



# Alaska Department of Transportation & Public Facilities

**REVILLA & GRAVINA AIRPORT FERRY TERMINAL  
IMPROVEMENTS**

**Projects # SFHWY00235 / SFHWY00109**

**Ketchikan Gateway Borough Assembly Meeting**

**April 15th, 2019**



# Project Update - Overview & Schedule

## **Background**

- 11 projects underway for improved airport access. Work initiated in 2017.
- Public workshop held on May 25, 2017. Presentation of concept designs on October 16, 2017. Presentation of preferred alternative to Borough Assembly on May 14, 2018.

## **Construction Project 1 - Revilla Uplands Project**

- Expanded uplands. More parking, improved vehicle & pedestrian flow, ticketing & vehicle staging.
- New passenger waiting building and covered pedestrian walkways.

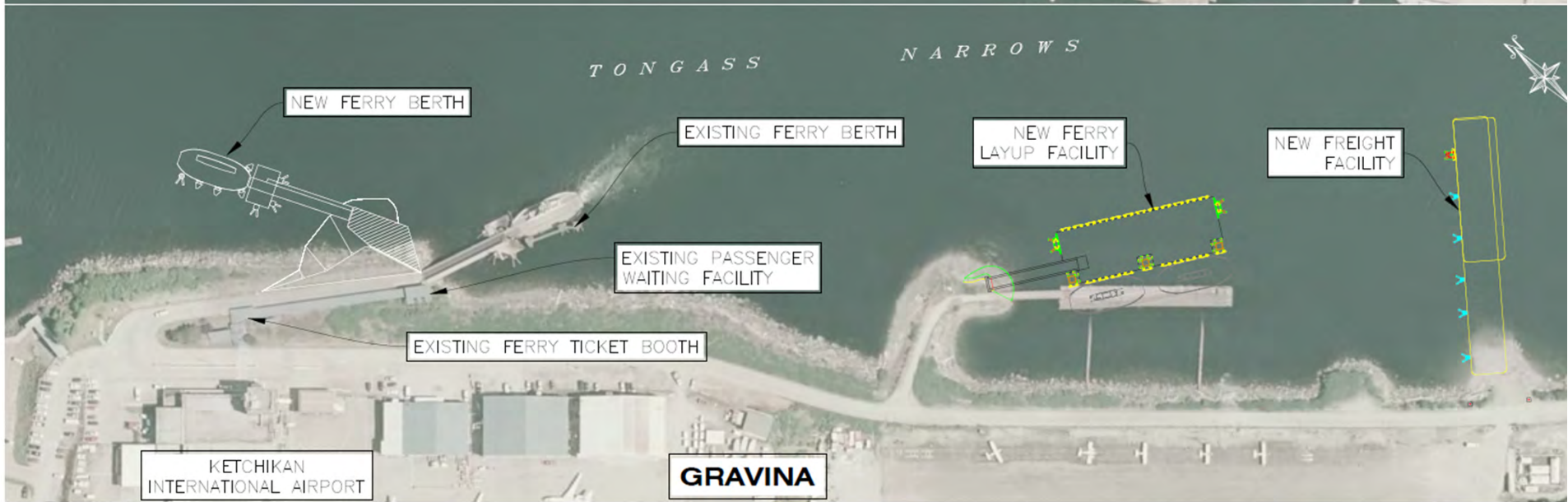
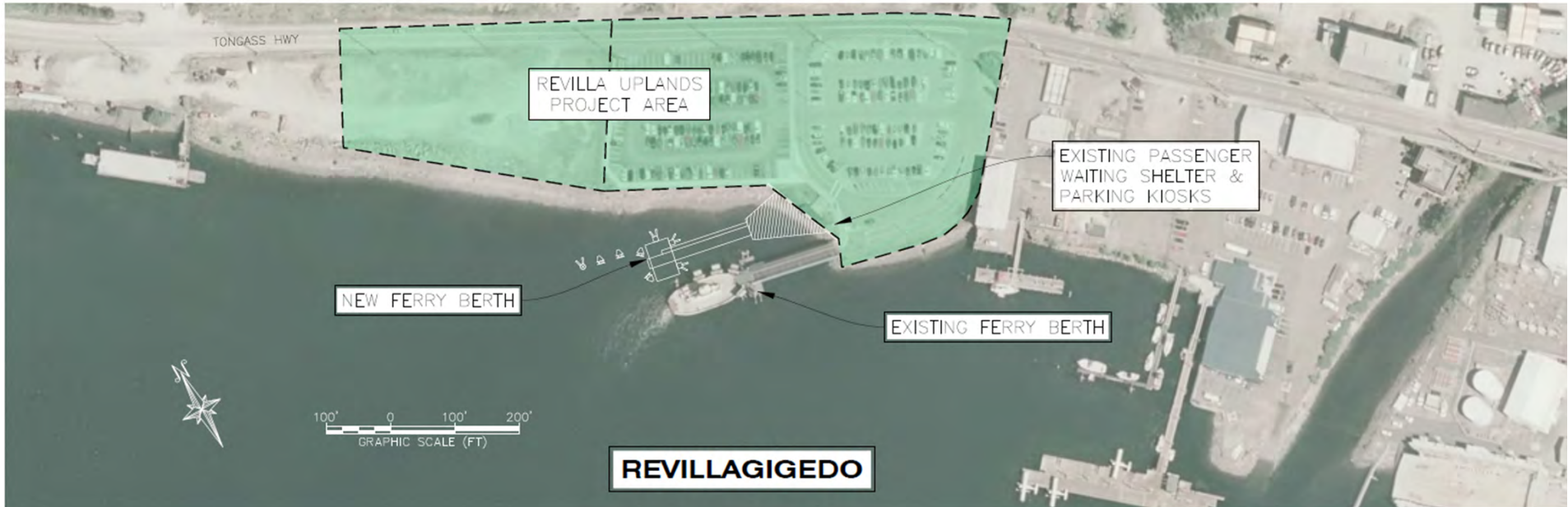
## **Construction Project 2 - Revilla / Gravina New Ferry Berths & Gravina Upland Improvements**

- Construct two new ferry berths at Revilla and Gravina shuttle ferry terminals.
- Pedestrian and vehicle access improvements at Gravina ferry terminal uplands.

## **Schedule**

- Fall, 2019: Complete design/advertise construction contracts.
- Fall, 2021: Complete construction.







# All Projects - Estimates

## GRAVINA AND REVILLA PROJECTS - DETAILED SCHEDULE Date: 4/12/2019

Project No.	Need ID	Project Description	Staff	Construction Cost	Const Ob Yr	Project Development					Construction			
						Prelim Dsgn Env Document	Final Design Obligation	PIH Review	PSE Review	Construction Obligation	Bid Advertise	Contract Award	Construction Start	Construction Finish
<b>SEIS PROJECTS</b>														
SFWY00150	30831	Revilla Refurbish Existing Ferry Berth	Marine	\$4,000,000	19	6/15/2017	8/15/2017	6/15/2019	6/15/2019	8/15/2019	12/13/2019	3/12/2020	11/7/2020	6/5/2021
SFWY00151	30832	Revilla New Passenger Waiting Facility	Consultant/MRV	\$2,100,000	19	6/15/2017	8/15/2017	7/1/2019	7/1/2019	8/15/2019	9/14/2019	12/13/2019	3/12/2020	6/15/2021
SFWY00152	30833	Gravina Ferry Layup Facility	Consultant/PND	\$15,700,000	19	6/15/2017	8/15/2017	1/14/2019	5/14/2019	7/13/2019	12/10/2019	2/8/2020	8/6/2020	3/4/2021
SFWY00153	30834	Gravina Refurbish Existing Ferry Berth Facility (Marine)	Marine	\$8,900,000	19	6/15/2017	8/15/2017	6/15/2019	6/15/2019	8/15/2019	12/13/2019	3/12/2020	11/7/2020	6/5/2021
SFWY00231		Gravina Refurbish Existing Ferry Berth Facility (Upland Improvements)												
SFWY00154	30835	Gravina Freight Facility	Marine	\$3,700,000	19	6/15/2017	8/15/2017	3/1/2019	5/30/2019	7/29/2019	12/10/2019	2/8/2020	8/6/2020	3/4/2021
Z682260000	30836	Replace Airport Creek Bridge (costs do not reflect \$650K in USFS funds)	Pyeatt	\$2,100,000	18	6/15/2017	6/16/2017	8/11/2017	8/11/2017	4/6/2018	6/28/2018	8/8/2018	6/1/2019	12/18/2019
SFWY00156	30949	KTN - Reconstruct Road to Airport Boundary	Lockwood/Lester	\$2,700,000	19	6/15/2017	8/15/2017	9/27/2018	2/14/2019	5/1/2019	7/30/2019	10/28/2019	12/27/2019	8/23/2020
Pending	30887	New Passenger Buses	HQ / FTA	\$200,000	19	6/15/2017	7/1/2018	7/1/2019	7/1/2019	8/15/2019	9/14/2019	12/13/2019	3/12/2020	6/15/2021
<b>NON-SEIS PROJECTS</b>														
SFWY00085	30830	Revilla Airport Ferry Terminal Upland Improvements	Consultant/MRV	\$14,200,000	19	3/1/2019	4/12/2019	7/1/2019	7/1/2019	8/15/2019	9/14/2019	12/13/2019	3/12/2020	6/15/2021
SFWY00230		Revilla Airport New Ferry Berth	Consultant/Jacobs	\$15,000,000							9/14/2019	12/13/2019	4/11/2020	4/11/2021
SFWY00109	30829	Gravina New Ferry Berth	Consultant/Jacobs	\$13,200,000	19	3/5/2019	3/12/2019	7/1/2019	7/1/2019	8/15/2019	9/14/2019	12/13/2019	4/11/2020	4/11/2021
SFWY00184	31029	Ketchikan Airport Ferry Capacity Modifications	Consultant/Coastwise	\$400,000	19	4/27/2018	6/25/2018	6/15/2019	7/30/2019	9/13/2019	11/12/2019	2/10/2020	4/10/2020	10/7/2020
	31030	Ketchikan Road & Bridge Projects	NA - Cancelled	\$0	-19									
SFWY00193	31031	Ketchikan Construct Black Sands Beach Trail	NA - Cancelled	\$0	-19									

Target Obligation Dates  
FY19 Oct 15, 2018 - 8/15/2019

### General Project Goals

1. New ferry berths functional before existing ferry berth refurbishment.
2. Bridge project is awarded and to be under construction summer, 2019. Road project is currently done bid advertisement pending.
3. New passenger waiting building to be constructed in conjunction with Revilla Uplands.
4. New layup berth and freight dock may be constructed as one project
5. Passenger buses procurement process under FTA.
6. Road and Bridge and Black Sands originally programmed as contingency projects but are now cancelled. Current project cost estimates are currently at funding limits.

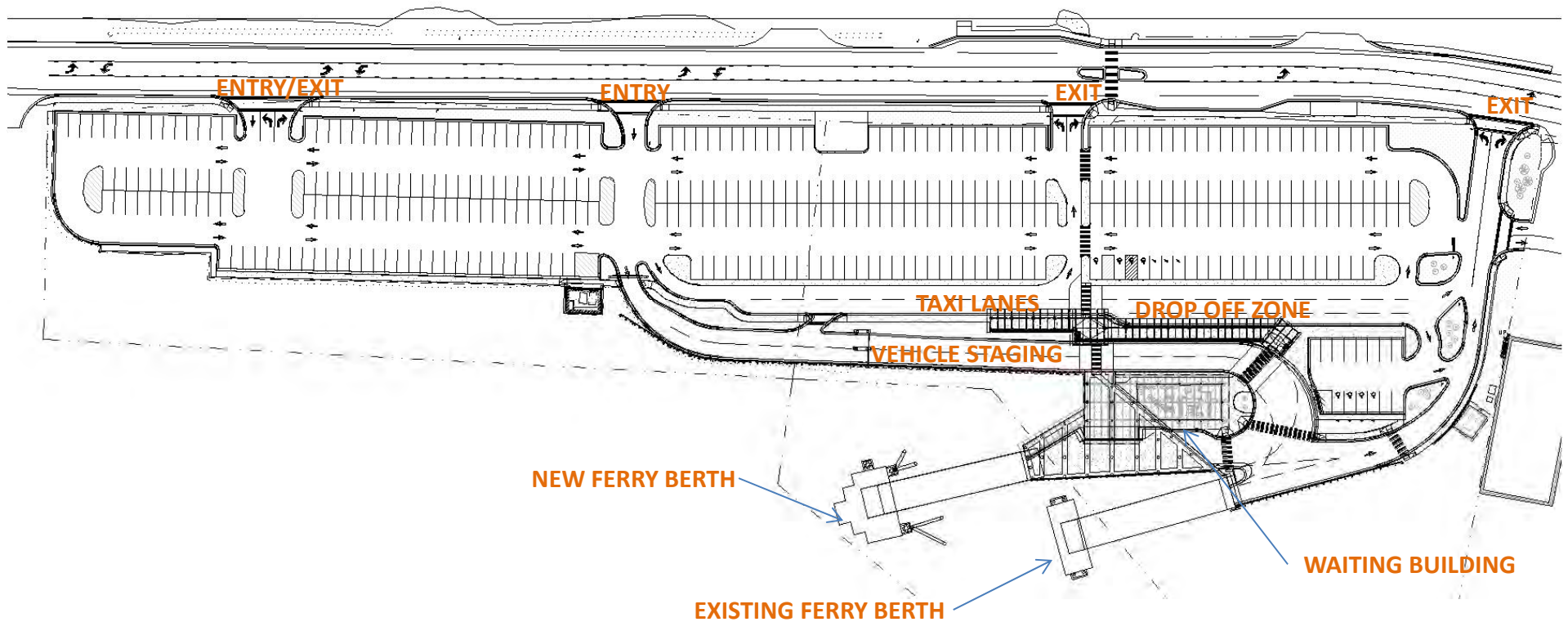
Yellow highlighted projects are Gravina Access SEIS Projects - All other projects are separate, NON-SEIS Projects

Green highlight is completed milestone



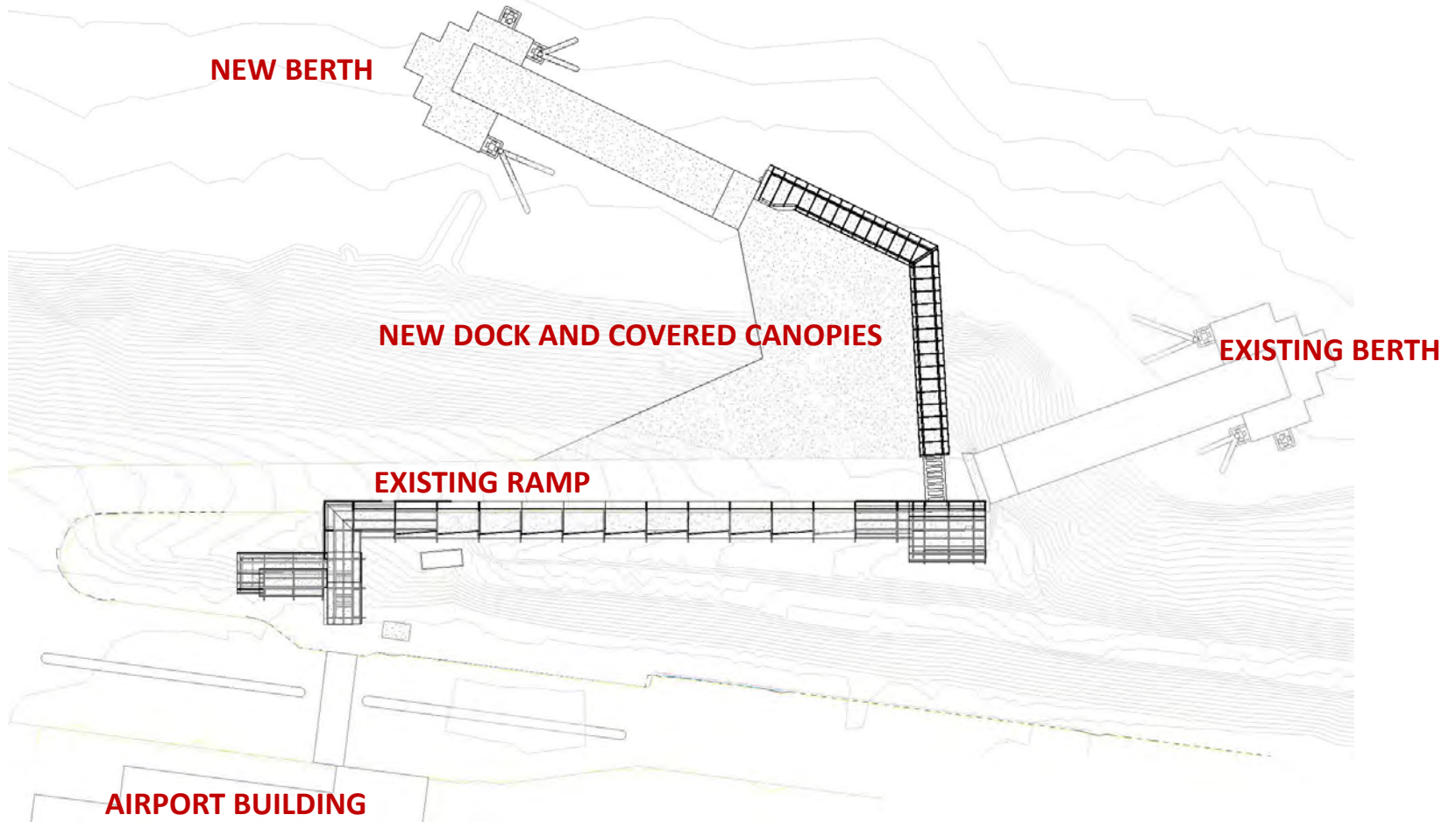


# Project Overview - Revilla Uplands





# Gravina Walkway Improvements





# Construction Phases & Schedule

## **Phase 1: Nov 2019 thru May 2020**

New generator building and deep utilities

## **Phase 2: February 2020 thru mid-June 2020**

North Tongass Highway reconstruction.

## **Phase 3: mid-June 2020 thru March 2021** (partial winter shutdown)

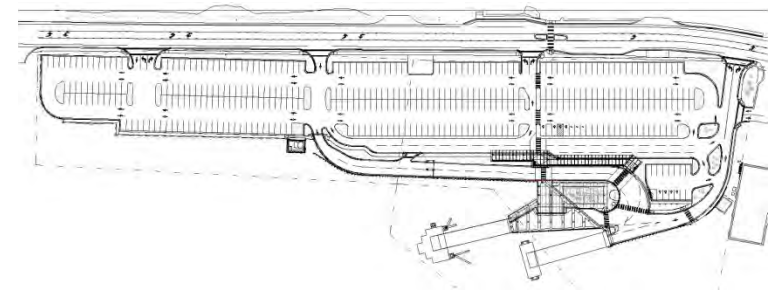
North parking lot expansion, new ferry loading lanes - begin new passenger waiting building, north half of passenger drop-off canopy.

## **Phase 4: March 2021 thru July 2021**

South half of parking reconstructed, passenger drop-off canopy and passenger waiting building are completed.

## **Phase 5: Aug 2021 thru Dec 2021**

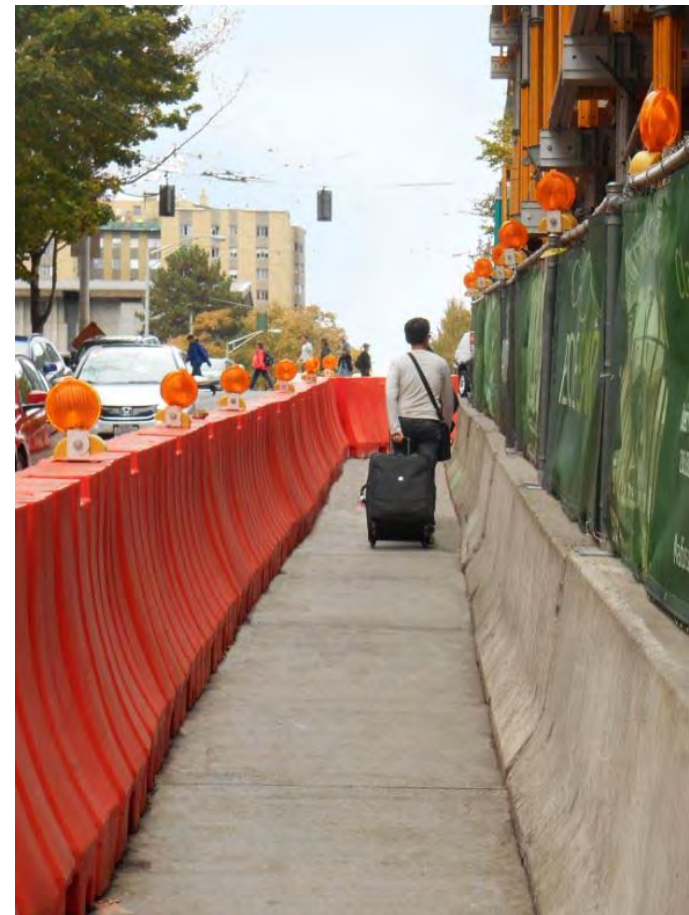
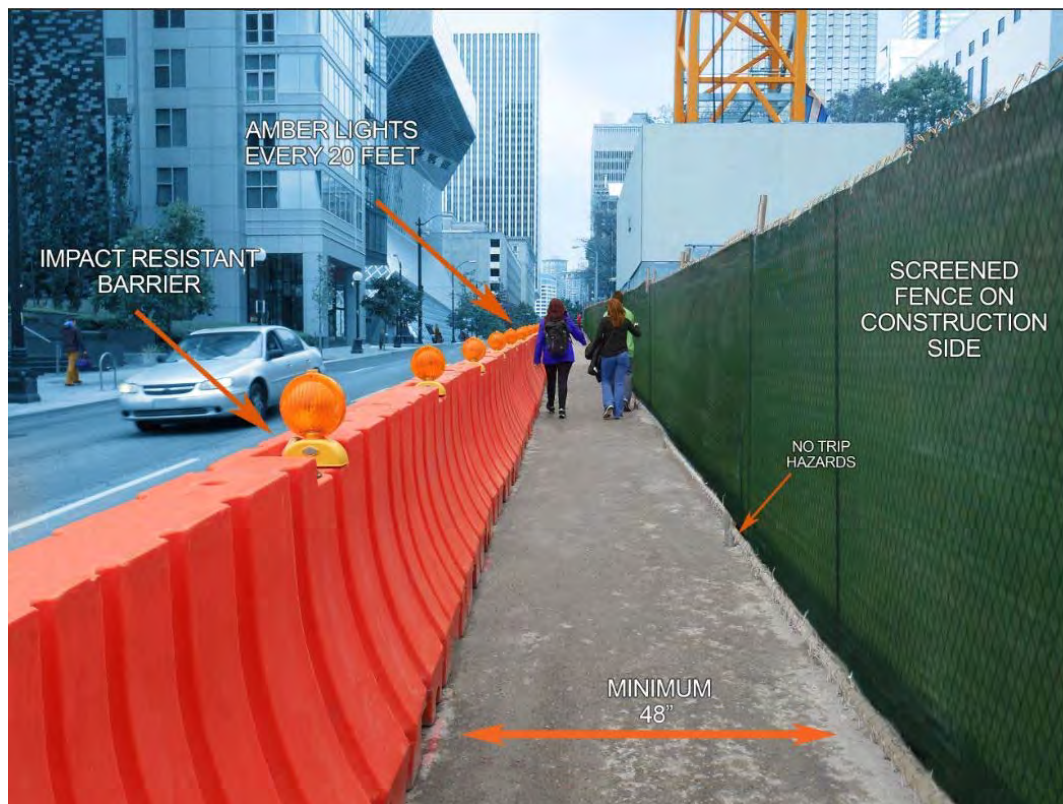
Ferry exit lane and passenger drop-off lanes completed.







# Pedestrian Detours







# Wayfinding & Signage



**PEDESTRIAN SIGNAGE PLACED NEXT TO KIOSK AND UNDER CANOPIES AS WINDBREAK FEATURES**



**HIGHLY VISIBLE VEHICULAR SIGNAGE**



**FERRY LANES & LOADING ZONES**



# Kiosk Systems

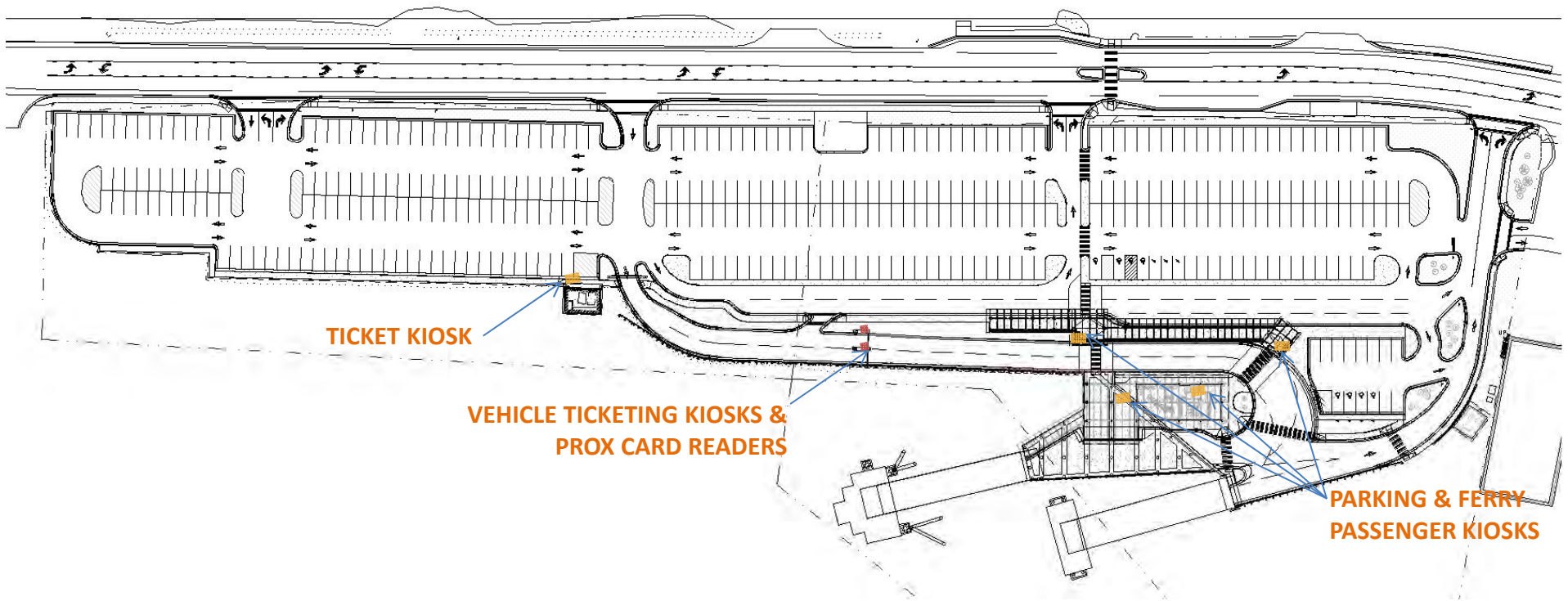


**Luke 2 kiosk system**





# Automated Ticketing Concept





# Baggage Cart System

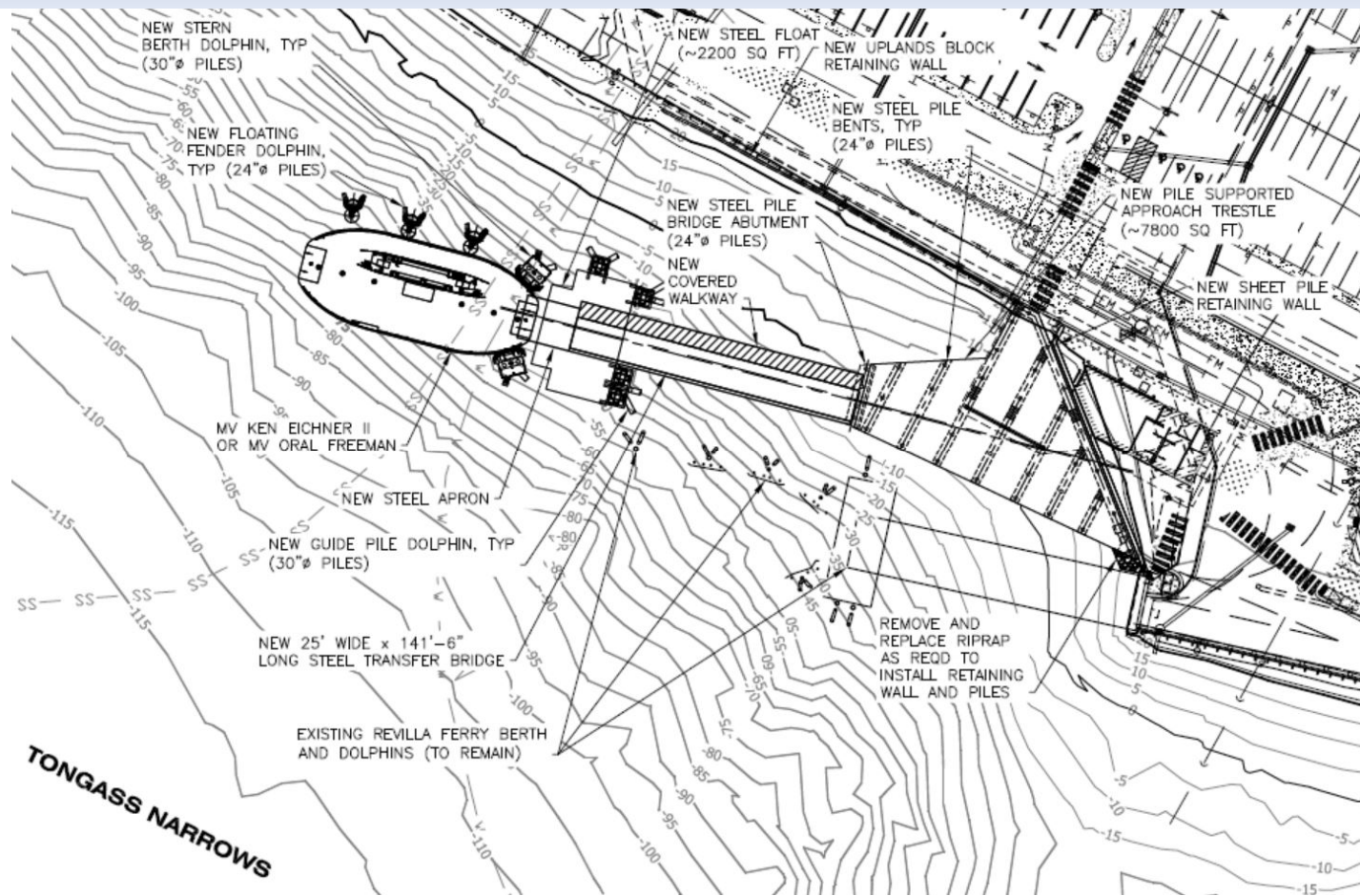


**Modified ADA Ford Transit**



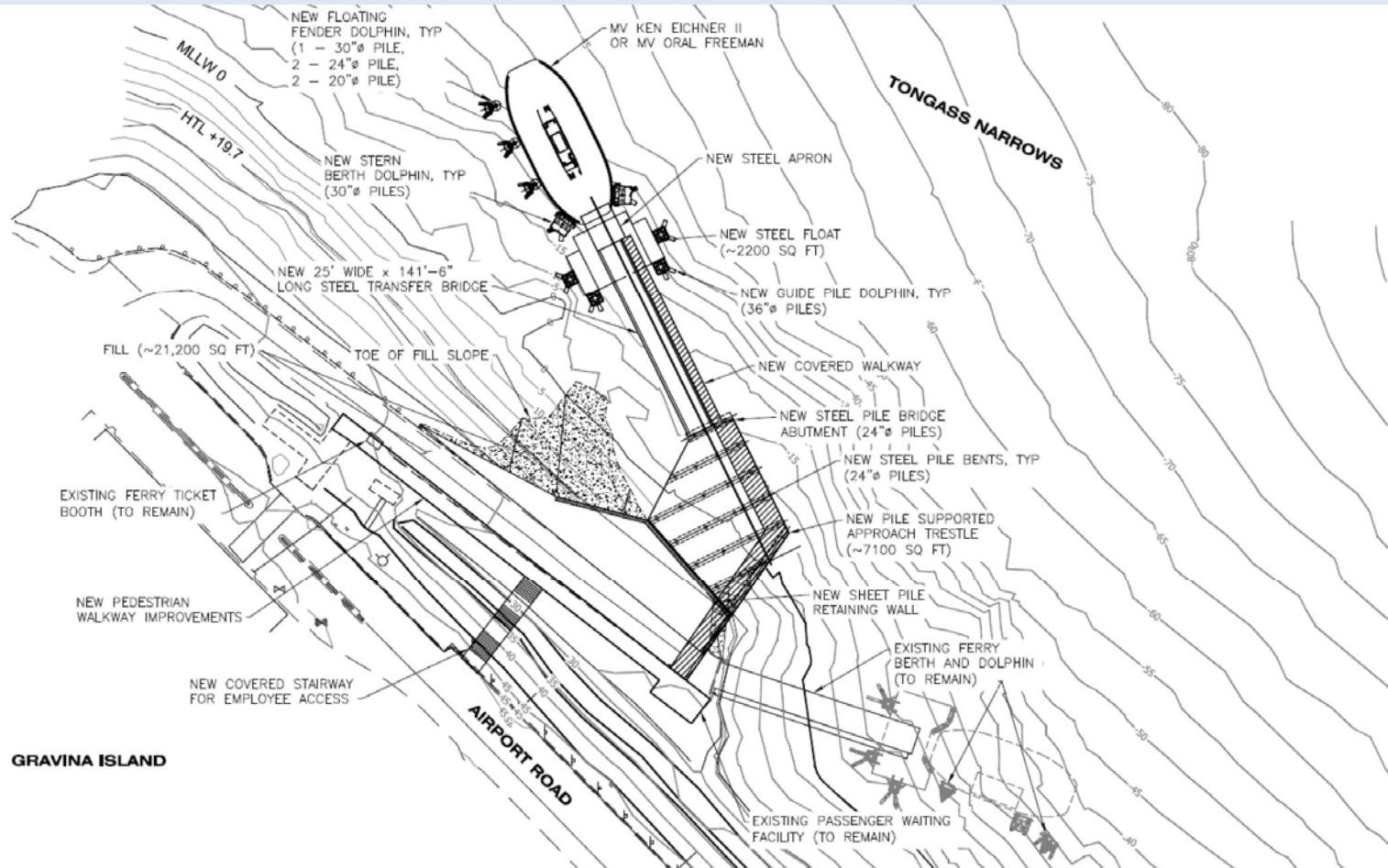


# Revilla Marine Work





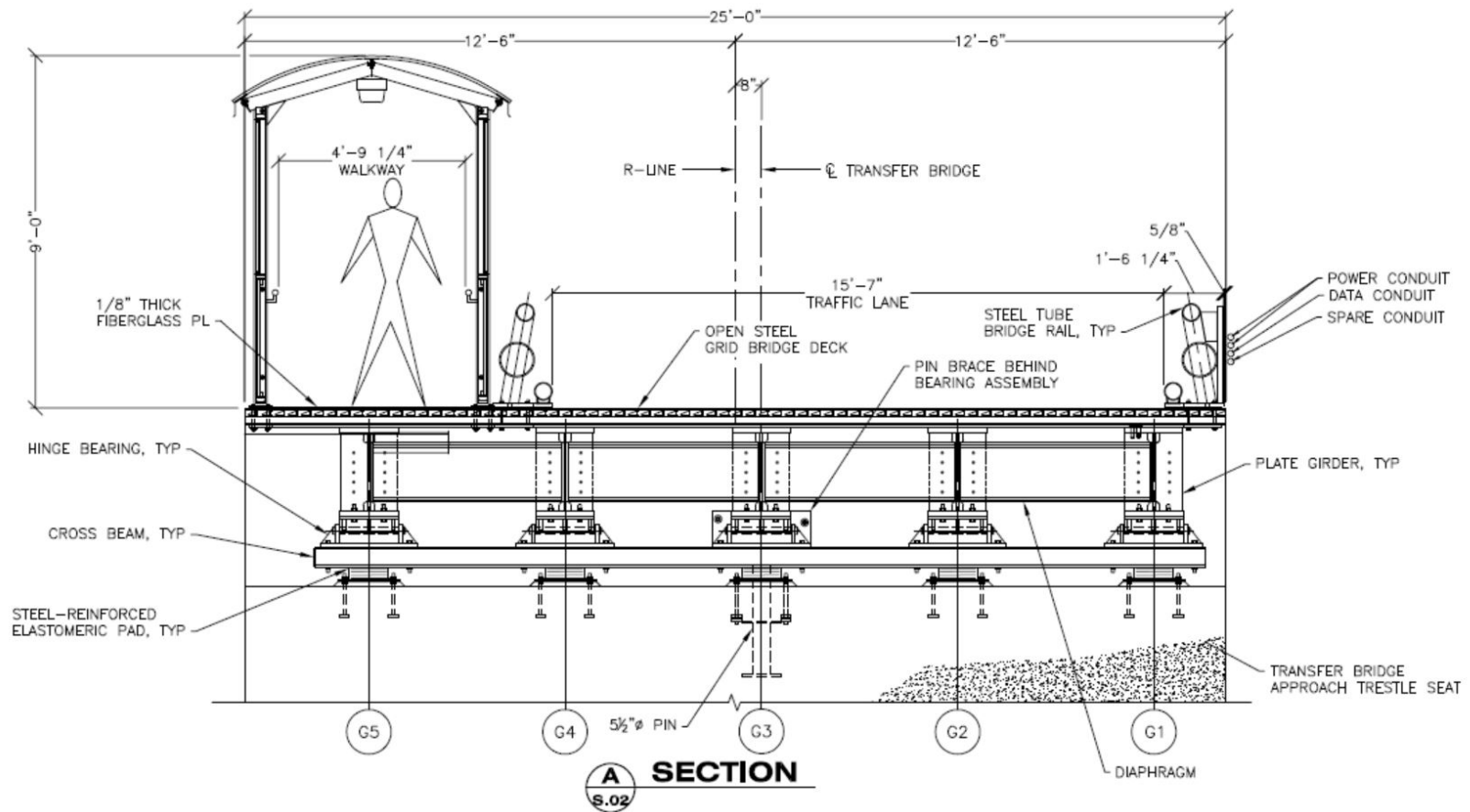
# Gravina Marine Work







# Gravina Marine Work





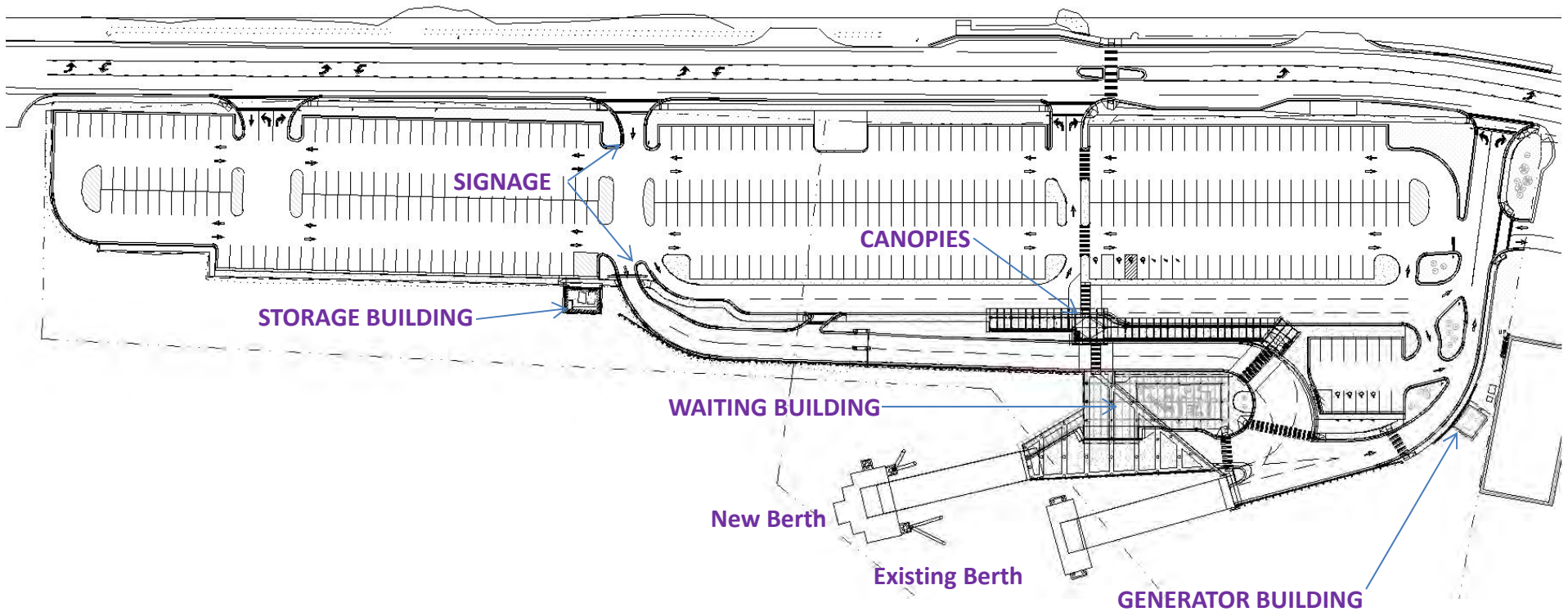
# Support Structures - Revilla

1. **Waiting Building (Separate Gravina Access SEIS Project)** – Provides interior conditioned waiting space and restrooms. Ticket kiosk located in entry vestibule. Provides luggage staging and support vehicle lane
2. **Storage Building** – Houses Bobcat snowplow & attachments. Other site maintenance items located in building. One ticket kiosk with wayfinding sign located on exterior of building.
3. **Generator Building** – Houses emergency back up generator



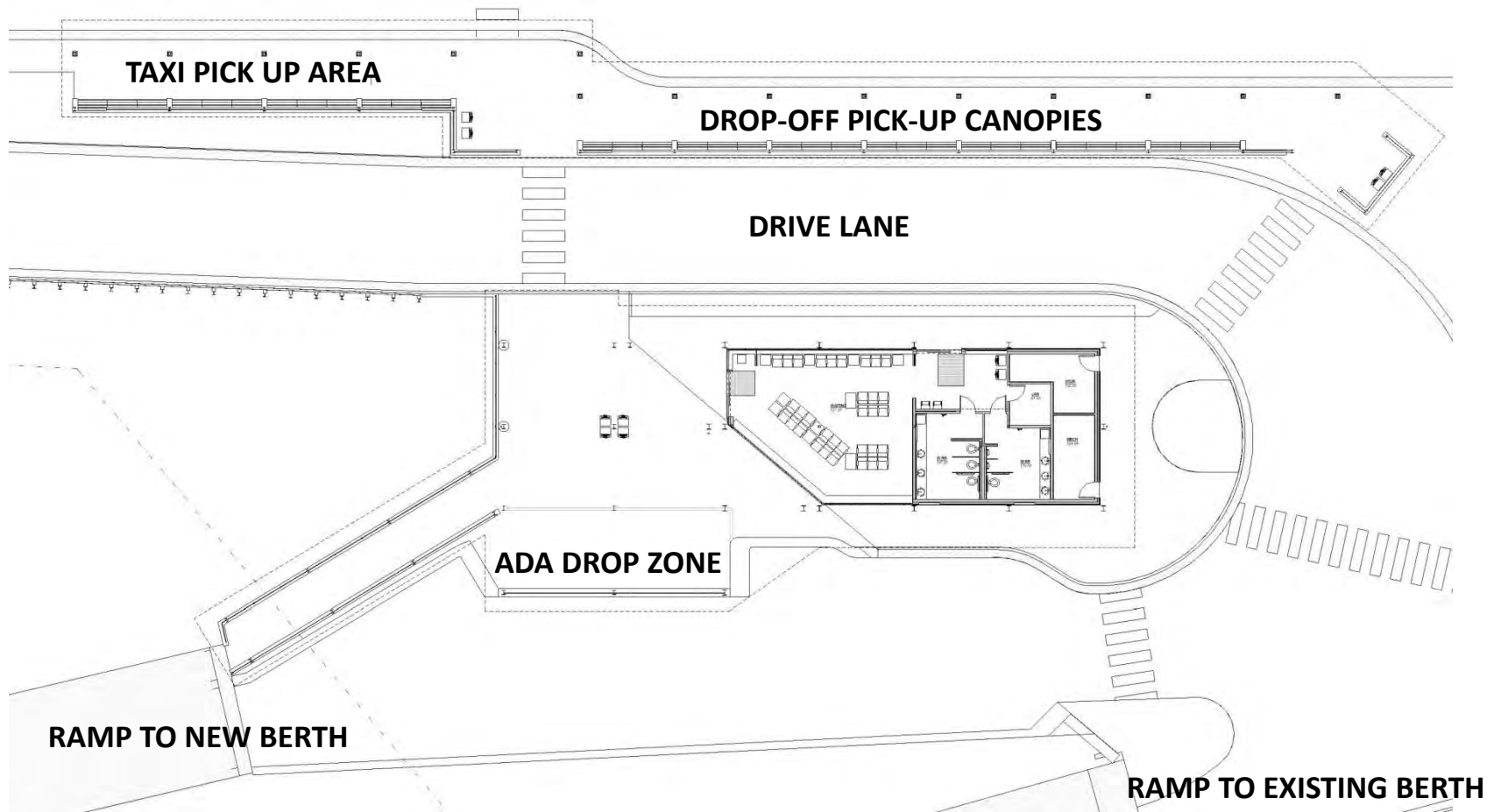


# Buildings & Site Elements - Revilla





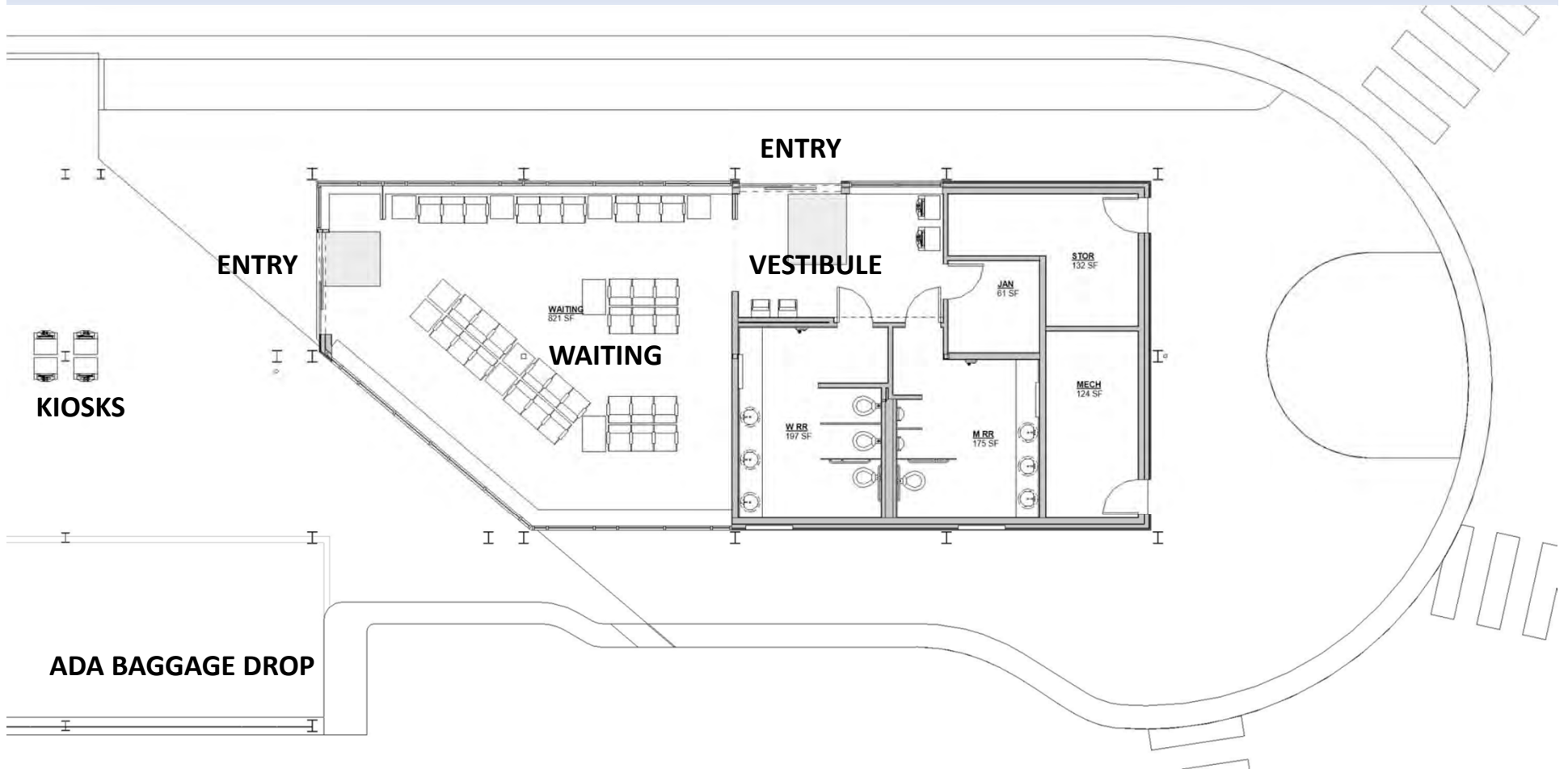
# Drop-Off Canopies, Waiting Area & Queuing





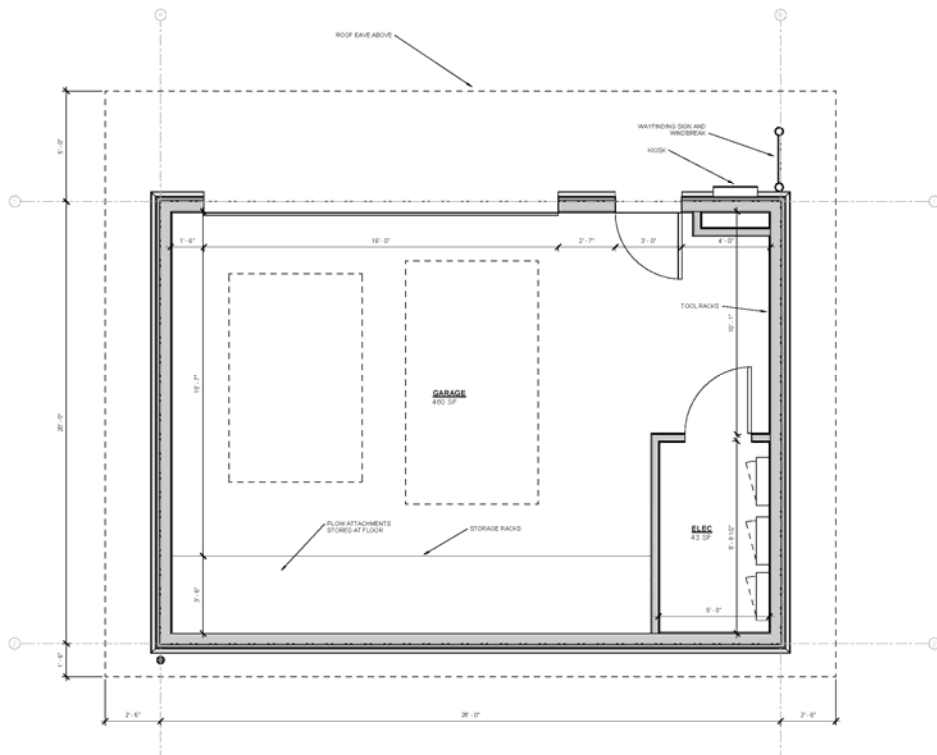


# Waiting Building

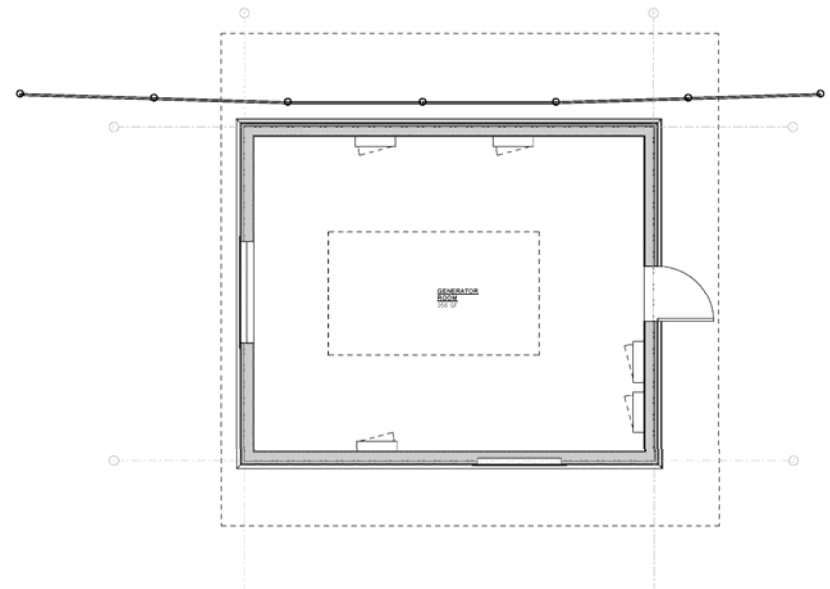




# SUPPORT BUILDINGS



**STORAGE BUILDING**

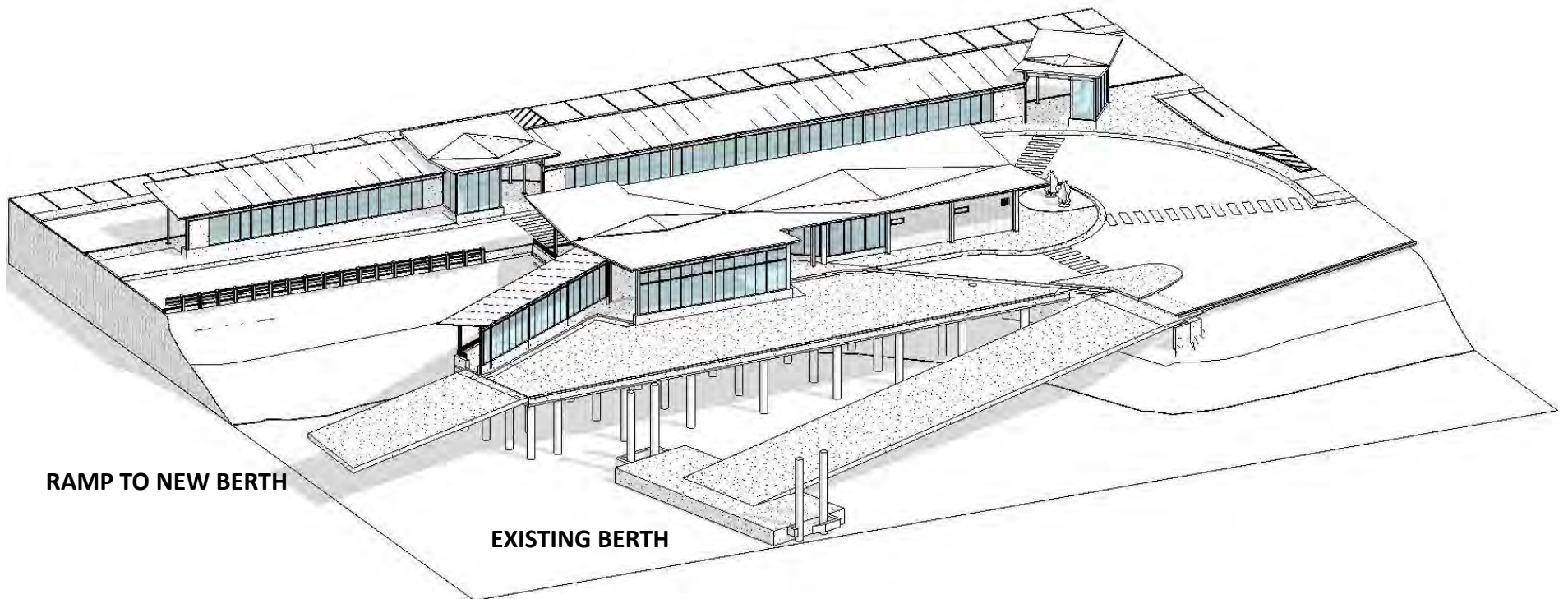


**GENERATOR BUILDING**



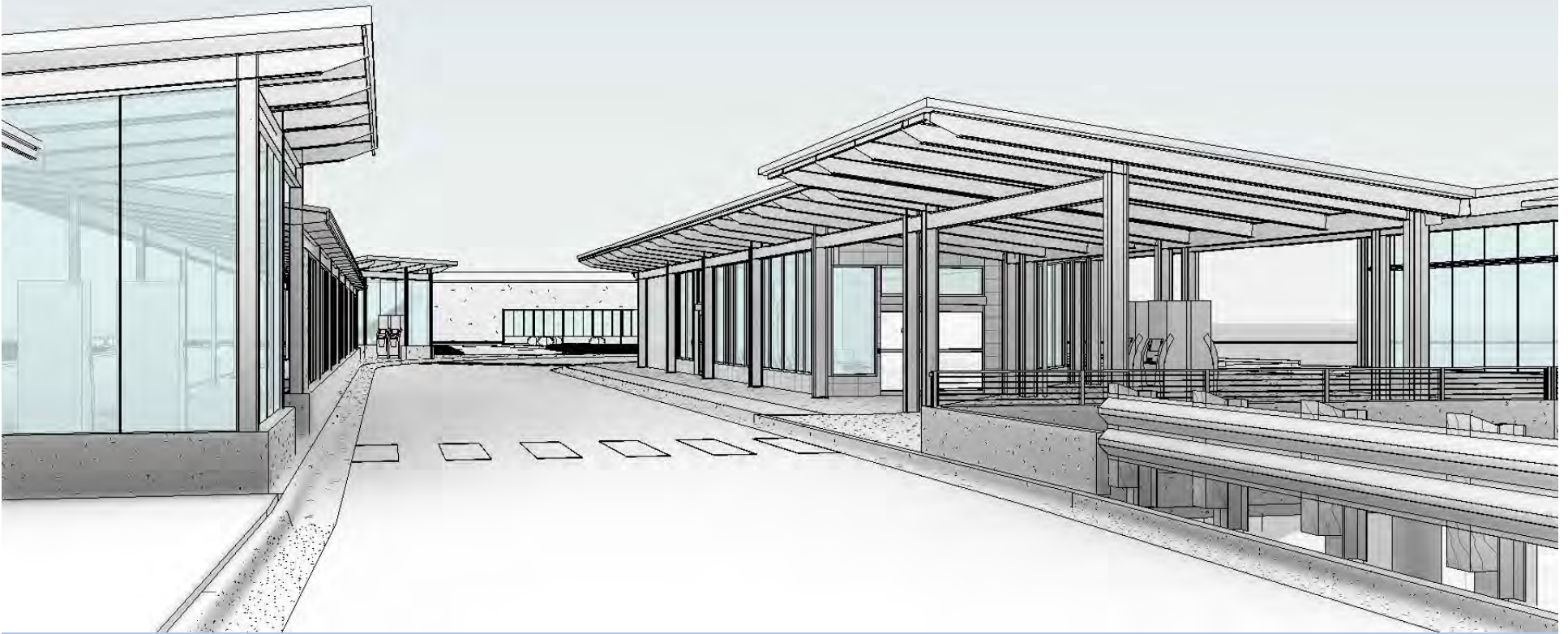


# Waiting Building Axo View





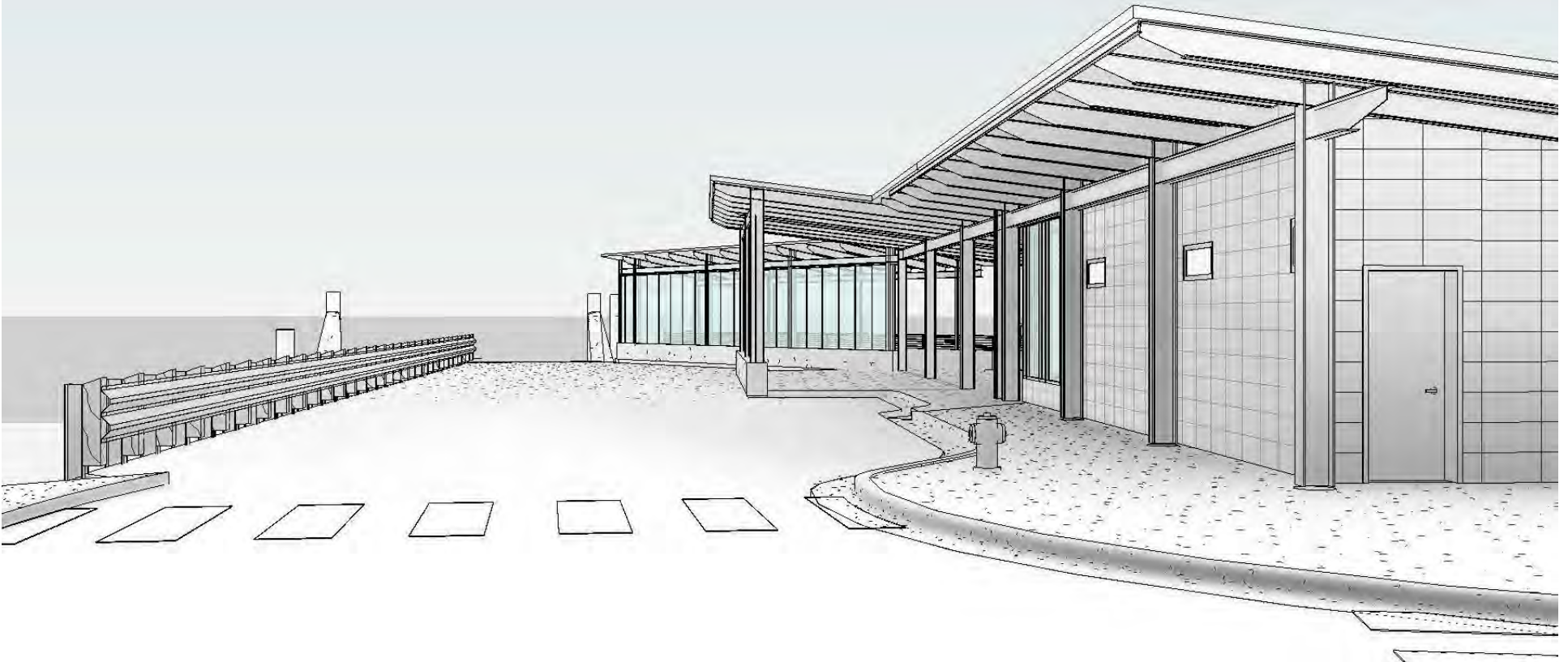
# View From Drive Lane @ Main Crossing





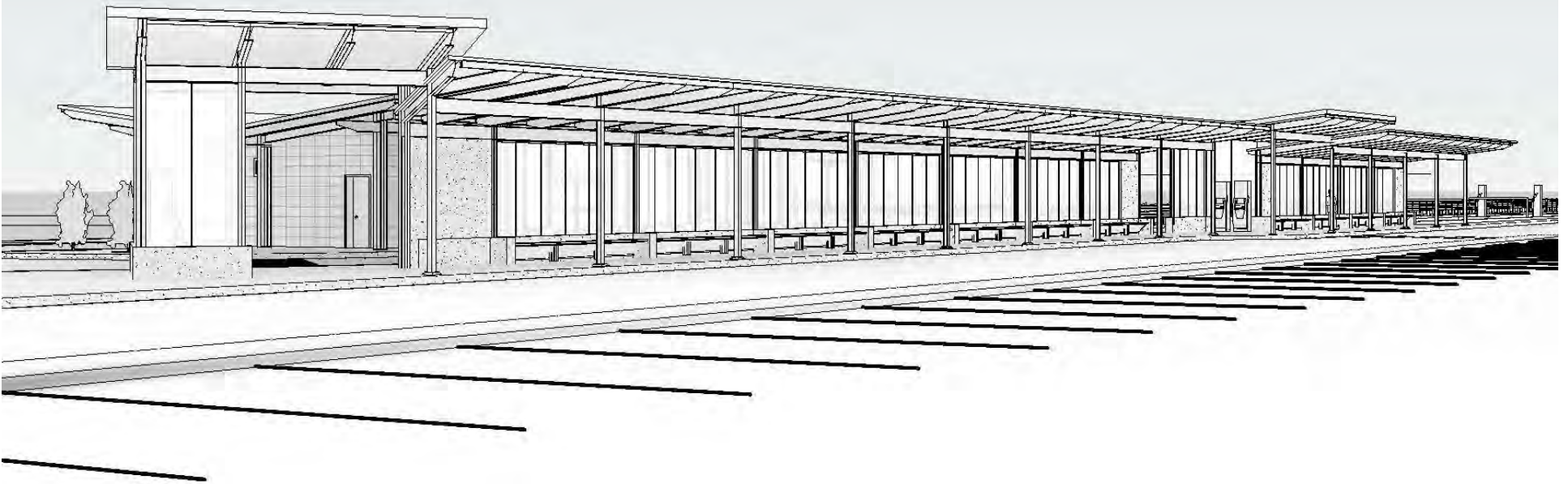


# Baggage Drop @ New Waiting





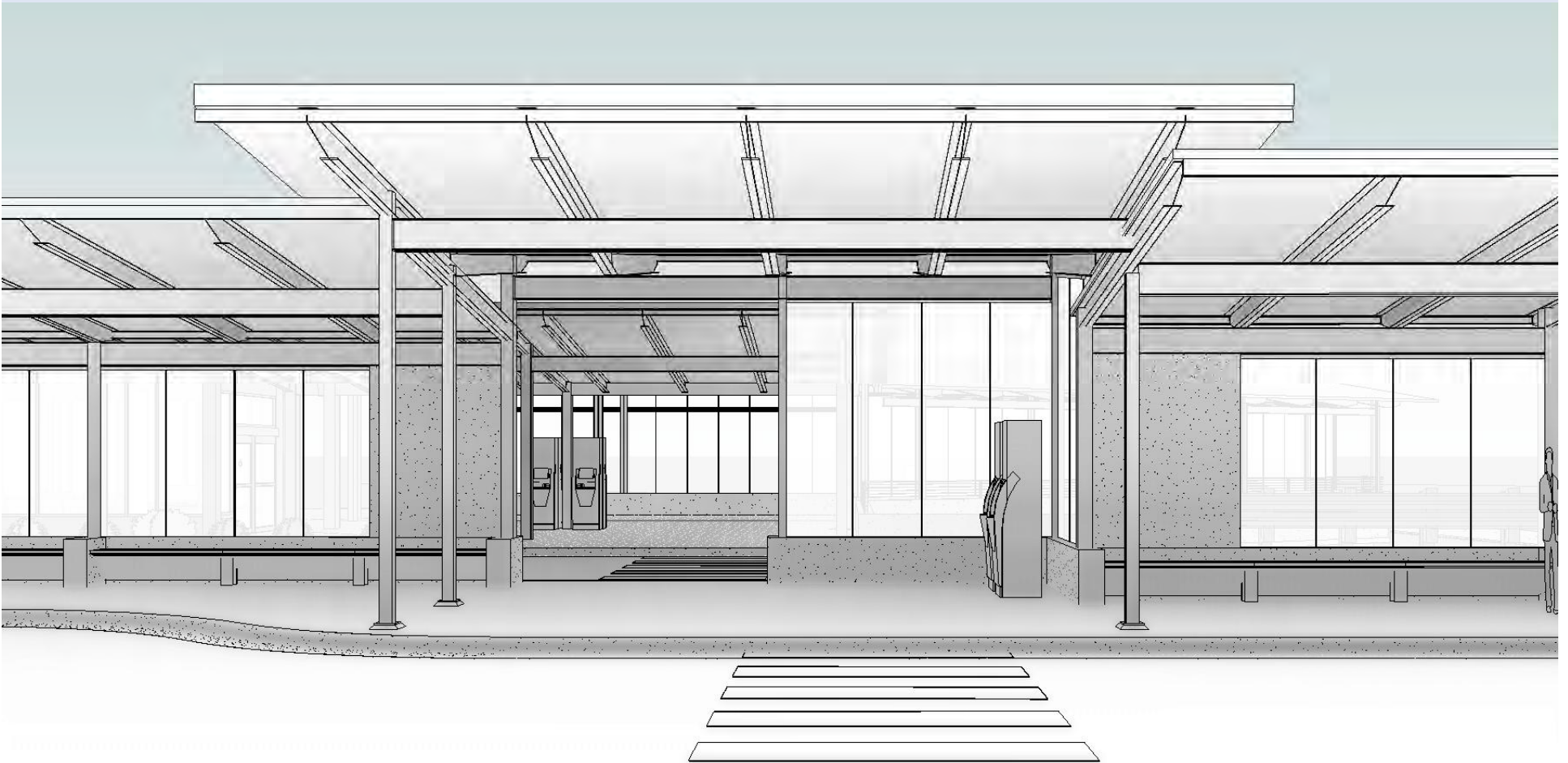
# Canopy Renderings





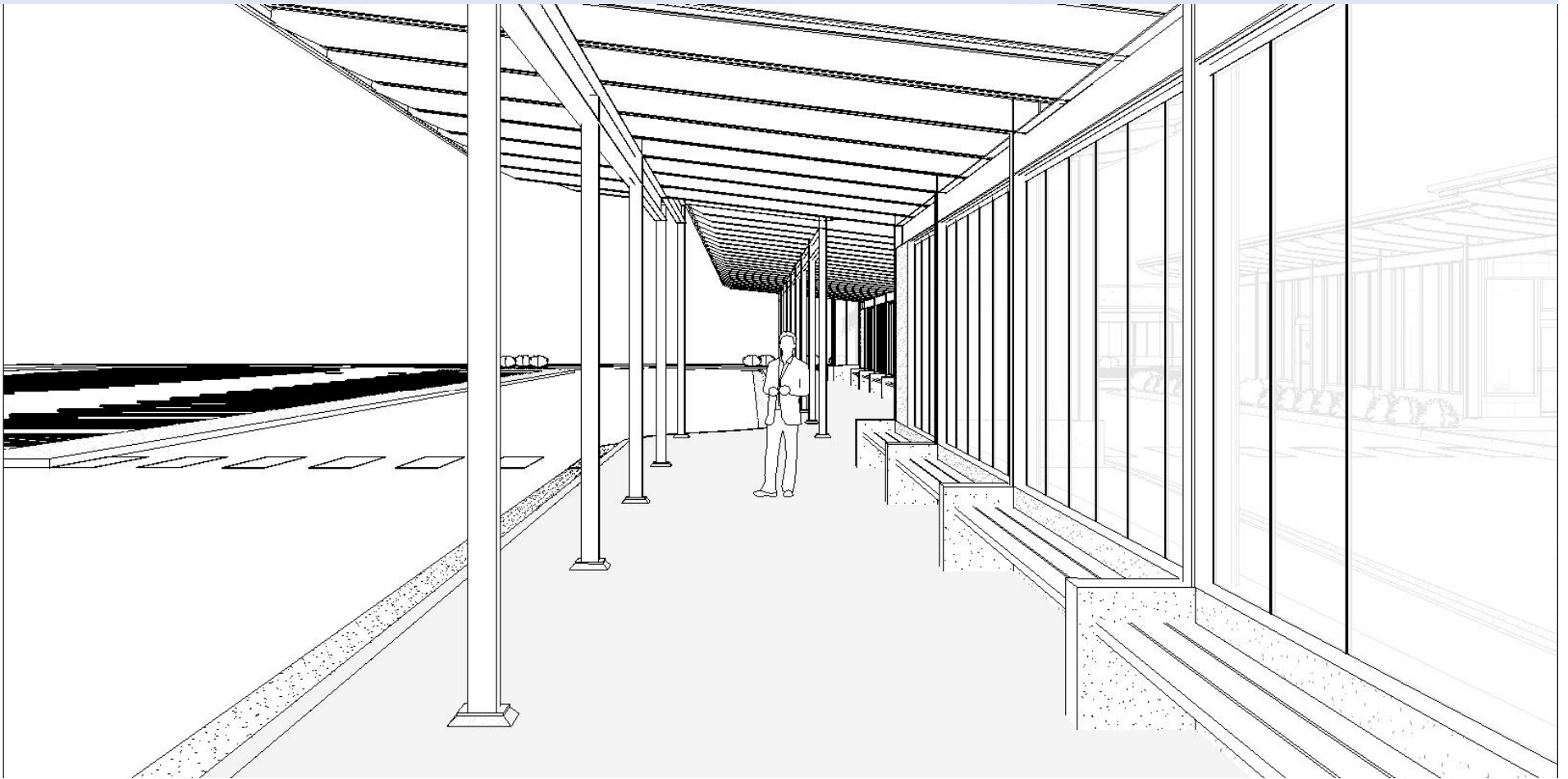


# Canopy Renderings





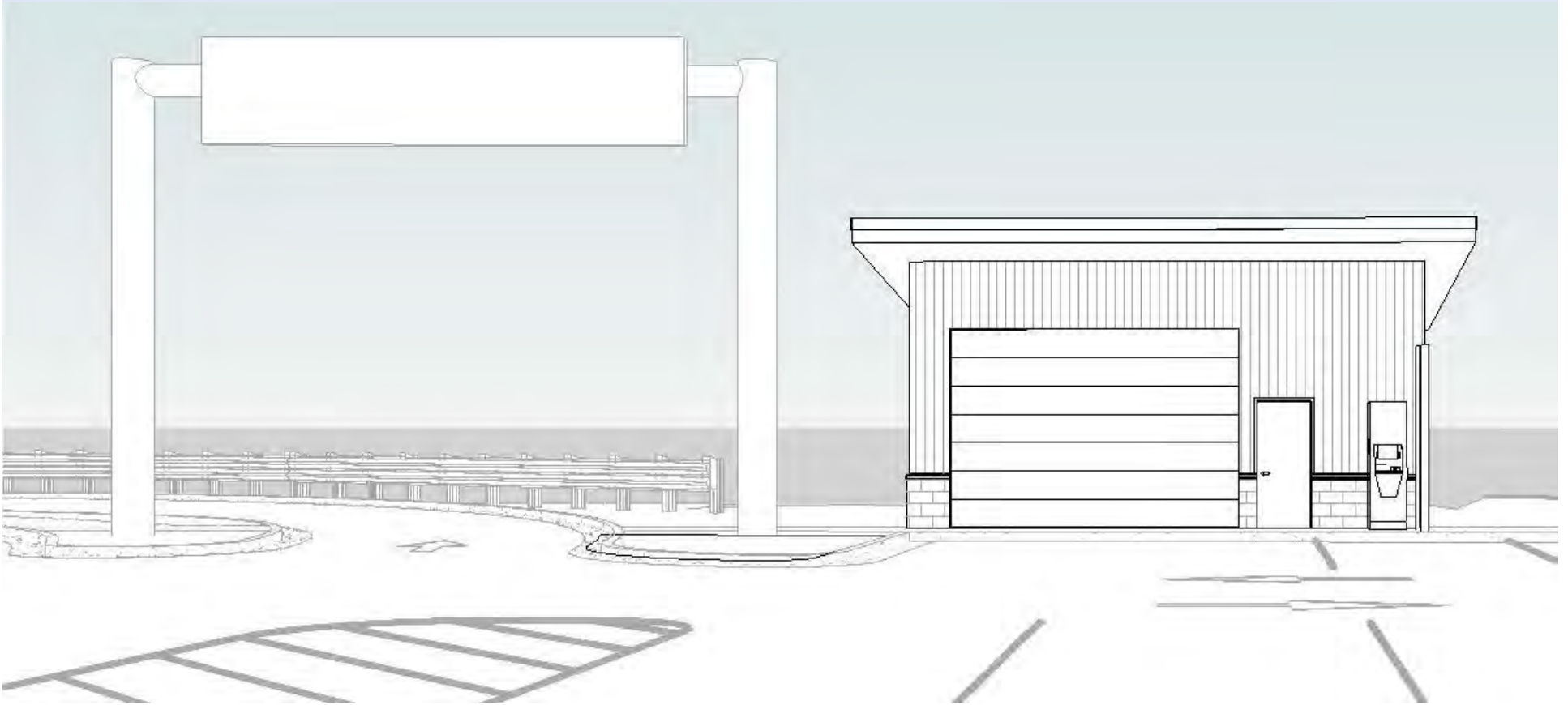
# Drop-Off / Pick-up Seating





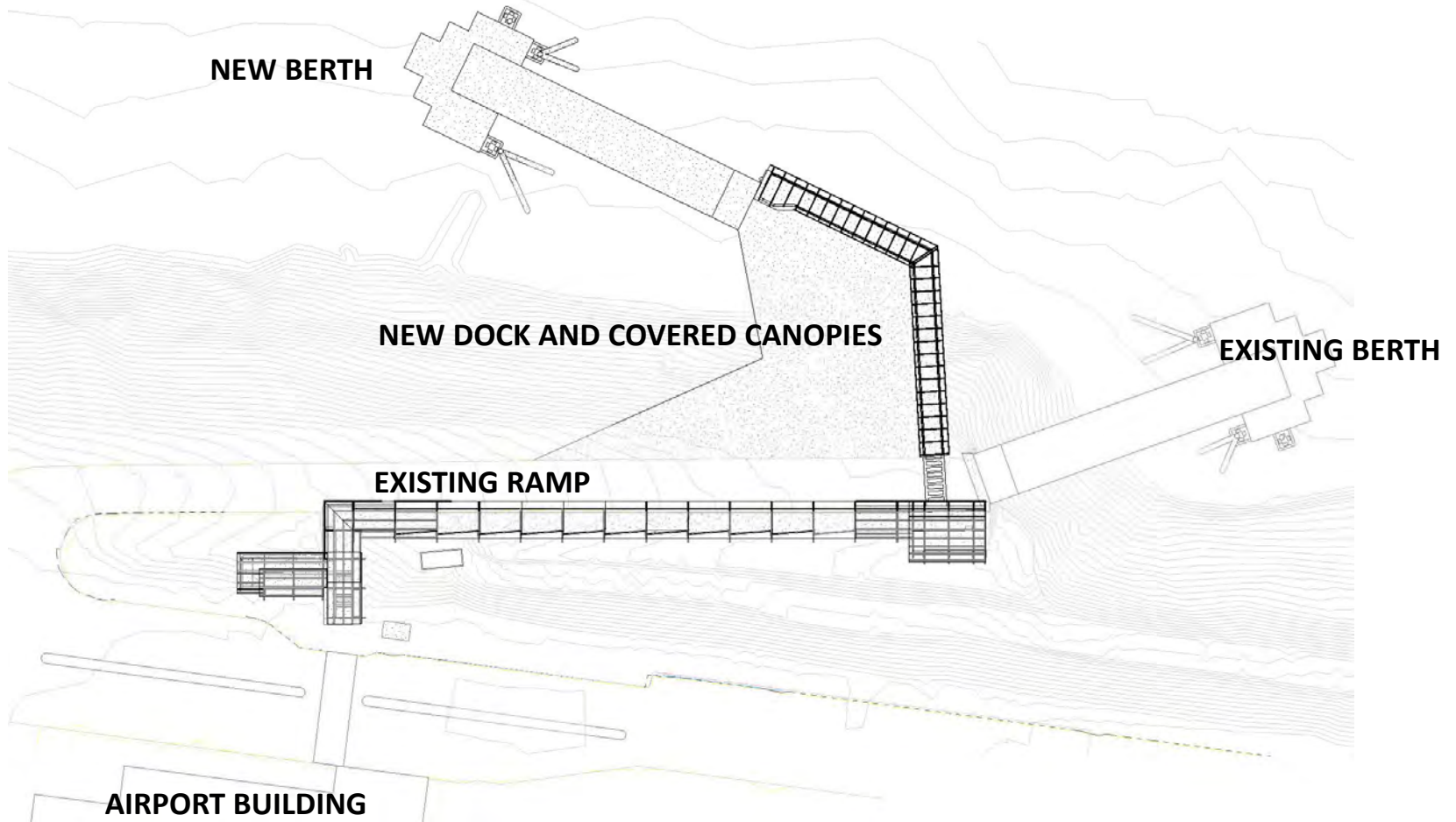


# Staging Lanes & Storage Building





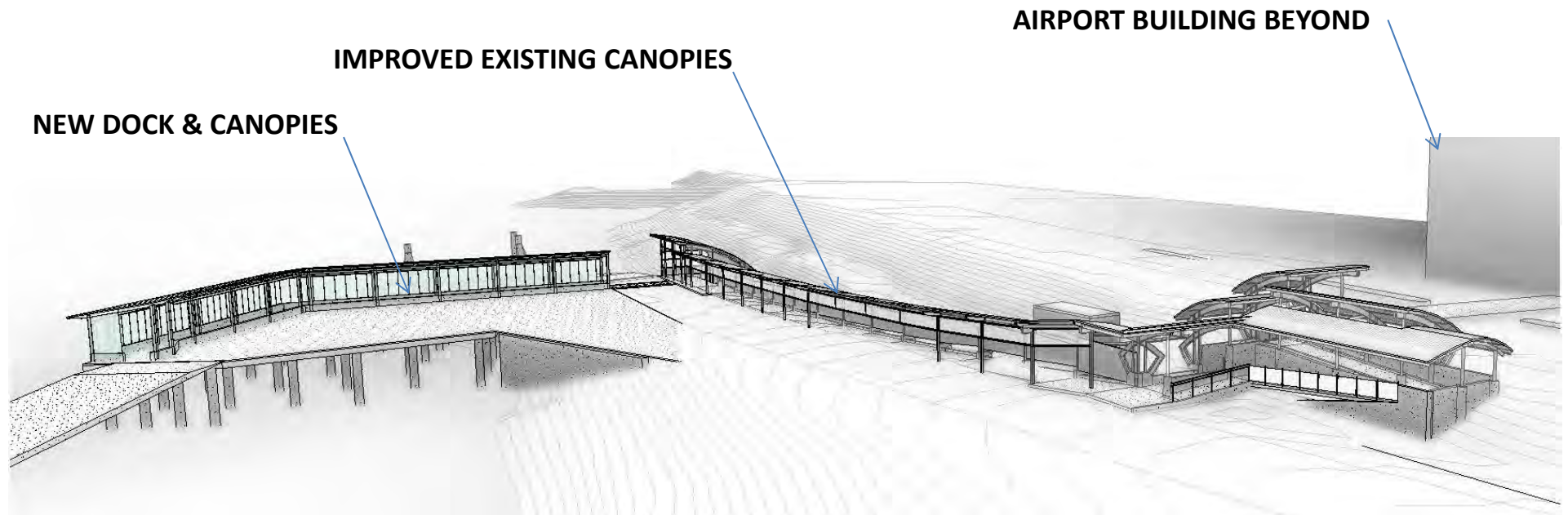
# Gravina Walkway Improvements





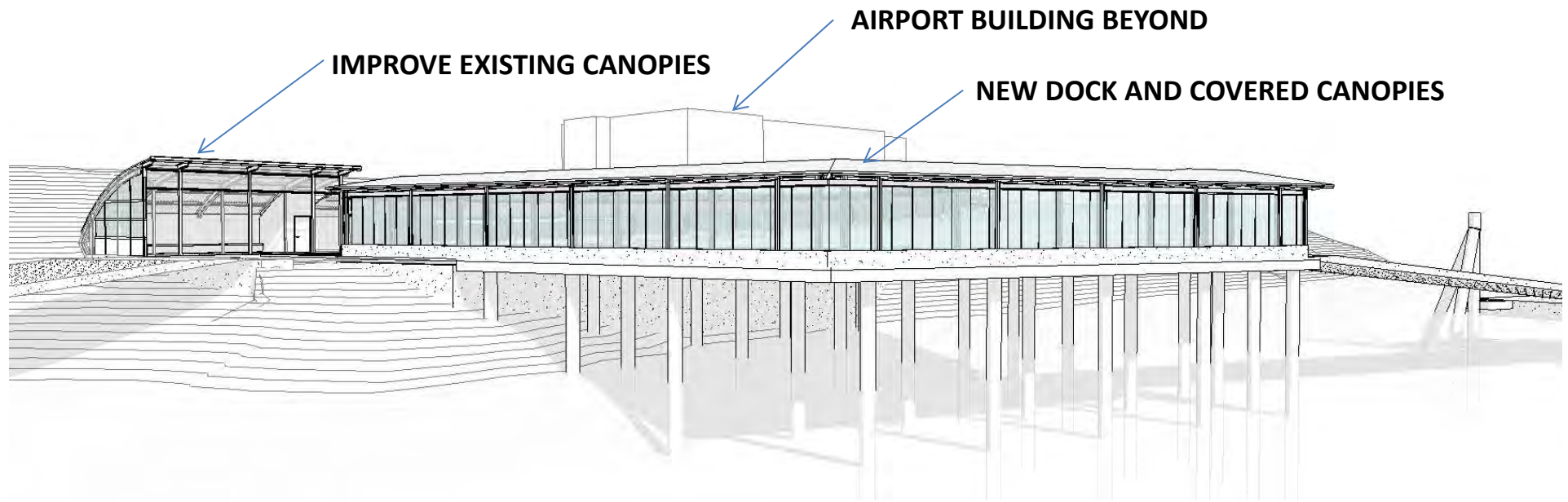


# Gravina Walkway Improvements





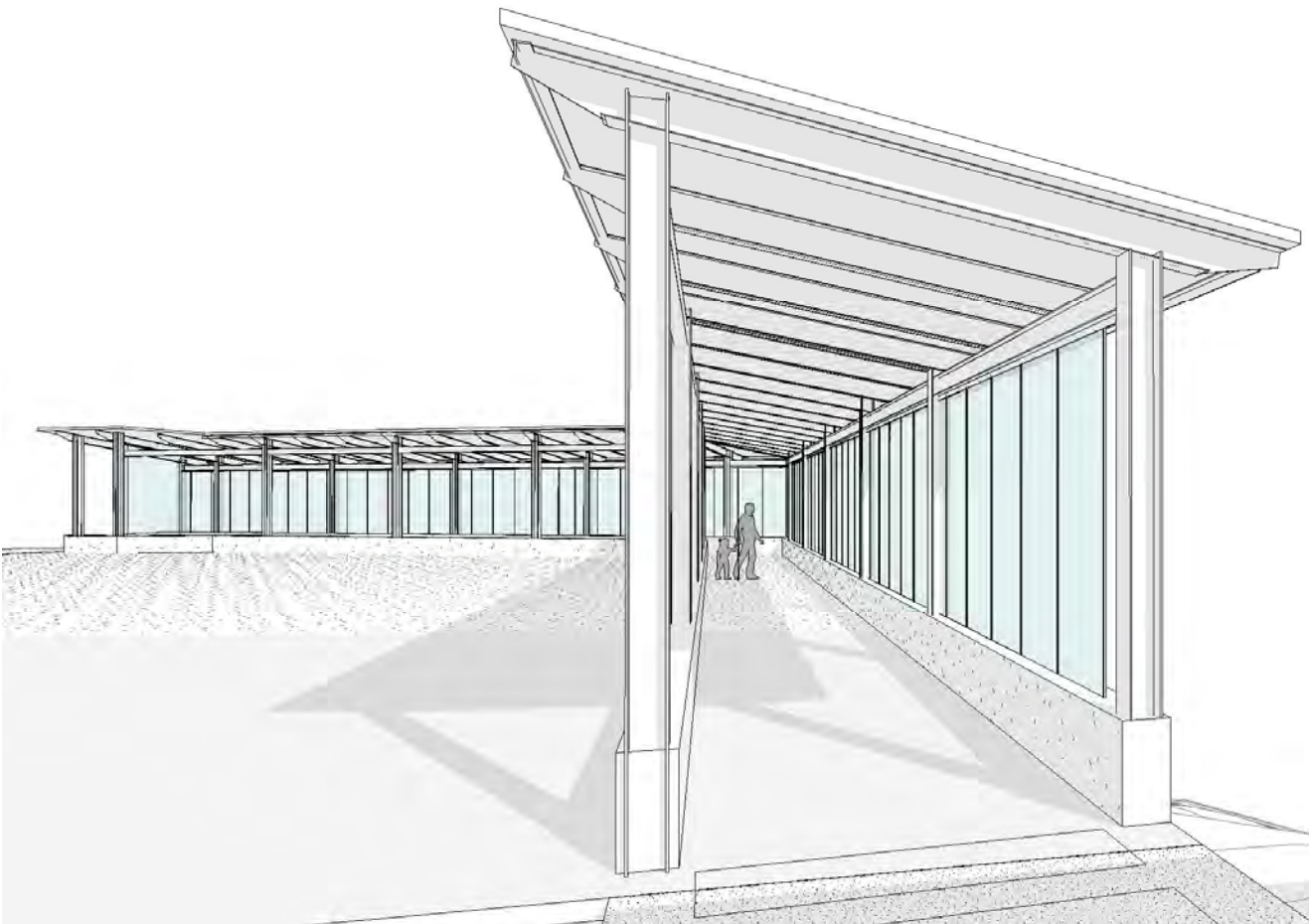
# Gravina Walkway Renderings







## Gravina Walkway Renderings



**NEW DOCK RAIN/WIND  
PROTECTED PASSENGER  
QUEUING**



END