



Pierce County
Planning & Public Works

2702 South 42nd Street, Suite 109
Tacoma, Washington 98409-7315
piercescountywa.gov/ppw

Jen Tetatzin, PE, PMP — Director

September 23, 2022

Kathy Hunter, Director of Transportation Safety
Transportation Safety Washington Utilities and Transportation Commission
1300 South Evergreen Park Drive SW
PO Box 47250
Olympia, WA 98504-7250

Received
Records Management
11/10/22 16:01
State Of WASH.
UTIL. AND TRANSP.
COMMISSION

Subject: **Petition for 192 Street East Construct Grade Separation 2022-0614**

Dear Ms. Hunter:

Please find attached a completed Petition form requesting a construct grade separation with an existing rail line located on 192 Street East in Pierce County. The existing rail line is owned by Tacoma Rail. Contact information for the rail company has been provide on the Petition.

If you have any questions or concerns regarding the enclosed Petition, please contact Brian A. Churchill, P.E. at (253) 798-2259 or me at (253) 798-2159.

Sincerely,

Melissa McFadden

Digitally signed by Melissa
McFadden
Date: 2022.09.29 12:55:19 -07'00'

Melissa McFadden, P.E.
County Engineer

BAC
Enclosure

cc: Jeff Kidston, Pierce County Planning and Public Works
Steve Winter, Pierce County Planning and Public Works
Traffic File



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Pierce County

Petitioner,

vs.

Tacoma Rail

Respondent

DOCKET NO. TR- _____

PETITION TO CONSTRUCT OR RECONSTRUCT A RAILROAD-HIGHWAY GRADE SEPARATION (OVERCROSSING OR UNDERCROSSING)

USDOT CROSSING NO.: 932-825F

The Petitioner asks the Washington Utilities and Transportation Commission (UTC) to approve

Construction Reconstruction

of a railroad-highway grade separation (overcrossing or undercrossing¹) as described in this petition. [RCW 81.53.060](#).

Section 1 – Petitioner’s Information

Pierce County	
Petitioner	
Melissa McFadden	Digitally signed by Melissa McFadden Date: 2022.09.29 12:58:49 -07'00'
Signature	
2702 South 42nd Street, Suite 109	
Street Address	
Tacoma, WA 98409	
City, State and Zip Code	
Mailing Address, if different than the street address	
Melissa McFadden, P.E.	
Contact Person Name	
253-798-2159 melissa.mcfadden@piercecountywa.gov	
Contact Phone Number and Email	

¹ An overcrossing means any point or place where a highway crosses a railroad by passing above the same, or any point or place where one railroad crosses another railroad not at grade. An undercrossing means any point or place where a highway crosses a railroad by passing under the same, or any point or place where one railroad crosses another not at grade. *RCW 81.53.010*

Section 2 – Respondent's Information

Tacoma Rail

Respondent

2601 SR 509 North Frontage Road

Street Address

Tacoma, WA 98421

City, State and Zip Code

Mailing Address, if different than the street address

Kyle Kellem

Contact Person Name

253-377-3554 kkellem@cityoftacoma.org

Contact Phone Number and Email

Section 3 – Proposed Crossing Location

1. Name of highway/roadway: **192nd Street East**

2. USDOT number (reconstruction only): **932-825F**

3. GPS location: **W122deg, 21', 01.13", N47deg, 04', 55.18"**

4. Railroad mile post (nearest tenth): **MP 14.02M**

5. City: **Unincorporated - Frederickson community** County: **Pierce County**

Section 4 – Current Highway Traffic Information

1. Name of highway: **not a highway, 192nd St E**

2. Road authority: **Pierce County**

3. Average annual daily traffic (AADT): **6,900 daily trips on the PM peak hour**

4. Number of lanes: **3**

5. Roadway speed: **Design speed 40 mph, 35 mph posted (TBD)**

6. Is the crossing part of an established truck route? Yes No

7. If so, trucks are what percent of total daily traffic? **12%**

8. Is the crossing part of an established school bus route? Yes No

9. If so, how many school buses travel over the crossing each day? **N/A**

Section 5 – Railroad Information

1. Name of railroad(s) operating at crossing: **Tacoma Rail**

2. Type of railroad at crossing: Common Carrier Logging Industrial
 Passenger Excursion

5. Type of tracks at crossing: Main Line Siding or Spur

6. Number of tracks at crossing: **1**

7. Average daily train traffic, freight: **2**

 Authorized freight train speed: **10 MPH** Operated freight train speed: **10 MPH**

8. Average daily train traffic, passenger: **N/A**

 Authorized passenger train speed: **N/A** Operated passenger train speed: **N/A**

Section 6 – Description of Crossing Construction/Reconstruction

1. Describe in detail the public safety need and reasons for constructing or reconstructing a grade separation at this location (attach additional information sheets to petition as needed):

The project is proposing to connect 192nd Street East (a Pierce County public road) across the development for the following reasons: to provide access to four proposed future buildings, to provide a secondary access to Boeing (secondary access relocated from 176th/ 63rd Ave to 192nd Street E), and to provide access from east to west across the development. Currently, 192nd Street East does not connect between Canyon Road E and 70th Ave E. The extension of 192nd Street E through the site is a required traffic mitigation measure (required by Pierce County) to receive occupancy of future buildings. A secondary access to Boeing is required as part of the land purchase agreement. The developer will construct the extension of 192nd Street E to Pierce County public roadway standards. A separated-grade crossing is proposed to improve public safety and pedestrian access (versus an at-grade crossing). It also minimizes off-site grading impacts to the adjacent properties and provides for a flatter roadway slope for truck and passenger vehicle traffic.

2. How far is the nearest alternate access across the tracks from the crossing?

The northern alternate access across the tracks is approximately 0.80 acres north at Canyon Road East between the intersections of 184th St E and Frederickson Industrial Park Road. The southern alternate access across the tracks is approximately 0.85 acres south at 204th Street E and Knoble Road E. Both of these existing crossings are at-grade.

3. Describe the alternate access route, including distance and driving time:

Currently, 192nd Street East does not connect between Canyon Road E and 70th Ave E. The project is proposing to construct 192nd Street East across the development to provide access from east to west. This extension of 192nd Street East cuts down travel distance and driving time. There are two alternative routes that have been studied: coming from the north and coming from the south. The north route would take 176th Street E (heading east) to 78th Ave E (heading south) to get to the east side of the development. The south route would take 78th Ave E (heading north) to 204th Street E (heading west), at the at-grade rail crossing to get to the west side of the development. The proposed crossing would reduce the north route by 1.9 miles and the south route by 1.2 miles, for a reduction of approximately 3-5 minutes per route.

4. If new construction, will the proposed crossing eliminate the need for one or more existing crossings?

Yes No N/A

5. If so, identify the crossing(s) by USDOT number and state the distance and direction from the proposed crossing.

N/A

6. If the grade separation is replacing an existing at-grade crossing, describe what will happen with the existing crossing during construction of the grade separation, as well as what will happen with the crossing surface, signage, and signal equipment once the grade separation is complete.

N/A

7. Who is responsible for long-term maintenance of the grade separation?

Rail bridge and abutments - Tacoma Rail

Roadway below bridge including abutment graffiti - Pierce County

Section 7 – Illustration of Grade Separated Crossing

Attach a diagram, design drawing, map, or other illustration showing the location of the railroad and the proposed/existing location of the crossing. Include the parcels of private property located on both sides of the proposed crossing for a distance of 500' from the crossing and the name and mailing address of each property owner.

If this is a reconstruction, include design-level drawings of the proposed changes to the existing grade separation.

Section 8 – Cost Apportionment

If the commission approves the construction or reconstruction of the grade separated crossing requested in this petition, it will apportion costs in accordance with the applicable statutes. (RCW 81.53.130).

In the alternative, if the parties to this petition have reached an agreement related to apportionment of costs, please sign here to confirm:

Petitioner Signature: _____ Respondent Signature: _____

Section 9 – Waiver of Hearing by Respondent

Waiver of Hearing

The undersigned represents the Respondent in this petition to construct or reconstruct a highway-rail grade separation.

We have investigated the conditions at the crossing. We are satisfied the conditions are the same as described by the Petitioner in this docket. We do not oppose the construction or reconstruction of the grade-separated crossing and consent to a decision by the commission without a hearing.

Dated at , Washington, on the 10 day of .

Printed name of Respondent



Signature of Respondent's Representative

Title

Phone Number

Email

Mailing Address

Checklist prior to submitting petition:

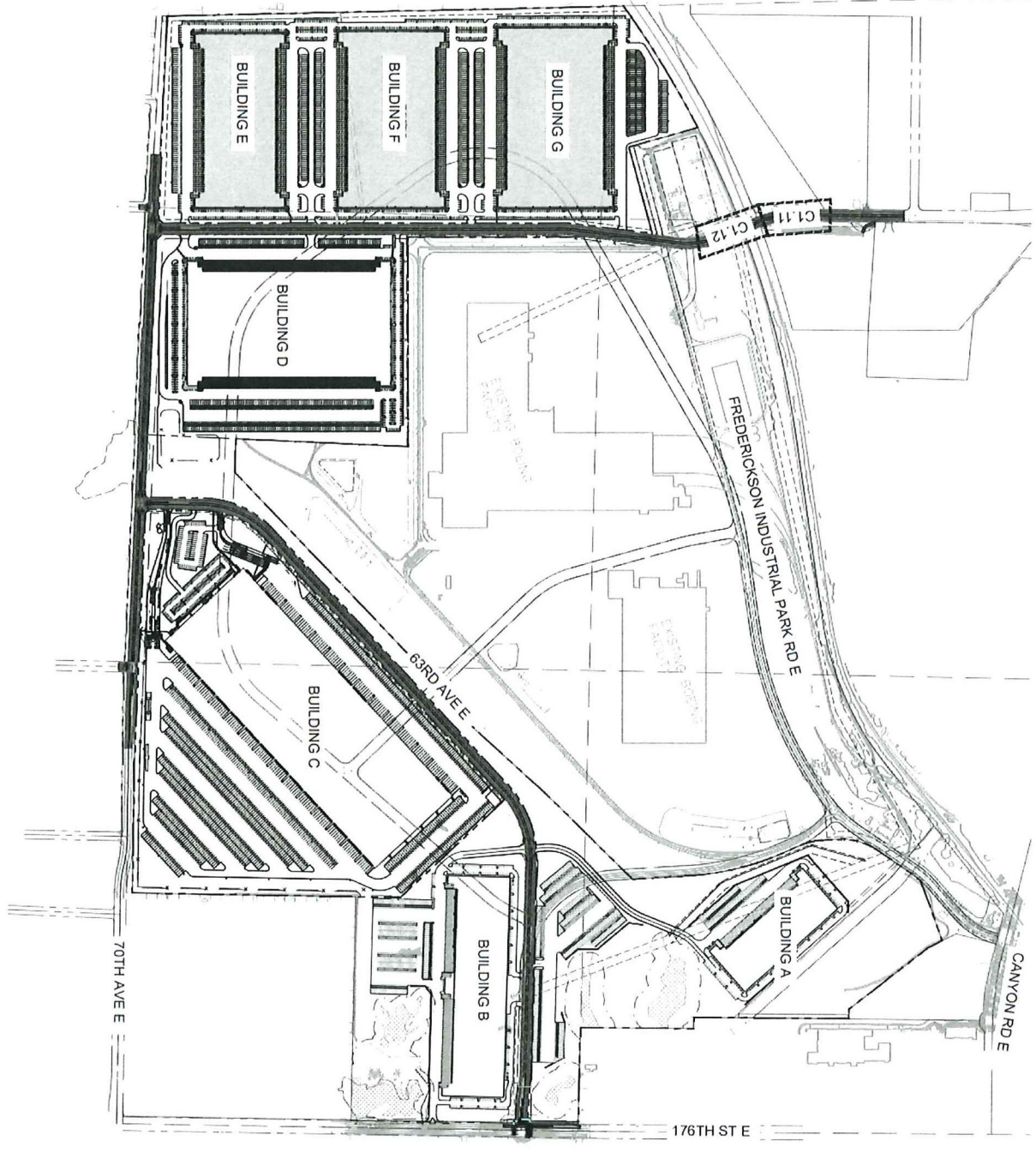
- ✓ Ensure all petition fields are completed.
- ✓ Ensure parties sign Section 8 regarding any Cost Apportionment agreement, if applicable.
- ✓ Obtain signature on Waiver of Hearing (Section 9). *If respondent fails to sign Waiver, advise UTC staff upon submission.*
- ✓ Attach copies of:
 - Illustration of crossing (described in Section 7).
 - Any other relevant documents to support the petition, including but not limited to support of public need, project information, etc.

Submitting the petition: To officially file the petition, send the petition form and supporting documents to records@utc.wa.gov.

Questions: For questions, please contact:

<p>Mike Turcott Transportation Planning Specialist mike.turcott@utc.wa.gov (360) 764-0572</p>	<p>Betty Young Rail Safety Program Advisor betty.young@utc.wa.gov (360) 292-5470</p>
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LEGEND

—	EXISTING ASPHALT
- - -	EXISTING WATER LINE
- - -	EXISTING STORM PIPE
- - -	EXISTING SANITARY PIPE
- - -	PROPERTY LINE
- - -	PROPOSED WATER AND STORM PIPE
- - -	PROPOSED STORM STRUCTURES
- - -	PROPOSED ROADWAY LIGHTING
- - -	LANDSCAPE SETBACK
- - -	PROPOSED ASPHALT ROADWAY
- - -	PROPOSED CONCRETE SIDEWALK

PLAN & PROFILE NOTES

1. ALL COPIES OF THIS PLAN AND PROFILE SHALL BE IDENTICAL UNLESS OTHERWISE NOTED.

2. ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF.

3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

6. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

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TACOMA FRED310, L.P.
 PIERCE COUNTY WASHINGTON

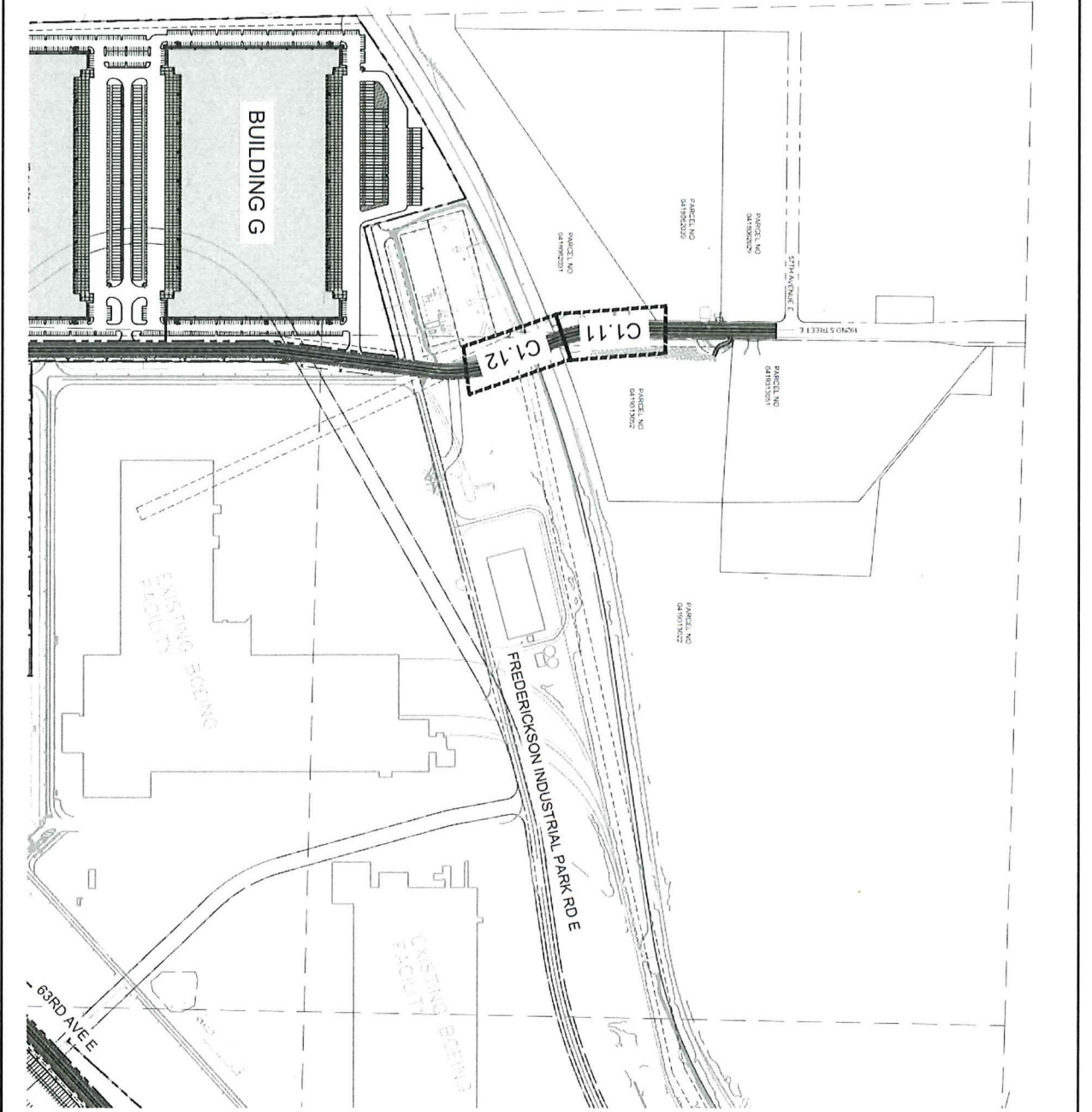
**OVERALL
ROADWAY PLAN**

KHA PROJECT
 090036000
 DATE
 06/14/22
 SCALE AS SHOWN
 DESIGNED BY CRM
 DRAWN BY KB
 CHECKED BY CM

LICENSED PROFESSIONAL
 LIC PROF 1
 STATE LICENSE NUMBER
 LIC PROF 1 #
Kimley>Horn
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DRAMAIC NUMBER
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- LEGEND**
- EXISTING EASEMENT
 - EXISTING INTERIOR LINE
 - EXISTING STORM PIPE
 - EXISTING SANITARY PIPE
 - PROPERTY LINE
 - PROPOSED WETLAND STORM PIPE
 - PROPOSED STORM STRUCTURES
 - LANDSCAPE STRIP/LAND
 - PROPOSED ASPHALT ROADWAY
 - PROPOSED CONCRETE SIDEWALK

PLAN & PROFILE NOTES

1. THIS DRAWING IS FOR THE RAIL CROSSING AND IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE RAIL CROSSING IS SHOWN WITH A 12' CLEARANCE OVER THE ROADWAY. ALL PLAN & PROFILE SHEETS.

PUBLIC IMPROVEMENTS		PROJECT	
COUNTY	SHEET	PROJECT	DATE
PIERCE COUNTY	C1.00A	FRED310	06/14/22
<p>1. THE CLIENT'S RESPONSIBILITY IS TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES AND TO PROVIDE ALL NECESSARY INFORMATION TO THE ENGINEER. THE ENGINEER'S RESPONSIBILITY IS TO DESIGN AND CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DELAYS OR COSTS INCURRED BY THE CLIENT DUE TO LACK OF INFORMATION OR DELAYS IN OBTAINING PERMITS AND APPROVALS.</p>			

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192ND ST E
RAIL CROSSING

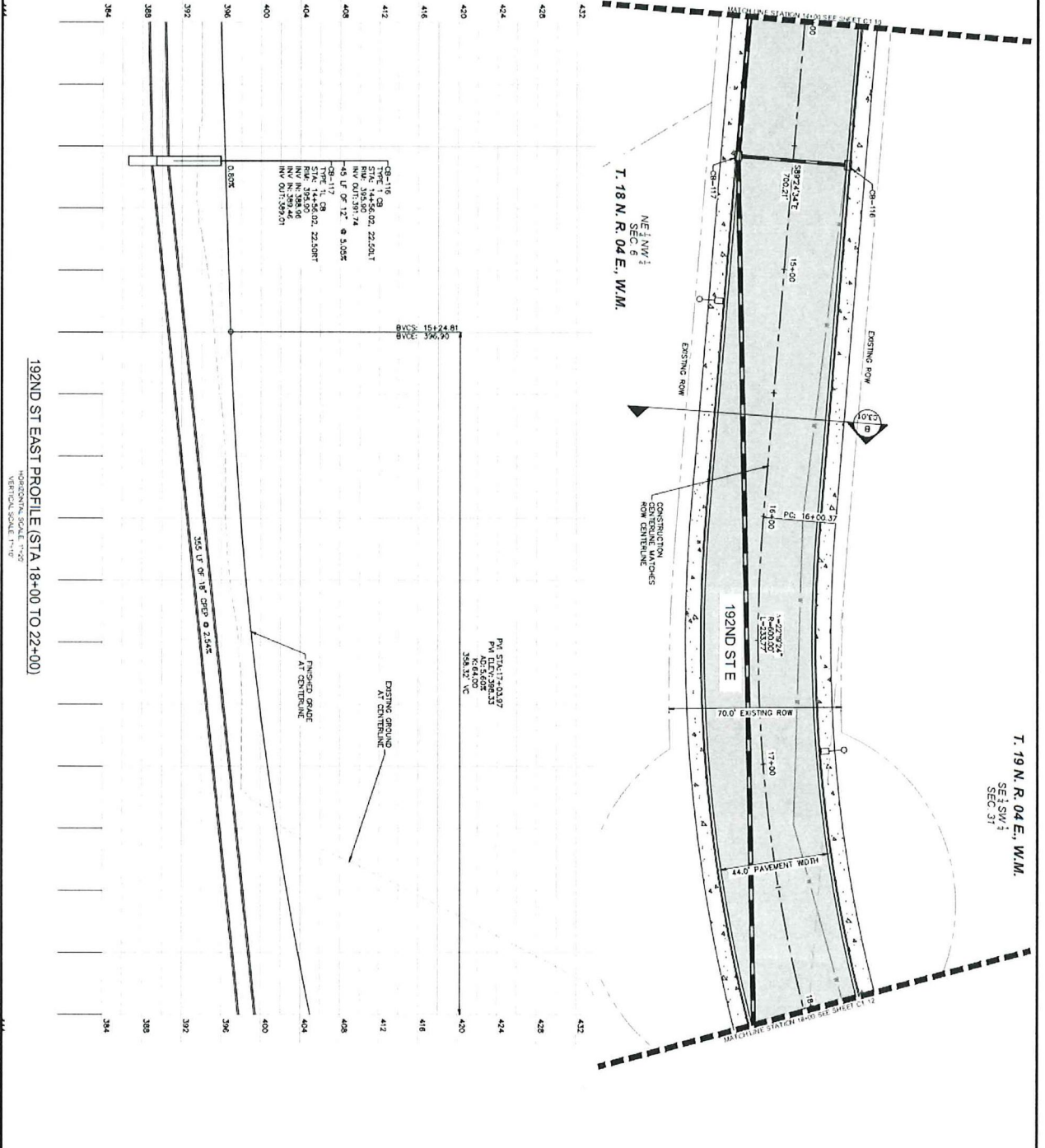
KHA PROJECT
 0900360000
 DATE
 06/14/22
 SCALE AS SHOWN
 DESIGNED BY CRM
 DRAWN BY KB
 CHECKED BY CM

LICENSED PROFESSIONAL
 LIC PROF 1
 STATE LICENSE NUMBER
 LIC PROF 1 #

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- EXISTING WATER LINE
- EXISTING STORM PIPE
- EXISTING SANITARY PIPE
- PROPERTY LINE
- PROPOSED WATER PIPE
- PROPOSED SANITARY PIPE
- PROPOSED STORM STRUCTURES
- LANDSCAPE SETBACK
- PROPOSED ASPHALT ROADWAY
- PROPOSED CONCRETE SIDEWALK

PUBLIC IMPROVEMENTS

DATE: _____

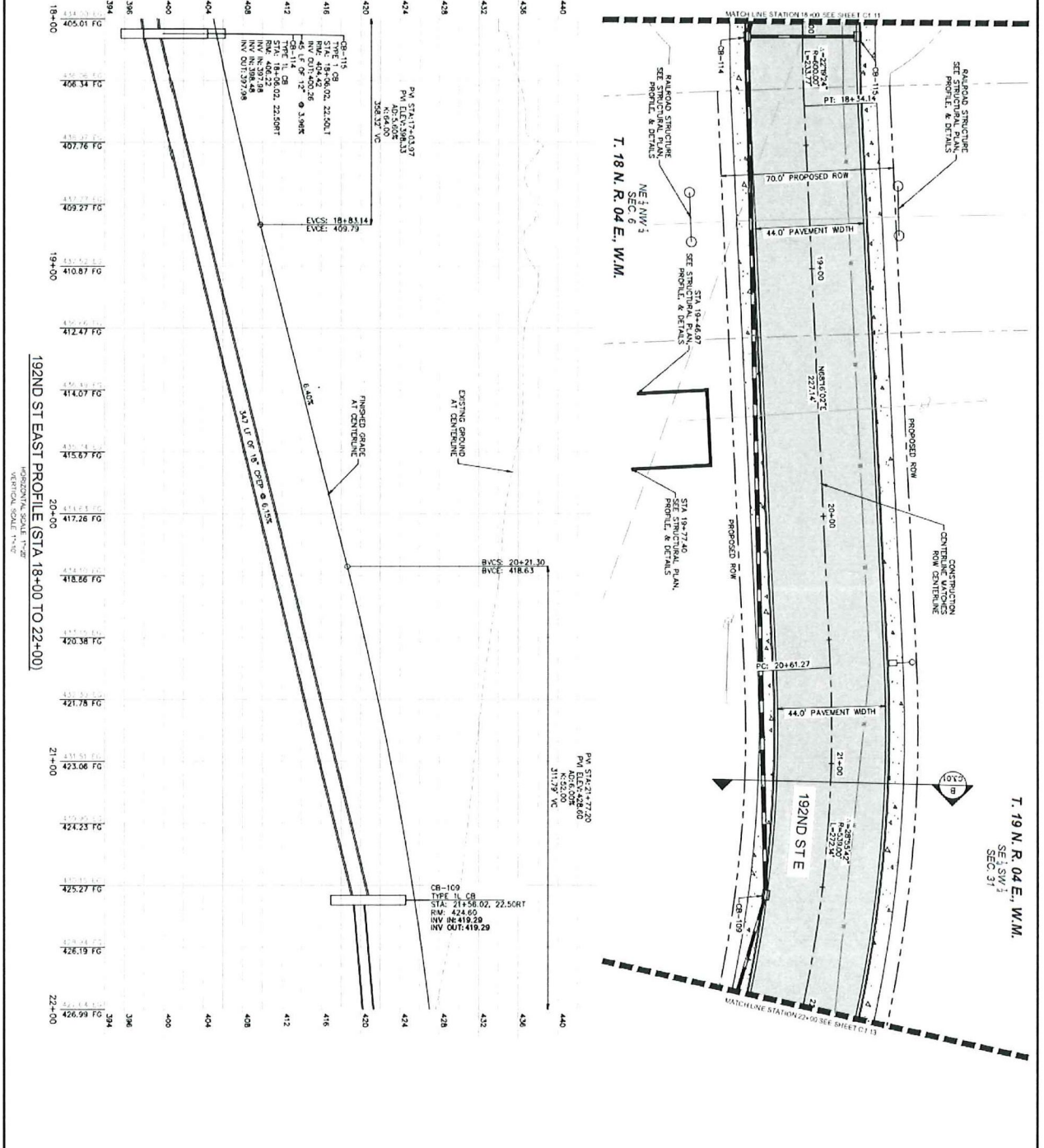
PROJECT: _____

SCALE: _____

DATE: _____

DRAWING NUMBER C1.11	FRED310 PREPARED FOR CH REALTY IX-JVI TACOMA FRED310, L.P. PIERCE COUNTY WASHINGTON	PLAN AND PROFILE 192ND ST E	KHA PROJECT 090036000 DATE 06/10/22 SCALE AS SHOWN DESIGNED BY CRM DRAWN BY KB CHECKED BY CM	LICENSED PROFESSIONAL LIC PROF 1 STATE LICENSE NUMBER LIC PROF 1 #	<p>© 2022 KIMLEY-HORN AND ASSOCIATES, INC. 1000 2ND AVENUE, SUITE 1800, SEATTLE, WA 98104 PHONE: 206-407-2600 WWW.KIMLEY-HORN.COM</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	REVISIONS	DATE	BY				
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LEGEND

- EXISTING EXHIBENT
- EXISTING WATER LINE
- EXISTING STORM PIPE
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER PIPE
- PROPOSED STORM PIPE
- PROPOSED ROADWAY STRUCTURES
- LANDSCAPE RETRAIL
- PROPOSED ASPHALT ROADWAY
- PROPOSED CONCRETE SIDEWALK

GRAPHIC SCALE IN FEET

0 10 20

VERTICAL SCALE 1"=2'

HORIZONTAL SCALE 1"=20'

PUBLIC IMPROVEMENTS

PROJECT NUMBER: _____

DATE: _____

SCALE: AS SHOWN

DRAWN BY: KB

CHECKED BY: CM

DATE: _____

STATE LICENSE NUMBER: _____

LIC PROF 1 # _____

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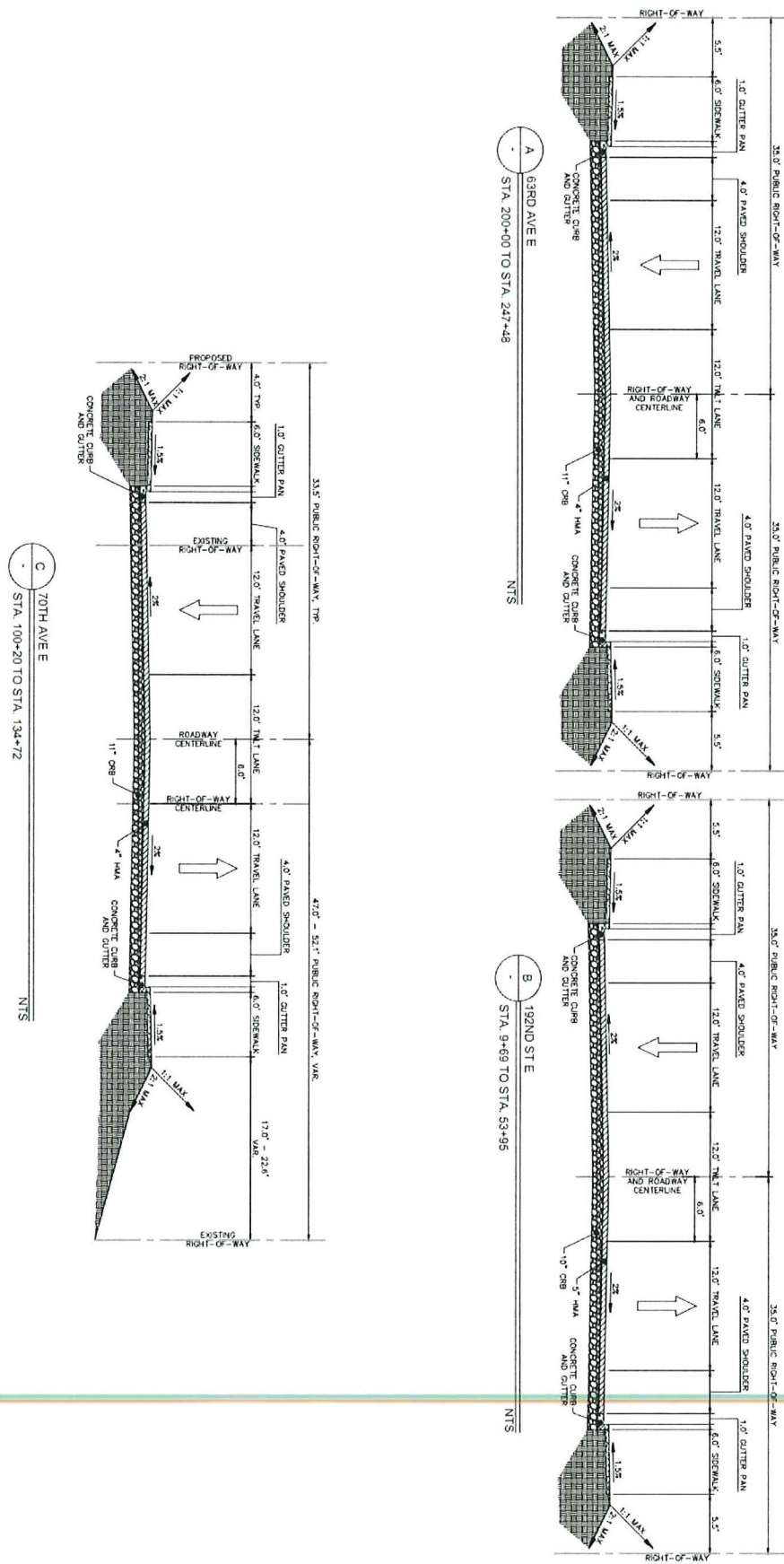
PLAN AND PROFILE
192ND ST E
39 of 93

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DATE
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SCALE AS SHOWN
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LICENSED PROFESSIONAL
LIC PROF 1
STATE LICENSE NUMBER
LIC PROF 1 #

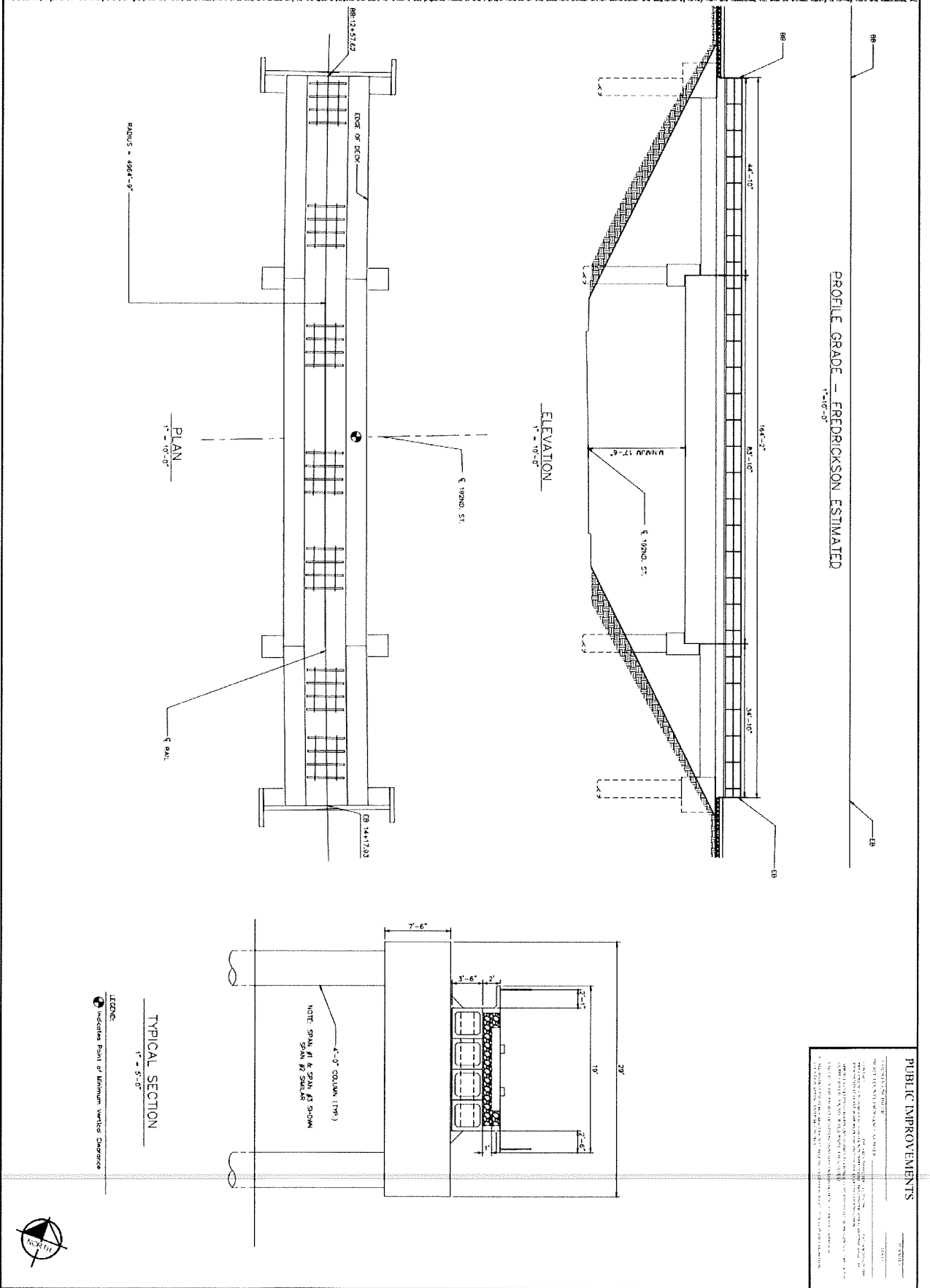
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PIERCE COUNTY	WASHINGTON
DATE	DATE
NO.	REVISIONS
	DATE
	BY

DRAWING NUMBER C301	FRED310 PREPARED FOR CH REALTY IX-JVI TACOMA FRED310, L.P.	ROADWAY SECTIONS	KHA PROJECT 090036000	LICENSING PROFESSIONAL	
				DATE 06/09/22	
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