San Diego Climate Week

October 1–8, 2026

2026 Climate Week Theme:

Building Climate Resilience Through Local Action

Land Acknowledgment

We acknowledge that this event takes place on the traditional and ancestral lands of the Kumeyaay people, whose stewardship of this region continues today.

APWA Sustainability Committee

MISSION STATEMENT

CONNECT PUBLIC WORKS PROFESSIONALS INTERESTED IN SUSTAINABILITY AND SHARE BEST PRACTICES TO ADVANCE A MORE SUSTAINABLE FUTURE FOR ALL.









APWA SAN DIEGO
SUSTAINABILITY COMMITTEE
INVITES YOU TO

SAN
Terminal 1 & Landside Project

SUSTAINABILITY TOUR



LEED® • Envision® • Parksmart®
Sustainability in Action

See sustainable design in action at San Diego International Airport.

- Stormwater Capture & Reuse
- EV Chargers / Parking Plaza
- Battery Storage
- T1 and Future Expansion

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INTERNATIONAL AIRPORT

San Diego International Airport Development and Sustainability

Presented to APWA Sustainability Committee

October 2, 2026

Presented by:

Planning, Noise, & Environment



New T1 Overall Project Scope



- Terminal & Roadways
- Airside Improvements
- Administration Building
- Future Transit Station

New T1 Features

More than 1 million square feet of terminal space

Outdoor seating terrace overlooking San Diego Bay

Children's play area

Expansive Security Checkpoints

19 New Restaurants and Shops

New On-Airport Roadway

Parking structure

Lounge/Clubs



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New T1 Sustainability Features



Air Quality

EV charging infrastructure

Stormwater capture and reuse system

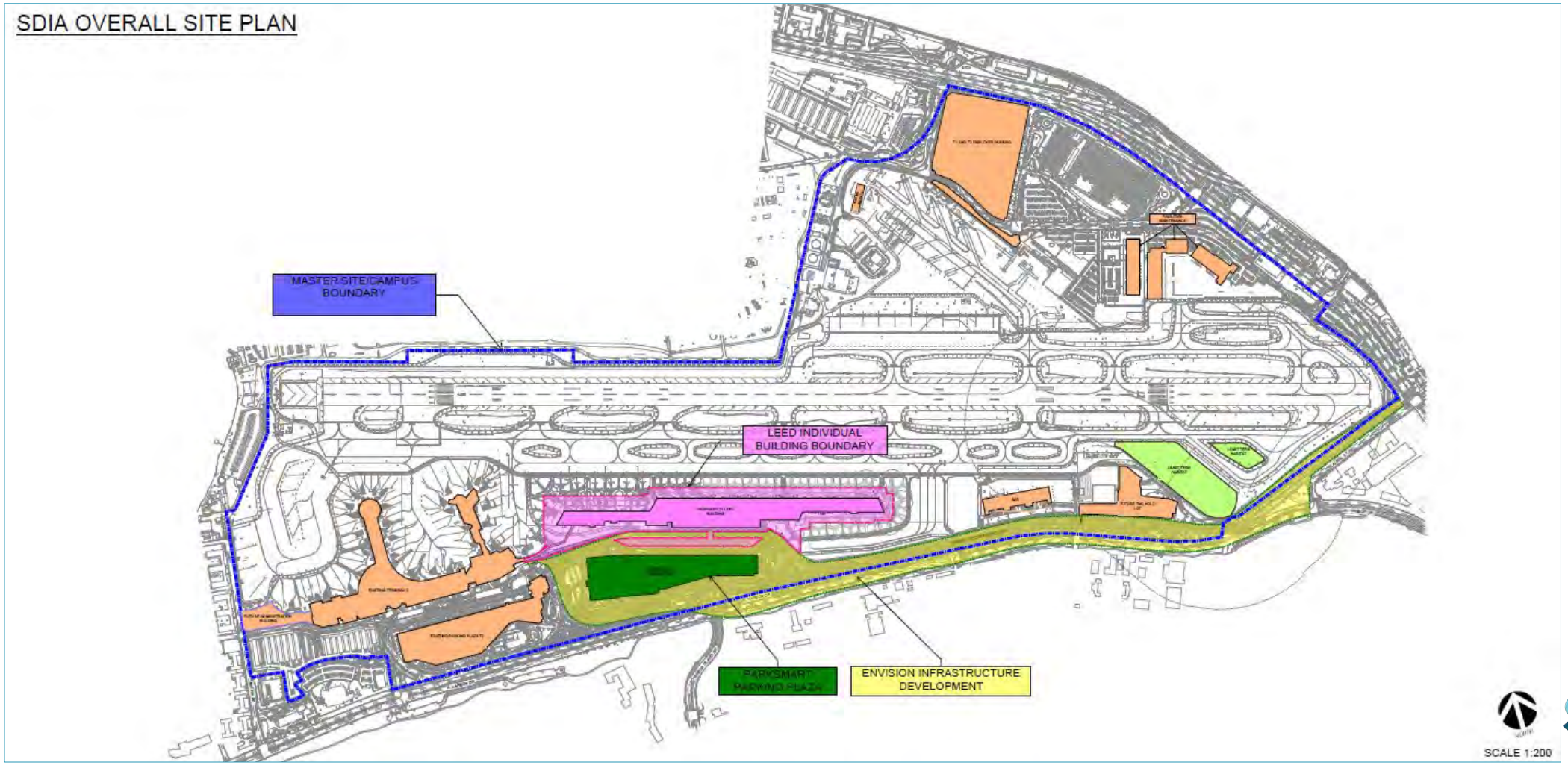
Transit Access

Certifications

Solar Efficiency

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Triple Crown: LEED, Envision, Parksmart

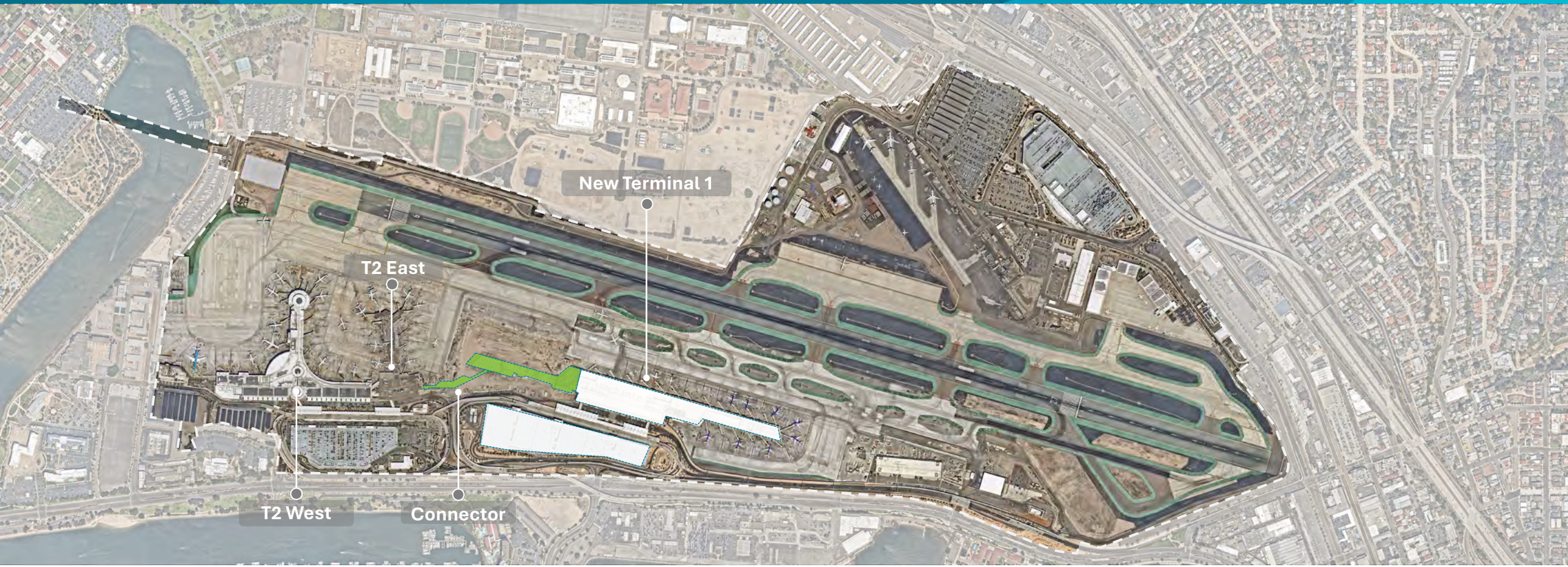


ENVISION™

Parksmart™

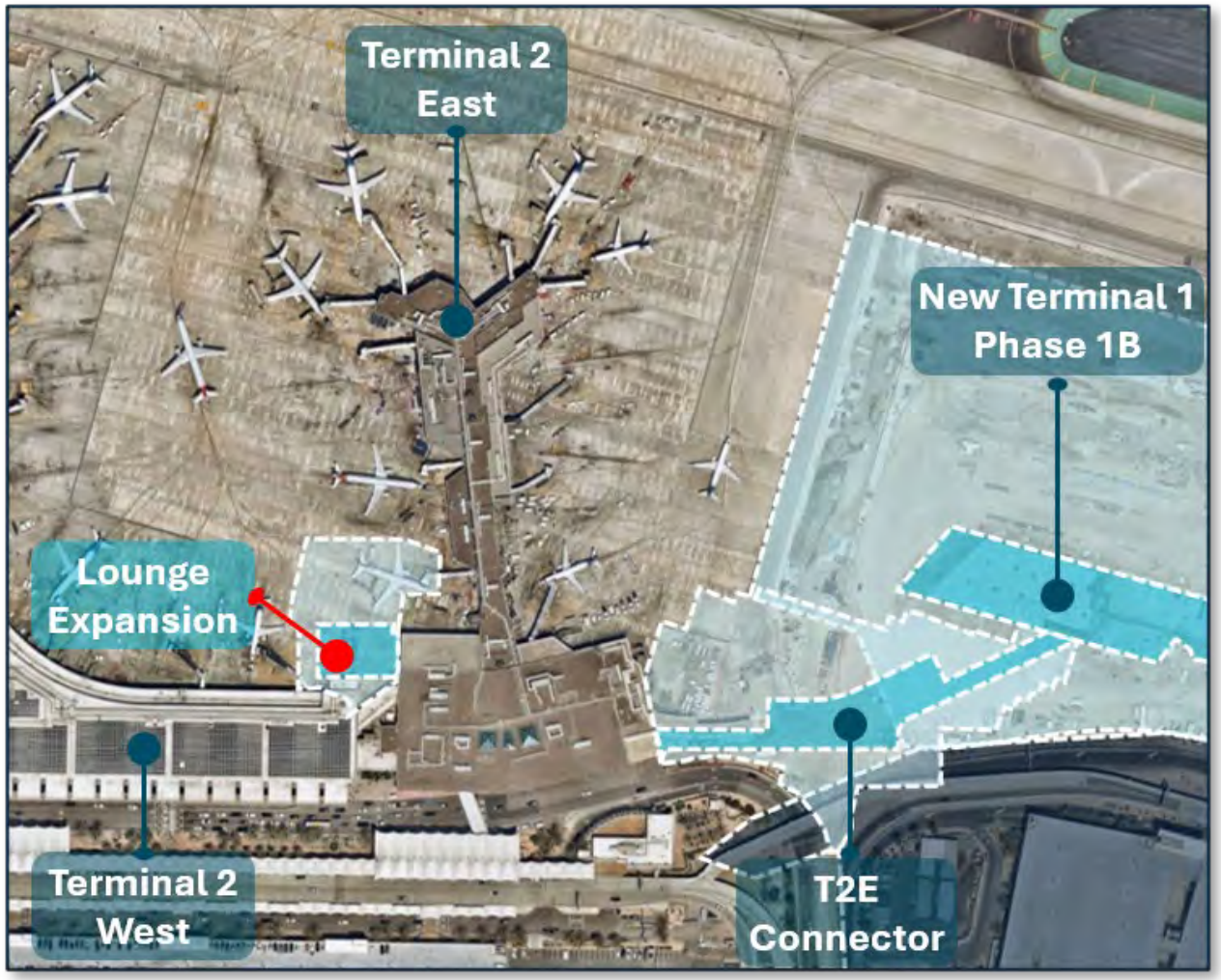
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Overview - Airport Campus



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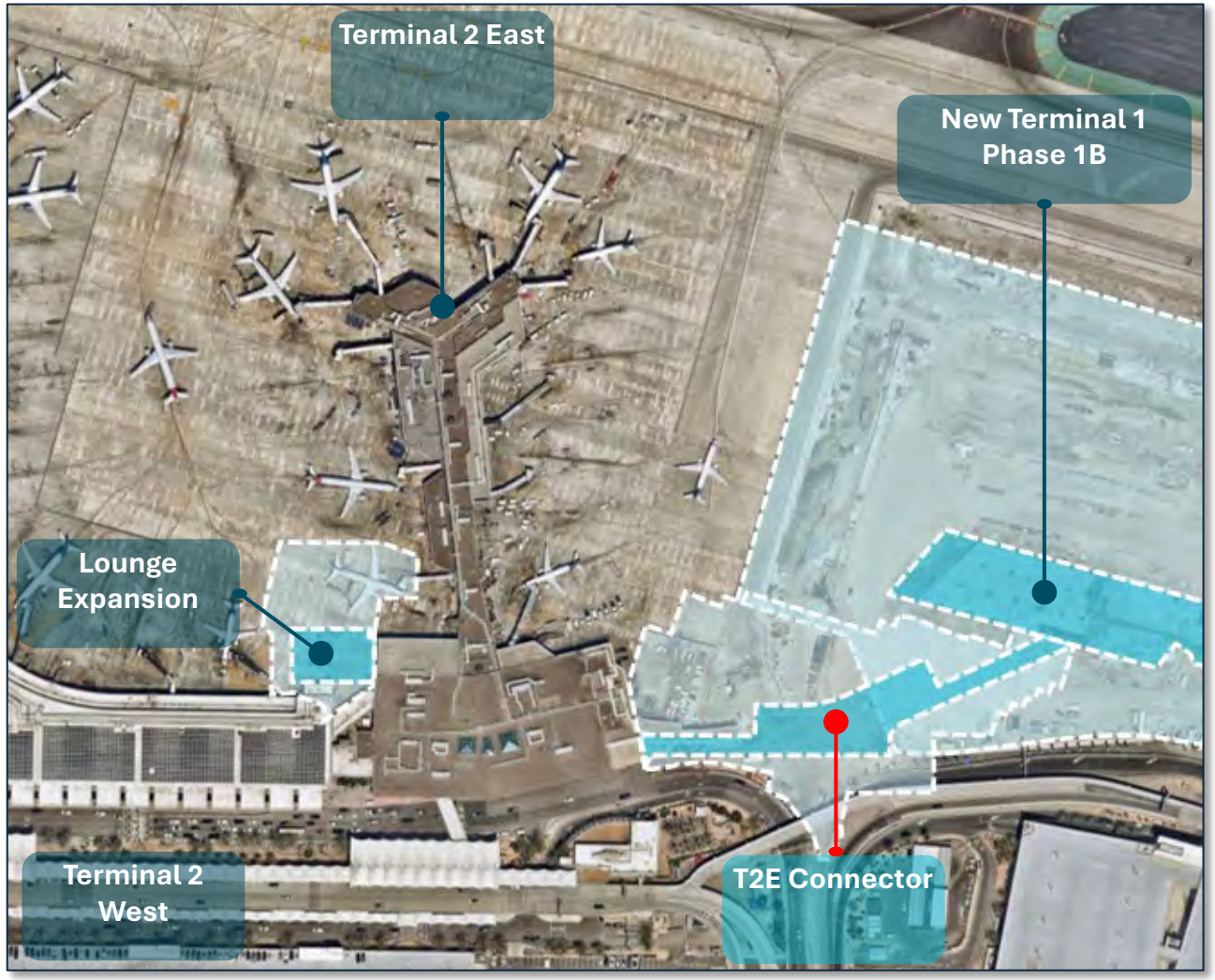
T2E Lounge Expansion





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T2E-NT1 Connector











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Taxiway Alpha (A) Extension



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Terminal 2 East Modernization - Components



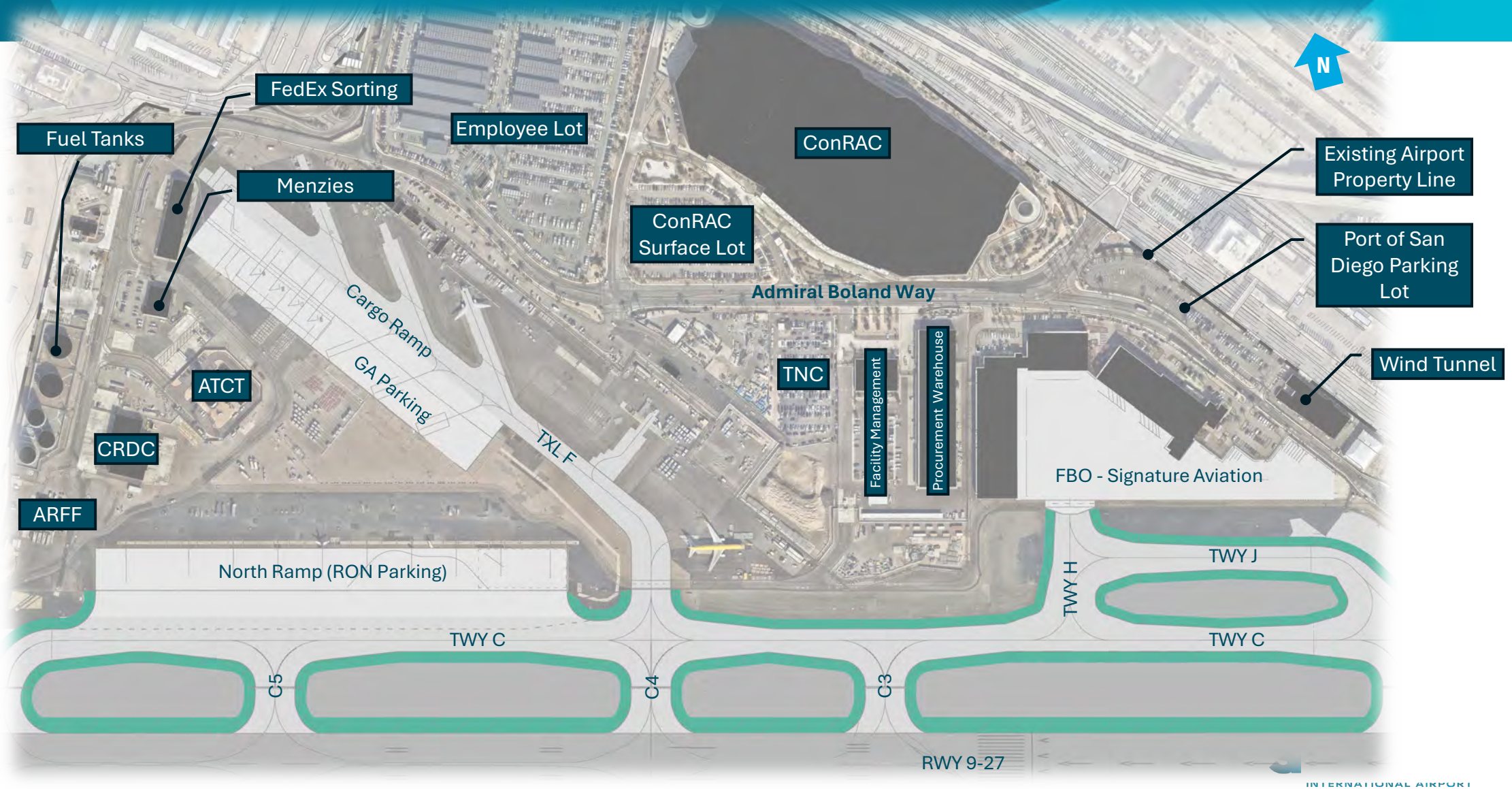
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Future Efforts

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Existing Northside Facilities



Sustainability Initiatives

Sustainability Management Program



7 SMP Plans



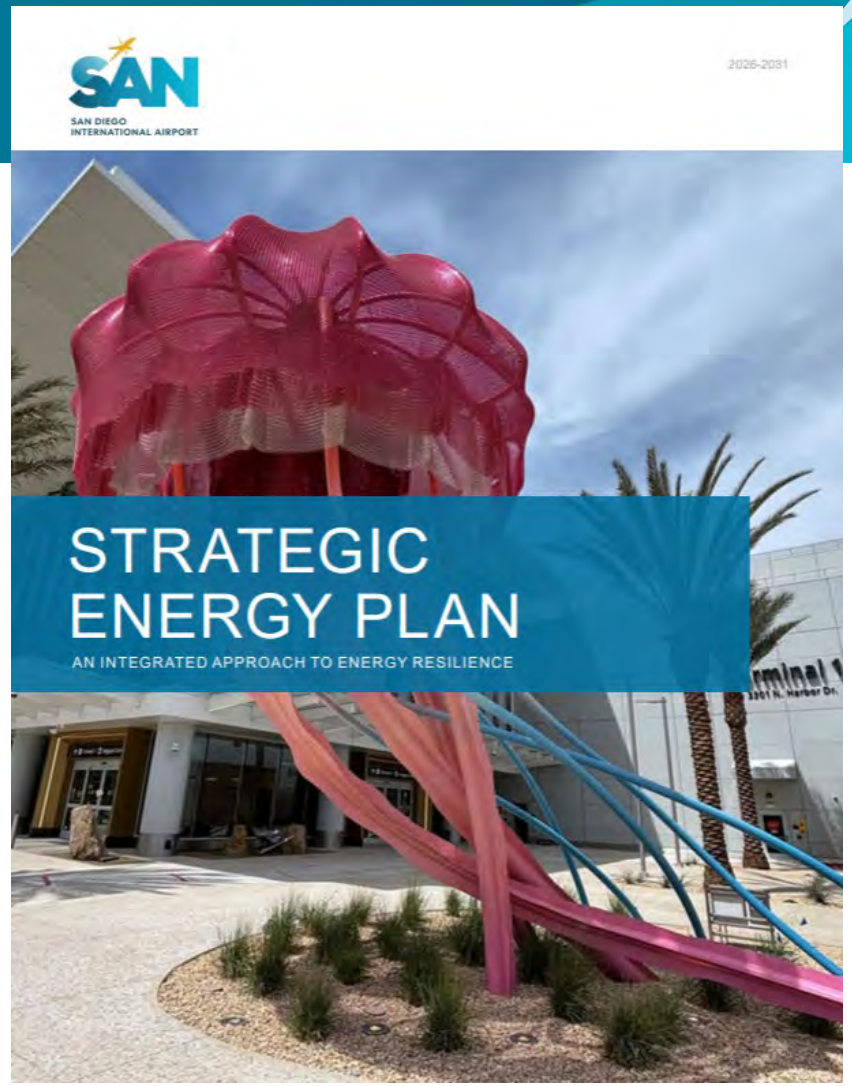
Strategic Energy Plan (STEP)

Purpose:

- Align energy planning with airport growth, resilience, and sustainability goals.

Key Theme:

- Managing a more complex energy system in an increasingly electrified future.



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Major STEP Updates

Biggest Strategic Shift: Energy Resilience

- 2030: Develop an airport microgrid capable of coordinating existing energy assets
- 2035: Maintain critical airport operations for up to 4 hours during regional outage

Typical Airport



- Multiple utility meters
- Private/separate grids
- No on-site storage
- No/limited on-site solar

SAN Airport



- Consolidated campus grid
- Existing central controls
- On-site storage
- Significant solar

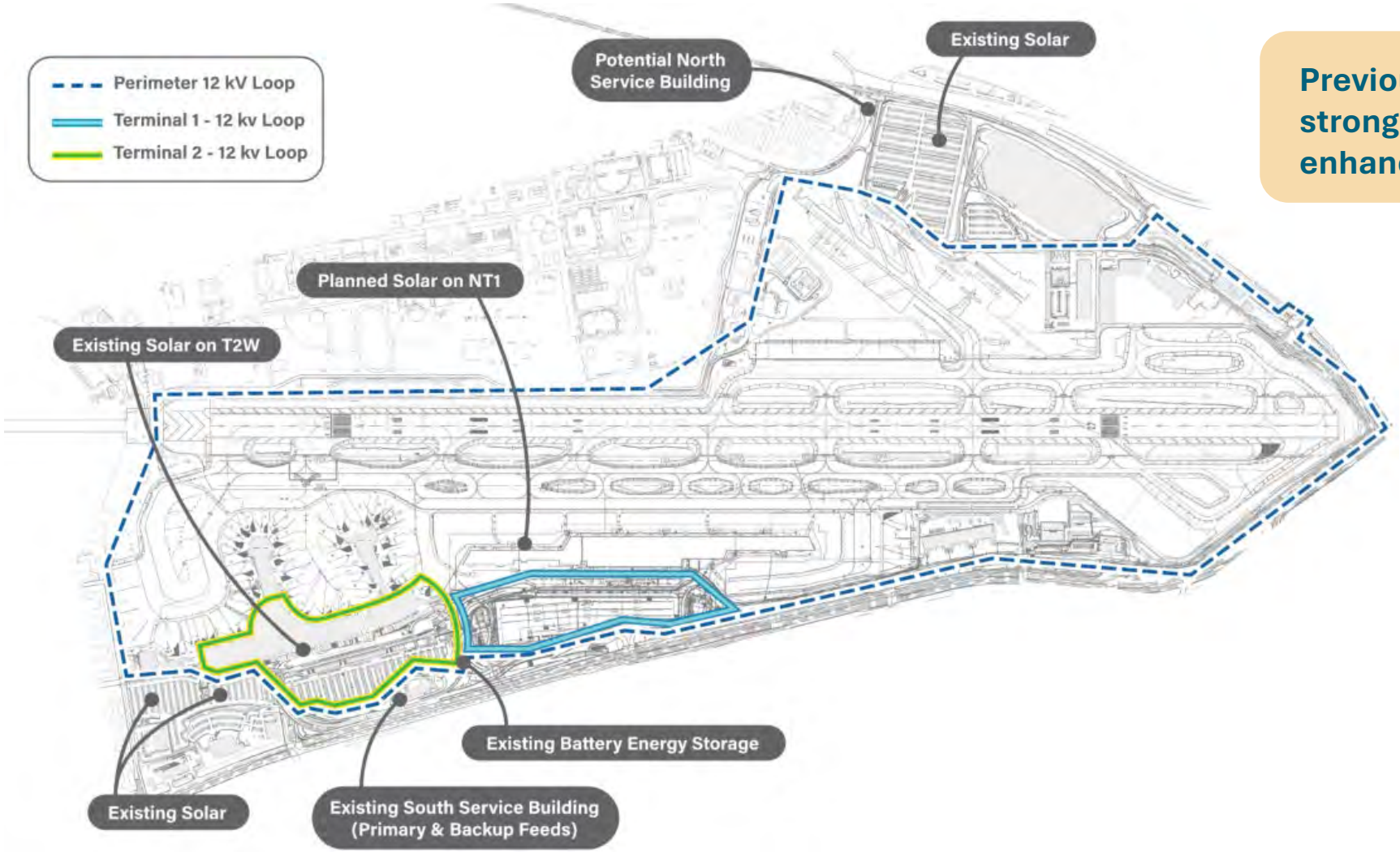
Advanced/Smart Airport



- Advanced microgrid controller
- Load shedding capability
- Islanding capability
- Diverse deployable generation

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Resilience Infrastructure at SAN

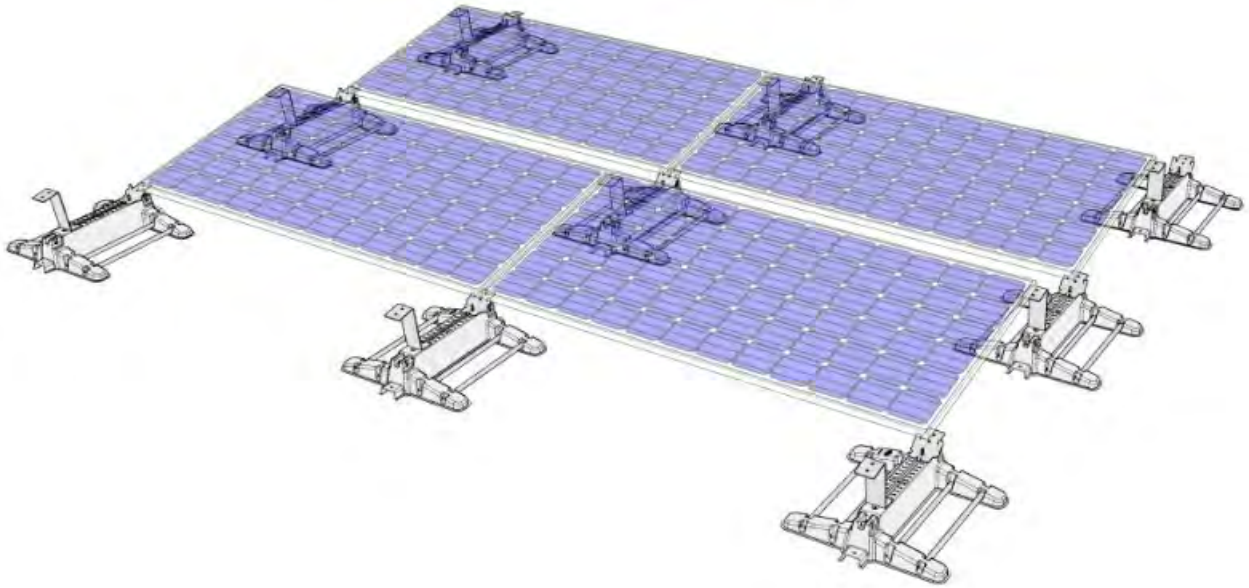


Previous investments provide a strong foundation for resilience enhancements.

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Solar Installation NT1

- Installation of 4MW of photovoltaic (PV) for roof of NT1 using a Power Purchase Agreement (PPA)
- Install 2MW/4MWh battery energy storage system (BESS) – FY28
- Milestones (PV only):
  - Board Award: Dec. 2025
  - Design Start: Feb. 2026
  - Construction Start: Sept. 2026
  - Completion: Early 2027



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AmpCart Electric



- 3 towable multi-port charging modules
- 24 charging ports with integrated battery storage
- Awarded funds through FAA grant
- 100% electric solution for the current gap in eGSE charging for cargo carriers

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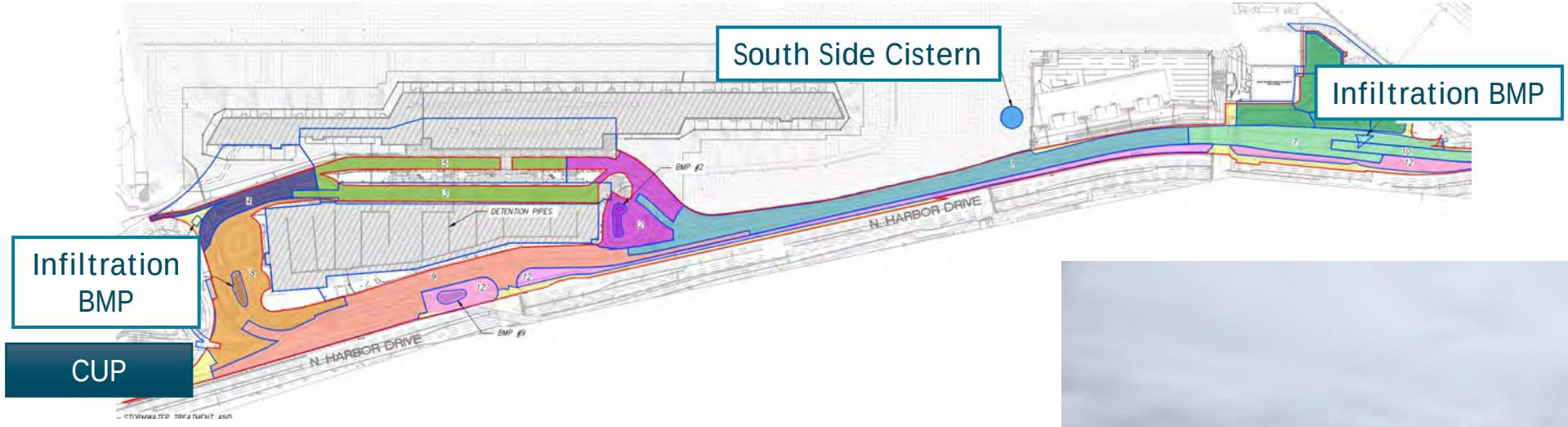
AmpCart Electric





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Innovative Water Stewardship



- 100% of NT1 areas draining to stormwater capture systems!
- 1Million Gallon Cistern
- Dual plumbed terminal for reuse
- In total: 280 acres (42%) of the airport drain to biofiltration, infiltration, capture/reuse



2025 SAN Stewardship Report

- Annual report highlighting SAN's environmental, social, and economic performance.
- SAN Stewardship Report: Responsibility, Accountability, and Resiliency.
- The 2025 report is available at: https://www.san.org/green/stewardship/



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Thank you!

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