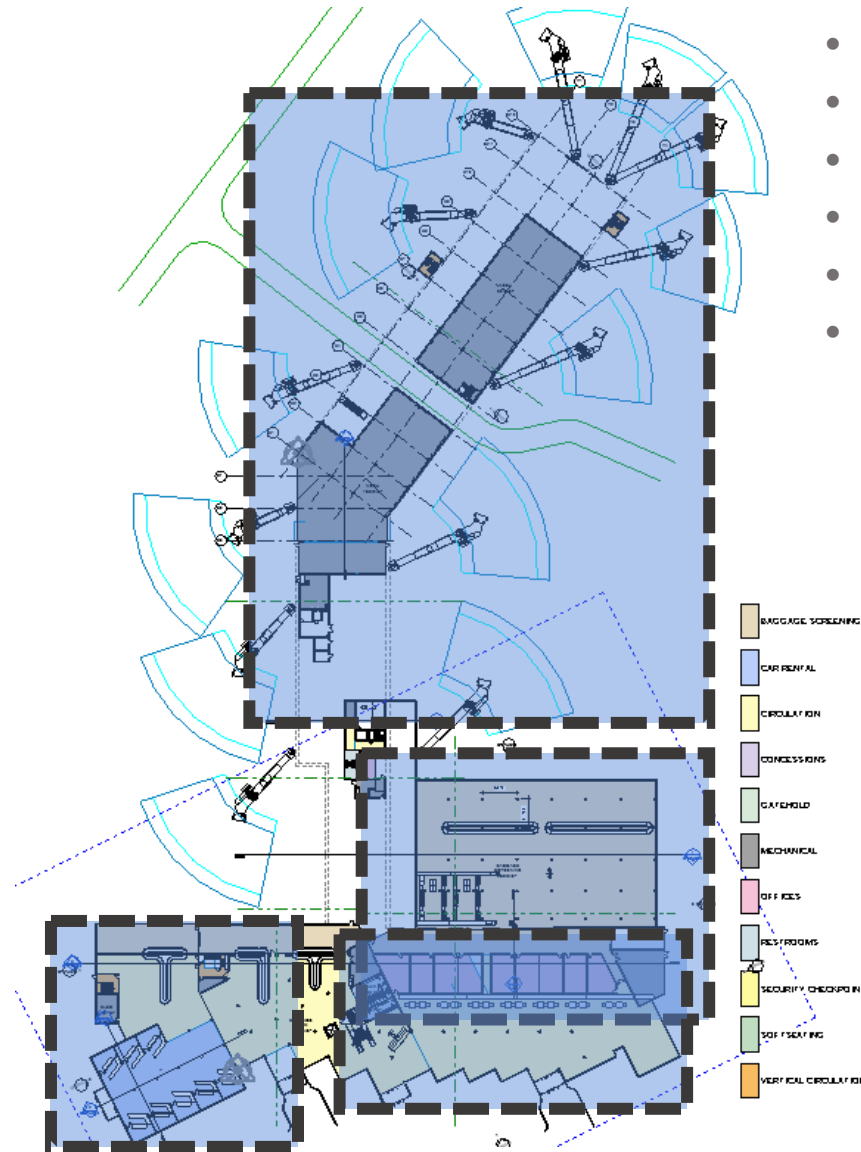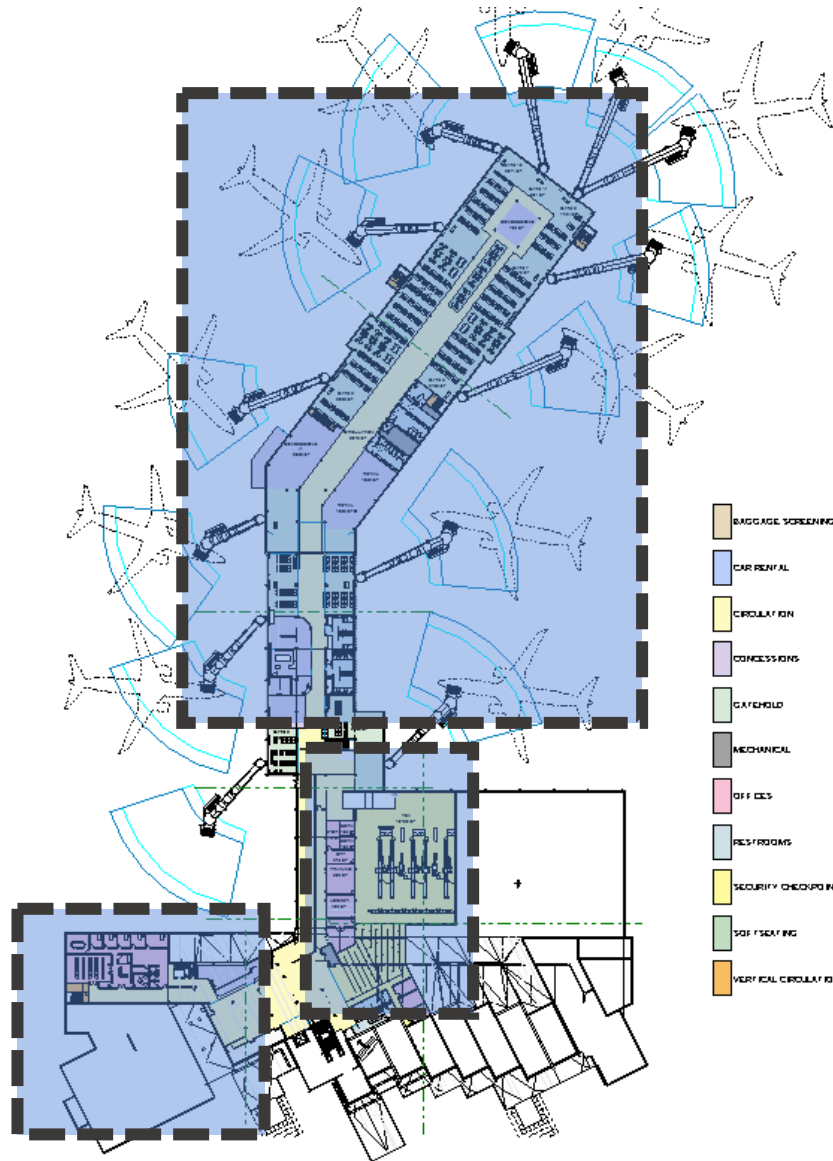Mead
&Hunt

Rapid City Regional Airport

Agenda

✈ **Schematic Design Goals**

✈ **Airport Studies and Discussion**

  ▸ TSA Checkpoint

  ▸ Checked Baggage / Loading Zone

  ▸ Ticketing

  ▸ Concourse

  ▸ Car Rental / Baggage Claim

  ▸ Administration

✈ **Schedule / Next Steps**

Overall Concourse Level

- TSA Checkpoint
- Checked Baggage / Loading Zone
- Ticketing
- Concourse
- Car Rental / Baggage Claim
- Administration

Schematic Design Goals

Rapid City Regional Airport Expansion

Mead &Hunt
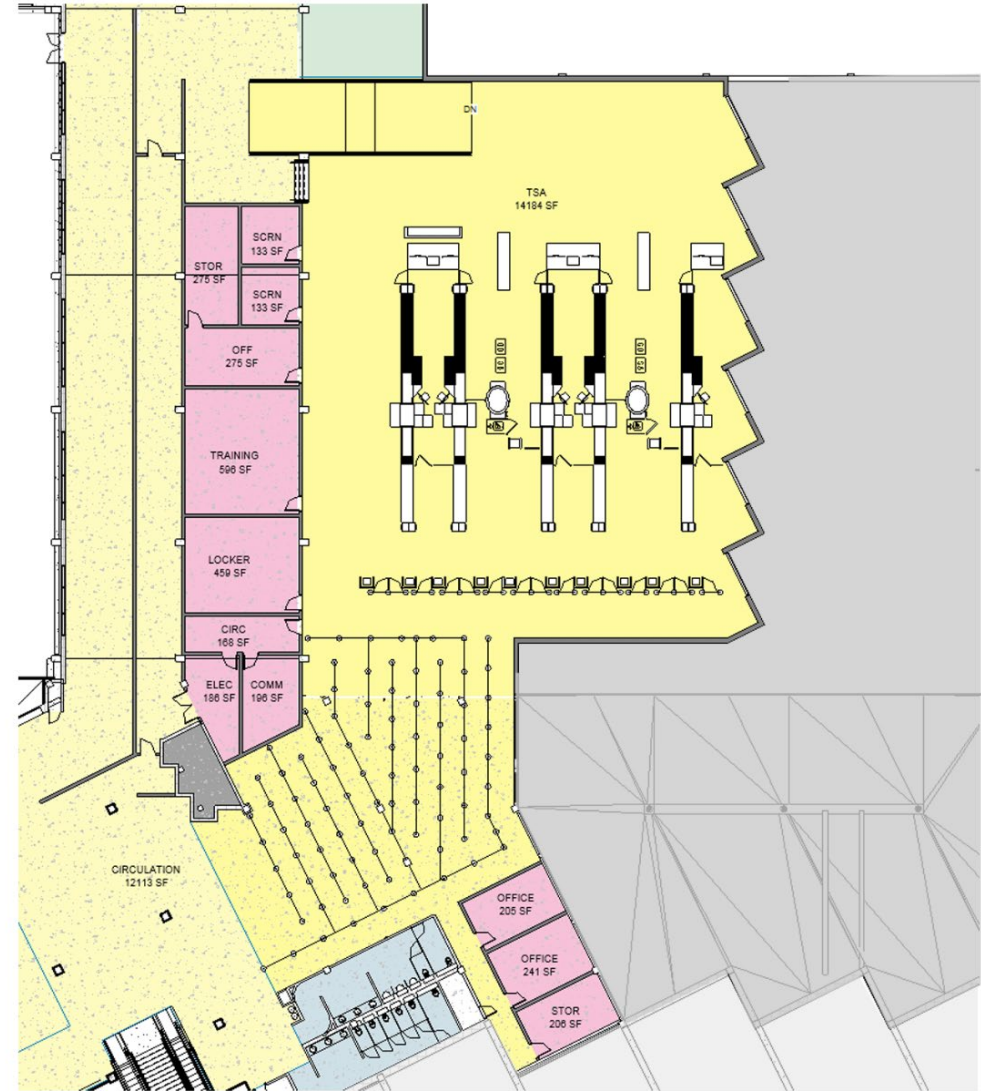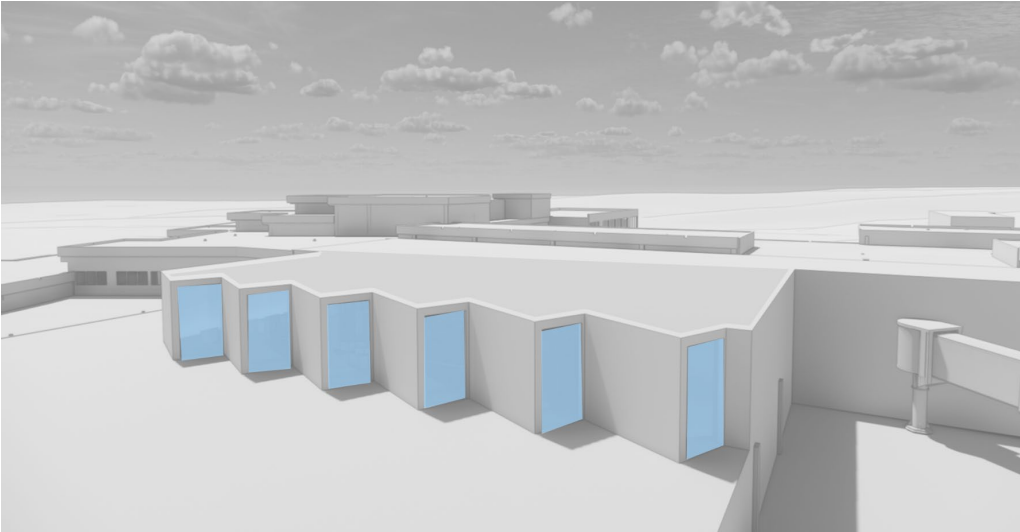
Schematic Design End Goals

➤ **Generate an interior and exterior sense of place**

➤ **Explore and refine plans, elevations, and sections**

➤ **Coordinate Mechanical, Electrical, and Plumbing direction**

➤ **Confirm design performance objectives**

➤ **Explore structural layouts and conventions for expansion**

➤ **Align Concept Design report with budgeting goals**
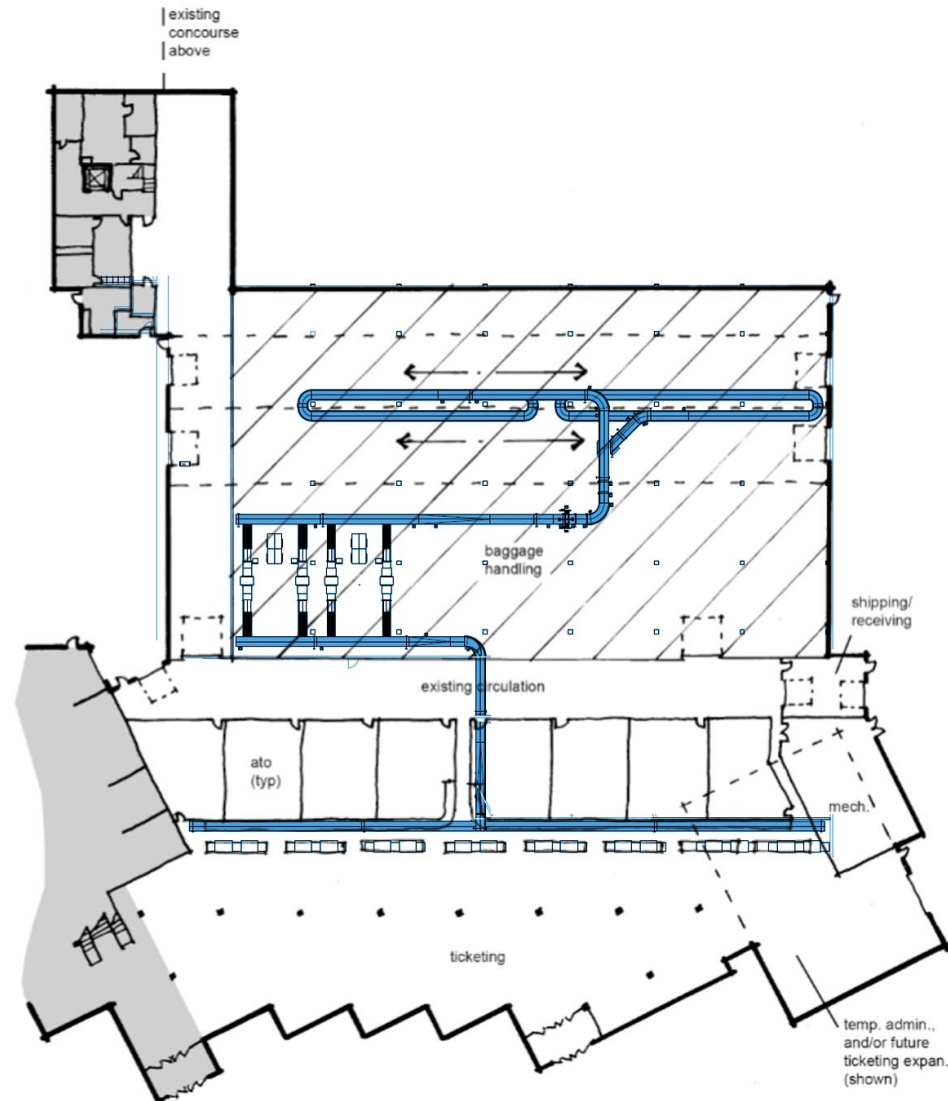
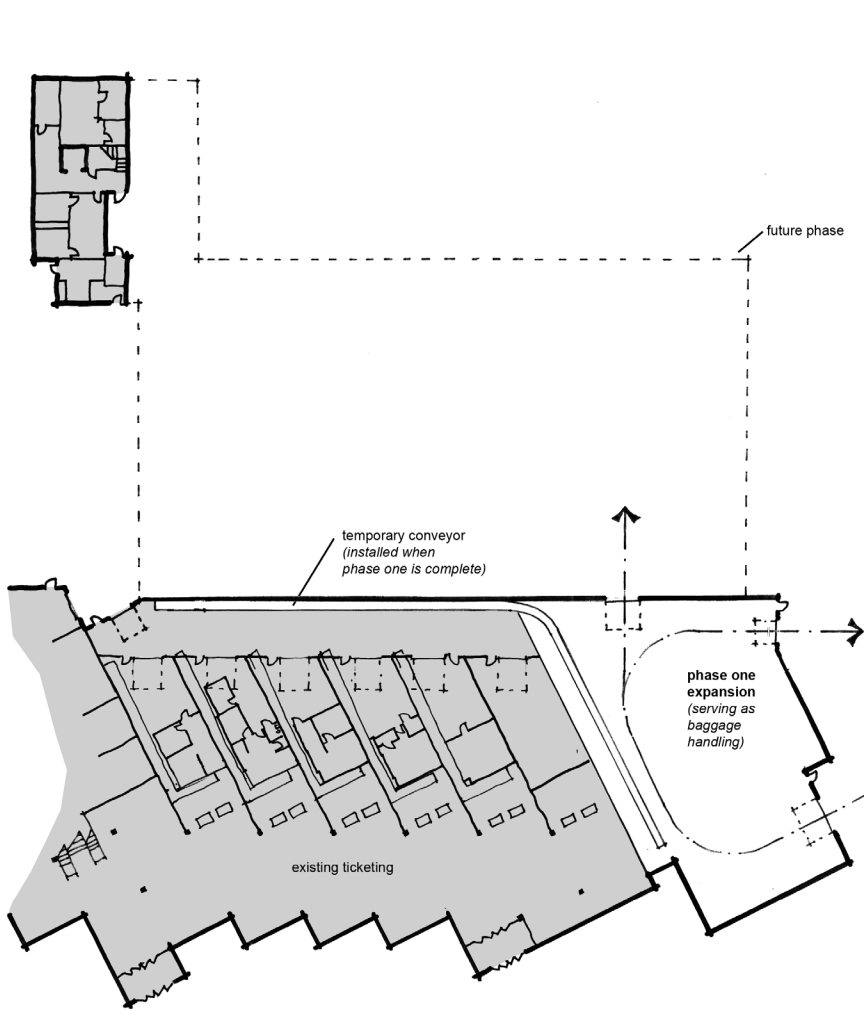TSA Security Checkpoint

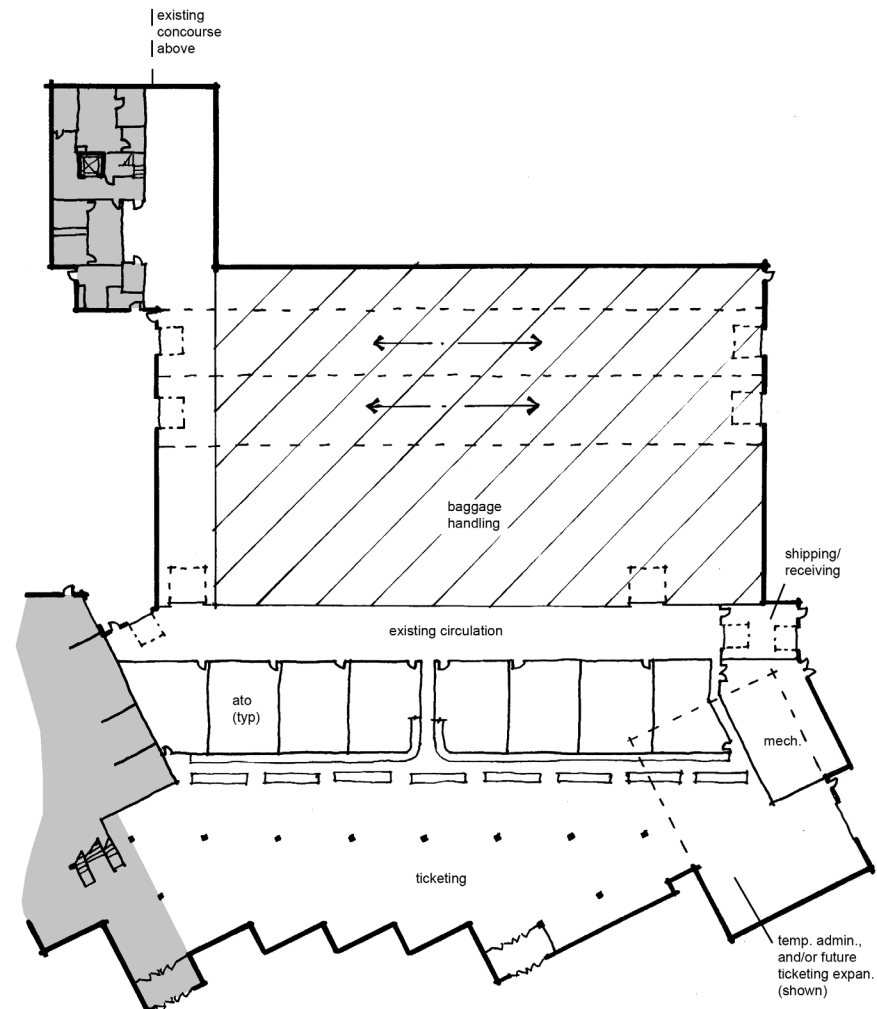# TSA Security Checkpoint

Ticketing / Baggage Screening

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Baggage Handling

Baggage Handling

existing
concourse
above

future phase

temporary conveyor
*(installed when
phase one is complete)*

phase one
expansion
*(serving as
baggage
handling)*

existing ticketing

baggage
handling

shipping/
receiving

existing circulation

ato
(typ)

mech.

ticketing

temp. admin.,
and/or future
ticketing expan.
(shown)

Step 1

Step 2

Ticketing - Arrival & Placemaking

Ticketing

- 7,200 SF of ATO Spaces (9 x 800 SF)
- 32 x 3'-0" ticketing counters
- 12,000 SF Queueing Space
- 2,000 SF Mechanical Space
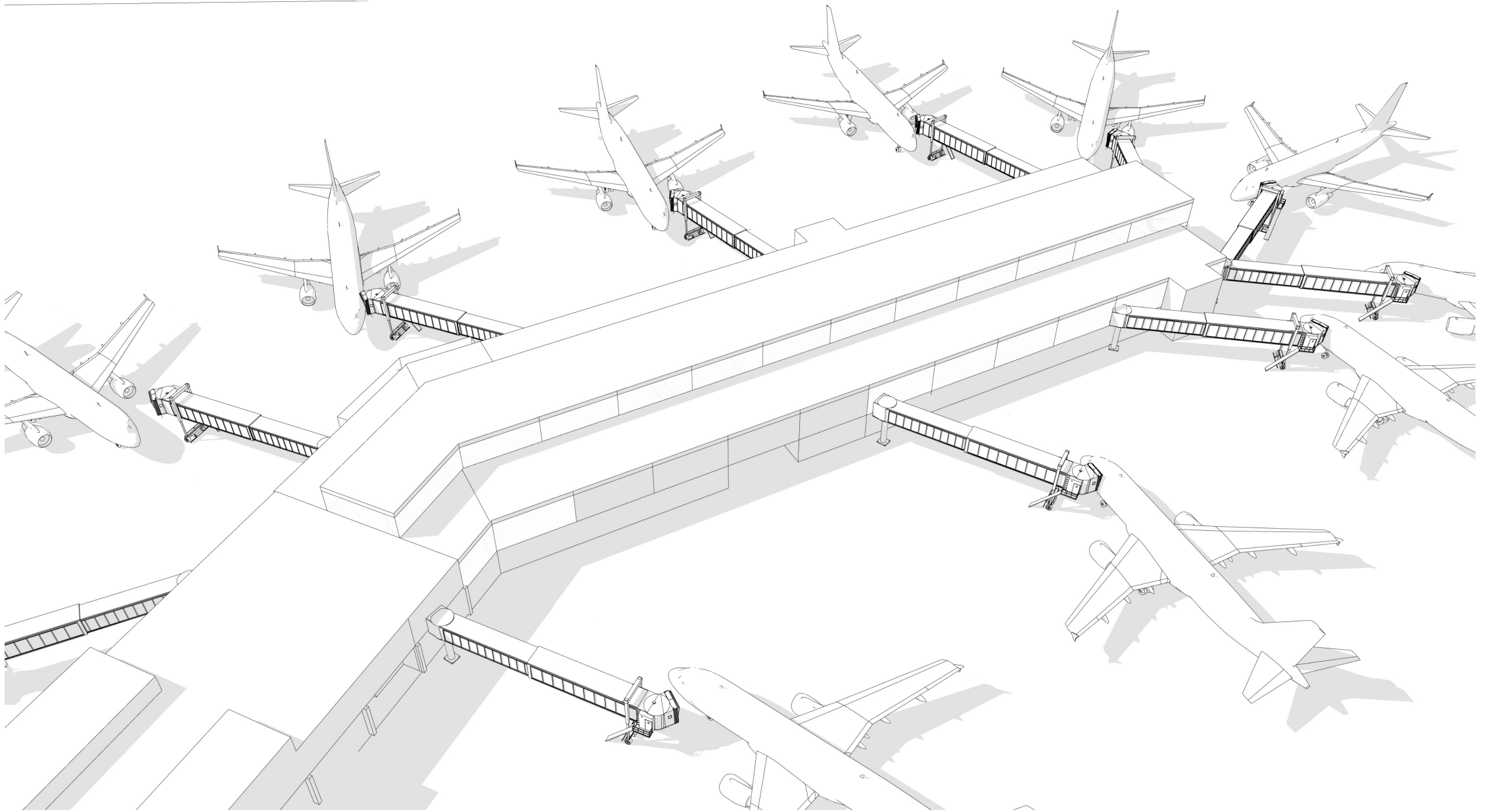- Loading Zone
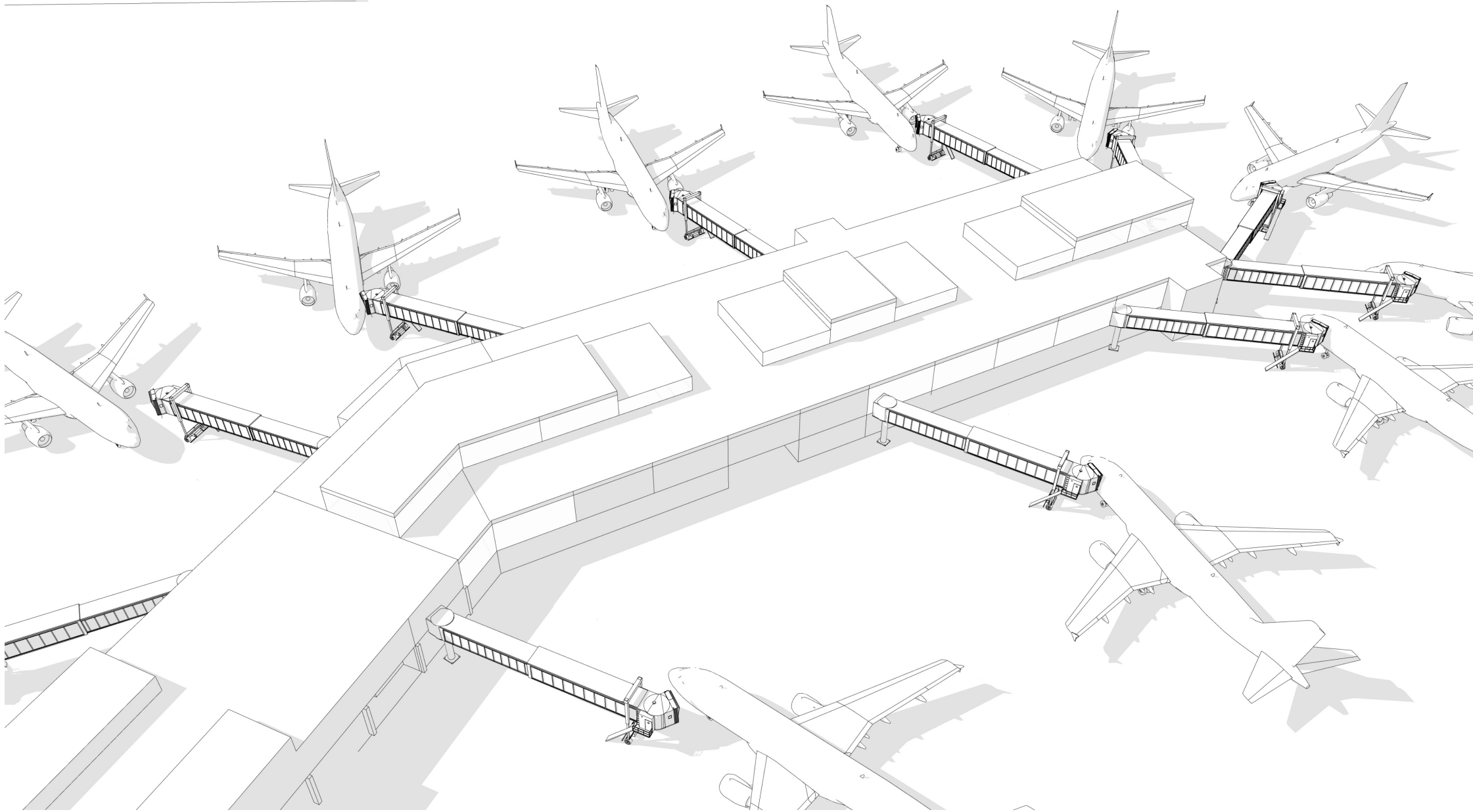- Secure Circulation

Concourse

Concourse

✈ **Concourse Level**

  ▶ Program / Concessions
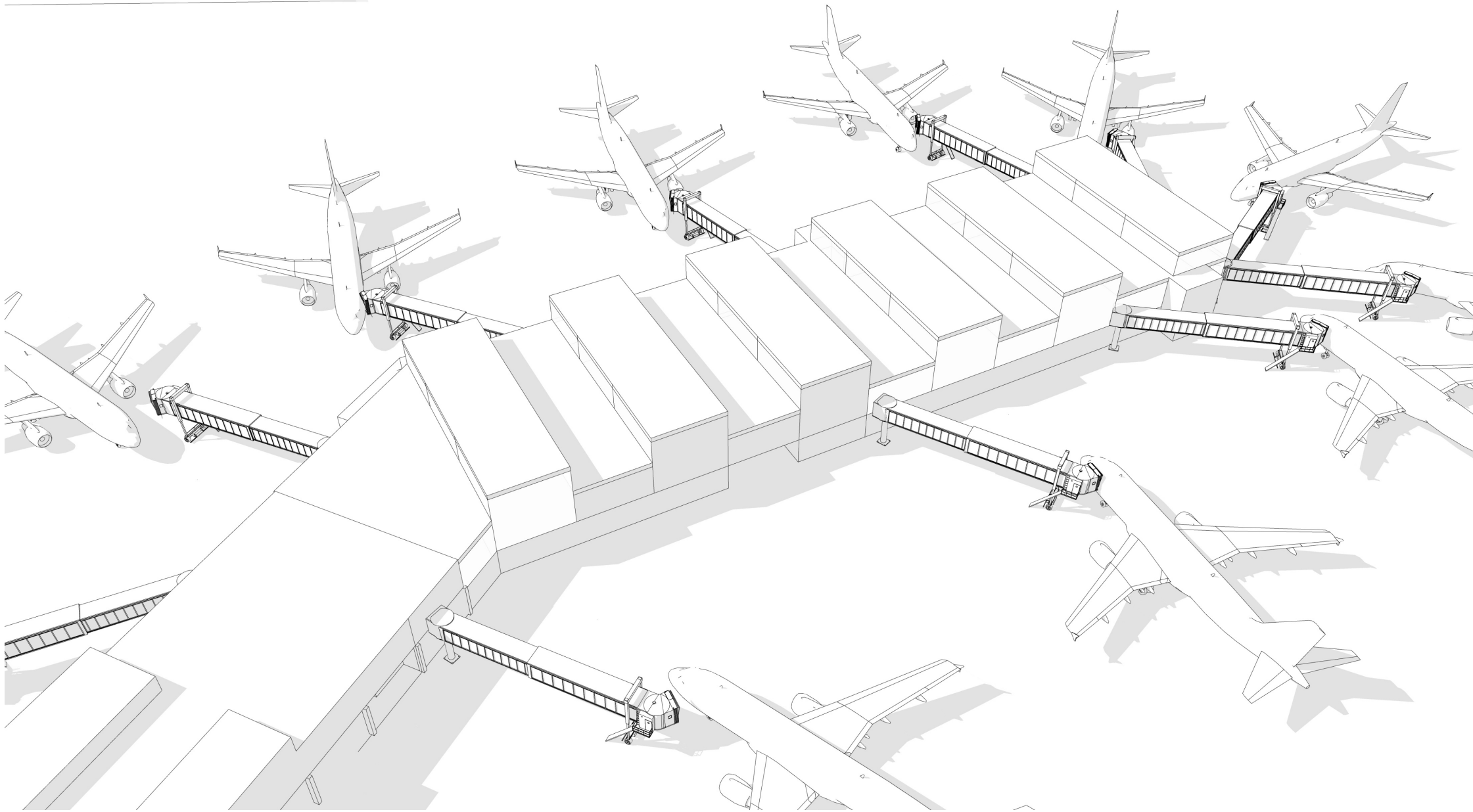
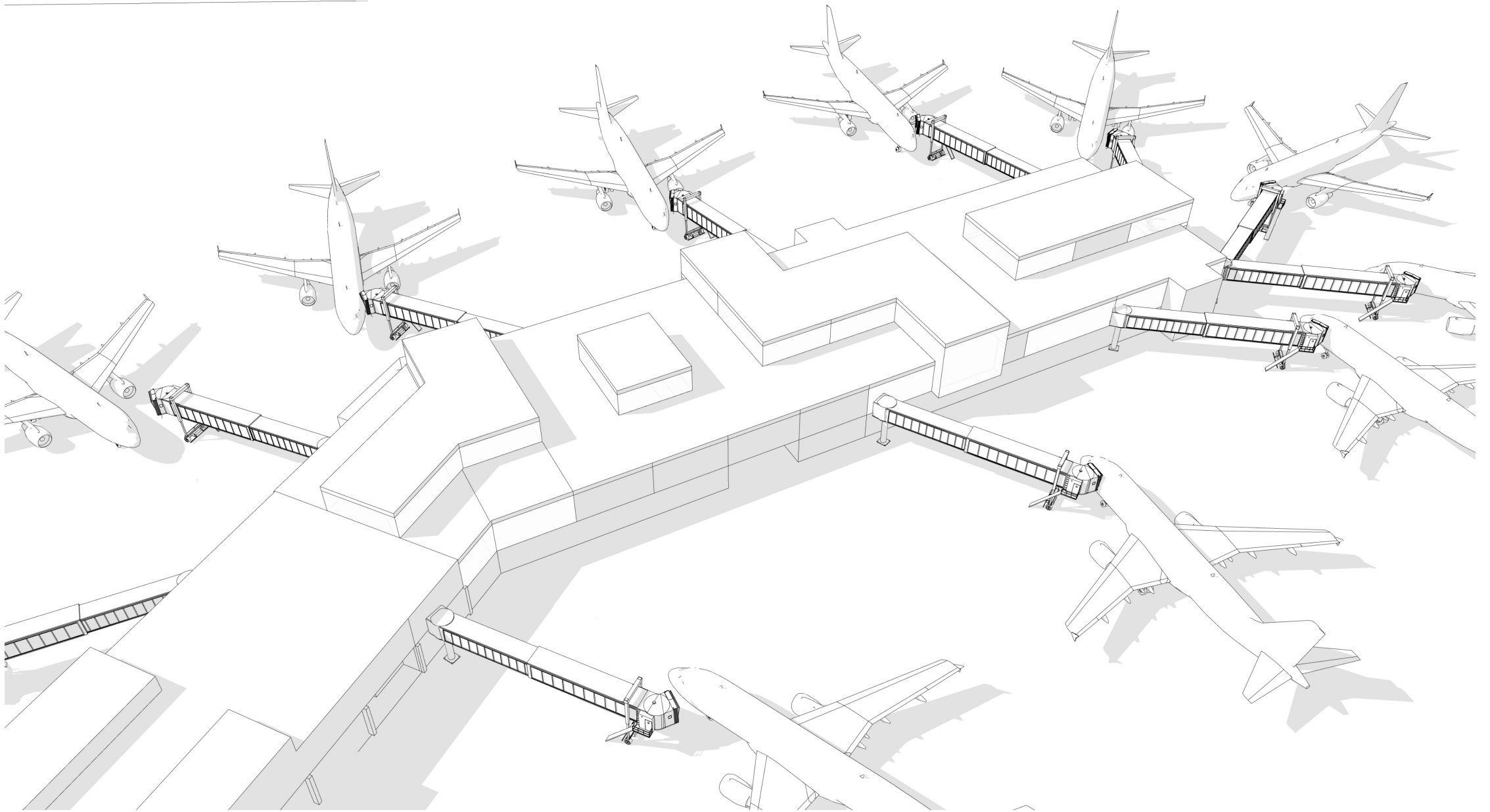 ▶ Seating Configuration

  ▶ Massing of Exterior

✈ **Apron Level**

  ▶ Usage of this area

  - Mechanical / Electrical

  - Offices

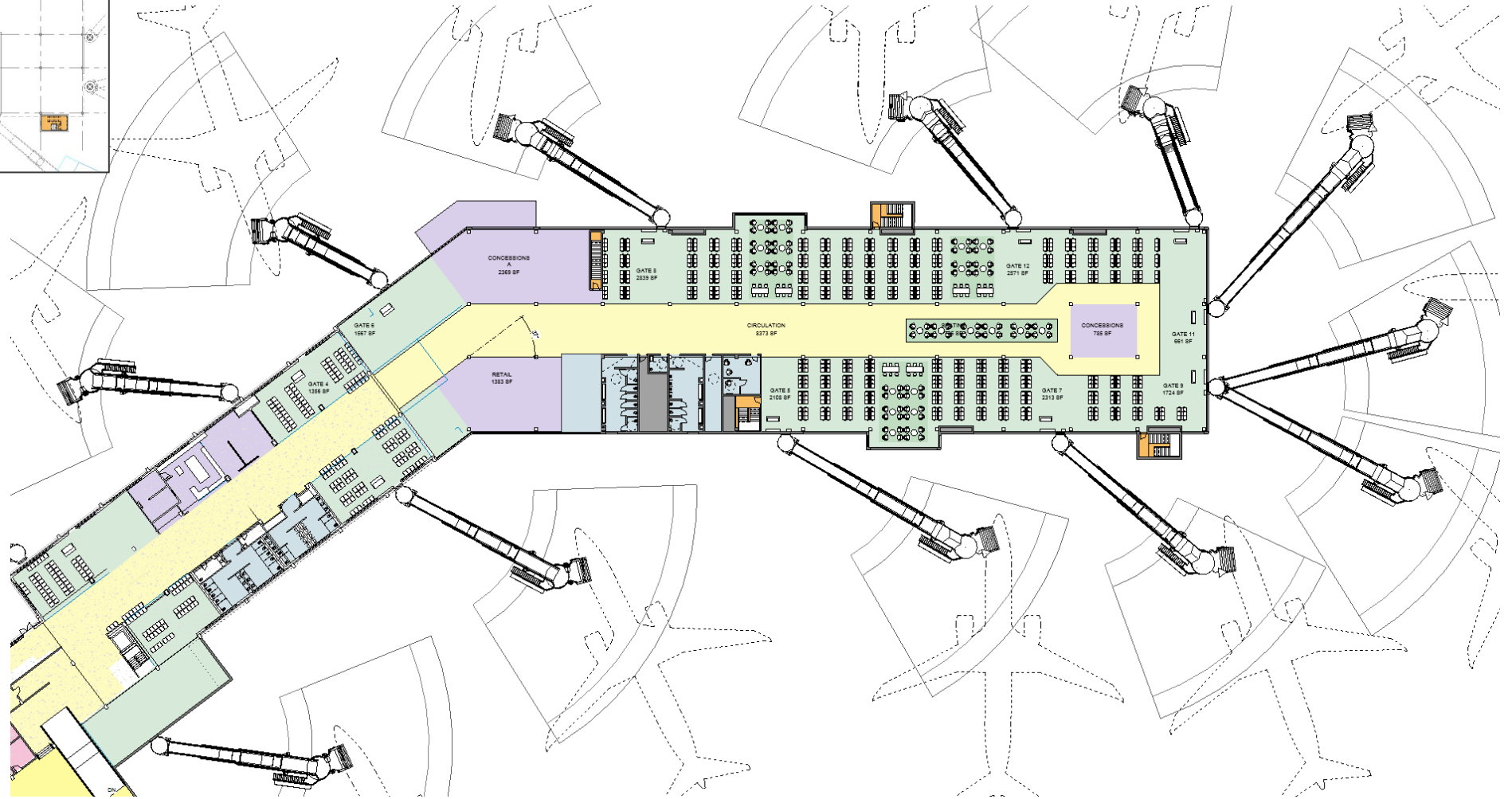 - Ground crew support space

  - Storage

  ▶ Vertical circulation
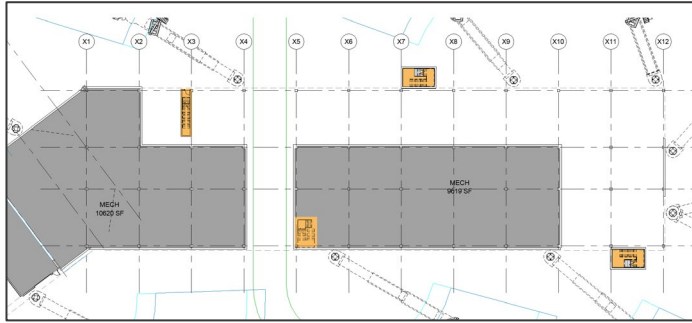
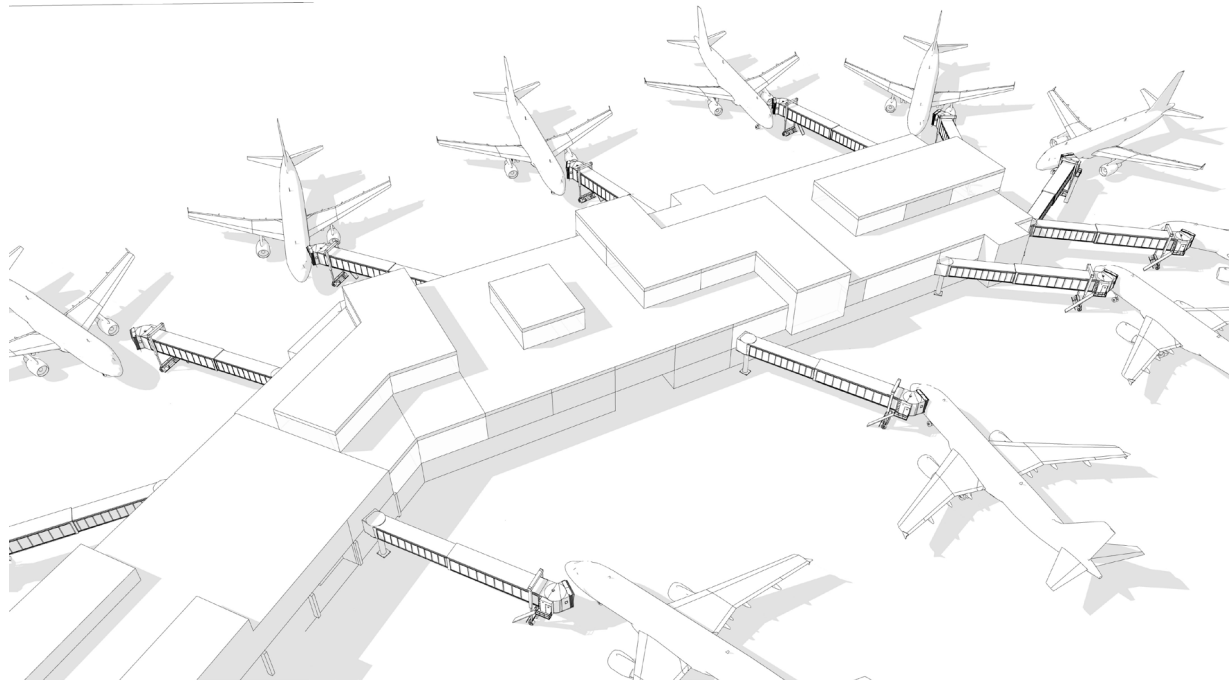# Car Rental / Baggage Claim
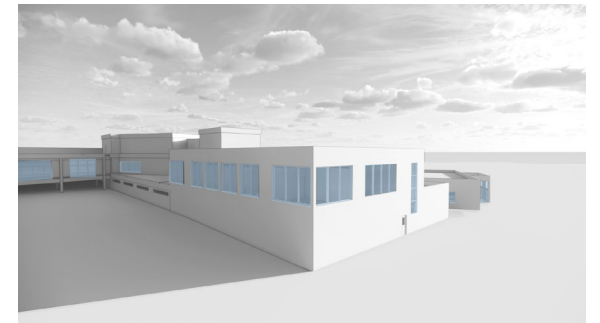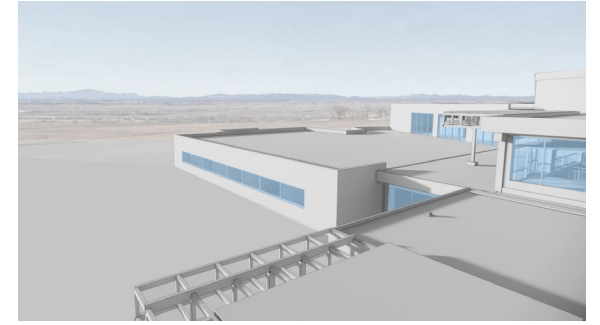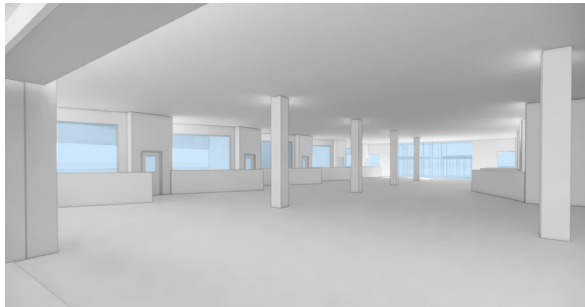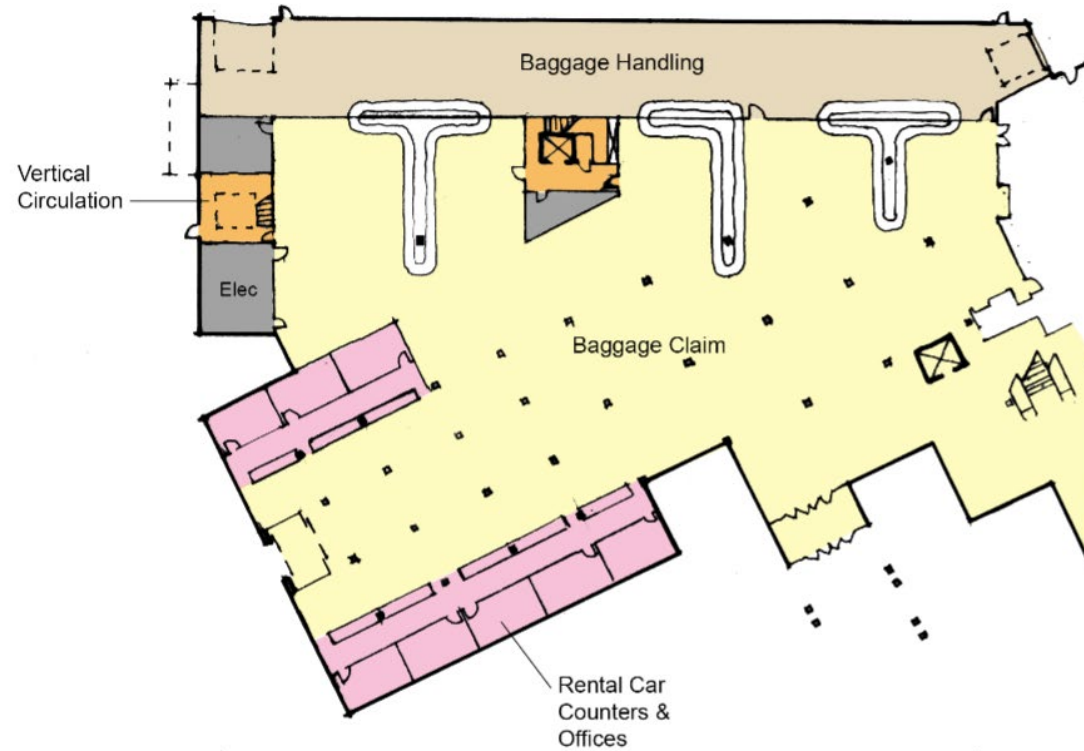
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Car Rental / Baggage Claim

✈ **Car rental programming**

  ▸ Right sizing of ticketing counters and quantities

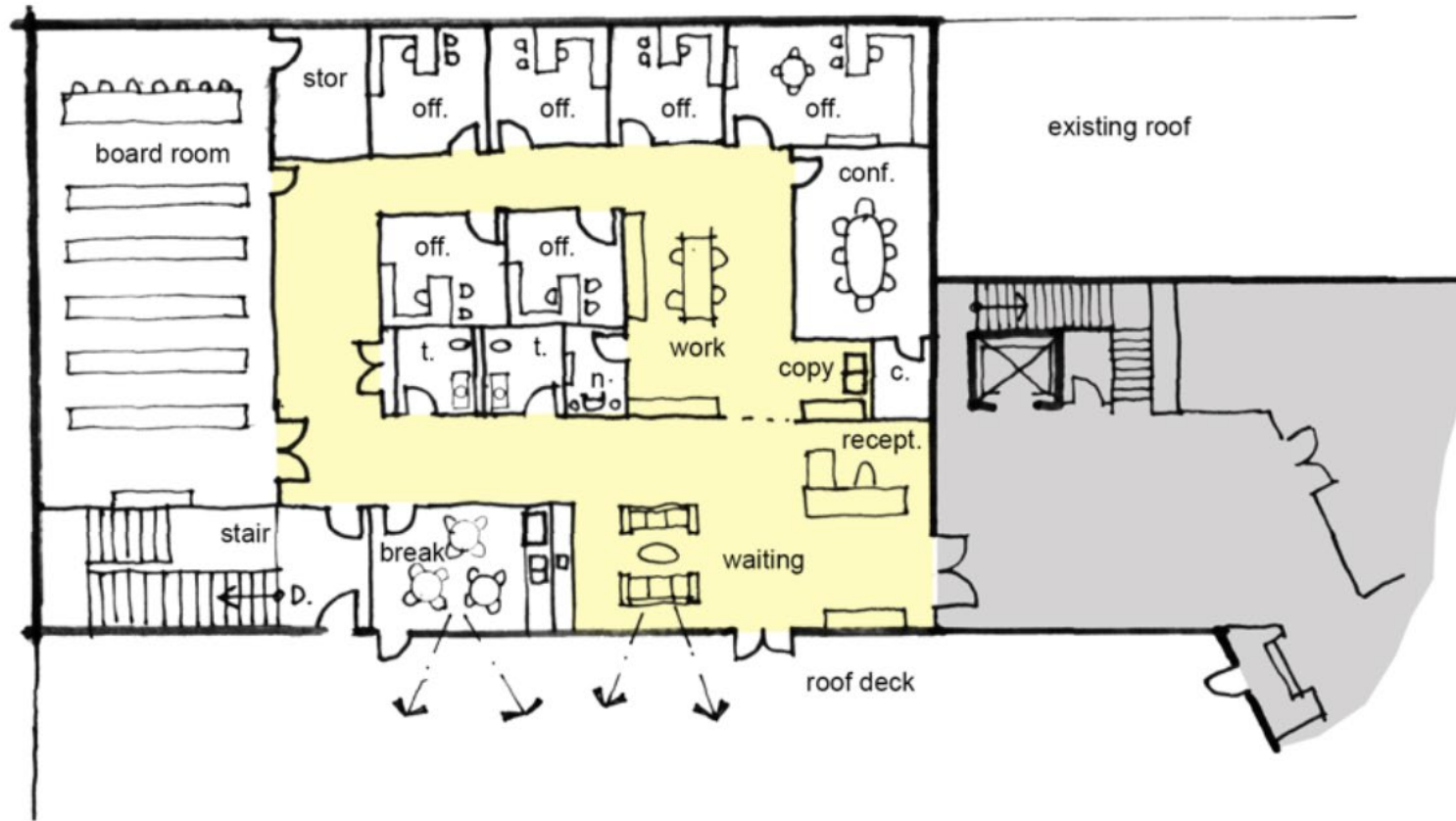 ▸ Layout Options

✈ **Baggage claim programming**

✈ **Massing**

Car Rental

Baggage Handling

Vertical Circulation

Elec

Baggage Claim

Rental Car Counters & Offices

Administration Offices

Administration Office Studies