

d. **Will the proposal require surface water withdrawals or diversions? Give a general description, purpose, and approximate quantities, if known.**

No.

e. **Does the proposal lie within a 100-year floodplain? Is no, note the location on the site plan.**

No.

f. **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

No.

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2. Ground Water
   a. Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No.

   b. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals…; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

3. Water Runoff (including stormwater)
   a. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The source of runoff will be from the proposed trail. The stormwater will be dispersed into the landscaping areas. The runoff is not anticipated to flow into other water. The area of the project is contained within Threshold Drainage Area (TDA) #1. This TDA ultimately drains to Kelsey Creek West Tributary. (For more information, see ***Eastrail Storm Drainage Report***.) The southern quarter of the project site is shown in the Sturtevant Creek basin.

   b. Could waste materials enter ground or surface waters? If so, generally describe.

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Waste materials are not likely to enter ground or surface waters. The soils within the project site are considered partially infeasible for infiltration according to the City of Bellevue's *Infiltration Feasibility Map* as represented in the ***Eastrail Storm Drainage Report***. Further analysis of the soil conditions and infiltration feasibility was completed and documented in the Geotechnical Report dated 1/6/23 (see ***Geotechnical Report***.) During construction, the contractor would be required to follow the City of Bellevue's *Storm and Surface Water Maintenance Standards Manual*, and use all known, available, and reasonable source control BMPs. The city has prepared a *Construction Stormwater Prevention Plan* (CSWPP) as part of the Clear and Grade permit.

c. **Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.**

The project does not interfere with any existing natural drainage system or stormwater outfalls. Existing drainage systems will be maintained.

d. **Indicate any proposed measures to reduce or control surface, ground and runoff water, and drainage pattern impacts, if any.**

Stormwater runoff shall be properly discharged during construction to avoid erosion. As described in response to Question C.2, above, the contractor would be required to use all known, available, and reasonable source control BMPs to prevent spills from reaching the storm drain during construction. The Sheet Flow Dispersion BMP into the proposed landscaping areas adjacent to the trail will be used to control the flow of stormwater from the trail.

Plants

1. **Check the types of vegetation found on the site:**

☒ deciduous tree: alder, maple, aspen, other

☒ evergreen tree: fir, cedar, pine, other

☒ shrubs

☒ grass

☐ pasture

☐ crop or grain

☐ orchards, vineyards, or other permanent crops

☒ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

☐ water plants: water lily, eelgrass, milfoil, other

☐ other types of vegetation: Himalayan blackberry

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2. **What kind and amount of vegetation will be removed or altered?**

Up to 54 overstory trees and understory vegetation will be removed. Approximately 226 square feet of wetland vegetation will be permanently removed for construction of the trail. Approximately 19,309 square feet of wetland buffer will be temporarily or permanently affected by construction of the trail. A minimum of 109 new trees would be planted.

3. **List any threatened and endangered species known to be on or near the site.**

No threatened or endangered plant species are known to be on or near the site.

4. **Proposed landscaping, use of native plants or other measures to preserve or enhance vegetation on the site, if any.**

The project would employ City of Bellevue guidelines for tree protection standards. Planting of vegetation would comply with City of Bellevue regulations pertaining to replacement plantings. The City of Bellevue requires replacement plantings in a ratio based upon the diameter size of the trees removed and regulates planting trees in the City of Bellevue municipal code (BMC) 20.20.900.

5. **List all noxious weeds and invasive species known to be on or near the site.**

The occurrence of noxious weeds and invasive species is limited to non-landscaped areas on the project site. Species include Himalayan blackberry, English ivy, and reed canary grass.

Animals

1. **List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include:**

☒ Birds: hawk, heron, eagle, songbirds, other:

☐ Mammals: deer, bear, elk, beaver, other:

☐ Fish: bass, salmon, trout, herring, shellfish, other:

2. **List any threatened and endangered species known to be on or near the site.**

Several threatened and endangered species are listed on the U.S. Fish and Wildlife Service IPaC list for this project, including north American wolverine, bull trout, marbled murrelet, streaked horned lark, yellow-billed cuckoo, and monarch butterfly. None of these species are expected to occur in or near the project site due to lack of suitable habitat and a high level of human disturbance.

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The proposed project would have no effect on any listed species that could occur near the project.

3. **Is the site part of a migration route? If so, explain.**

   The project site is within the Pacific Flyway, a migratory corridor consisting of the western coastal areas of South, Central and North America. Although the proposed project will span the wetland that is located adjacent to the Eastrail Trail, it is not anticipated to impact migratory birds as construction will be limited in duration and impacts to the wetland will be minimal.

4. **Proposed measures to preserve or enhance wildlife, if any.**

   No measures are needed.

5. **List any invasive animal species known to be on or near the site.**

   None known.

Energy and Natural Resources

1. **What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

   The project would require electricity for trailside lighting.

2. **Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

   No.

3. **What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any.**

   All new luminaires will be LED.

Environmental Health

1. **Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.**

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During construction, there is potential to encounter hazardous materials from contaminated soils or water. Sources of contamination could involve areas within the project limits or adjoining properties, either of which could result in risks of exposure to toxic chemicals.

Potential also exists for the accidental release of hazardous materials to the environment, either by construction activities in locations where hazardous materials already exist, or from release of hazardous materials utilized during construction. Encountering or accidental release of hazardous materials during construction could result in near-term risks to human health or the environment, or could create potential long-term liabilities. The most likely types of hazardous materials that could potentially be encountered during construction include petroleum hydrocarbons, metals, solvents and pesticides.

Risk of fire or explosion is extremely unlikely, but fire or explosion could theoretically occur in the event of unanticipated utility interactions, such as damaged power lines interacting with flammable materials, such as oil or gasoline. Operation and maintenance of the project are not expected to generate environmental health hazards. See **Hazardous Materials Memorandum** for more information.

a. **Describe any known or possible contamination at the site from present or past uses.**

No known or possible contamination is present at the site. Potential contamination sites within one block of the project site are identified in the **Hazardous Materials Memorandum.**

b. **Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.**

Hazardous chemicals or conditions that could affect project development and design include those discussed in response to Question B 7 a, above. The known and suspected contamination described in response to Question B 7 a (1) would be assessed before or during construction as needed. If project construction involves these properties, design measures would be implemented to prevent unintentional alteration of contaminant migration pathways.

c. **Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.**

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During construction, vehicles may be refueled or maintained on-site, creating the potential for spills due to the storage and use of potentially toxic or hazardous chemicals. Storage and on-site transfer of petroleum products, oil or grease could occur. Heavy equipment malfunctions, such as hydraulic or fuel line ruptures, could occur. Hazardous materials, including but not limited to paints, acids for cleaning, solvents, raw concrete, and concrete-curing compounds, could be used during construction activities. Construction equipment or vehicles could potentially track and spread contaminated soils off-site, unless properly managed. No toxic or hazardous chemicals would be stored, used, or produced on the project site during project operation.

d. **Describe special emergency services that might be required.**

No special emergency services are expected to be required as a result of project construction or operation.

e. **Proposed measures to reduce or control environmental health hazards, if any**.

The City of Bellevue and its contractor would reduce the potential for environmental health hazards associated with hazardous materials by following due diligence processes that would evaluate and, as necessary, mitigate potential impacts identified. During construction, contractors would be required to comply with all applicable health and safety regulations, including State of Washington Department of Labor and Industries General Occupational Health Standards, Chapter 296-62 Washington Administrative Code (WAC), and General Safety and Health Standards, Chapter 296-24 WAC. Throughout project construction, procedures would be implemented to identify, characterize, manage, handle, store and dispose of contaminated soil and groundwater that are encountered. If unanticipated soil or groundwater contamination are encountered, remediation of those materials would occur as needed and in coordination with Ecology.

2. **Noise**
   a. **What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?**

The main source of noise on the project site is traffic on NE 12th St, NE Spring Blvd, and the Sound Transit facility to the east of the Eastrail Trail. No existing sources of noise would affect the project.

   b. **What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic,**

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construction, operation, other)? Indicate what hours noise would come from the site.

In the short term, noise would occur due to construction. Construction is expected to occur mainly during daytime hours. Noise impacts due to the project are expected to be minor and would no longer be present after construction. The project would not produce a new source of noise after construction.

c. **Proposed measures to reduce or control noise impacts, if any.**

Construction of the proposed project would comply with the City of Bellevue municipal code. According to Bellevue Municipal Code (BMC) 9.18.020 (C), sounds from temporary construction activities may exceed the maximum permissible noise levels between the hours of 7 a.m. and 6 p.m. on weekdays, and 9:00 a.m. and 6:00 p.m. on Saturdays which are not legal holidays.

Land and Shoreline Uses

1. **What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.**

The site is currently a vegetated vacant lot. Adjoining property to the west is used as utilities (an electrical substation); adjoining property to the north is vacant land; adjoining property to the south is a roadway (NE 12th St); adjoining property to the east is used as recreation (the Eastrail Trail) and the Sound Transit OMF East facility. The project would not affect land uses on nearby or adjacent properties to the north, south, and west. The project would enhance pedestrian and bicycle use of the Eastrail Trail to the east of the proposed project as well as non-motorized connections to downtown Bellevue.

2. **Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to non- farm or non-forest use?**

The project site has not been used in recent history as working farmlands or working forest lands. No agricultural or forest land of long-term commercial significance would be converted to other uses as a result of this project.

a. **Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling and harvesting? If so, how?**

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With no working farms or forests on or near the project site, there would be no such impacts to or by the project.

3. **Describe any structures on the site.**

The only existing structure on the site is a fence adjacent to the existing Eastside Trail corridor.

4. **Will any structures be demolished? If so, what?**

No structures will be demolished. A fence will be removed to tie the new trail segment into the existing Eastrail Trail.

5. **What is the current zoning classification of the site?**

According to its online map viewer, the City of Bellevue has zoned the southern tip of the property as Office (BR-MO) and the majority of the property as Medical Institution (MI).

6. **What is the current comprehensive plan designation of the site?**

According to its August, 2019 Comprehensive Plan Generalized Comprehensive Plan Land Use Designations Map, the City of Bellevue has designated the project study area as Medical (City of Bellevue, 2019a).

7. **If applicable, what is the current shoreline master program designation of the site?**

The project site is not designated as a Shoreline Environment, according to the City of Bellevue Shoreline Master Program Map (City of Bellevue, 2019b), and is therefore not within the jurisdiction of the City of Bellevue Shoreline Master Program.

8. **Has any part of the site been classified as a critical area by the city or county? If so, specify.**

The site is not currently mapped as a critical area, but see the **Critical Area Report**, for a summary of the on-site wetland identified during project development.

9. **Approximately how many people would reside or work in the completed project?**

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None.

10. **Approximately how many people would the completed project displace?**

None.

11. **Proposed measures to avoid or reduce displacement impacts, if any.**

No measures are needed because no displacements would occur.

12. **Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.**

No measures are required. The project is compatible with existing and projected land uses and plans.

13. **Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any.**

No measures are required. The project is not near and would not affect or be affected by agricultural or forest lands of long-term significance.

Housing

1. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.**

None.

2. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

None.

3. **Proposed measures to reduce or control housing impacts, if any.**

The project would not result in any housing impacts. No measures are required.

Aesthetics

1. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

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The proposed retaining wall would be a geosynthetic fill wall supporting the 14-feet wide trail. It will be approximately 508-feet long and has a maximum retained height of approximately 22 feet. No buildings or other structures will be constructed for this project.

2. **What views in the immediate vicinity would be altered or obstructed?**

   After construction, views would be slightly different compared to existing conditions due to the new project features. The trail would be visible by pedestrians walking adjacent to NE 12th Street. No regional views would be altered or obstructed in the long run.

3. **Proposed measures to reduce or control aesthetic impacts if any**

   No measures are necessary because no adverse aesthetic impacts would occur.

Light and Glare

1. **What type of light or glare will the proposal produce? What time of day would it mainly occur?**

   Light generated by the project would include only appropriate roadway and shared use path illumination at nighttime. No adverse glare impacts are expected.

2. **Could light or glare from the finished project be a safety hazard or interfere with views?**

   No.

3. **What existing off-site sources of light or glare may affect your proposal?**

   No existing sources of off-site light or glare have been identified that would affect the project.

4. **Proposed measures to reduce or control light and glare impacts, if any.**

   No measures are necessary because no light or glare impacts are expected.

Recreation

1. **What designated and informal recreational opportunities are in the immediate vicinity?**

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There are no recreational opportunities in the immediate vicinity of the project, other than the Eastrail Trail and sidewalks adjacent to NE 12th and other local streets. In the future, the Eastrail Trails will be a recreational and commuter connection between Renton north to Snohomish County. The Bellevue segment of the trail is incomplete.

2. **Would the proposed project displace any existing recreational uses? If so, describe.**

   No. The proposed project would enhance the connectivity of the Eastrail Trail.

3. **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any.**

   No measures are needed.

Historic and Cultural Preservation

1. **Are there any buildings, structures or sites located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.**

   No.

2. **Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.**

   No.

3. **Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.**

   An Area of Potential Effect letter was created and provided to the WSDOT Local Programs Archeologist. Further coordination with the Local Programs Archeologist resulted in a determination of no effect.

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4. **Proposed measures to avoid, minimize or compensate for loss, changes to and disturbance to resources. Please include plans for the above and any permits that may be required.**

The City of Bellevue has created a Plan and Procedures for the Unanticipated Discovery of Cultural Resources and Human Skeletal Remains.

Transportation

1. **Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.**

Streets serving the site include NE Spring Blvd and NE 12th St. After construction, access to the project area would remain the same as existing conditions.

2. **Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?**

King County Metro routes 226 and 250 sere the project area. The nearest bus stop for both of these routes is located approximately 390 feet away on the corner of 116th Ave NE and NE 12th St. Operation of this bus stop will not be affected by construction or operation of the proposed project.

Sound Transit is constructing a light rail station at Spring Street, between 120th and 124th.

3. **How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?**

No.

4. **Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).**

The project would create a new bicycle/pedestrian trail. It would connect to the existing Eastrail Trail adjacent to the subject property west of the Sound Transit OMF East facility. There would be temporary use of the entry drive to the PSE substation to access the site.

5. **Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

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No.

6. **How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and non-passenger vehicles). What data or transportation models were used to make these estimates?**

   The project would not result in increased volumes of vehicular trips.

7. **Will the proposal interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.**

   No.

8. **Proposed measures to reduce or control transportation impacts, if any.**

   No measures are needed.

Public Service

1. **Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.**

   No.

2. **Proposed measures to reduce or control direct impacts on public services, if any.**

   No measures are needed.

Utilities

1. **Check the utilities currently available at the site:**

☒ Electricity
☐ Natural Gas
☒ Water
☐ Refuse Service
☒ Telephone
☒ Sanitary Sewer

D.Folsom 9/11/24

D.Folsom 4/11/23

☐ Septic System

☒ Other: Irrigation Water

2. **Describe the utilities that are proposed for the project, the utility providing the service and the general construction activities on the site or in the immediate vicinity which might be needed.**

The following utility providers are located within the project site and serve the properties adjacent to the project site:

- Bellevue Utilities Department provides water, wastewater, and stormwater services.
- Puget Sound Energy provides electric services.
- Allstream/Starcom provided communication through project site.

Republic Services provides solid waste and recycling services to the project area

Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Name of signee: Chris Masek

Position and Agency/Organization: Design Engineering Manager, City of Bellevue

Date Submitted: February 17, 2023

D.Folsom 9/11/24

D.Folsom 4/11/23

CITY OF BELLEVUE
TRANSPORTATION DEPARTMENT

EASTRAIL TO NE SPRING BLVD TRAIL LINK

ACTING CITY MANAGER
DIANE CARLSON

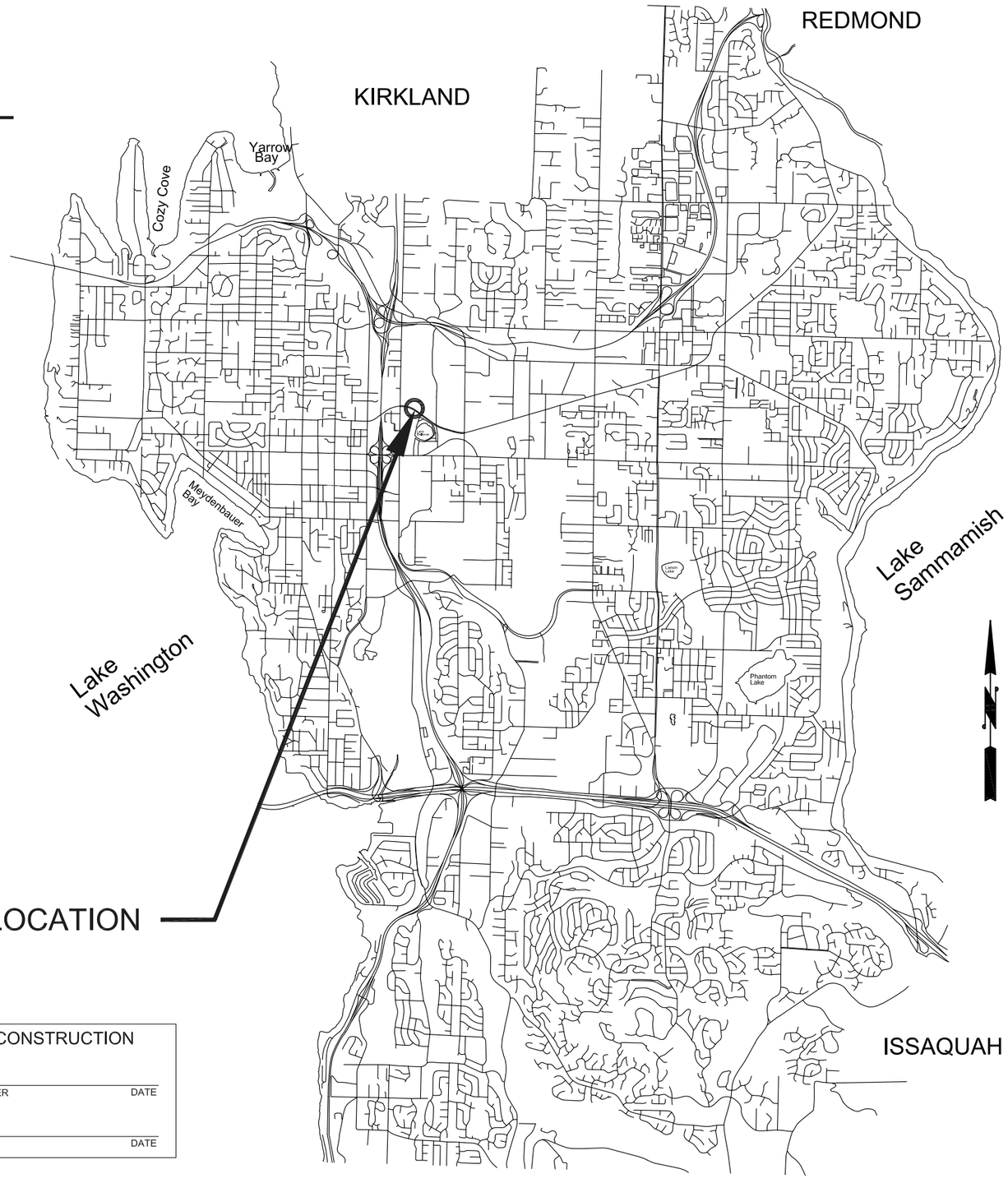
MAYOR
LYNNE ROBINSON

DIRECTOR OF TRANSPORTATION
ANDREW SINGELAKIS

DEPUTY MAYOR
MO MALAKOUTIAN

CITY COUNCIL
DAVE HAMILTON
CONRAD LEE
JARED NIEUWENHUIS
JOHN STOKES
JANICE ZAHN

SCHEDULE OF DRAWINGS



C.I.P. NUMBER G-103
BID NUMBER 24XXX
FEDERAL AID NUMBER XXXXX

APPROVED FOR CONSTRUCTION

TRANSPORTATION DESIGN MANAGER DATE

PROJECT MANAGER DATE

CONSTRUCTION LEGEND

(X)	CONSTRUCTION NOTE
(SNX)	SIGN NOTE
[X]	DRAINAGE NOTE
	WATER NOTE
	CHANNELIZATION NOTE
	SITE PREPARATION NOTE
	TRAIL/SIDEWALK LAYOUT POINT
[RX]	CURB RETURN DATA POINT
	CONSTRUCTION CENTERLINE
	CITY OF BELLEVUE RIGHT-OF-WAY
	WSDOT LIMITED ACCESS
	PROPERTY LINE
	EASEMENT
—CUT—	APPROX. CUT LINE
—FILL—	APPROX. FILL LINE
—CG—	APPROX. CLEAR AND GRUB LIMITS
	CURB
	ROCK WALL
—P—	POWER
—SD—	STORM DRAIN
—W—	WATER LINE
—SS—	SANITARY SEWER
—G—	GAS LINE
—COM—	COMMUNICATION LINE
—UGT—	TELEPHONE LINE
—UGTV—	CABLE TV LINE
—UGFO—	FIBER OPTIC CABLE
	EXISTING CONCRETE TO BE REMOVED
	EXISTING ASPHALT TO BE REMOVED
	NEW WALL
	NEW HMA TRAIL
	NEW CONCRETE

EXISTING	PROPOSED	
	—x—	WOOD FENCE
		SIGN
		UTILTY POLE
	[P]	POWER VAULT
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
		CATCH BASIN
		FIRE HYDRANT
		WATER METER
		WATER VALVE
		GAS VALVE
		SANITARY SEWER MANHOLE
		CABLE TELEVISION OR TELEPHONE RISER
		DECIDUOUS TREE
		SHRUB
		CONIFER TREE

ELECTRICAL LEGEND

(X)	SIGNAL POLE STANDARD NUMBER
(X)	SIGNAL NOTE
X	CONDUIT RUN NUMBER

EXISTING	PROPOSED	
	— – – —	CONDUIT
		JUNCTION BOX TYPE 1
		JUNCTION BOX TYPE 2
		JUNCTION BOX TYPE 2 MODIFIED (COMMUNICATION)
		JUNCTION BOX TYPE 8
		LARGE COMMUNICATION JUNCTION BOX
		FIBER OPTIC VAULT
		LUMINAIRE POLE
		SERVICE CABINET

DATUM

SURVEY CONTROL

MONUMENT H5294
NORTHING 230003.922
EASTING 1307443.202
CITY OF BELLEVUE 1/2" DIAM BRASS PLUG IN CONCRETE MONUMENT AT THE INTERSECTION OF NE 12 ST AND 116 AVE NE

MONUMENT H1647
NORTHING 230100.336
EASTING 1306936.533
CITY OF BELLEVUE BRASS CAP INTERSECTION OF NE 12 ST AND NE SPRING BLVD

TRAIL CONSTRUCTION CENTERLINE ALIGNMENT

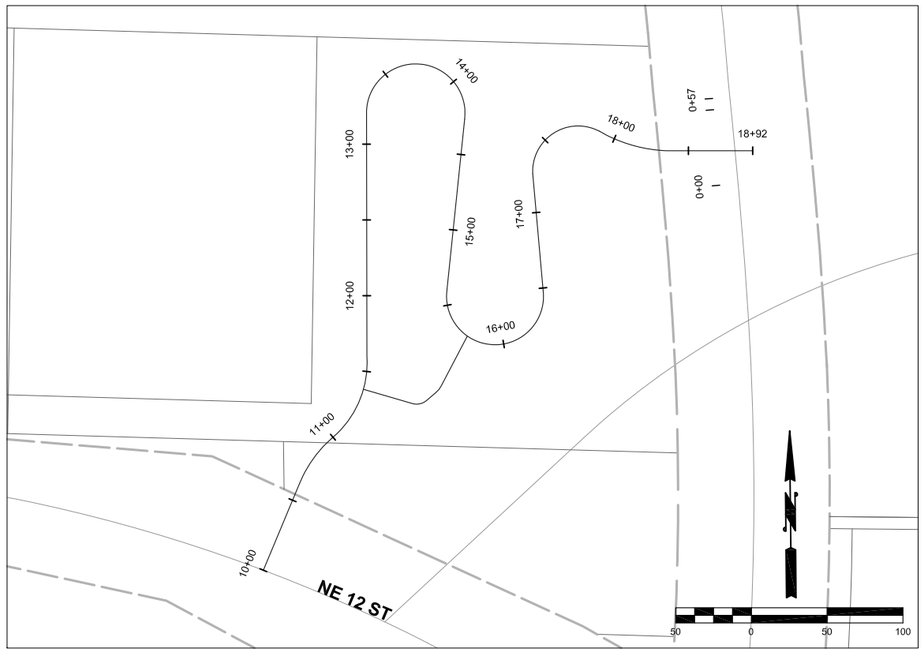
STATION	PC/PT	DISTANCE LENGTH	RADIUS	BEARING/DELTA	NORTHING	EASTING
10+00.00	-	61.86		N22° 40' 43" E	499344.11	497790.68
10+61.86	PC	37.33	80	26° 43'58"	499401.20	497814.53
10+99.19	PT/PC	60.36	65	53 12'25"	499431.29	497836.04
11+59.55	PT	159.50		N0° 06' 12" W	499484.76	497859.04
13+19.06	PC	107.52	32.5	189° 31'11"	499644.27	497858.76
14+26.57	PT	113.05		S5° 53' 12" W	499641.66	497923.49
15+39.63	PC	106.38	32	190° 28'21"	499529.21	497911.87
16+46.01	PT	79.81		N5° 07' 02" W	499526.31	497975.54
17+25.82	PC	62.91	30	120° 08'43"	499605.81	497968.42
17+88.73	PT/PC	46.67	95	28° 08'43"	499633.84	498012.12
18+35.39	PT	57.01		N89° 55' 56" E	499620.91	498056.57

TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL MAINTAIN 10 FOOT MINIMUM TRAVEL LANES.
2. ALTERNATING TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
3. TRAFFIC CONTROL PLANS HAVE BEEN PROVIDED FOR USE ON THIS PROJECT. THE CONTRACTOR SHALL SUBMIT PROJECT SPECIFIC TRAFFIC CONTROL PLANS FOR OPERATIONS THAT DIFFER FROM THE PLANS PROVIDED FOR APPROVAL BY THE CITY AT LEAST 14 DAYS PRIOR TO START OF CONSTRUCTION.
4. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES, OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE AS STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THE PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT DOES NOT IMPEDE TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 6:00PM.
5. PEDESTRIAN ACCESS SHALL BE NOT BE IMPEDED. CLOSED TRENCHES, TEMPORARY PAVING SURFACES AND PEDESTRIAN ROUTES SHALL HAVE A STABLE, FIRM AND SLIP RESISTANT WALKING SURFACE MADE EVEN WITH THE SURROUNDING SURFACES. COMPACTED GRAVEL IS NOT CONSIDERED AN ACCEPTABLE WALKING SURFACE.

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. POTHOLING INFORMATION OBTAINED DURING DESIGN CAN BE FOUND IN APPENDIX G OF THE PROJECT SPECIFICATIONS.
3. DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF BELLEVUE



NO.	DATE	BY	APPR.	REVISIONS

C. Masek 02/24 DESIGNED BY DATE
C. Masek 02/24 DRAWN BY DATE
C. Masek 02/24 CHECKED BY DATE

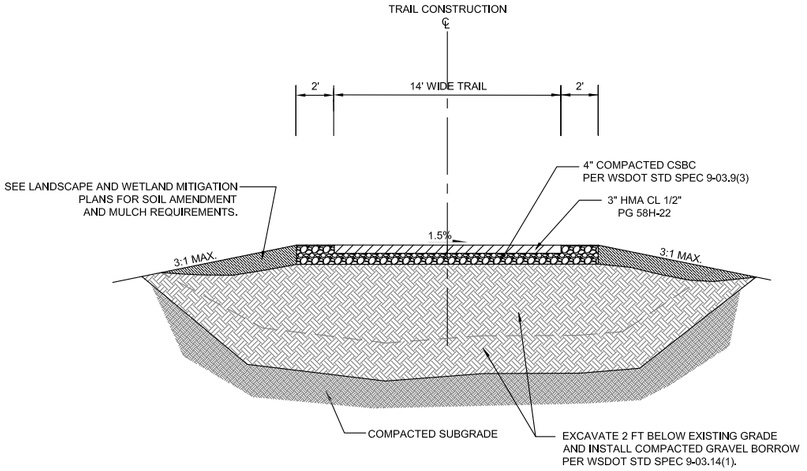
City of Bellevue
Transportation Department

CHRISTOPHER T. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER
2/7/24

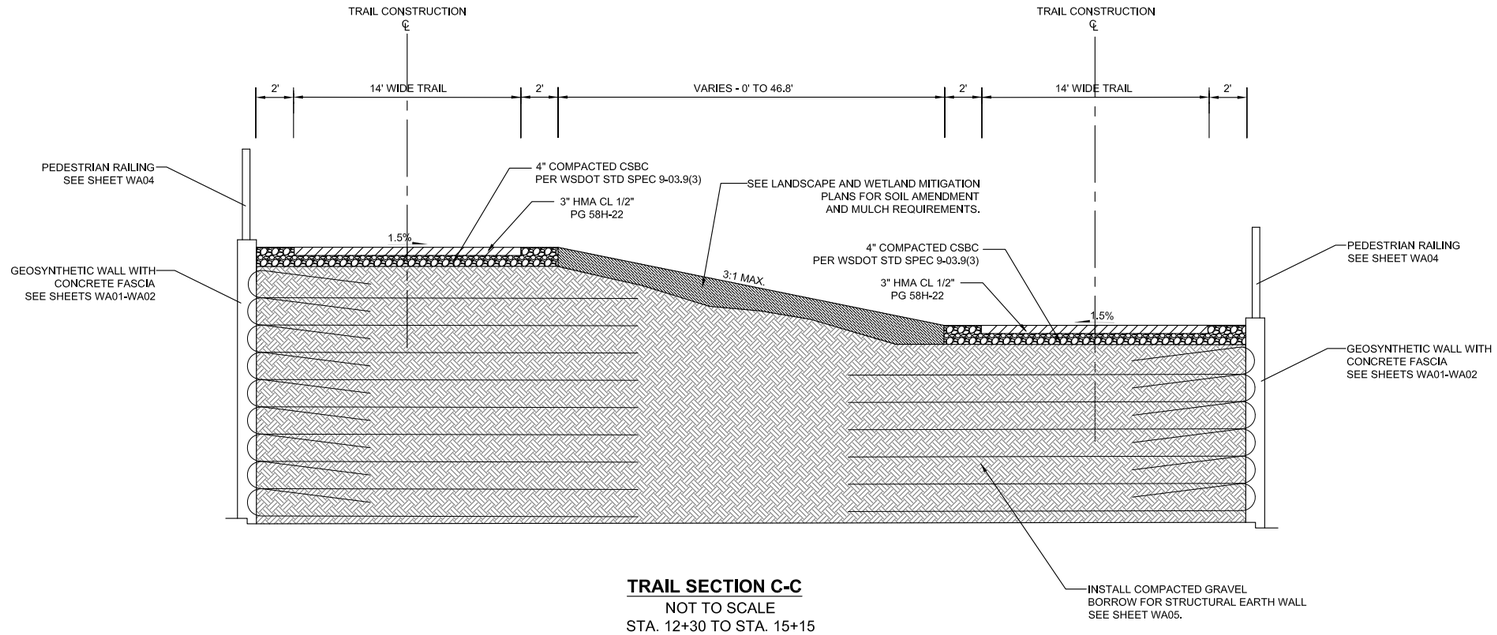
EASTRAIL TO NE SPRING BLVD TRAIL LINK

LEGEND, GENERAL NOTES, & SURVEY CONTROL

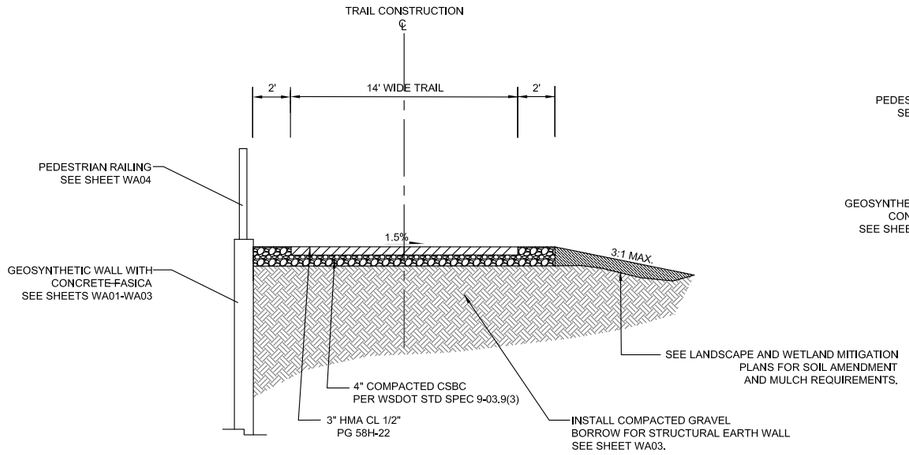
GEN01 SHT 2 OF 40



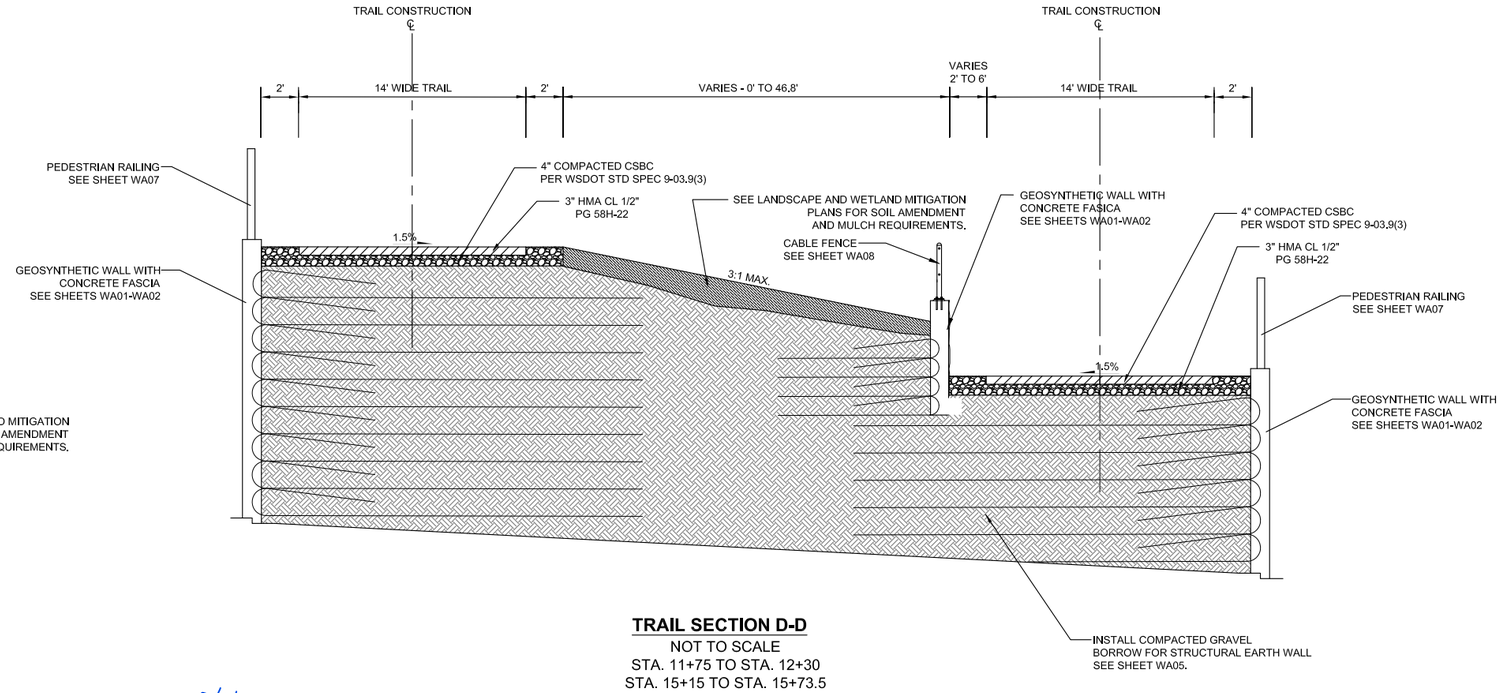
TRAIL SECTION A-A
NOT TO SCALE
STA. 10+62 TO STA. 10+80
STA. 15+75 TO STA. 18+75



TRAIL SECTION C-C
NOT TO SCALE
STA. 12+30 TO STA. 15+15



TRAIL SECTION B-B
NOT TO SCALE
STA. 10+80 TO STA. 11+75



TRAIL SECTION D-D
NOT TO SCALE
STA. 11+75 TO STA. 12+30
STA. 15+15 TO STA. 15+73.5

NO.	DATE	BY	APPR.	REVISIONS

C. Masek 02/24 DESIGNED BY DATE
C. Masek 02/24 DRAWN BY DATE
C. Masek 02/24 CHECKED BY DATE

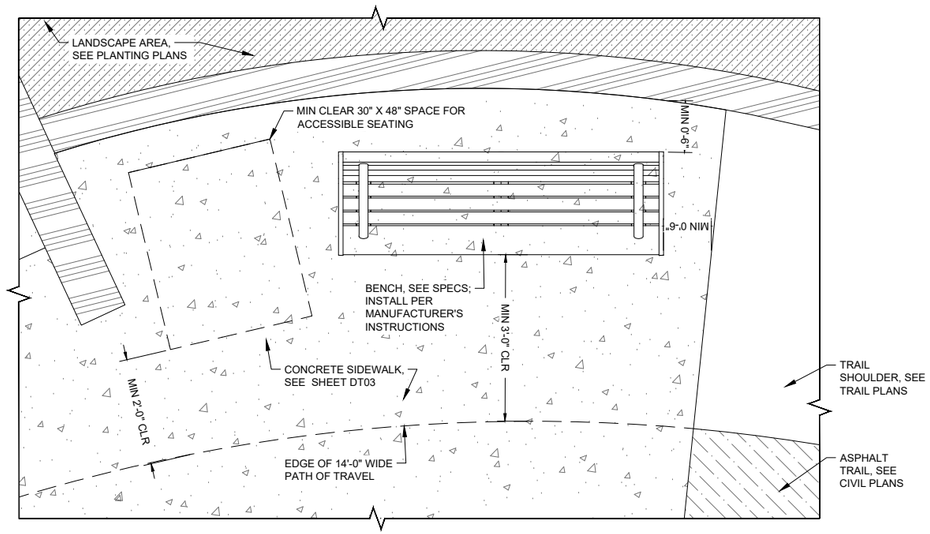
City of Bellevue
Transportation Department

2/7/24
CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45856
REGISTERED PROFESSIONAL ENGINEER

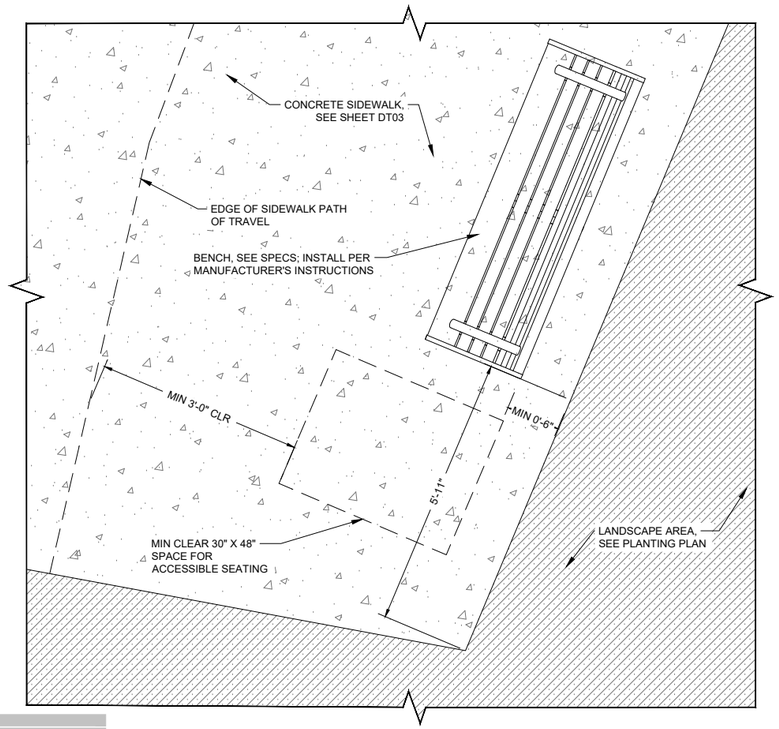
EASTRAIL TO NE SPRING BLVD TRAIL LINK

TYPICAL SECTIONS

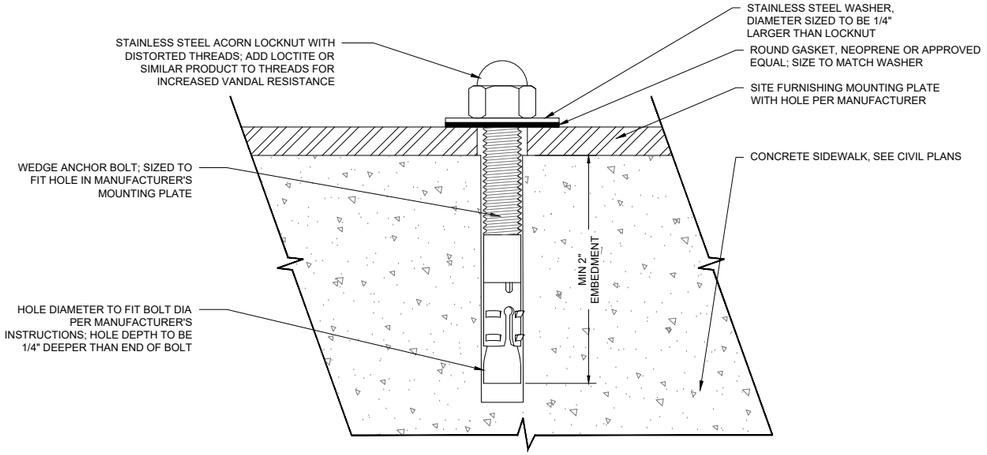
TS01 SHT 3 OF 40



PLAN - STA 15+16.2 (VICINITY)



PLAN - STA 10+61.8 (VICINITY)

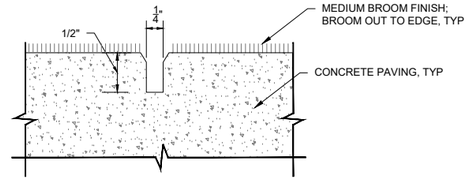


SURFACE MOUNTING

NOT TO SCALE

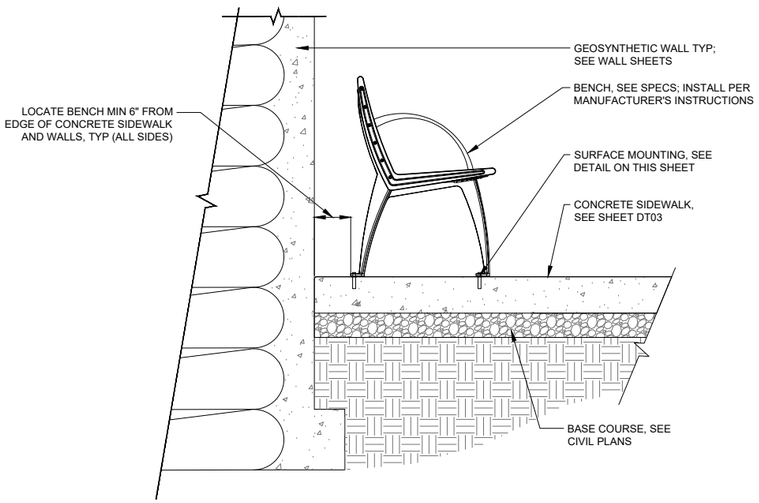
NOTES:

1. SCORE JOINT SHALL BE A SAWCUT JOINT WITH CLEAN CHAMFER EDGE AS SHOWN. USE SOFF-CUT PROEDGE BEVELED BLADE PROFILE XL-V21 OR APPROVED EQUAL, TYP.
2. SEE SHEET DT-03 FOR JOINT LAYOUT.



SCORE JOINT

NOT TO SCALE



SECTION - STA 15+16.2 AND 10+61.8 (VICINITY)

BENCH INSTALLATION

NOT TO SCALE

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800 206.682.3051 phone
SEATTLE, WA 98121 206.682.3245 fax

NO.	DATE	BY	APPR.	REVISIONS

J. VONG	01/24
DESIGNED BY	DATE
S. ARORA	01/24
DRAWN BY	DATE
A. LUOMA	01/24
CHECKED BY	DATE

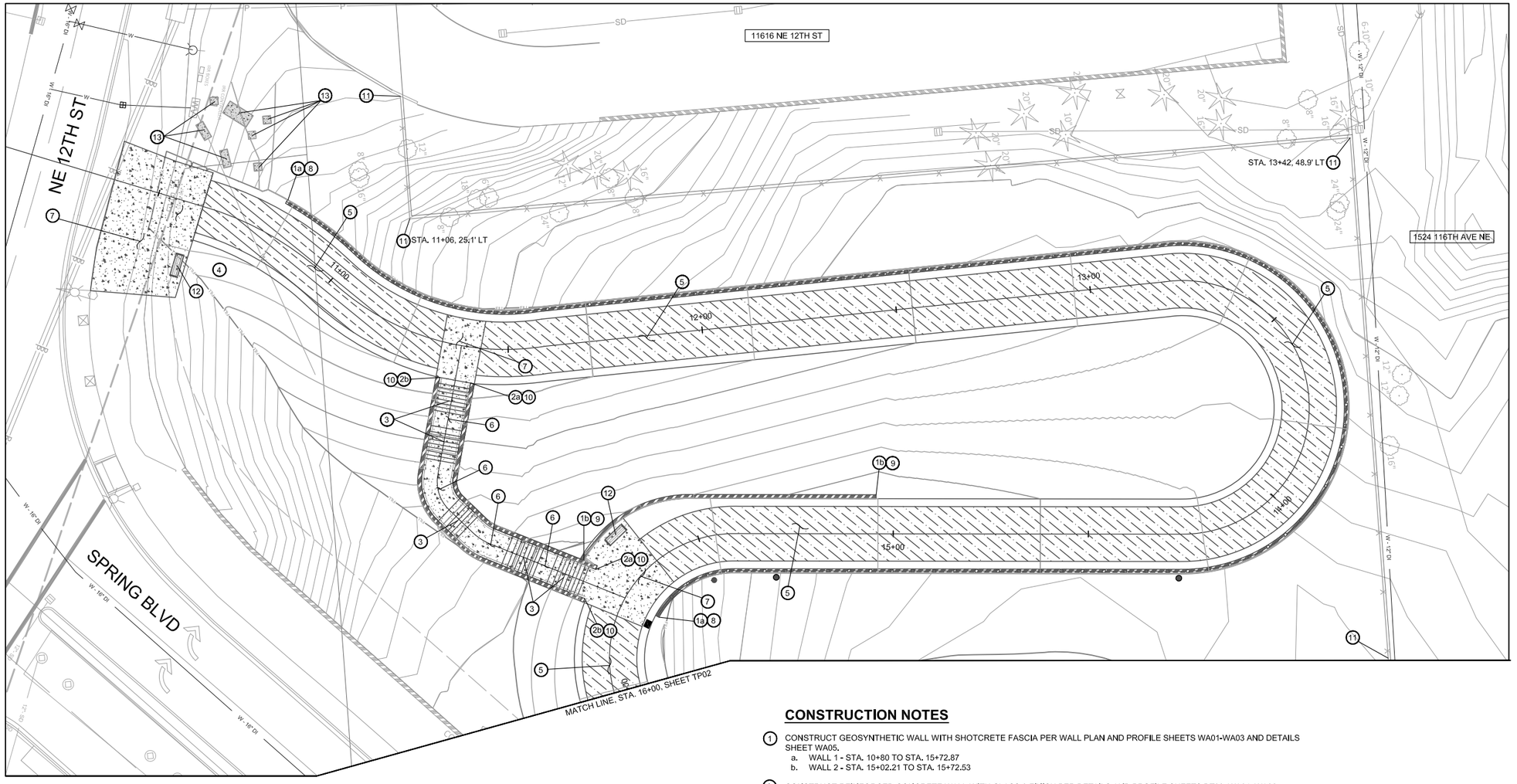
City of Bellevue
Transportation Department

STATE OF WASHINGTON MERIT OVIR LANDSCAPE ARCHITECT EXP. 01/2025

EASTRAIL TO NE SPRING BLVD TRAIL LINK

PAVING AND SITE FURNISHING DETAILS

DT04 | SHT 7 OF 40



GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
3. FOR JUNCTION BOXES, LIGHTING AND ELECTRICAL CONDUIT INSTALLATION, SEE SHEETS CP01-CP02
4. FOR PROPOSED TRAIL CENTERLINE ELEVATION, SEE TRAIL PROFILE SHEET
5. FOR SIGNING, CHANNELIZATION PLANS, ELECTRICAL PLANS SEE SHEETS CP01-CP02.
6. FOR DRAINAGE PLANS, SHEETS UT01-UT02.

CONSTRUCTION NOTES

1. CONSTRUCT GEOSYNTHETIC WALL WITH SHOTCRETE FASCIA PER WALL PLAN AND PROFILE SHEETS WA01-WA03 AND DETAILS SHEET WA05.
   a. WALL 1 - STA. 10+80 TO STA. 15+72.87
   b. WALL 2 - STA. 15+02.21 TO STA. 15+72.53
2. CONSTRUCT REINFORCED CONCRETE WALL WITH CLASS 2 FINISH PER DETAILS AND PROFILE SHEETS DT02, WA04, WA06. FABRICATE AND INSTALL STAIR RAILING PER DETAILS, SHEET DT02.
   a. WALL 3 - STA. 11+41.43 TO STA. 15+72.72
   b. WALL 4 - STA. 11+34.41 TO STA. 15+78.83
3. CONSTRUCT CONCRETE STAIRS PER PLAN, PROFILE AND DETAILS SHEETS DT01-DT03.
4. PROVIDE AND INSTALL IRRIGATION LINE SLEEVE CROSSING. SEE IRRIGATION SHEETS IR04 FOR ADDITIONAL INFORMATION.
5. EXCAVATE AREA FOR TRAIL PER TYPICAL SECTIONS SHEET TS01, AND TRAIL PROFILE, SHEETS TP03, CONSTRUCT 12' WIDE ASPHALT PATH PER TYPICAL SECTIONS SHEET TS01.
6. CONSTRUCT CONCRETE SIDEWALK, 5" DEPTH, ON TOP OF 4" COMPACTED CSTC PER COB STD. DWG NO. SW-110-1.
7. CONSTRUCT CONCRETE SIDEWALK, 5" DEPTH, ON TOP OF 4" COMPACTED CSTC. SCORE AND FINISH SIDEWALK PER DETAILS, SHEET DT03.
8. FABRICATE AND INSTALL PEDESTRIAN RAILING PER DETAILS, SHEET WA07.
9. FABRICATE AND INSTALL CABLE FENCE PER DETAILS, SHEETS WA08.
10. FABRICATE AND INSTALL STAIR RAILING PER DETAILS, SHEET DT02.
11. CONSTRUCT 6 FT CHAIN LINK FENCE TYPE 3 WITH BLACK ANODIC COATING PER WSDOT STD. PLAN NO. L-20.10-02.
12. PROVIDE AND INSTALL BENCH PER DETAILS, SHEET DT04.
13. CONSTRUCT FOUNDATIONS FOR FUTURE ARTWORK PER DETAILS, SHEET AF01.

LEGEND

- NEW WALL
- 3" HMA TRAIL
- NEW CONCRETE

SCALE IN FEET
15 0 15 30

NO.	DATE	BY	APPR.	REVISIONS

C. Masek 02/24 DESIGNED BY DATE
C. Masek 02/24 DRAWN BY DATE
C. Masek 02/24 CHECKED BY DATE

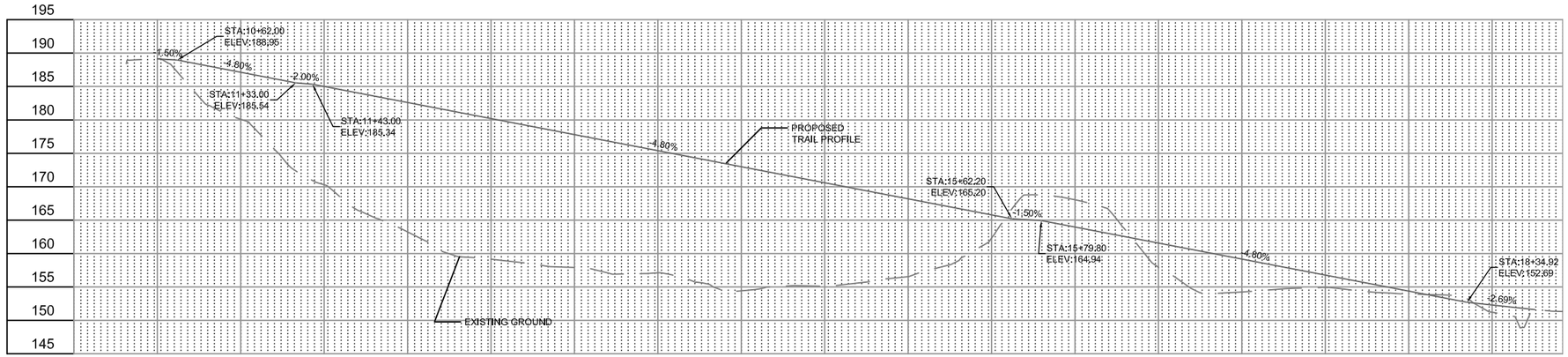
City of Bellevue
Transportation Department

2/7/24
CHRISTOPHER D. MASEK STATE OF WASHINGTON 45856 REGISTERED PROFESSIONAL ENGINEER

EASTRAIL TO NE SPRING BLVD TRAIL LINK

TRAIL PLAN

TP01 SHT 11 OF 40



	PROPOSED GROUND ELEV.																					
	189.13	189.130	180.09	187.126	170.29	185.006	163.24	182.604	159.15	180.201	157.91	177.799	157.10	175.396	154.41	172.994	155.12	170.591	156.54	168.189	162.30	165.786
	168.05	163.966	157.94	161.566	154.23	159.166	154.91	156.766	153.93	154.366	151.20	152.285	151.32									
	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	18+92,40			

EXISTING GROUND ELEV.

TRAIL PROFILE

5 0 5 10

VERTICAL SCALE IN FEET

20 0 20 40

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	APPR.	REVISIONS

C. Masek 02/24
DESIGNED BY DATE
C. Masek 02/24
DRAWN BY DATE
C. Masek 02/24
CHECKED BY DATE

City of Bellevue
Transportation Department

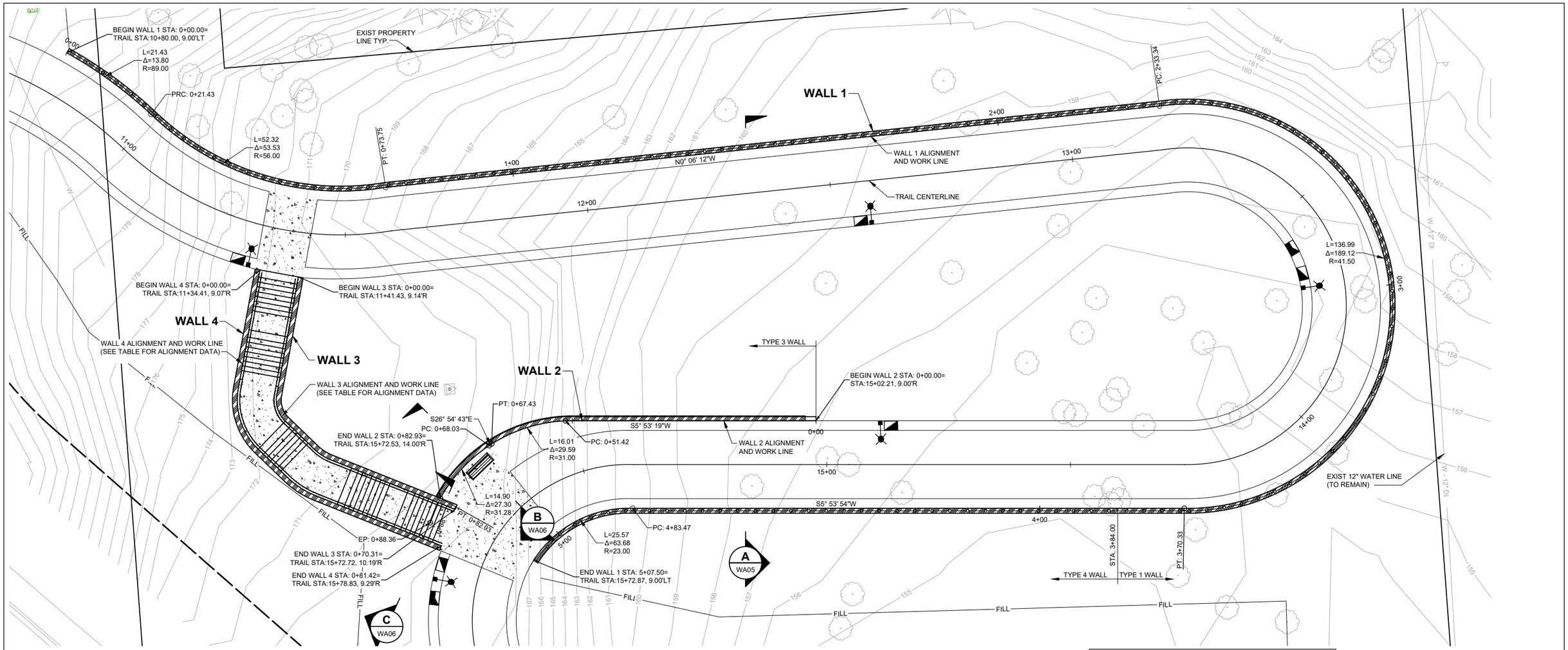
CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45856
REGISTERED
PROFESSIONAL ENGINEER
2/7/24

EASTRAIL TO NE SPRING BLVD TRAIL LINK

TRAIL PROFILE

TP03

SHT 13 OF 40



PLAN

NOTES:

1. WALLS 1 AND 2 SHALL BE PERMANENT GEOSYNTHETIC WALLS (WALL 1 = TYPE 1 OR TYPE 4 AND WALL 2 = TYPE 3) PER STANDARD PLAN D-3.09-00. SEE SHEET WA02 AND WA03 FOR WALL ELEVATION AND LIMITS OF WALL TYPE.

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND MUNICIPAL CONSTRUCTION", DATED 2024.
2. THE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS - 9TH EDITION - 2020
3. THE SEISMIC DESIGN OF THE STRUCTURES HAVE BEEN COMPLETED IN ACCORDANCE WITH THE AASHTO GUIDE SPECIFICATIONS FOR LRFD BRIDGE DESIGN - 2ND EDITION - 2011 WITH INTERIMS THRU 2015, USING SITE CLASS C AND A PEAK GROUND ACCELERATION OF 0.423.
4. CONTRACTOR TO FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE VICINITY OF THE WALLS PRIOR TO BEGINNING WALL CONSTRUCTION.

GENERAL NOTES (CONTINUED)

5. ALL CONCRETE SHALL BE CLASS 4000. ALL REINFORCING BARS SHALL BE AASHTO M-31, GRADE 60 EXCEPT AS NOTED.
6. UNLESS OTHERWISE SHOWN ON THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCEMENT BAR SHALL BE 2".
7. EXISTING GROUND LINE IS APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
8. FOR GEOTECHNICAL RECOMMENDATIONS, SEE "GEOTECHNICAL REPORT, EASTRAIL TO NE SPRING BLVD. TRAIL LINK", DATED JANUARY 6, 2023.
9. UNLESS NOTED OTHERWISE, MINIMUM LAP SPLICE LENGTHS SHALL BE CLASS B WITH LENGTHS AS FOLLOWS:

	TOP BARS	OTHER		TOP BARS	OTHER
#4 BAR	2'-1"	2'-0"	▽ #4 BAR	2'-0"	2'-3"

ALL LAP SPLICES SHALL BE STAGGERED. TOP BARS ARE HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THEM.

Wall 3

Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
L1		24.60	S73° 45' 07"E	0+00.00	0+24.60
C1	6.00	5.91	N78° 03' 04"E	0+24.60	0+30.51
L2		8.38	N49° 51' 15"E	0+30.51	0+38.89
C2	10.00	3.88	N38° 45' 10"E	0+38.89	0+42.76
L3		27.55	N27° 39' 05"E	0+42.76	0+70.31

WALL 3 ALIGNMENT DATA

Wall 4

Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
L1		24.60	S73° 45' 08"E	0+00.00	0+24.60
C1	14.00	13.78	N78° 03' 04"E	0+24.60	0+38.38
L2		8.38	N49° 51' 15"E	0+38.38	0+46.76
C2	18.00	6.98	N38° 45' 10"E	0+46.76	0+53.73
L3		27.68	N27° 39' 05"E	0+53.73	0+81.42

WALL 4 ALIGNMENT DATA

SCALE IN FEET
10 0 5 10 20

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

NO.	DATE	BY	APPR.	REVISIONS

P. BARUWAL — DESIGNED BY — 01/24 DATE
D. ALTENBURG — DRAWN BY — 01/24 DATE
J. WARREN — CHECKED BY — DATE

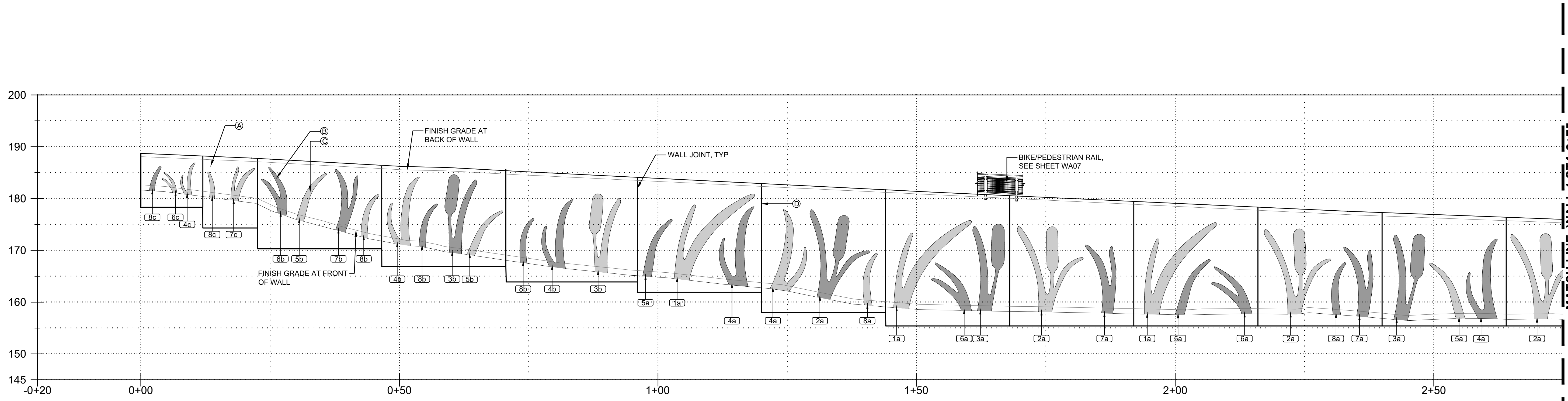
City of Bellevue
Transportation Department

JOSHUA D. WARREN — STATE OF WASHINGTON — 58156 — PROFESSIONAL ENGINEER
1/22/24

EASTRAIL TO NE SPRING BLVD TRAIL LINK

WALL PLAN

WA01 — SHT 16 OF 40



WALL 1 ARCHITECTURAL FINISH ELEVATION (1 OF 2)

HORIZONTAL SCALE IN FEET 10 0 5 10 20

VERTICAL SCALE IN FEET 10 0 5 10 20

WALL ARCHITECTURAL FINISH NOTES

Ⓐ ARCHITECTURAL SHOTCRETE FINISH, TYP; SMOOTH TROWEL FINISH WITH PIGMENTED SEALER; COLOR: WASHINGTON GREY; SEE SECTION 6-18.3(1) OF SPECS.

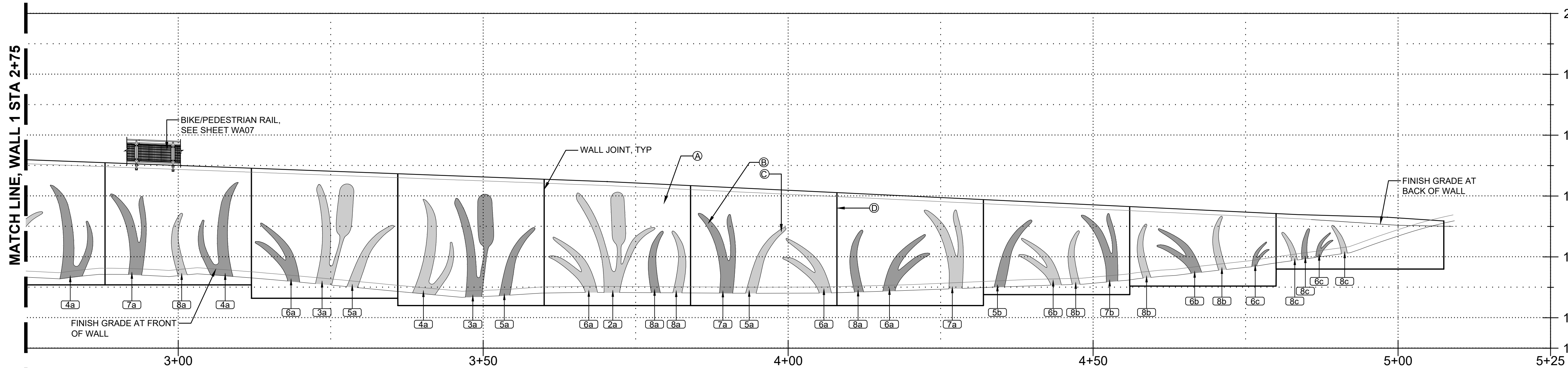
Ⓑ 1-1/2" DEEP RECESSED PATTERN, TYP; SMOOTH TROWEL FINISH. APPLY THE PIGMENTED SEALER UNDERNEATH THE 100% ACRYLIC EXTERIOR COATING; COLOR: DARK GREEN; SEE SPEC SECTION 6-02.3(14)C.

Ⓒ 1-1/2" DEEP RECESSED PATTERN, TYP; SMOOTH TROWEL FINISH. APPLY THE PIGMENTED SEALER UNDERNEATH THE 100% ACRYLIC EXTERIOR COATING; COLOR: DARK BROWN; SEE SPEC SECTION 6-02.3(14)C.

Ⓓ PROVIDE A TOOLED JOINT IN THE ARCHITECTURAL SHOTCRETE FINISH AT ALL WALL JOINT LOCATIONS, TYP; FULL DEPTH OF SHOTCRETE, SEE STRUCTURAL FOR WALL JOINT DETAILS AND LOCATIONS.

WALL FINISH GENERAL NOTES

1. APPLY PIGMENTED SEALER TO ALL EXPOSED WALL SURFACES. EXTEND PIGMENTED SEALER TO MIN 12" BELOW FINISH GRADES AT THE FACE OF THE WALL. APPLY 100% ACRYLIC EXTERIOR COATING WITHIN THE RECESSED PATTERN AREAS.
2. DIGITAL FILES OF RECESSED PATTERNS AVAILABLE TO THE SUCCESSFUL BIDDER UPON REQUEST.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL PATTERNS AND COMPLETE LAYOUT OF PATTERNS ON WALL FOR ENGINEER'S REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
4. DETAILS ON SHEETS WA09 AND WA10 COMMUNICATE DESIGN INTENT FOR WALL ARCHITECTURAL FINISH ONLY. SEE SHEET WA05 FOR GEOSYNTHETIC WALL DETAILS.



WALL 1 ARCHITECTURAL FINISH ELEVATION (2 OF 2)

HORIZONTAL SCALE IN FEET 10 0 5 10 20

VERTICAL SCALE IN FEET 10 0 5 10 20

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800 SEATTLE, WA 98121
206.682.3051 phone 206.682.3245 fax

NO.	DATE	BY	APPR.	REVISIONS

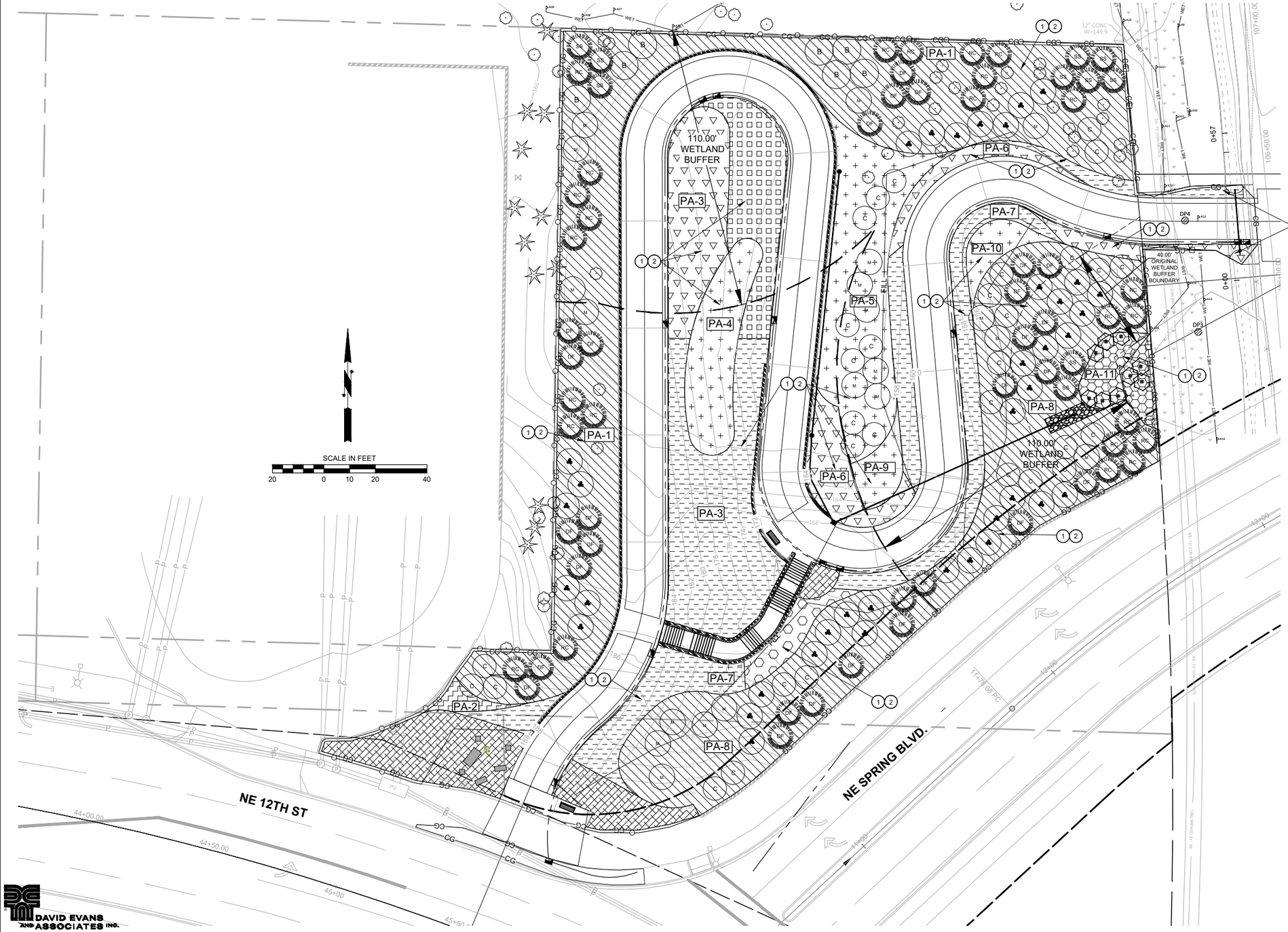
J. VONG	01/24
DESIGNED BY	DATE
S. ARORA	01/24
DRAWN BY	DATE
A. LUOMA	01/24
CHECKED BY	DATE

City of Bellevue
Transportation Department

EASTRAIL TO NE SPRING BLVD TRAIL LINK

WALL FINISH DETAILS

WA09 SHT 24 OF 40



LEGEND

(SEE PLANT SCHEDULE, SHEET LA03)

- SHRUBS, LARGE SHRUBS SMALL TREES, MAX 20' HT.
- WETLAND TREES AND SHRUBS
- MEDIUM SHRUBS, MAX 8' HT.
- GROUNDCOVERS AND PERENNIALS, MAX 3' HT.
- ORNAMENTAL PLANTING SEE SHEET LA06
- EXISTING WETLAND
- EXISTING PROPERTY BOUNDARY
- EXISTING WETLAND BOUNDARY
- EXISTING WETLAND BUFFER BOUNDARY
- EXISTING GRAVEL TRAIL
- EXISTING RIGHT OF WAY (ROW)
- EXISTING FENCE
- CONIFEROUS TREE
- DECIDUOUS TREE
- EXISTING TREES TO REMAIN

CONSTRUCTION NOTES

1. DECOMPACT SUBGRADE AND AMEND PLANTING SOIL PER SOIL PREPARATION DETAIL, SHEET LA03.
2. INSTALL UNIFORM 3" DEPTH MULCH.

GENERAL NOTES

1. INSTALL TREES, PER STANDARD DETAILS PK-IM-03A AND PK-IM-03B, CITY OF BELLEVUE ENVIRONMENTAL BEST MANAGEMENT PRACTICES AND DESIGN STANDARDS, 2020 (EXCEPT MULCH SHALL BE 3" DEPTH).
2. INSTALL SHRUBS, PER STANDARD DETAILS PK-IM-02A AND PK-IM-02B, CITY OF BELLEVUE ENVIRONMENTAL BEST MANAGEMENT PRACTICES AND DESIGN STANDARDS, 2020 (EXCEPT MULCH SHALL BE 3" DEPTH).
3. INSTALL GROUNDCOVER PLANTS, PER STANDARD DETAIL PK-IM-04, CITY OF BELLEVUE ENVIRONMENTAL BEST MANAGEMENT PRACTICES AND DESIGN STANDARDS, 2020 (EXCEPT MULCH SHALL BE 3" DEPTH).
4. SOIL AMENDMENT SHALL BE FINE COMPOST PER WSDOT STANDARD SPECIFICATION 9-14.5(8).
5. SEE SPECIAL PROVISIONS FOR MULCH.
6. SEE MITIGATION PLANTING SCHEDULES AND DETAILS, SHEET LA03.
7. A TOTAL OF 55 EXISTING TREES ARE BEING REMOVED AS A RESULT FROM DEVELOPMENT. CITY OF BELLEVUE CODE, TREE REPLACEMENT RATIO IS 2:1.
   REPLACEMENT TREE REQUIRED (55 X 2) = 110
   REPLACEMENT TREES PROVIDED = 165

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

NO.	DATE	BY	APPR.	REVISIONS

G. KING DESIGNED BY	12/23 DATE
G. KING DRAWN BY	12/23 DATE
J. GAGE CHECKED BY	12/23 DATE

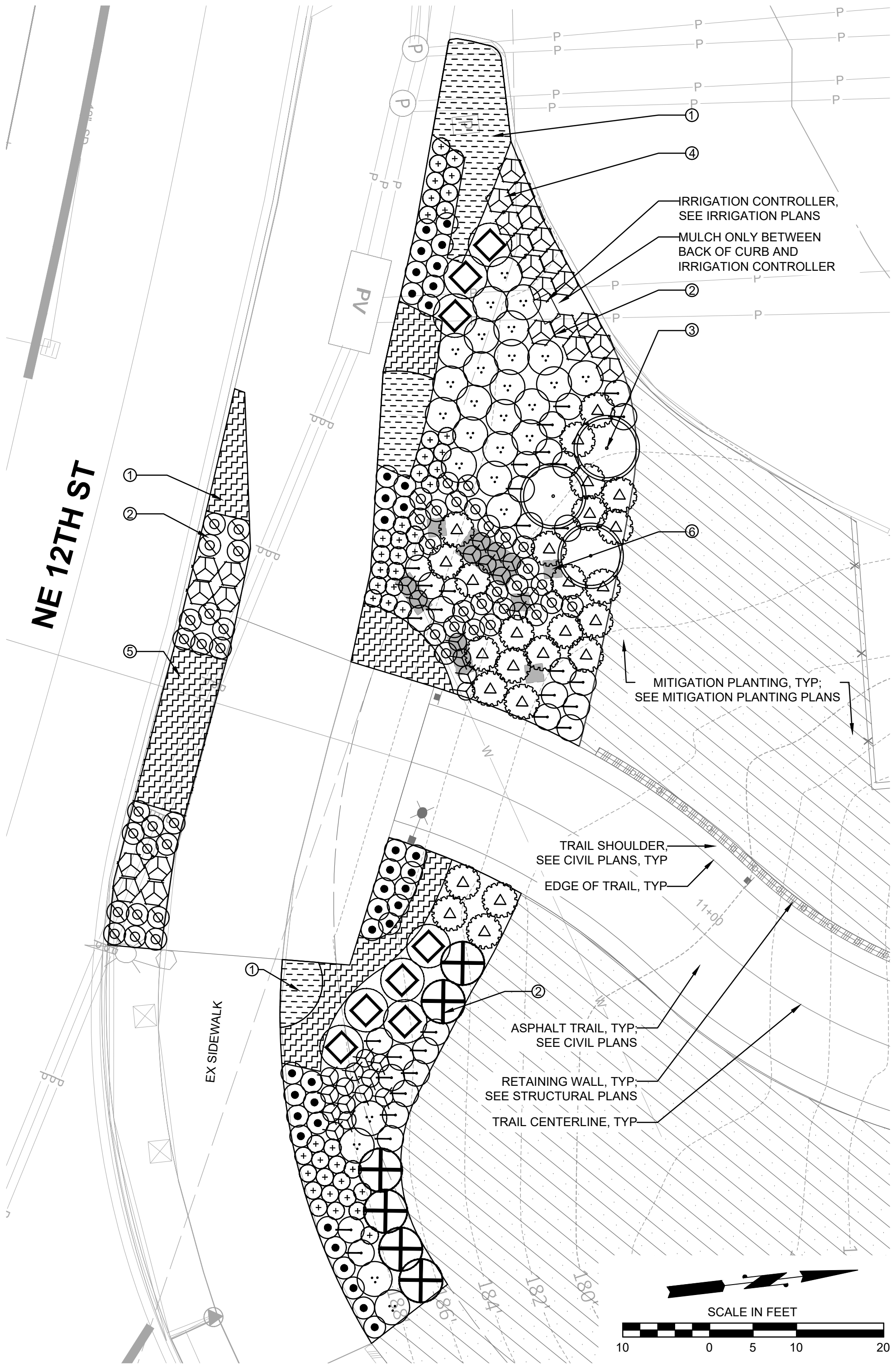
City of Bellevue
Transportation Department

STATE OF WASHINGTON — JONATHAN C. GAGE — No. 22992 EXP. 03/12/2024 — LANDSCAPE ARCHITECT
1/22/24

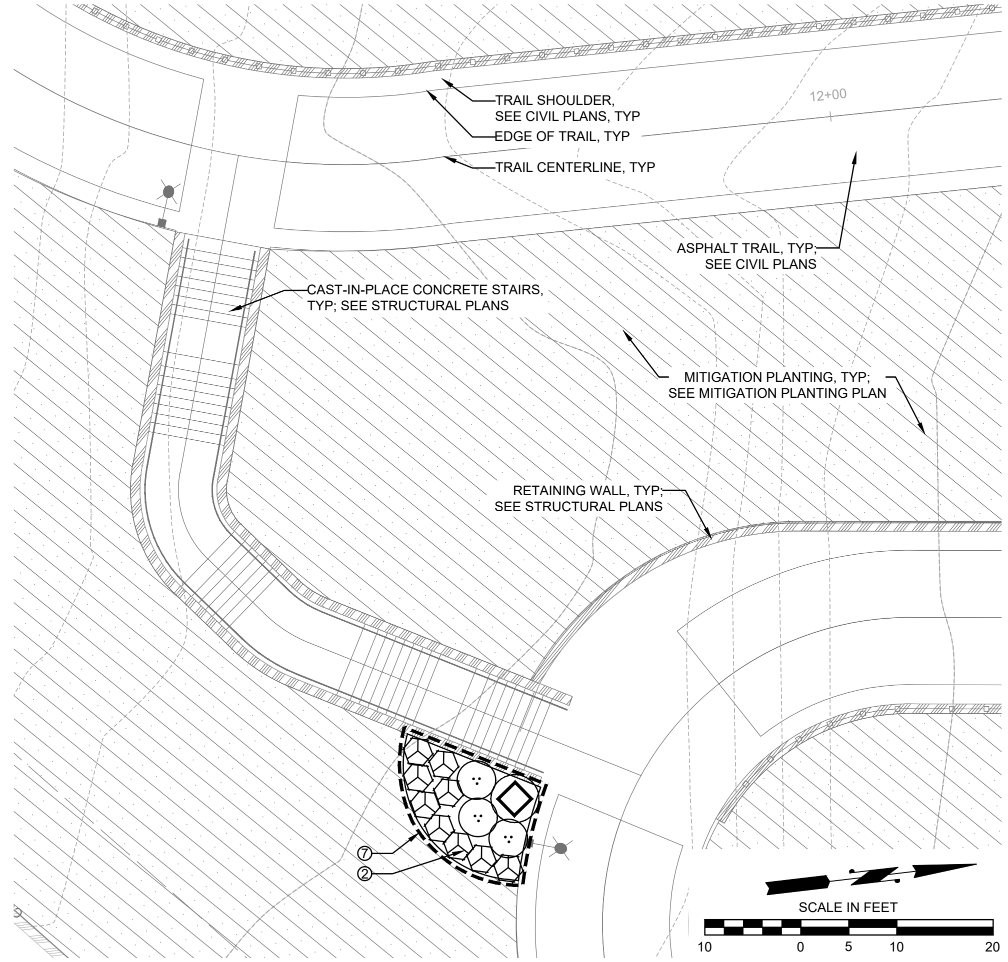
EASTRAIL TO NE SPRING BLVD TRAIL LINK

MITIGATION PLANTING PLAN

LA04 SHT 36 OF 40



ORNAMENTAL PLANTING PLAN - NE 12TH MIXING ZONE



ORNAMENTAL PLANTING PLAN - STAIR CONNECTION

ORNAMENTAL PLANTING GENERAL NOTES

1. SEE SHEET LA05 FOR ORNAMENTAL PLANTING SCHEDULE.
2. ALL PLANTS SHALL BE OFFSET A MINIMUM OF HALF THE SPECIFIED SPACING FROM CURBS, ASPHALT TRAIL, WALLS AND SIDEWALKS.

CONSTRUCTION NOTES:

① GROUNDCOVER PLANTING, TYP; SEE COB STD DETAIL PK-IM-04.
② SHRUB PLANTING, TYP; SEE COB STD DETAIL PK-IM-02A.
③ DECIDUOUS TREE PLANTING, TYP; SEE COB STD DETAIL PK-IM-03A.
④ SOIL PREPARATION FOR ALL ORNAMENTAL PLANTING AREAS AT BACK OF SIDEWALK, TYP; SEE DETAIL ON SHEET LA05.
⑤ SOIL PREPARATION FOR PLANTING STRIP BETWEEN CURB AND SIDEWALK; SEE COB STD DETAIL SW-130-1, EXCEPT MULCH SHALL BE 3" DEPTH; CONTRACTOR TO ACCOUNT FOR ADDITIONAL MULCH NEEDED.
⑥ SOIL PREPARATION OVER ART FOUNDATIONS, TYP; SEE DETAILS ON SHEET LA05.
⑦ SOIL PREPARATION WITHIN THIS AREA SHALL BE NON-WETLAND RESTORATION AREA SOIL PREPARATION, SEE DETAIL ON SHEET LA03.

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STATE OF WASHINGTON — LICENSED LANDSCAPE ARCHITECT — EXP. 03/2025

EASTRAIL TO NE SPRING BLVD TRAIL LINK

ORNAMENTAL PLANTING PLANS