

West Field Cargo Building 626

Clark | SCB | CDA | HPA

Contract number 11918.66

SFAC CDRC PHASE 3: Construction Documents



What has changed

- Vertical Vision Glass Slot added to Polycarbonate at Warehouse North Elevation
- Exterior Lighting Scheme at Truck Court

Surrounding Context

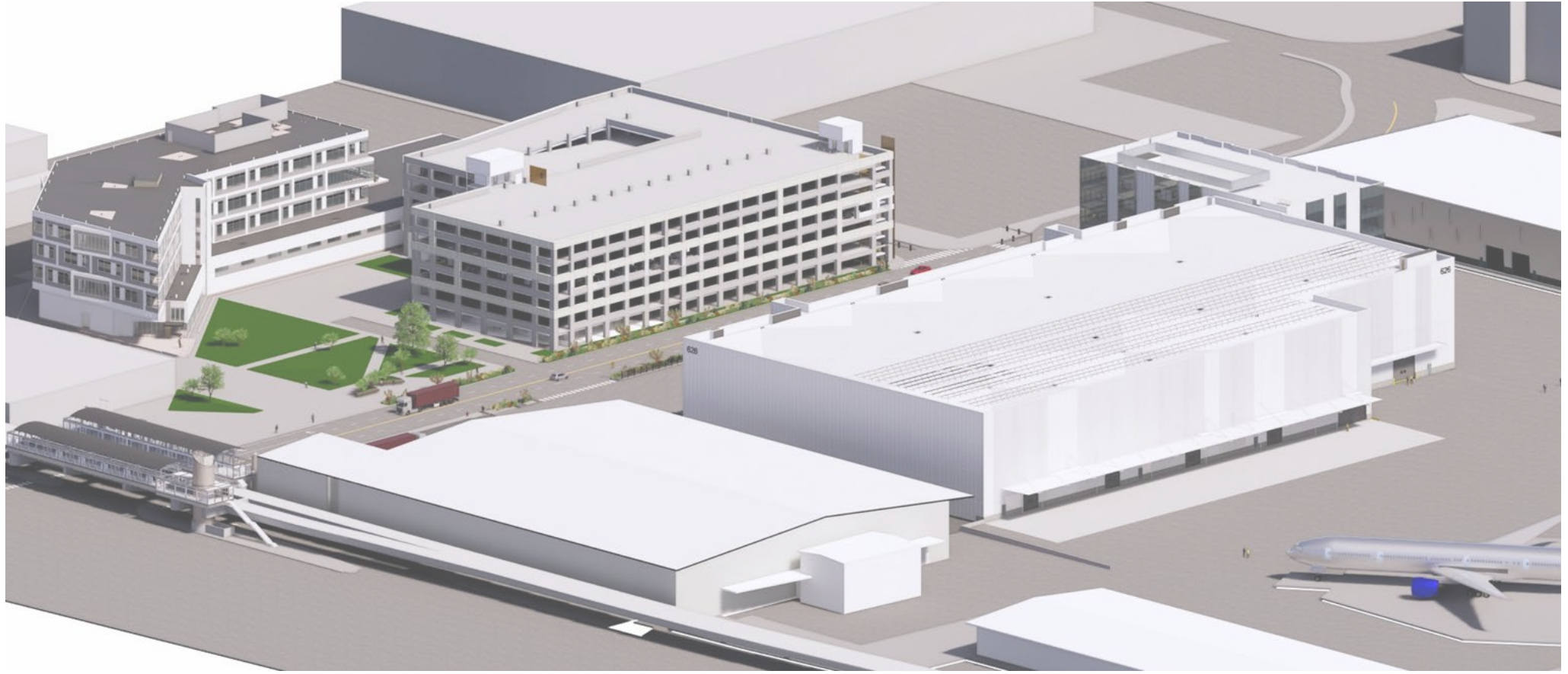
Campus Development - Site Plan



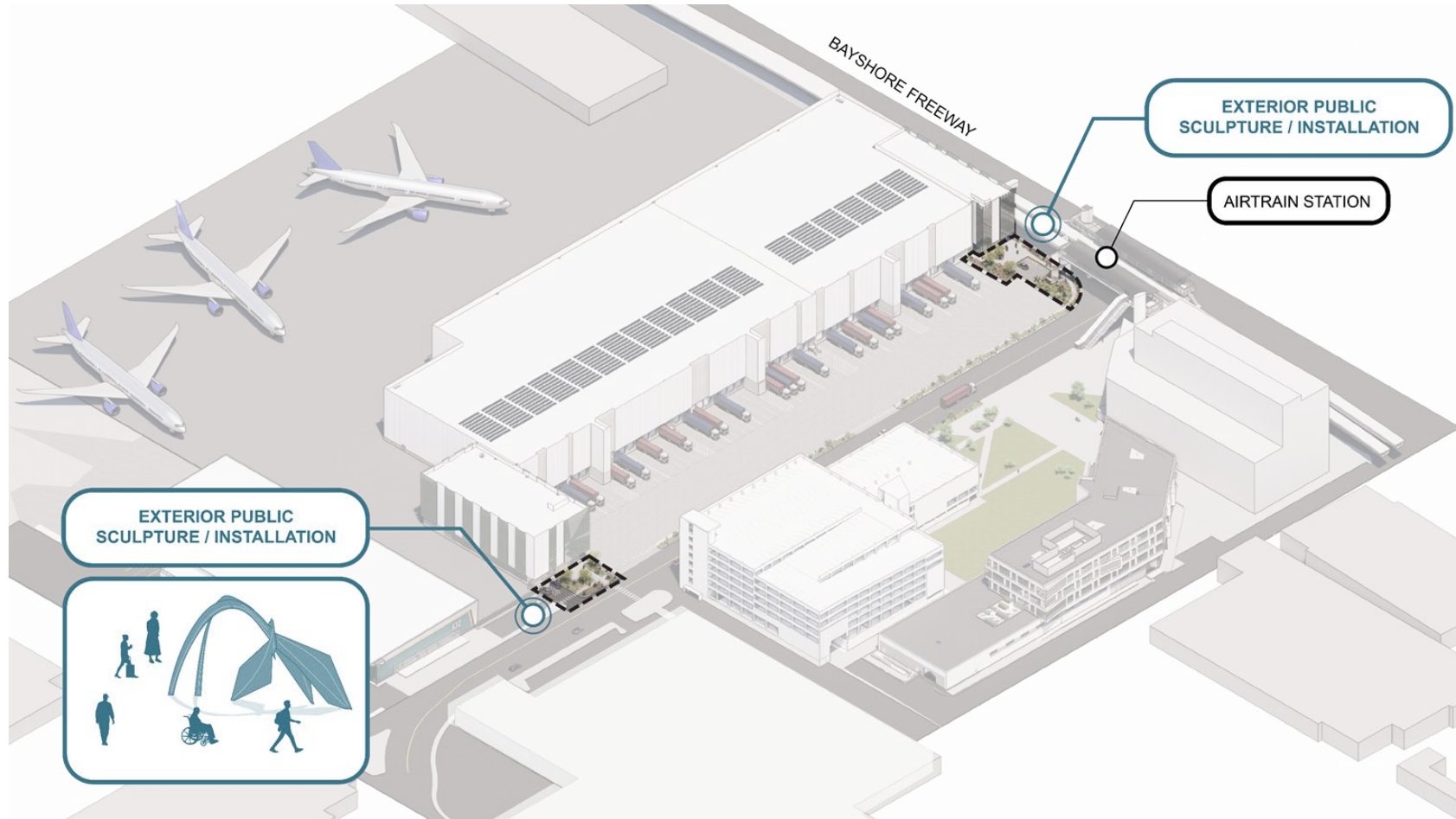
Aerial View – from Northwest



Aerial View – from Southwest



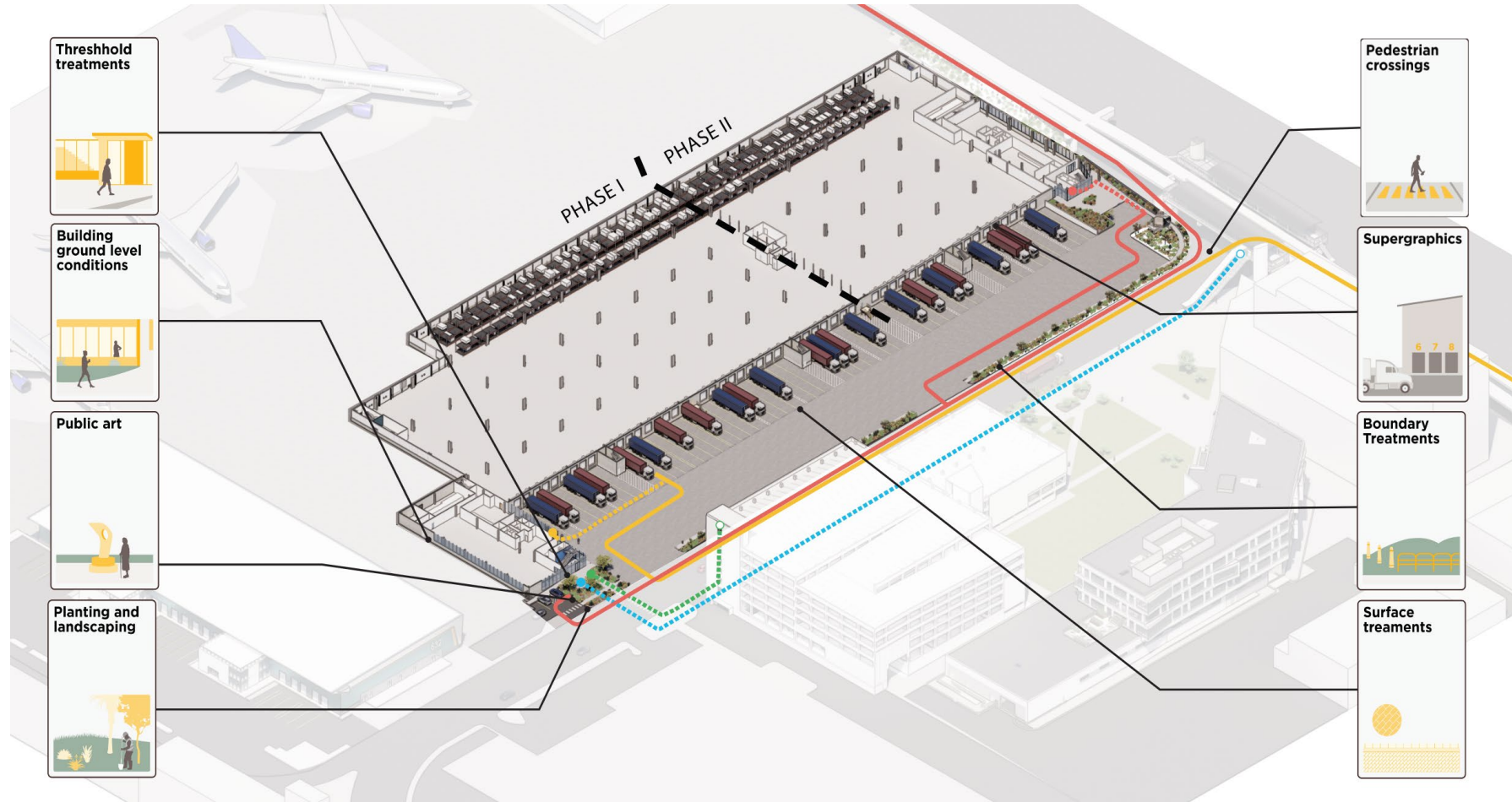
Public Art – Location Proposal



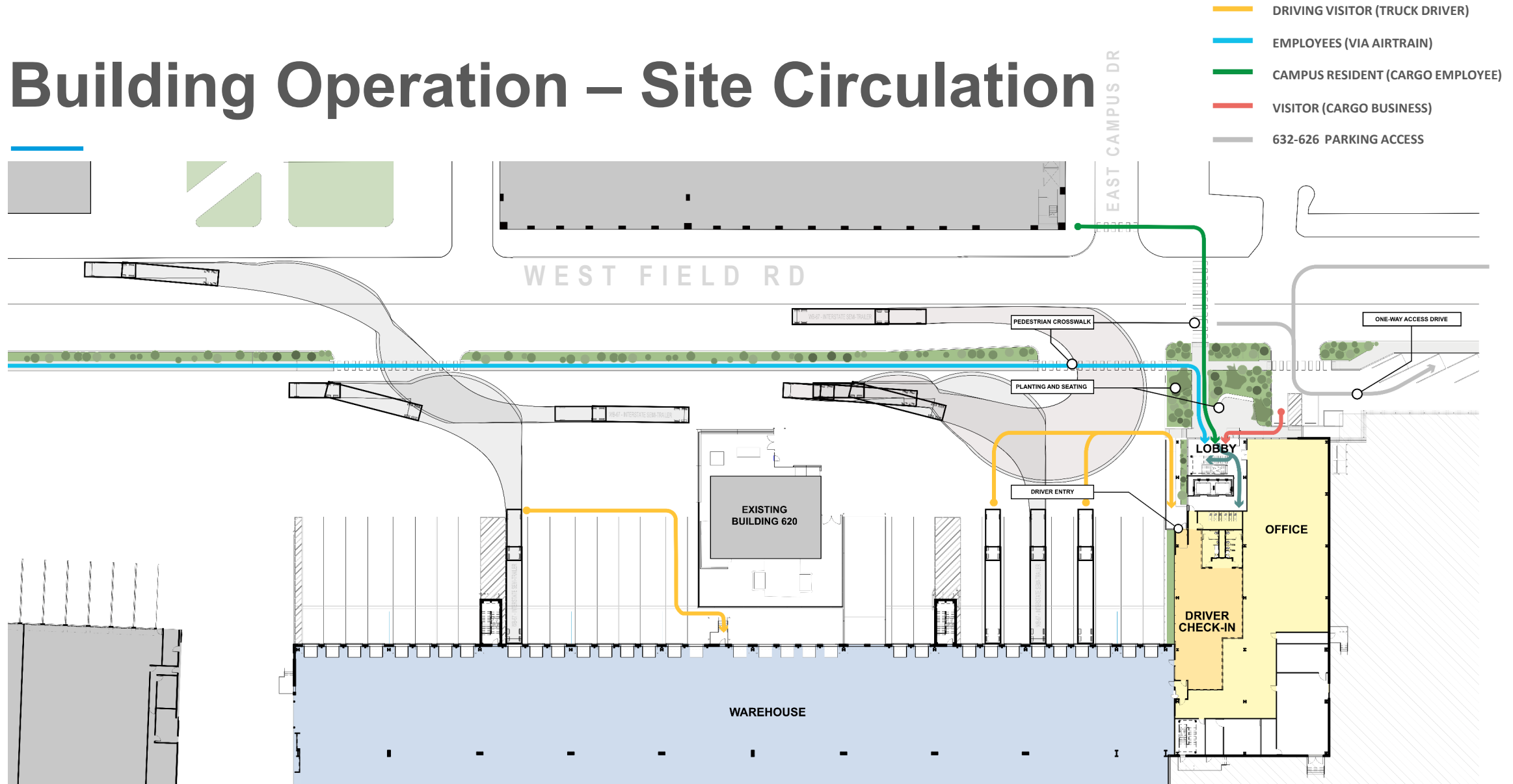
Meander Wings, Marc Fornes (2021)
Austin International Airport Parking

Design Overview & Building Program

Building Operation - User Experience



Building Operation – Site Circulation



Massing – Phase I + II

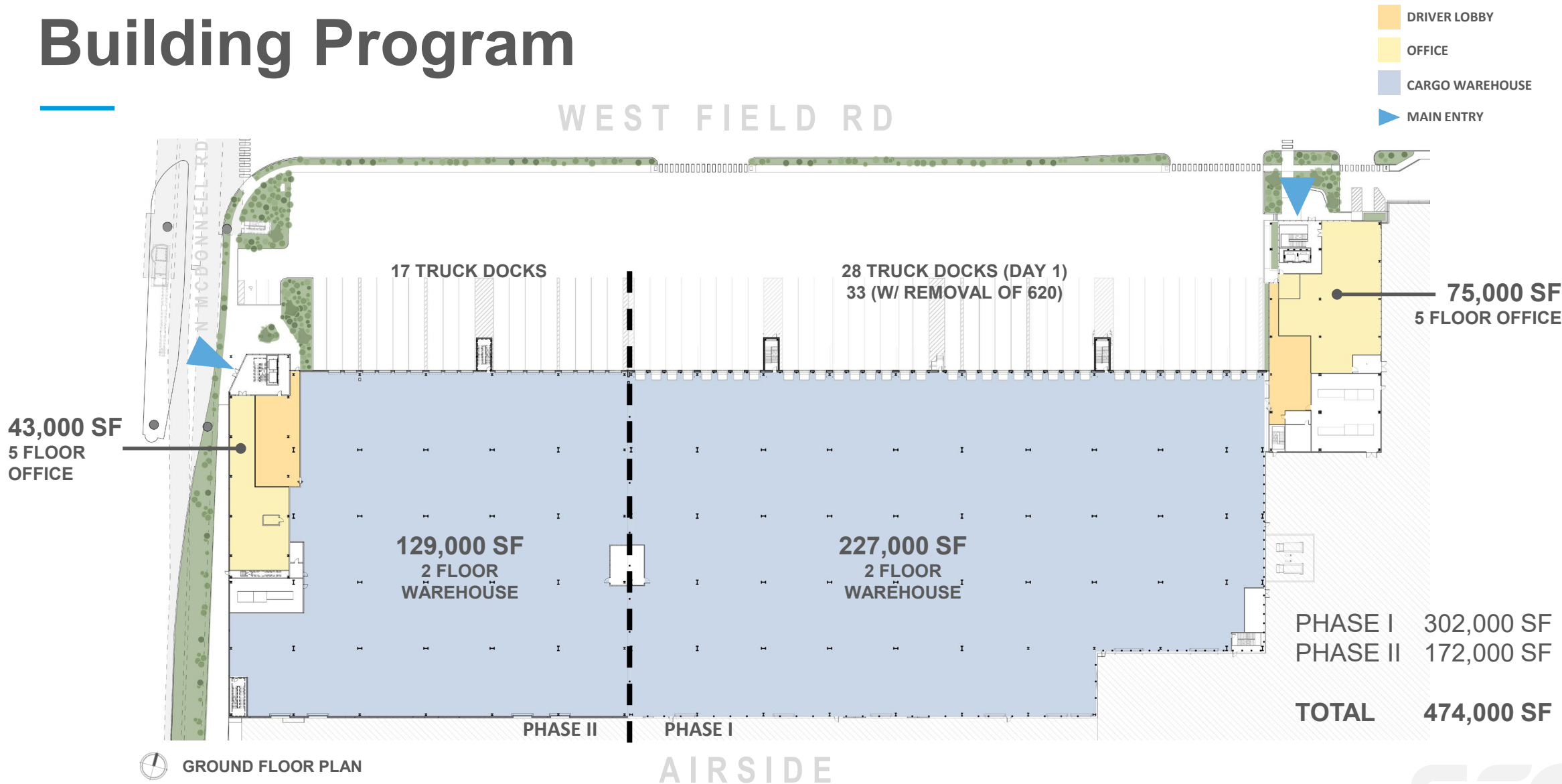


PHASE I

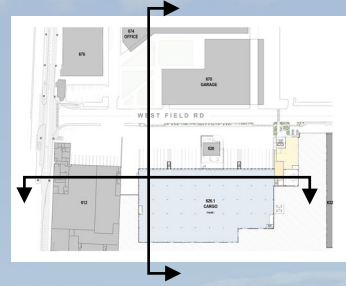


PHASE I + II

Building Program



Building Sections – Phase I



Cargo 632

Office

Cargo Warehouse

Cargo 612



Office 674

WF Garage 670

West Field Road

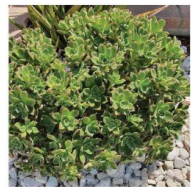
Cargo 626

T.O. Parapet
72' - 7"

Entry Experience – Landscape



SENECIO MANDRALISCAE
BLUE CHALKSTICKS
EX LW



AEONIUM SP.
AEONIUMS
WM EX LW



ECHEVERIA AGAVOIDES 'LIPSTICK'
LIPSTICK ECHEVERIA
EX LW



CRASSULA PERFOLIATA VAR. FALCATA
PROPELLER PLANT
EX LW



AGAVE 'BLUE GLOW'
BLUE GLOW AGAVE
EX LW



AGAVE PARRYI TRUNCATA
ARTICHOKE AGAVE
EX LW



ALOE SPINOSISSIMA
SPIDER ALOE
WM EX LW



BACCHARIS 'TWIN PEAKS'
DWARF COYOTE BRUSH
WM LW CA



LOMANDRA LONGIFOLIA 'BREEZE'
DWARF MAT RUSH
WM EX LW



CORREA 'CARMINE BELLS'
AUSTRALIAN FUCHSIA
WM LW



HESPERALOE PARVIFLORA
RED YUCCA
EX LW



AGAVE ANGUSTIFOLIA 'MARGINATA'
VARIEGATED CARIBBEAN AGAVE
EX LW



AGAVE ATTENUATA
FOXTAIL AGAVE
WM EX LW



ALOE PLICATILIS
FAN ALOE
EX LW



DASYLIRION LONGISSIMUM
MEXICAN GRASS TREE
WM EX LW



CEANOTHUS 'DARK STAR'
CALIFORNIA LILAC
WM LW CA



ALOE FEROX
CAPE ALOE
WM LW



LEUCOSPERMUM 'HIGH GOLD'
HIGH GOLD PINCUSHION
EX LW

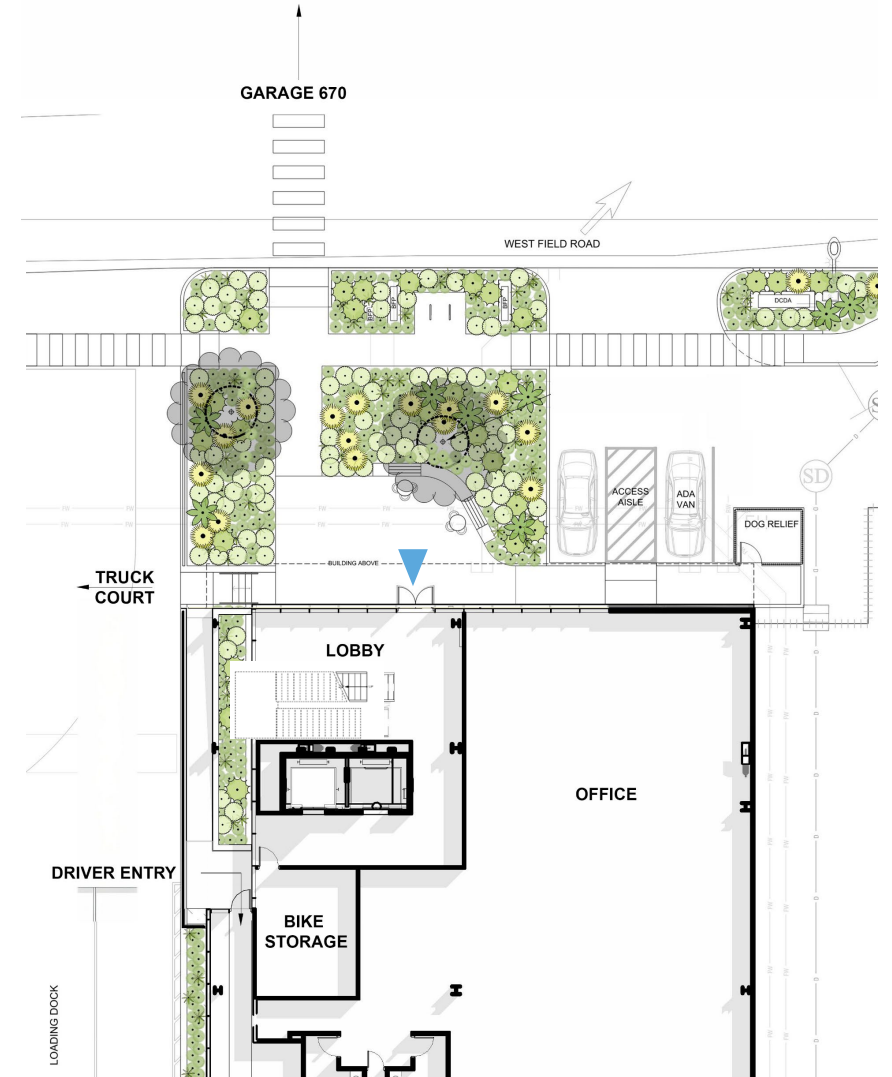


CORDYLINAE AUSTRALIS
CABBAGE PALM
WM EX LW

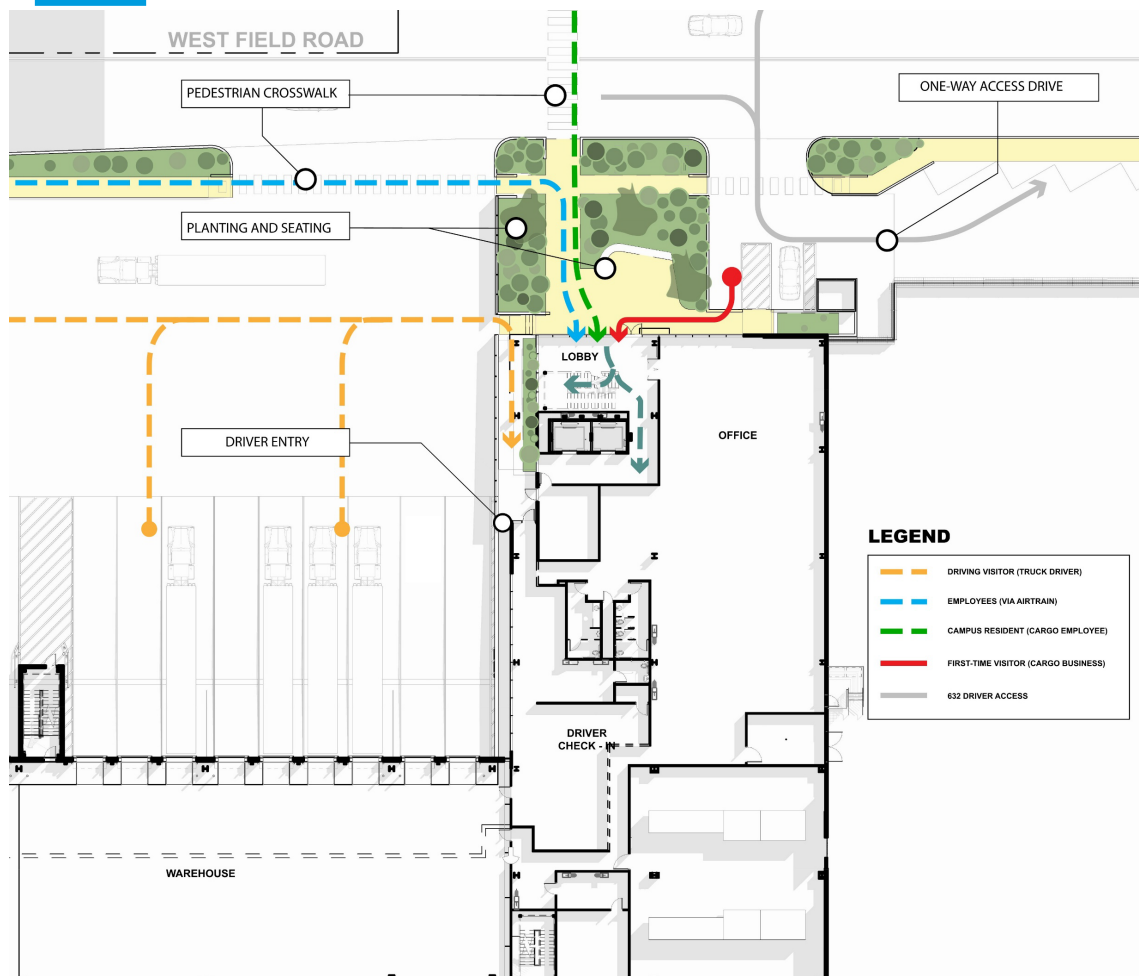


ARBUTUS 'MARINA'
MARINA STRAWBERRY TREE
WM LW

KEY
WM SFO Wildlife Hazard Mitigation Plan
Approved Plant List
EX Currently Exists on SFO Campus
LW Low or Very Low Water Plant
(WUCOLS)
CA California Native



Entry Experience – Lobby



Entry Experience – Lobby





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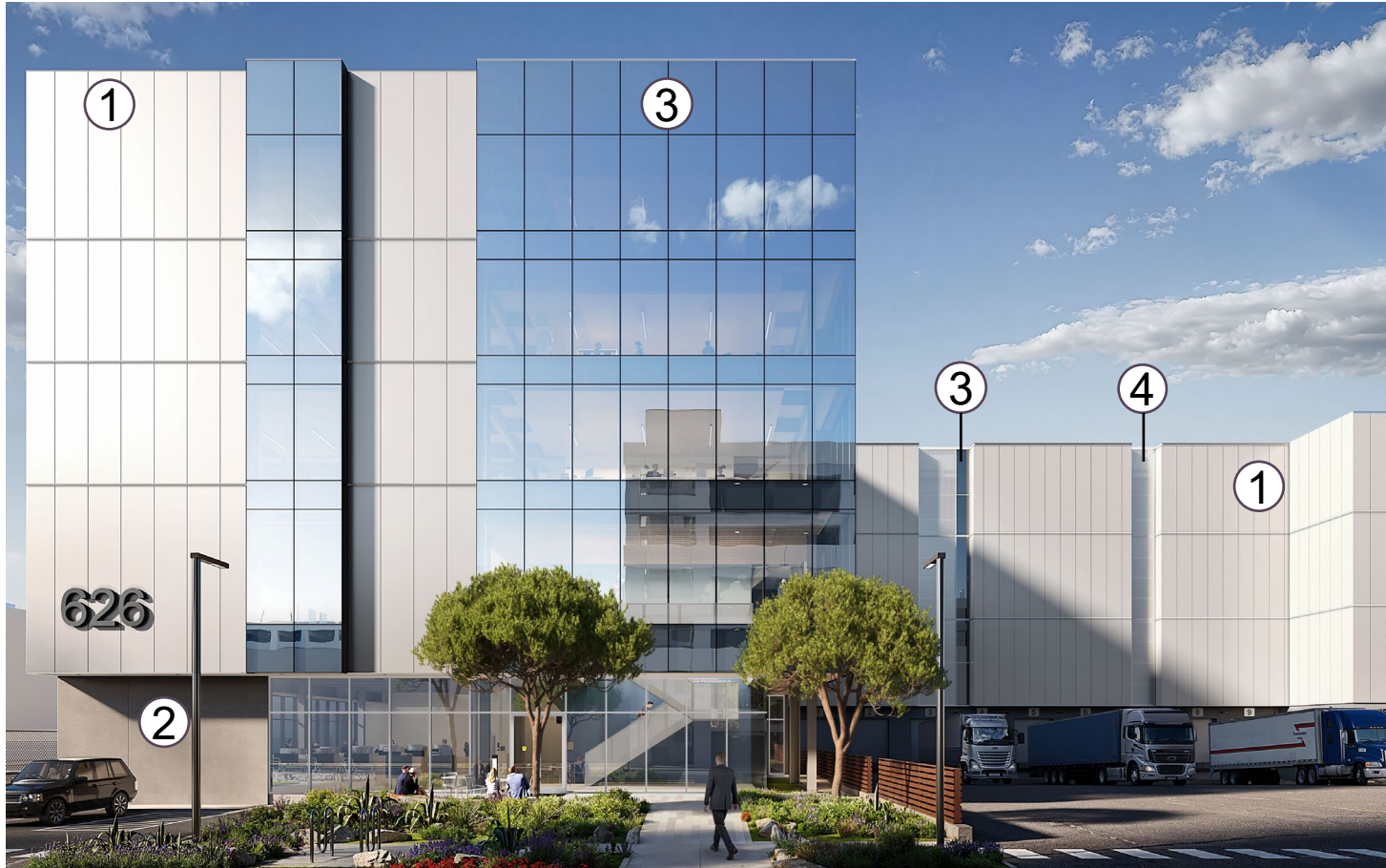
PHASE 2 RENDERING



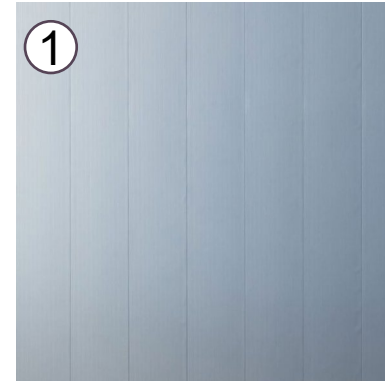
626

Material Strategy

Exterior Materiality



INSULATED METAL PANEL



SITE CAST CONCRETE



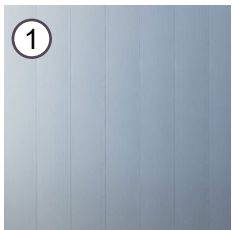
GLAZING



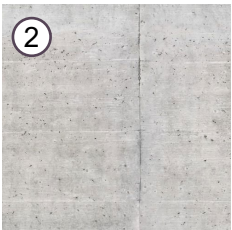
POLYCARBONATE



Material – Office



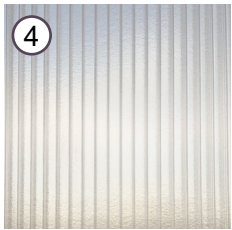
INSULATED METAL PANEL



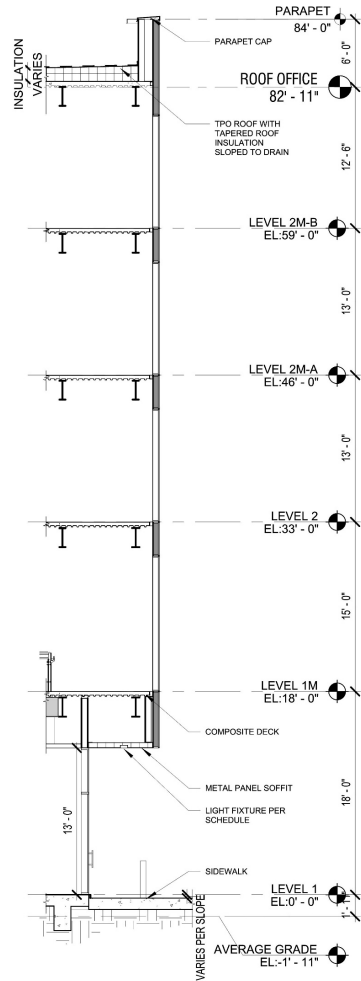
SITE CAST CONCRETE



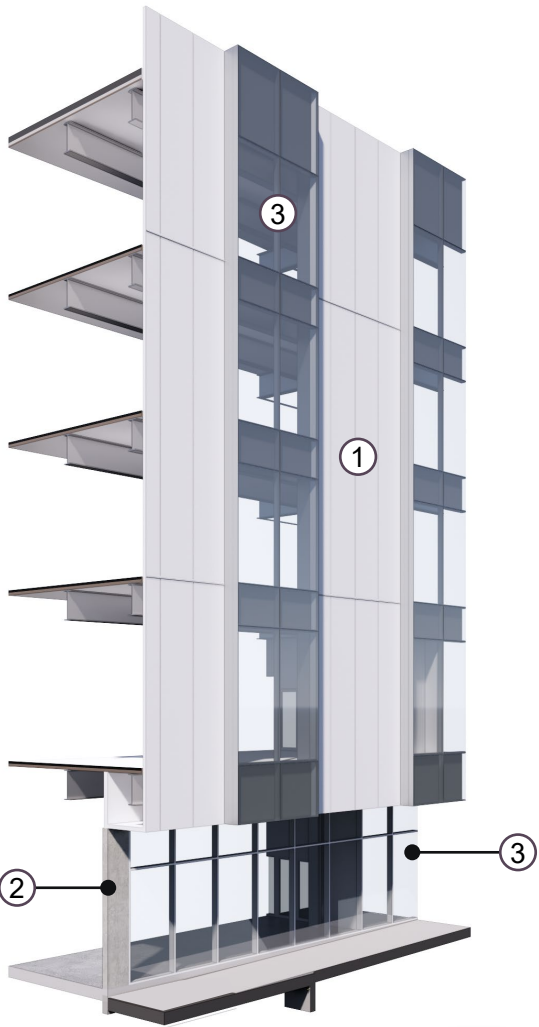
GLAZING



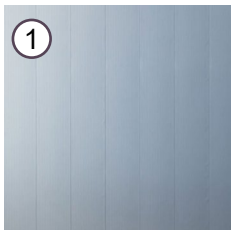
POLYCARBONATE



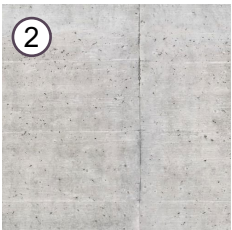
NORTH - WALL SECTION @OFFICE



Material – Warehouse



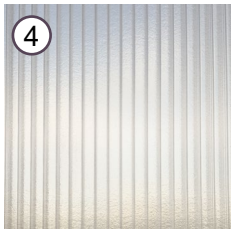
INSULATED METAL PANEL



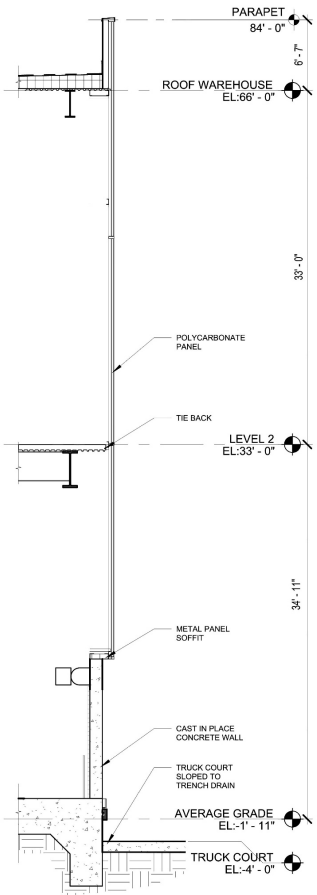
SITE CAST CONCRETE



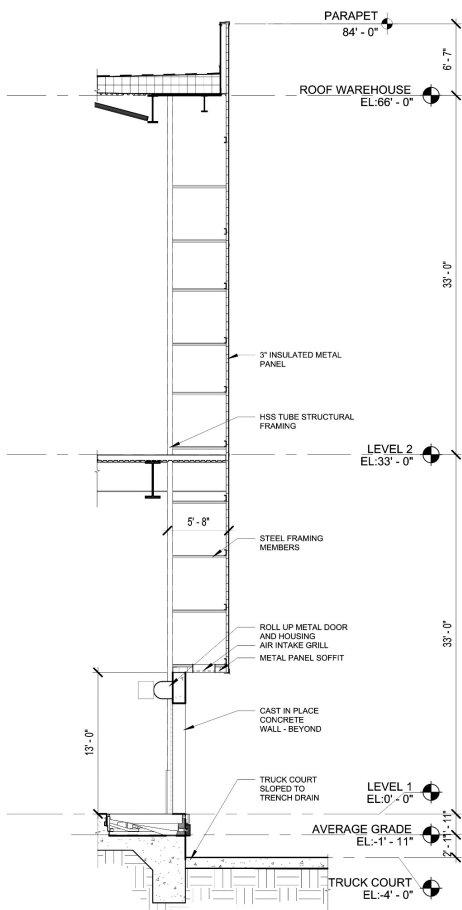
GLAZING



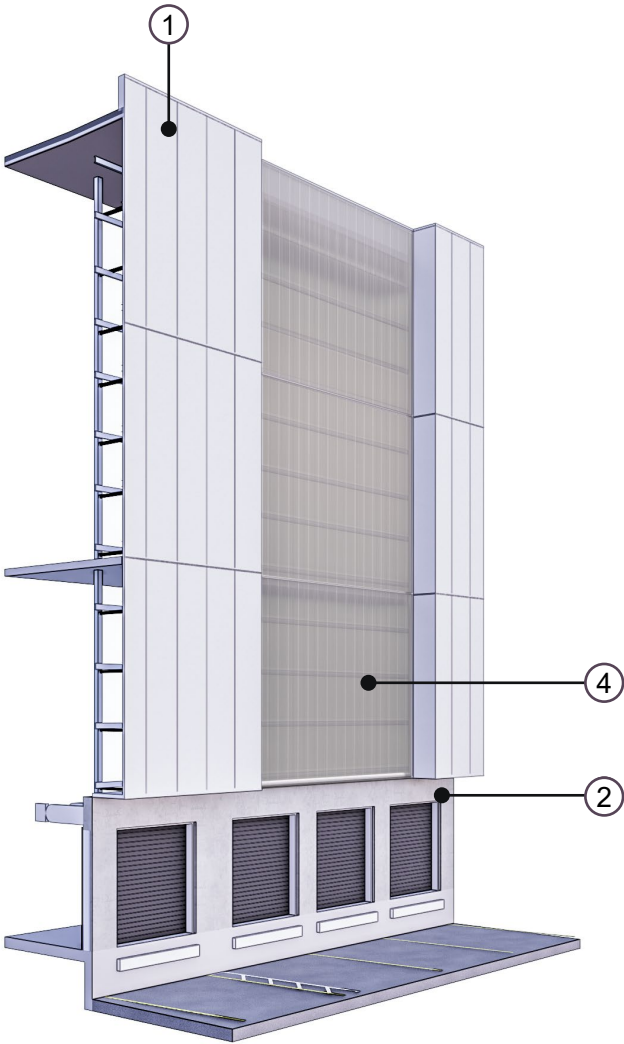
POLYCARBONATE



NORTH - WALL SECTION
@POLYCARBONATE



NORTH - WALL SECTION
@IMP



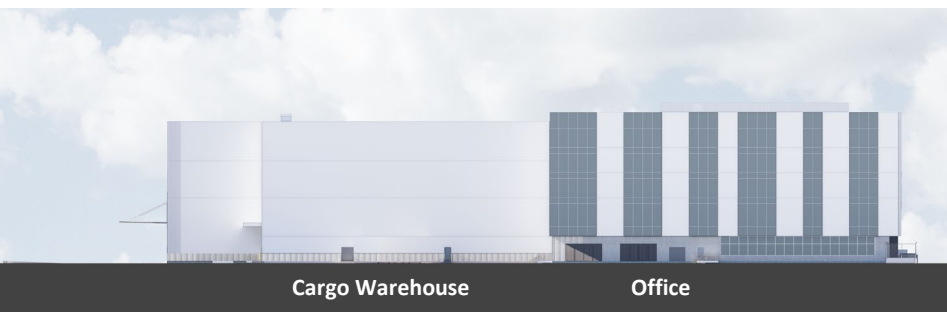
Building Elevations – Phase I



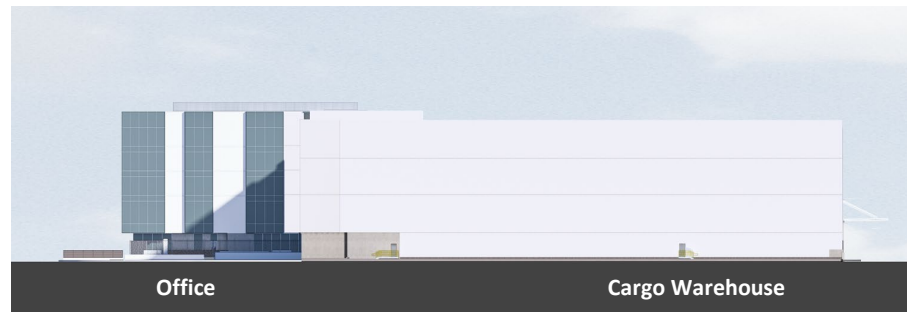
North (Landside) Elevation



South (Airside) Elevation



East Elevation



West Elevation

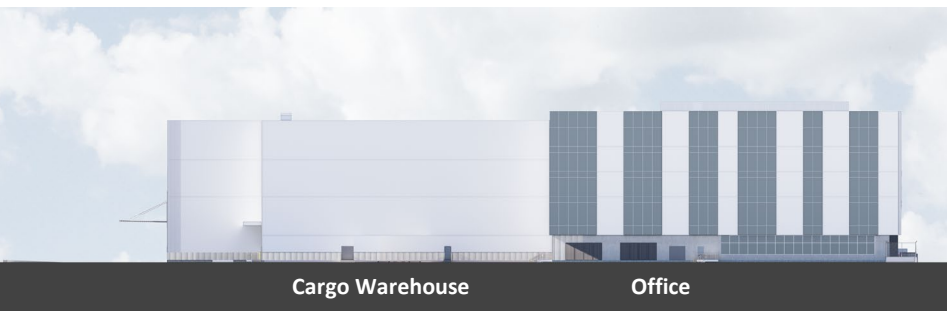
Building Elevations – Phase II



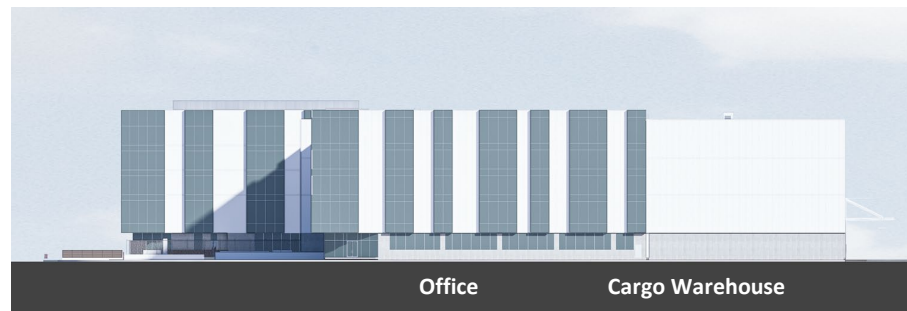
North (Landside) Elevation



South (Airside) Elevation



East Elevation



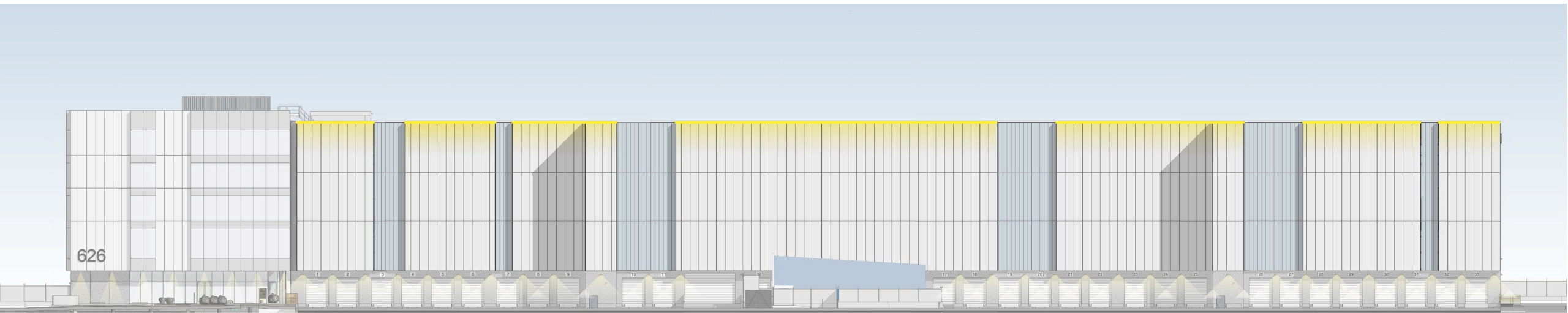
West Elevation



PHASE 2 RENDERING

Truck Court Lighting

North Elevation – Truck Court Lighting







Sustainability Strategy

Sustainability



HUMAN WELLNESS

Daylight

Office daylighting at **67.9%** sDA



ENERGY OPTIMIZATION

Rooftop PV

300 kW PV system to offset approximately **25%** of annual energy demand



PASSIVE ENERGY STRATEGIES

Natural Ventilation

EUI 9.3 kBtu/sf/yr is under the SFO ZNE weighted average target of 12.3



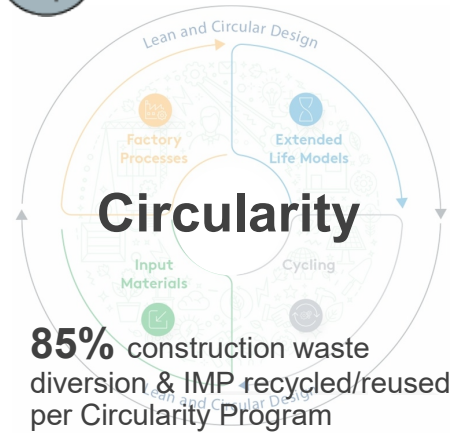
EMBODIED CARBON REDUCTIONS

LEED Gold

15% embodied carbon reduction



SITE



85% construction waste diversion & IMP recycled/reused per Circularity Program

Sustainability – PV Roof Coverage

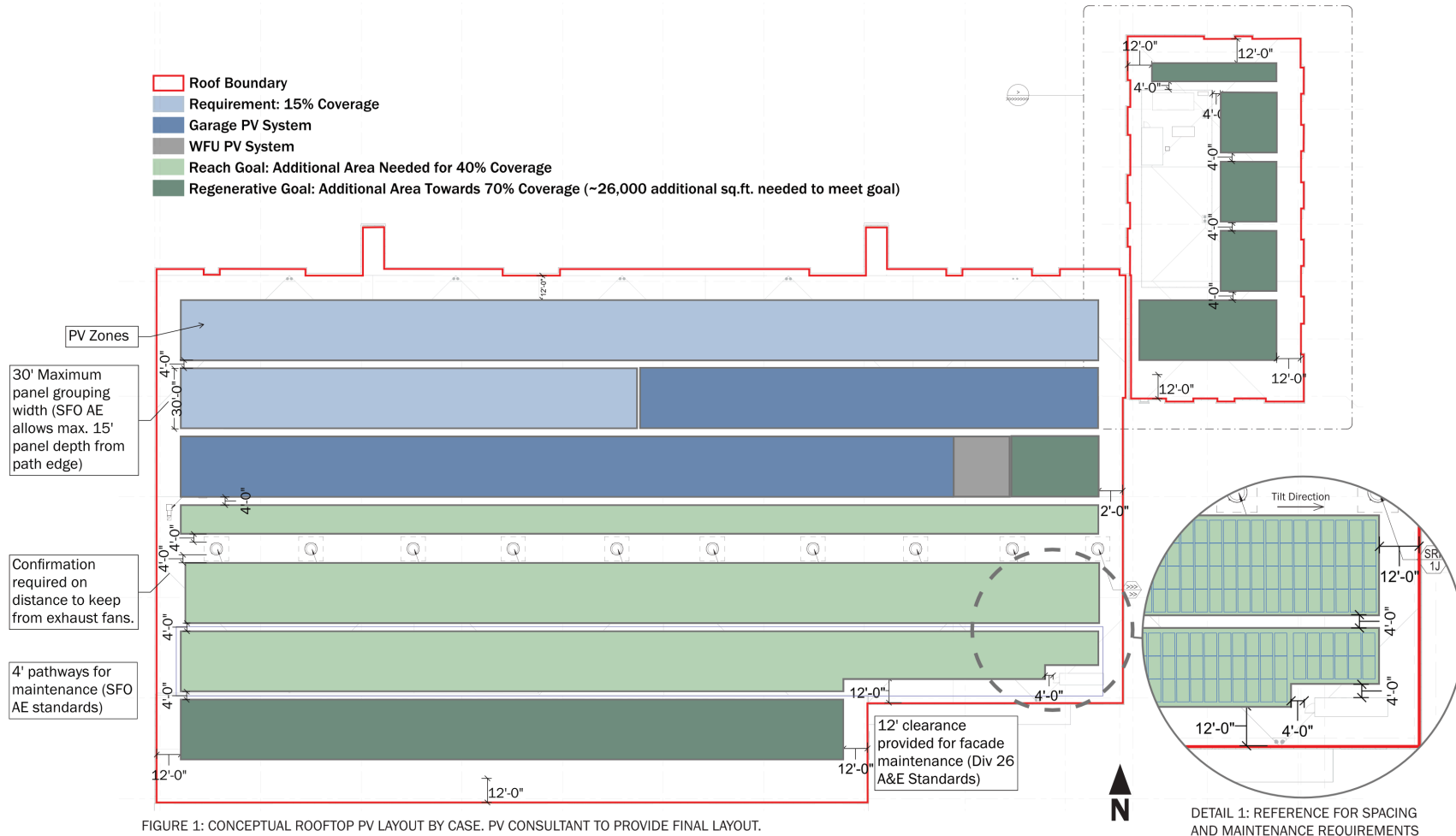


FIGURE 1: CONCEPTUAL ROOFTOP PV LAYOUT BY CASE. PV CONSULTANT TO PROVIDE FINAL LAYOUT.

Generational potential PV coverage is
2,725 MWh per year

Cargo 626
2,286 MWh / 95,598 SF

West Field Garage
423 MWh / 17,708 SF

West Field Utilities
18 MWh / 750 SF





PHASE 2 RENDERING

Thank you