

OUTLINE

- A PROJECT BACKGROUND
- B EXISTING CONDITIONS / DESIGN
 CONCEPTS
- C RENDERING PHASE 2 VS REVIT RENDER
- D RELEVANT CD DRAWINGS
- E ART ENRICHMENT APPROACH



1

Seismic Retrofit

 Provide seismic retrofit to Terminal 3 West and F-Connector. 2

Upgrade Systems

- Upgrade and/or replace building systems deemed to be at the end of their life in order to improve operational functionality, reliability, and efficiency.
- Mostly in Pre Security Area (Landside)

3

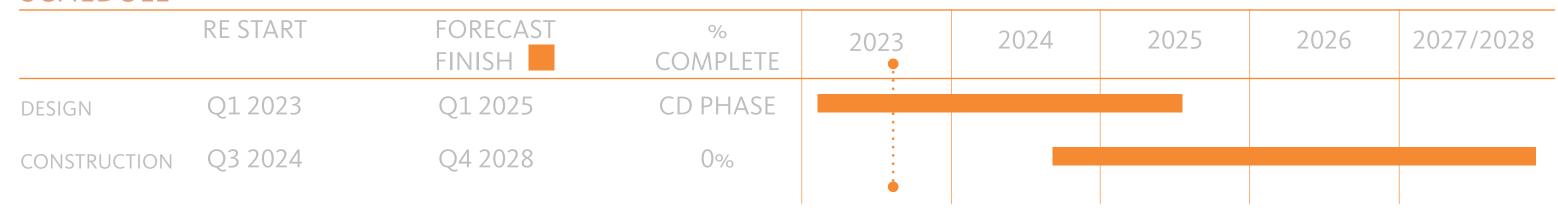
International Operations

 Increase international operational flexibility by providing 3 wide-body and 4 narrow-body swing gates and creating an FIS connection to the customs inspection area in the International Terminal. 4

Passenger Experience and Revenue Generation

- Implement a world-class concessions program and increase revenue generation.
- Complement the exceptional Boarding Area E and Terminal 3 East passenger experience and create unique moments of surprise and delight.

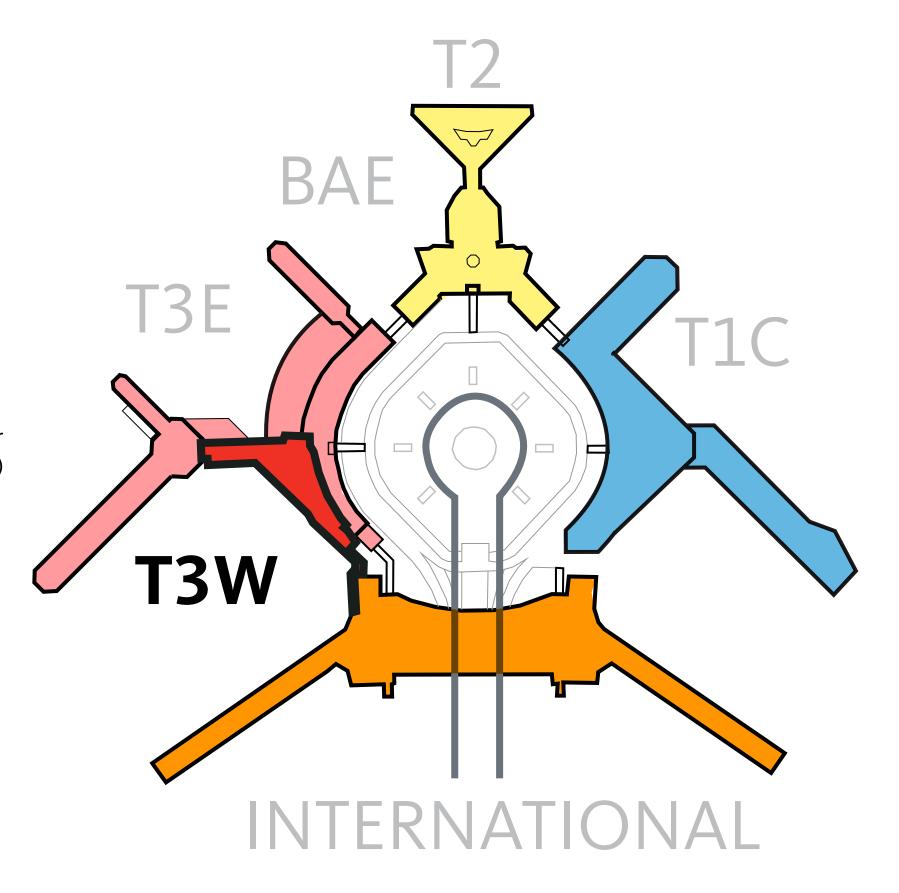
SCHEDULE



ADJACENCIES MATTER

This project continues the masterplan hierarchy that allows the International Terminal to remain as the "Jewel" of the Airport and primary in Architectural importance. It's features and materials build upon the existing context that Terminal 3's previous capital improvements have already created.

Terminal 3 West will incorporate the architectural language, color and materiality of Terminal 3 West (T3W) and Boarding Area E (BAE) while adapting to reflect its distinct programmatic functions.



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Terminal 3 West | Exterior Existing Conditions

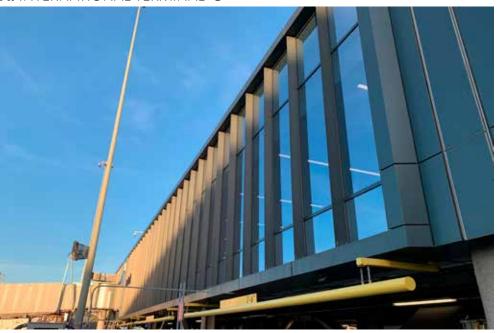


BOARDING AREA E TERMINAL 3 INTERNATIONA TERMINAL

Project Site and Airside Context



A. INTERNATIONAL TERMINAL 'G'



B. BOARDING AREA 'E'



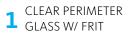
C. EXISTING FACADE

Terminal 3 West | Exterior Terminal 3 East Reference











2 METAL PANEL (PLATINUM)



METAL PANEL
(DARK GRAY METALLIC)



PERFORATED/ CORRUGATED METAL PANEL (LIGHT GRAY)



ALUMINUM 4 VERTICAL MULLIONFIN

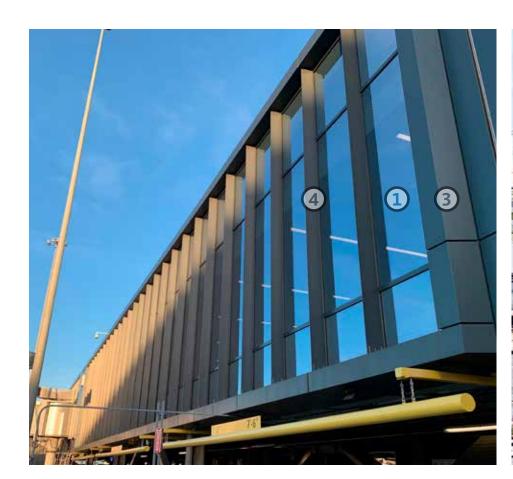


7 WIDE PROFILE CORRUGATED METAL PANEL ACCENT (LIGHT GRAY)

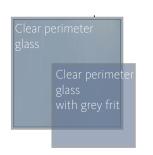




Terminal 3 West | Exterior Boarding Area E Reference











2 METAL PANEL (LIGHT GRAY)



3 METAL PANEL (DARK GRAY METALLIC)



4 ALUMINUM VERTICAL MULLION FIN

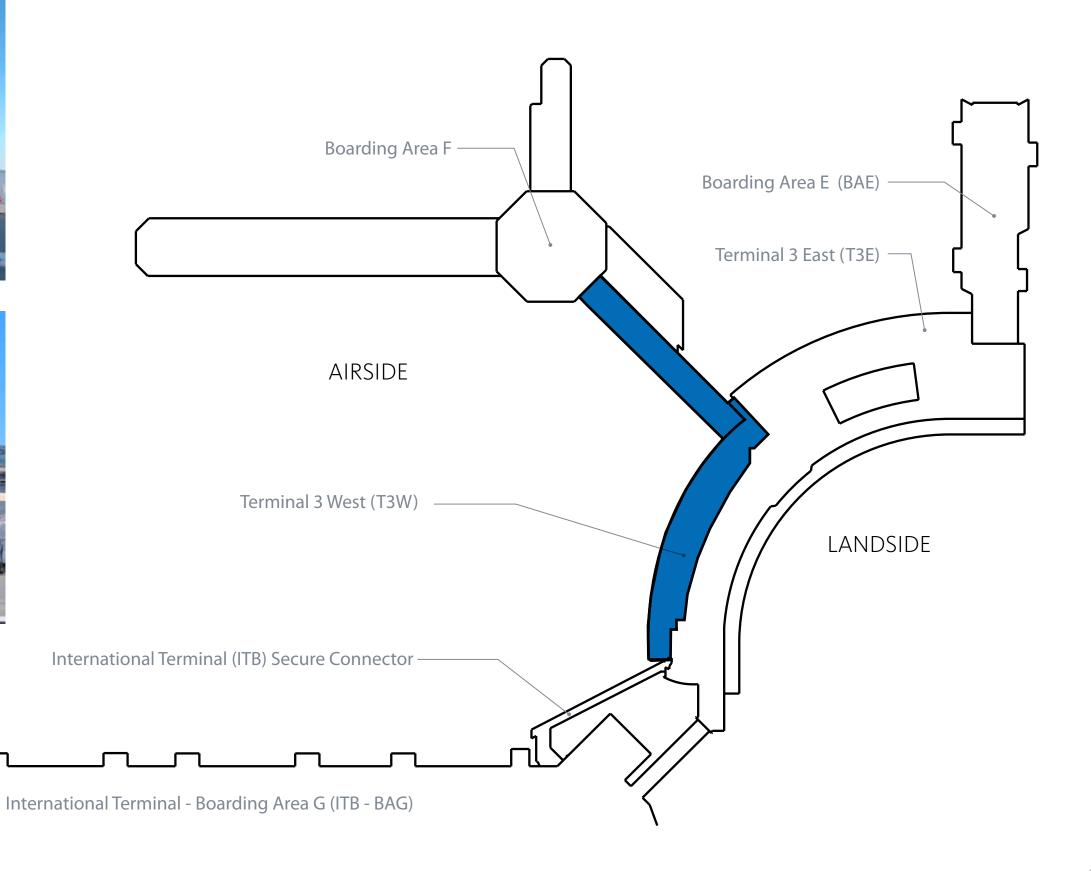


Existing Conditions





SCOPE AREA

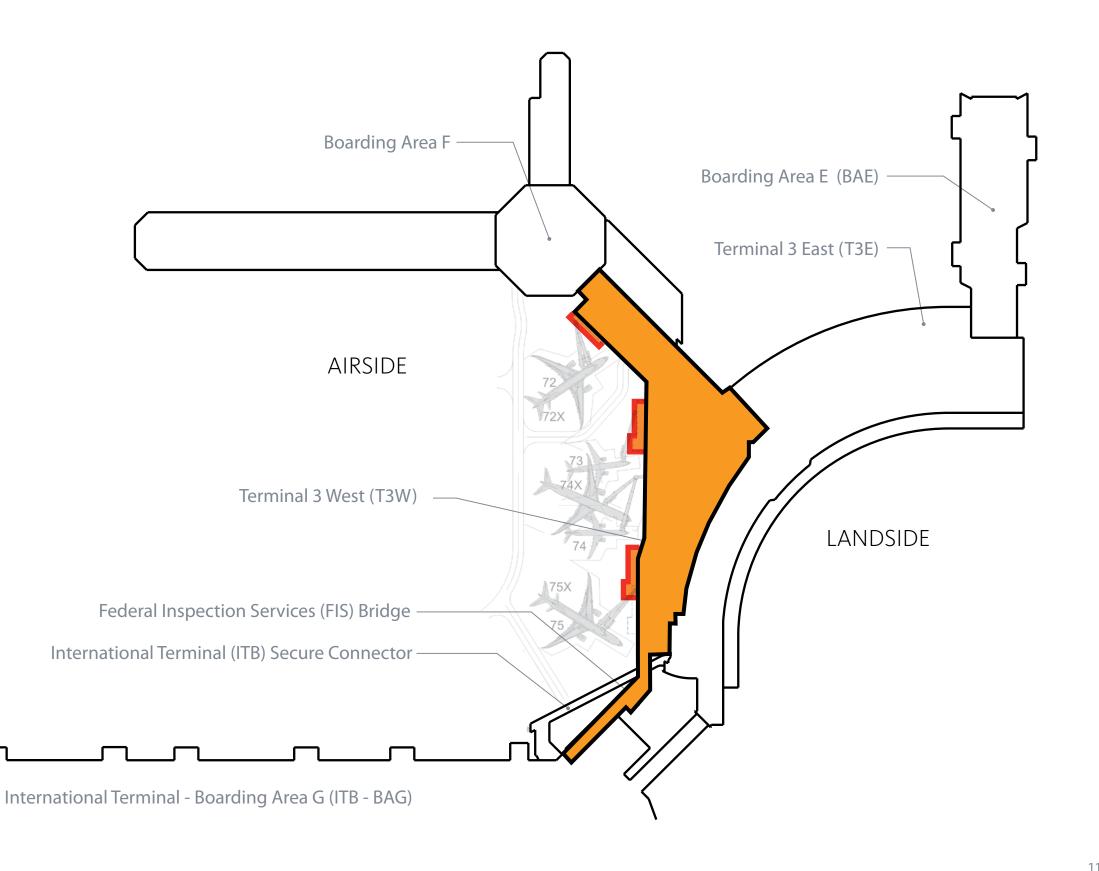


T3 WEST GATE TABULATION

	NARROW	WIDE
EXISTING GATES	5	0
PROPOSED GATES	4	3

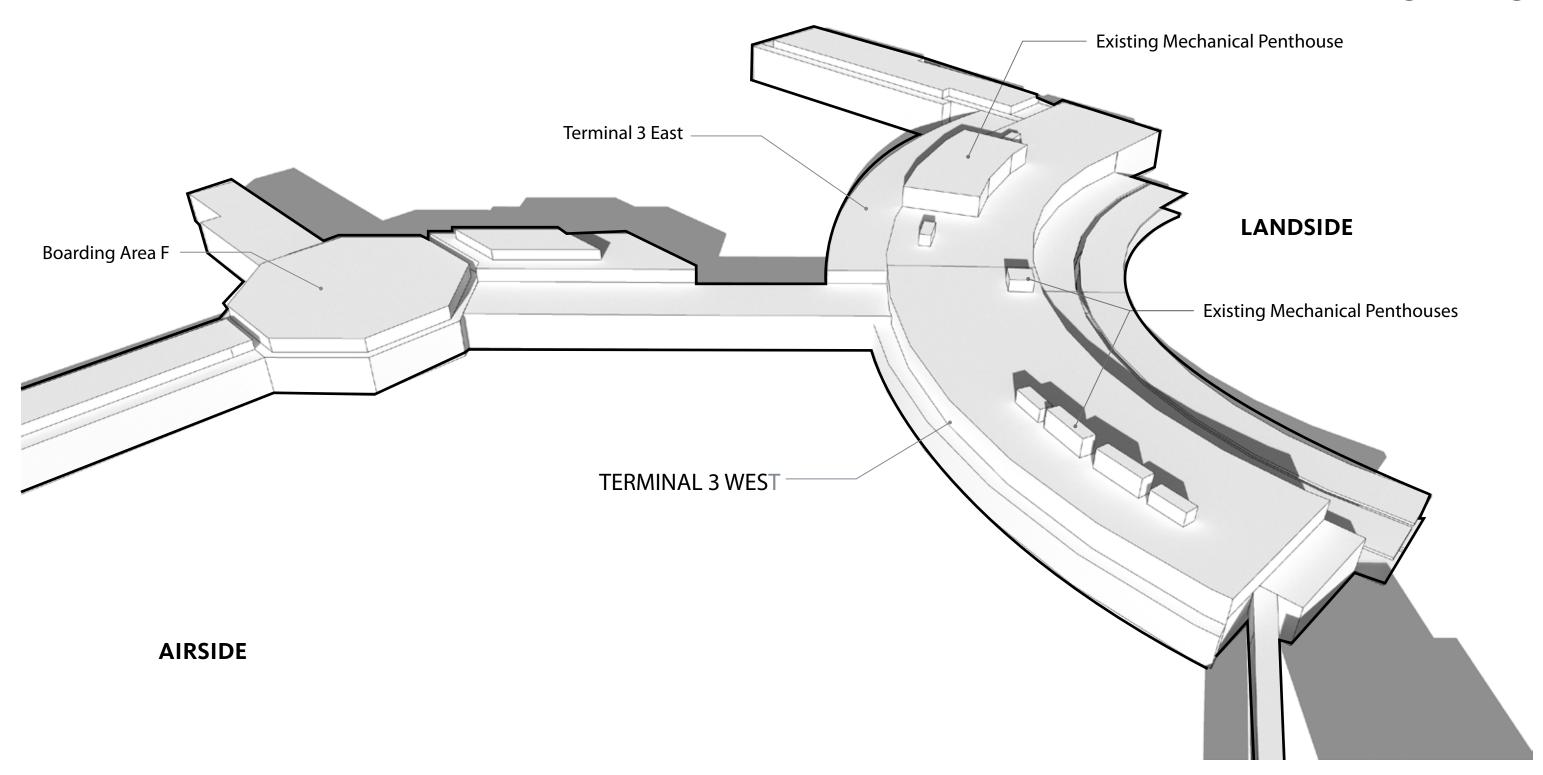
NEW GATEHOUSES

NEW SCOPE AREA



TERMINAL 3 WEST | EXTERIOR EXPRESSION

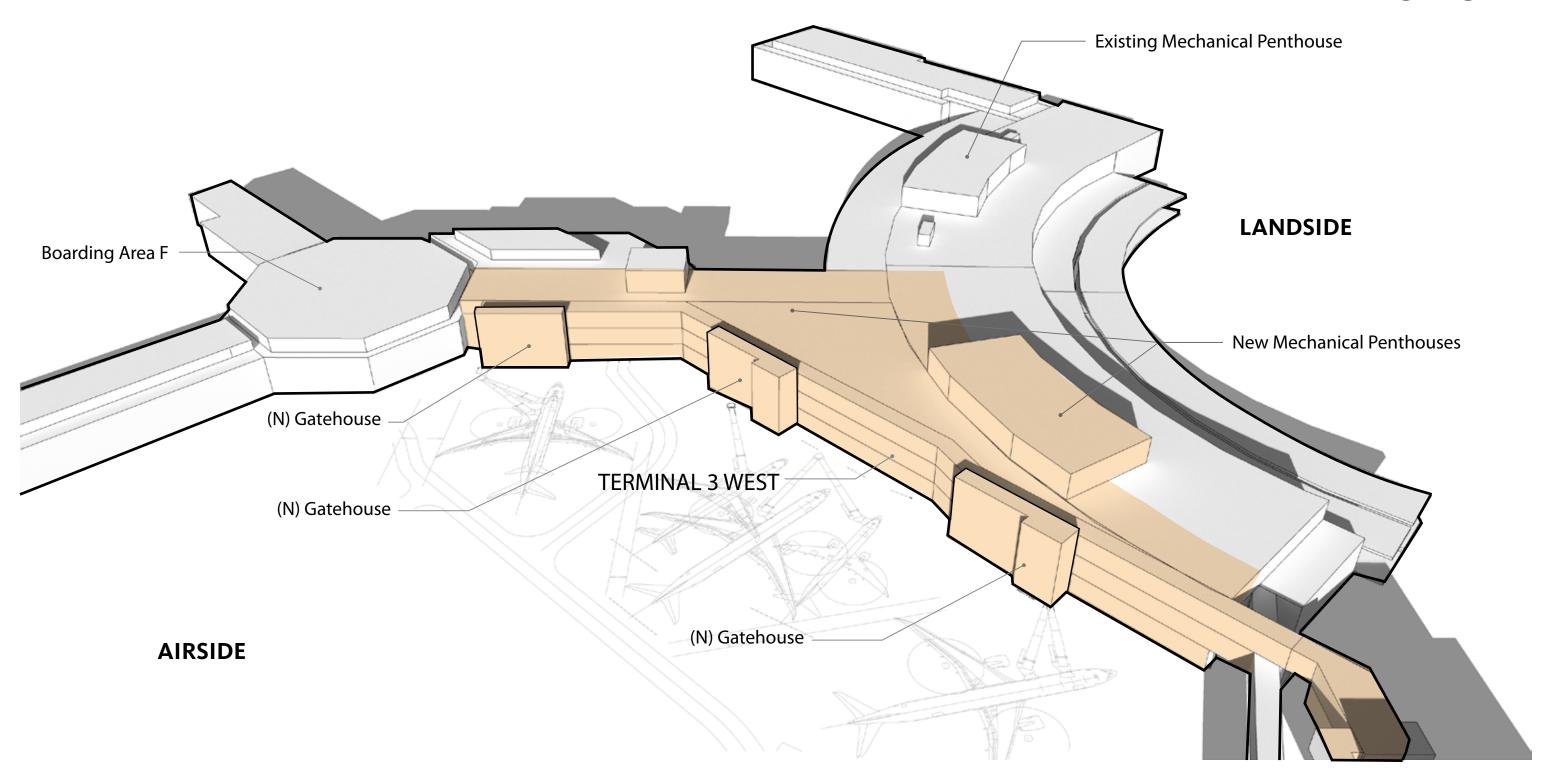
Existing Massing



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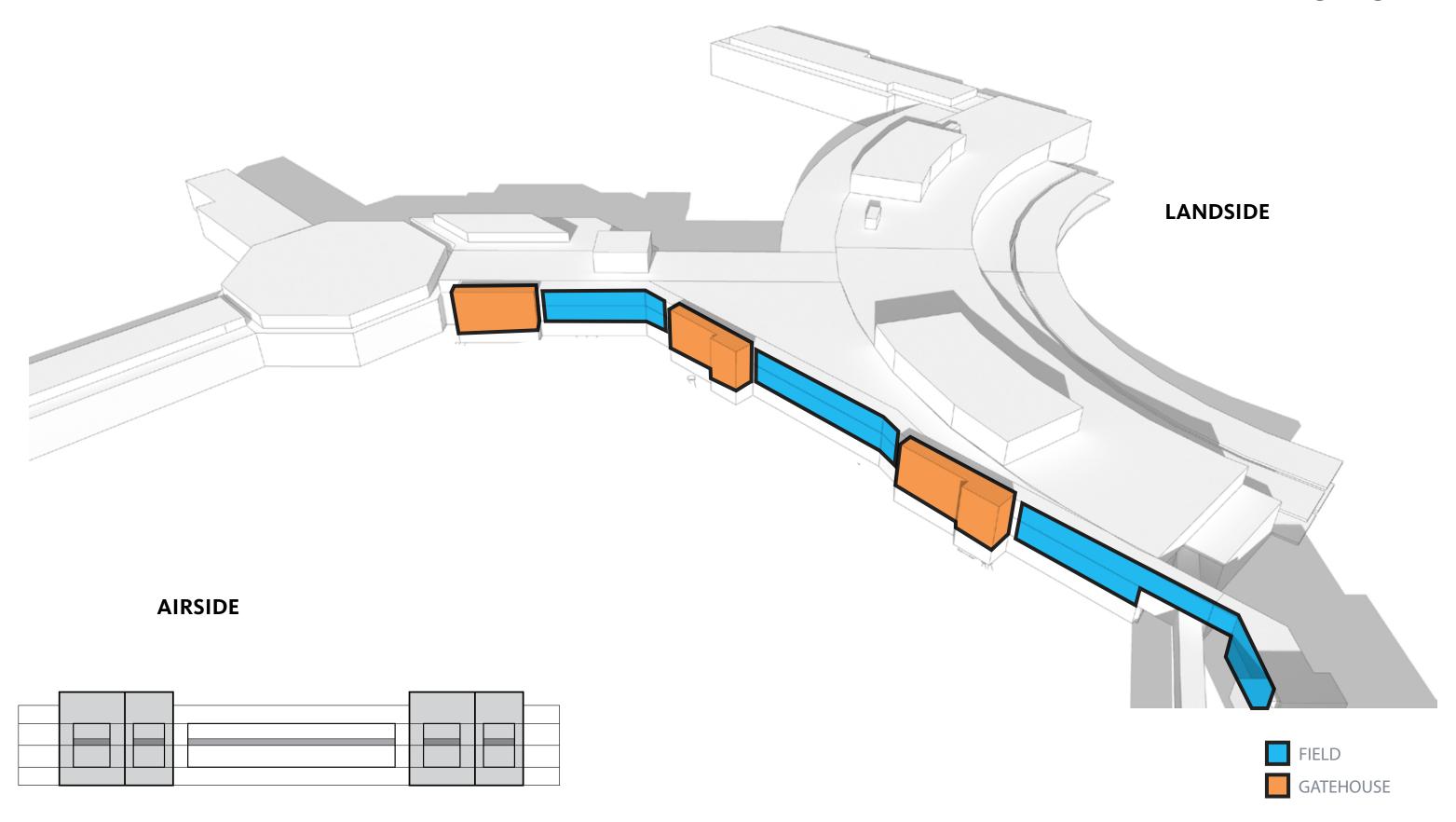
TERMINAL 3 WEST | EXTERIOR EXPRESSION

Massing Diagram

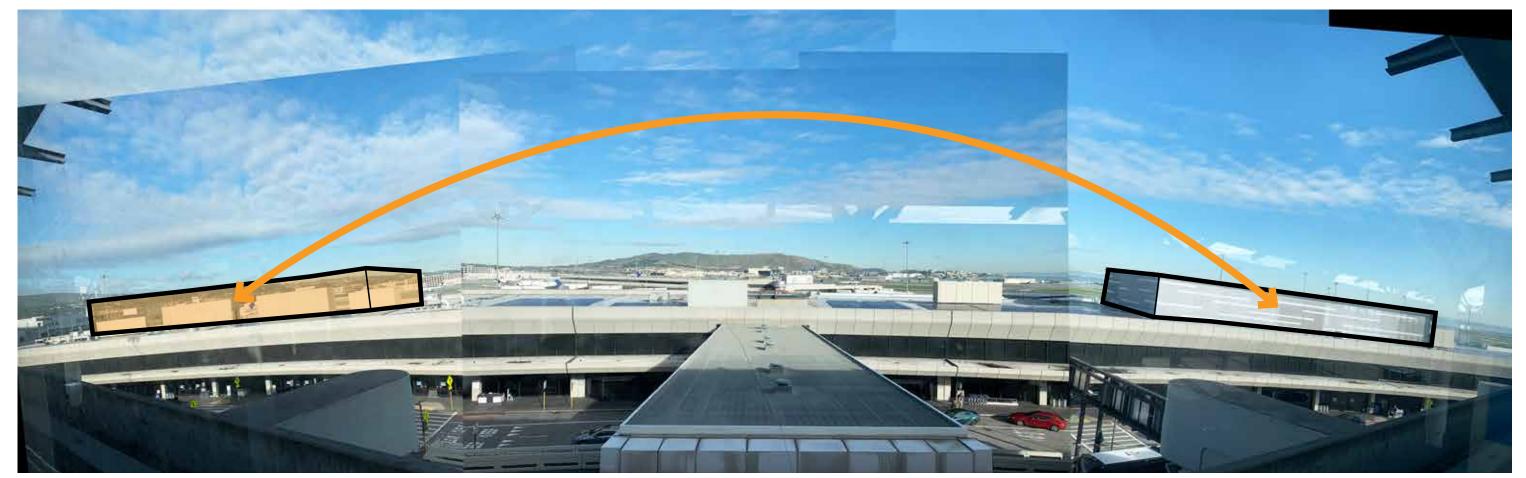


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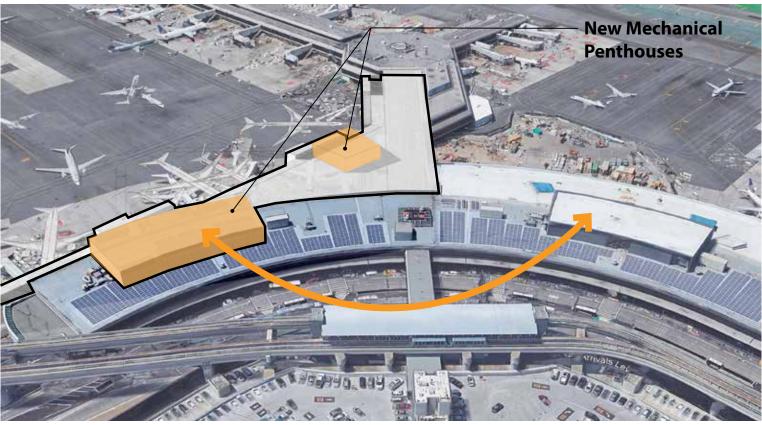
TERMINAL 3 WEST | EXTERIOR EXPRESSION Cladding Diagram



Mechanical Penthouse



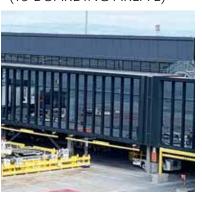




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Terminal 3 West | Design Cues Taking Cues From The Adjacent Context

DARK METAL PANEL (T3 BOARDING AREA E)



ELECTROCHROMIC GLASS — (TERMINAL 1)



METAL BROW SURROUND (TERMINAL 3 EAST)



LIGHT METAL PANEL — (TERMINAL 3 EAST)



VERTICAL MULLIONS (T3 BOARDING AREA

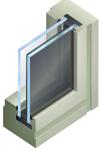


CORRUGATED / PERFORATED METAL PENTHOUSE (TERMINAL 3 EAST)





CIVIC DESIGN REVIEW - CONSTRUCTION DOCUMENTS - PHASE 3



ELECTROCHROMIC GLASS



2 METAL PANEL (LIGHT GRAY)



3 METAL PANEL (DARK GRAY METALLIC)



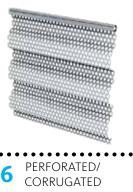
4 ALUMINUM VERTICAL MULLION FIN

(DARK GRAY METALLIC)



5 ALUMINUM WINDOW WALL

(DARK GRAY METALLIC)



METAL PANEL

(LIGHT GRAY)

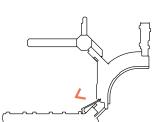


CORRUGATED METAL PANEL ACCENT (LIGHT GRAY)

Terminal 3 West | Exterior Proposed Design

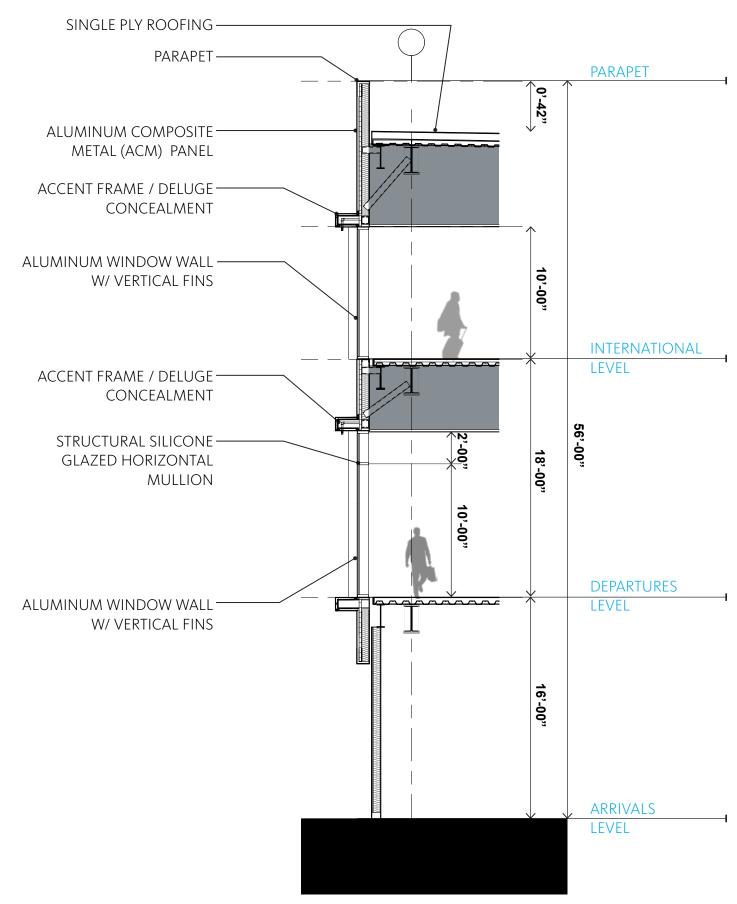


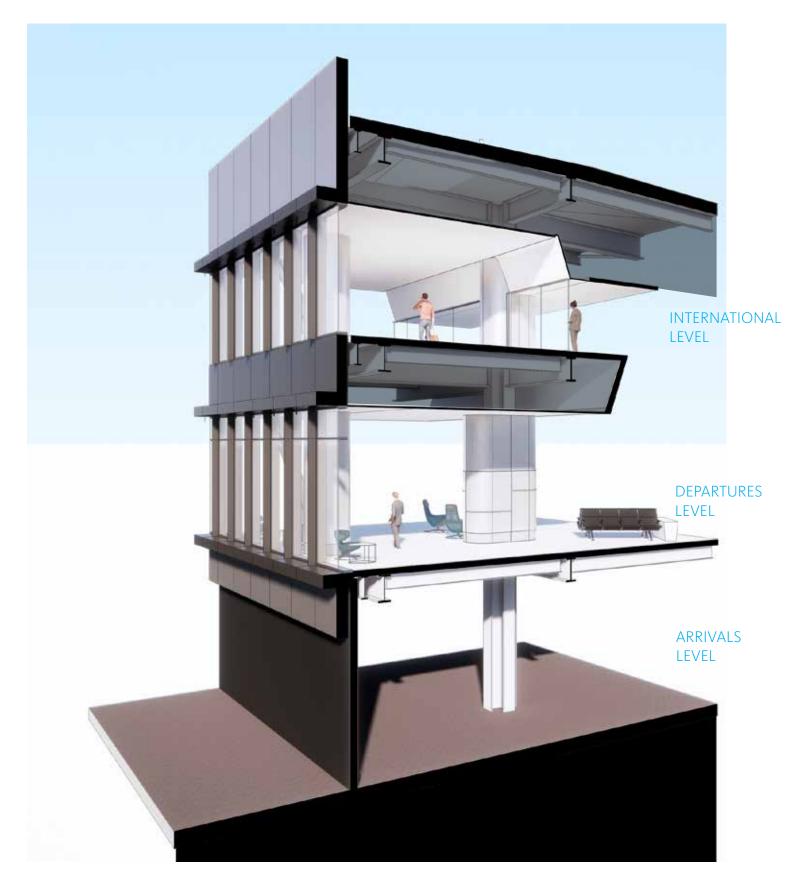
8 METAL PANEL (BLACK)



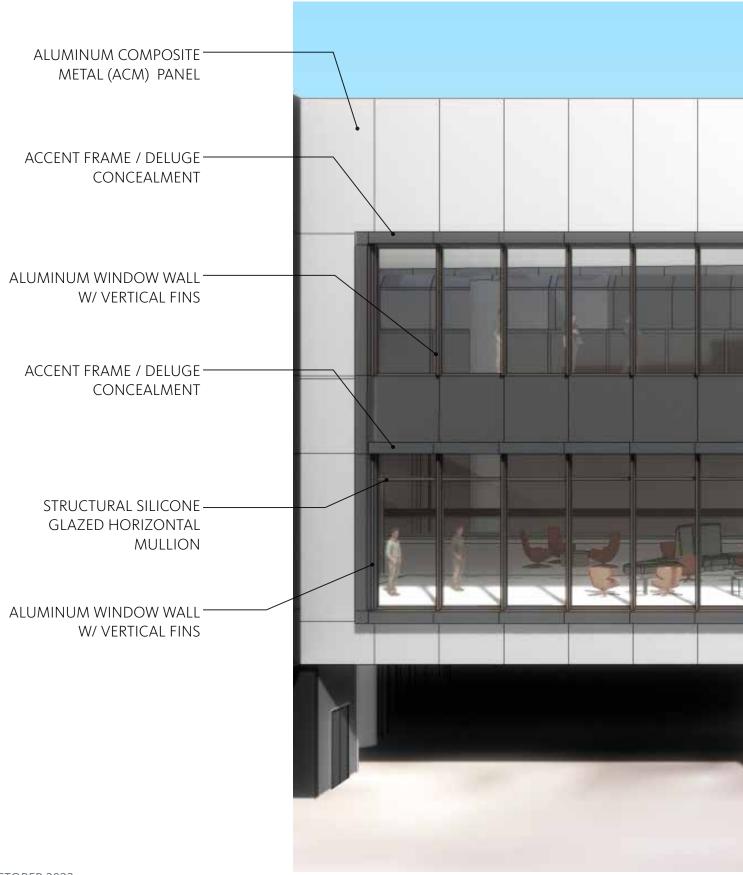


Terminal 3 West | Exterior "Field" Facade Wall Sections





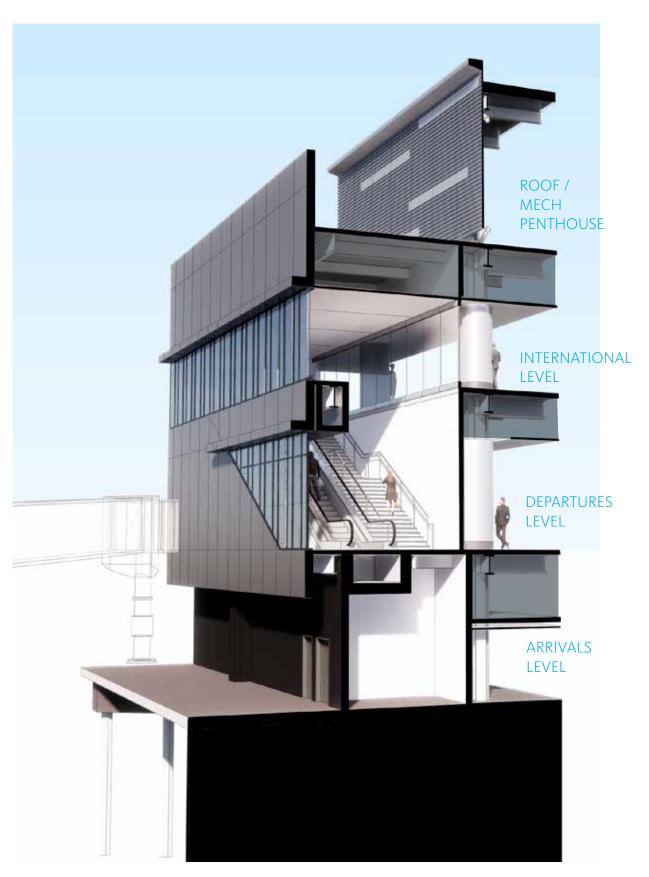
Terminal 3 West | Exterior "Field" Facade Wall Sections





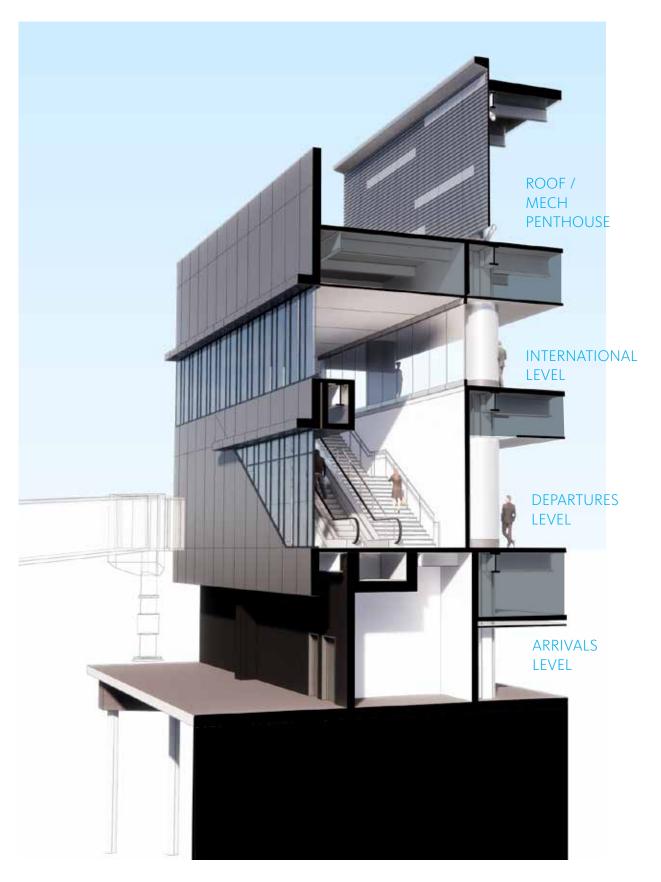
SINGLE PLY ROOFING PARAPET PARAPET **ALUMINUM COMPOSITE** METAL (ACM) PANEL ACCENT FRAME / DELUGE CONCEALMENT ALUMINUM WINDOW WALL METAL PANEL BEAM **ENCLOSURE** INTERNATIONAL ACCENT FRAME / DELUGE-CONCEALMENT 59'-07" STRUCTURAL SILICONE GLAZED HORIZONTAL MULLION DEPARTURES LEVEL ESCALATOR / STAIR ARRIVALS LEVEL

Terminal 3 West | Exterior "Gatehouse" Facade Wall Sections

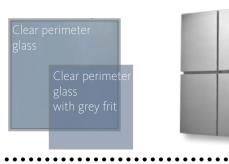


PERFORATED METAL -MECHANICAL PENTHOUSE PARAPET ACCENT FRAME / DELUGE: CONCEALMENT ALUMINUM WINDOW WALL -ACCENT FRAME / DELUGE: CONCEALMENT ALUMINUM COMPOSITE METAL (ACM) PANEL STRUCTURAL SILICONE-GLAZED HORIZONTAL MULLION ESCALATOR / STAIR

Terminal 3 West | Exterior "Gatehouse" Facade Wall Sections



Terminal 3 West | Exterior East Facade Airfield View



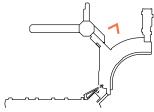




CLEAR GLASS WITH 40 PERCENT FRIT 2 METAL PANEL (LIGHT GRAY)

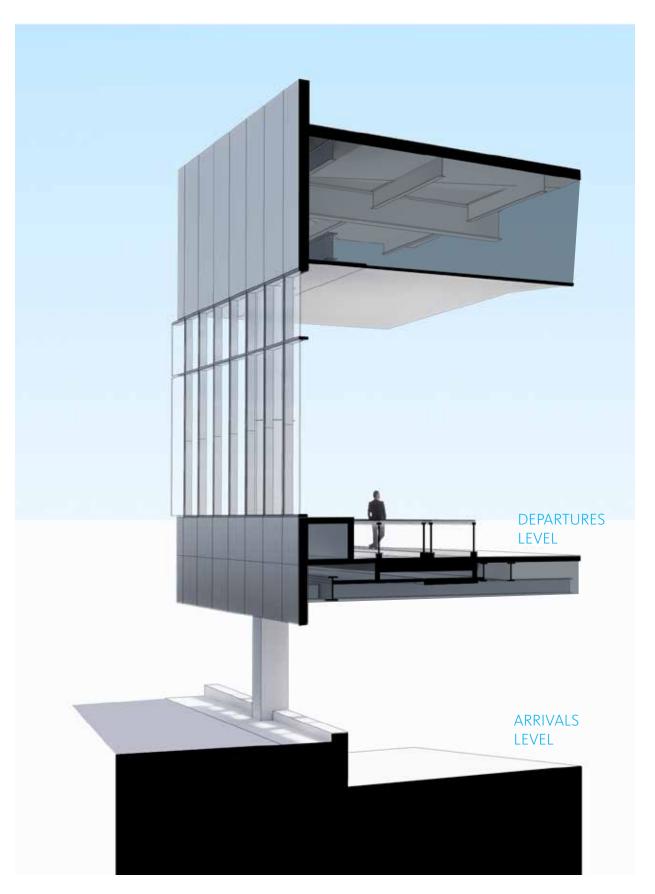
5 ALUMINUM WINDOW WALL (DARK GRAY METALLIC)





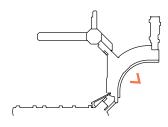
Terminal 3 West | Exterior East Facade Wall Sections



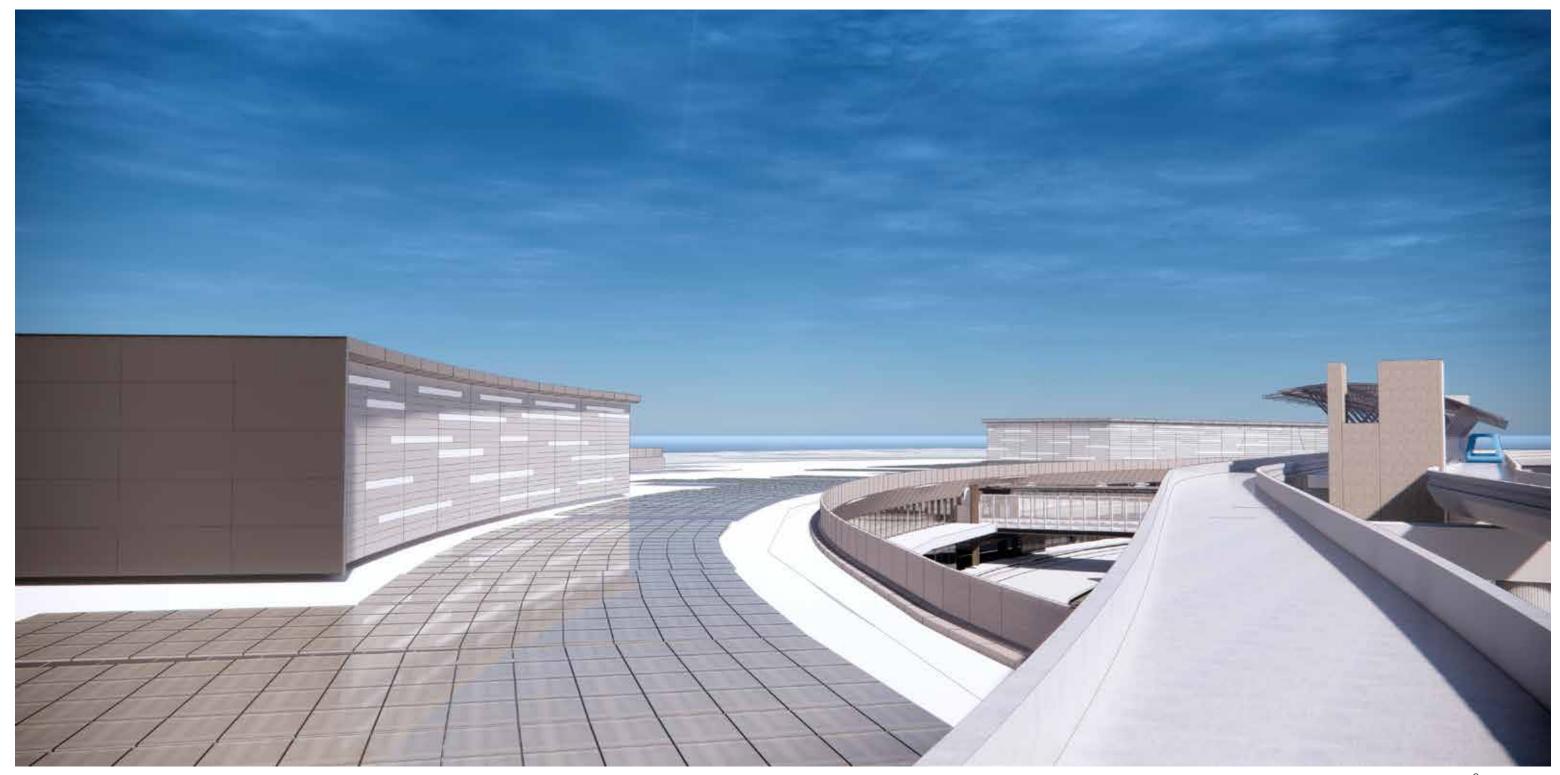


Terminal 3 West | Exterior Landside Exterior View





Terminal 3 West | Exterior View from Airtrain

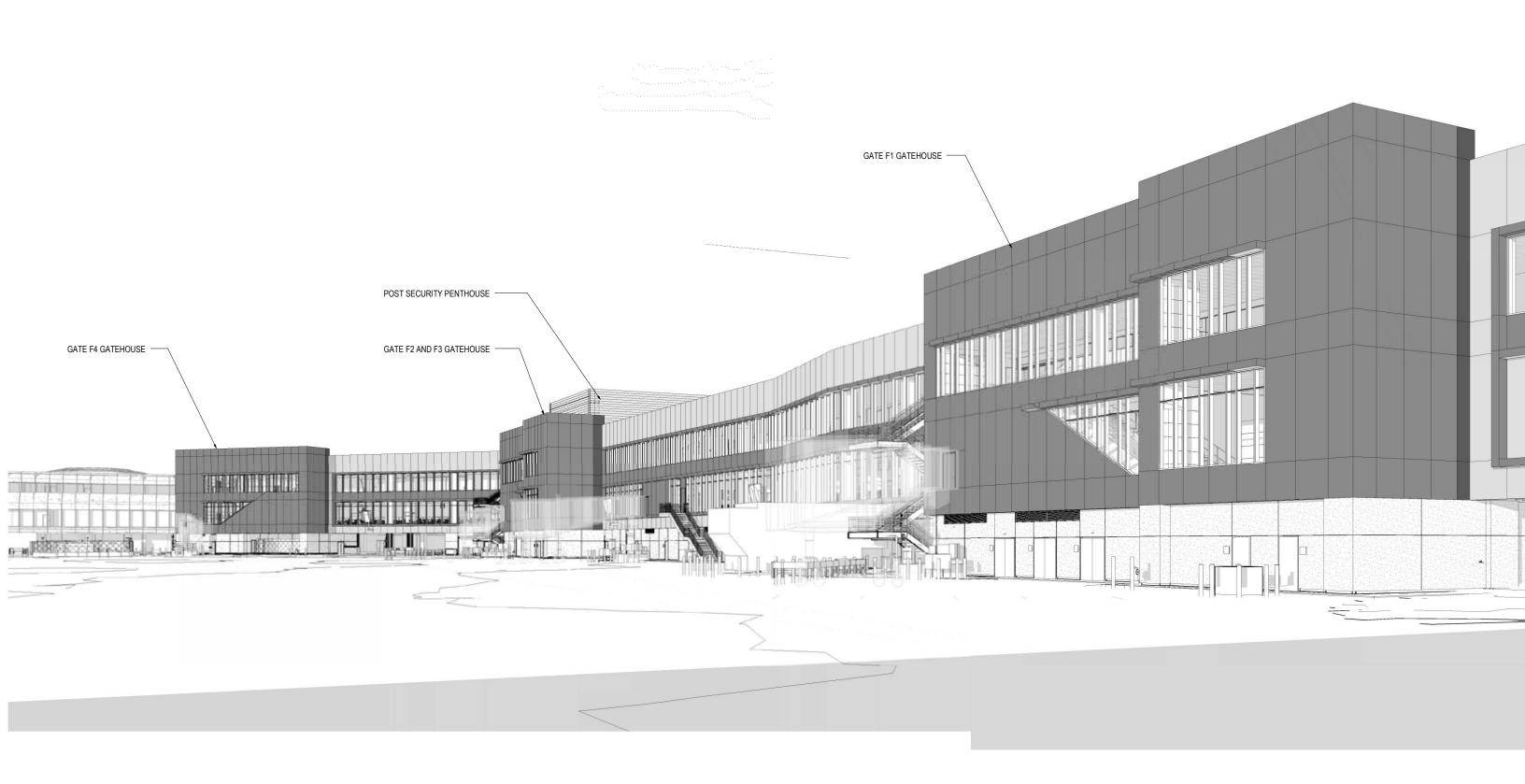




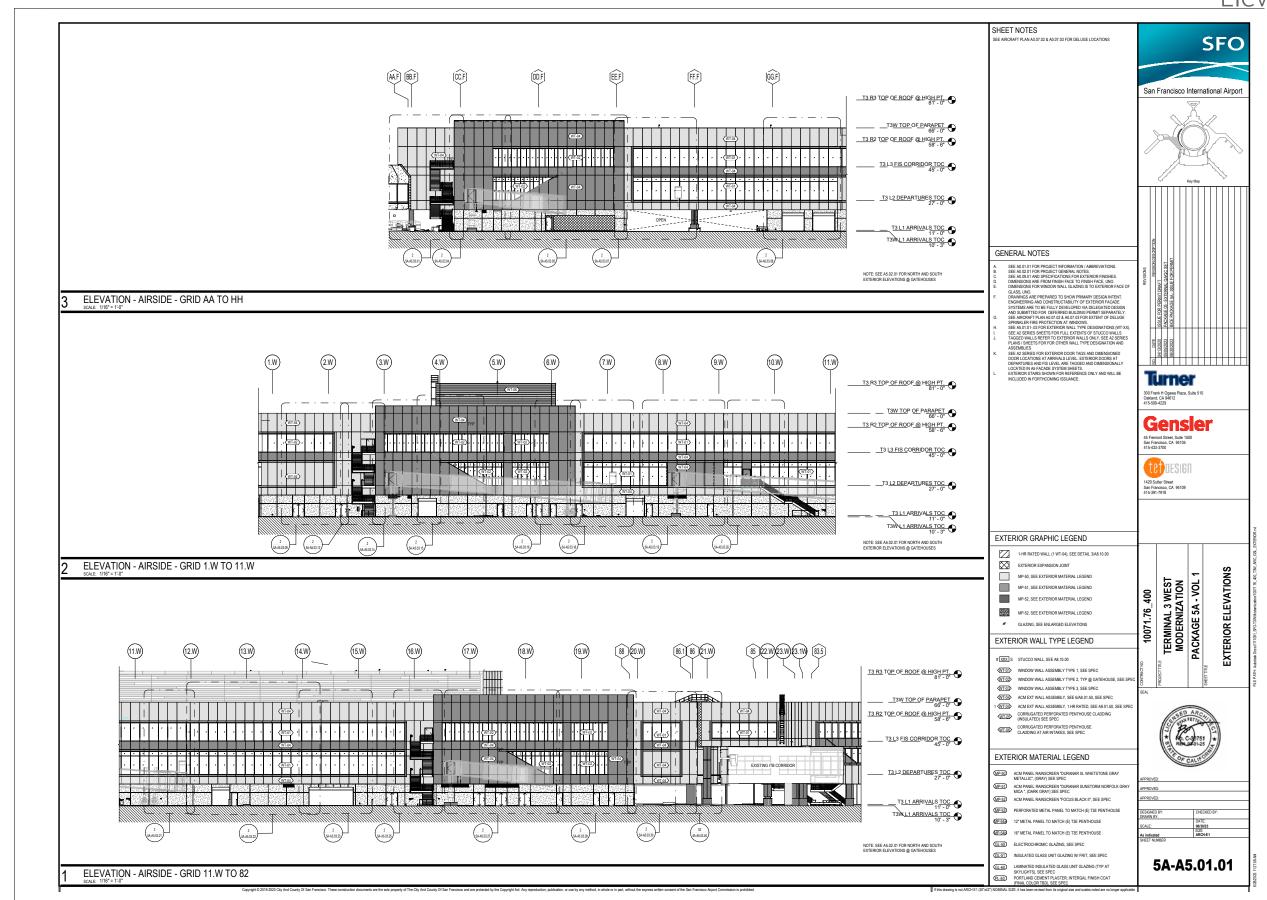
Terminal 3 West | Exterior Airfield View



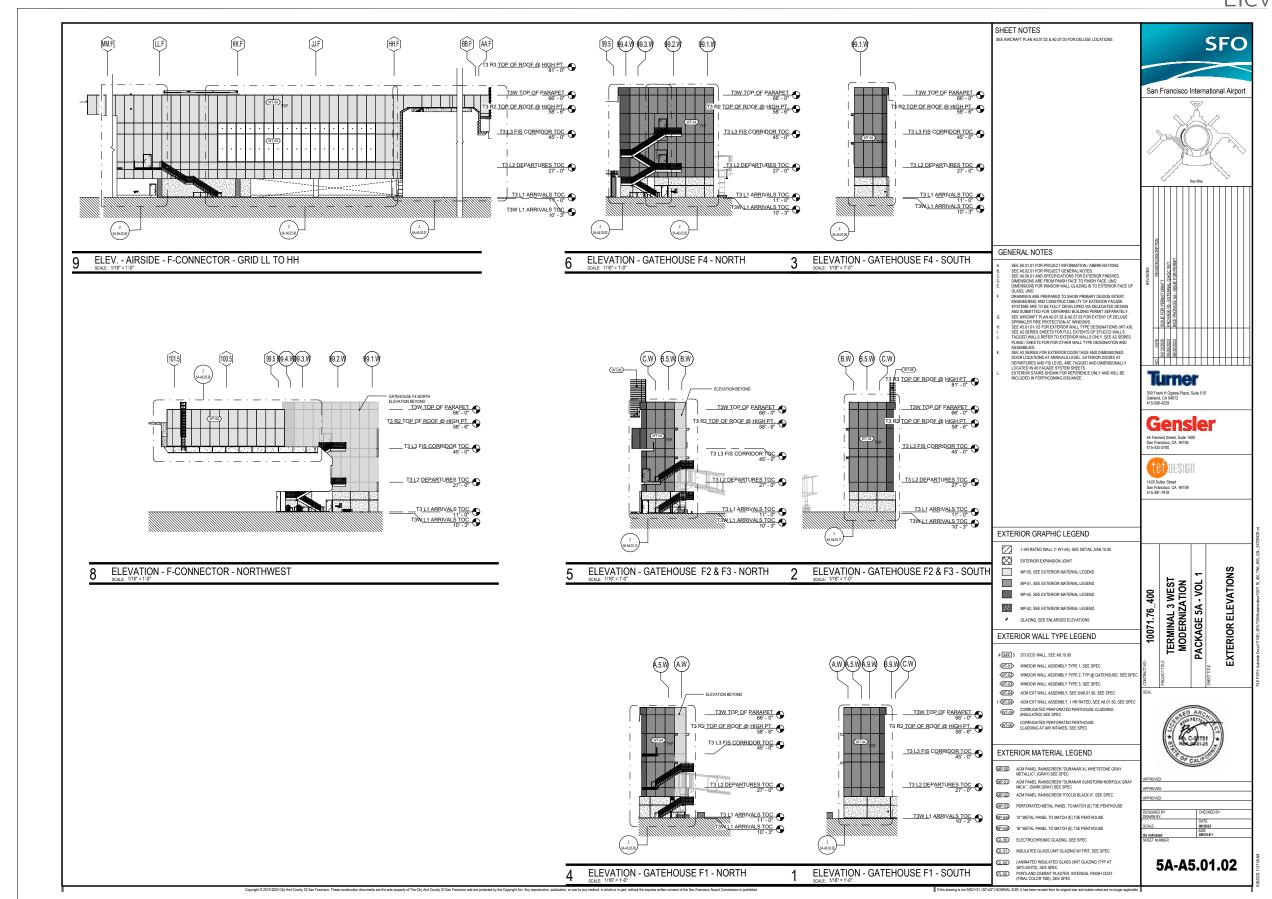
95% Construction Documents Revit Render Airfield View



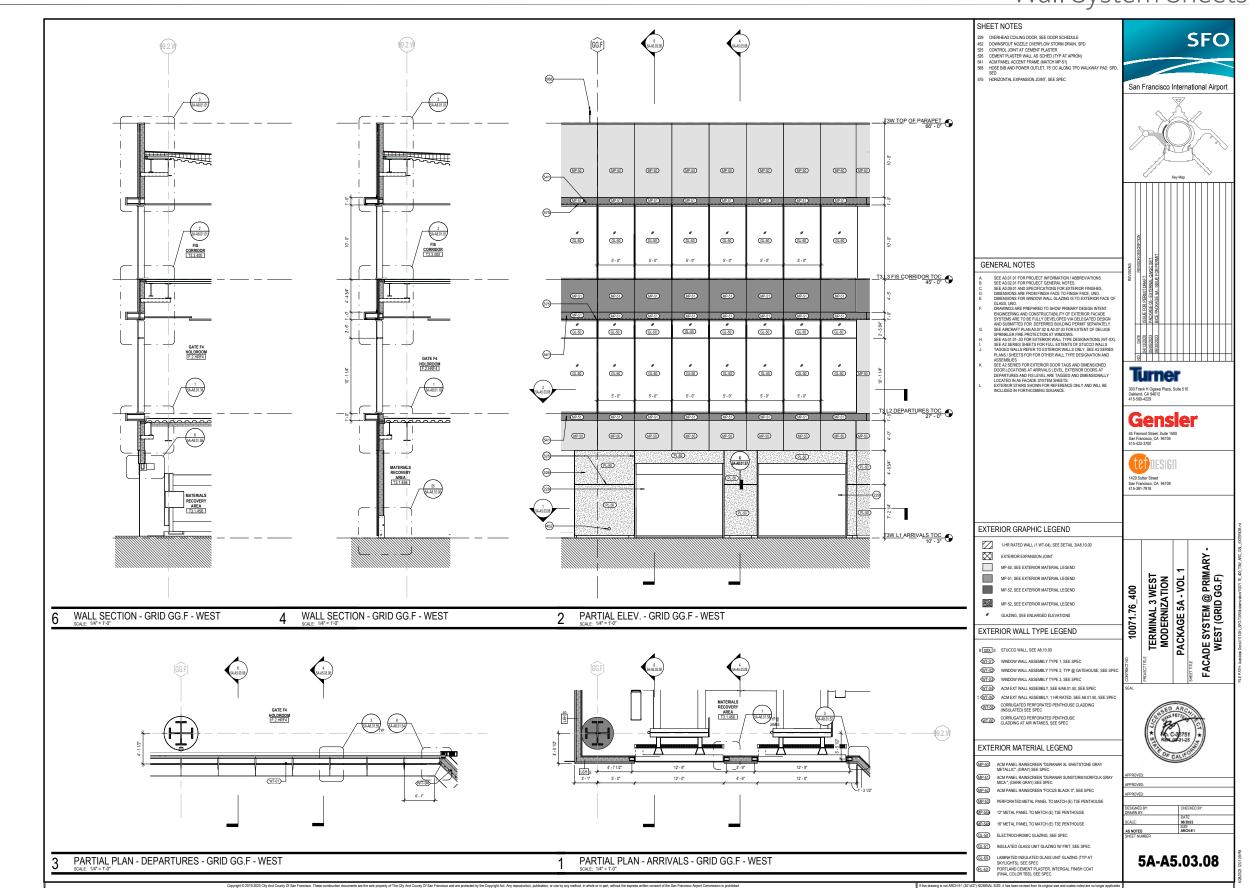
95% Construction Documents Relevant Sheets Elevations



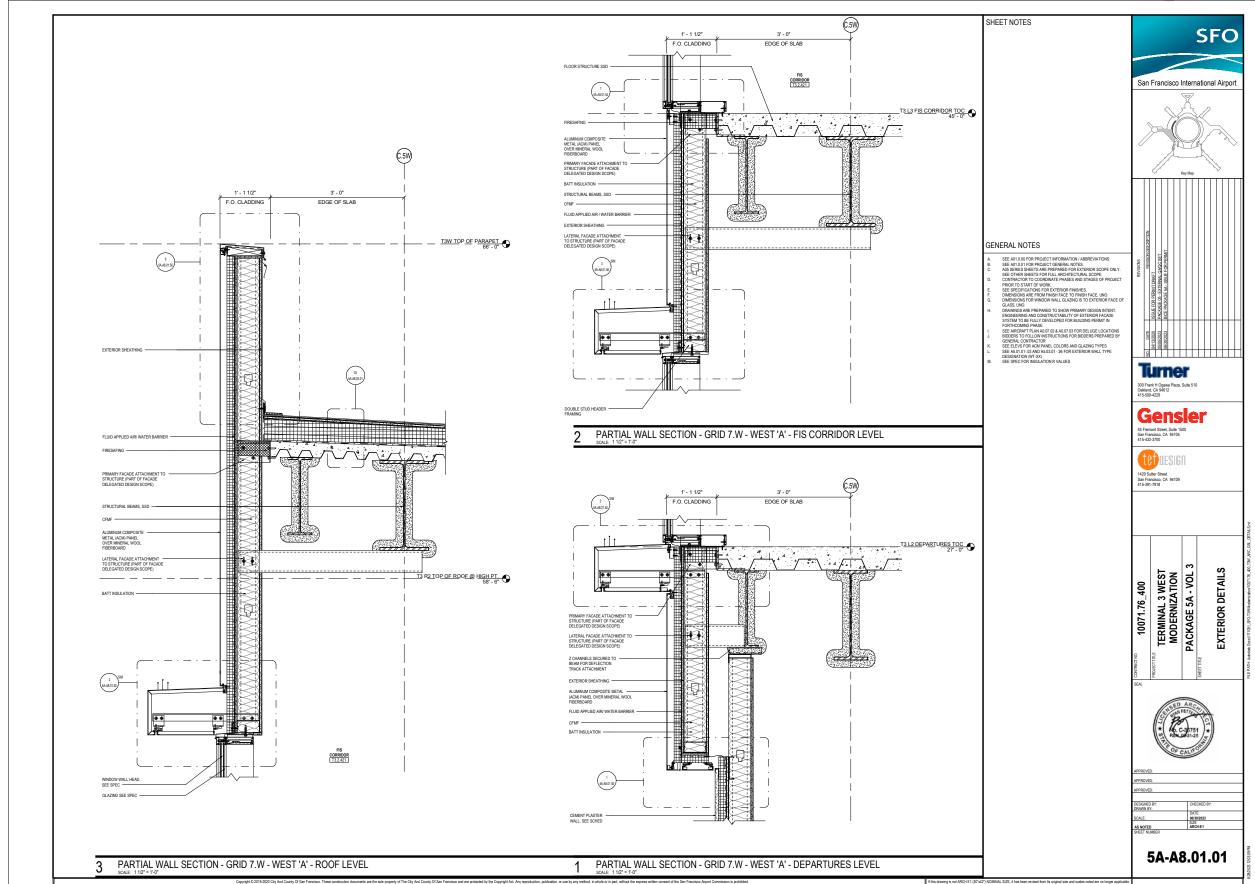
95% Construction Documents Relevant Sheets Elevations



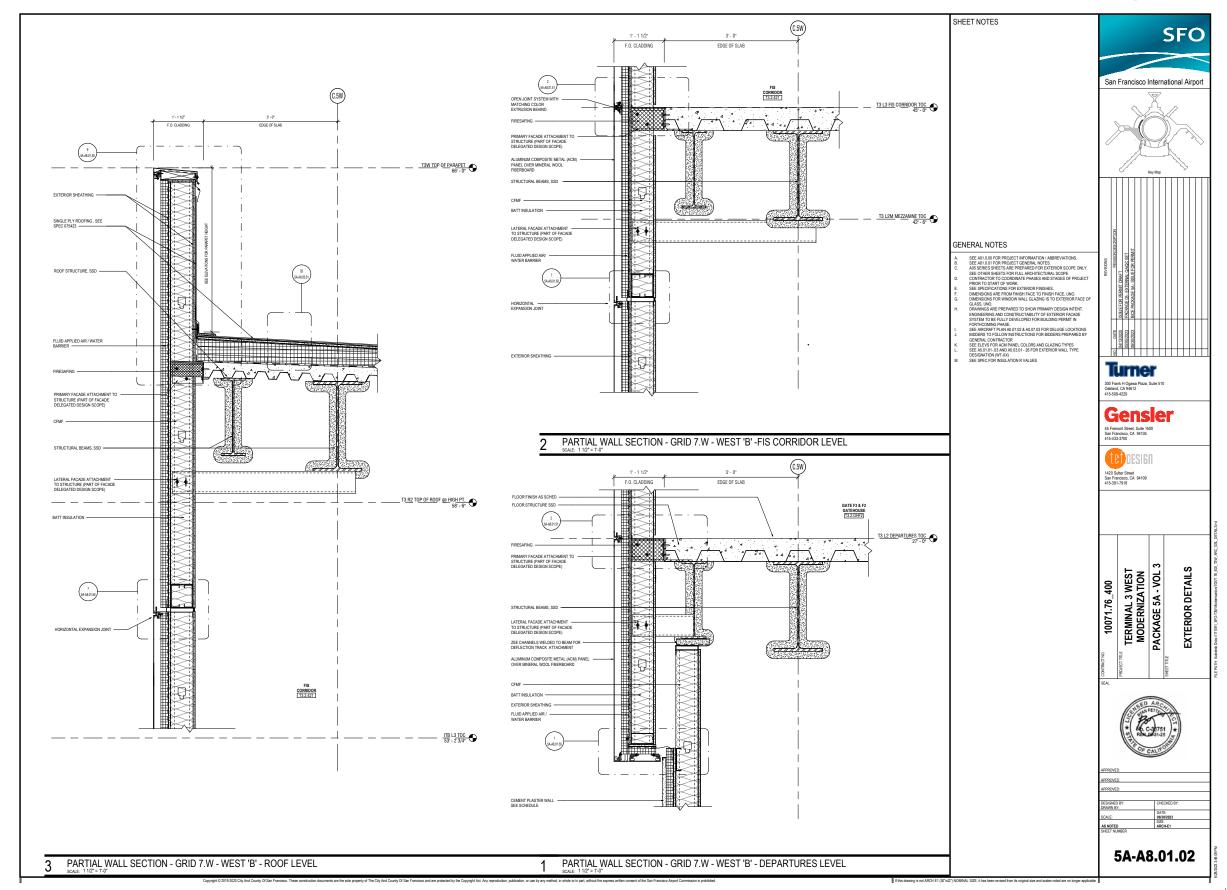
95% Construction Documents Relevant Sheets Wall System Sheets - Field



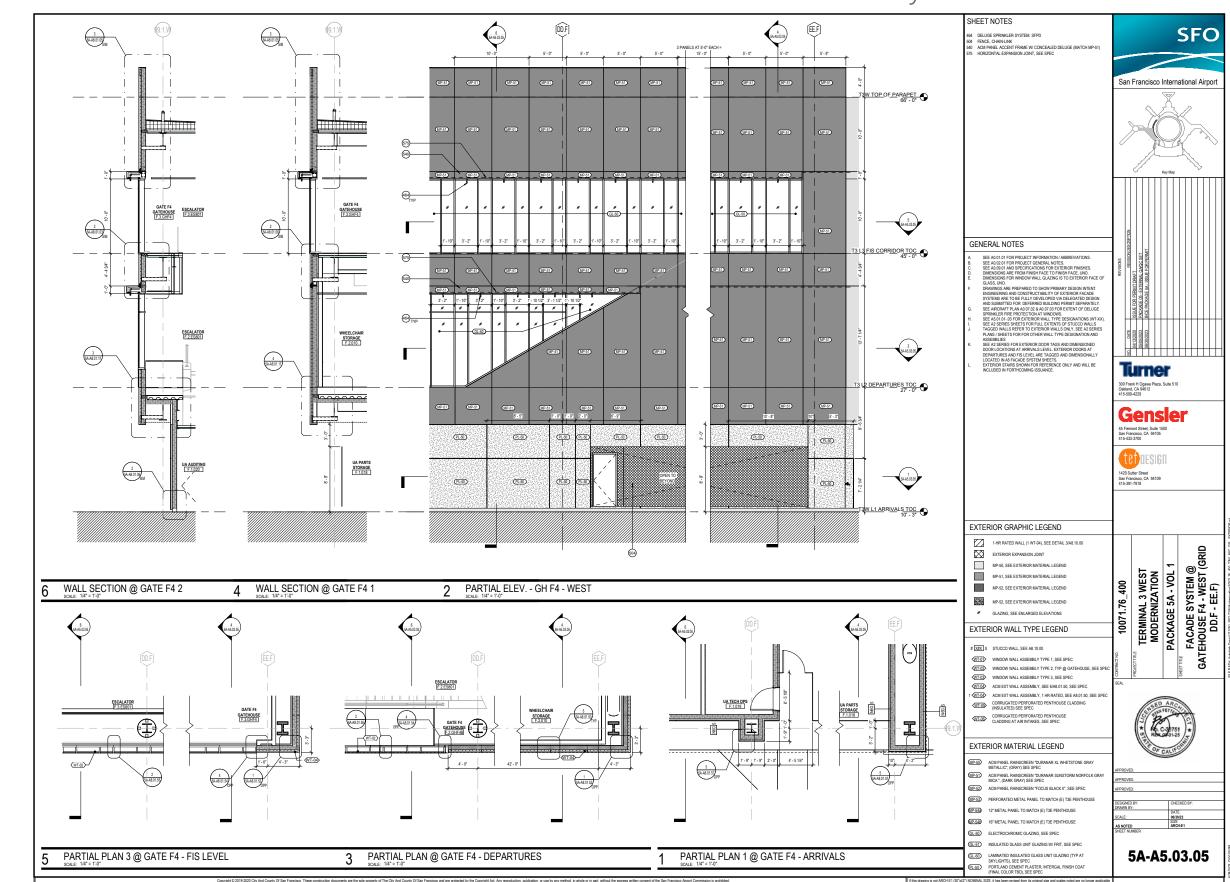
Details @ Field Facade



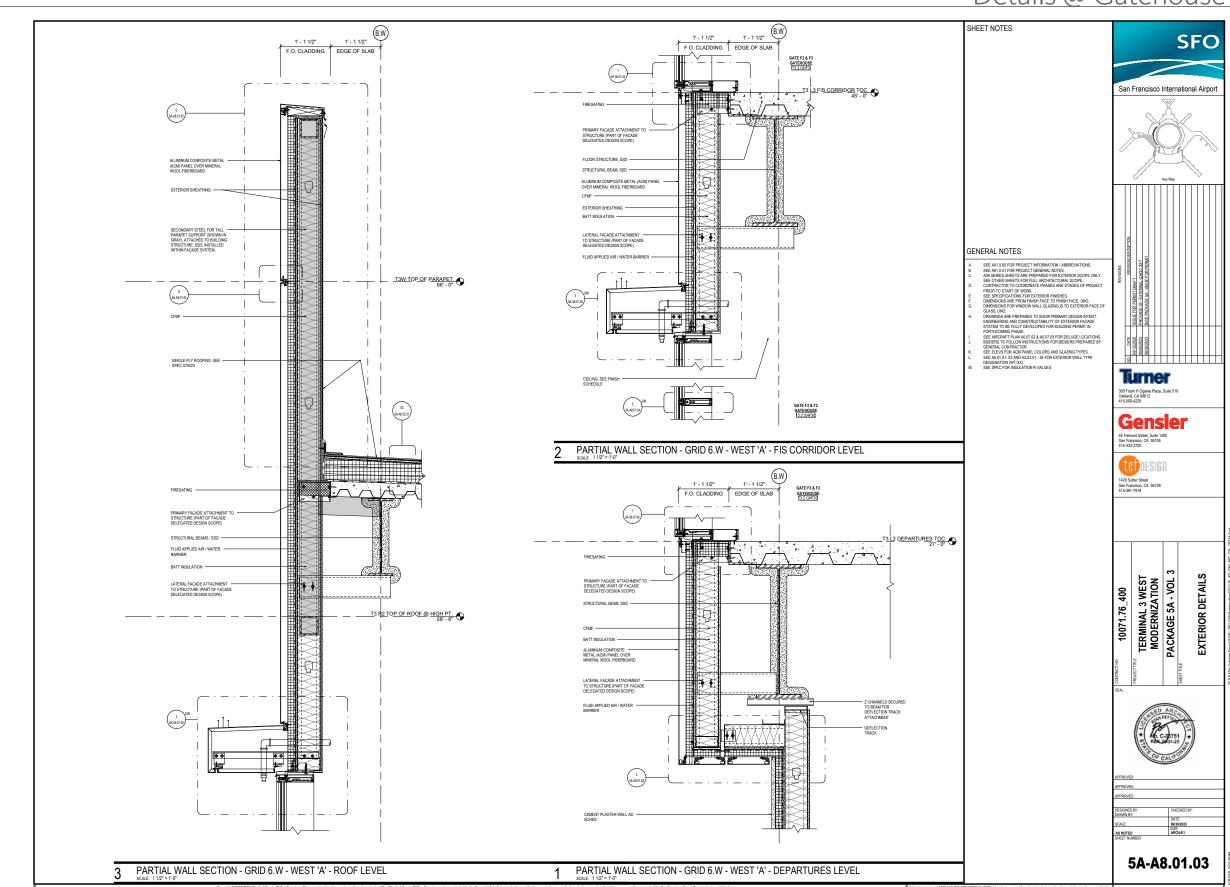
Details @ Field Facade



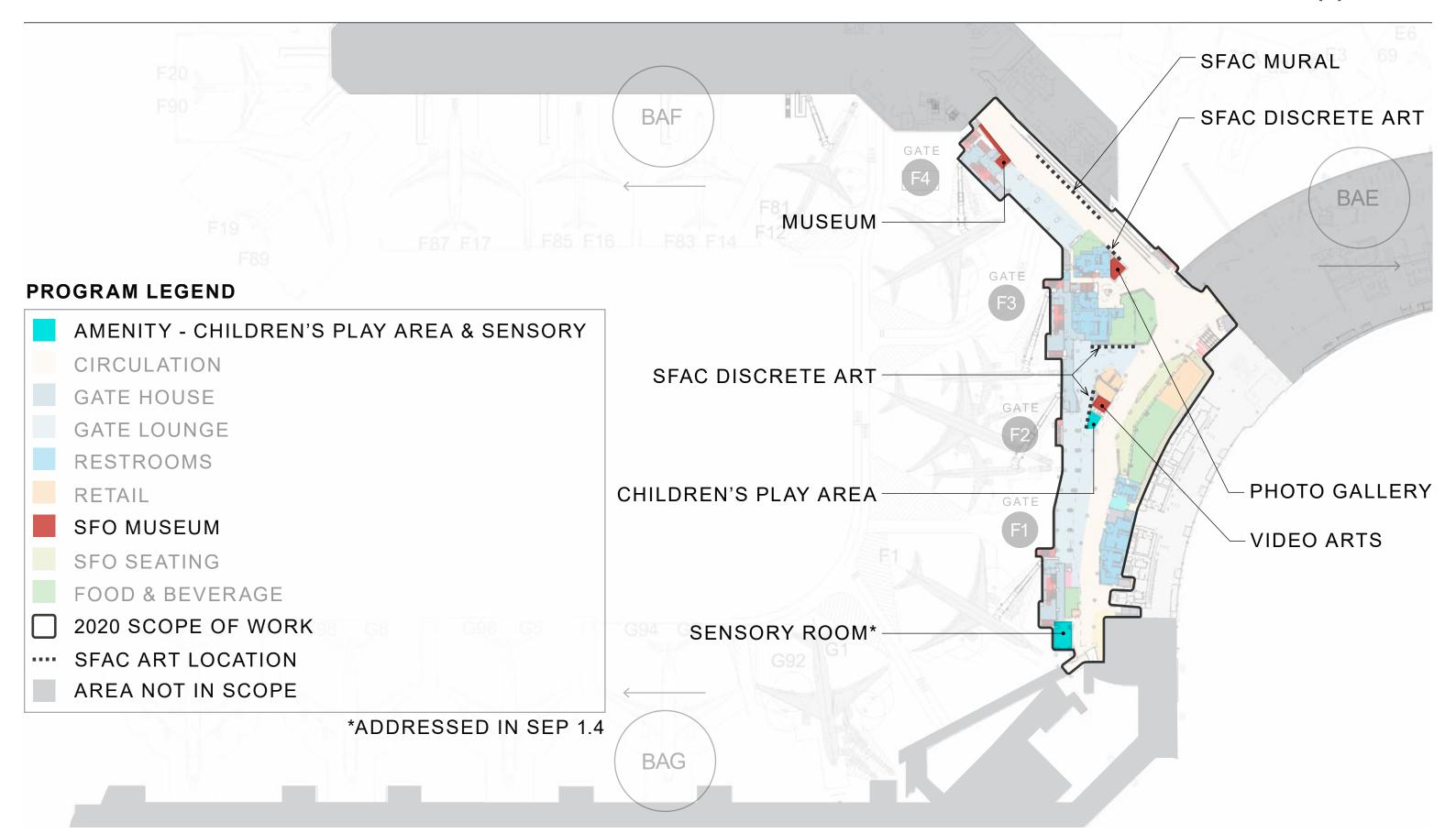
Wall System Sheets - Gatehouse Facade



Details @ Gatehouse Facade



Art Enrichment Approach



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THANK YOU





GLASS





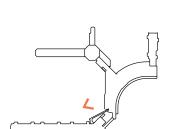












(LIGHT GRAY)

3 METAL PANEL (DARK GRAY METALLIC)

ALUMINUM VERTICAL 4 ALUMING... MULLION FIN (DARK GRAY METALLIC)

ALUMINUM WINDOW WALL (DARK GRAY METALLIC)

PERFORATED/ CORRUGATED METAL PANEL (LIGHT GRAY)

CORRUGATED METAL PANEL ACCENT (LIGHT GRAY)

8 METAL PANEL (BLACK)



06T0BER 2023



VERTICAL CURTAINWALL STUDY

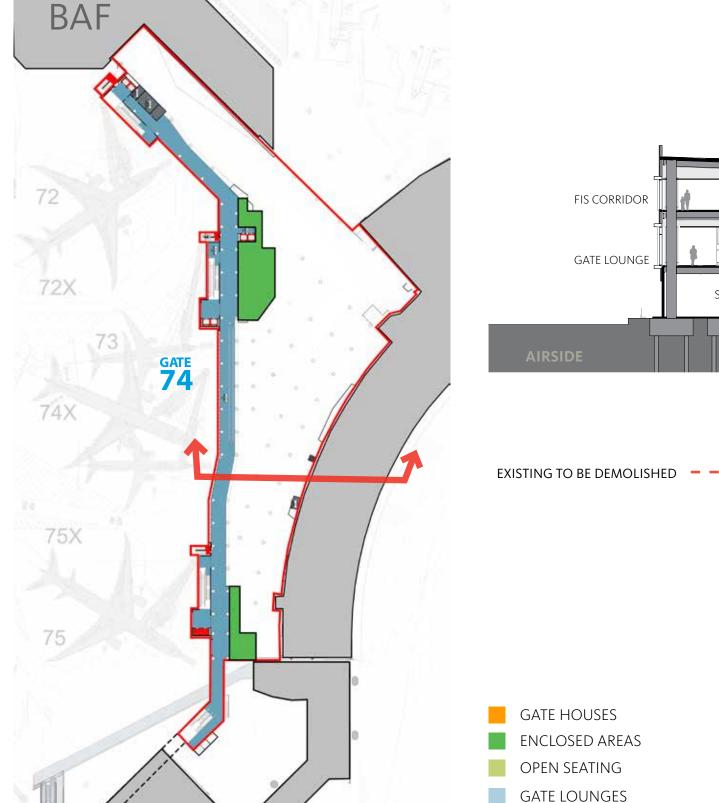
CDRC PHASE 2 COMMENTS:

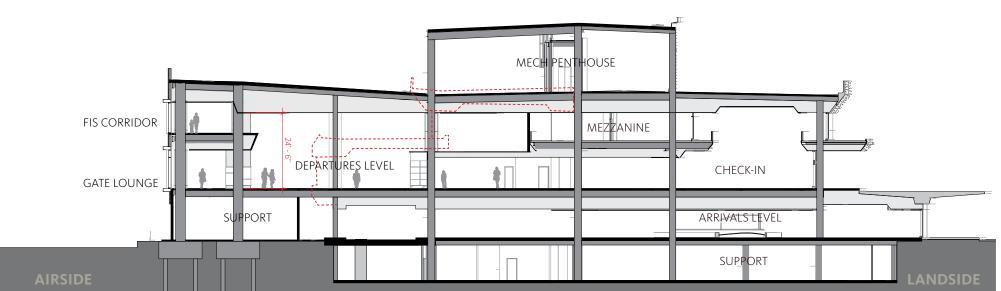
- 1: Consider a vertical curtainwall expression at gatehouses
 - difficult to achieve with required deluge
 - no additional benefit to passenger experience
 - considerable cost implications / change of building cladding system



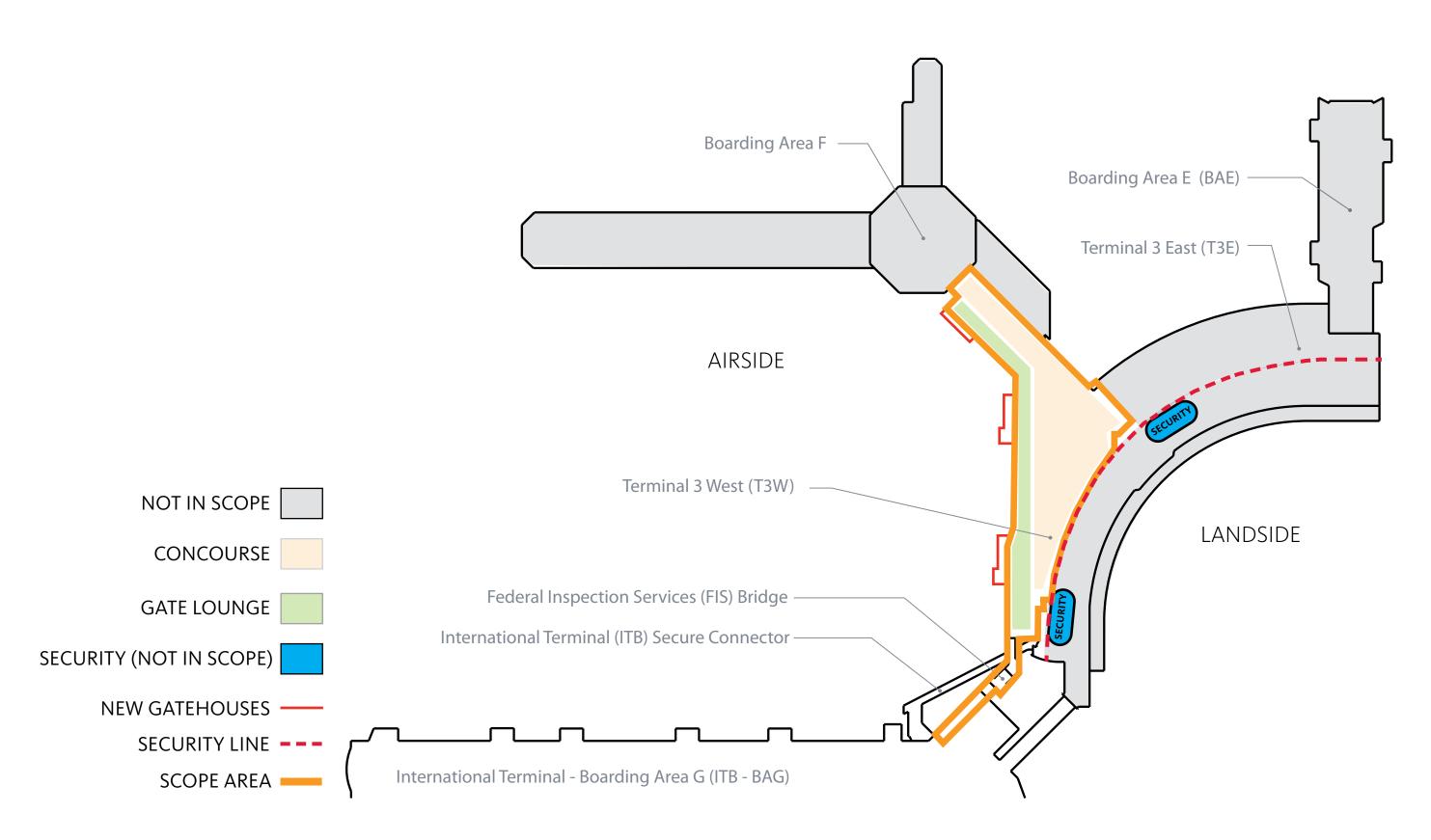
FIS LEVEL

Terminal 3 West | FIS/Mezzanine Level Plans & Sections



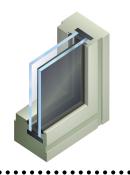


CIRCULATION NOT IN SCOPE



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Terminal 3 West | Design Cues Materials

















1 ELECTROCHROMIC 2

2 METAL PANEL (LIGHT GRAY)

3 METAL PANEL (DARK GRAY METALLIC)

4 ALUMINUM VERTICAL MULLION FIN (DARK GRAY METALLIC)

5 ALUMINUM WINDOW WALL (DARK GRAY METALLIC)

6 PERFORATED/
CORRUGATED
METAL PANEL
(LIGHT GRAY)

WIDE PROFILE
CORRUGATED METAL
PANEL ACCENT
(LIGHT GRAY)

8 METAL PANEL (BLACK)



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