

## MSC Project Update

Stakeholder Meeting  
May 29, 2020

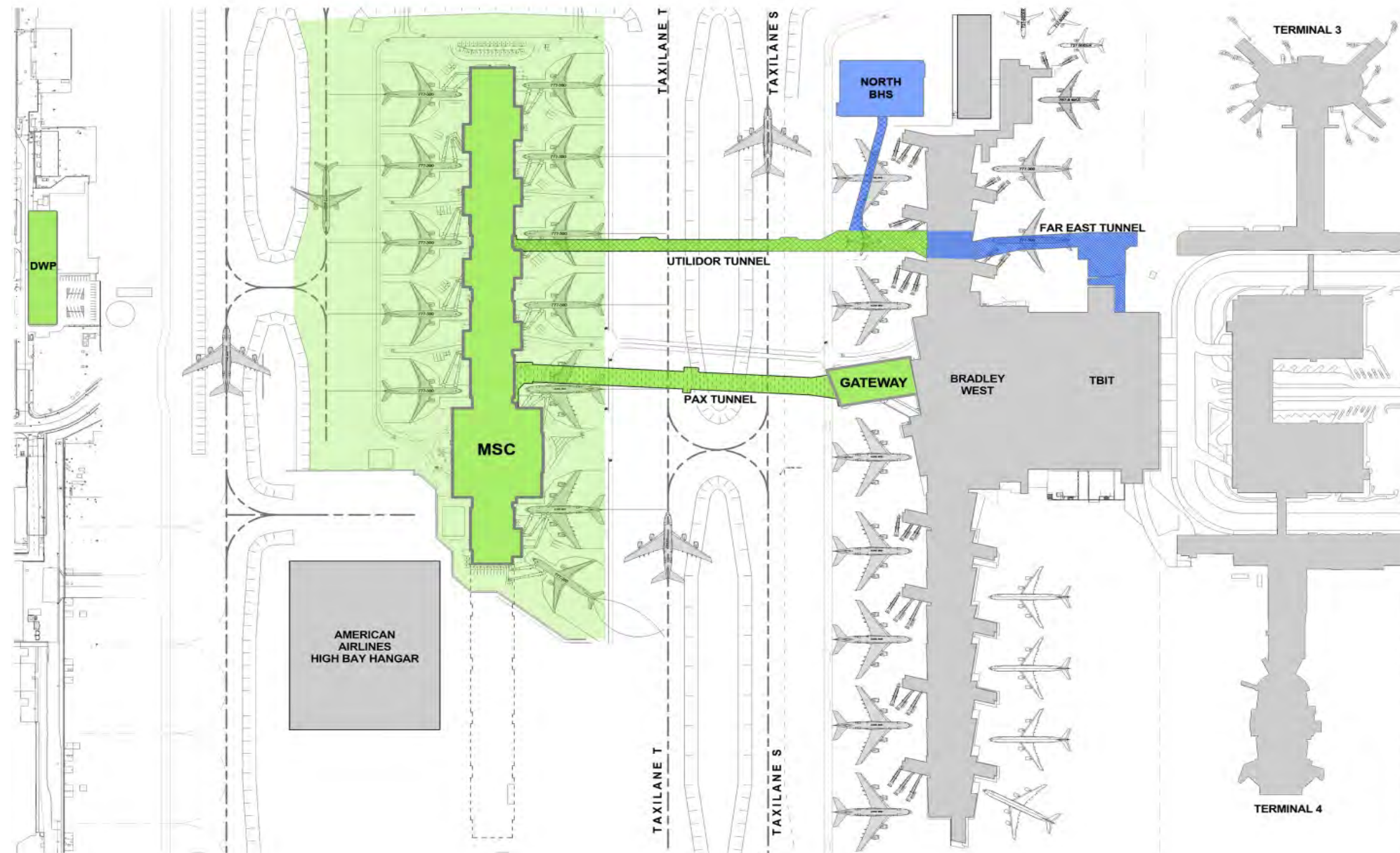
# MSC - Project Components

## MSC Project

1. MSC Concourse - 15 Gates
2. Gateway
3. PAX Tunnel
4. Utilidor / Crossover Tunnel
5. Taxilanes & Apron
6. DWP Substation

## Baggage Optimization Project (BOP)

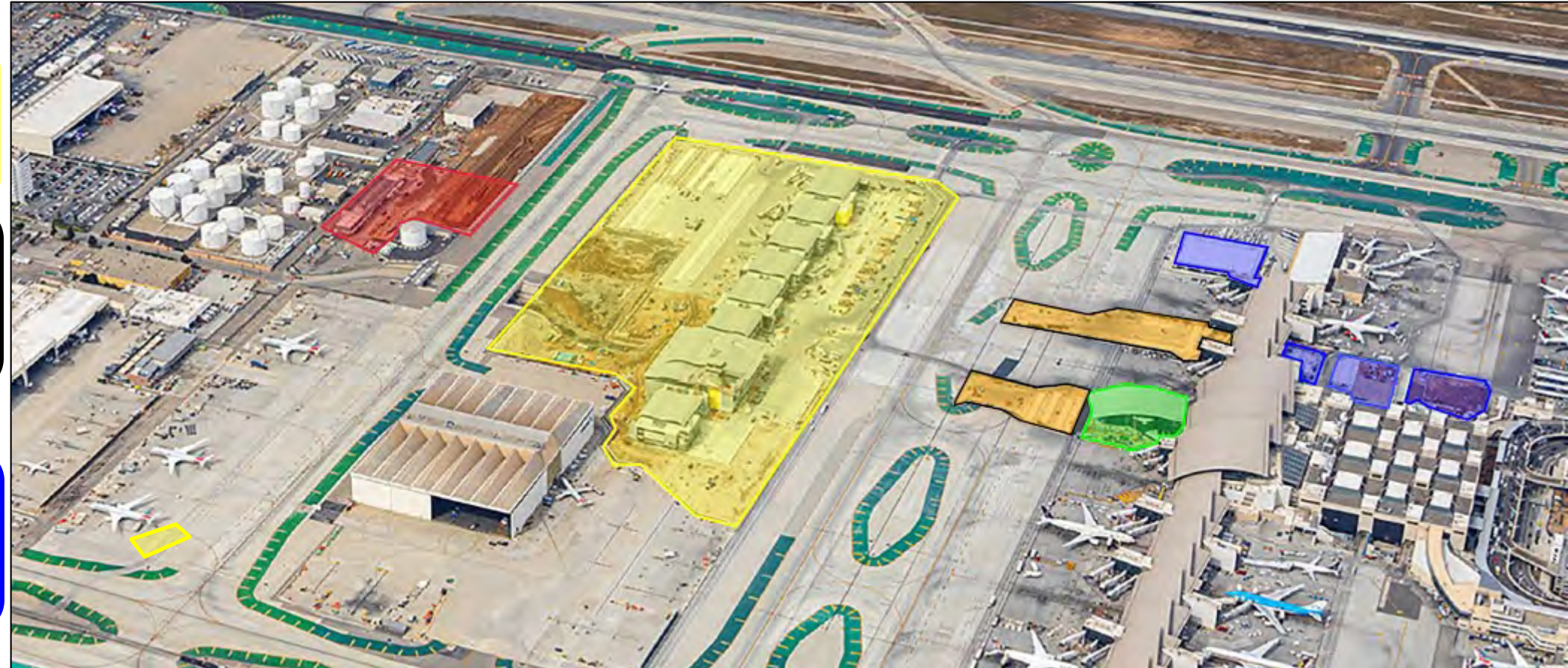
1. Far East Tunnel
2. North BHS Structure
3. North Tunnel





## Updates by Geography

- ☐ MSC
  - ☐ Concourse
  - ☐ Civil
- ☐ Tunnels
  - ☐ TPAX
  - ☐ Utilidor
- ☐ Gateway
- ☐ BOP
  - ☐ BOP NBHS (IWBT)
  - ☐ BOP Far East Tunnel (Gate 131)
- ☐ BHS



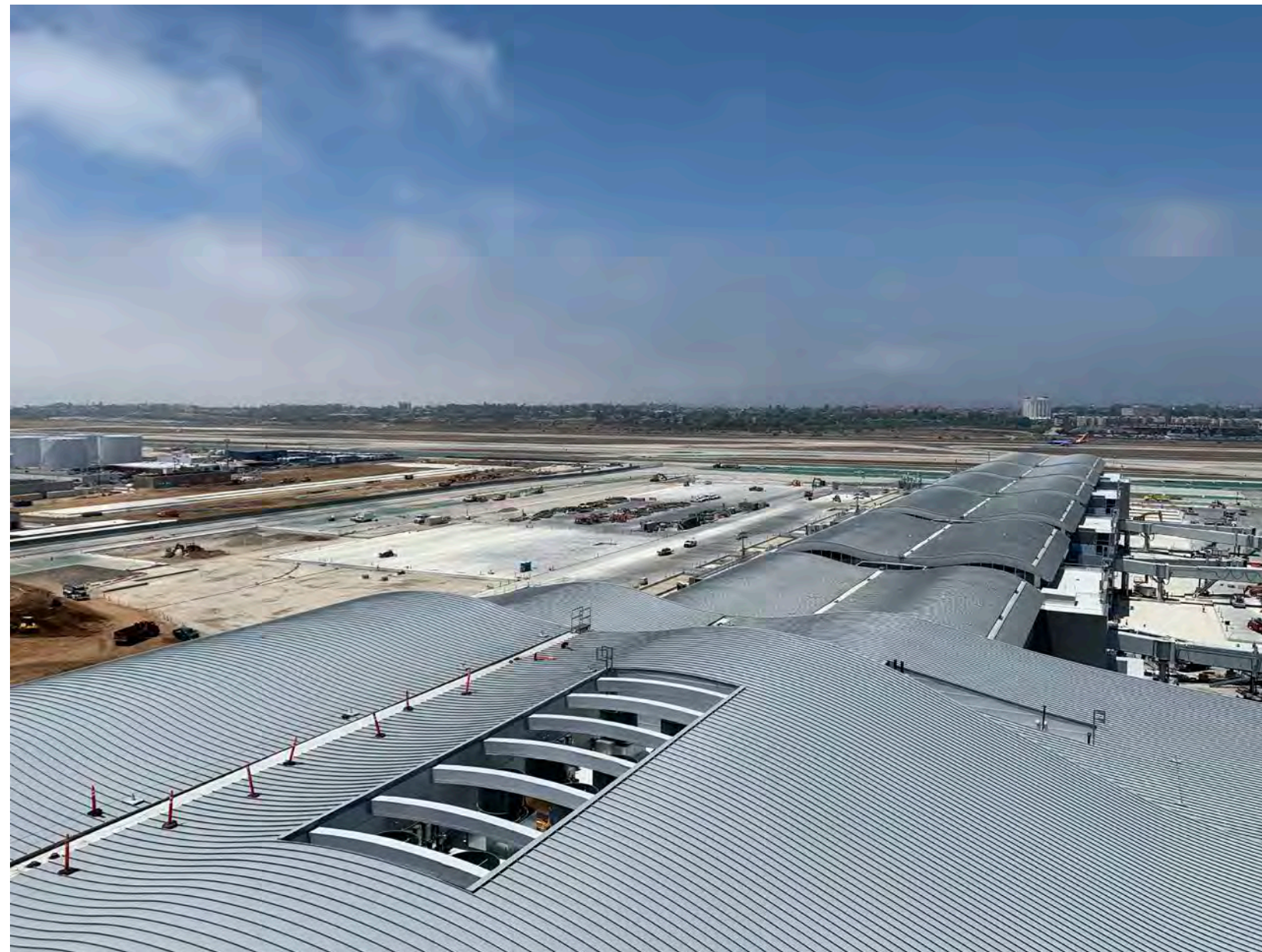


## **General Updates / Progress:**

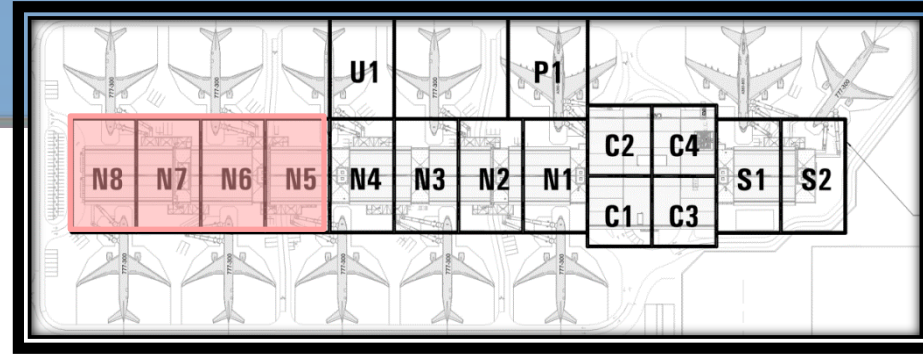
- ☐ Terrazzo activities ongoing at various stair locations (observation made at Basement Core, Apron Core, Concourse N1, Gatehouse Stairs)
- ☐ Gyp board finishes ongoing at various locations
- ☐ Wood ceiling panels are still being installed at N1-N2 area East
- ☐ Otis working on various escalators throughout MSC (observation made at Apron Core, N1 Grand Escalator)
- ☐ Group III construction progressing (observed interior framing activities at egress stairs)
- ☐ CBP & TSA Processing Area in the Basement is progressing (ceiling device tiles installed, cameras installed, scaffold for separation screen wall has been placed)

## **Upcoming / Ongoing Coordination:**

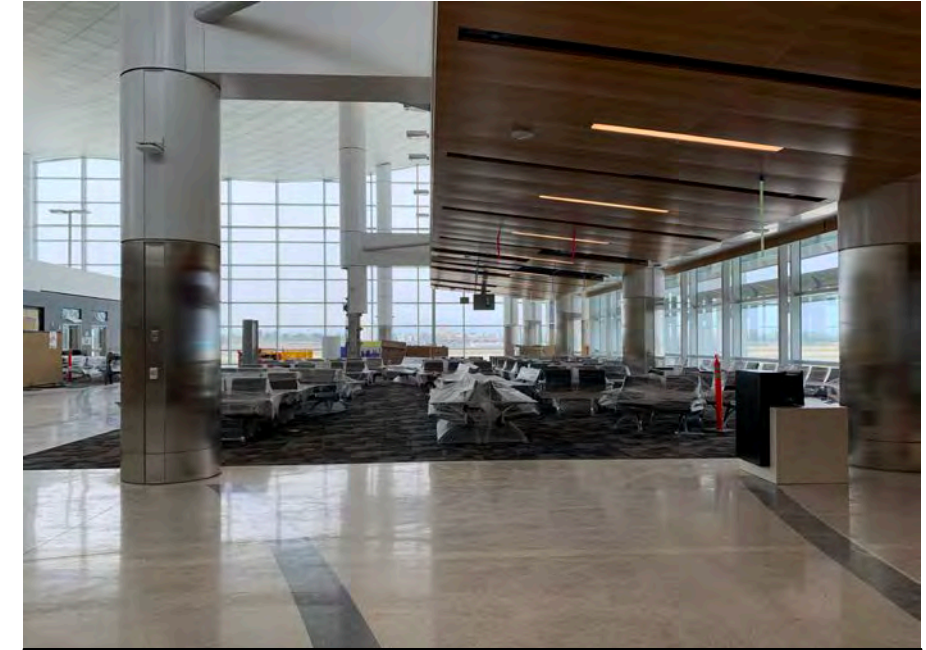
- ☐ DAS upgrades progressing and being coordinated with TPJV weekly
- ☐ Ongoing coordination walk with TPJV/LAWA Maintenance for MEP access
- ☐ Ongoing coordination with URW Concession Construction
- ☐ Ongoing coordination with Vanderlande Commissioning



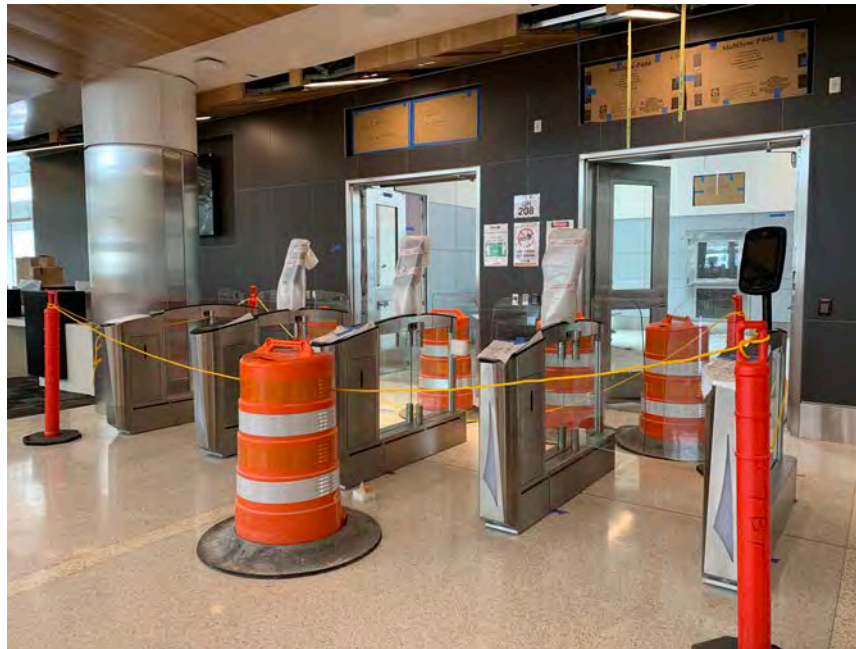




Terrazzo Stair and Glass Handrail Installed



Furniture to be Installed at N8



Self-Boarding Gates

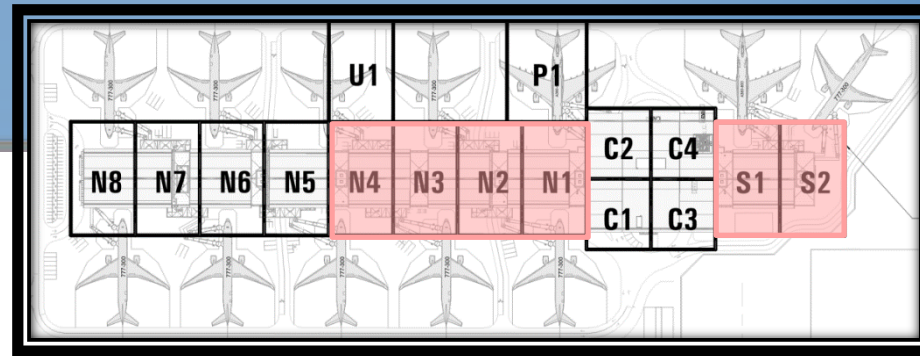


Group III: G209A Podium Area

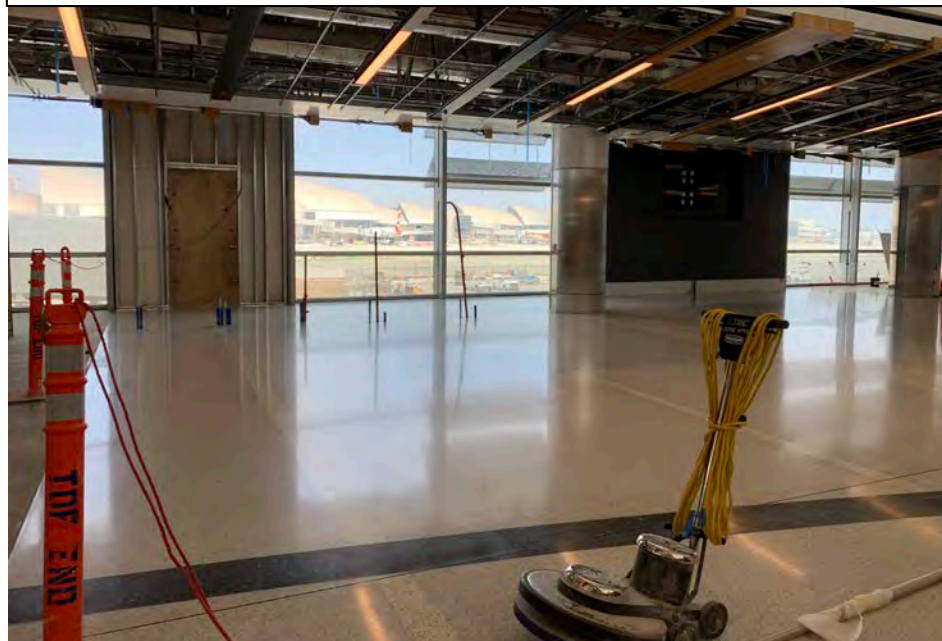


G209 Egress Stairs





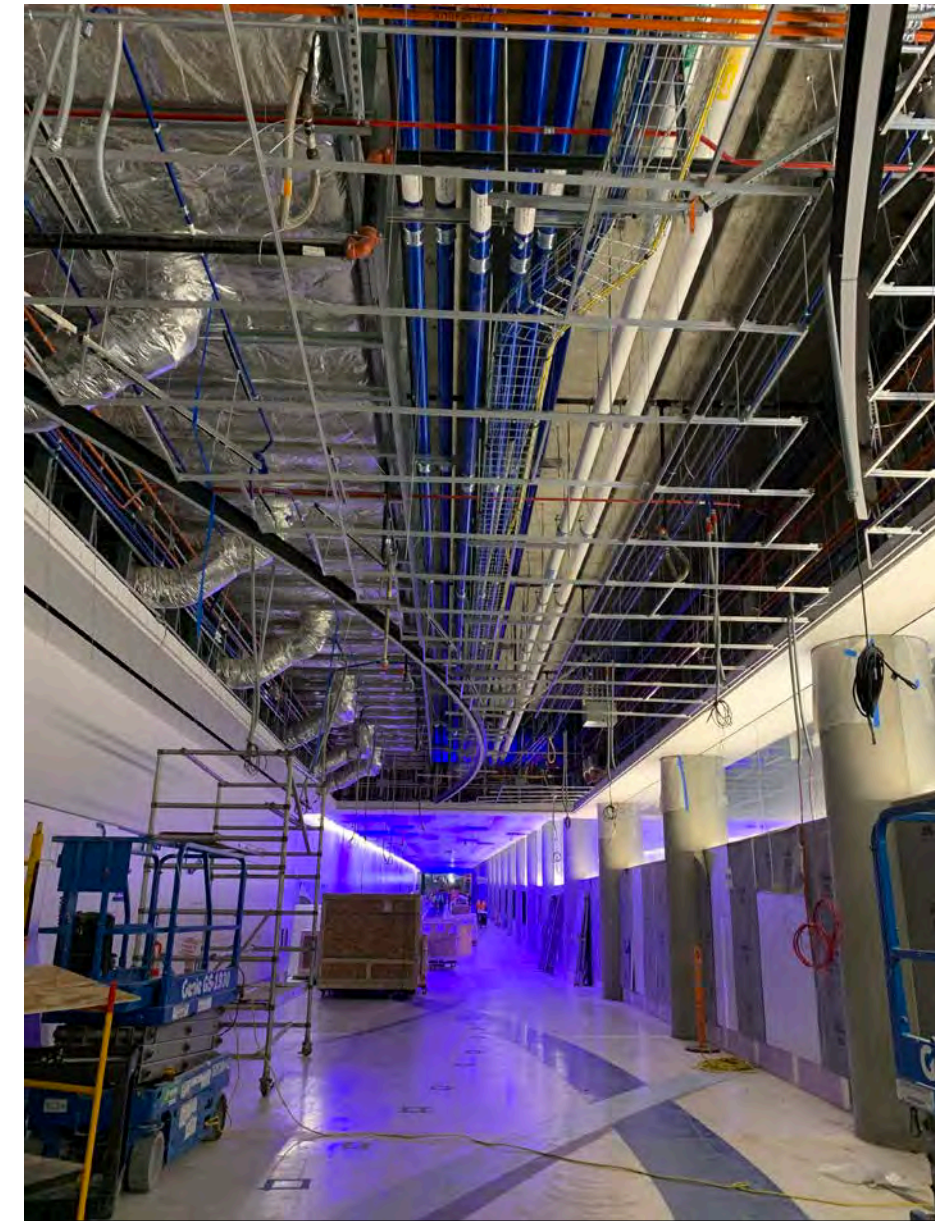
CBP Kennels at Apron



Terrazzo Polishing at N1-N2

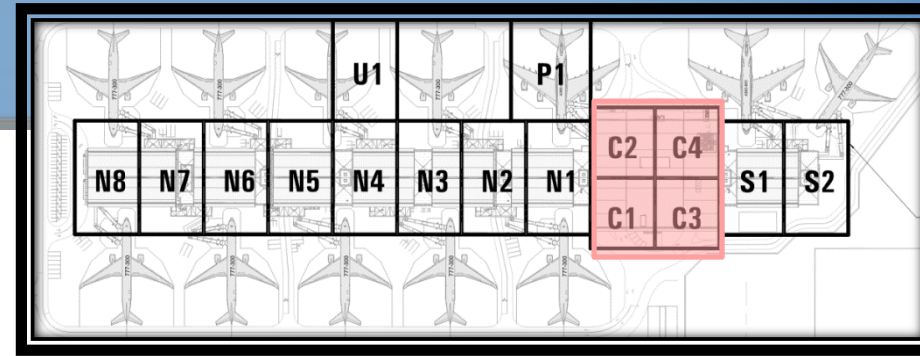


Main Queuing Spaces at Basement FIS Processing Area

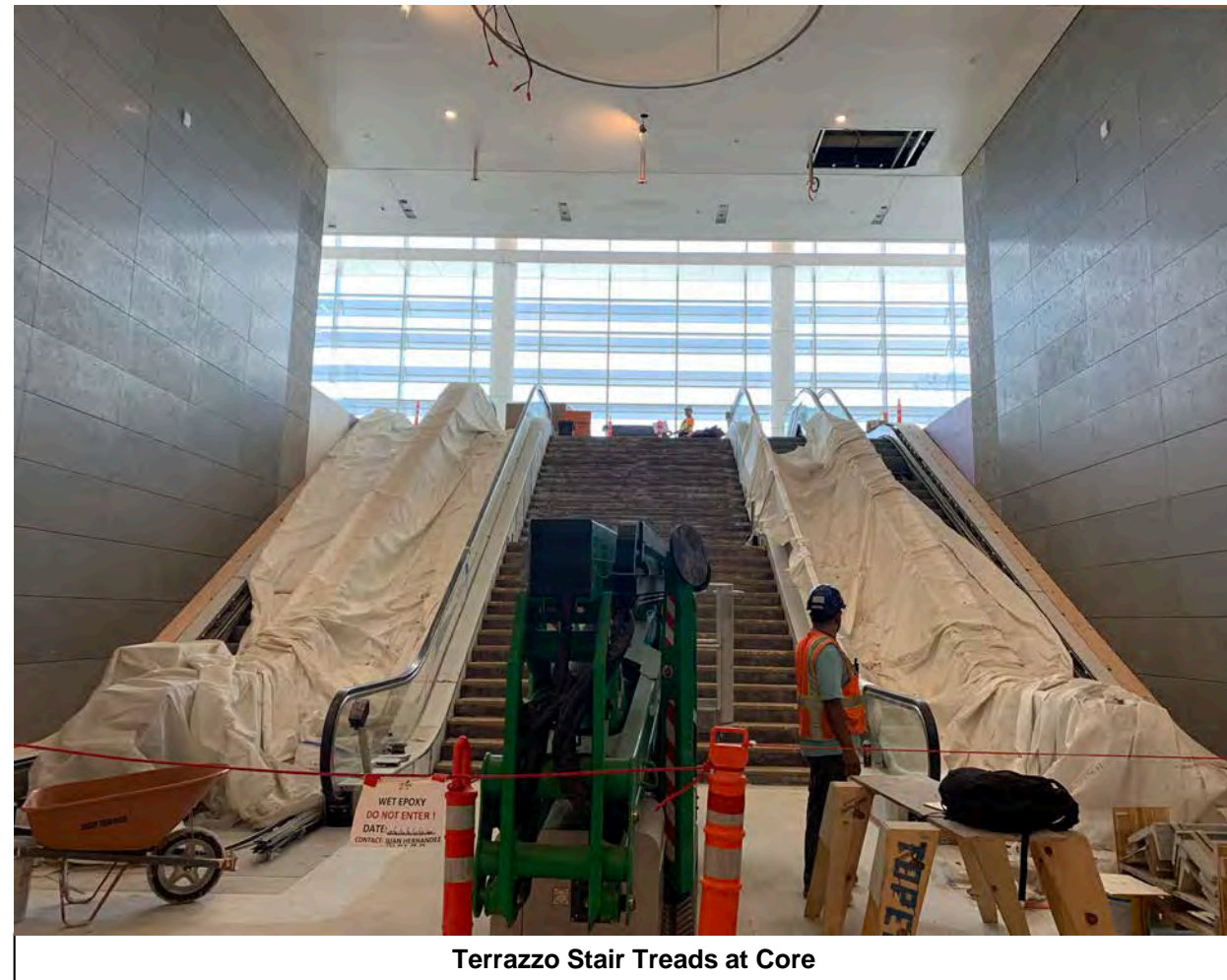


T-bar Ceiling Grid at PAX Tunnel

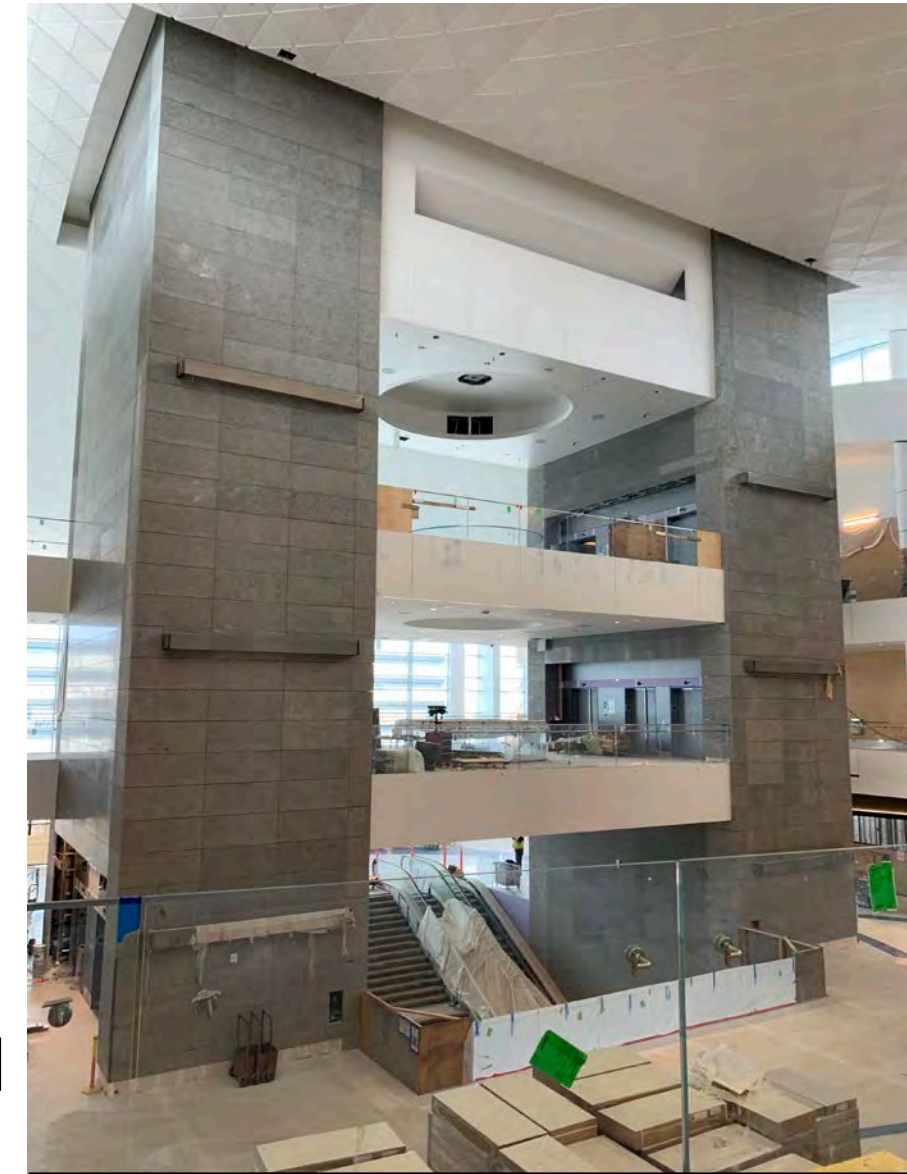




Terrazzo Polish at Core Basement Area



Terrazzo Stair Treads at Core



Elevator Banks at Core



## General Updates / Progress:

- ☐ Turnover date 5/26, 5/27
- ☐ Changes to ceiling and console equipment on desk ongoing
- ☐ Elevator final inspection 5/15
- ☐ O&M Training - 3 remaining

## Upcoming Coordination:

- ☐ IDS-5, Ring-Down lines installation coordination with FAA – August 2020



**Ramp Controller**





## Updates by Geography

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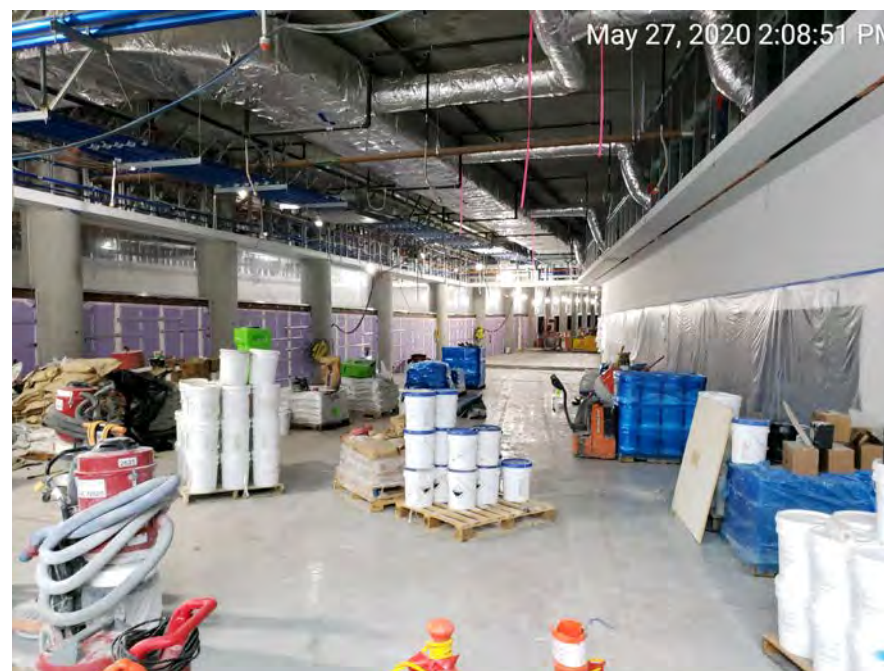
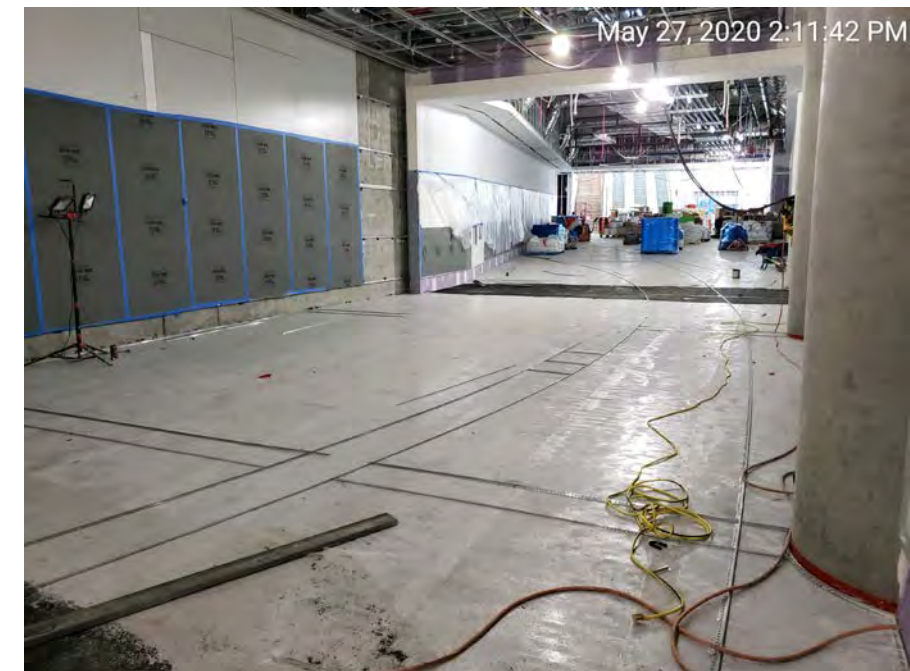
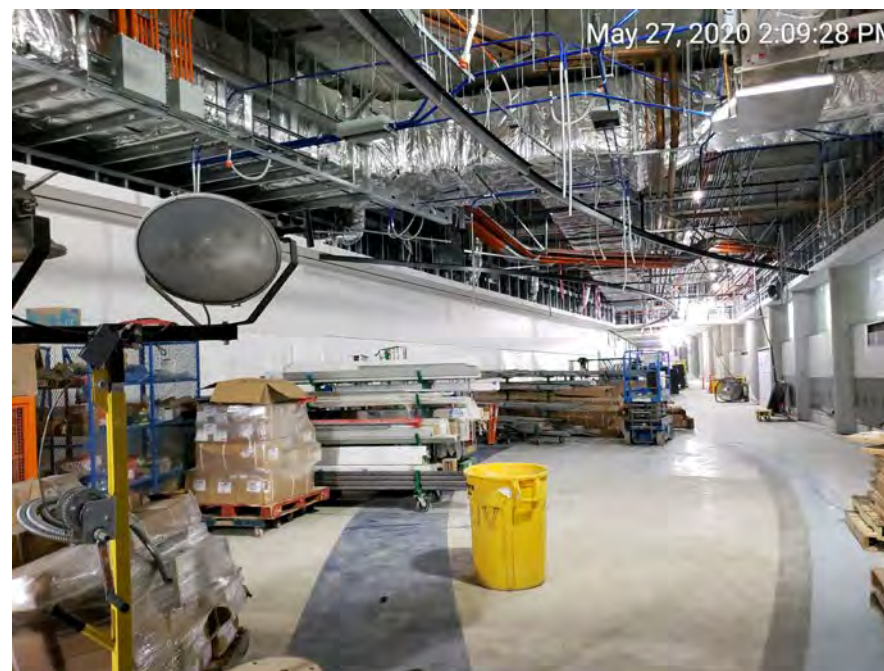
# Passenger Tunnel Interiors

## General Updates:

- ❑ Overhead MEP continues at east end
- ❑ Terrazzo is nearly complete. TPJV is working on the final area
- ❑ Phenolic panel installation continues at the north side center wall
- ❑ Ceiling continues to be closed-up at the middle of the tunnel
- ❑ JCDecaux continues their install of devices at the middle of the tunnel
- ❑ Otis has completed the glass handrail for moving walkways. They will begin final testing this week

## Upcoming Coordination:

- ❑ VSR adjacent to Gateway shift
  - ❑ The north lane of the VSR-S adjacent to Gateway will be shifting to the west on 5/30/20





# Utilidor Crossover Tunnel (Gate 132)

## General Updates

- ☐ Gatefit Complete
- ☐ PBB commissioning is complete
  - ☐ Working through minor issues with the PCA and 400Hz units
- ☐ G132 Traffic Markings in place but need some minor corrections
- ☐ Final Cleaning of gate is ongoing

## Upcoming Coordination:

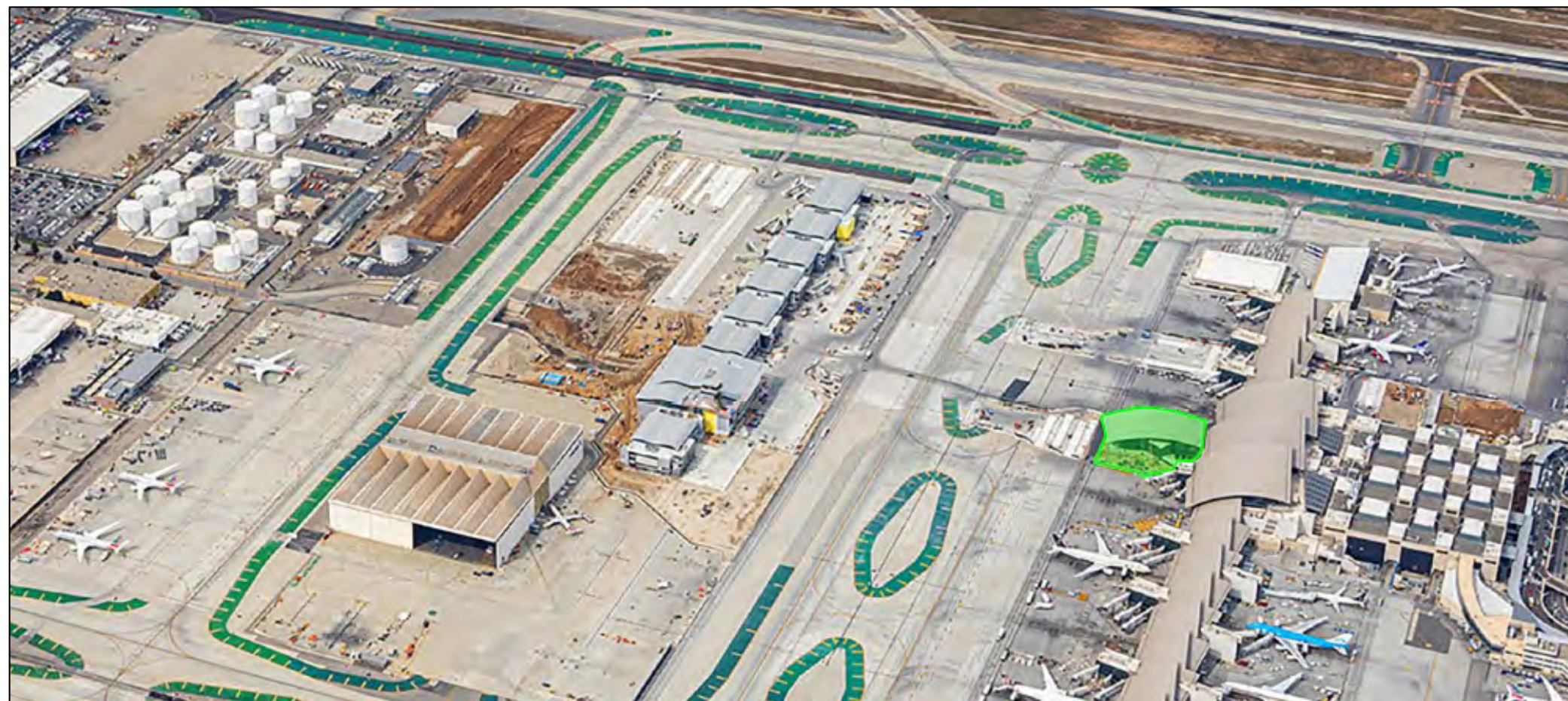
- ☐ Gate 132 Re-opening
  - ☐ Scheduled 6/5/20





## Updates by Geography

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- ☐ BHS





# Gateway - New Construction

## General Update:

- ☐ OH MEP and devices continue at apron and basement
- ☐ Otis Continues Elevator and Escalator install
- ☐ Terrazzo work continues at apron
- ☐ Exterior metal panels continue at South elevation
- ☐ High roof perimeter work ongoing
- ☐ Concrete sidewalks around Gateway continue
- ☐ Grading for sidewalks at north side is ongoing
  - ☐ Will begin grading on west side next week

## Upcoming Coordination:

- ☐ VSR-S northbound lane will shift to the west to remove the split in the road. This will allow work to begin on the final permanent pavement lane on the west of Gateway





# Gateway - Remodel Construction

## General Update:

- ❑ Conveyor CF10B electrical install continues to apron
- ❑ Apron paving near inbound baggage
  - ❑ Paving rebar and grading continues
  - ❑ Curbs and sidewalk continue at North half
- ❑ Work in TBIT connector hallway
  - ❑ Ceiling framing continues
  - ❑ Phenolic Wall panel install

## Upcoming Coordination:

- ❑ Pylon installation at TBIT concourse
  - ❑ Installation work plan being reviewed with Operations
  - ❑ Anticipated start mid-June





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# TUTL - North Tunnel (Gate 134)

## General Updates:

- ☐ Excavation – Ongoing
- ☐ New Sanitary Sewer Line installed and activated
  - ☐ CUP notified

## Upcoming Coordination:

None at this time





## General Updates:

- ☐ Elevator commissioning and testing – Upcoming
  - ☐ Pending ATS installation
- ☐ Tie-in area paving
  - ☐ Grading/compaction - Complete
  - ☐ Base (PMB) – Complete
  - ☐ Concrete Pour – Upcoming

## Upcoming Coordination:

None at this time





# BOP Far East Tunnel (Gate 131)

## General Update:

- ❑ Area 1
  - ❑ PBB Installation - Ongoing
- ❑ Area 2
  - ❑ Concrete pavement - Completed
- ❑ Area 3
  - ❑ Concrete pavement (LCB / PCC) - Ongoing
  - ❑ Grading and form Work the pavement at west of the Tug Ramp – Completed.
  - ❑ Concrete pavement at west of the Tug Ramp - Ongoing
  - ❑ TBIT Connector:
    - ❑ Exterior walls panels installation - Ongoing

## Upcoming Coordination:

None at this time





## **General Updates:**

- ☐ Mechanical Installation: 92% (+2)
- ☐ Electrical Installation: 62% (+7)
- ☐ Pre-Commissioning is continuing in the tunnels.
- ☐ Integration and testing is continuing in the MSC.
- ☐ Punch walk for DC7 was completed on 5/14/2020.
- ☐ Continuing to coordinate the Fire Door operations with TPJV.
- ☐ No severe COVID-19 impacts at this time.

## **Upcoming Coordination:**

- ☐ North Tunnel turnover anticipated on October 16, 2020 (-2 months)





## General Updates/ Progress:

- ☐ Trap Primer Functional test – Complete
- ☐ HVAC Test & Balance – Ongoing
- ☐ Air Handling Unit Functional Test – Ongoing
- ☐ Sump Pump Functional Test - Ongoing
- ☐ Fan Coil Unit Pre Functional test – Ongoing
- ☐ Make up Air Unit Pre Functional Test – Ongoing

## Upcoming Functional Testing:

- ☐ Fan Coil Unit Functional Test – Mid June



### Testing Sequence





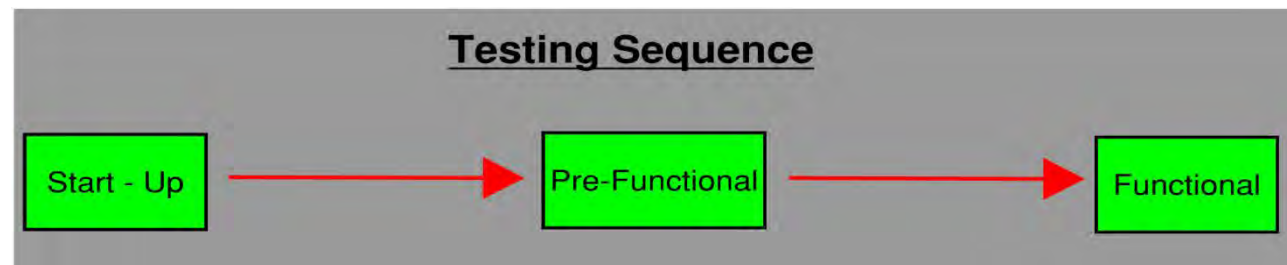
# MSC Electrical/IT Commissioning Update

## General Updates/ Progress:

- ☐ Low Voltage System Pre Functional Test– Ongoing
- ☐ Lighting Control Pre Functional Test – Ongoing
- ☐ Fire Alarm system Functional test – Ongoing
- ☐ Emergency Power System Pre Functional Test – Ongoing

## Upcoming Functional Testing:

- ☐ Emergency Power System Functional Test – Mid June



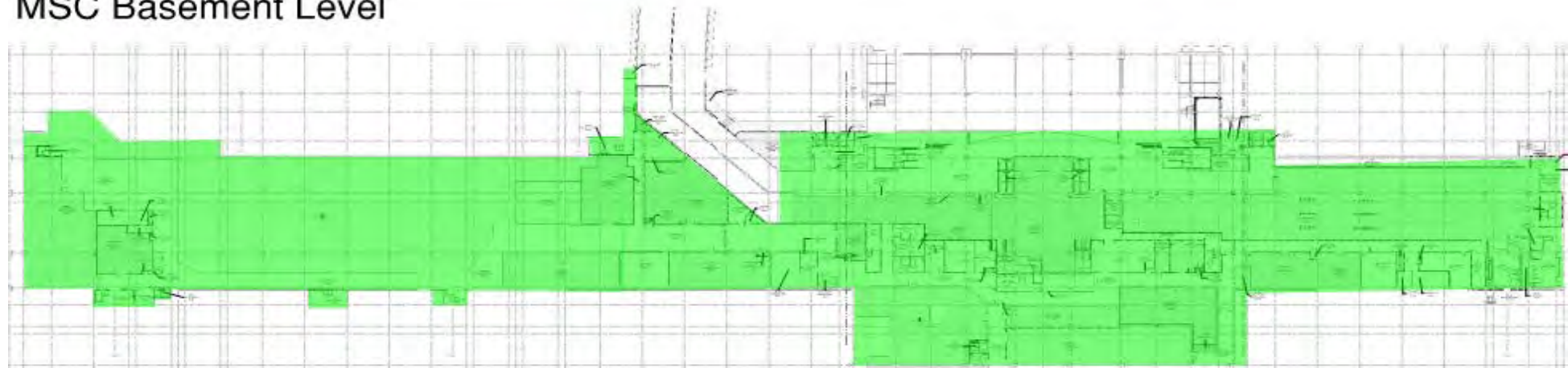


# Maintenance Access Update

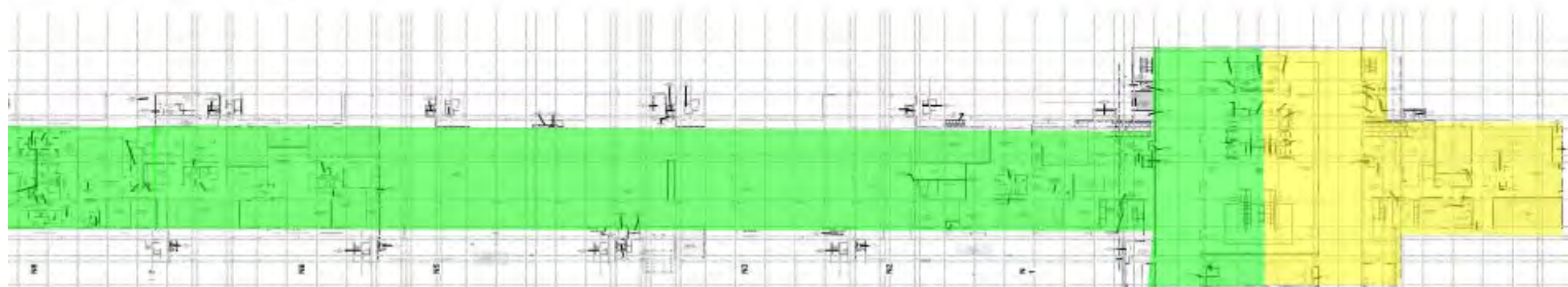
## General Update:

- ☐ MSC Basement Level:
  - ☐ 100% Complete
  - ☐ Issues
    - ☐ Open: 4 Closed: 0
  - ☐ NNC
    - ☐ Open: 0 Closed: 0
- ☐ MSC Apron Level:
  - ☐ 80% Complete
  - ☐ Issues
    - ☐ Open: 2 Closed: 9
  - ☐ NNC
    - ☐ Open: 6 Closed: 2

MSC Basement Level



MSC Apron Level



- ☒ Areas Walked
- ☐ Areas To Be Walked

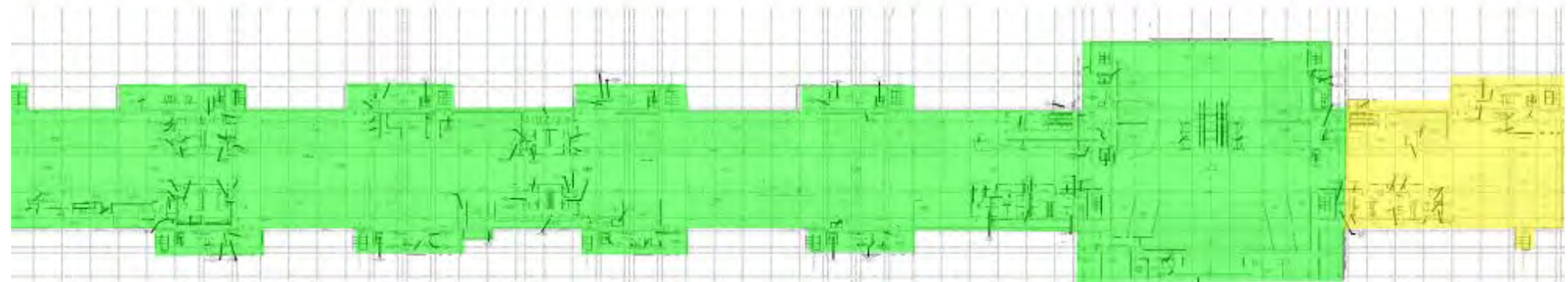


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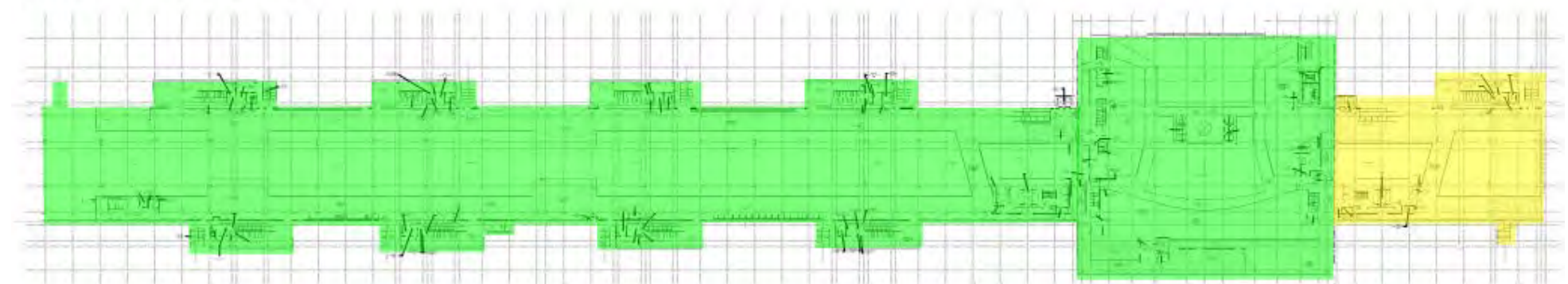
## General Update:

- ☐ MSC Concourse Level:
  - ☐ 90% Complete
  - ☐ Issues
    - ☐ Open: 5 Closed: 26
  - ☐ NNC
    - ☐ Open: 7 Closed: 28
  
- ☐ MSC Sterile Level:
  - ☐ 80% Complete
  - ☐ Issues
    - ☐ Open: 1 Closed: 1
  - ☐ NNC
    - ☐ Open: 0 Closed: 1

MSC Concourse Level



MSC Sterile Level



- ☐ Areas Walked
- ☐ Areas To Be Walked



# Maintenance Access Update

## General Update:

### ☐ Gateway:

- ☐ 100% Complete
- ☐ Issues
  - ☐ Open: 0 Closed: 1
- ☐ NNC
  - ☐ Open: 1 Closed: 0

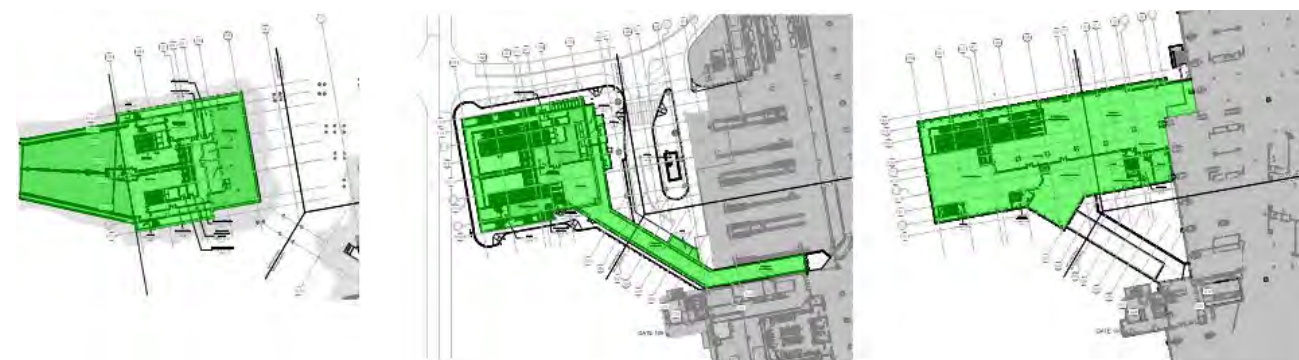
### ☐ TPAX:

- ☐ 100% Complete
- ☐ Issues
  - ☐ Open: 1 Closed: 0
- ☐ NNC
  - ☐ Open: 1 Closed: 0

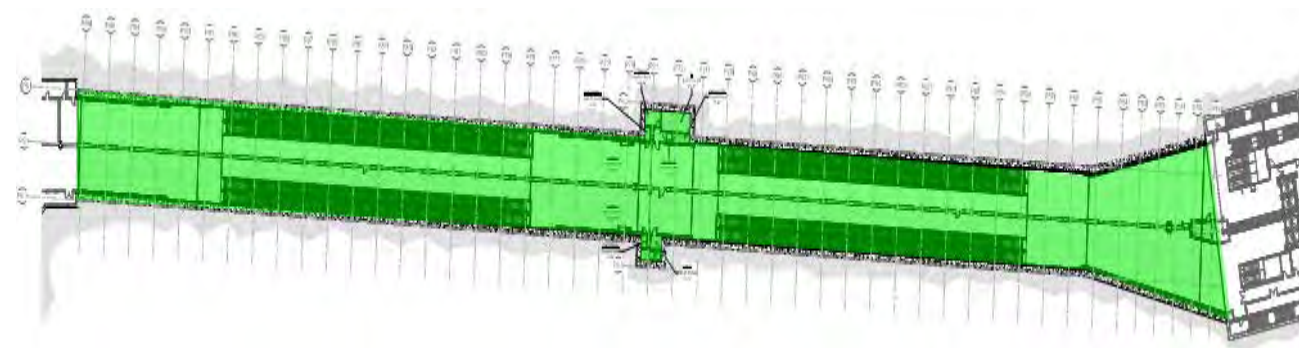
## Upcoming Coordination:

- ☐ 06/03/2020: Walk MSC Apron N4 to N1
- ☐ 06/05/2020: Walk MSC Concourse N4 to N1
- ☐ 06/11/2020: Walk TPAX IT Room

Gateway



TPAX



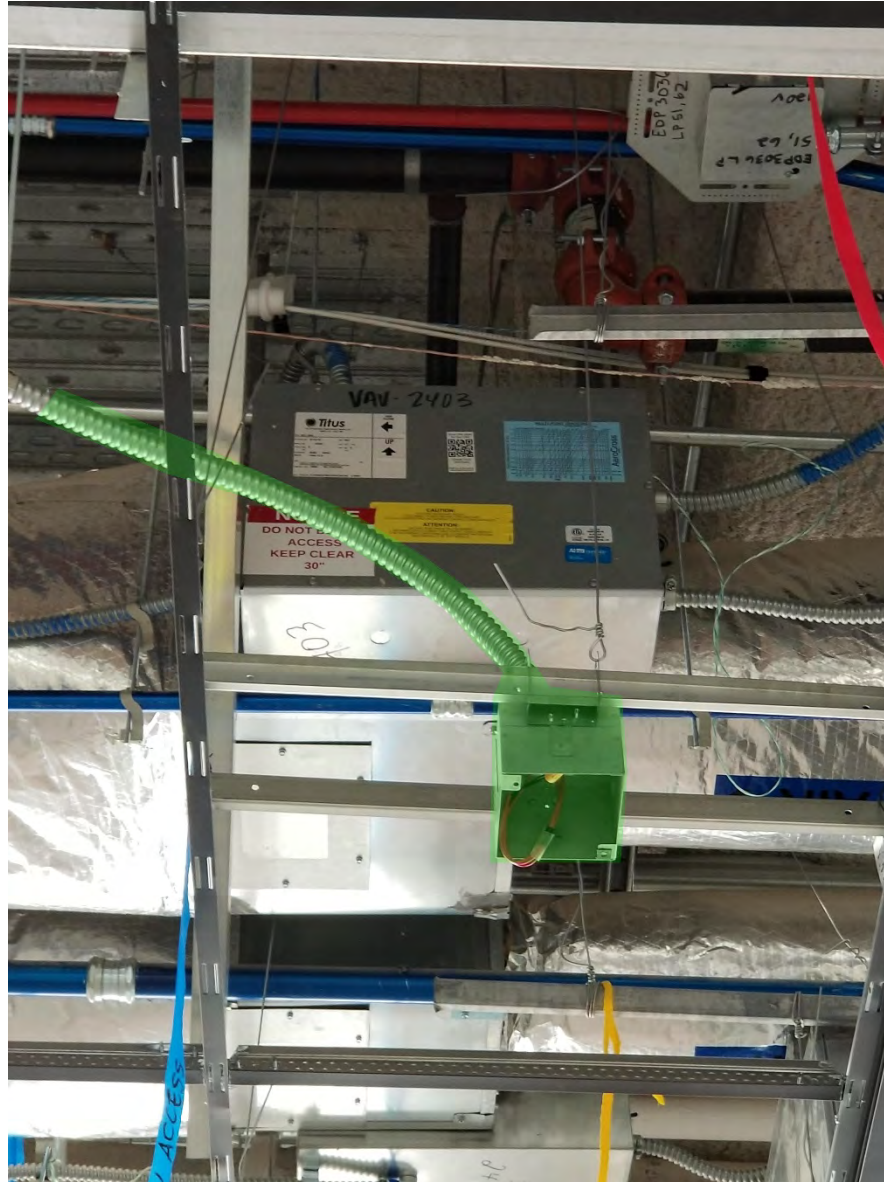
Areas Walked



Areas To Be Walked



# Maintenance Access Update



Before



After



## 30-Day O&M Training Look-Ahead

- The following are the trainings scheduled for June 2020
- Dates have been coordinated with the stakeholders and invites have been sent to attendees

| Training              | Booking Date | Commissioning Completed on time | Completed Training Materials |
|-----------------------|--------------|---------------------------------|------------------------------|
| Natural Gas System    | June         | Yes                             | Yes                          |
| Domestic Water System | June         | Yes                             | Yes                          |
| Recycled Water System | June         | Yes                             | Yes                          |



| Project Component/Area               | LAWA Estimated Date |
|--------------------------------------|---------------------|
| Gate 132 Restore for Operation       | June 5, 2020        |
| Gate 131 Restore for Operation       | July 25, 2020       |
| Restore Gate 130 to Group VI         | End of July 2020    |
| Restore Gate 148 to Group VI         | End of August 2020  |
| North Tunnel Turnover to Vanderlande | October 2020        |
| Gate 134 Restore for Operation       | December 2020       |
| BHS Operational                      | December 2020       |



# Questions / Feedback

