Rapid City Regional Airport
Agenda

 воздушный судно Schematic Design Goals

 воздушный судно Airport Studies and Discussion
  ▶ TSA Checkpoint
  ▶ Checked Baggage / Loading Zone
  ▶ Ticketing
  ▶ Concourse
  ▶ Car Rental / Baggage Claim
  ▶ Administration

 воздушный судно Schedule / Next Steps
Overall Concourse Level

- TSA Checkpoint
- Checked Baggage / Loading Zone
- Ticketing
- Concourse
- Car Rental / Baggage Claim
- Administration
Schematic Design Goals
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
Baggage Handling
Baggage Handling

Step 1

- Existing ticketing
- Temporary conveyor (rotated when phase one is complete)
- Phase one expansion serving as baggage handling

Step 2

- Existing circulation
- Baggage handling
- Shipping/receiving
- Temp. admin., and/or future ticketing expansion (shown)
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
Car Rental / Baggage Claim

Car rental programming
- Right sizing of ticketing counters and quantities
- Layout Options

Baggage claim programming

Massing
Car Rental
Administration Offices
Administration Office Studies
Thank You!