



1510 – B Third Street
Tillamook, Oregon 97141
www.tillamookcounty.gov

Building (503) 842-3407
Planning (503) 842-3408
Sanitation (503) 842-3409
FAX (503) 842-1819
Toll Free 1(800) 488-8280

Land of Cheese, Trees and Ocean Breeze

Floodway Development Permit Request #851-24-000575-PLNG: Pacific City Airport

*NOTICE TO MORTGAGEE, LIENHOLDER, VENDOR OR SELLER:
ORS 215 REQUIRES THAT IF YOU RECEIVE THIS NOTICE,
IT MUST BE PROMPTLY FORWARDED TO THE PURCHASER*

NOTICE OF ADMINISTRATIVE REVIEW Date of Notice: August 15, 2025

Notice is hereby given that the Tillamook County Department of Community Development is considering the following:

#851-24-000575-PLNG: A Floodway Development Permit for improvements to the Pacific City Airport including new impervious pavement for aircraft apron extension, drainage repairs and infrastructure improvements, a new pilot pavilion and bike storage structure. Located east of the Nestucca River in the Unincorporated Community of Pacific City/Woods, the subject property is accessed at 6355 Pacific Avenue, a County road, is located within the regulatory floodway and zoned Pacific City/Woods Airpark (PCW-AP) and designated as Tax Lots 3500 and 3501 in Section 30BB, and Tax Lot 600 in Section 30, all located in Township 4 South, Range 10 West W.M., Tillamook County Oregon. The applicant is Jacilyn Hayden, PE. The owner of the property is the Oregon Department of Aviation (ODAV).

Written comments received by the Department of Community Development prior to 4:00 p.m. on August 29, 2025, will be considered in rendering a decision. Comments should address the standards upon which the Department must base its decision. A decision will be rendered no sooner than the next business day, September 2, 2025.

Notice of the application, a map of the subject area, and the applicable criteria are being mailed to all property owners within 250-feet of the exterior boundaries of the subject parcel for which an application has been made and other appropriate agencies at least 14-days prior to this Department rendering a decision on the request.

A copy of the application, along with a map of the request area and the applicable criteria for review are available for inspection at the Department of Community Development office located at 1510-B Third Street, Tillamook, Oregon 97141, or on the Tillamook County Department of Community Development website:
<https://www.co.tillamook.or.us/commdev/landuseapps>

If you have any questions about this application, please call the Department of Community Development at 503-842-3408. Comments can be emailed to Sarah Thompson, Office Specialist 2, at Sarah.thompson@tillamookcounty.gov.

Sincerely,


Melissa Jenck, CFM, Senior Planner
Sarah Absher, CFM, Director

Enc. Maps, Applicable Ordinance Standards

#851-24-000575-PLNG: Pacific City Airport

Applicable Ordinances & Development Standards

Tillamook County Land Use Ordinance (TCLUO)

<https://www.co.tillamook.or.us/gov/ComDev/planning/luo.htm>

- Section 3.510: Flood Hazard Overlay (FH)
- Section 4.140: Requirements for Protection of Water Quality and Streambank Stabilization

ARTICLE III – ZONE REGULATIONS

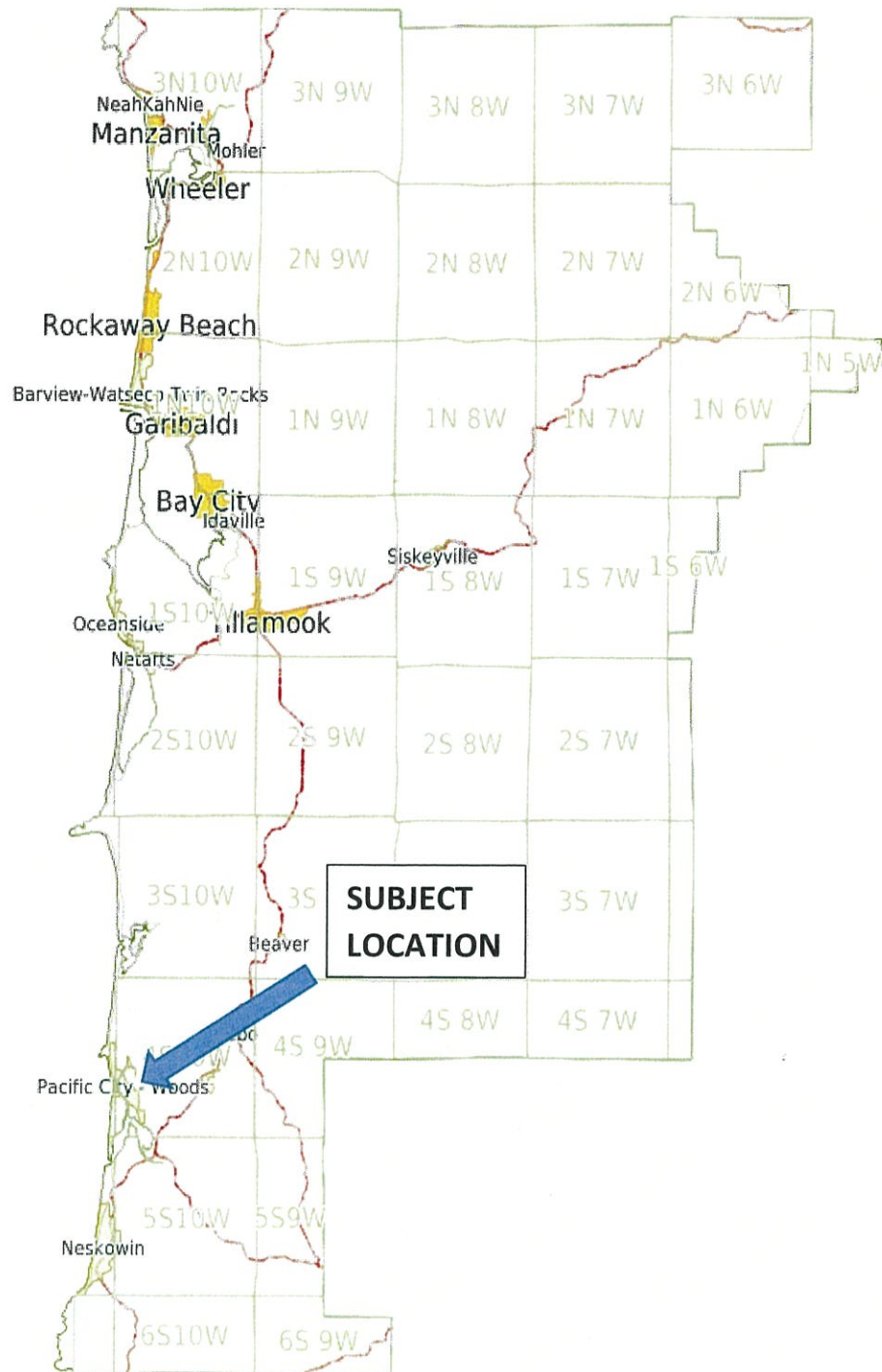
TCLUO SECTION 3.510: FLOOD HAZARD OVERLAY ZONE

- (1) The fill is not within a Coastal High Hazard Area.
- (2) Fill placed within the Regulatory Floodway shall not result in any increase in flood levels during the occurrence of the base flood discharge.
- (3) The fill is necessary for an approved use on the property.
- (4) The fill is the minimum amount necessary to achieve the approved use.
- (5) No feasible alternative upland locations exist on the property.
- (6) The fill does not impede or alter drainage or the flow of floodwaters.
- (7) If the proposal is for a new critical facility, no feasible alternative site is available.
- (8) For creation of new, and modification of, Flood Refuge Platforms, the following apply, in addition to (14)(a)(1-4) and (b)(1-5):
 - i. The fill is not within a floodway, wetland, riparian area or other sensitive area regulated by the Tillamook County Land Use Ordinance.
 - ii. The property is actively used for livestock and/or farm purposes,
 - iii. Maximum platform size = 10 sq ft of platform surface per acre of pasture in use, or 30 sq ft per animal, with a 10-ft wide buffer around the outside of the platform,
 - iv. Platform surface shall be at least 1 ft above base flood elevation,
 - v. Slope of fill shall be no steeper than 1.5 horizontal to 1 vertical,
 - vi. Slope shall be constructed and/or fenced in a manner so as to prevent and avoid erosion.

Conditions of approval may require that if the fill is found to not meet criterion (5), the fill shall be removed or, where reasonable and practical, appropriate mitigation measures shall be required of the property owner. Such measures shall be verified by a certified engineer or hydrologist that the mitigation measures will not result in a net rise in floodwaters and be in coordination with applicable state, federal and local agencies, including the Oregon Department of Fish and Wildlife.

EXHIBIT A

VICINITY MAP



#851-24-000575-PLNG: ODAV
PACIFIC CITY AIRPORT

THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

24 19
+
25 30

NW1/4 NW1/4 SEC.30 T.4S. R.10W. W.M.
TILLAMOOK COUNTY

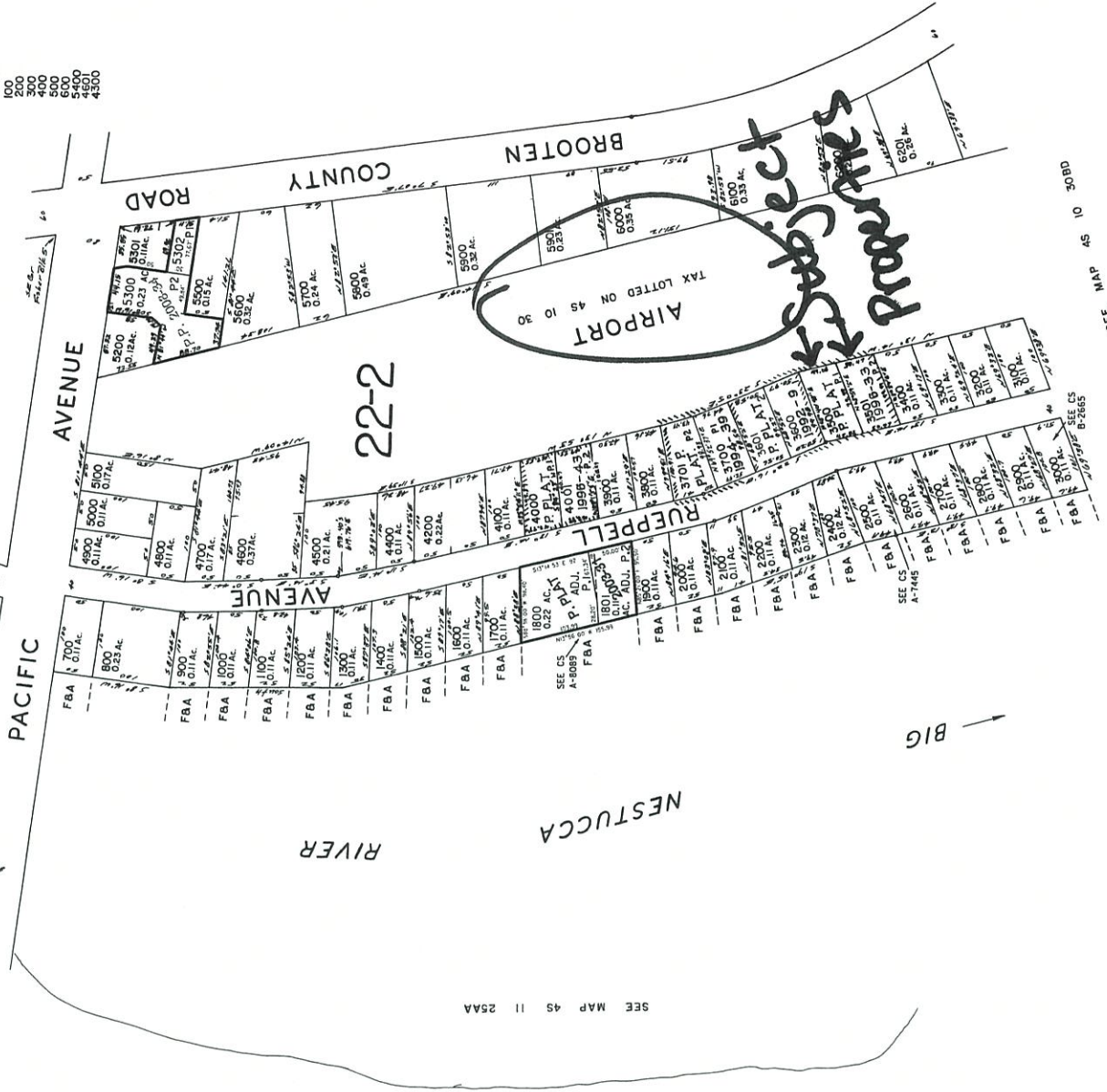
1" = 100'

4S 10 30BB
PACIFIC CITY

SEE MAP 4S 10 19CC

CANCELLED

100
200
300
400
500
600
700
800
900
1000



SEE MAP 4S 11 25AA

SEE MAP 4S 10 30BA

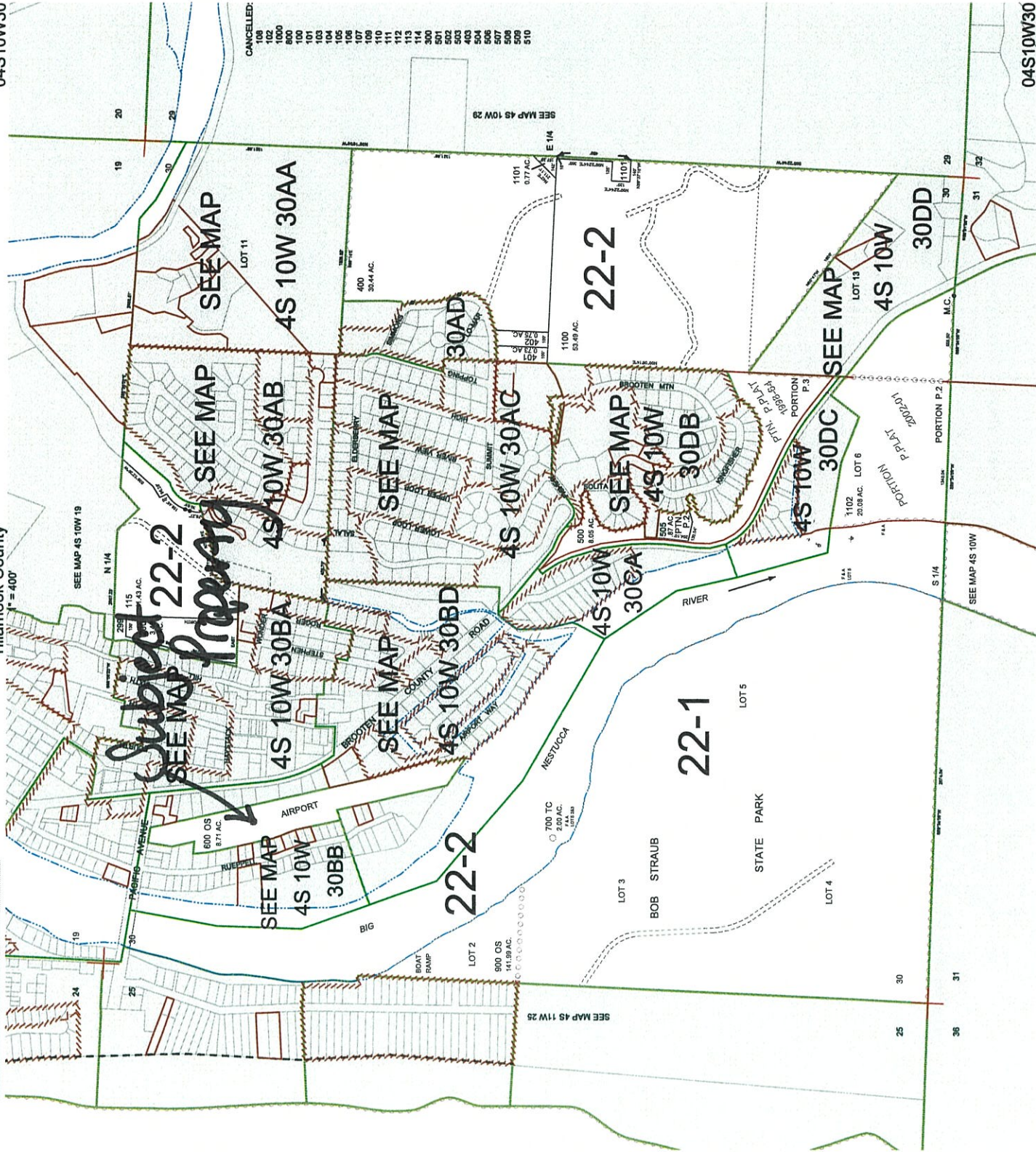
4S 10 30BB
PACIFIC CITY
REVISED 11/05/08, WS

SEE MAP 4S 10 30BD

FOR ASSESSMENT AND TAXATION ONLY, NOT SUITABLE FOR
LEGAL, ENGINEERING, OR SURVEY PURPOSES

SECTION 30 T.4S, R.10W, W.M.
Tillamook County

04S10W30



04S10W30
REVISED 6/16/17, WS

Map



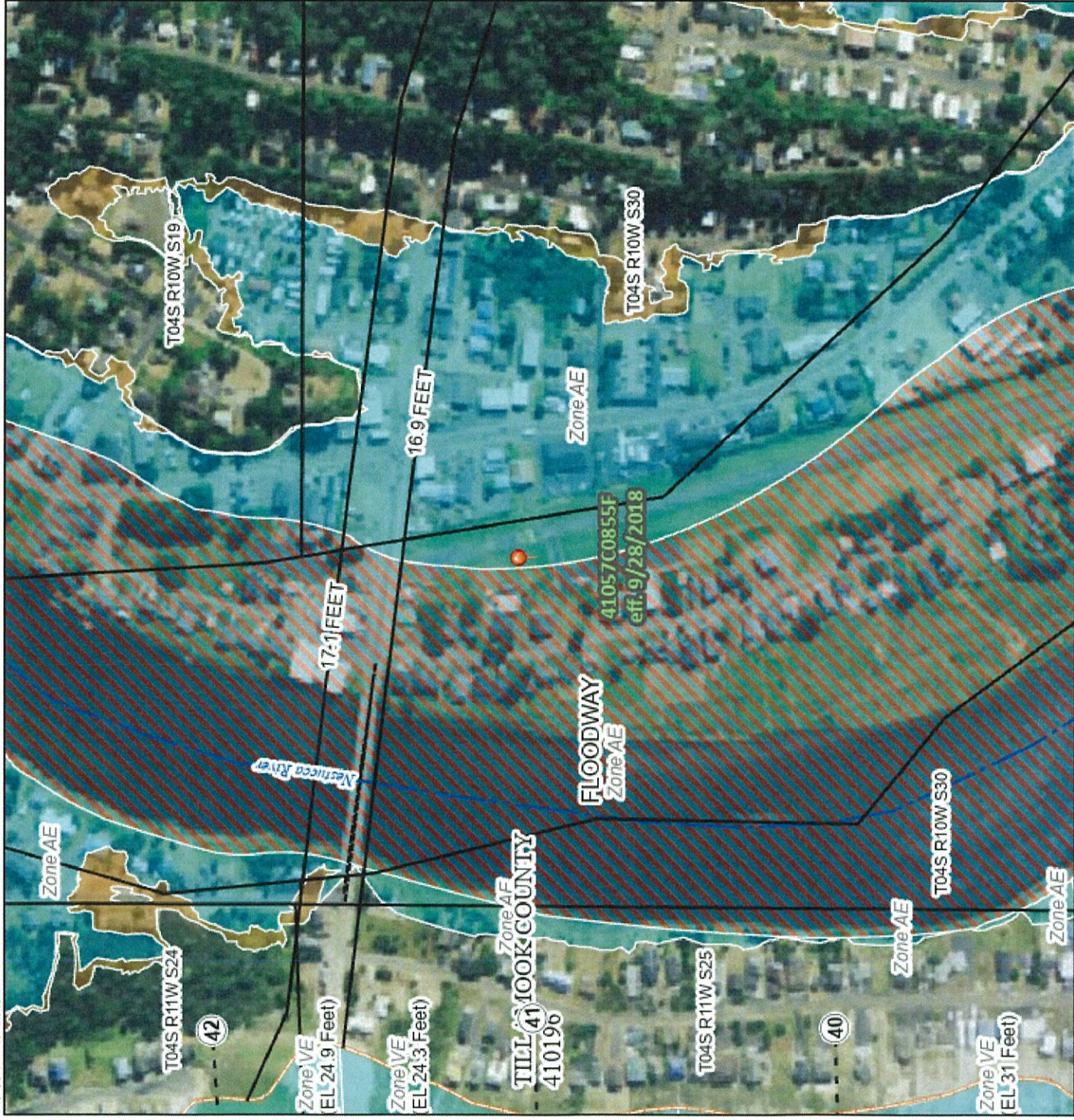
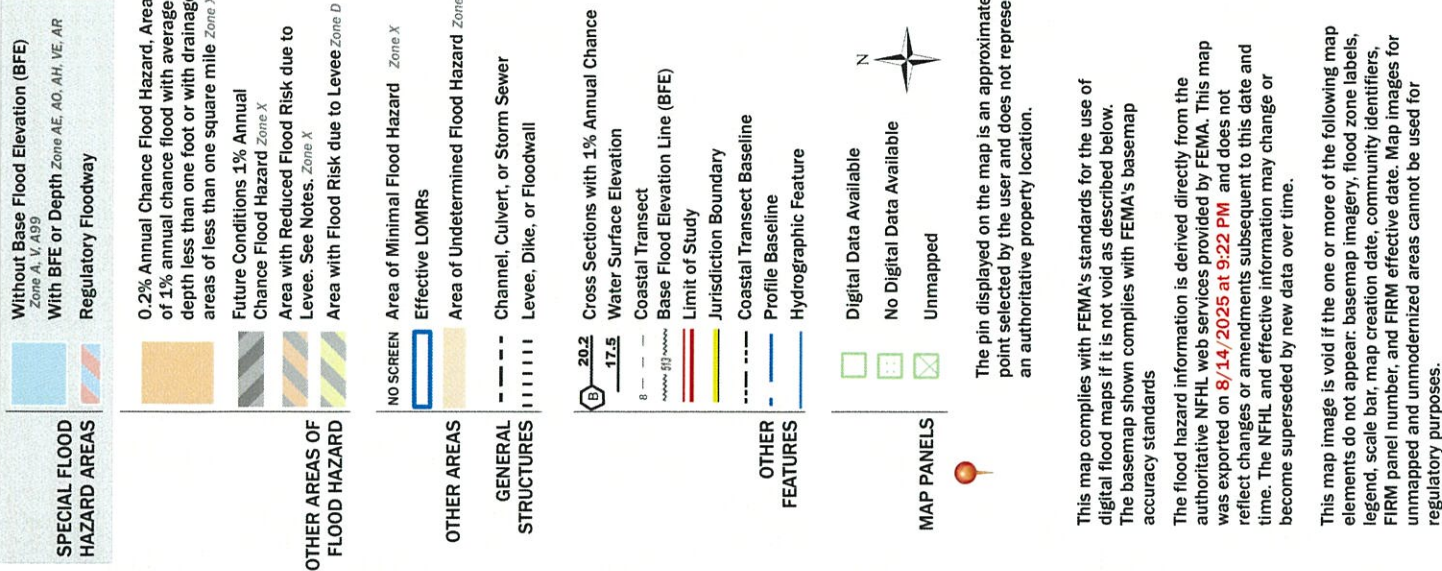
National Flood Hazard Layer FIRMette

123°58'4"W 45°12'16"N



Legend

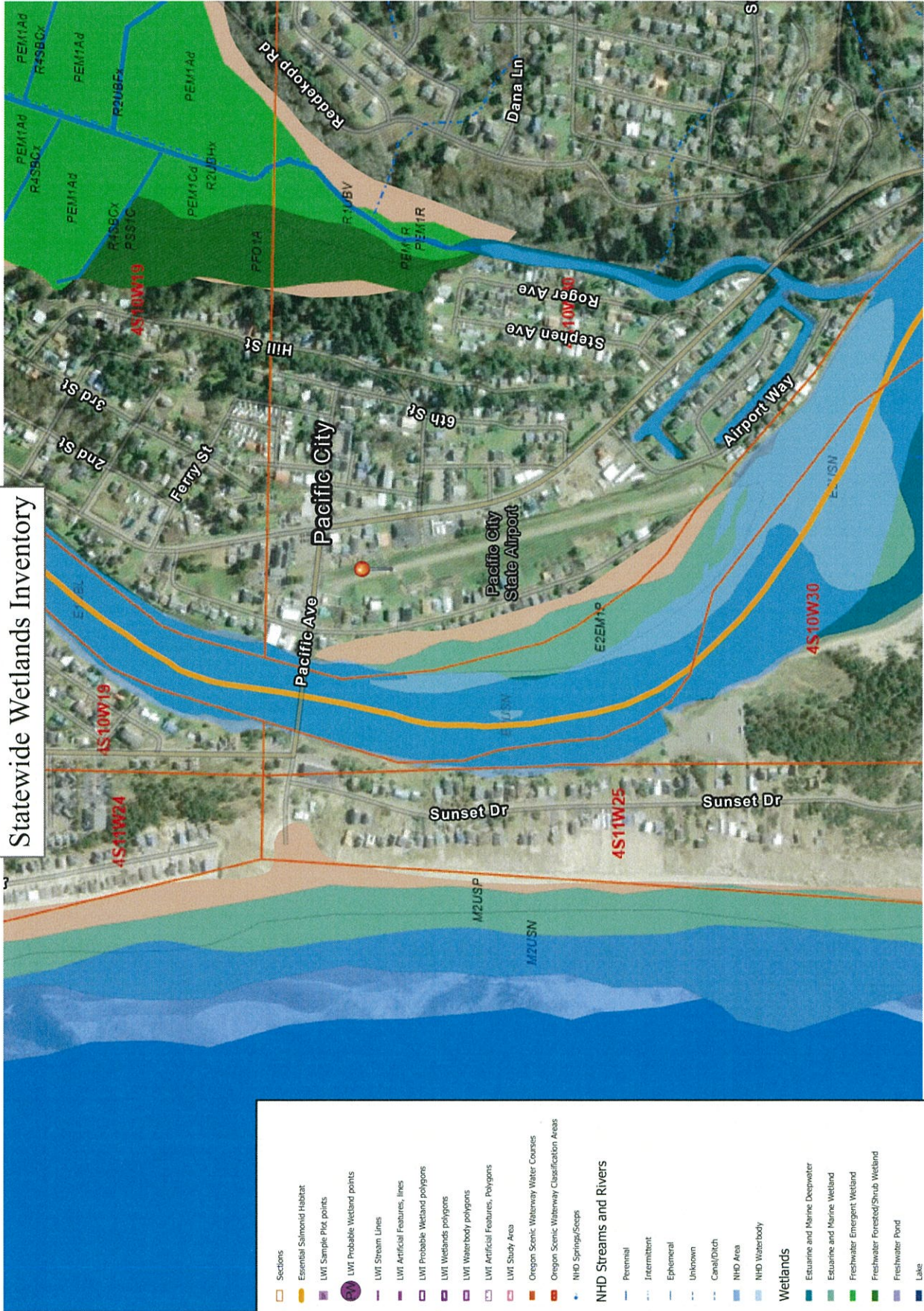
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



0 250 500 1,000 1,500 2,000 Feet 1:6,000

123°57'27\"/>

Statewide Wetlands Inventory



- Sections
- Essential Salmonid Habitat
- LWI Sample Plot points
- LWI Probable Wetland points
- LWI Stream Lines
- LWI Artificial Features, lines
- LWI Probable Wetland polygons
- LWI Wetlands polygons
- LWI Waterbody polygons
- LWI Artificial Features, Polygons
- LWI Study Area
- Oregon Scenic Waterway Water Courses
- Oregon Scenic Waterway Classification Areas
- NHD Springs/Scops
- NHD Streams and Rivers
- Perennial
- Intermittent
- Ephemeral
- Unknown
- Canal/Ditch
- NHD Area
- NHD Waterbody
- Wetlands
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- SWI Predominantly Hydric Soil Map Units
- SWI Aquatic-Wetland Soils

1:10,652
0 0.05 0.1 0.2 0.3 0.4
mi

The Statewide Wetlands Inventory (SWI) represents the best data available at the time this map was published and is updated as new data becomes available. In all cases, actual field conditions determine the presence, absence and boundaries of wetlands and waters (such as creeks and ponds). An on-site investigation by a wetland professional can verify actual field conditions.

Date: 8/14/2025



State of Oregon
Department of State Lands
775 Summer Street, NE, Ste 100
Salem, OR 97301-1279

Hazard Map

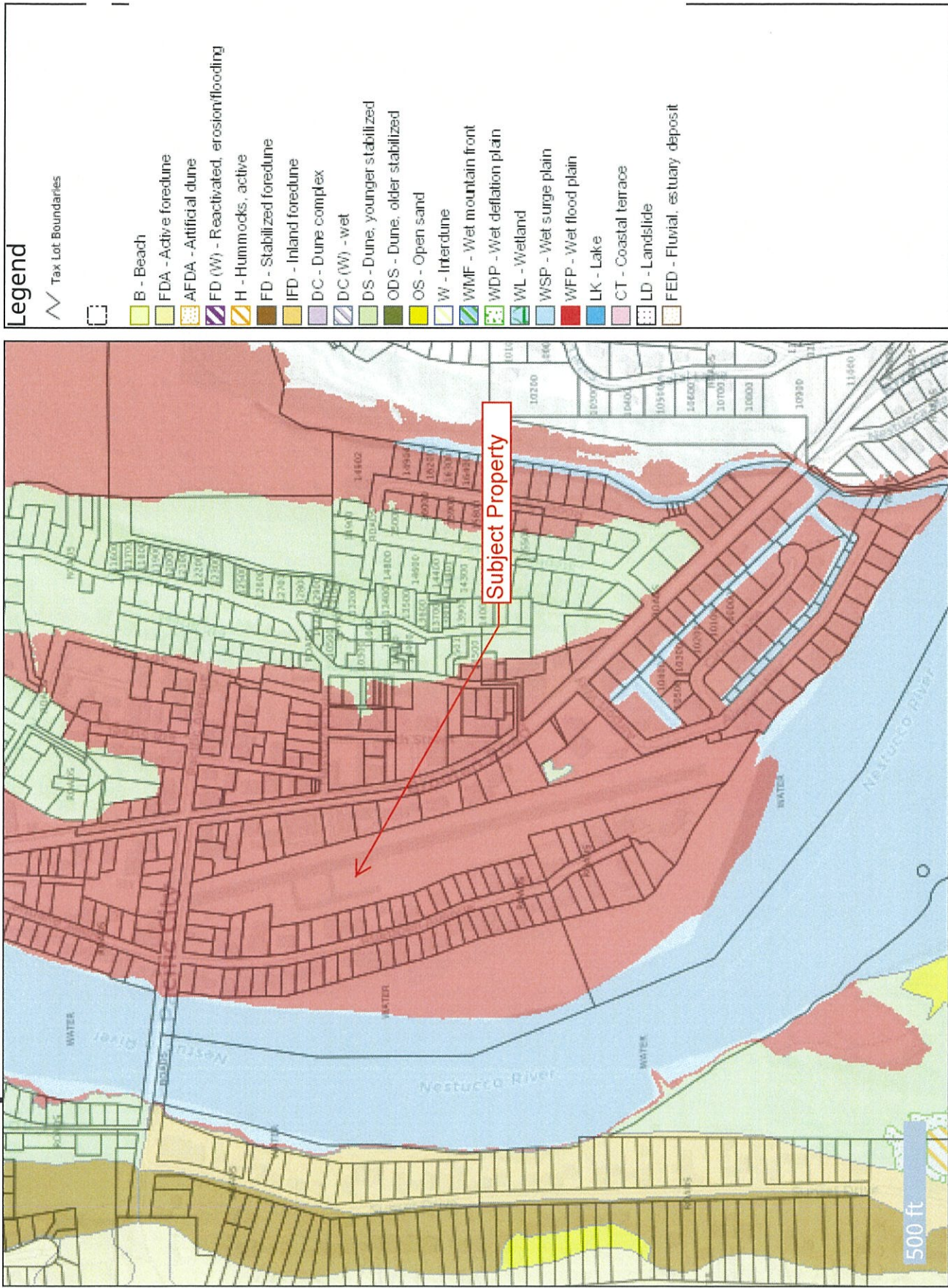


EXHIBIT B



Tillamook County Department of Community Development
1510-B Third Street, Tillamook, OR 97141 | Tel: 503-842-3408 Fax: 503-842-1819
www.co.tillamook.or.us

PLANNING APPLICATION

Applicant ☐ (Check Box if Same as Property Owner)

Name: Jacilyn Hayden, PE Phone: 971.344.3167

Address: PO Box 1101

City: Pacific City State: OR Zip: 97135

Email: jacihayden@gmail.com

Property Owner

Name: Oregon Department of Aviation Phone: 503.378.2523

Address: 3040 25th St SE

City: Salem State: OR Zip: 97302

Email: Anthony.beach@odav.oregon.gov

OFFICE USE ONLY	
Date Stamp	RECEIVED NOV 14 2024 <i>[Signature]</i>
☐ Approved ☐ Denied	
Received by:	
Receipt #:	
Fees:	
Permit No: 851-24-000575-PLNG	

Request: New impervious pavement for aircraft apron extension, drainage repairs and improvements, new pilot pavilion and bike storage structure.

Type II

- ☐ Farm/Forest Review
- ☐ Conditional Use Review
- ☐ Variance
- ☐ Exception to Resource or Riparian Setback
- ☐ Nonconforming Review (Major or Minor)
- ☒ Development Permit Review for ~~Estuary~~ Floodplain Development
- ☐ Non-farm dwelling in Farm Zone
- ☐ Fore-dune Grading Permit Review
- ☐ Neskowin Coastal Hazards Area

Type III

- ☐ Detailed Hazard Report
- ☐ Conditional Use (As deemed by Director)
- ☐ Ordinance Amendment
- ☐ Map Amendment
- ☐ Goal Exception
- ☐ Nonconforming Review (As deemed by Director)
- ☐ Variance (As deemed by Director)

Type IV

- ☐ Ordinance Amendment
- ☐ Large-Scale Zoning Map Amendment
- ☐ Plan and/or Code Text Amendment

Location:

Site Address: 6355 Pacific Ave, Pacific City, OR 97135

Map Number: 4S	10W W.M.	30	600 OS, 3500, 3501
Township	Range	Section	Tax Lot(s)

Clerk's Instrument #: _____

Authorization

This permit application does not assure permit approval. The applicant and/or property owner shall be responsible for obtaining any other necessary federal, state, and local permits. The applicant verifies that the information submitted is complete, accurate, and consistent with other information submitted with this application.

[Signature]
Property Owner Signature (Required)
[Signature]
Applicant Signature

11/13/24
Date
11/13/24
Date

Map

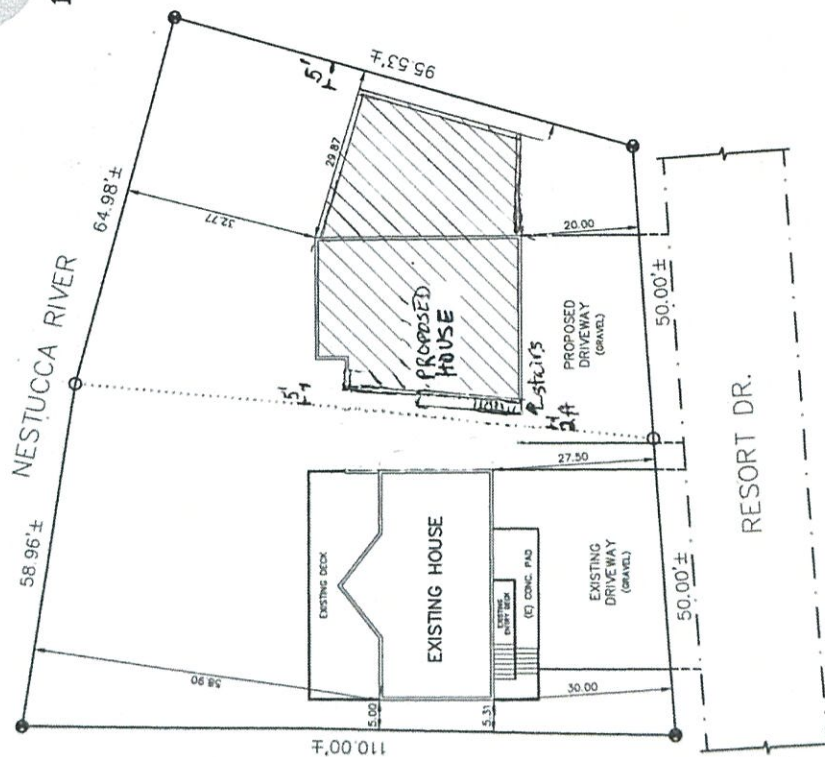


CONTRACTOR:
MIKE RIDDLE CONST.
(971) 237-3445

SUBDIVISION: _____ LOT: _____ BLK: _____
NAME: _____ PH. # _____
ADDRESS: _____ COA: _____
ASBUILT # _____ MAP # _____
STORM DRAINAGE: _____
WATER SERVICE LEVEL: _____ CODE: _____ PS: _____
SIDEWALK: _____

APPROVAL STAMPS

A north arrow pointing upwards, labeled with a large 'N'. To the right of the arrow is a scale bar labeled '1"=20''.



SITE PLAN
33645 RESORT DR.
PACIFIC CITY, OREGON
SCALE: 1" = 20.00'

- * CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD*
- * ALL UTILITY LOCATIONS ARE TO BE DETERMINED BY CONTRACTOR.*
- * ALL PROPERTY ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.*

RECEIVED
MAY 12 2025
BY: _____



(1) The fill is not within a Coastal High Hazard Area.

Fill placed as part of this project is not within a Coastal High Hazard Area (Reference FEMA Flood Insurance Rate Map Panel 0855, September 8, 2018).

(2) Fill placed within the Regulatory Floodway shall not result in any increase in flood levels during the occurrence of the base flood discharge.

As documented in the Hydraulic Analysis Report for this project and the associated Engineering "No Rise" Certification, dated 5/12/2025, fill placed within the Regulatory Floodway will not result in any increase in flood levels during the base flood discharge.

(3) The fill is necessary for an approved use on the property.

The fill associated with this project is integral to supporting the proposed aviation, aviation-related access, and airport-related drainage improvements, which support the approved use of the property as an airport.

(4) The fill is the minimum amount necessary to achieve the approved use.

The proposed improvements have been designed with the minimum fill necessary to achieve the approved use. The apron, access road, and vehicle parking improvements result in a minor net cut. The grading and drainage improvements result in a net cut. Additional details are included in the Grading Plan dated 5/12/2025.

(5) No feasible alternative upland locations exist on the property.

The majority of the property is located within the floodway, with the remaining portion in the floodplain. As a result, there is no alternative to locating the work in upland areas.

(6) The fill does not impede or alter drainage or the flow of floodwaters.

Based on the Hydraulic Analysis Report for this project and the associated Engineering "No Rise" Certification, dated 5/12/2025, the fill and overall design of the project will not impede or alter drainage or the flow of floodwaters. Additionally, the design maintains the existing drainage flow paths present at the site.

(7) If the proposal is for a new critical facility, no feasible alternative site is available.

N/A – The proposal does not include this type of work.

(8) For creation of new, and modification of, Flood Refuge Platforms, the following apply, in addition to (14)(a)(l-4) and (b)(1 -5):

- i. The fill is not within a floodway, wetland, riparian area or other sensitive area regulated by the Tillamook County Land Use Ordinance.
- ii. The property is actively used for livestock and/or farm purposes,
- iii. Maximum platform size = 10 sq ft of platform surface per acre of pasture in use, or 30 sq ft per animal, with a 10-ft wide buffer around the outside of the platform,
- iv. Platform surface shall be at least 1 ft above base flood elevation,
- v. Slope of fill shall be no steeper than 1.5 horizontal to 1 vertical,
- vi. Slope shall be constructed and/or fenced in a manner so as to prevent and avoid erosion.

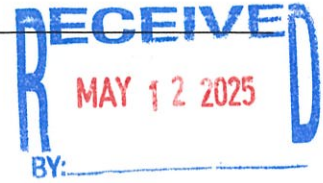
N/A – The proposal does not include this type of work.



PRECISION APPROACH ENGINEERING, INC.
Corley McFarland, P.E.
Project Engineer



ENGINEERING "NO-RISE" CERTIFICATION



This is to certify that I am a duly qualified engineer licensed to practice in the State of Oregon.

It is to further certify that the attached technical data supports the fact that proposed site improvements at Pacific City Airport will not impact the 100-year flood elevations, floodway elevations and floodway widths on Nestucca River at published sections in the Flood Insurance Study for, Tillamook County dated September 8, 2018 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached are the following documents that support my findings:

-Pacific City Airport Hydraulic Analysis Report

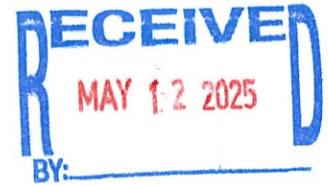
Date: 05/12/2025

By: Annika Sullivan, PE



05/12/2025

DATE



PACIFIC CITY AIRPORT HYDRAULIC ANALYSIS REPORT

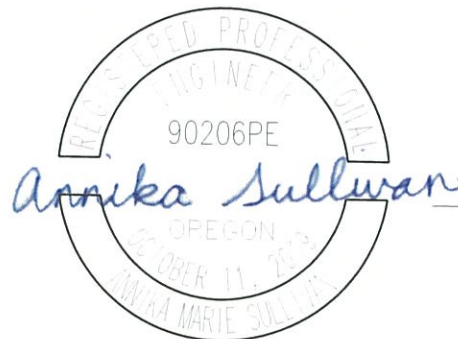


prepared for
Precision Approach Engineering, Inc.

prepared by
Annika Sullivan, P.E.



May 12, 2025



5/12/2025

DATE

EXPIRES: 6/30/2026

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INTRODUCTION	2
HYDRAULIC MODELING METHODOLOGY	2
Existing Conditions Model	3
Proposed Conditions Model	3
Boundary Conditions	3
Peak Flow Hydrology	4
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Figure 1: Tax Lot Location Map

Figure 2: Site Plan by Others

Figure 3: FEMA FIRM Panel

Figure 4: Hydraulic Analysis Overview Map of Proposed Project

List of Attachments

Attachment A – HEC-RAS Model Output Files

INTRODUCTION

Waterways Consulting Inc. (Waterways) has been retained by Precision Approach Engineering to evaluate the hydraulic effects on the Nestucca River during a 100-year base flood discharge from site improvements to the Pacific City Airport. The project is located on the east (left) bank floodplain of the Nestucca River at 6355 Pacific Ave in Pacific City, OR (**Figure 1**). The current design dated May 2025, proposes 1) access road and apron improvements and 2) infield drainage improvements. The access road and apron improvements include 5 cubic yards net cut (**Figure 2**). Part of the existing apron will be overlay with 3-inches of asphalt. The infield grading includes 1,340 cubic yards net cut. This includes sloping the infield away from the runway and grading a drainage ditch on the west side of the runway. The property is located partially within the FEMA designated floodway, effective September 28, 2018 (**Figure 3**).

The following report has been prepared to support floodplain development permitting with Tillamook County for the proposed project and presents our hydraulic analysis of existing and proposed conditions for the 100-year flood event along the Nestucca River within the vicinity of the proposed site improvements. This report is based on the guidance outlined in Section 3.510(9)(a) of the Tillamook County Land Use Ordinance which requires, "...certification is provided by a professional registered civil engineer demonstrating through hydrologic and hydraulic analysis performed in accordance with standard engineering practice that such encroachment shall not result in any increase in flood levels during the occurrence of the based flood discharge."

HYDRAULIC MODELING METHODOLOGY

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) has mapped Nestucca River at the project area as a Special Flood Hazard Area (SFHA) partially within the regulatory floodway Zone AE (**Figure 3**). Tillamook County provided Waterways with a hydraulic model of the Nestucca River covering the project area for a Letter of Map Revision (LOMR), effective September 24, 2015 (Case. Number 14-10-1727P). The LOMR and corresponding hydraulic model conducted in the United States Army Corps of Engineers (USACE) Hydraulic Engineering Center River Analysis Software (HEC-RAS) by West Consultants updated the previous modeling and FIRM Panels dated August 1, 1978. All elevations are referenced to a NAVD 88 vertical datum. This model was used as the basis for all hydraulic modeling.

Waterways updated the hydraulic analysis using HEC-RAS, version 6.6. A one-dimensional hydraulic model was completed to characterize the existing and proposed conditions at the project site during the 100-year recurrence interval peak flow at the Nestucca River. Four additional cross sections were added to the provided model in the vicinity of the project area (property). In total, four modeling scenarios were ran. These include the Existing Conditions Model ("Ex. Cond." as the plan identifier in the model) and three variations of the Proposed Conditions Model (all beginning with the "Prop. Cond." as the plan identifier in the model). **Figure 4** shows the proposed project location, cross section locations used in the hydraulic analysis, and the effective FEMA floodplain and floodway boundaries (FEMA 2018).

Existing Conditions Model

Additional cross sections added to the LOMR model were sampled from a terrain surface derived from LiDAR data from the Department of Geology and Mineral Industries (DOGAMI) North Coast collected by Watershed Sciences Inc. in 2009 and existing conditions surface provided to Waterways by Precision Approach Engineering. Bathymetry for the additional cross sections were interpolated from upstream and downstream cross sections of the LOMR model.

The downstream model boundary extends approximately 1.3 miles downstream of the project area and the upstream model boundary extends approximately 2.6 miles upstream of the project area (**Figure 4**). The bridge crossing geometry at Ferry Street and at Pacific Avenue upstream of the project area were included in the model from drawings provided by Oregon Department of Transportation (ODOT) and Tillamook County. Hydraulic roughness values for the additional cross sections were based on values published in the provided model. Hydraulic roughness values, known as Manning's Roughness, for the additional cross sections are outlined in **Table 1**.

Table 1. Manning's Roughness for Different Land Use Types

Land Use Type	Manning's 'n'
Channel	0.031
Open Pervious Areas (grassed)	0.04
Residential Area / Open Pervious Areas (trees)	0.07 - 0.1

Proposed Conditions Model

The proposed conditions model included the additional cross sections created in the existing conditions model. The existing condition terrain was updated based on the proposed grading surface provided to Waterways by Precision Approach Engineering. Three proposed conditions model runs were created to analyze the project in phases. The first model run includes grading associated with the access road and apron improvements only. The second model run includes grading associated with the infield drainage improvements only. The third model run includes grading associated with both phases of the project (access road, apron, and infield drainage improvements).

Boundary Conditions

The downstream boundary condition used in the models was set to a known water surface elevation of 14.15 feet (NAVD 88) per the provided model. The downstream boundary condition is located downstream of FEMA Cross Section A near where Nestucca River meets the Nestucca Bay.

Peak Flow Hydrology

According to the FEMA FIS report and the provided model, the 100-year peak flow event for this portion of the Nestucca River is 49,700 cubic feet per second (cfs). Therefore, 49,700 cfs was assumed for the 100-year peak flow (i.e. base flood discharge) in all models.

RESULTS

Results of the hydraulic modeling are presented in **Attachment A**. These results show that the grading associated with the access road, apron, and infield drainage improvements will not result in a rise to the water surface elevations at any cross sections in the model. All three proposed condition modeling runs resulted in no change in the water surface elevations. No change between the Existing Conditions Model and Proposed Conditions Models can likely be attributed to a relatively small net cut of material within the property.

CONCLUSIONS

The results of this hydraulic analysis indicate no rise in the 100-year water surface elevations for the Proposed Conditions Models when compared to the Existing Conditions Model. Based on this, the proposed project satisfies the requirement of Section 3.510(9)(a) of the Tillamook County Land Use Ordinance.

REFERENCES

Federal Emergency Management Agency. 2018. Flood Insurance Rate Maps (FIRMs) for Tillamook County (panel 0855), Oregon and Incorporated Areas. September 28, 2018.

Federal Emergency Management Agency. 2018. Flood Insurance Study (FIS) for Tillamook County, Oregon and Incorporated Areas. September 8, 2018.

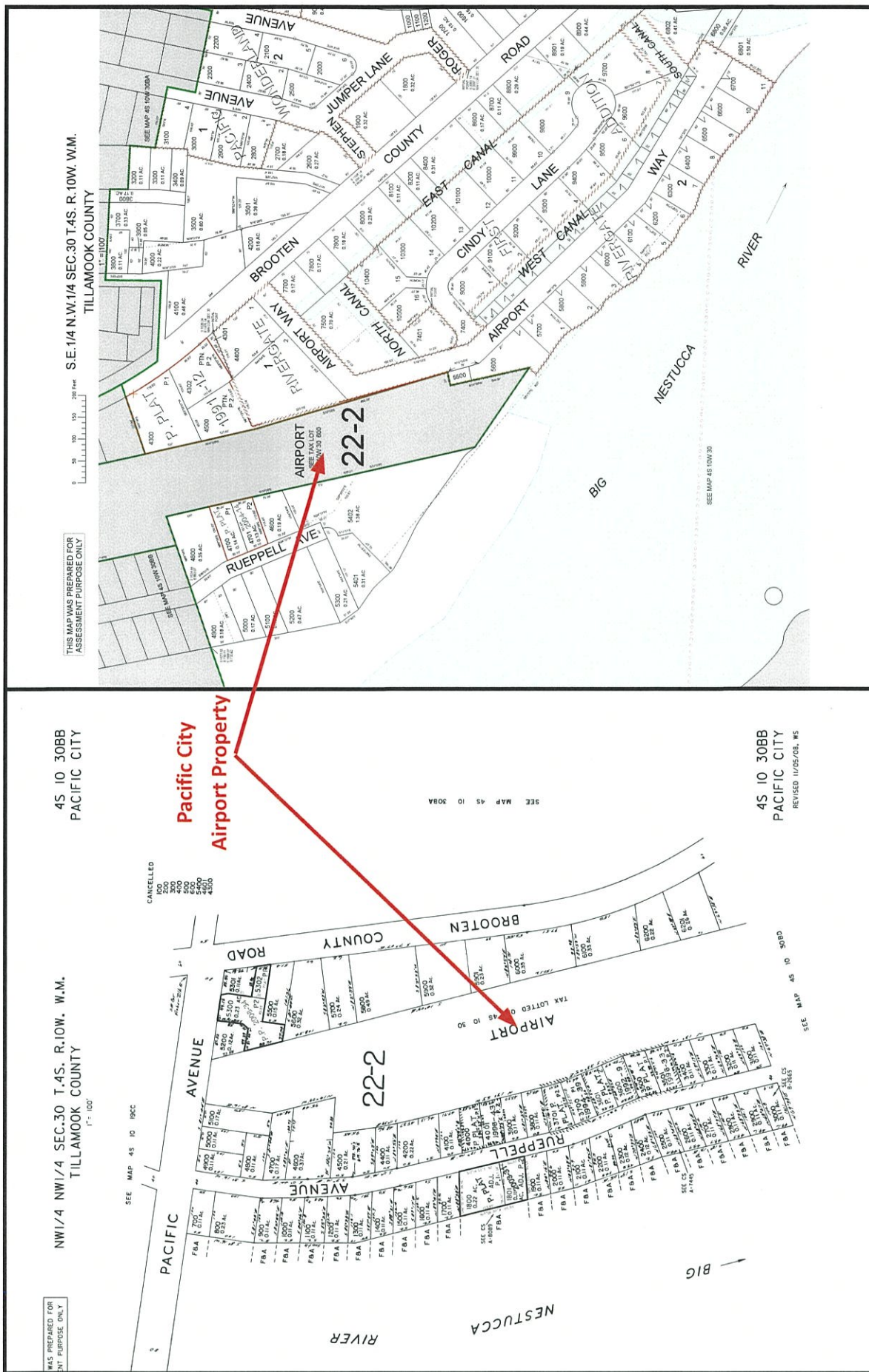
U.S. Army Corps of Engineers. Hydrologic Engineering Center. Computer Program HEC-RAS Version 6.6 Davis, California. June 2023.

U.S. Army Corps of Engineers. Hydrologic Engineering Center. Hydraulic Reference Manual. Version 5.0 Davis, California. February 2016.

Watershed Sciences. LiDAR Remote Sensing Data Collection Oregon North Coast. Prepared for Department of Geology and Mineral Industries (DOGAMI). December 21, 2009.

West Consultants. Hydraulic Engineering Center River Analysis Software (HEC-RAS) Model of the Nestucca River. 2014.

Figures

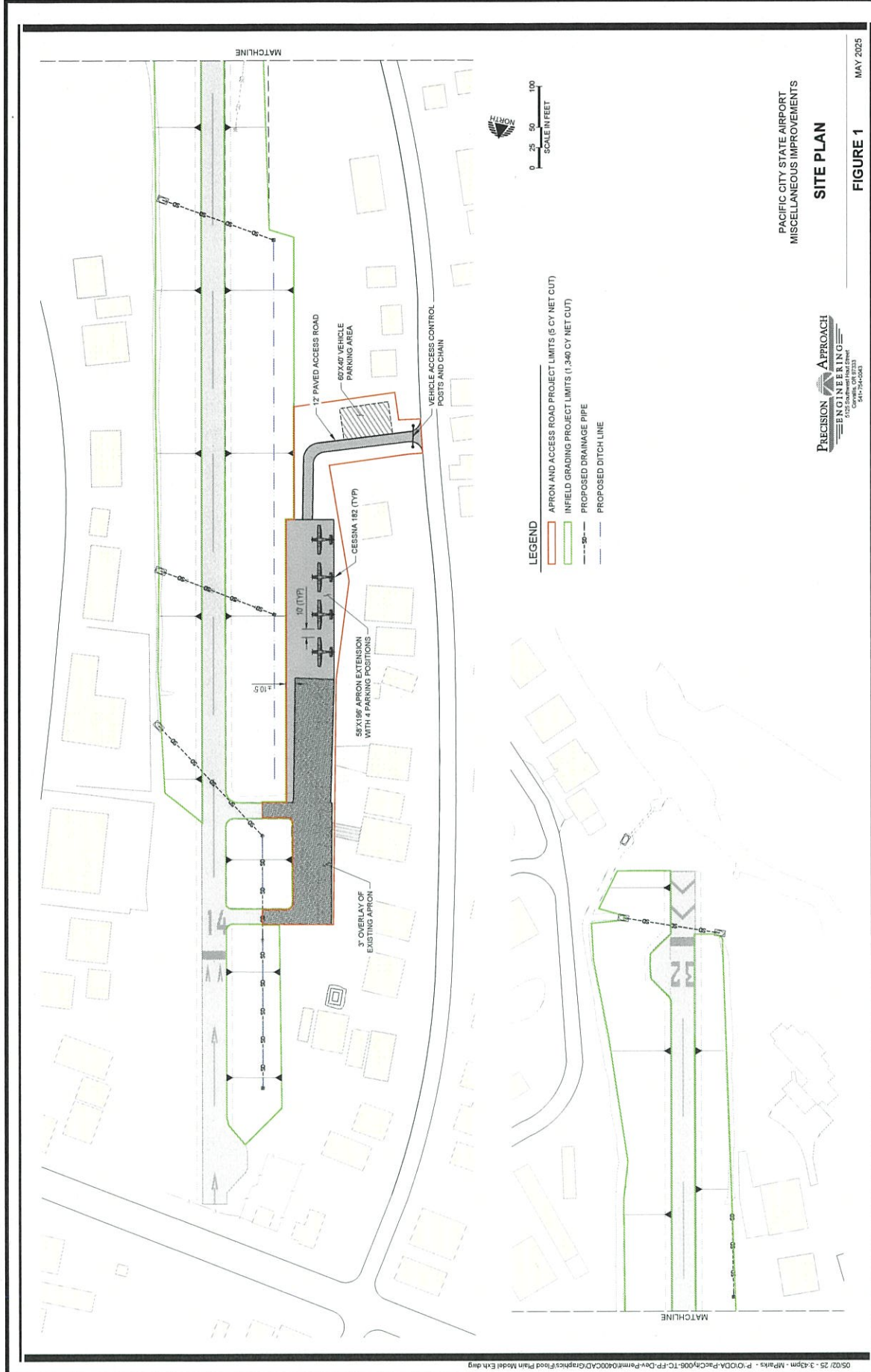


FIGURE

Tax Lot Location

(Map Sourced from Tillamook County Assessment and Taxation Website)

Pacific City Airport Hydraulic Analysis Report

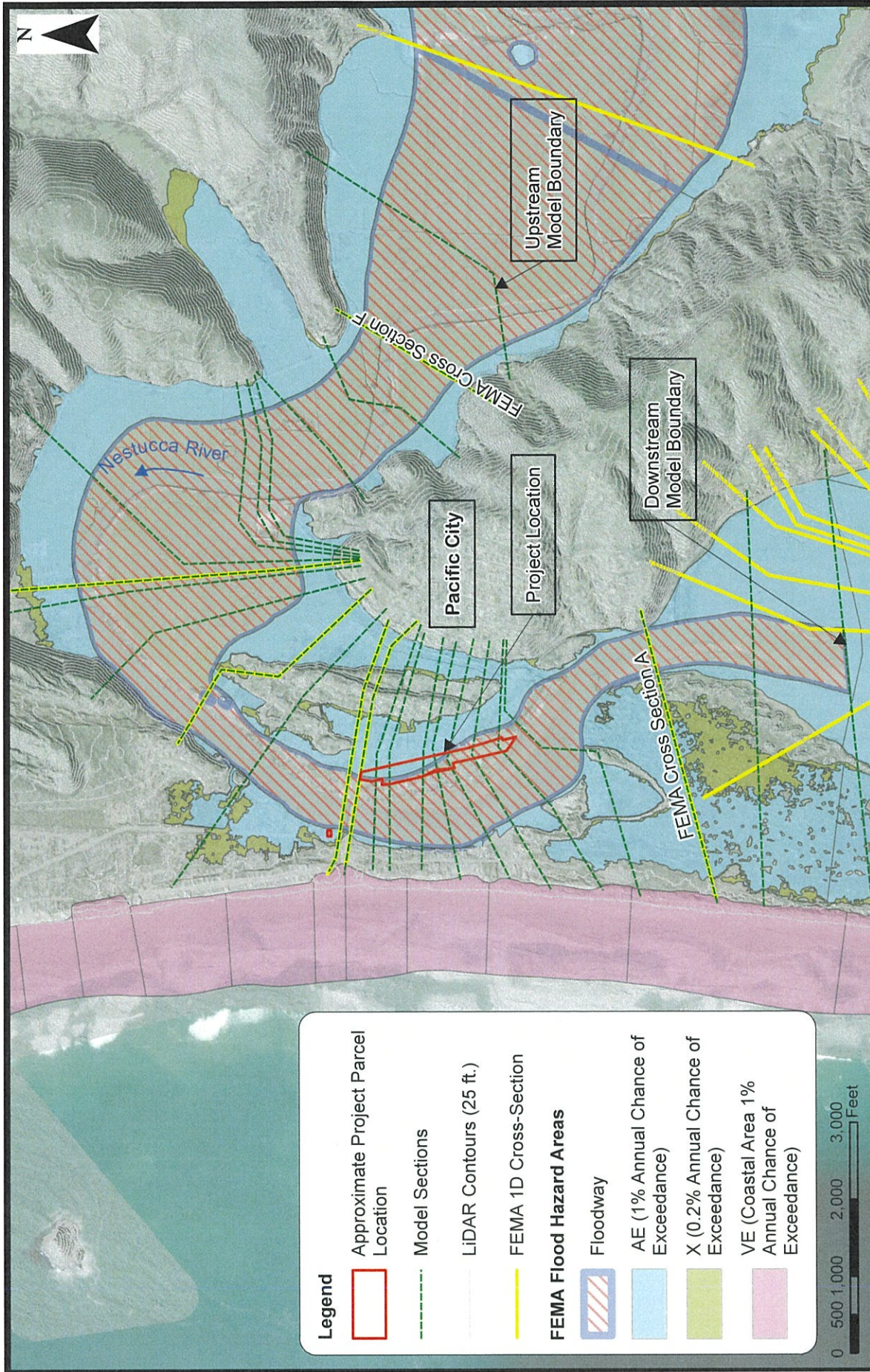


FIGURE

2

Site Plan by Precision Approach Engineering

Pacific City Airport
Hydraulic Analysis Report



FIGURE

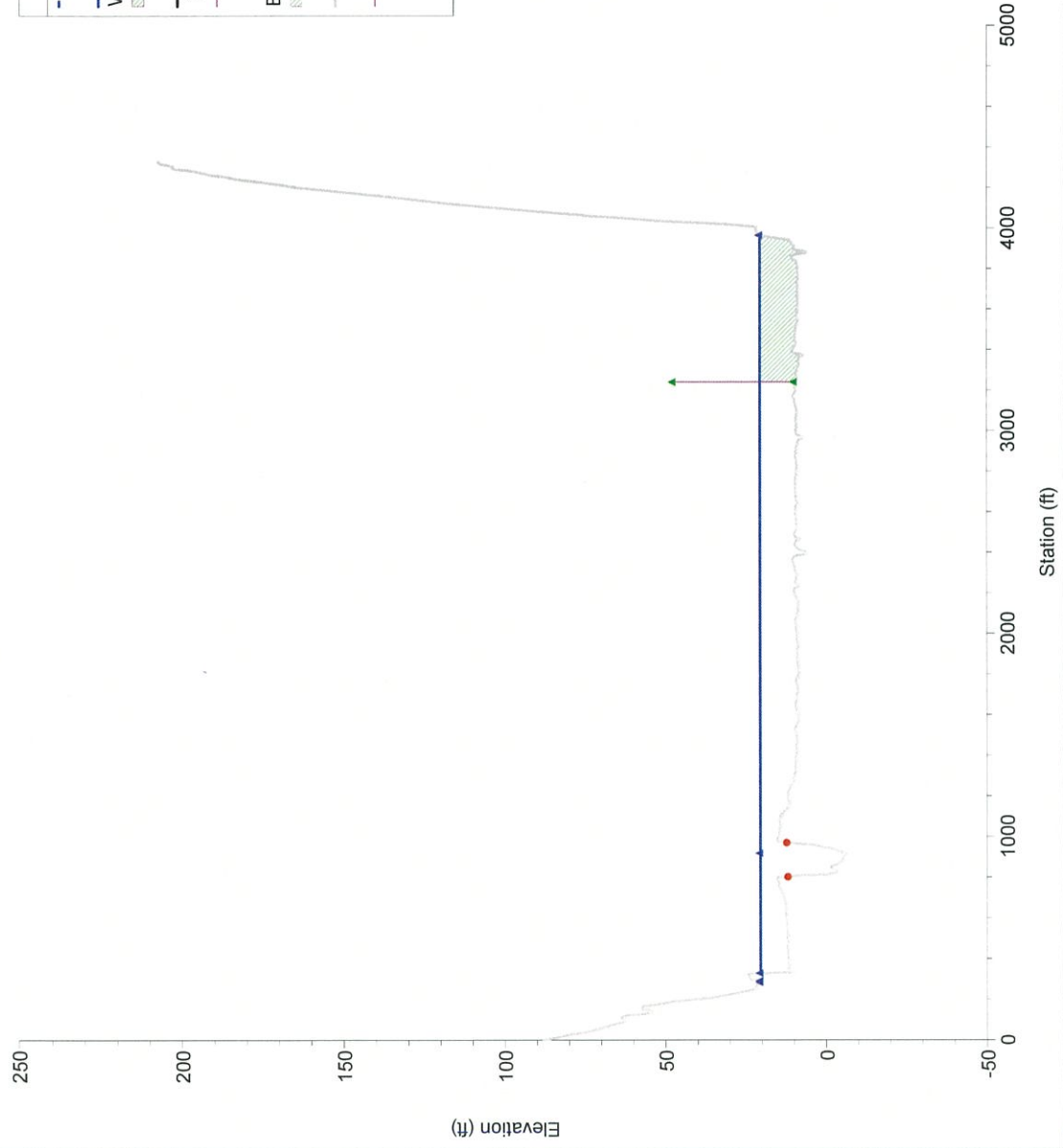
4

Hydraulic Analysis Overview Map of Proposed Project

Pacific City Airport
Hydraulic Analysis Report

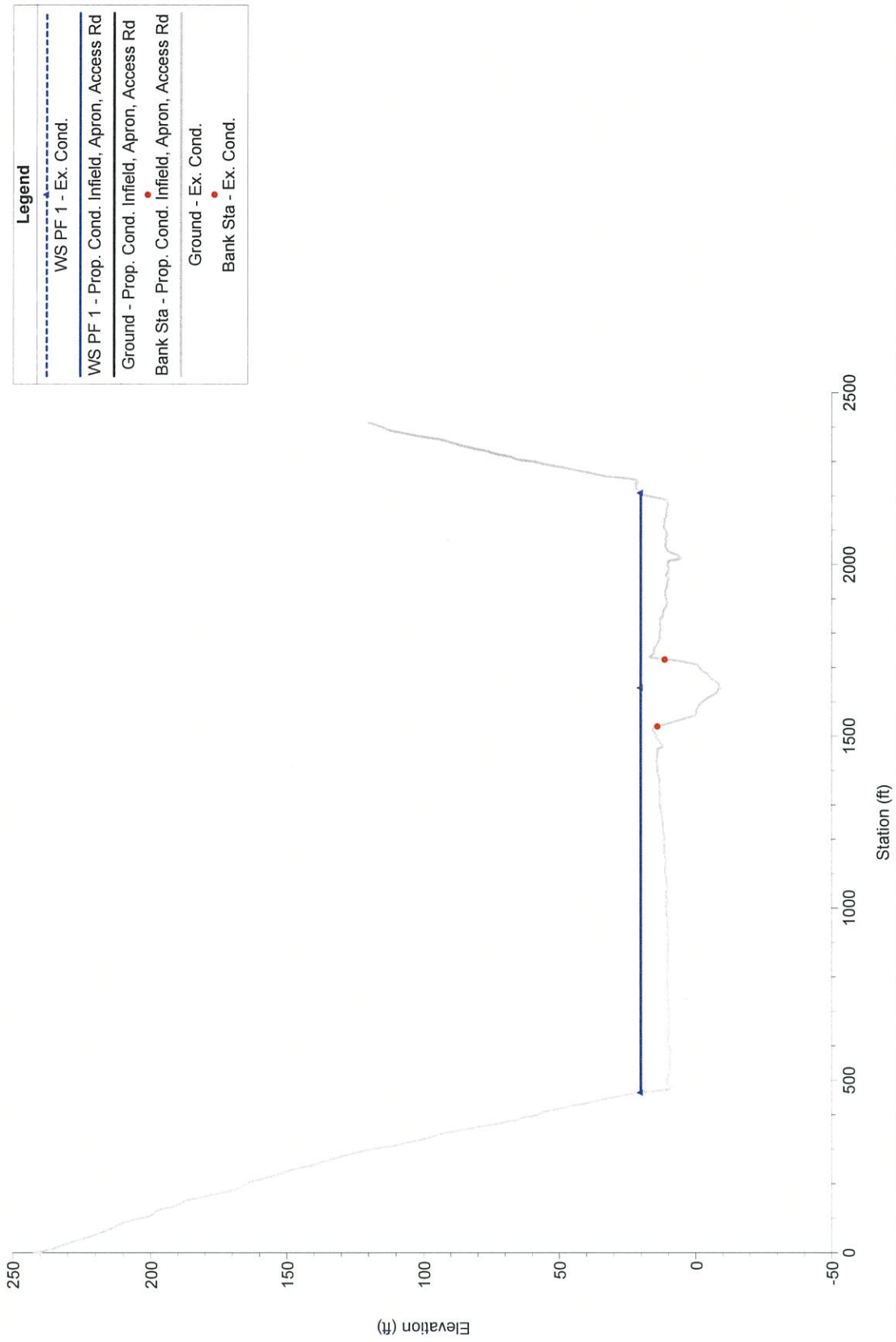
Attachment A

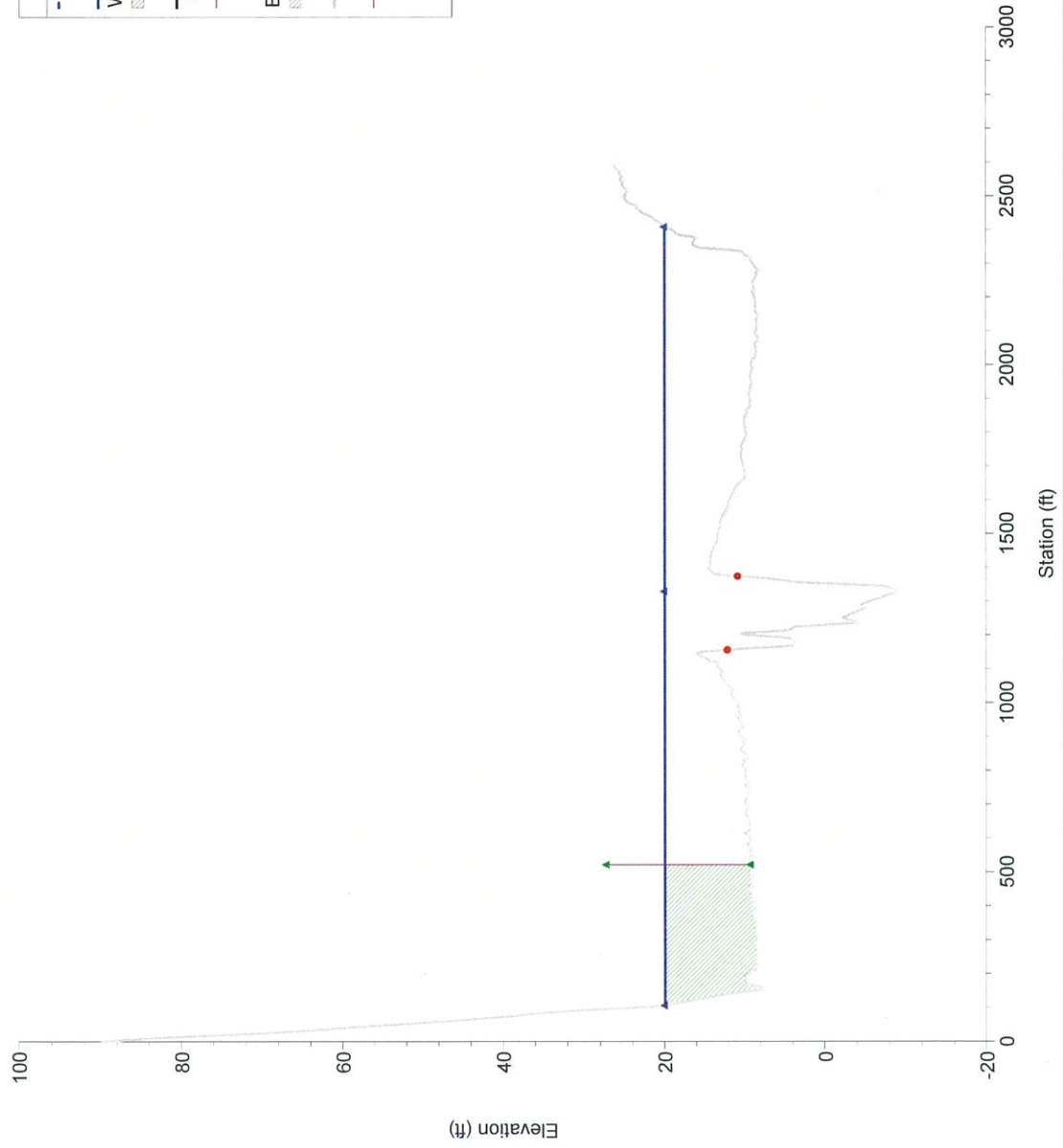
HEC-RAS Output Files



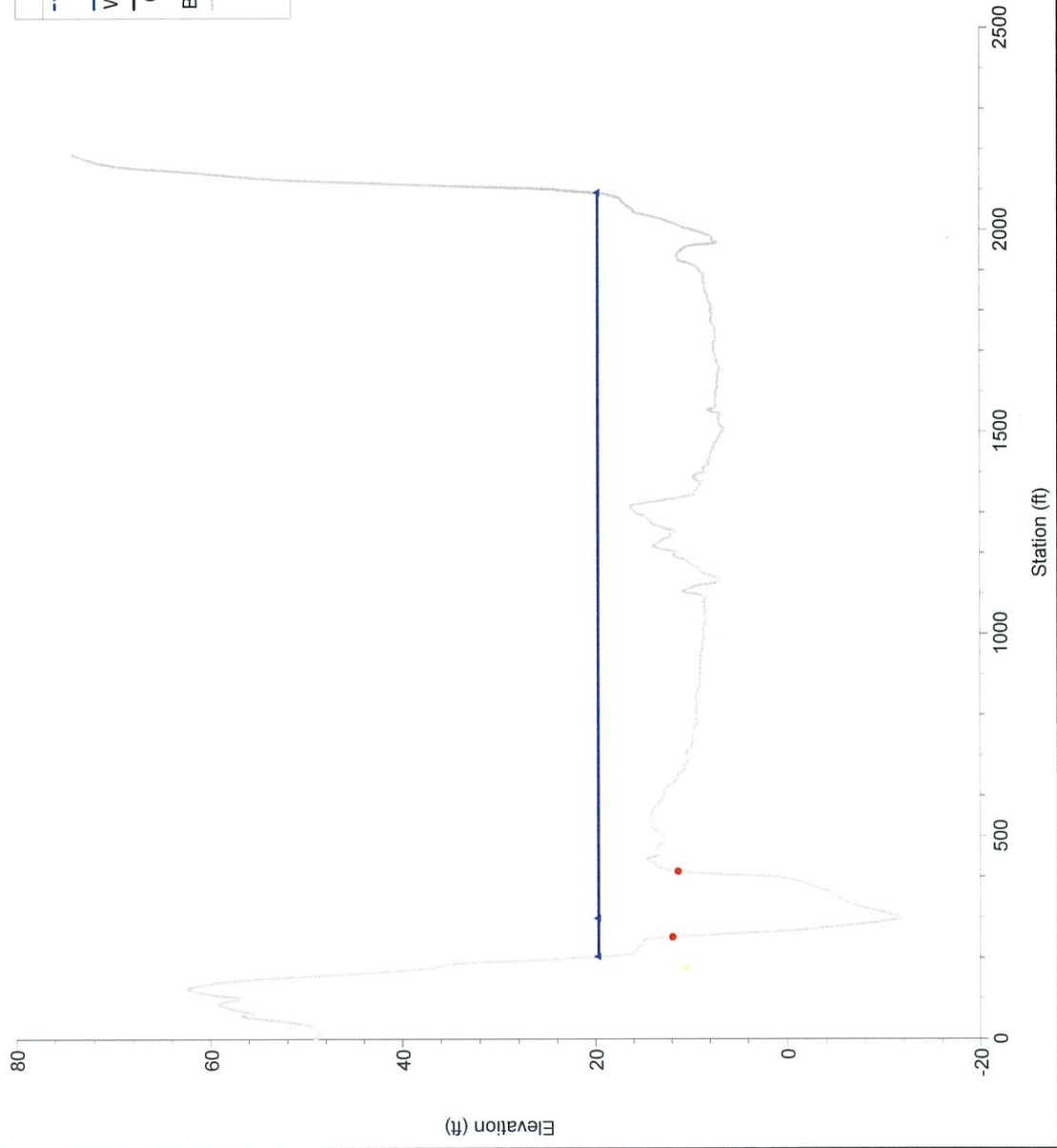
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WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Cross Section F

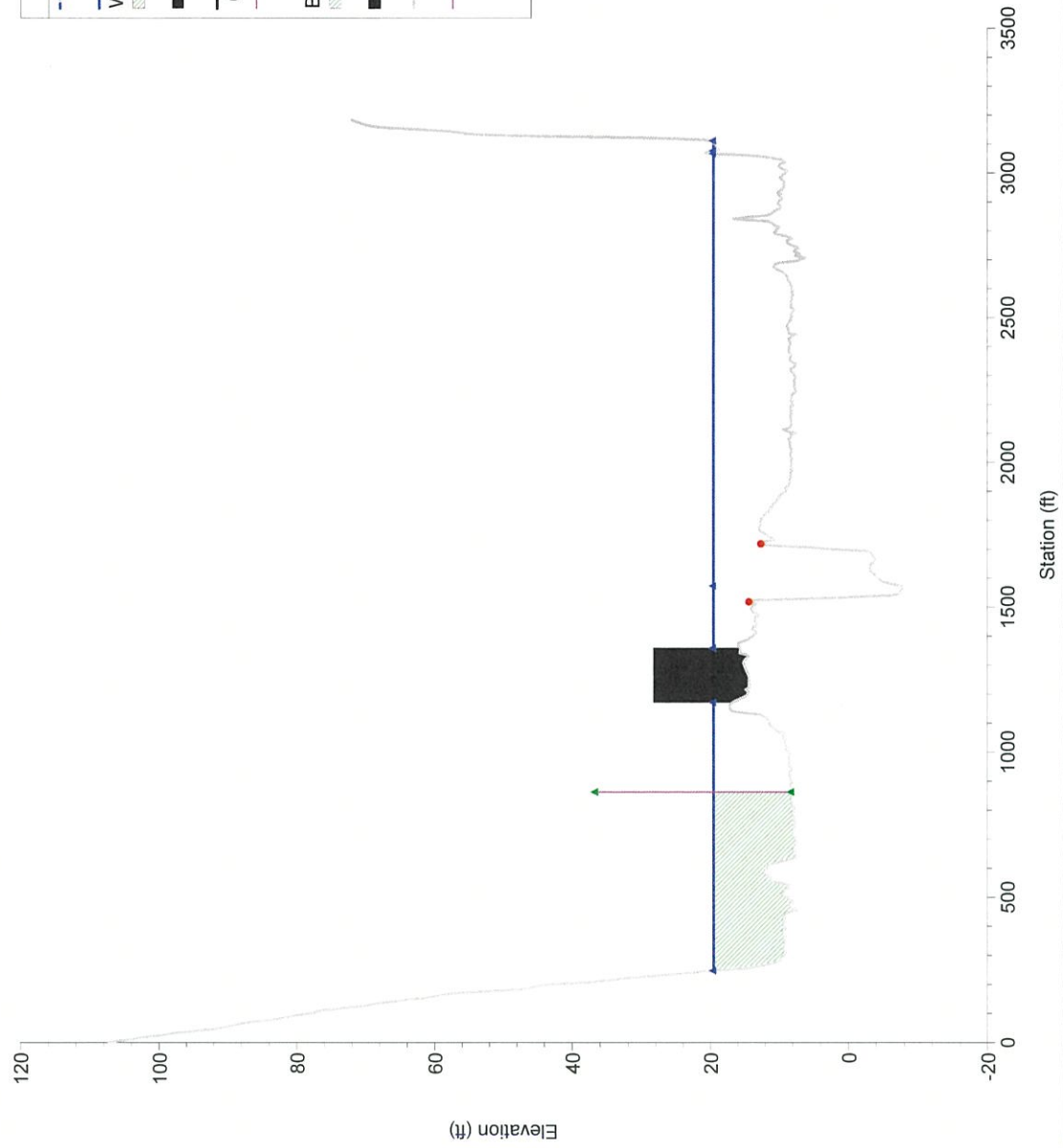


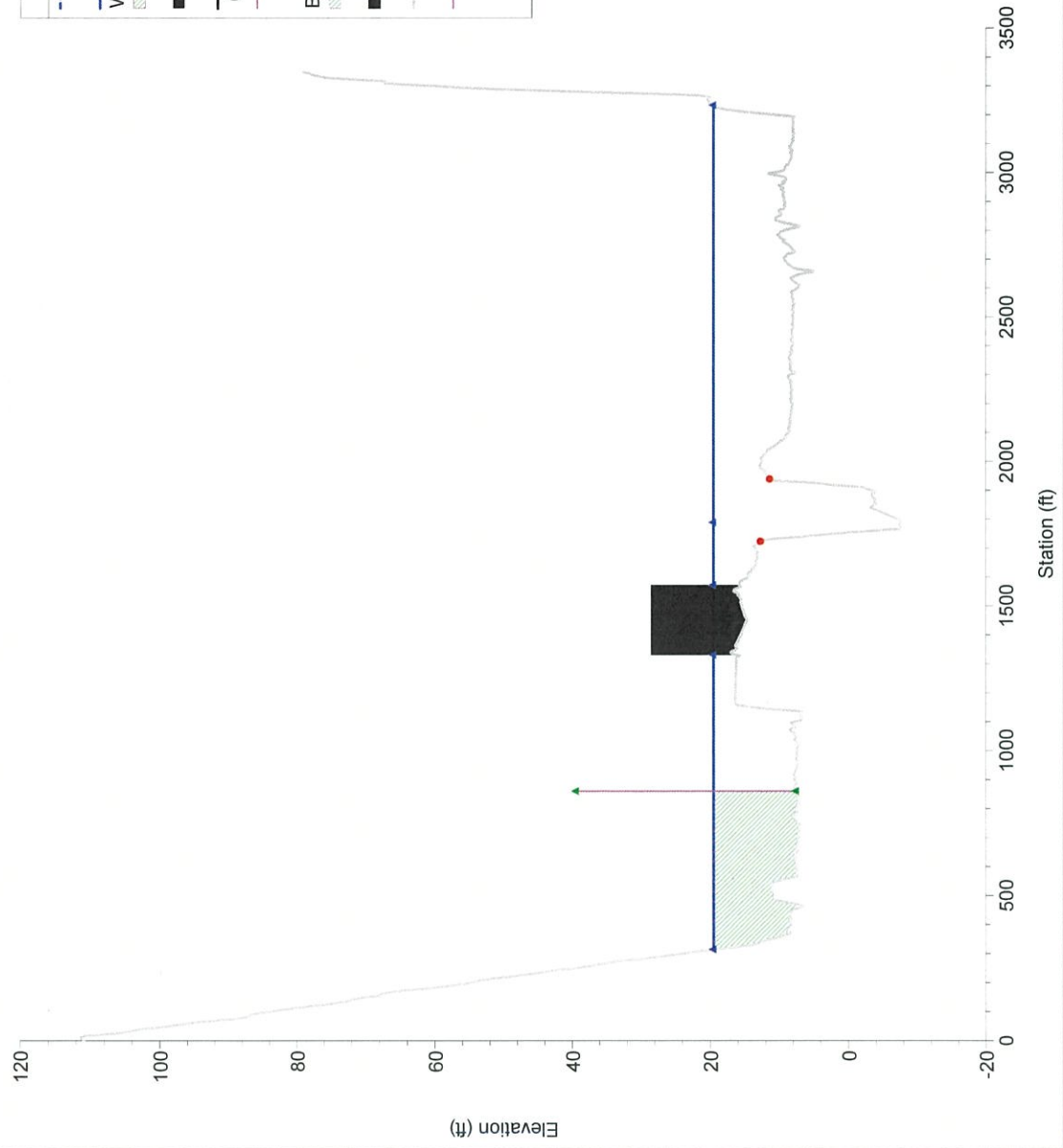


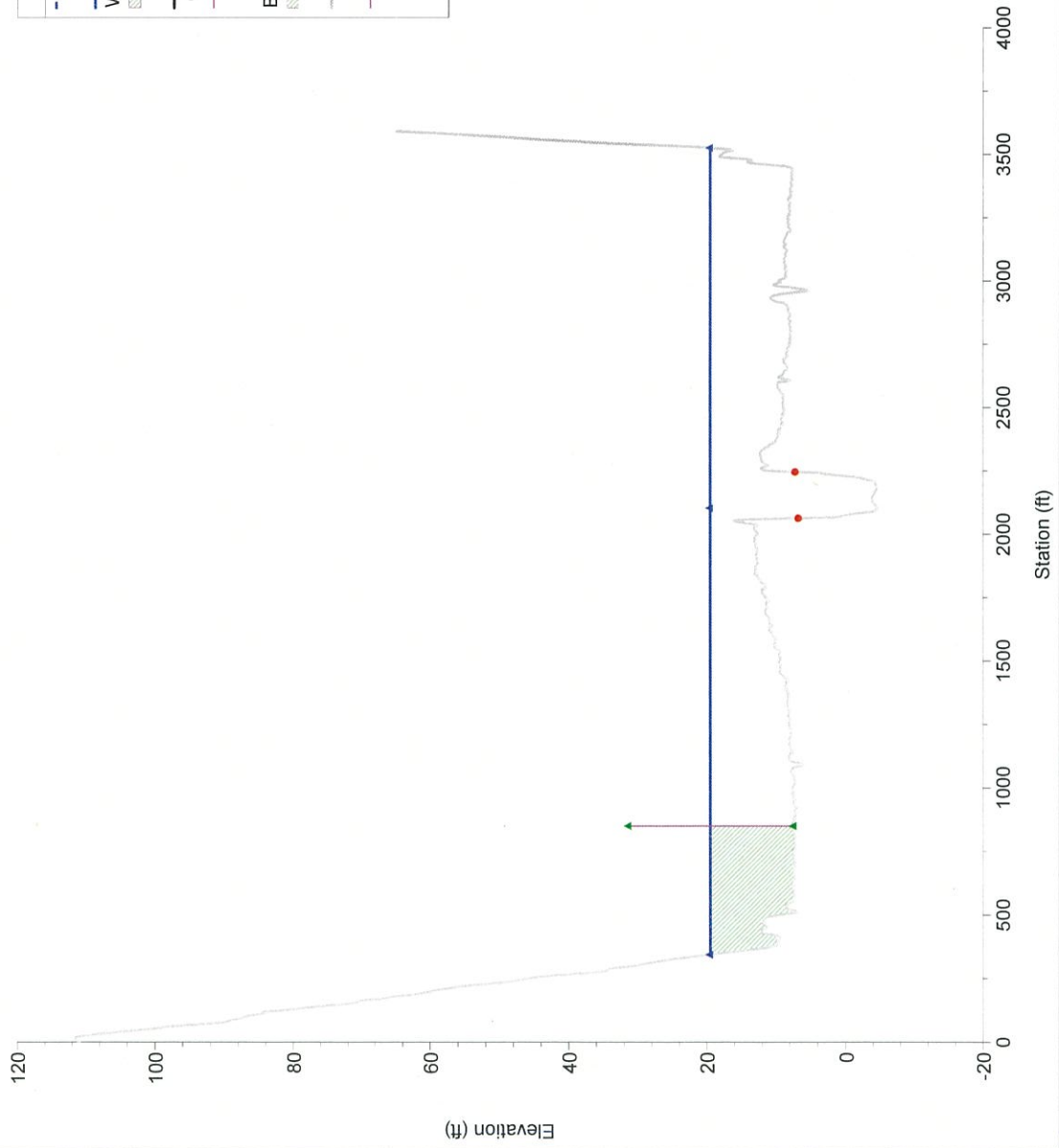
Legend	
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WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	



Legend	
	WS PF 1 - Ex. Cond.
	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	Ground - Ex. Cond.
	Bank Sta - Ex. Cond.

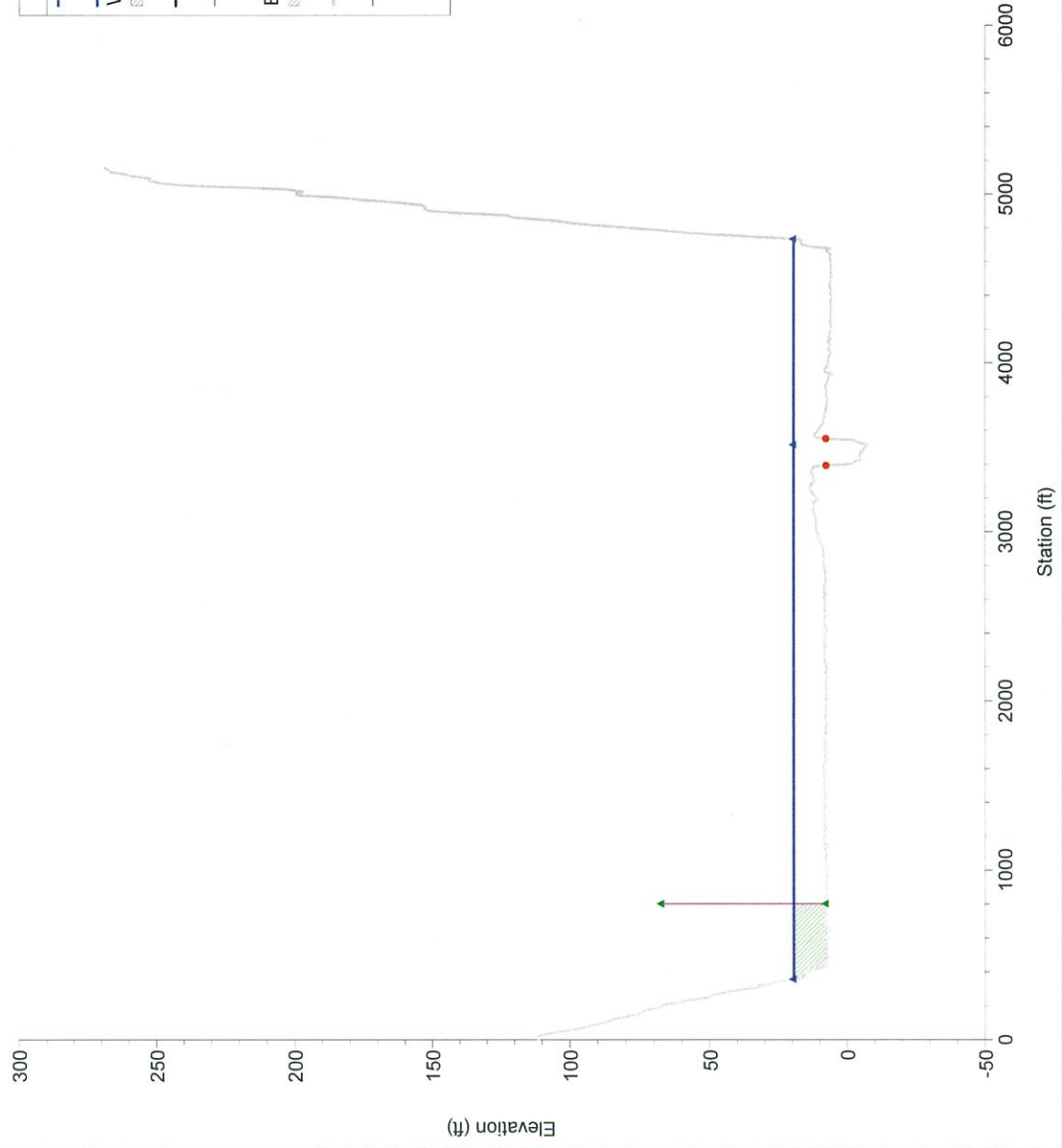






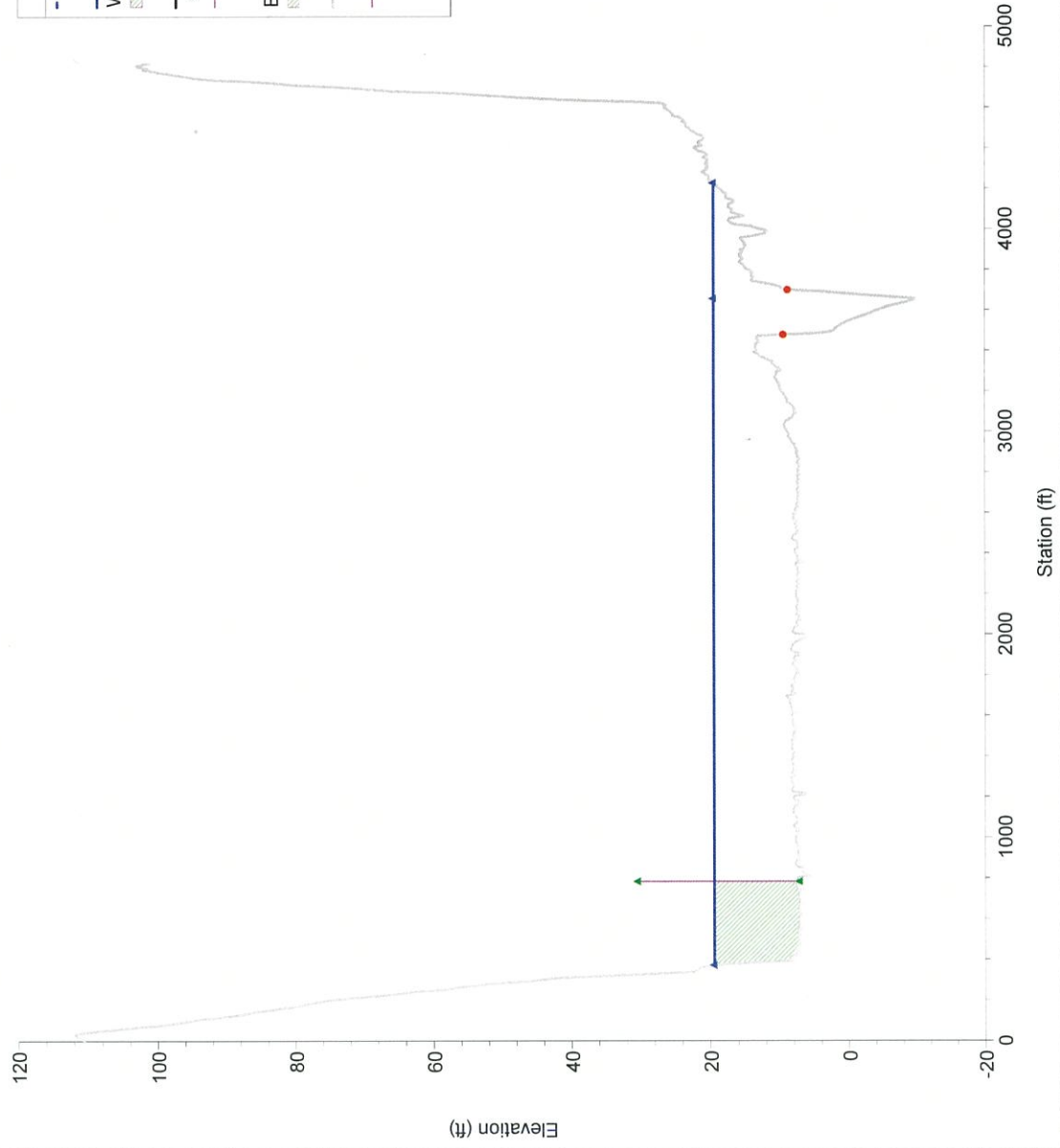
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd



Legend	
	WS PF 1 - Ex. Cond.
	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Cross Section E



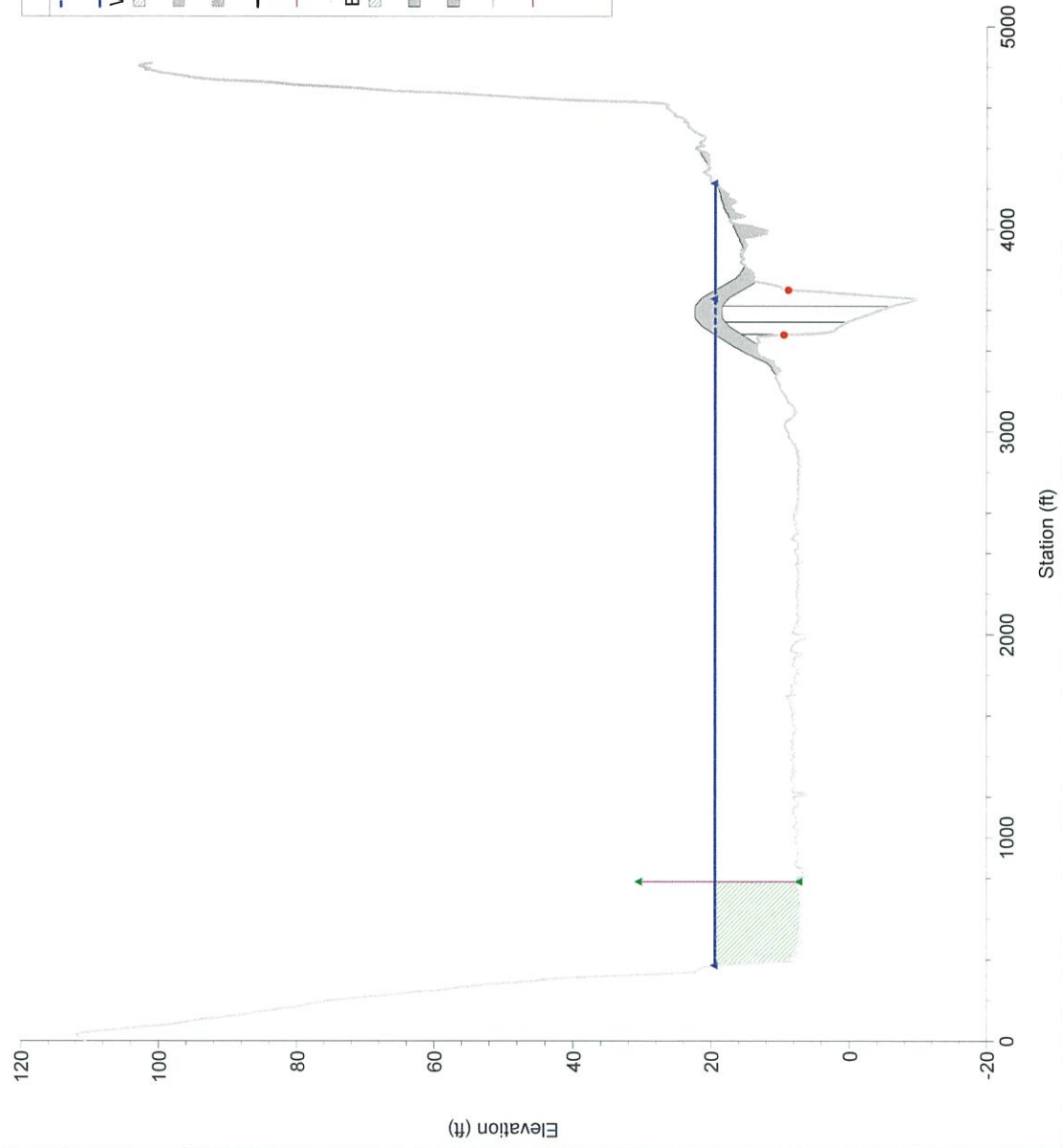
Legend	
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff. - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff. - Ex. Cond.
	Bank Sta - Ex. Cond.

25-024_PacificCityAirport

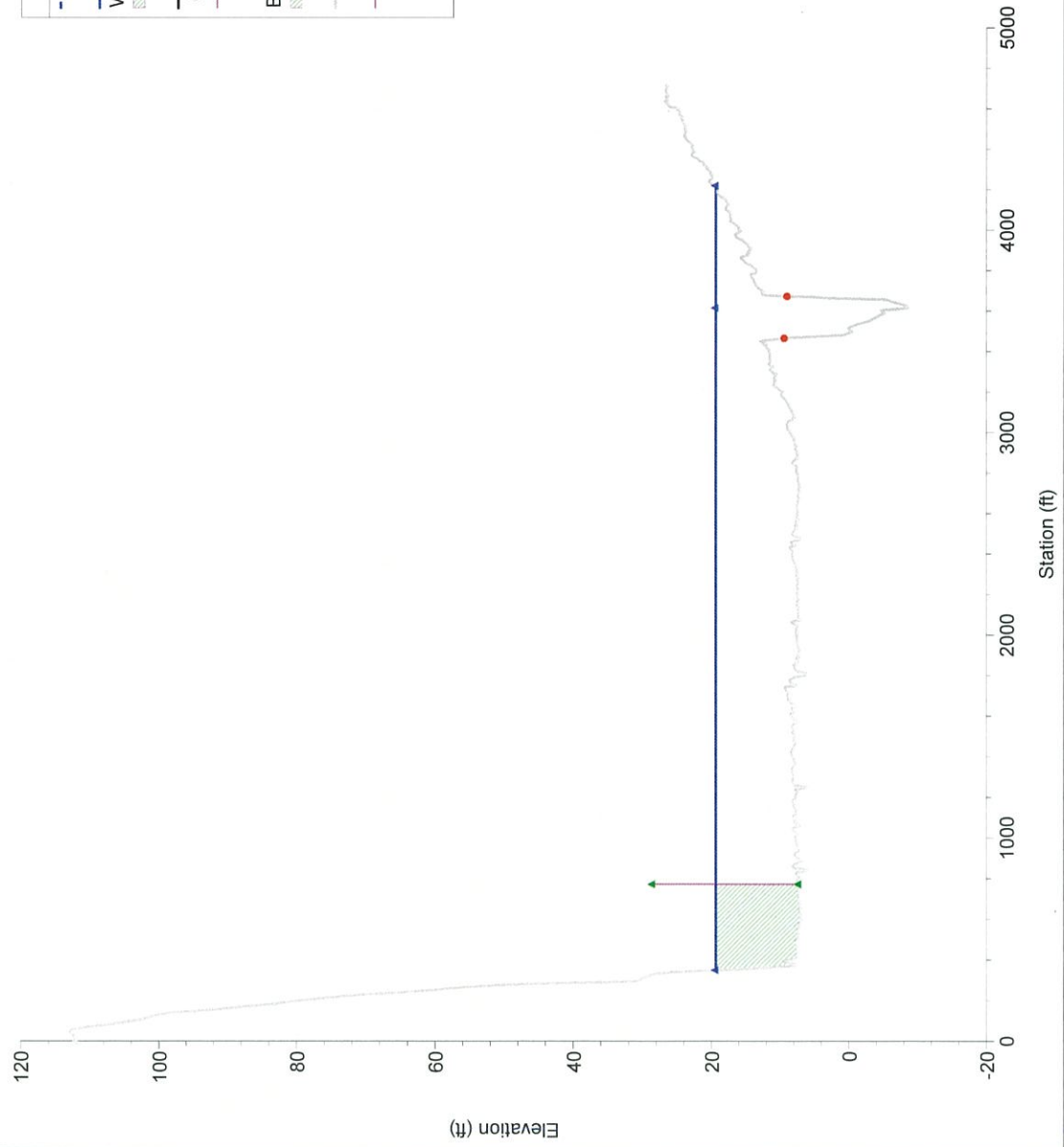
Plan: 1) Ex. Cond.

2) Prop. Cond. Infield, Apron, Access Rd

Based on drawings provided by Tillamook Co.

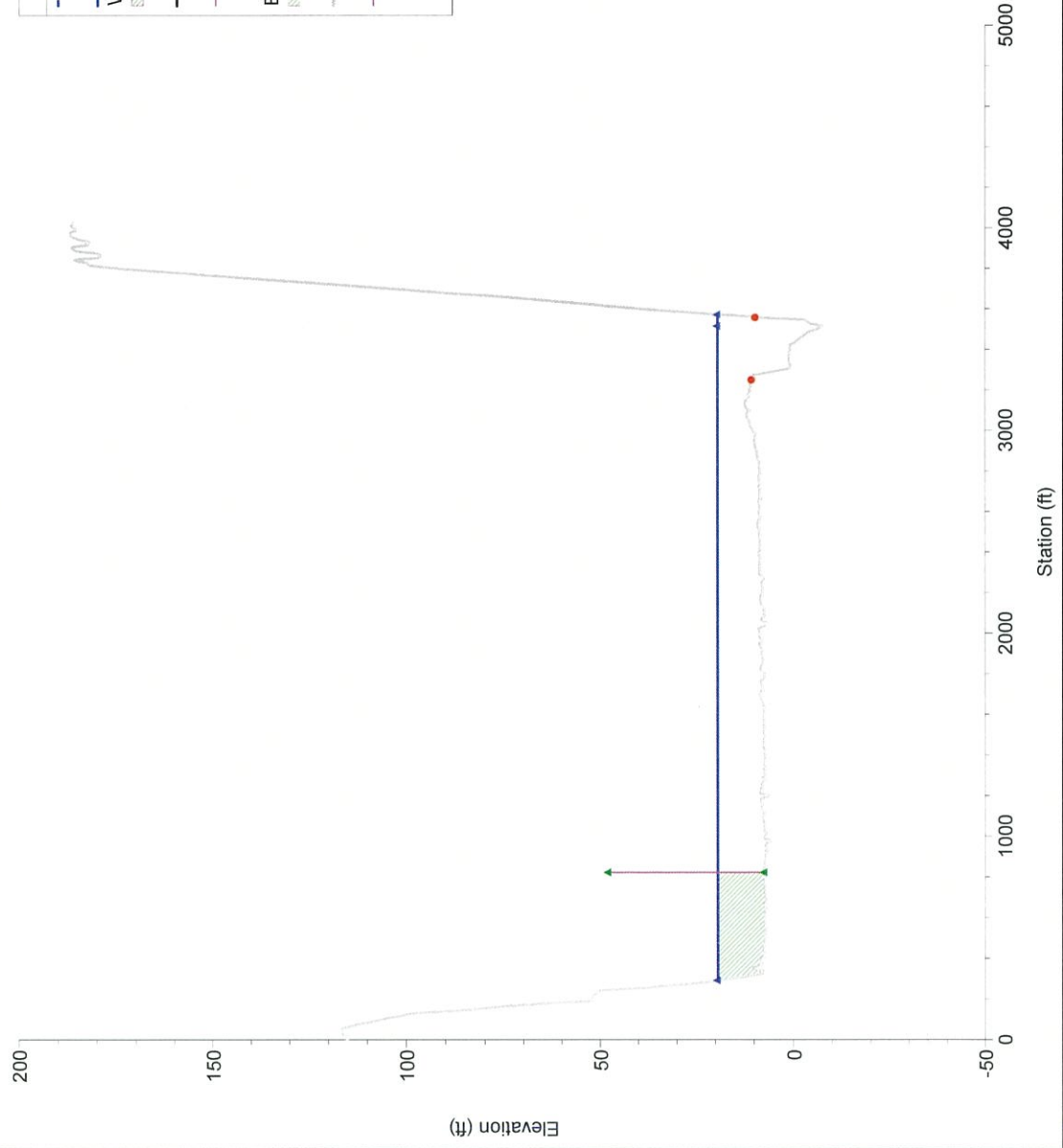


Legend	
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	- Ex. Cond.
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.



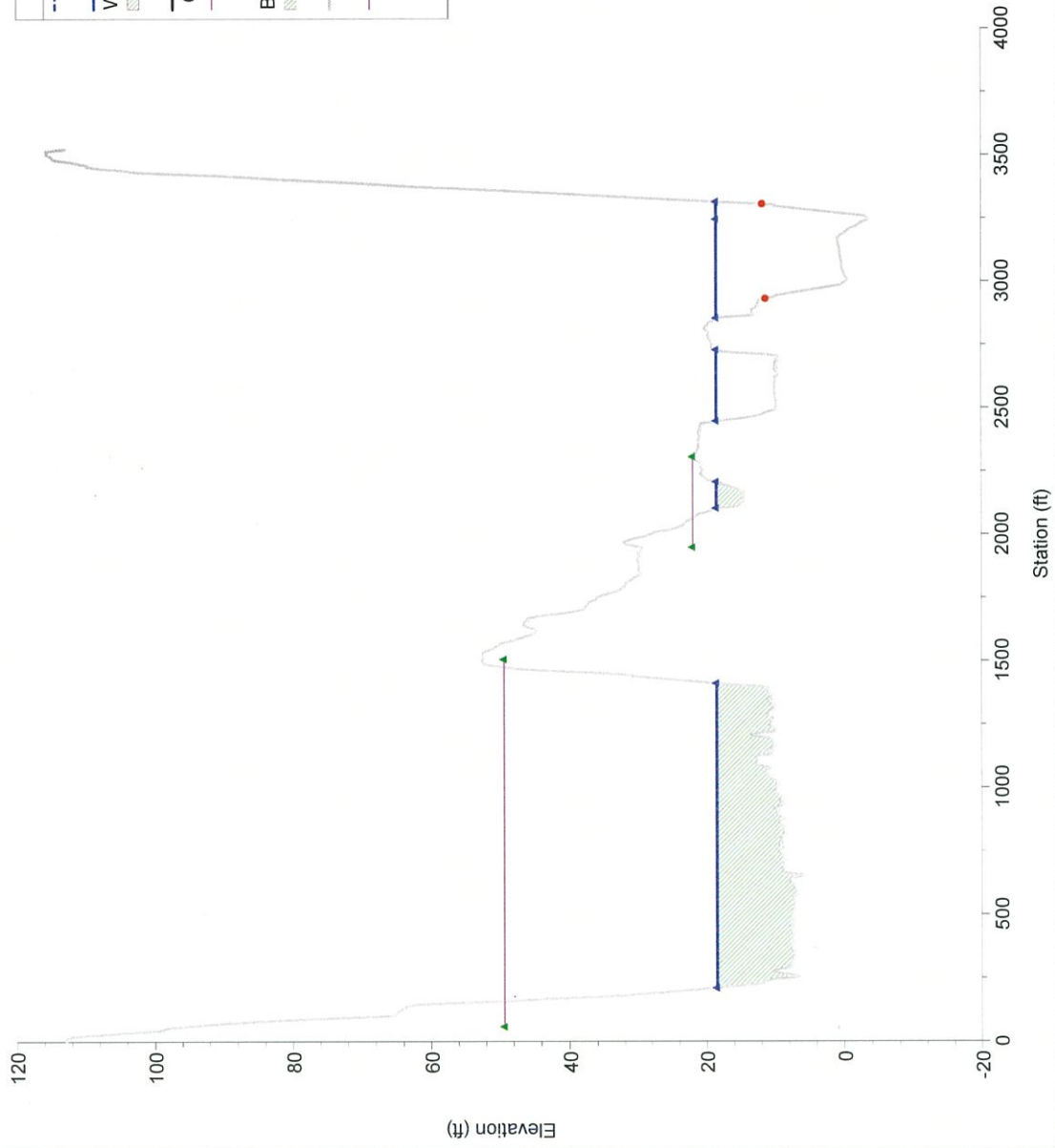
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WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd

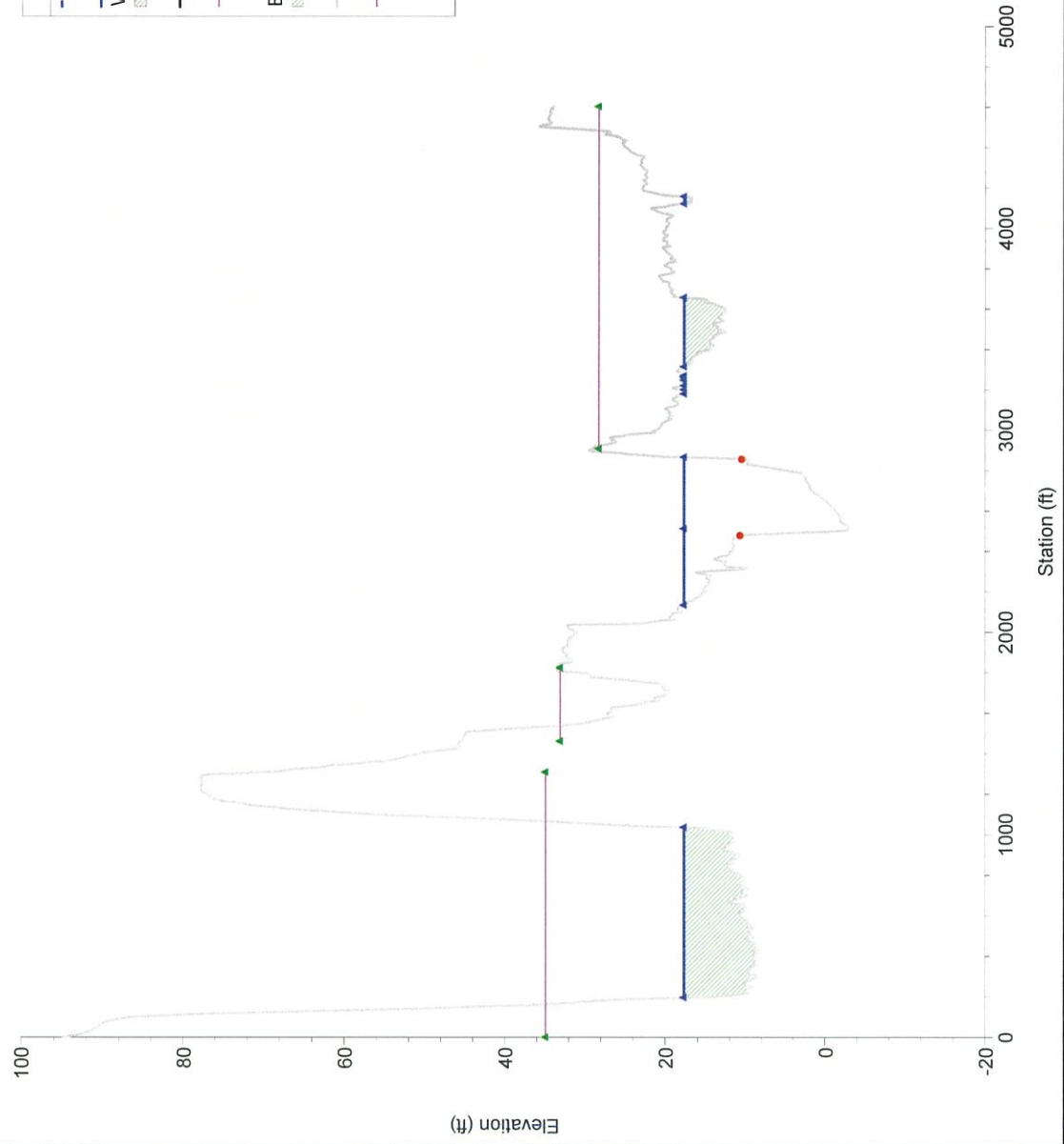


Legend	
WS PF 1 - Ex. Cond.	
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Cross Section D

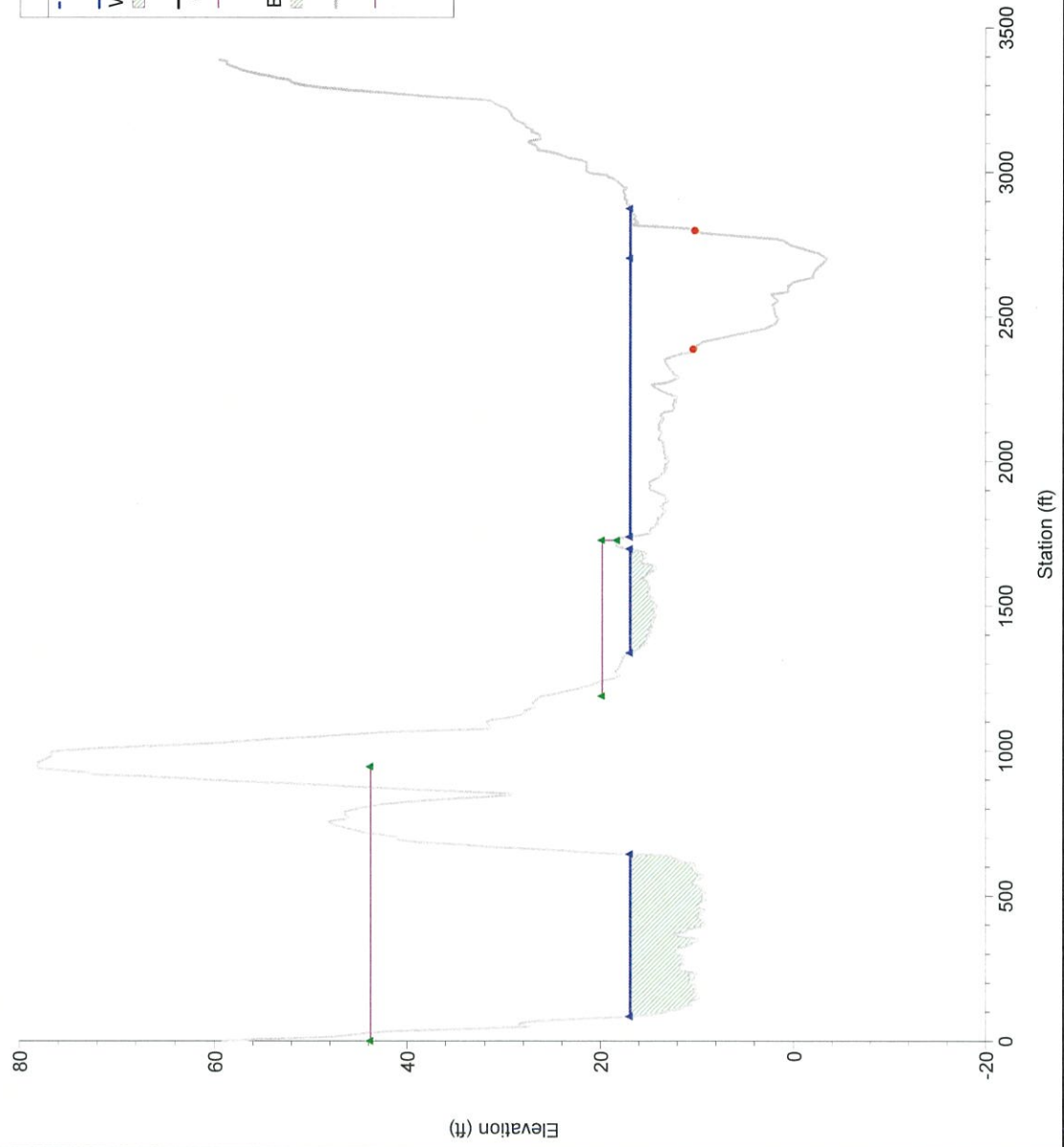


Legend	
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WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	



Legend	
	WS PF 1 - Ex. Cond.
	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd

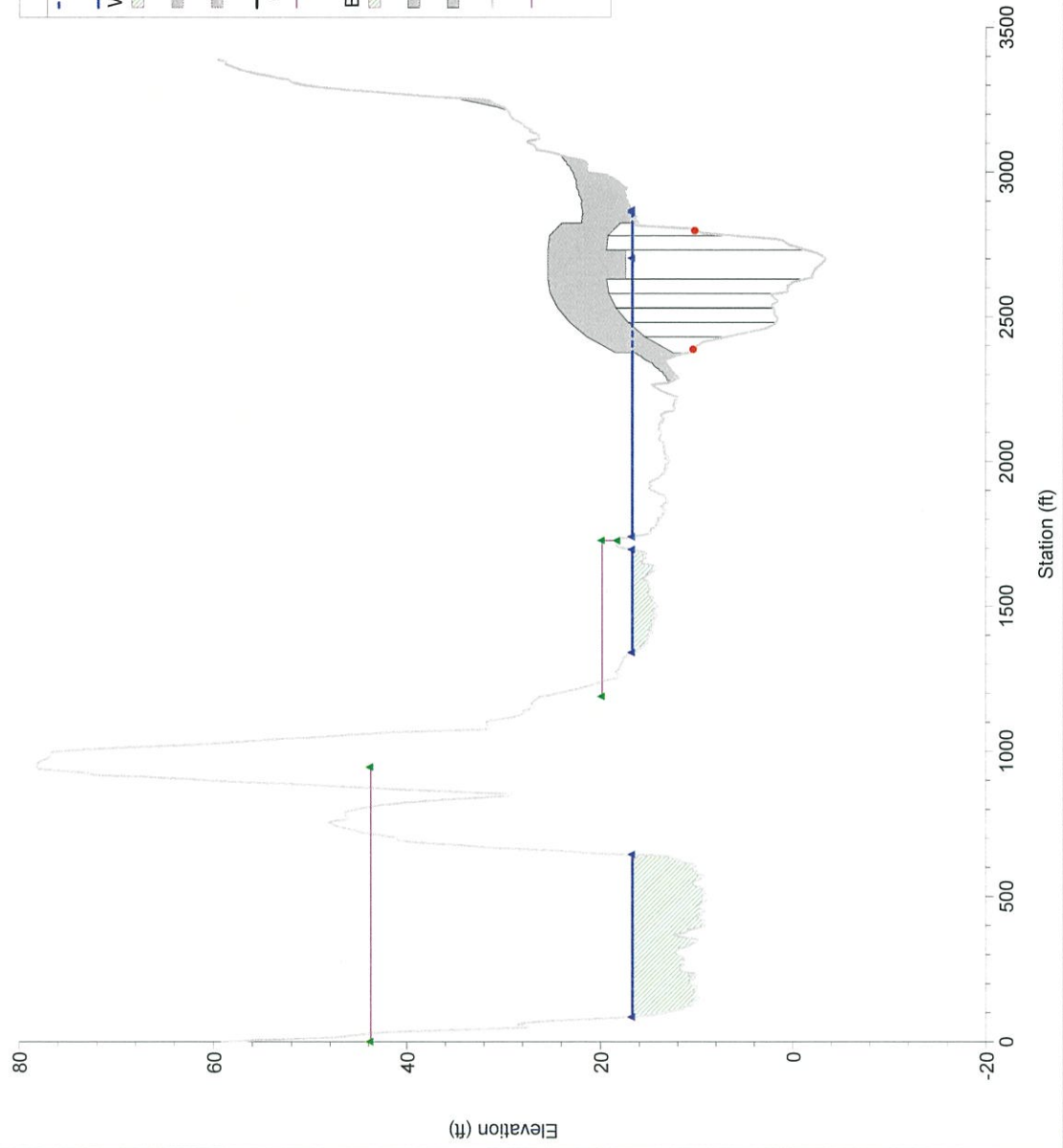


Legend	
WS PF 1 - Ex. Cond.	
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

25-024_PacificCityAirport

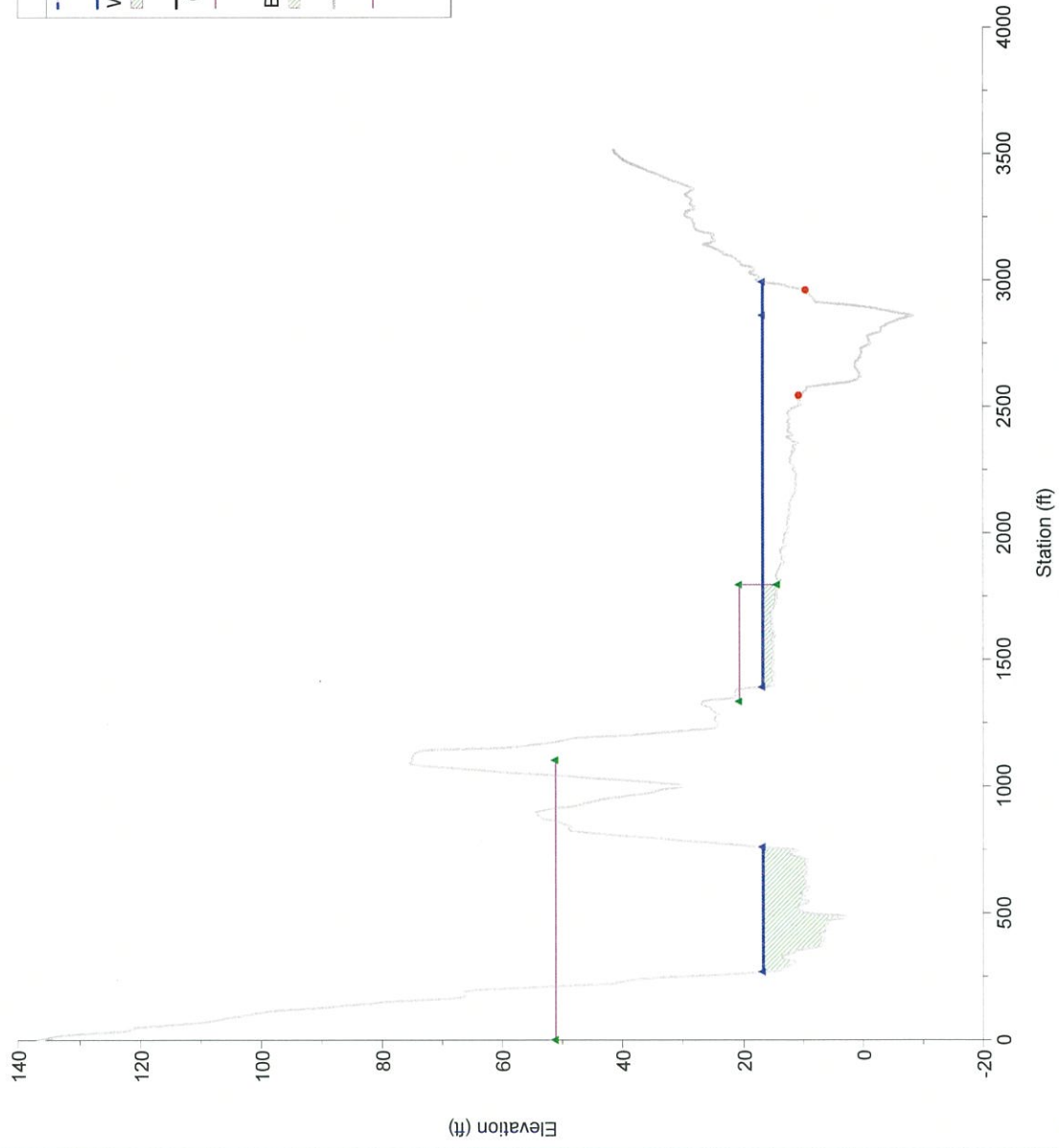
Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd

From Drawings provided by the ODOT and Tillmook Co.



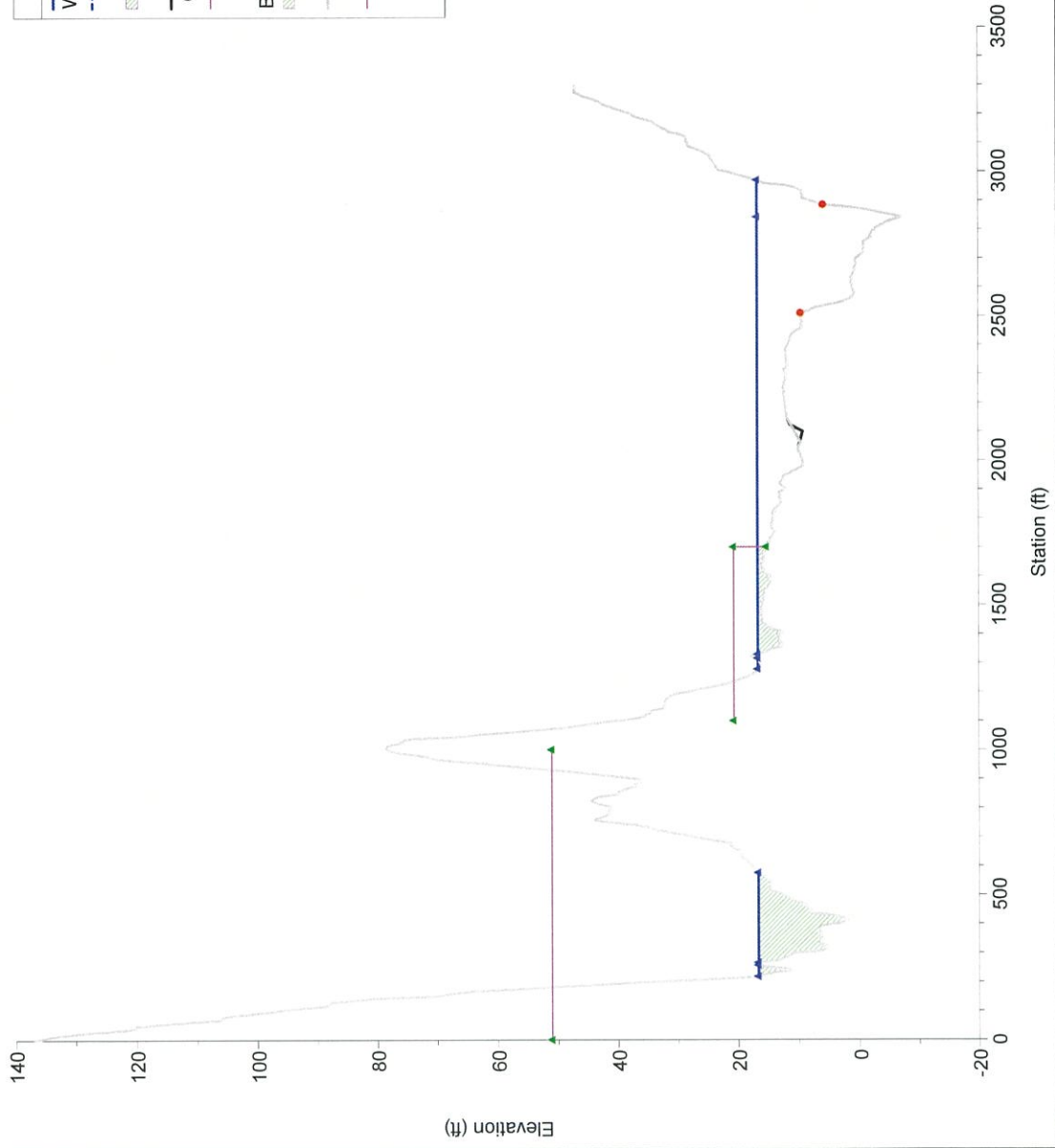
Legend	
WS PF 1 - Ex. Cond.	
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
- Ex. Cond.	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Cross Section B



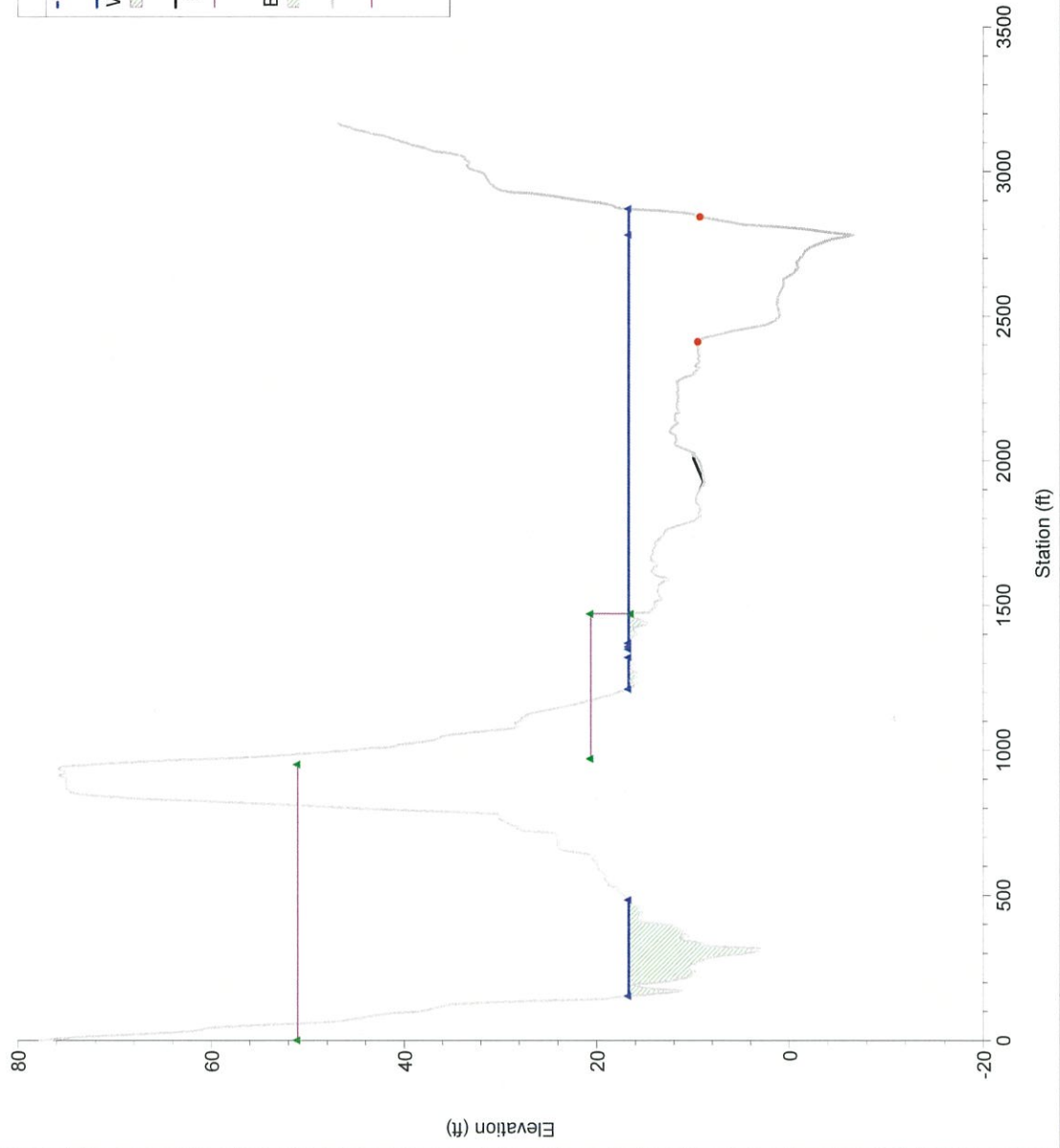
Legend	
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff. - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff. - Ex. Cond.
	Bank Sta - Ex. Cond.

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Added Xsect #1

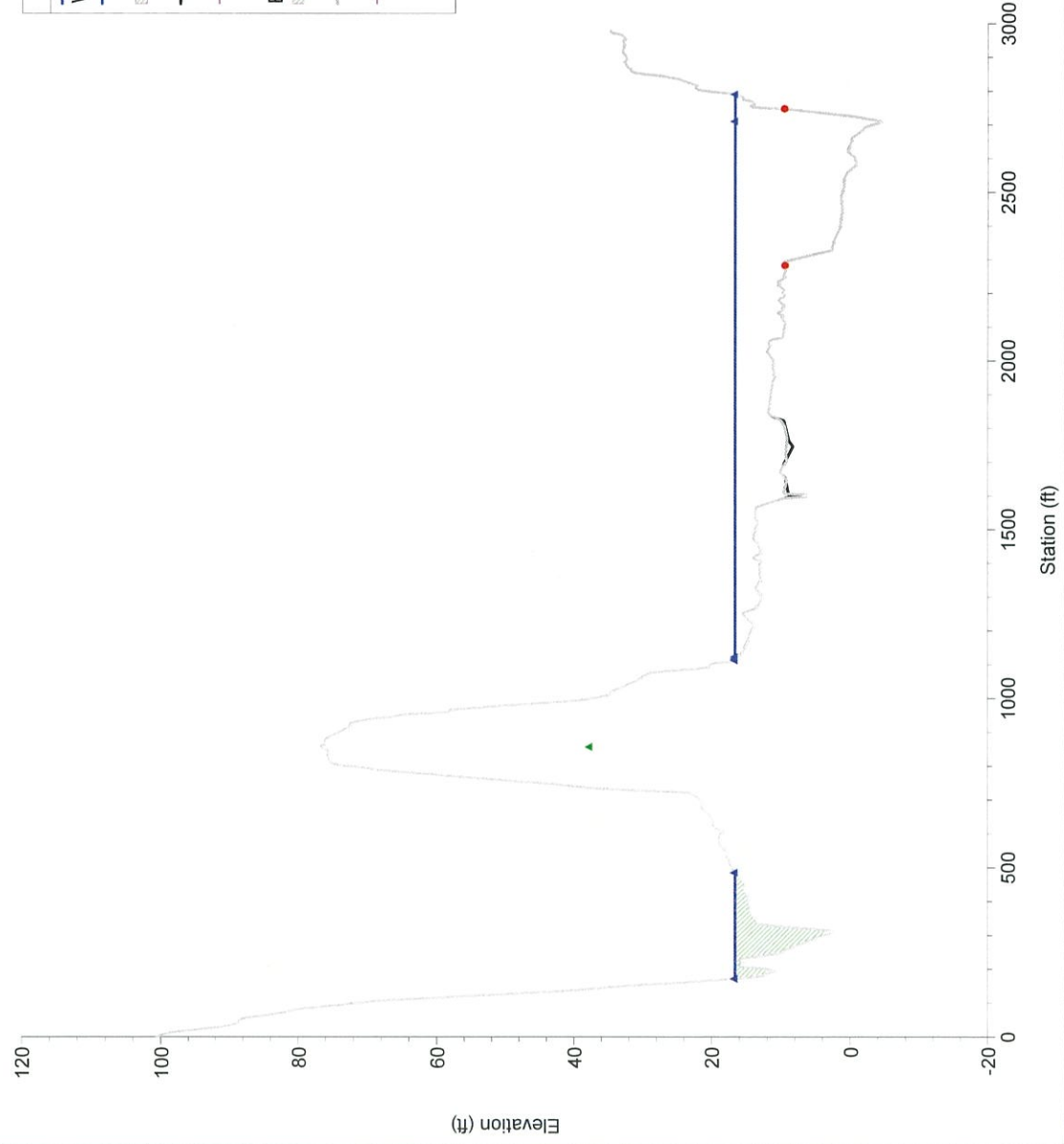


Legend	
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
WS PF 1 - Ex. Cond.	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Added Xsect #2

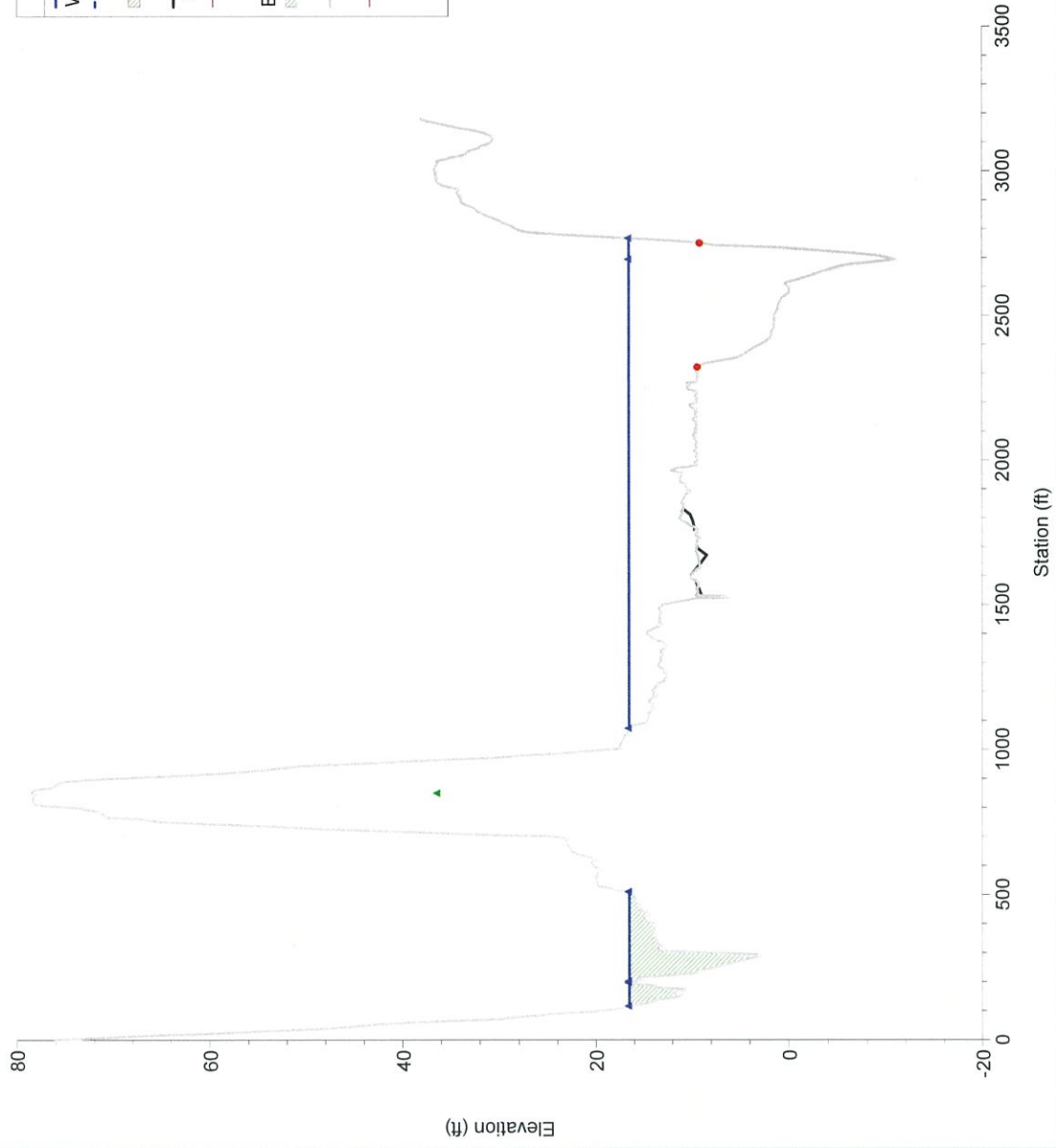


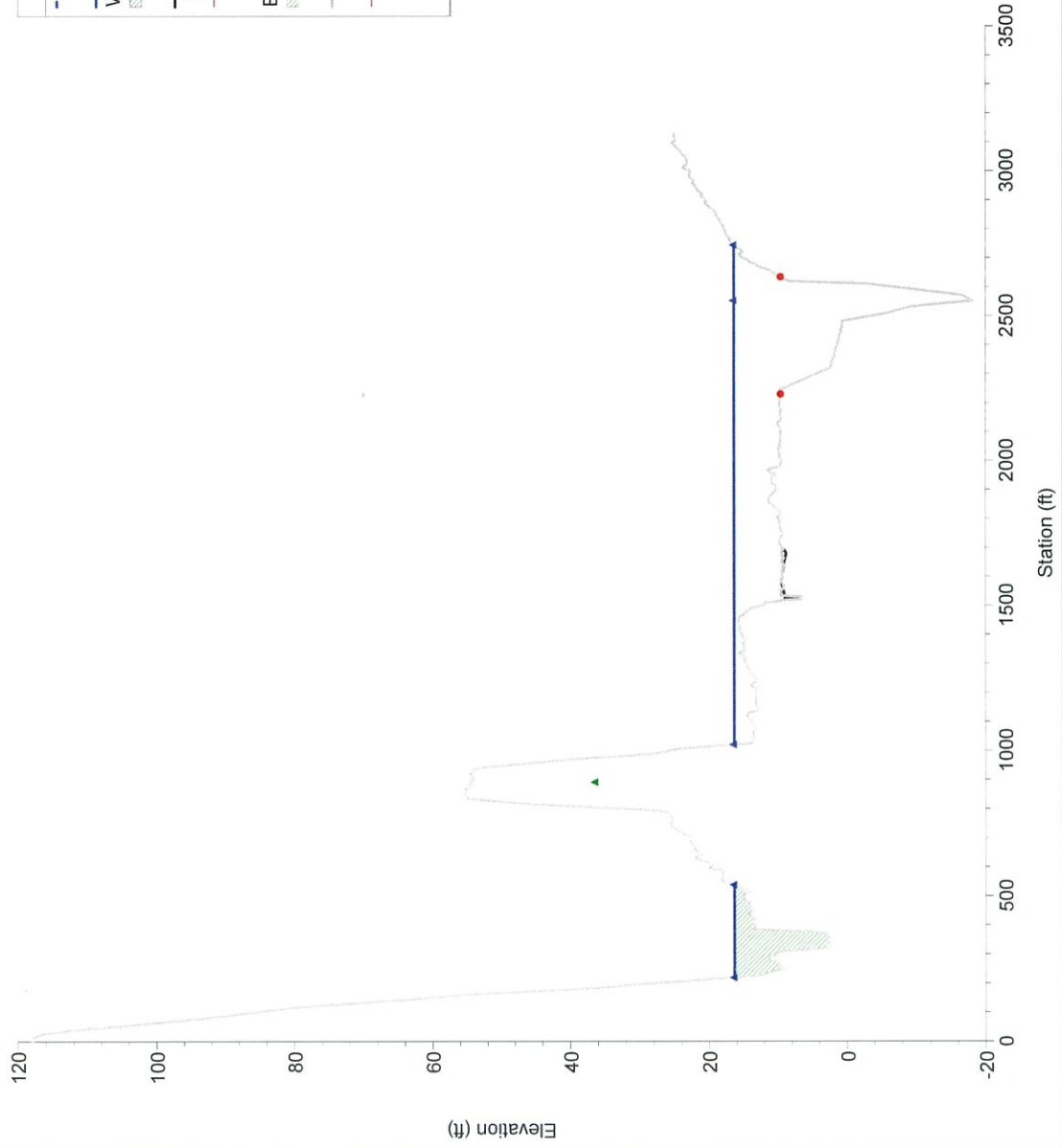
Legend	
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.



Legend	
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd	
WS PF 1 - Ex. Cond.	
- Prop. Cond. Infield, Apron, Access Rd	
Ground - Prop. Cond. Infield, Apron, Access Rd	
Ineff - Prop. Cond. Infield, Apron, Access Rd	
Bank Sta - Prop. Cond. Infield, Apron, Access Rd	
- Ex. Cond.	
Ground - Ex. Cond.	
Ineff - Ex. Cond.	
Bank Sta - Ex. Cond.	

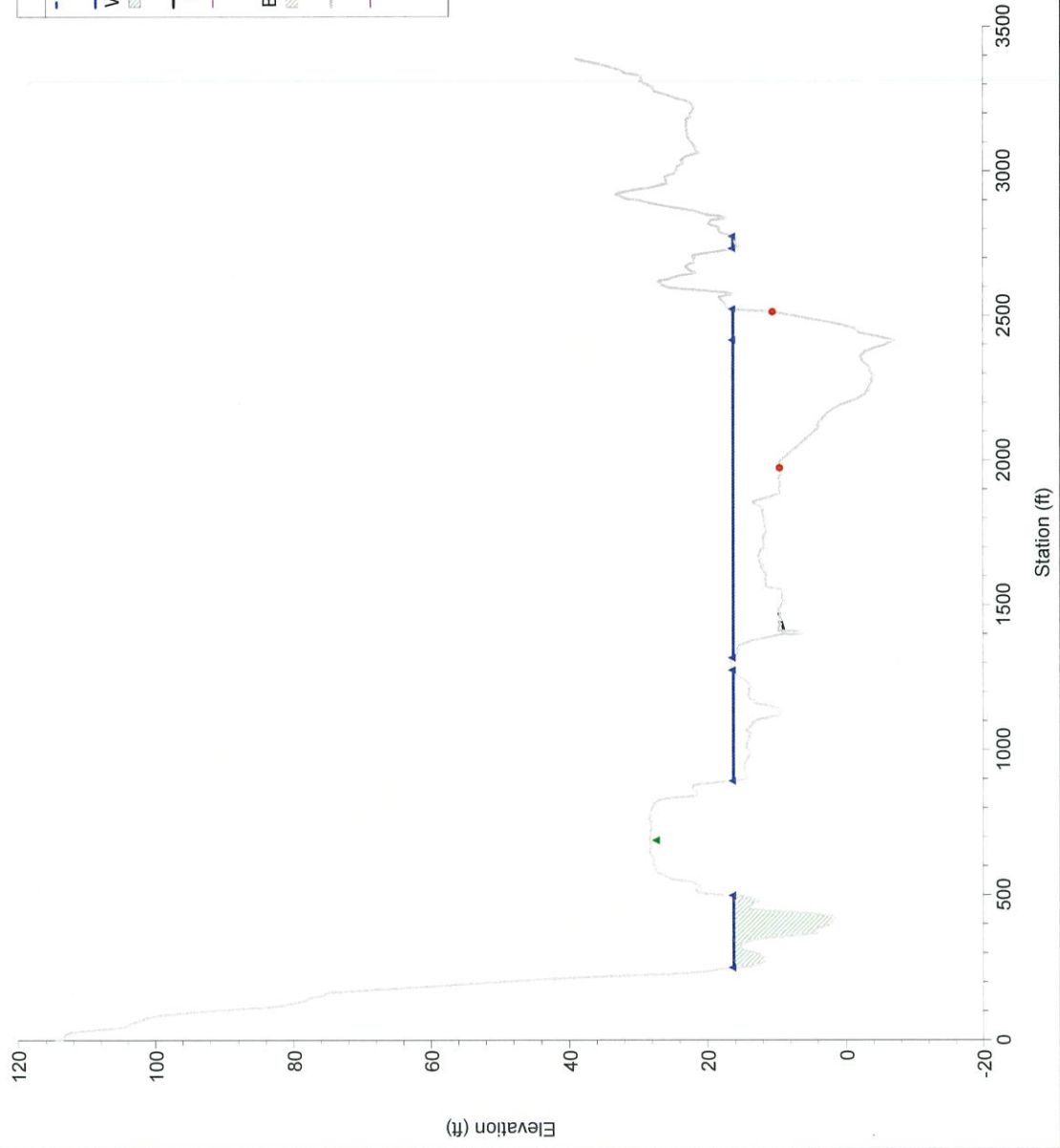
25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Added Xsect #3





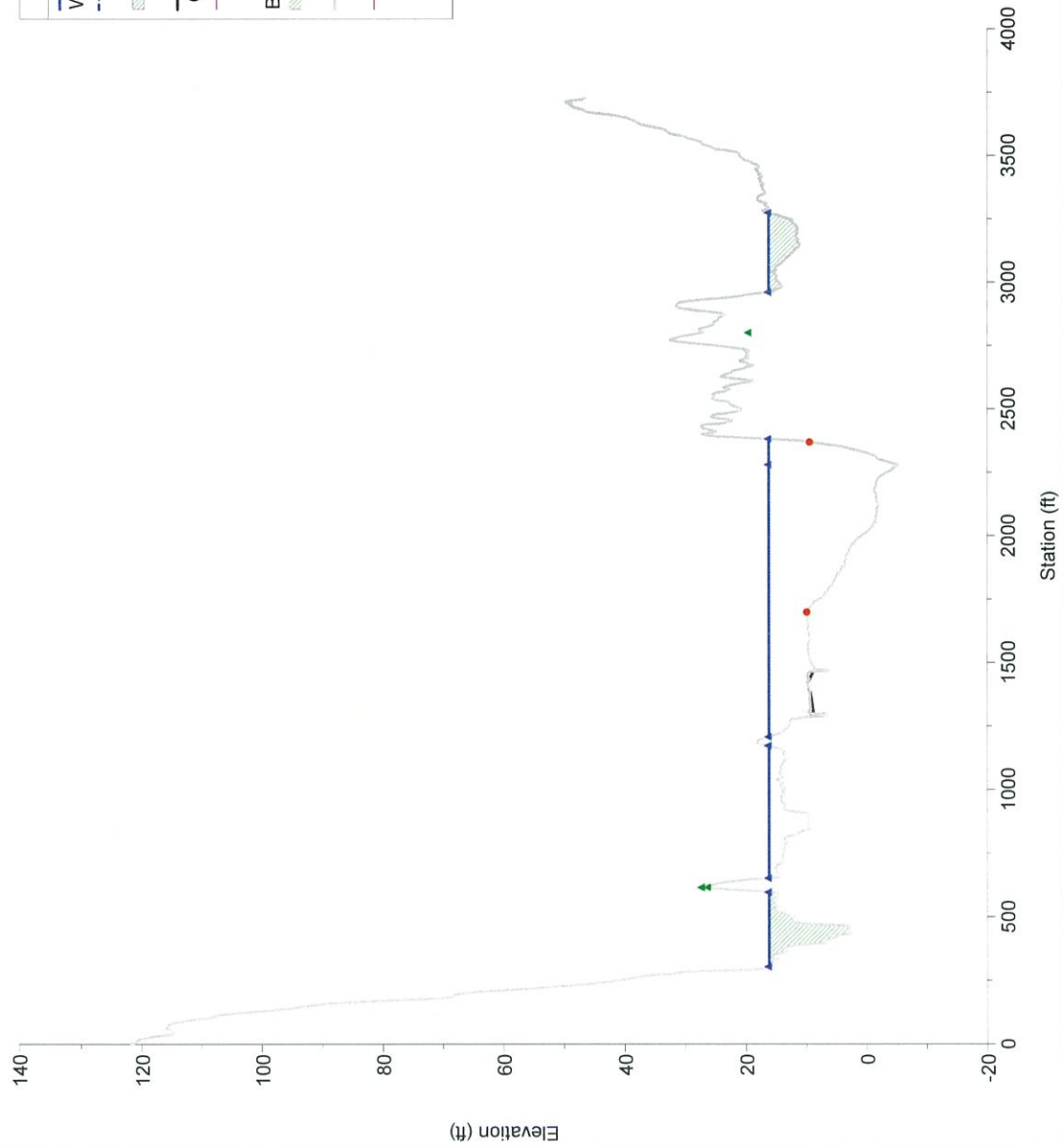
Legend	
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.

25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd

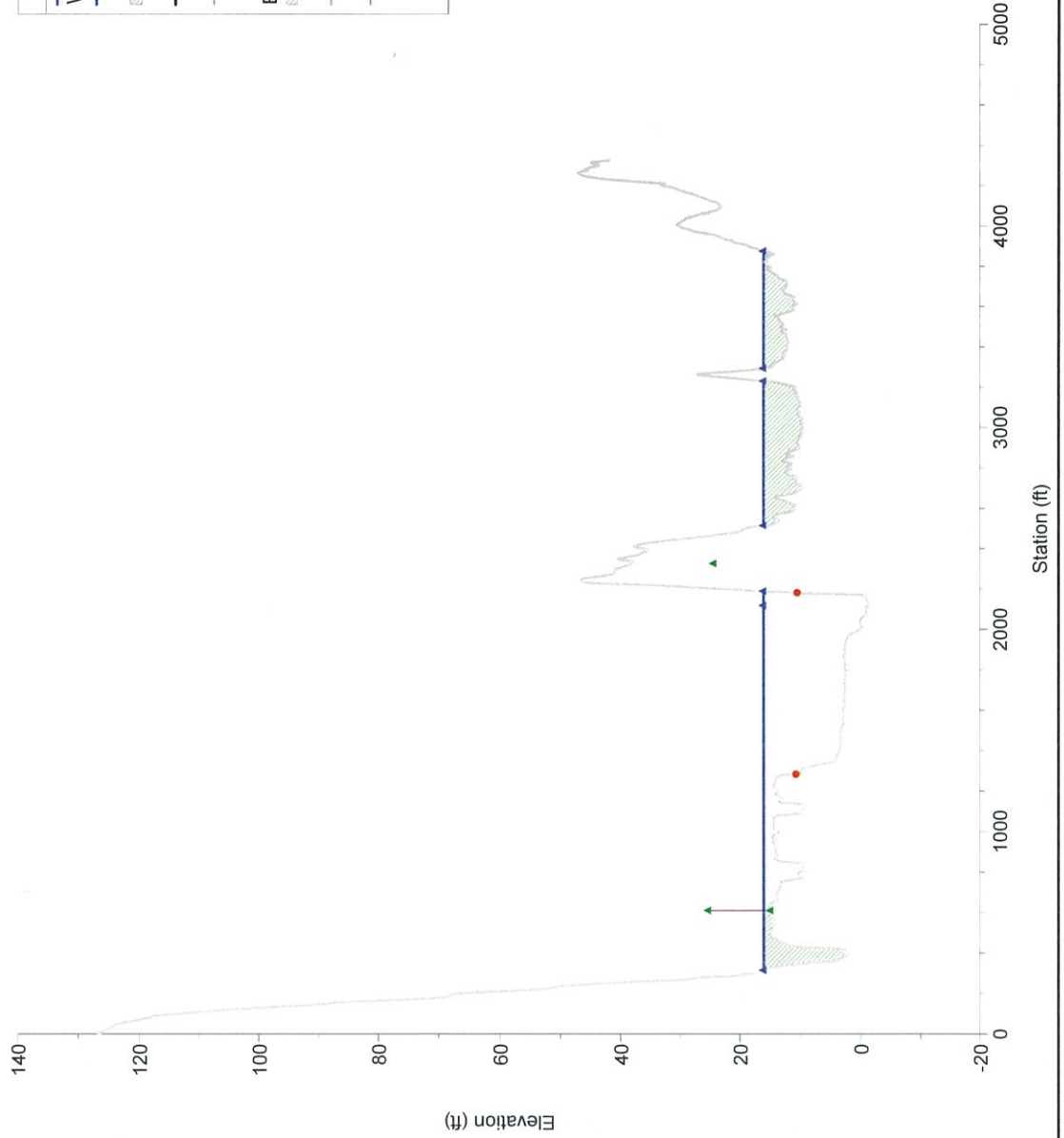


Legend	
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	WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
	- Prop. Cond. Infield, Apron, Access Rd
	Ground - Prop. Cond. Infield, Apron, Access Rd
	Ineff - Prop. Cond. Infield, Apron, Access Rd
	Bank Sta - Prop. Cond. Infield, Apron, Access Rd
	- Ex. Cond.
	Ground - Ex. Cond.
	Ineff - Ex. Cond.
	Bank Sta - Ex. Cond.

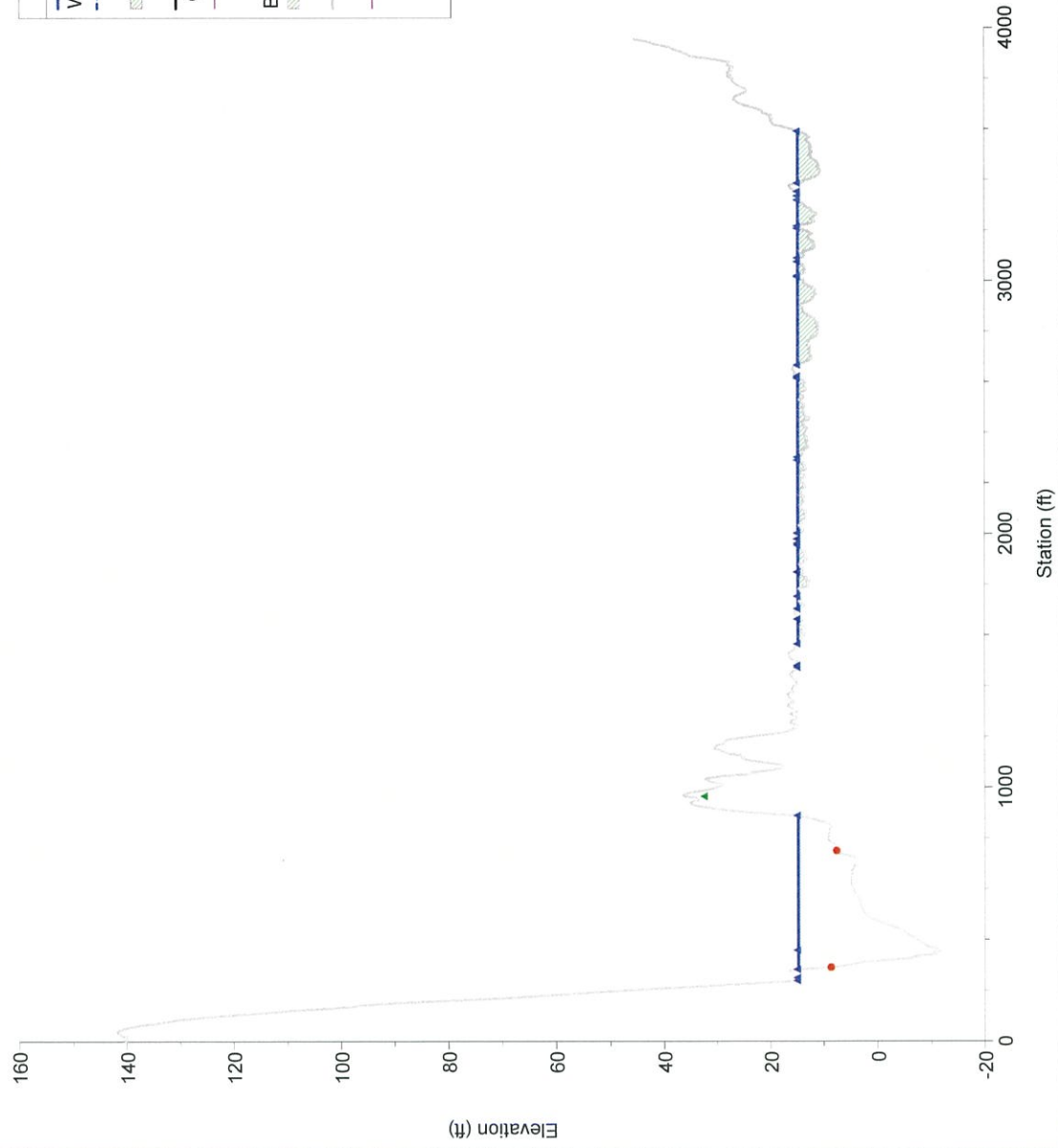
25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
 Added Xsect #4



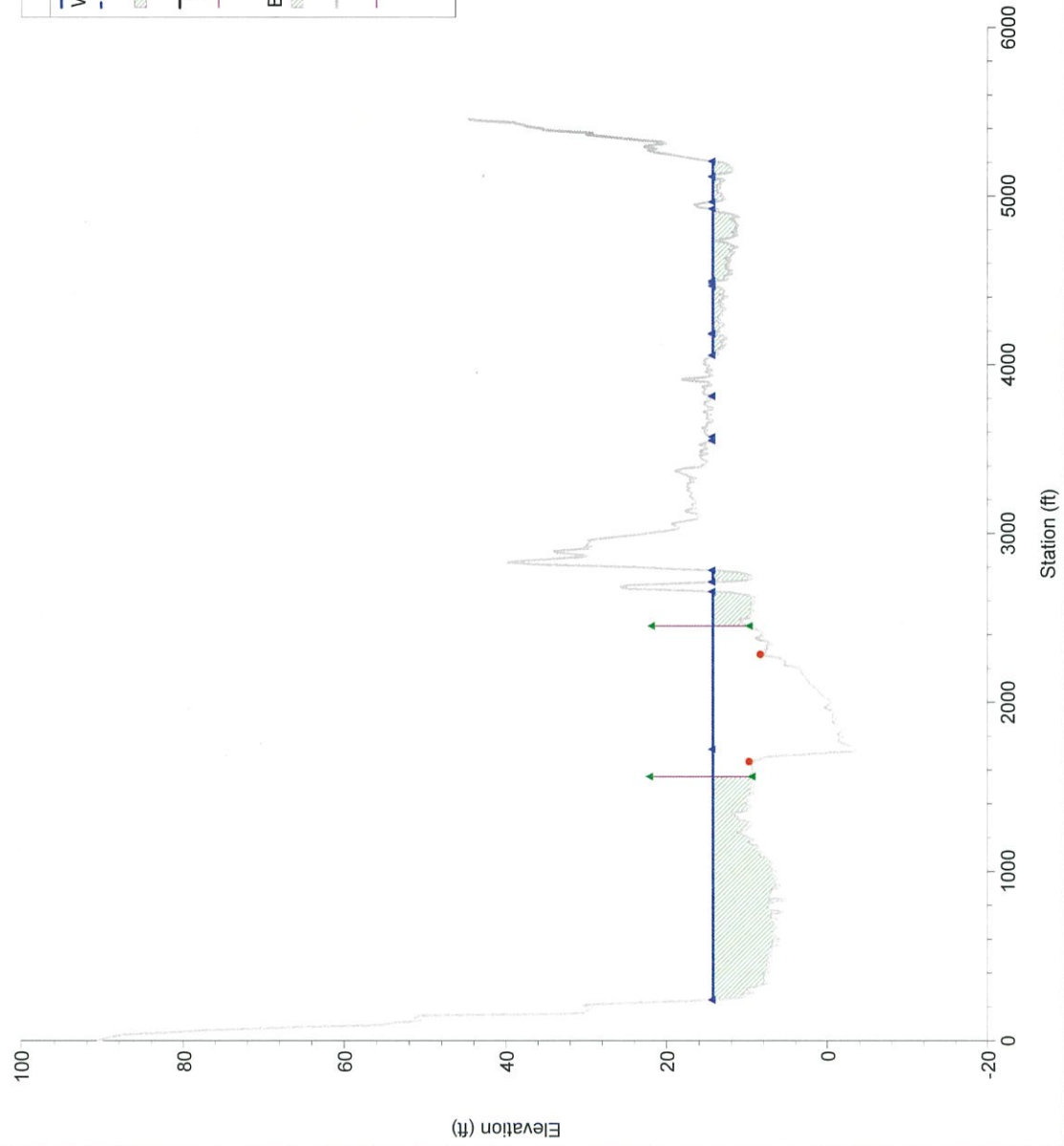
Legend
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WS PF 1 - Ex. Cond.
- Prop. Cond. Infield, Apron, Access Rd
Ground - Prop. Cond. Infield, Apron, Access Rd
Ineff - Prop. Cond. Infield, Apron, Access Rd
Bank Sta - Prop. Cond. Infield, Apron, Access Rd
- Ex. Cond.
Ground - Ex. Cond.
Ineff - Ex. Cond.
Bank Sta - Ex. Cond.



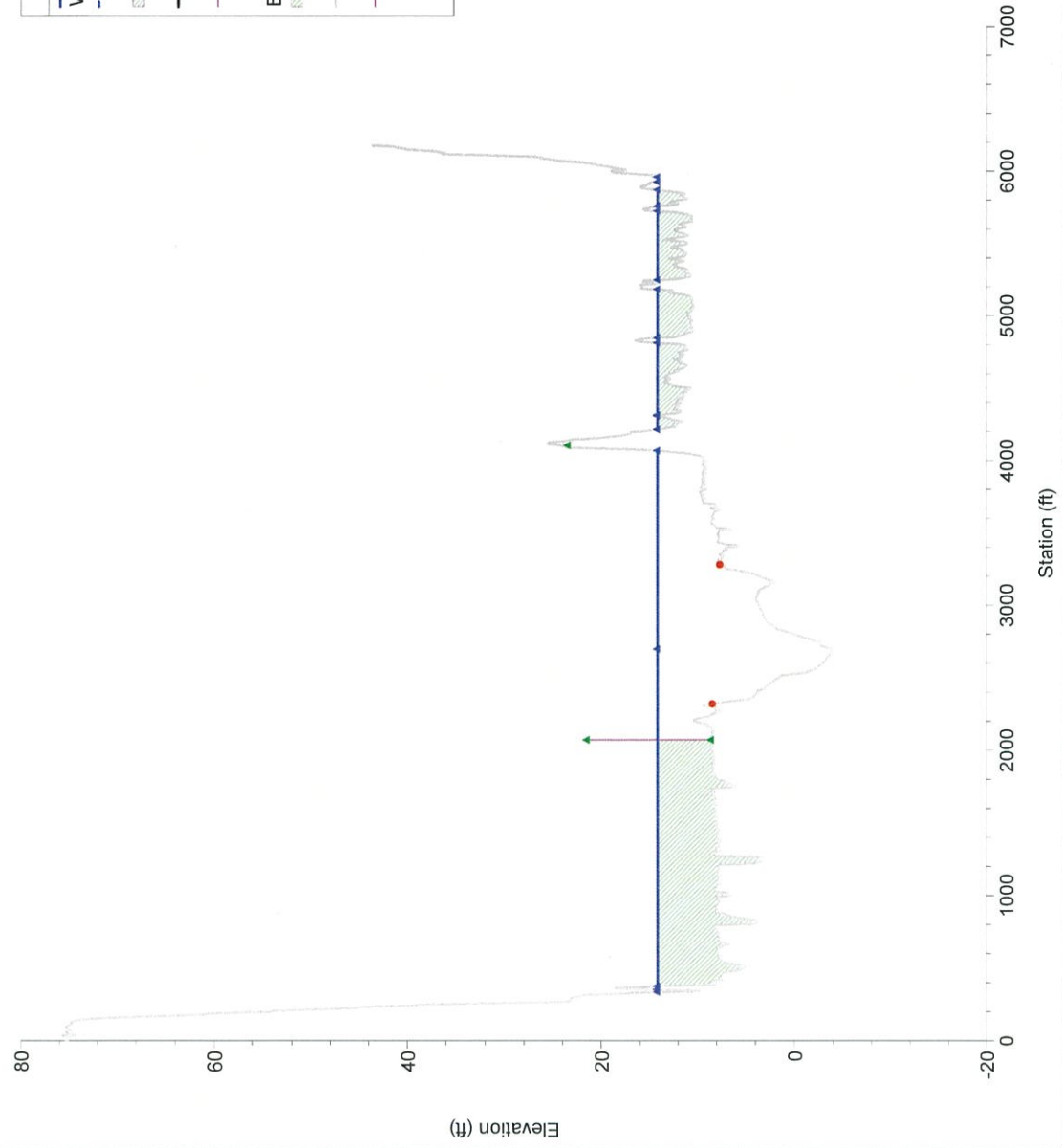
25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd
Cross Section A



Legend
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
WS PF 1 - Ex. Cond.
- Prop. Cond. Infield, Apron, Access Rd
Ground - Prop. Cond. Infield, Apron, Access Rd
Ineff - Prop. Cond. Infield, Apron, Access Rd
Bank Sta - Prop. Cond. Infield, Apron, Access Rd
- Ex. Cond.
Ground - Ex. Cond.
Ineff - Ex. Cond.
Bank Sta - Ex. Cond.



25-024_PacificCityAirport Plan: 1) Ex. Cond. 2) Prop. Cond. Infield, Apron, Access Rd



Legend
WS PF 1 - Prop. Cond. Infield, Apron, Access Rd
WS PF 1 - Ex. Cond.
- Prop. Cond. Infield, Apron, Access Rd
Ground - Prop. Cond. Infield, Apron, Access Rd
Ineff - Prop. Cond. Infield, Apron, Access Rd
Bank Sta - Prop. Cond. Infield, Apron, Access Rd
- Ex. Cond.
Ground - Ex. Cond.
Ineff - Ex. Cond.
Bank Sta - Ex. Cond.

HEC-RAS River: Nestucca River Reach: Lower Profile: PF 1

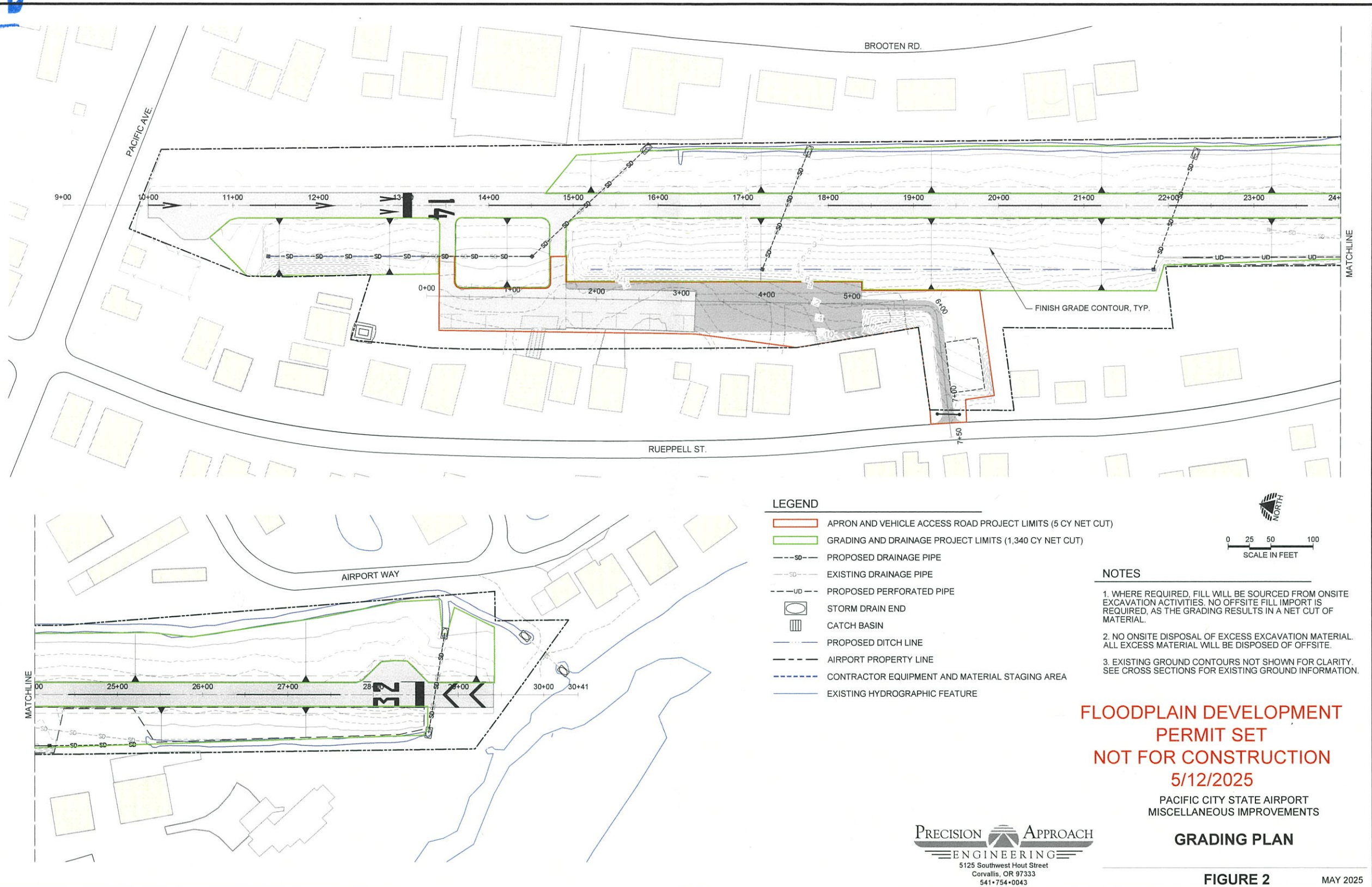
Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Lower	22553.94	PF 1	Ex. Cond.	49700.00	-5.99	20.46	12.22	20.52	0.000091	3.07	32139.55	3642.68	0.11
Lower	22553.94	PF 1	Prop. Cond. Infield Grading Only	49700.00	-5.99	20.46	12.22	20.52	0.000091	3.07	32137.71	3642.64	0.11
Lower	22553.94	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-5.99	20.46	12.22	20.52	0.000091	3.07	32136.94	3642.63	0.11
Lower	22553.94	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-5.99	20.46	12.22	20.52	0.000091	3.07	32139.81	3642.68	0.11
Lower	21008.6	PF 1	Ex. Cond.	49700.00	-8.92	20.05		20.27	0.000262	5.21	17793.75	1743.53	0.20
Lower	21008.6	PF 1	Prop. Cond. Infield Grading Only	49700.00	-8.92	20.05		20.27	0.000262	5.21	17792.52	1743.53	0.20
Lower	21008.6	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-8.92	20.05		20.27	0.000262	5.21	17792.00	1743.53	0.20
Lower	21008.6	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-8.92	20.05		20.27	0.000262	5.21	17793.92	1743.54	0.20
Lower	20157.05	PF 1	Ex. Cond.	49700.00	-9.15	19.90	12.36	20.06	0.000214	4.45	19933.58	2301.74	0.17
Lower	20157.05	PF 1	Prop. Cond. Infield Grading Only	49700.00	-9.15	19.90	12.36	20.06	0.000215	4.45	19932.19	2301.73	0.17
Lower	20157.05	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-9.15	19.90	12.36	20.06	0.000215	4.45	19931.59	2301.73	0.17
Lower	20157.05	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-9.15	19.90	12.36	20.06	0.000214	4.45	19933.78	2301.74	0.17
Lower	19079.89	PF 1	Ex. Cond.	49700.00	-11.85	19.66		19.84	0.000231	5.05	20208.84	1888.63	0.18
Lower	19079.89	PF 1	Prop. Cond. Infield Grading Only	49700.00	-11.85	19.66		19.84	0.000231	5.05	20207.36	1888.63	0.18
Lower	19079.89	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-11.85	19.66		19.84	0.000231	5.05	20206.72	1888.63	0.18
Lower	19079.89	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-11.85	19.66		19.84	0.000231	5.05	20209.05	1888.63	0.18
Lower	18019.8	PF 1	Ex. Cond.	49700.00	-7.69	19.49	11.35	19.63	0.000189	4.34	22091.75	2667.73	0.16
Lower	18019.8	PF 1	Prop. Cond. Infield Grading Only	49700.00	-7.69	19.49	11.35	19.63	0.000189	4.34	22090.07	2667.72	0.16
Lower	18019.8	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-7.69	19.49	11.35	19.63	0.000189	4.34	22089.34	2667.72	0.16
Lower	18019.8	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-7.69	19.49	11.35	19.63	0.000189	4.34	22092.00	2667.73	0.16
Lower	17875.97	PF 1	Ex. Cond.	49700.00	-7.60	19.48	11.05	19.61	0.000170	4.15	22961.89	2676.55	0.16
Lower	17875.97	PF 1	Prop. Cond. Infield Grading Only	49700.00	-7.60	19.47	11.05	19.60	0.000170	4.15	22960.13	2676.54	0.16
Lower	17875.97	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-7.60	19.47	11.05	19.60	0.000170	4.15	22959.38	2676.54	0.16
Lower	17875.97	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-7.60	19.48	11.05	19.61	0.000170	4.15	22962.15	2676.55	0.16
Lower	17653.2	PF 1	Ex. Cond.	49700.00	-4.67	19.49	11.28	19.56	0.000096	3.23	29153.07	3181.38	0.12
Lower	17653.2	PF 1	Prop. Cond. Infield Grading Only	49700.00	-4.67	19.49	11.28	19.56	0.000096	3.23	29150.86	3181.38	0.12
Lower	17653.2	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-4.67	19.49	11.28	19.56	0.000096	3.23	29149.92	3181.38	0.12
Lower	17653.2	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-4.67	19.49	11.28	19.56	0.000096	3.23	29153.39	3181.39	0.12
Lower	15949.74	PF 1	Ex. Cond.	49700.00	-7.67	19.44	9.86	19.47	0.000033	1.91	46555.91	4377.48	0.07
Lower	15949.74	PF 1	Prop. Cond. Infield Grading Only	49700.00	-7.67	19.44	9.86	19.47	0.000033	1.91	46552.63	4377.48	0.07
Lower	15949.74	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-7.67	19.44	9.86	19.46	0.000033	1.91	46551.21	4377.48	0.07
Lower	15949.74	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-7.67	19.44	9.86	19.47	0.000033	1.91	46556.40	4377.48	0.07
Lower	14728.64	PF 1	Ex. Cond.	49700.00	-9.90	19.39	10.23	19.43	0.000044	2.47	37160.20	3854.96	0.09
Lower	14728.64	PF 1	Prop. Cond. Infield Grading Only	49700.00	-9.90	19.39	10.23	19.43	0.000044	2.47	37157.27	3854.95	0.09
Lower	14728.64	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-9.90	19.39	10.23	19.43	0.000044	2.47	37156.02	3854.94	0.09
Lower	14728.64	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-9.90	19.39	10.23	19.43	0.000044	2.47	37160.63	3854.96	0.09
Lower	14621.23		Bridge										
Lower	14544.91	PF 1	Ex. Cond.	49700.00	-8.62	19.37	10.32	19.41	0.000046	2.55	36743.34	3870.27	0.10
Lower	14544.91	PF 1	Prop. Cond. Infield Grading Only	49700.00	-8.62	19.37	10.32	19.41	0.000046	2.55	36740.40	3870.26	0.10
Lower	14544.91	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-8.62	19.37	10.32	19.41	0.000046	2.55	36739.14	3870.25	0.10
Lower	14544.91	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-8.62	19.37	10.32	19.41	0.000046	2.55	36743.77	3870.27	0.10
Lower	13541.26	PF 1	Ex. Cond.	49700.00	-7.81	19.32	10.21	19.37	0.000052	2.51	32657.80	3280.20	0.10
Lower	13541.26	PF 1	Prop. Cond. Infield Grading Only	49700.00	-7.81	19.32	10.21	19.37	0.000052	2.51	32655.44	3280.19	0.10
Lower	13541.26	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-7.81	19.32	10.21	19.37	0.000052	2.51	32654.43	3280.19	0.10
Lower	13541.26	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-7.81	19.32	10.21	19.37	0.000052	2.51	32658.15	3280.20	0.10
Lower	12396	PF 1	Ex. Cond.	49700.00	-3.59	18.45		19.17	0.000468	7.09	9055.87	2047.47	0.30
Lower	12396	PF 1	Prop. Cond. Infield Grading Only	49700.00	-3.59	18.45		19.17	0.000468	7.09	9055.13	2047.42	0.30
Lower	12396	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-3.59	18.45		19.17	0.000468	7.09	9054.82	2047.40	0.30
Lower	12396	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-3.59	18.45		19.17	0.000468	7.09	9055.98	2047.47	0.30
Lower	11367.2	PF 1	Ex. Cond.	49700.00	-3.05	17.67	9.50	18.60	0.000629	7.86	7488.38	2005.22	0.35
Lower	11367.2	PF 1	Prop. Cond. Infield Grading Only	49700.00	-3.05	17.67	9.50	18.59	0.000629	7.87	7487.50	2005.00	0.35
Lower	11367.2	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-3.05	17.67	9.50	18.59	0.000629	7.87	7487.12	2004.91	0.35
Lower	11367.2	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-3.05	17.67	9.50	18.60	0.000629	7.86	7488.50	2005.26	0.35
Lower	10048.77	PF 1	Ex. Cond.	49700.00	-3.49	16.90	9.18	17.74	0.000631	7.58	8587.98	2053.80	0.34
Lower	10048.77	PF 1	Prop. Cond. Infield Grading Only	49700.00	-3.49	16.89	9.18	17.74	0.000631	7.58	8586.23	2053.64	0.34
Lower	10048.77	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-3.49	16.89	9.18	17.74	0.000632	7.58	8585.49	2053.56	0.34
Lower	10048.77	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-3.49	16.90	9.18	17.74	0.000631	7.58	8588.23	2053.83	0.34
Lower	9942.323		Bridge										
Lower	9904.361	PF 1	Ex. Cond.	49700.00	-8.44	16.74	8.05	17.44	0.000553	6.98	9927.71	2093.28	0.31
Lower	9904.361	PF 1	Prop. Cond. Infield Grading Only	49700.00	-8.44	16.74	8.05	17.44	0.000553	6.98	9925.77	2093.27	0.31
Lower	9904.361	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-8.44	16.74	8.05	17.44	0.000553	6.98	9924.95	2093.26	0.31
Lower	9904.361	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-8.44	16.74	8.05	17.44	0.000553	6.98	9927.99	2093.28	0.31
Lower	9617	PF 1	Ex. Cond.	49700.00	-7.30	16.68	8.11	17.23	0.000437	6.50	10713.89	2026.88	0.28
Lower	9617	PF 1	Prop. Cond. Infield Grading Only	49700.00	-7.30	16.68	8.11	17.22	0.000433	6.48	10751.04	2027.02	0.28
Lower	9617	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-7.30	16.68	8.11	17.22	0.000433	6.48	10750.15	2026.98	0.28
Lower	9617	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-7.30	16.68	8.11	17.23	0.000437	6.50	10714.19	2026.90	0.28
Lower	9413	PF 1	Ex. Cond.	49700.00	-6.62	16.70	8.17	17.10	0.000355	5.65	11898.51	1950.63	0.25
Lower	9413	PF 1	Prop. Cond. Infield Grading Only	49700.00	-6.62	16.69	8.17	17.10	0.000358	5.67	11861.67	1948.73	0.25
Lower	9413	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-6.62	16.69	8.17	17.10	0.000358	5.67	11860.68	1949.60	0.25
Lower	9413	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-6.62	16.70	8.17	17.10	0.000355	5.65	11899.55	1960.07	0.25
Lower	8988.11	PF 1	Ex. Cond.	49700.00	-4.80	16.59	8.17	16.94	0.000329	5.35	13004.97	1984.61	0.24
Lower	8988.11	PF 1	Prop. Cond. Infield Grading Only	49700.00	-4.80	16.59	8.16	16.94	0.000327	5.33	13036.10	1984.60	0.24
Lower	8988.11	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-4.80	16.59	8.16	16.94	0.000324	5.31	13051.67	1984.95	0.24
Lower	8988.11	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-4.80	16.59	8.17	16.94	0.000330	5.36	12995.27	1984.54	0.24
Lower	8619	PF 1	Ex. Cond.	49700.00	-11.01	16.50	7.73	16.82	0.000298	5.22	13617.78	2082.25	0.23
Lower	8619	PF 1	Prop. Cond. Infield Grading Only	49700.00	-11.01	16.50	7.72	16.82	0.000297	5.21	13640.66	2082.22	0.23
Lower	8619	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-11.01	16.50	7.72	16.82	0.000292	5.17	13692.31	2082.64	0.23

HEC-RAS River: Nestucca River Reach: Lower Profile: PF 1 (Continued)

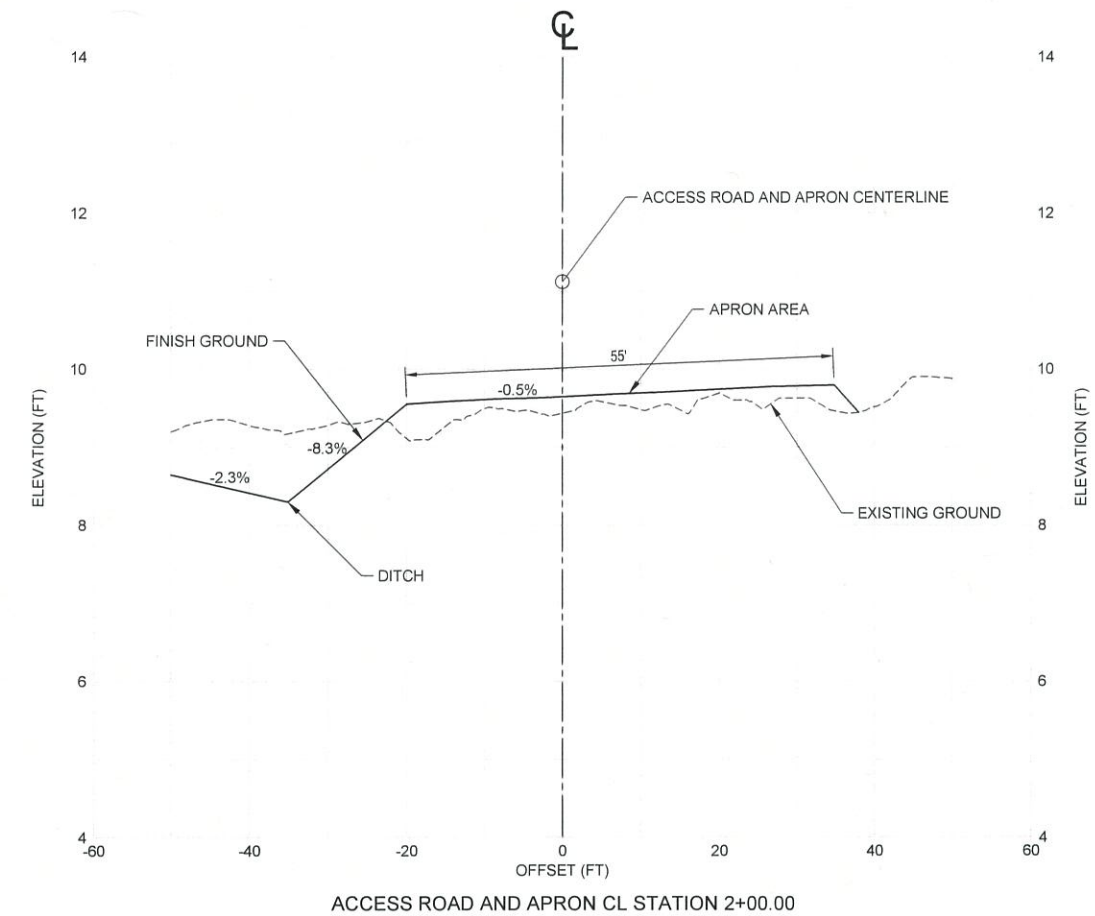
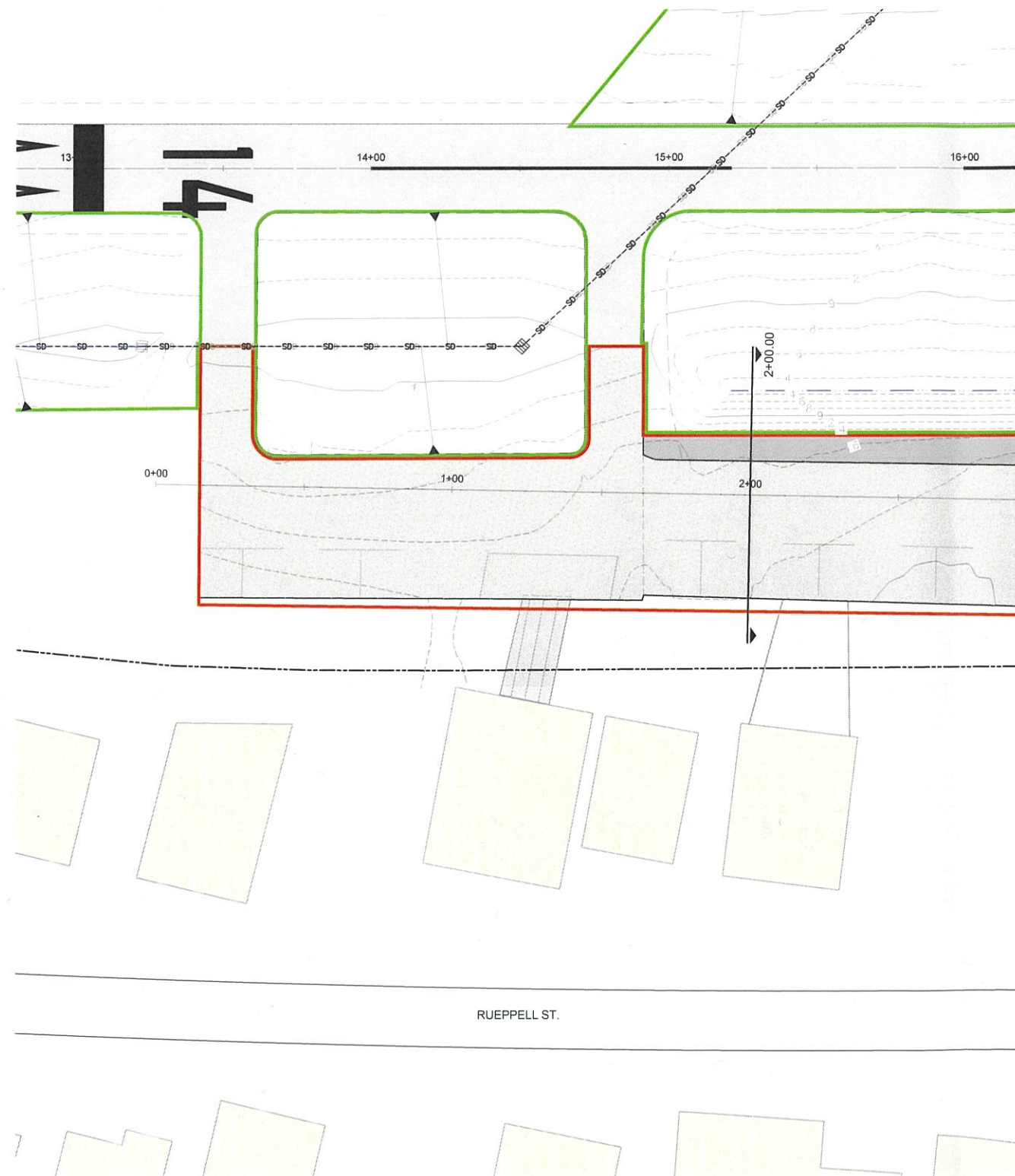
Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Lower	8619	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-11.01	16.50	7.73	16.82	0.000298	5.22	13618.88	2082.25	0.23
Lower	8192.259	PF 1	Ex. Cond.	49700.00	-18.19	16.33	6.30	16.69	0.000305	5.44	13071.82	2041.45	0.23
Lower	8192.259	PF 1	Prop. Cond. Infield Grading Only	49700.00	-18.19	16.33	6.29	16.69	0.000305	5.44	13081.31	2041.43	0.23
Lower	8192.259	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-18.19	16.33	6.29	16.69	0.000305	5.44	13081.31	2041.43	0.23
Lower	8192.259	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-18.19	16.33	6.30	16.69	0.000305	5.44	13071.82	2041.45	0.23
Lower	7839.108	PF 1	Ex. Cond.	49700.00	-6.96	16.23	6.78	16.59	0.000309	5.15	12548.18	1877.81	0.23
Lower	7839.108	PF 1	Prop. Cond. Infield Grading Only	49700.00	-6.96	16.23	6.78	16.58	0.000308	5.15	12564.08	1877.79	0.23
Lower	7839.108	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-6.96	16.23	6.78	16.58	0.000308	5.15	12564.08	1877.79	0.23
Lower	7839.108	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-6.96	16.23	6.78	16.59	0.000309	5.15	12548.18	1877.81	0.23
Lower	7452	PF 1	Ex. Cond.	49700.00	-5.17	16.20	6.70	16.45	0.000229	4.32	14369.48	2300.84	0.20
Lower	7452	PF 1	Prop. Cond. Infield Grading Only	49700.00	-5.17	16.20	6.70	16.45	0.000227	4.30	14414.67	2300.88	0.20
Lower	7452	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-5.17	16.20	6.70	16.45	0.000227	4.30	14414.67	2300.88	0.20
Lower	7452	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-5.17	16.20	6.70	16.45	0.000229	4.32	14369.48	2300.84	0.20
Lower	6628.945	PF 1	Ex. Cond.	49700.00	-1.36	16.04	6.84	16.27	0.000208	3.91	14212.34	3171.30	0.19
Lower	6628.945	PF 1	Prop. Cond. Infield Grading Only	49700.00	-1.36	16.04	6.84	16.27	0.000208	3.91	14212.34	3171.30	0.19
Lower	6628.945	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-1.36	16.04	6.84	16.27	0.000208	3.91	14212.34	3171.30	0.19
Lower	6628.945	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-1.36	16.04	6.84	16.27	0.000208	3.91	14212.34	3171.30	0.19
Lower	4746.314	PF 1	Ex. Cond.	49700.00	-11.72	14.76	7.45	15.56	0.000672	7.30	7417.25	2442.34	0.34
Lower	4746.314	PF 1	Prop. Cond. Infield Grading Only	49700.00	-11.72	14.76	7.45	15.56	0.000672	7.30	7417.25	2442.34	0.34
Lower	4746.314	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-11.72	14.76	7.45	15.56	0.000672	7.30	7417.25	2442.34	0.34
Lower	4746.314	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-11.72	14.76	7.45	15.56	0.000672	7.30	7417.25	2442.34	0.34
Lower	3370.732	PF 1	Ex. Cond.	49700.00	-3.40	14.28	6.63	14.73	0.000430	5.53	9803.55	3594.57	0.27
Lower	3370.732	PF 1	Prop. Cond. Infield Grading Only	49700.00	-3.40	14.28	6.63	14.73	0.000430	5.53	9803.55	3594.57	0.27
Lower	3370.732	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-3.40	14.28	6.63	14.73	0.000430	5.53	9803.55	3594.57	0.27
Lower	3370.732	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-3.40	14.28	6.63	14.73	0.000430	5.53	9803.55	3594.57	0.27
Lower	2099.855	PF 1	Ex. Cond.	49700.00	-3.90	14.15	5.85	14.31	0.000175	3.42	17693.71	5262.50	0.17
Lower	2099.855	PF 1	Prop. Cond. Infield Grading Only	49700.00	-3.90	14.15	5.85	14.31	0.000175	3.42	17693.71	5262.50	0.17
Lower	2099.855	PF 1	Prop. Cond. Infield, Apron, Access Rd	49700.00	-3.90	14.15	5.85	14.31	0.000175	3.42	17693.71	5262.50	0.17
Lower	2099.855	PF 1	Prop. Cond. Apron, Access Rd Only	49700.00	-3.90	14.15	5.85	14.31	0.000175	3.42	17693.71	5262.50	0.17

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LEGEND

- APRON AND VEHICLE ACCESS ROAD PROJECT LIMITS (5 CY NET CUT)
- GRADING AND DRAINAGE PROJECT LIMITS (1,340 CY NET CUT)
- PROPOSED DRAINAGE PIPE
- EXISTING DRAINAGE PIPE
- PROPOSED PERFORATED PIPE
- STORM DRAIN END
- CATCH BASIN
- PROPOSED DITCH LINE
- AIRPORT PROPERTY LINE
- CONTRACTOR EQUIPMENT AND MATERIAL STAGING AREA
- EXISTING HYDROGRAPHIC FEATURE

NOTES

- WHERE REQUIRED, FILL WILL BE SOURCED FROM ONSITE EXCAVATION ACTIVITIES. NO OFFSITE FILL IMPORT IS REQUIRED, AS THE GRADING RESULTS IN A NET CUT OF MATERIAL.
- NO ONSITE DISPOSAL OF EXCESS EXCAVATION MATERIAL. ALL EXCESS MATERIAL WILL BE DISPOSED OF OFFSITE.

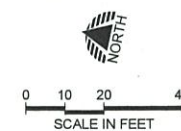
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PACIFIC CITY STATE AIRPORT
MISCELLANEOUS IMPROVEMENTS

**ACCESS ROAD AND APRON
STATION 2+00 CROSS SECTION**

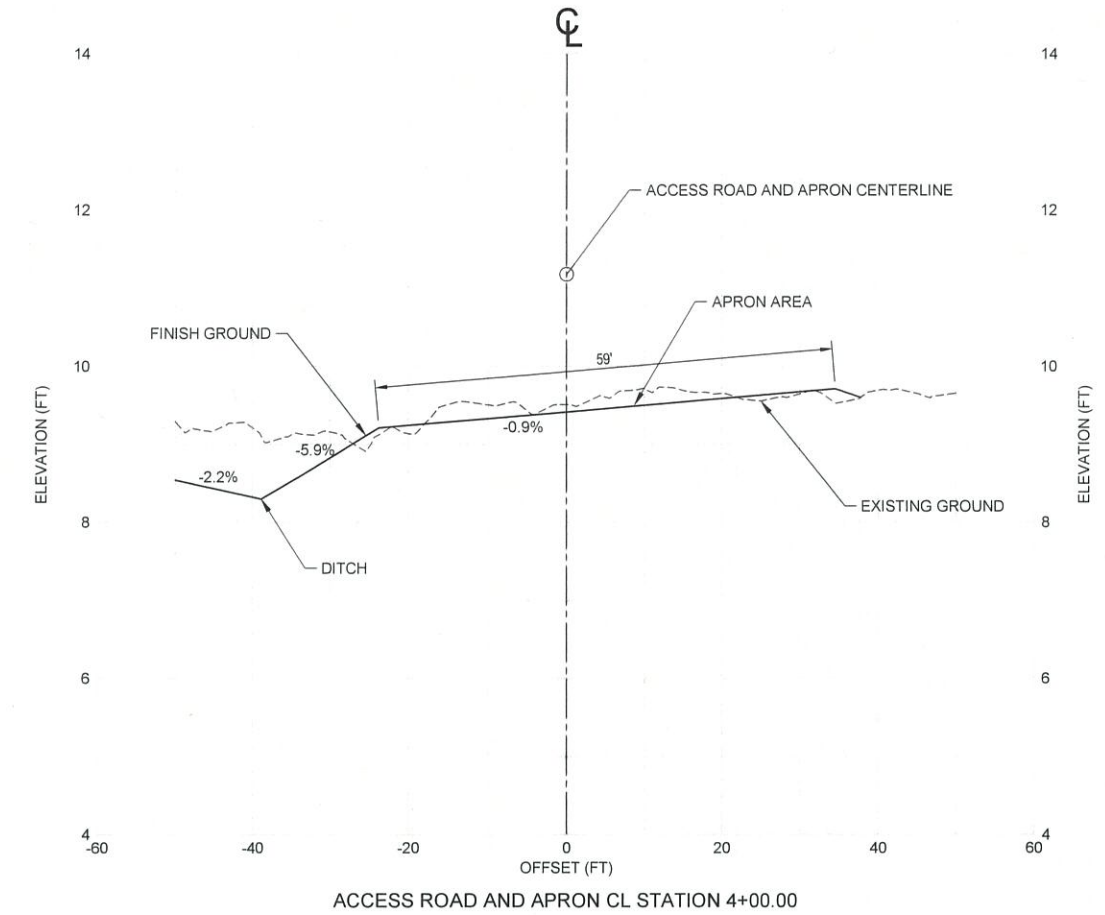
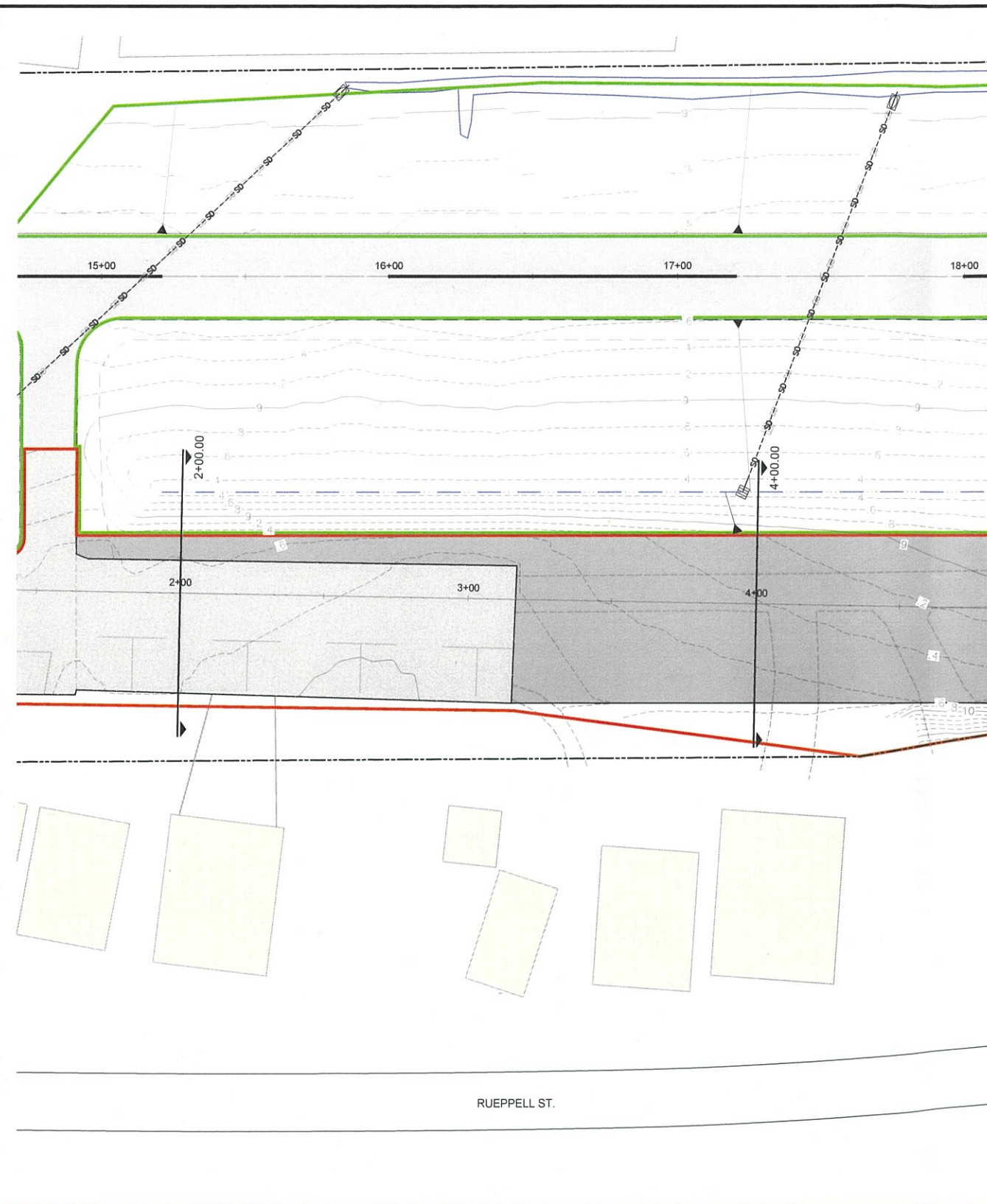
FIGURE 3

MAY 2025



**PRECISION APPROACH
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LEGEND

- APRON AND VEHICLE ACCESS ROAD PROJECT LIMITS (5 CY NET CUT)
- GRADING AND DRAINAGE PROJECT LIMITS (1,340 CY NET CUT)
- PROPOSED DRAINAGE PIPE
- EXISTING DRAINAGE PIPE
- PROPOSED PERFORATED PIPE
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- NO ONSITE DISPOSAL OF EXCESS EXCAVATION MATERIAL. ALL EXCESS MATERIAL WILL BE DISPOSED OF OFFSITE.

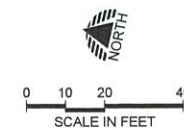
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PACIFIC CITY STATE AIRPORT
MISCELLANEOUS IMPROVEMENTS

**ACCESS ROAD AND APRON
STATION 4+00 CROSS SECTION**

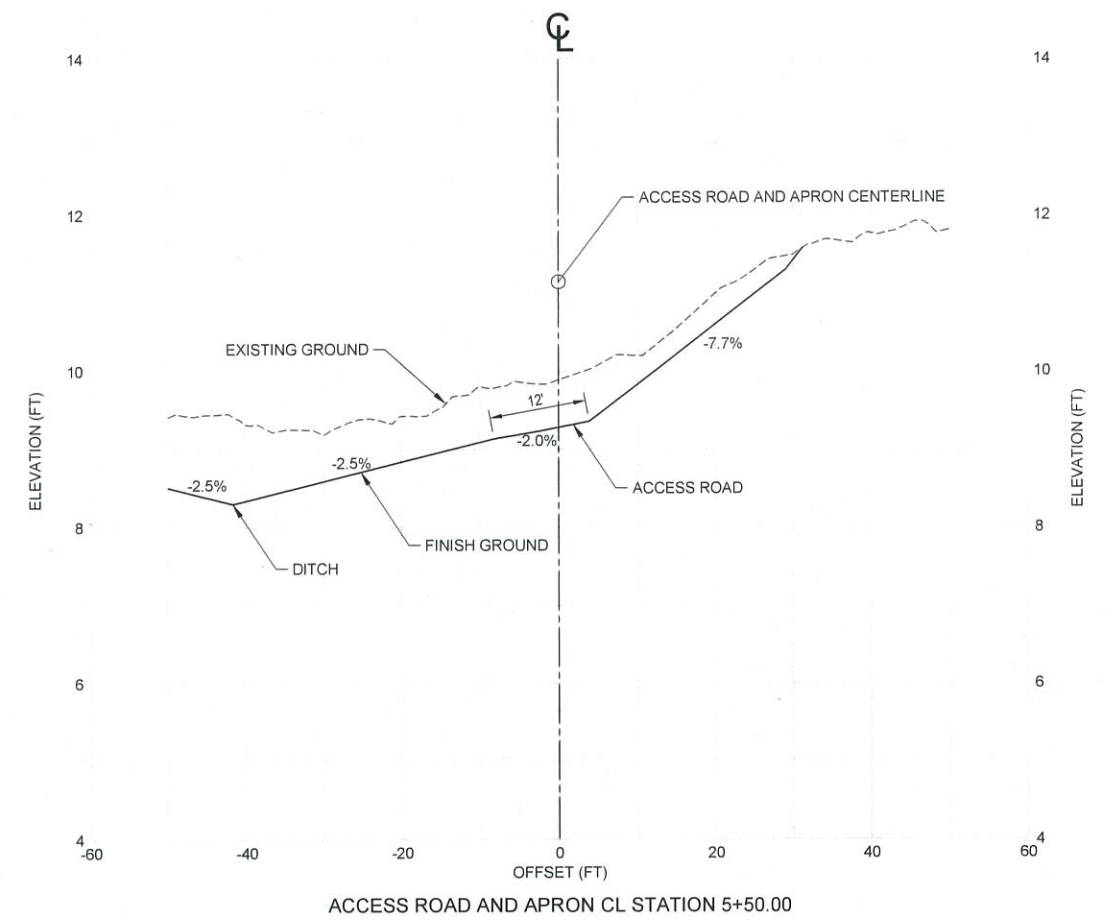
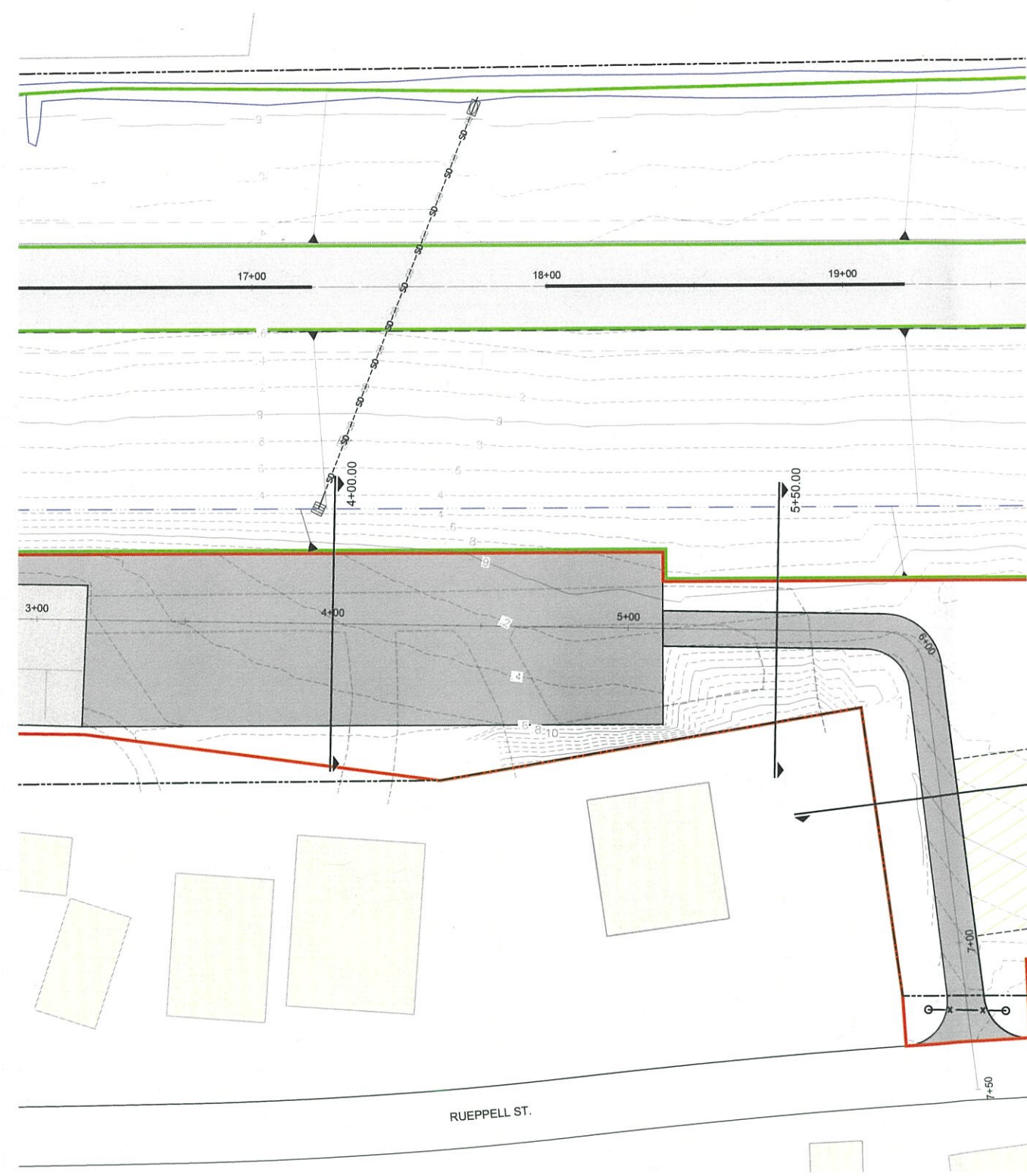
FIGURE 4

MAY 2025



**PRECISION APPROACH
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Corvallis, OR 97333
541-754-0043

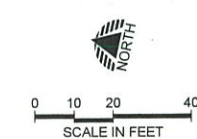
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- LEGEND**
- APRON AND VEHICLE ACCESS ROAD PROJECT LIMITS (5 CY NET CUT)
 - GRADING AND DRAINAGE PROJECT LIMITS (1,340 CY NET CUT)
 - PROPOSED DRAINAGE PIPE
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- NOTES**
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 - NO ONSITE DISPOSAL OF EXCESS EXCAVATION MATERIAL. ALL EXCESS MATERIAL WILL BE DISPOSED OF OFFSITE.

**FLOODPLAIN DEVELOPMENT
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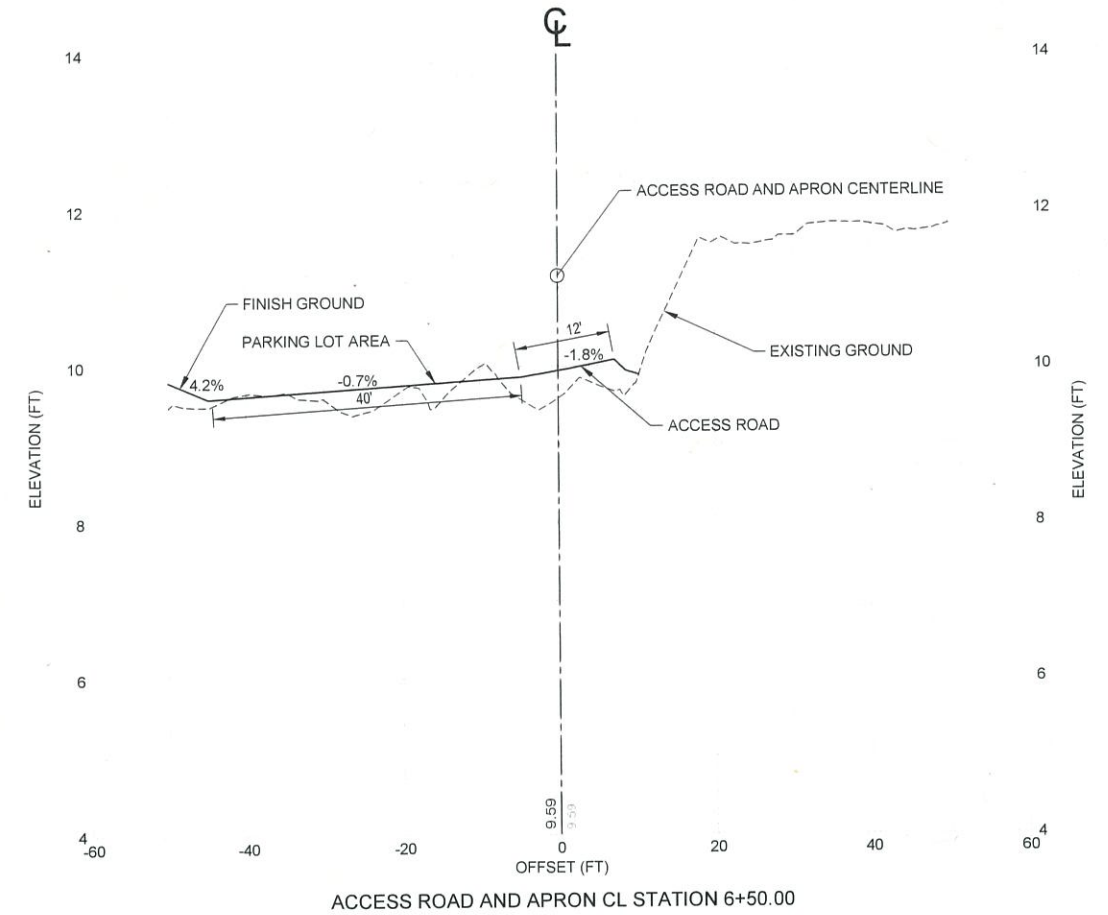
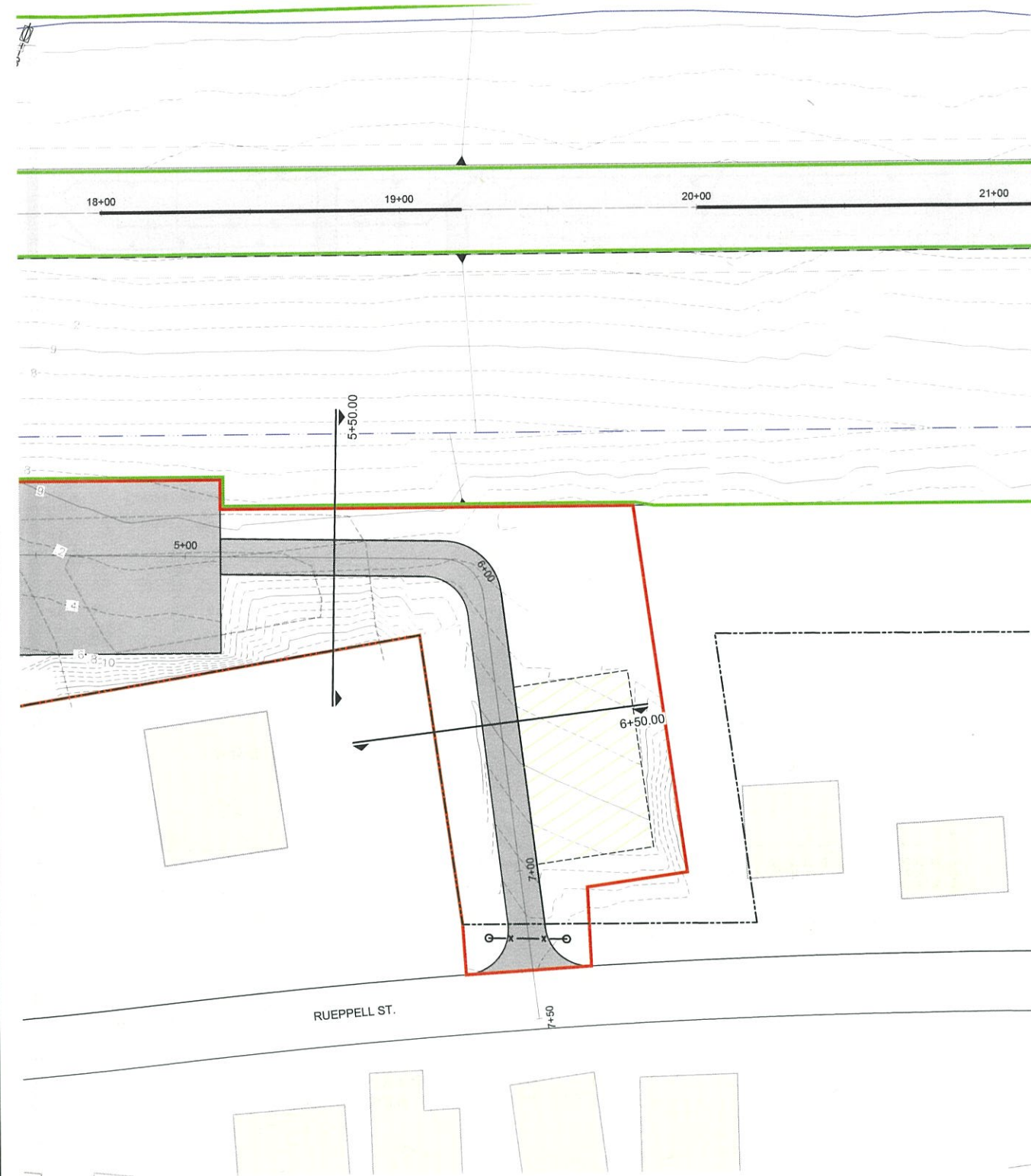


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PACIFIC CITY STATE AIRPORT
MISCELLANEOUS IMPROVEMENTS
**ACCESS ROAD AND APRON
STATION 5+50 CROSS SECTION**

FIGURE 5 MAY 2025

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LEGEND

- APRON AND VEHICLE ACCESS ROAD PROJECT LIMITS (5 CY NET CUT)
- GRADING AND DRAINAGE PROJECT LIMITS (1,340 CY NET CUT)
- PROPOSED DRAINAGE PIPE
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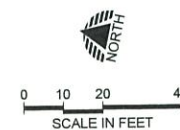
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PERMIT SET
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PACIFIC CITY STATE AIRPORT
MISCELLANEOUS IMPROVEMENTS

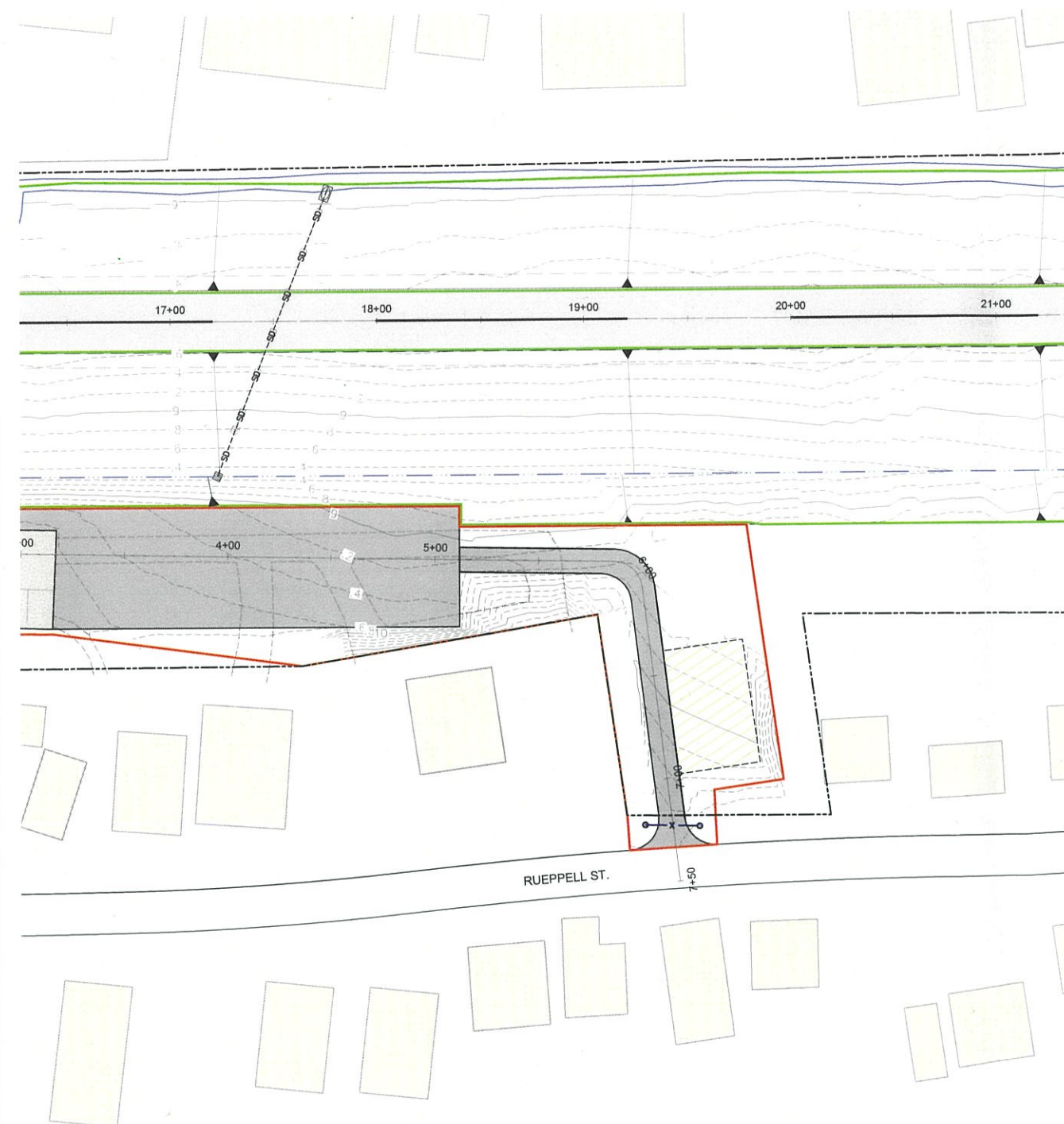
**ACCESS ROAD AND APRON
STATION 6+50 CROSS SECTION**

FIGURE 6

MAY 2025

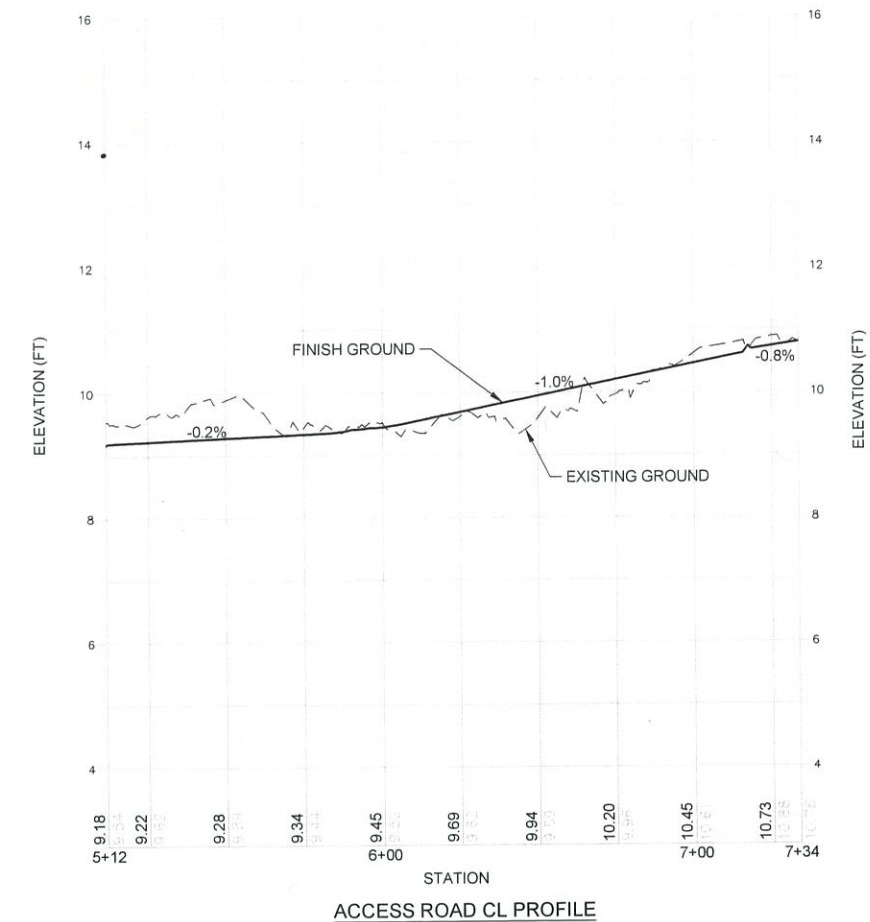


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LEGEND

- | | |
|---|---|
|  | APRON AND VEHICLE ACCESS ROAD PROJECT LIMITS (5 CY NET CUT) |
|  | GRADING AND DRAINAGE PROJECT LIMITS (1,340 CY NET CUT) |
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|  | PROPOSED PERFORATED PIPE |
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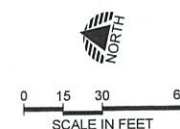
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PACIFIC CITY STATE AIRPORT MISCELLANEOUS IMPROVEMENTS

ACCESS ROAD CL PROFILE

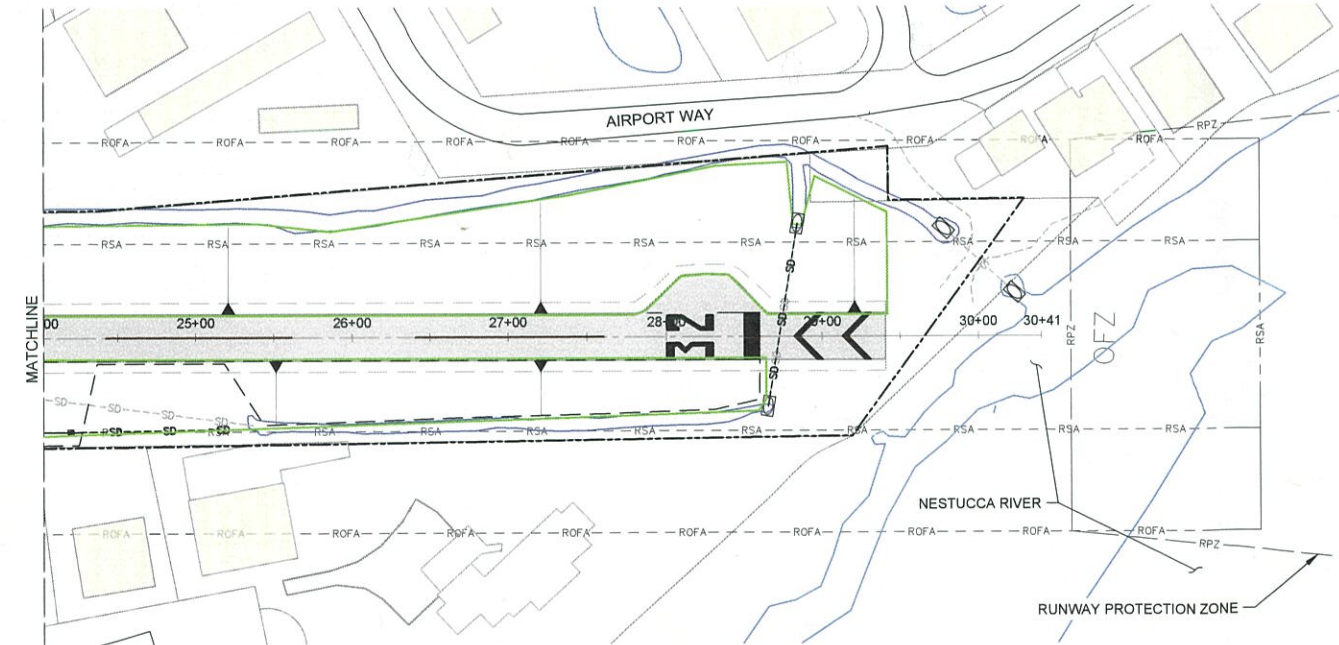
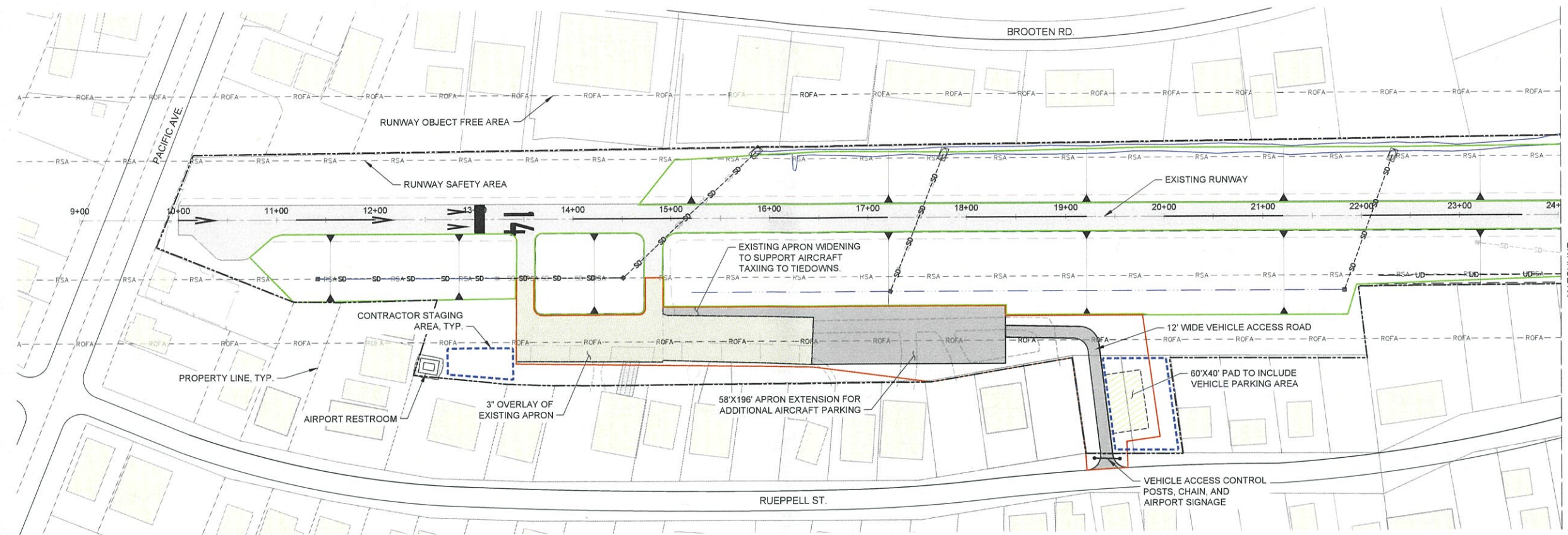
FIGURE 8

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LEGEND

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- CONTRACTOR EQUIPMENT AND MATERIAL STAGING AREA
- EXISTING HYDROGRAPHIC FEATURE

FLOODPLAIN DEVELOPMENT
PERMIT SET
NOT FOR CONSTRUCTION
5/12/2025

NOTES

- CONSTRUCTION EQUIPMENT AND MATERIALS TYPICAL OF GRADING, ROADWORK, AND DRAINAGE CONSTRUCTION OPERATIONS WILL BE LOCATED AT THE DESIGNATED STAGING AREA(S) DURING CONSTRUCTION. NO MATERIALS WILL BE STORED ON SITE FOLLOWING COMPLETION OF CONSTRUCTION.
- NON PAVED AREAS WITHIN THE PROPOSED PROJECT LIMITS WILL BE STABILIZED AND SEEDED WITH AIRPORT COMPATIBLE GRASS SEED MIX UPON COMPLETION OF GRADING ACTIVITIES.
- EXISTING VEGETATION WITHIN GRADING AND DRAINAGE PROJECT LIMITS CONSISTS PRIMARILY OF GRASS AND OTHER LOW GROWING VEGETATION.
- PROPERTY LINES SHOWN ARE FROM GIS AND ARE APPROXIMATE.

PACIFIC CITY STATE AIRPORT
MISCELLANEOUS IMPROVEMENTS

SITE PLAN

FIGURE 1

MAY 2025

PRECISION APPROACH
ENGINEERING
5125 Southwest Hout Street
Corvallis, OR 97333
541-754-0043

05/12/25 - 1:20pm - EWilliams - P:\OODA-PacCity006-TC-FP-Dev-Permit\0400CAD\Graphics\Permit Site Plan.dwg