

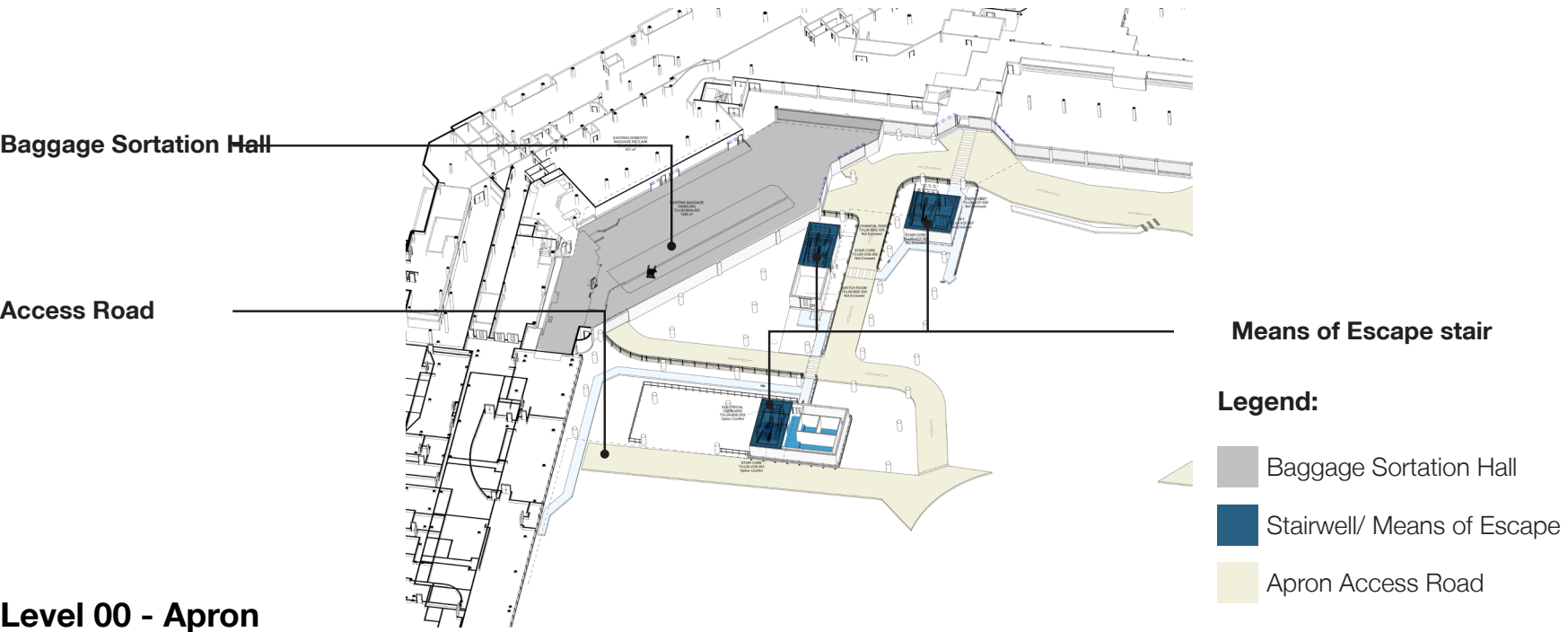
5 Building Layout



5.1 Building Layout - Operational Planning



Level 20



Level 00 - Apron

Description of Proposal

The new Manchester T3 Security Search Area re-provision addresses the need to satisfy the new Department for Transport (DfT) regulations to incorporate Computed Tomography (CT) and body scanning technologies across all passenger control points by June 1st 2024.

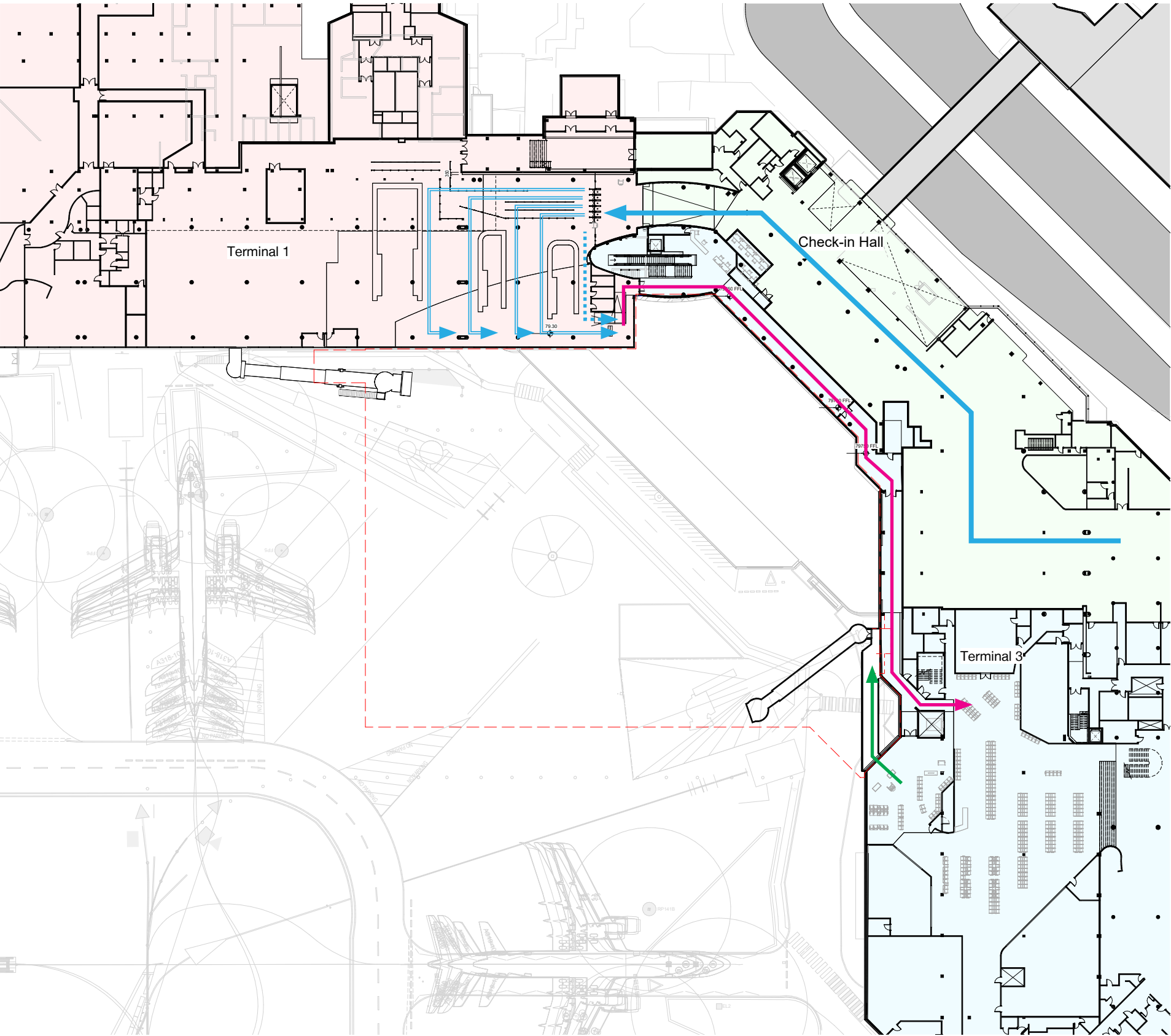
The existing building infrastructure of Manchester Terminals 1 and 3 are an integral part of the scheme and the design and massing of the proposal is consistent with the surrounding facilities on the apron at Manchester Airport.

As the T3 Security Search Area re-provision is located on the apron and is fully airside, it is not visible from the landside areas of the airport.

The T3 Security Search Area re-provision creates a new link from the existing security search area, which itself is partially incorporated into the southern front of Terminal 1, to the existing departure lounge, taking account of the level differences between the existing facilities.

The upgrade incorporates support accommodation such as staff welfare areas, lockers, restrooms and operational areas as well as sufficient area for the new passenger processing facilities to remain compliant with regulations and delivering appropriate levels of passenger service standards.

5.2 Building Layout - Existing Passenger Flow



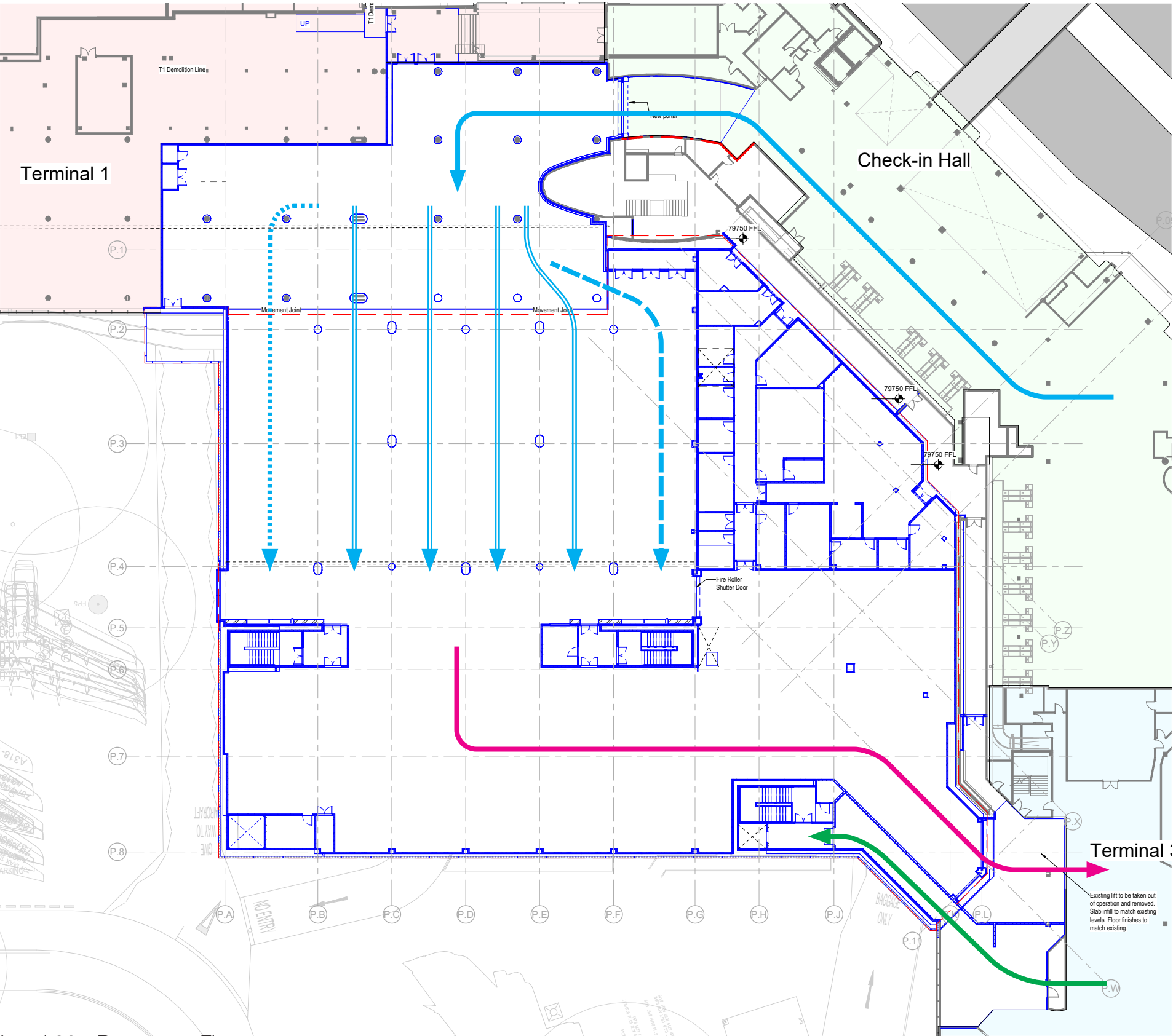
PASSENGER FLOWS - DEPARTURES

Terminal 3 departing passengers use the existing check-in hall. Passengers progress down a ramp through to the existing queueing area within part of what is the existing security search area in Terminal 1. Once processed, the passengers continue through a long narrow corridor to the departure lounges in Terminal 3.

LEGEND:

- Planning Application Boundary
- Passengers from Check-In Hall
- Departing Passenger Flow - Family/PRM
- Departing Passenger Flow - General
- Passenger access to departure lounge
- Passenger route to Gate

5.3 Building Layout - Proposed Passenger Flow



Level 20 - Passenger Flow

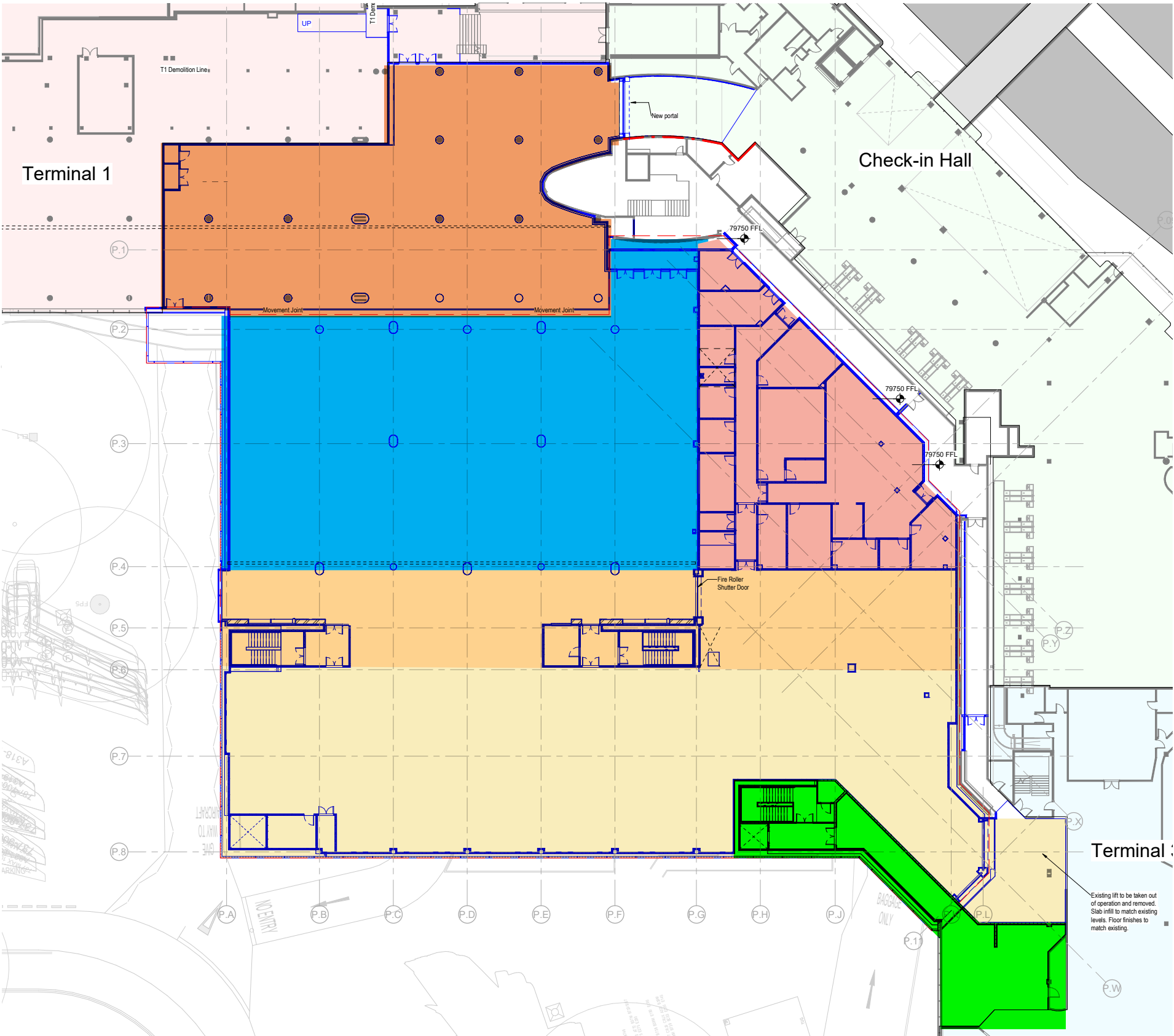
PASSENGER FLOWS - DEPARTURES

Terminal 3 departing passengers will continue to use the existing check-in hall. Passengers will then progress through the entrance portal to a new queueing area within part of what is the existing security search area and then continue into the re-provided security search area. Once processed, the passengers will exit into the re-packing and orientation zone. From there, passengers will move onto the circulation and access space and proceed through a new link to the departure lounge.

LEGEND:

- Planning Application Boundary
- Passengers from Check-In Hall
- Departing Passenger Flow - Family
- Departing Passenger Flow - General
- Departing Passenger Flow - Fast Track
- Passenger access to departure lounge
- Passenger route to access re-configured Stand 41

5.4 Building Layout - L20 Proposed Plans



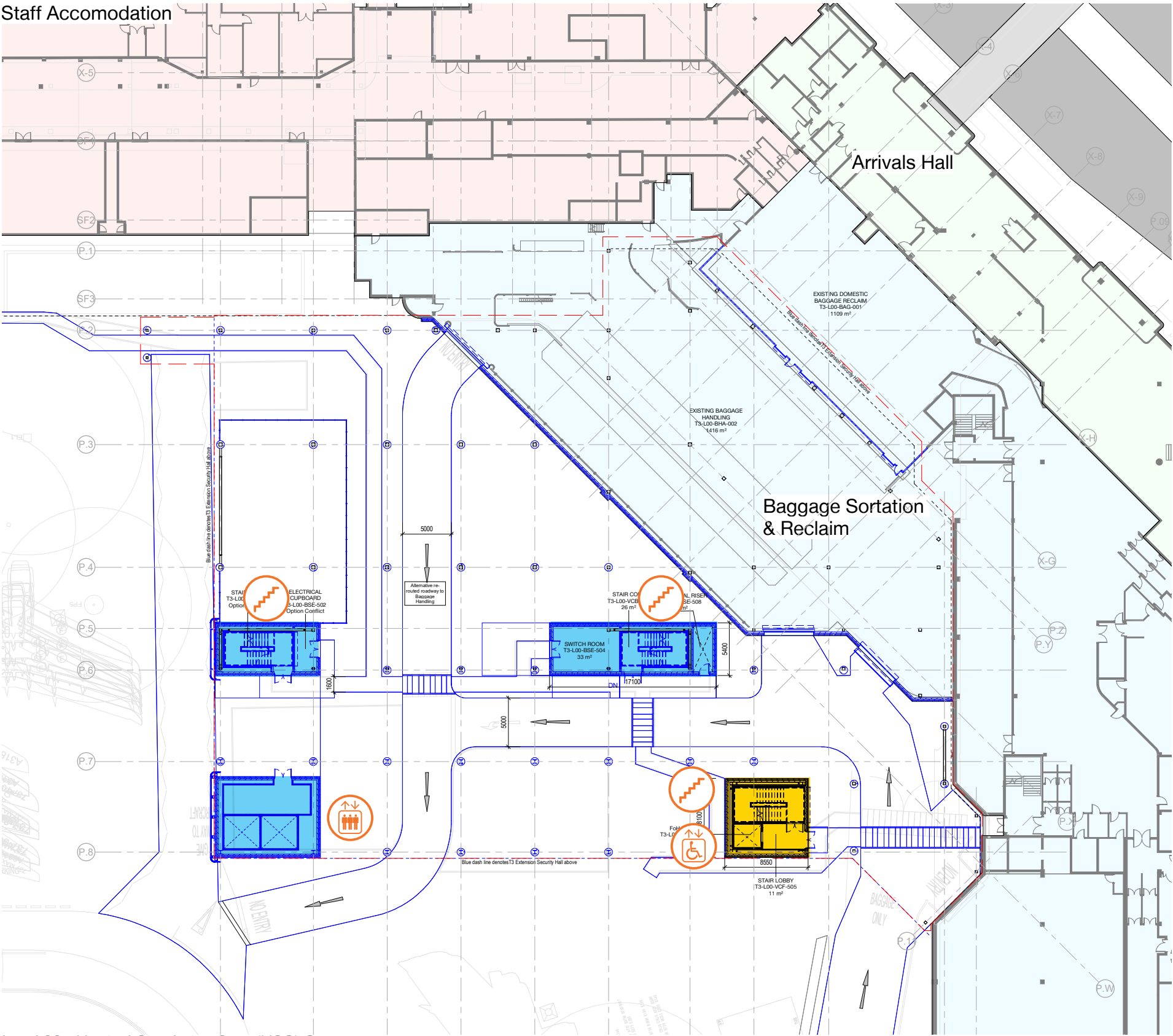
Level 20

T3 Security Search Area - Functional space planning

Terminal 3 departing passengers will enter from the check-in hall into the existing security search area, part of which will be repurposed as a queueing area for the security search process. Following security search passengers will move through the orientation zone to the circulation space and gain access to the departures hall through a newly created access point.

- Legend:**
- Planning Application Boundary
 - Check-in hall
 - Terminal 1
 - Terminal 3
 - Queueing
 - Passenger processing area
 - Office accommodation
 - Orientation zone
 - Circulation and access to departure lounge
 - Boarding gate

5.5 Building Layout - Proposed Vertical Circulation Core (VCC) Strategy

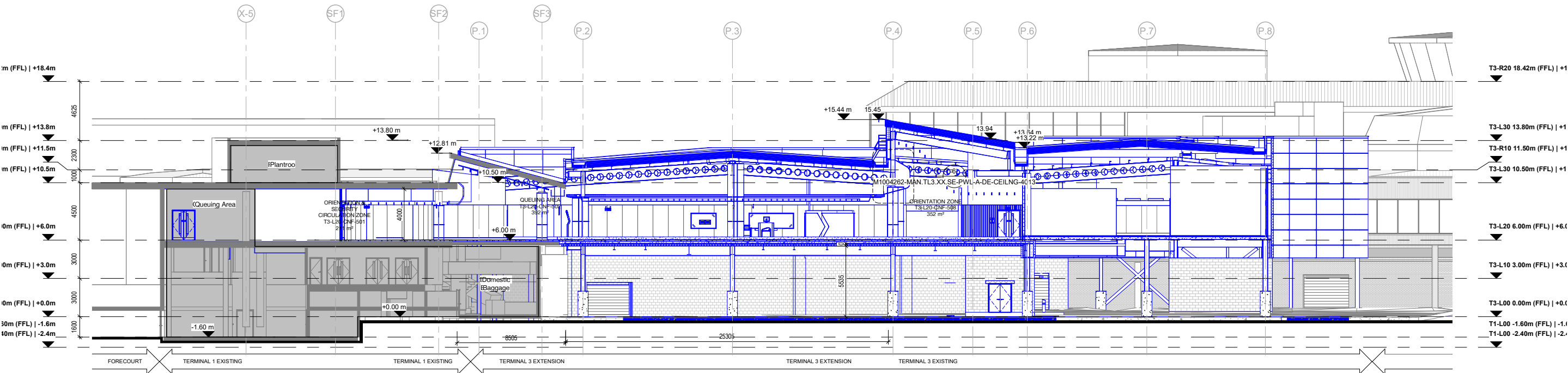


Level 00 - Vertical Circulation Core (VCC) Strategy

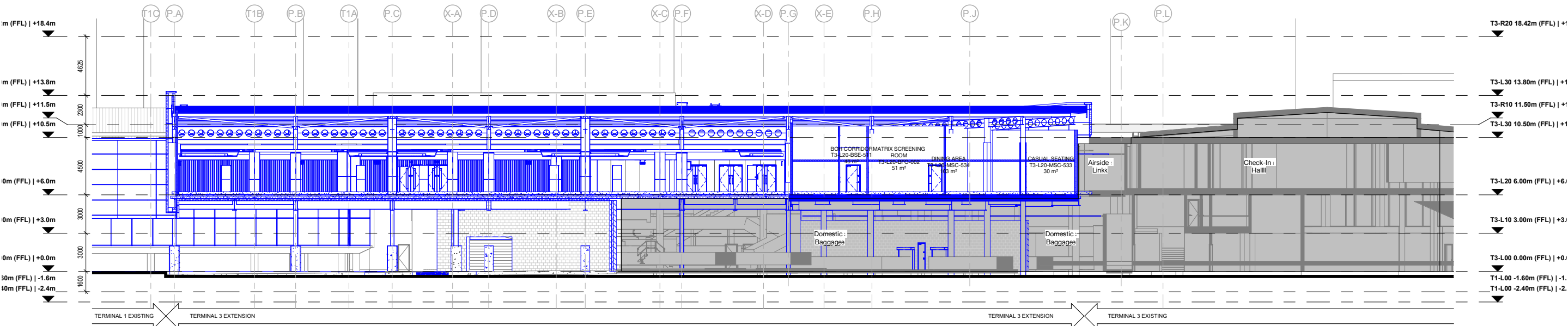
Legend:

- Planning Application Boundary
- Arrivals hall
- Baggage sortation & reclaim
- Plant & staff accommodation
- Proposed vertical circulation to access Stand 41
- Proposed back of house Vertical non-passenger vertical circulation core
- Lifts
- Stairs
- PRM Lift

5.6 Building Layout - Proposed Sections



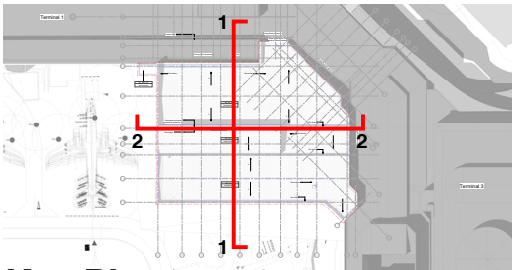
Section 1



Section 2

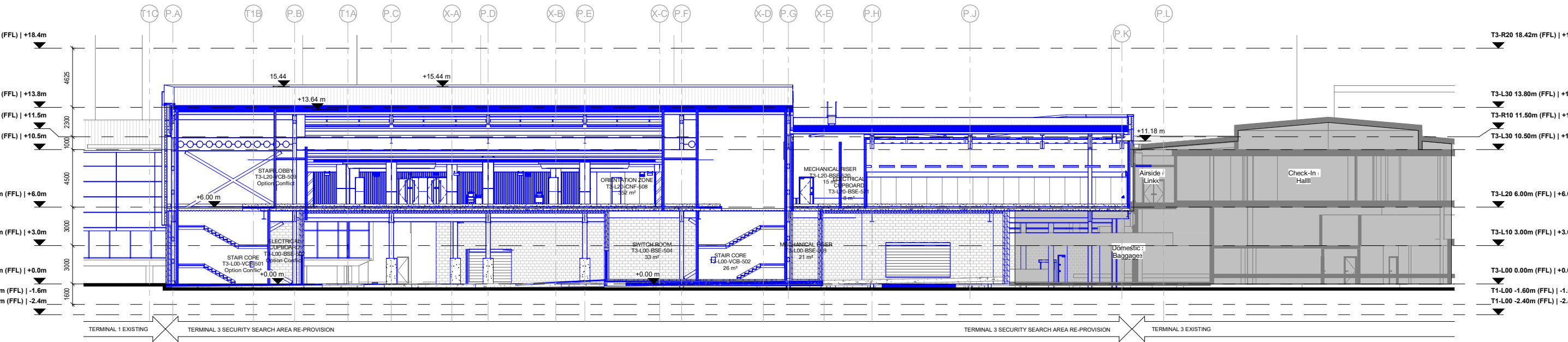
Legend:

- Proposed Building in Blue
- Existing Building in Grey

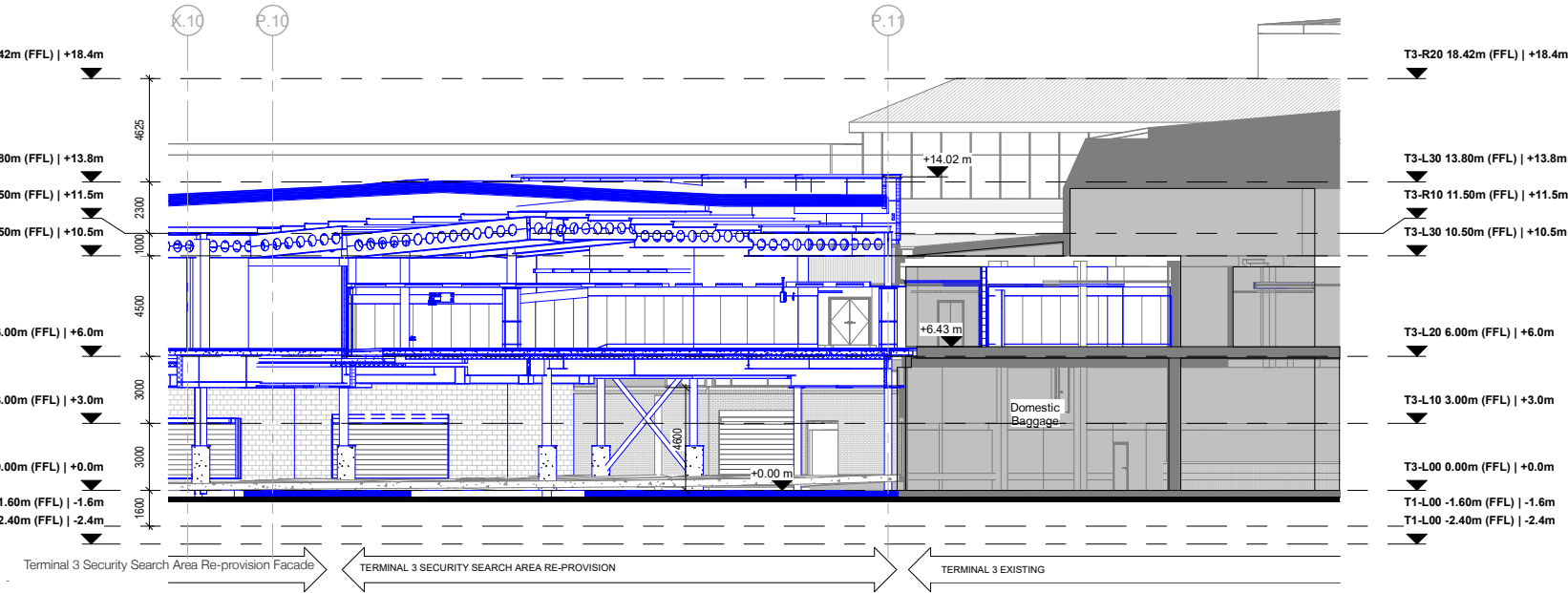


Key Plan

5.7 Building Layout - Proposed Sections



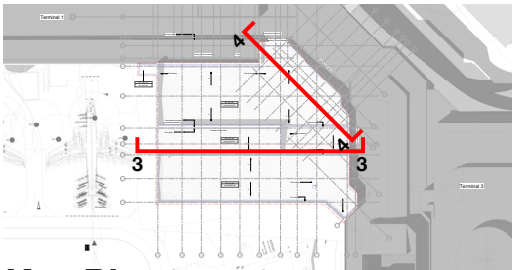
Section 3



Section 4

Legend:

- Proposed Building in Blue
- Existing Building in Grey



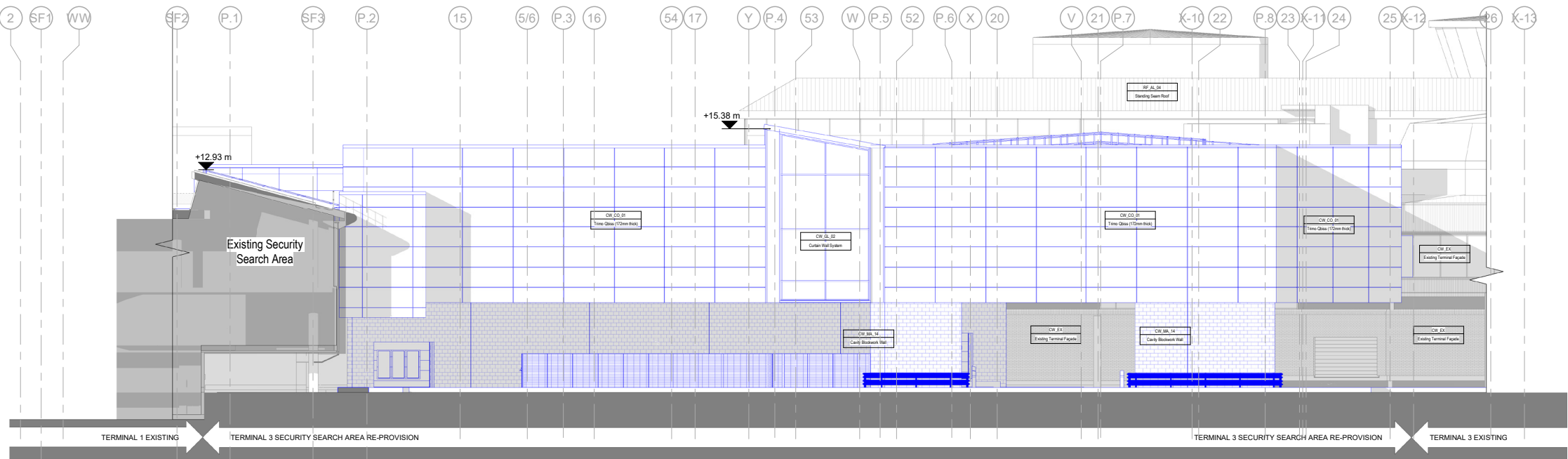
Key Plan



	Proposed Building in Blue
	Existing Building in Grey
CW_CO_01	Trimo Qbiss composite panels: Anthracite Gray RAL 7016
CW_CO_01c	Trimo Qbiss composite panels: Gray White RAL 9002
CW_GL_03	Curtain wall spandrel panel: Anthracite Gray RAL 7016
CW_MA_14	Concrete facing blockwork Colour: Sports Blue
RF_AL_04	Kalzip standing seam roof: Gray Aluminium RAL 9007
CW_EX	Existing Terminal Façade



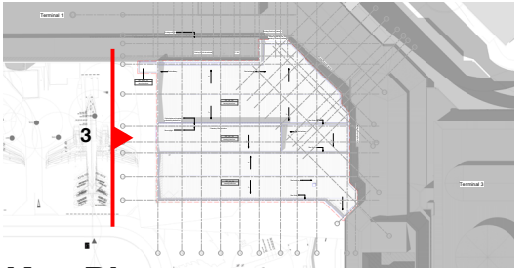
5.9 Building Layout - Proposed Elevations



3 Proposed West Elevation

Legend:

	Proposed Building in Blue
	Existing Building in Grey
CW_CO_01	Trimo Qbiss composite panels: Anthracite Gray RAL 7016
CW_CO_01c	Trimo Qbiss composite panels: Gray White RAL 9002
CW_GL_03	Curtain wall spandrel panel: Anthracite Gray RAL 7016
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Key Plan