SAN LUIS OBISPO COUNTY AIRPORT (SBP)

BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

PROJECT No.: 1943000-222814.02

SCOPE OF WORK

THE PROJECT WILL CONSIST OF A NEW OUTBOUND BAGGAGE SYSTEM LOCATED AT THE EXISTING OUTBOUND BAGGAGE AREA ON THE SOUTHWEST SIDE OF THE TERMINAL BUILDING. THIS PROJECT INCLUDE CONSTRUCTION OF A TEMPORARY OUTBOUND BAGGAGE SYSTEM. REMOVAL OF THE EXISTING OUTBOUND BAGGAGE SYSTEM, AND CONSTRUCTION OF A NEW TENSILE STRUCTURE COVERING 2,839 SF, A DETACHED METAL CANOPY COVERING AN AREA OF 3,027 SF AND NEW OUTBOUND BAGGAGE SYSTEM. THE SITE IMPROVEMENTS WILL CONSIST OF FOUNDATION EXCAVATION, PAVEMENT REMOVAL, WATER LINE INSTALLATION, COMMUNICATION LINE INSTALLATION, STORM DRAIN ADJUSTMENTS AND IMPROVEMENTS, FOUNDATION CONSTRUCTION, SITE GRADING, AND PAVEMENT CONSTRUCTION. THE TOTAL CUT VOLUME CONSISTS OF 274.94 CY AND A FILL VOLUME OF 7.78 CY. THE AREA OF DISTURBANCE IS 0.30 ACRES.

REQUIRED SPECIAL INSPECTIONS

SPECIAL INSPECTIONS FOR VERIFICATION AND INSPECTIONS OF SOILS ARE REQUIRED AS PART OF THIS PROJECT. SEE SHEET S-002 FOR THE STATEMENT OF REQUIRED SPECIAL INSPECTIONS.

VICINITY MAP



LOCAL MAP



SHEET INDEX

GENERAL
G-001 COVER SHEET
G-011 CODE ANALYSIS SCHEDULE
G-021 LIFE SAFETY PLAN
G-031 CAL GREEN CHECKLIST
G-032 CAL GREEN CHECKLIST
G-033 CAL GREEN CHECKLIST
G-101 PHASING PLAN
G-102 PHASING ROOF PLAN

CIVIL
GC-001 GENERAL CIVIL NOTES, LEGEND, AND ABBREVIATIONS
GC-041 SURVEY CONTROL PLAN
GC-081 CONSTRUCTION ACCESS AND STAGING PLAN
GC-082 CONSTRUCTION ACCESS AND STAGING PLAN - PHASE 2
B-051 BORING PLAN
B-052 BORING LOGS
C-021 EROSION CONTROL PLAN
C-051 DEMOLITION PLAN
C-101 CIVIL SITE LAYOUT
C-201 GRADING AND DRAINAGE PLAN
C-251 CROSS SECTION PLAN
C-252 CROSS SECTIONS
C-311 CONSTRUCTION DETAILS
C-401 UTILITY PLAN
C-501 UTILITY DETAILS

STRUCTURAL
S-001 STRUCTURAL NOTES
S-002 STRUCTURAL NOTES
S-101 FOUNDATION PLAN
S-102 CANOPY FOUNDATION AND FRAMING PLAN
S-103 TEMPORARY BAGGAGE BELT COVER FOUNDATION
S-501 FOUNDATION DETAILS
S-502 FOUNDATION DETAILS
S-503 DETAILS

SPRUNG
R24-TITLE.0 TITLE SHEET
R24-367.0 FLOOR PLAN & ELEVATIONS
R24-367.1 COLUMN BASE LAYOUT
R24-367.2 CONCRETE DETAILS
S-1 SECTION & BASE DETAILS
S-2 PURLIN & SPLICE DETAILS
S-3 CABLE BRACE DETAILS
S-4 CABLE BRACE DETAILS
S-5 FLAT END DETAILS
S-6 MEMBRANE, FLAT END, & CONN. DETAILS
S-7 CONNECTOR CORRIDOR DETAILS

ARCHITECTURAL
A-001 NOTES, SYMBOLS & ABBREVIATIONS
A-003 INTERIOR PARTITION TYPES
A-010 ARCHITECTURAL SITE PLAN
AD-100 FIRST FLOOR OVERALL DEMOLITION PLAN
AD-101 FIRST FLOOR DEMOLITION PLAN - AREA A
AD-102 DEMOLITION ELEVATIONS
A-100 FIRST FLOOR OVERALL PLAN
A-101 PARTIAL FIRST FLOOR PLAN
A-110 OVERALL ROOF PLAN
A-111 PARTIAL ROOF PLAN
A-120 OVERALL REFLECTED CEILING PLAN
A-121 PARTIAL REFLECTED CEILING PLAN
A-201 EXTERIOR ELEVATIONS
A-211 INTERIOR BUILDING ELEVATIONS
A-301 BUILDING SECTIONS
A-302 BUILDING SECTIONS
A-501 DETAILS
A-601 DOOR SCHEDULES

FIRE PROTECTION/ALARM
F-001 NOTES, SYMBOLS & ABBREVIATIONS
FD101 FIRST FLOOR FIRE SPRINKLER DEMOLITION PLAN
FD141 FIRST FLOOR FIRE ALARM DEMOLITION PLAN
F-100 FIRST FLOOR OVERALL PLAN
F-102 FIRST FLOOR FIRE SPRINKLER PLAN
F-141 FIRST FLOOR FIRE ALARM PLAN
F-142 FIRST FLOOR TEMPORARY FIRE ALARM PLAN

MECHANICAL
M-001 NOTES, SYMBOLS AND ABBREVIATIONS
M-101 FIRST FLOOR HVAC PLAN
M-501 MECHANICAL DETAILS
M-502 SEISMIC DETAILS
M-601 HVAC SCHEDULES
M-801 CONTROL SCHEMATICS

ELECTRICAL
E-001 NOTES, SYMBOLS & ABBREVIATIONS
E-005 ELECTRICAL KEYED NOTES
E-010 CAL GREEN CHECKLIST
E-011 CAL GREEN CHECKLIST
E-012 CAL GREEN CHECKLIST
E-013 CAL GREEN CHECKLIST
E-014 CAL GREEN CHECKLIST
ED101 FIRST FLOOR POWER DEMOLITION PLAN
ED121 FIRST FLOOR LIGHTING DEMOLITION PLAN
ED151 FIRST FLOOR GROUNDING DEMOLITION PLAN
ED152 ROOF GROUNDING/LPS DEMO PLAN
E-100 FIRST FLOOR OVERALL PLAN
E-101 FIRST FLOOR TEMPORARY POWER PLAN
E-102 FIRST FLOOR POWER PLAN
E-121 FIRST FLOOR TEMPORARY LIGHTING PLAN
E-122 FIRST FLOOR LIGHTING PLAN
E-151 FIRST FLOOR GROUNDING PLAN
E-152 ROOF GROUNDING/LPS PLAN
E-401 ENLARGED PLANS, ELEVATIONS & SECTIONS
E-501 DETAILS
E-502 DETAILS
E-601 SCHEDULES
E-602 SCHEDULES
E-701 ONE-LINE DIAGRAM

TECHNOLOGY SYSTEMS
T-001 NOTES, SYMBOLS & ABBREVIATIONS
T-005 TECHNOLOGY KEYED NOTES
T-011 FIRST FLOOR OVERALL COMMUNICATIONS PLAN
TD101 FIRST FLOOR TECHNOLOGY SYSTEMS DEMOLITION PLAN - PHASE 1
TD102 FIRST FLOOR TECHNOLOGY SYSTEMS DEMOLITION PLAN - PHASE 2
T-101 FIRST FLOOR COMMUNICATIONS PLAN
T-121 FIRST FLOOR SECURITY PLAN
T-501 DETAILS
T-502 DETAILS
T-601 SCHEDULES AND ONE-LINE DIAGRAM

BAGGAGE HANDLING SYSTEM
QB-000 COVER SHEET
QB-001 SYMBOLS & ABBREV
QB-002 GENERAL NOTES
QB-003 SINGLE LINE DIAGRAM
QB-004 PLAN VIEW - FIRST FLOOR - PROPOSED - SUBSYSTEMS
QB-100 PLAN VIEW - FIRST FLOOR - DEMO
QB-130 PLAN VIEW - FIRST FLOOR - TEMPORARY
QB-150 PLAN VIEW - FIRST FLOOR - PROPOSED
QB-151 PLAN VIEW - FIRST FLOOR - PROPOSED
QB-200 ENLARGED VIEW - FIRST FLOOR - PROPOSED - CBRA
QB-300 SECTION VIEWS - FIRST FLOOR - PROPOSED TICKETING
QB-301 SECTION VIEWS - FIRST FLOOR - PROPOSED - CBRA
QB-302 SECTION VIEWS - FIRST FLOOR - PROPOSED - MAKE-UP
QB-303 SECTION VIEWS - FIRST FLOOR - TEMPORARY
QB-450 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASING - 1A
QB-451 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASING - 1B
QB-452 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASING - 1C
QB-500 TYPICAL DETAILS - SAFETY SIGNAGE
QB-501 TYPICAL DETAILS - SAFETY SIGNAGE
QB-502 TYPICAL DETAILS - SECURITY DOOR
QB-503 TYPICAL DETAILS - IMPACT PROTECTION
QB-504 TYPICAL DETAILS - MCP CABINET
QB-505 TYPICAL DETAILS - INCLINE PLATE - MAKE-UP
QB-506 TYPICAL DETAILS - LOADING DETAILS
QB-507 TYPICAL DETAILS - OVERSIZE SIZEGUARD MODIFICATION
QB-600 CONVEYOR MANIFEST
QB-650 PLAN VIEW - FIRST FLOOR PROPOSED - MCP ZONES & MCP LOADS
QB-700 TYPICAL DETAILS - CONTROL STATIONS
QB-701 PLAN VIEW - FIRST FLOOR - PROPOSED - CONTROL STATION LAYOUT
QB-750 PLAN VIEW - FIRST FLOOR - PROPOSED - E-STOP ZONES
QB-800 PLAN VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS
QB-801 SECTION VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS

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LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

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SHEET CONTENTS
COVER SHEET

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APPLICABLE CODES AND DESIGN CRITERIA

Project Name and Location:

San Luis Obispo County Regional Airport

975 Airport Drive, Suite 1
San Luis Obispo, California 93401

Applicable Design Criteria and Codes:

Building Code / Structural Code: California Building Code 2022 (IBC 2021)
Califirnia Code of Regulations Title 24, Part 2, Volumes 1 & 2

Plumbing Code: California Plumbing Code 2022 (UPC 2021)
California Code of Regulations Title 24

Mechanical Code: California Mechanical Code 2022 (UMC 2021)
California Code of Regulations Title 24

Electrical Code: California Electrical Code 2022 (NEC 2020)
California Code of Regulations Title 24

Fire/Safety Code: California Fire Code 2022 (IFC 2021)
California Code of Regulations Title 24

Accessibility Code: California Building Code 2022 (Title 24, Part 2)
California Code of Regulations Title 24, Part 2, Volume 1

Energy Code: California Energy Code 2022 (Title 24, Part 6)
California Code of Regulations Title 24

Building Occupancy Classifications

CBC Section 303.4: Assembly, Group A-3 (Waiting Areas in transportation facilities)

CBC Section 304.1: Business, Group B (Offices, food processing establisments and commercial kitchens not associated with retaurants, cafeterias and similar dining facilities not more than 2,500 square feet in area)

CBC Section 311.1: Moderate-hazard storage, Group S-1 (Storage spaces)

Construction Type	**Climate Zone**	**Parcel # (APN)**
CBC Table 601 Type VB Sprinklered: Yes	12	059-300-025-000

FIRE PROTECTION AND LIFE SAFETY ANALYSIS

Building Area

CBC Table 506.2:

Group A-3 / VB = 24,000 SF (most restrictive)
Group B / VB = 36,000 SF
Group S-1 / VB = 36,000 SF

Group A-2 used to establish most restrictive occupancy per 508.3.2, non-separated occupancies

Allowable Area
CBC Section 506.2.4: Mixed Occupancy, Single Story Building
Aa = [At + (NS x If)]
Aa = [24,000 + (11,500 x 0)] = 24,000 SF

	Allowable Area without Frontage Increase (per story)	Actual Area (per story)
Group A-2 Total Allowable Area and Actual Area	24,000 SF	3,708 SF 2

CBC Section 506.3: Frontage increase (not taken)
P = Perimeter of entire building
F = Building perimeter that fronts the public way

CBC Section 506.3.2: Width limits (W = 30)

Allowable Building Height and Number of Stories

CBC Table 503:

Group A-3 / VB = 60 FT, 2 stories (most restrictive)
Group B / VB = 60 FT, 3 stories
Group S-1 / VB = 60 FT, 2 stories (most restrictive)

	Maximum Allowed		Actual (Existing)	
Groups A-2 & S-1	Height	Stories	Height	Stories
	60	2	25	1

Fire Resistive Requirements for Building Elements

CBC Table 601

Structural Frame:	0 hr
Bearing Walls	
Exterior:	0 hr
Interior:	0 hr
Interior Nonbearing Walls and Partitions:	0 hr
Floor Construction:	0 hr
Roof construction and secondary framing:	0 hr

Fire Resistive Requirements for Exterior Walls Based on Separation Distance

CBC Table 602
Exterior Walls where "x" is distance from fire separation
VB Construction Type, A-2 occupancy

X < 5 ft	1 hr
5 ft ≤ 10 ft	1 hr
10 ft ≤ 30 ft	0 hr
X ≥ 30 ft	0 hr

Interior Finishes: Wallls and Ceilings

CBC Table 803.13 (Building fully sprinklered)
Interior Wall and Ceiling Finish for Exit Enclosuress and Exit Passageways: Class B
Interior Wall and Ceiling Finish for Corridors: Class B
Interior Wall and Ceiling Finish for Rooms and Enclosed Spaces: Class C

Interior Finishes: Floors

CBC Section 804.4.1 with Exception (Building fully sprinklered)
Interior Floor Finish for All Floor Coverings: Class II

FIRE PROTECTION AND LIFE SAFETY ANALYSIS, CONTINUED

Occupant Load

CBC Table 1004.5
Assembly Occupancy: A-3 occupant / 100 gsf for Airport Terminal Concourse
Assembly Occupancy: A-3 occupant / 15 gsf for Waiting and Queue areas
Assembly Occupancy: A-3 occupant / 20 gsf for Baggage Claim
Business Occupancy: B occupant / 150 gsf for Administration Area
Business Occupancy: B occupant / 150 gsf for Concessions
Storage Occupancy: S-1 occupant / 300 gsf for Storage, Baggage handling and Mechanical

Function / Floor	Area	Occupants
Entire Building	10,918	210

Capacity of Means of Egress

CBC Section 1005.3.2	Stairs	Other	Total Egress Width at Grade
Exception 1	N/A	0.15 inches	
			Refer to G-021

Common Path of Travel

CBC Table 1006.2.1

Assembly Occupancy: A-3, Fully Sprinklered	75 feet

Exit Access Travel Distance

CBC Table 1017.2

Assembly Occupancy: A-3, Fully Sprinklered	250 feet

Minimum Corridor Fire Resistance Rating

CBC Table 1020.1

0 hrs (buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 where allowed.

Minimum Corridor Width

CBC Section 1020.2

44 inches

Dead-end Corridor Distance

CBC Section 1020.4

Assembly Occupancy: A-3, Fully Sprinklered	20 feet

Fire Extinguishers, General

NFPA 10, CFC 906, CBC Tables 906.3(1) and 906.3(2)

Accessibility Requirements

The design for this project incorporates the accessibility requirements of CBC Chapter 11B

Plumbing Fixtures

CPC Table 422.1

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CODE ANALYSIS SCHEDULE

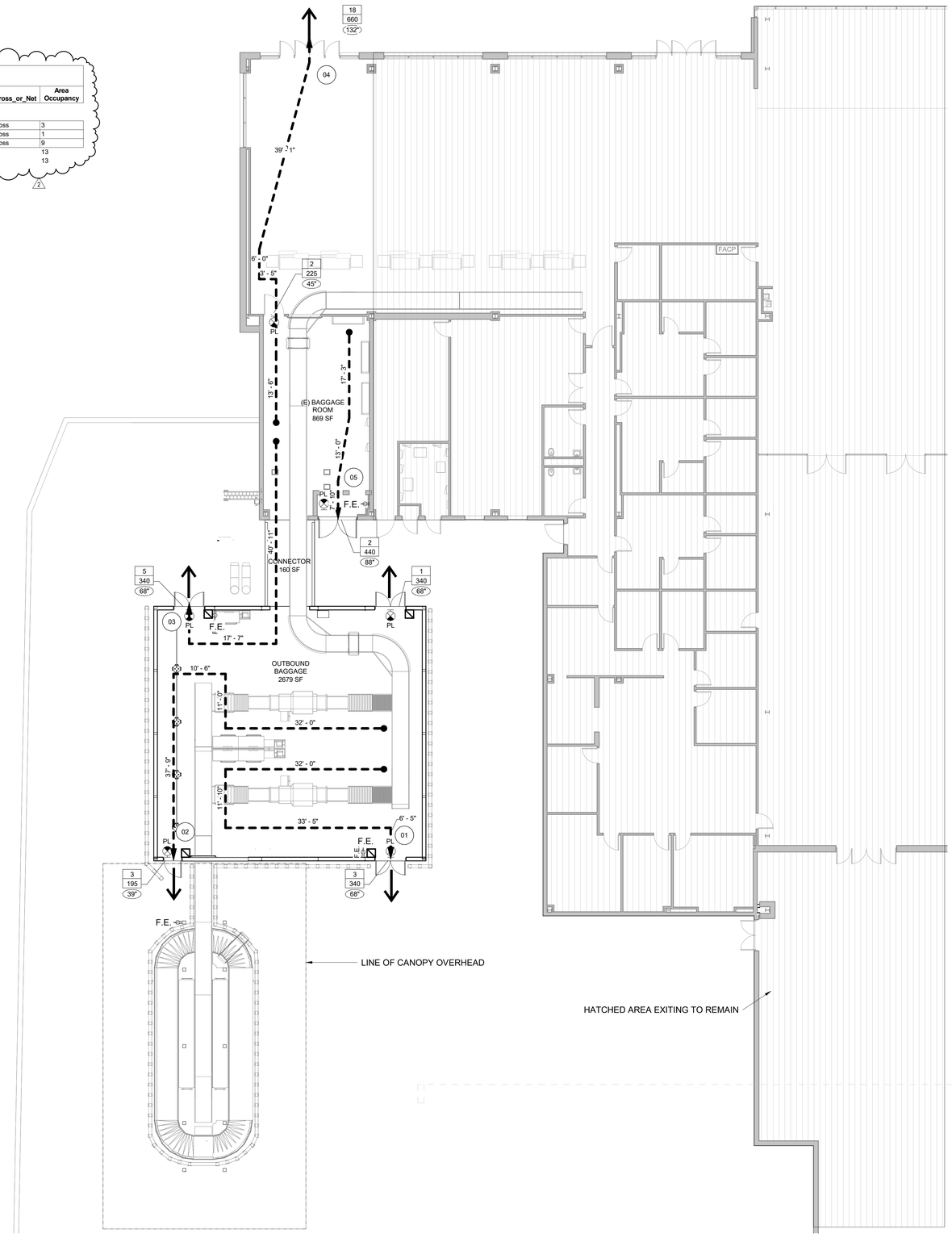
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OCCUPANT LOAD BY AREA

Area Name	Size	Function of Area	Occupant Load Factor	Gross_or_Net	Area Occupancy
Airport Terminal - Baggage handling					
(E) BAGGAGE ROOM	869 SF	Airport Terminal - Baggage handling	300	Gross	3
CONNECTOR	160 SF	Airport Terminal - Baggage handling	300	Gross	1
OUTBOUND BAGGAGE	2679 SF	Airport Terminal - Baggage handling	300	Gross	9
	3708 SF				13
Grand total	3708 SF				13

2



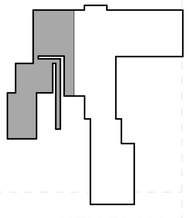
N 1 **LIFE SAFETY PLAN - AREA A**
1" = 10'-0"

LIFE SAFETY PLAN LEGEND:

- 0 / 0" / 00" — EXITING OCCUPANTS; EXIT CAPACITY REQUIRED; CLEAR WIDTH PROVIDED
- EXIT SIGN
- EXIT DISCHARGE
- 0.5-HR FIRE BARRIER
- 1-HR FIRE BARRIER
- 2-HR FIRE BARRIER
- FACP — FIRE ALARM/MNS CONTROL PANEL
- F.E. — FIRE EXTINGUISHER - WALL MOUNTED (4A - [10LB] - TYPE ABC)
- F.E.C — FIRE EXTINGUISHER - SEMI-RECESSED CABINET (4A - [10LB] - TYPE ABC)
- XX — EXIT ROUTE NUMBER
- X'-X" — SEGMENT DISTANCE

EGRESS DATA

EXIT ROUTE	DISTANCE
EXIT ROUTE #01	83' - 8"
EXIT ROUTE #02	91' - 3"
EXIT ROUTE #03	66' - 10"
EXIT ROUTE #04	83' - 0"
EXIT ROUTE #05	38' - 1"



KEY PLAN

Mead & Hunt

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2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

CHAPTER 3
GREEN BUILDING
SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of $200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 *et seq.* for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC)
301.5 HEALTH FACILITIES. (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

SECTION 303 PHASED PROJECTS

303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 Initial Tenant improvements. The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.

ABBREVIATION DEFINITIONS:

HCD	Department of Housing and Community Development
BSC	California Building Standards Commission
DSA-SS	Division of the State Architect, Structural Safety
OSHPD	Office of Statewide Health Planning and Development
LR	Low Rise
HR	High Rise
AA	Additions and Alterations
N	New

CHAPTER 5
NONRESIDENTIAL MANDATORY MEASURES
DIVISION 5.1 PLANNING AND DESIGN

SECTION 5.101 GENERAL
5.101.1 SCOPE
The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

SECTION 5.102 DEFINITIONS
5.102.1 DEFINITIONS
The following terms are defined in Chapter 2 *(and are included here for reference)*

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

LOW-EMITTING AND FUEL EFFICIENT VEHICLES.
Eligible vehicles are limited to the following:

1. Zero emission vehicle (ZEV), enhanced advanced technology PZEV (enhanced AT ZEV) or transitional zero emission vehicles (TZEV) regulated under CCR, Title 13, Section 1962.
2. High-efficiency vehicles, regulated by U.S. EPA, bearing a fuel economy and greenhouse gas rating od 9 oe 10 as regulated under 40 CFR Section 600 Subpart D.

NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.

TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.

VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ridesharing.

Note: Source: Vehicle Code, Division 1, Section 668

ZEV. Any vehicle certified to zero-emission standards.

SECTION 5.106 SITE DEVELOPMENT
5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:

5.106.1.1 Local ordinance. Comply with a lawfully enacted storm water management and/or erosion control ordinance.

5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMPs.

1. Soil loss BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Scheduling construction activity during dry weather, when possible.
   b. Preservation of natural features, vegetation, soil, and buffers around surface waters.
   c. Drainage swales or lined ditches to control stormwater flow.
   d. Mulching or hydroseeding to stabilize disturbed soils.
   e. Erosion control to protect slopes.
   f. Protection of storm drain inlets (gravel bags or catch basin inserts).
   g. Perimeter sediment control (perimeter silt fence, fiber rolls).
   h. Sediment trap or sediment basin to retain sediment on site.
   i. Stabilized construction exits.
   j. Wind erosion control.
   k. Other soil loss BMPs acceptable to the enforcing agency.
2. Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
   a. Dewatering activities.
   b. Material handling and waste management.
   c. Building materials stockpile management.
   d. Management of washout areas (concrete, paints, stucco, etc.).
   e. Control of vehicle/equipment fueling to contractor's staging area.
   f. Vehicle and equipment cleaning performed off site.
   g Spill prevention and control.
   h. Other housekeeping BMPs acceptable to the enforcing agency.

5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger common plan of development sale.

Note: Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Pollutant Discharge Elimination System (NPDES) General permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or the Lahontan Regional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).

The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff (pre-project hydrology) with the installation of postconstruction stormwater management measures. The NPDES permits emphasize runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls, such as Low Impact Development (LID) practices, and conversation design measures. Stormwater volume that cannot be addressed using nonstructural practices is required to be captured in structural practices and be approved by the enforcing agency.

Refer to the current applicable permits on the State Water Resources Control Board website at: www.waterboards.ca.gov/constructionstormwater. Consideration to the stormwater runoff management measures should be given during the initial design process for appropriate integration into site development.

5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2

5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.

5.106.4.1.1 Short-term bicycle parking. If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.3 For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility.

5.106.4.1.4 For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2.

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.
5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles;
2. Lockable bicycle rooms with permanently anchored racks; or
3. Lockable, permanently anchored bicycle lockers.

5.106.5.3 Electric vehicle (EV) charging. [N] Construction to provide electric vehicle infrastructure and facilitate electric vehicle charging shall comply with Section 5.106.5.3.1 and shall be provided in accordance with regulations in the California Building Code and the California Electrical Code.

Exceptions:
1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
   a. Where there is no local utility power supply
   b. Where the local utility is unable to supply adequate power.
   c. Where there is evidence suitable to the local enforcement agency substantiating the local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.
2. Parking spaces accessible only by automated mechanical car parking systems are not required to comply with this code section

5.106.5.3.1 EV capable spaces.
[N] EV capable spaces shall be provided in accordance with Table 5.106.5.3.1 and the following requirements:
1. Raceways complying with the California Electrical Code and no less that 1-inch (25 mm) diameter shall be provided and shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the EV capable and into a suitable listed cabinet, box,enclosure or equivalent. A common raceway may be used to serve multiple EV charging spaces.
2. A service panel or subpanel (s) shall be provided with panel space and electrical load capacity for a dedicated 208/240 volt, 40-ampere minimum branch circuit for each EV capable space, with delivery of 30-ampere minimum to an installed EVSE at each EVCS.
3. The electrical system and any on-site distribution transformers shall have sufficient capacity to supply full rated amperage at each EV capable space.
4. The service panel or subpanel circuit directory shall identify the reserved overcurrent protective devices space(s) as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE."

Note: A parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See vehicle Code Section 22511.2 for further details.

TABLE 5.106.5.3.1

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)[1,2]
0-9	0	0
10-25	2	0
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20% of total[1]	25% of EV capable spaces[1]

1. Where there is insufficient electrical supply.
2. The number of required EVCS (EV capable spaces provided with EVSE) in column 3 count towards the total number of required EV capable spaces shown in column 2.

5.106.5.3.2 Electric vehicle charging stations (EVCS)
EV capable spaces shall be provided with EVSE to create EVCS in the number indicated in Table 5.106.5.3.1. The EVCS required by Table 5.106.5.3.1 may be provided with EVSE in any combination of Level 2 and Direct Current Fast Charging (DCFC), except that at least one Level 2 EVSE shall be provided.

One EV charger with multiple connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.3.1 for each EV capable space is accumulatively supplied to the EV charger.

The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces without EVSE by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.3.3 Use of automatic load management systems (ALMS).
ALMS shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

5.106.5.3.4 Accessible EVCS.
When EVSE is installed, accessible EVSC shall be provided in accordance with the *California Building Code*, Chapter 11B, Section 11B-228.3.
Note: For EVCS signs, refer to Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).

5.106.5.4 Electric Vehicle (EV) charging: medium-duty and heavy-duty. [N]
Construction shall comply with section 5.106.5.4.1 to facilitate future installation of electric vehicle supply equipment (EVSE). Construction for warehouses, grocery stores and retail stores with planned off-street loading spaces shall also comply with Section 5.106.5.4.1 for future installation of medium- and heavy-duty EVSE.
Exceptions:
1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
   a. Where there is no local utility power supply.
   b. Where the local utility is unable to supply adequate power.
   c. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

When EVSE(s) is/are installed, it shall be in accordance with the *California Building Code*, the *California Electrical Code* and as follows:

5.106.5.4.1 Electric vehicle charging readiness requirements for warehouse, grocery stores and retail stores with planned off-street loading spaces.
[N] In order to avoid future demolition when adding EV charging supply and distribution equipment, spare raceways(s) or busway(s) and adequate capacity for transformers(s), service panels(s) or subpanel(s) shall be installed at the time of construction in accordance with the California Electrical Code. Construction plans and specifications shall include but are not limited to, the following:
1. The transformer, main service equipment and subpanel shall meet the minimum power requirement in Table 5.106.5.4.1 to accommodate the dedicated branch circuits for the future installation of EVSE.
2. The construction documents shall indicate on or more location(s) convenient to the planned offstreet loading space(s) reserved for medium-and heavy-duty ZEV charging cabinets and charging dispensers, and a pathway reserved for routing of conduit from the termination of the raceway(s) or busway(s) to the charging cabinet(s) and dispenser(s) as shown in Table 5.106.5.4.1
3. Raceway(s) or busway(s) originating at a main service panel or a subpanel(s) serving the area where potential future medium-and heavy-duty EVSE will be located and shall terminate in close proximity to the potential future location of the charging equipments for medium- and heavy-duty vehicles.
4. The raceway(s) or busway(s) shall be sufficient size to carry the minimum additional system load to the future location of the charging for medium- and heavy-duty ZEVs as shown in Table 5.106.5.4.1.

TABLE 5.106.5.4.1 RACEWAY CONDUIT AND PANEL POWER REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE [N]

BUILDING TYPE	BUILDING SIZE (SQ. FT.)	NUMBER OF OFF-STREET LOADING SPACES	ADDITIONAL CAPACITY REQUIRED (KVA) FOR RACEWAY & BUSWAY AND TRANSFORMER & PANEL
Grocery	10,000 to 90,000	1 or 2	200
		3 or Greater	400
	Greater than 90,000	1 or Greater	400
Retail	10,000 to 135,000	1 or 2	200
		3 or Greater	400
	Greater than 135,000	1 or Greater	400
Warehouse	20,000 to 256,000	1 or 2	200
		3 or Greater	400
	Greater than 256,000	1 or Greater	400

5.106.8 LIGHT POLLUTION REDUCTION. [N]. I Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and
2. Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8);
3. Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and
4. Allowable BUG ratings not exceeding those shown in Table 5.106.8, [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.
5. Luminaires with less than 6,200 initial luminaire lumens.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS[1,2]

ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING [3]					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting [3]	N/A	U0	U0	U0	U0
For all other outdoor lighting,including decorative luminaires	N/A	U1	U2	U3	UR
MAXIMUM ALLOWABLE GLARE RATING [3] **(G)**					
MAXIMUM ALLOWABLE GLARE RATING [3] **(G)**	N/A	G1	G2	G3	G4
MAXIMUM ALLOWABLE GLARE RATING [3] **(G)**	N/A	G0	G1	G1	G2
MAXIMUM ALLOWABLE GLARE RATING [3] **(G)**	N/A	G0	G0	G1	G1
MAXIMUM ALLOWABLE GLARE RATING [3] **(G)**	N/A	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the *California Energy Code* and Chapter 10 of the *California Administrative Code*.

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaries located in these areas shall meet *U*-value limits for "all other outdoor lighting"

5.106.8.1 Facing- Backlight
Luminaries within 2MH of a property line shall be oriented so that the nearest property line is behind the fixture, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line.
Exception: Corners. If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest points(s) on the property lines to determine the required backlight rating.

5.106.8.2 Facing-Glare.
For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere.

Note: [N]
1.See also *California Building Code*, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.
2.Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, *California Energy Code* Tables 130.2-A and 130.2-B.
3. Refer to the *California Building Code* for requirements for additions and alterations.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.
Exception: Additions and alterations not altering the drainage path.

5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.

5.106.12.2 Landscape areas. Shade tress plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation.

5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions:
1. Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.
2. Designated and marked play areas of organized sport activity are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL
5.201.1 Scope [BSC-CG]. *California Energy Code [DSA-SS].* For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL
5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS
5.302.1 Definitions. The following terms are defined in Chapter 2 *(and are included here for reference)*

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1954.202 (g) and Water code Section 517 for additional details.)

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWELO).

DISCLAIMER: *THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.*

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC
DO NOT SCALE DRAWINGS

SHEET CONTENTS
CAL GREEN CHECKLIST

SHEET NO.:
G-031

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
EXPIRATION/RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

1/21/2026 2:58:01 PM C:\Revit Local\222814.02-A-R24_Marco.PrincCQ2GU.rvt

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

SECTION 5.303 INDOOR WATER USE

5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
   a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
   b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
   c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.

5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

5.303.3.4.6 Pre-rinse spray value
When installed, shall meet the requirements in the *California Code of Regulations*, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.

FOR REFERENCE ONLY: The following table and code section have been reprinted from the *California Code of Regulations*, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).

TABLE H-2

STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019

PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)
Product Class 1 (≤ 5.0 ozf)	1.00
Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)	1.20
Product Class 3 (> 8.0 ozf)	1.28

5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the *California Plumbing Code*, and shall meet the applicable standards referenced in Table 1701.1 of the *California Plumbing Code* and in Chapter 6 of this code.

SECTION 5.304 OUTDOOR WATER USE

5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

Notes:
1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.
2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/.

5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, *California Code of Regulations*, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.

5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL

5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 *(and are included here for reference)*

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

TEST. A procedure to determine quantitative performance of a system or equipment

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth.
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universalwaste/

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.

5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the *Public Resources Code*. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements

Commissioning requirements shall include:

1. Owner's or Owner representative's project requirements.
2. Basis of design.
3. Commissioning measures shown in the construction documents.
4. Commissioning plan.
5. Functional performance testing.
6. Documentation and training.
7. Commissioning report.

Exceptions:

1. Unconditioned warehouses of any size.
2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.
3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1.
4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning.

Informational Notes:

1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional performance tests or to adjust and balance systems.
2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the *California Energy Code*.

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:
1. Environmental and sustainability goals.
2. Building sustainable goals.
3. Indoor environmental quality requirements.
4. Project program, including facility functions and hours of operation, and need for after hours operation.
5. Equipment and systems expectations.
6. Building occupant and operation and maintenance (O&M) personnel expectations.

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse system.

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:
1. General project information.
2. Commissioning goals.
3. Systems to be commissioned. Plans to test systems and components shall include:
   a. An explanation of the original design intent.
   b. Equipment and systems to be tested, including the extent of tests.
   c. Functions to be tested.
   d. Conditions under which the test shall be performed.
   e. Measurable criteria for acceptable performance.
4. Commissioning team information.
5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included.

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made.

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in *California Code of Regulations* (CCR), Title 8, Section 5142, and other related regulations.

5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:
1. Site information, including facility description, history and current requirements.
2. Site contact information.
3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
4. Major systems.
5. Site equipment inventory and maintenance notes.
6. A copy of verifications required by the enforcing agency or this code.
7. Other resources and documentation, if applicable.

5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:
1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).
2. Review and demonstration of servicing/preventive maintenance.
3. Review of the information in the Systems Manual.
4. Review of the record drawings on the system/equipment.

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

SECTION 5.502 DEFINITIONS

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 *(and are included here for reference)*

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.

A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32° Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I–joists or finger–jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

Note: See CCR, Title 17, Section 93120.1.

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.).

DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the *California Electrical Code*, off-road, self-propoelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

ELECTRIC VEHICLE CHARGING STATION(S) (EVCS)). One or more spaces intended for charging electric vehicles.

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.

ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.

GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundredths of a gram (g O^3/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a)

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

DISCLAIMER:*THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.*

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC
DO NOT SCALE DRAWINGS

SHEET CONTENTS
CAL GREEN CHECKLIST

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
G-032

1/21/2026 2:58:01 PM C:\Revit Local\222814 02-A-R24_Marco.PinoCD2GU.rvt

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2023)

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	N/A	RESPON. PARTY
☐	☐	
X		

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT[1,2]

Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter

SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

Y	N/A	RESPON. PARTY

TABLE 5.504.4.3 - CONT.

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT VOC LIMIT
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS[1]	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems.
All carpet installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers." Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs.
https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health,"Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers,"Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs.
https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS[1]

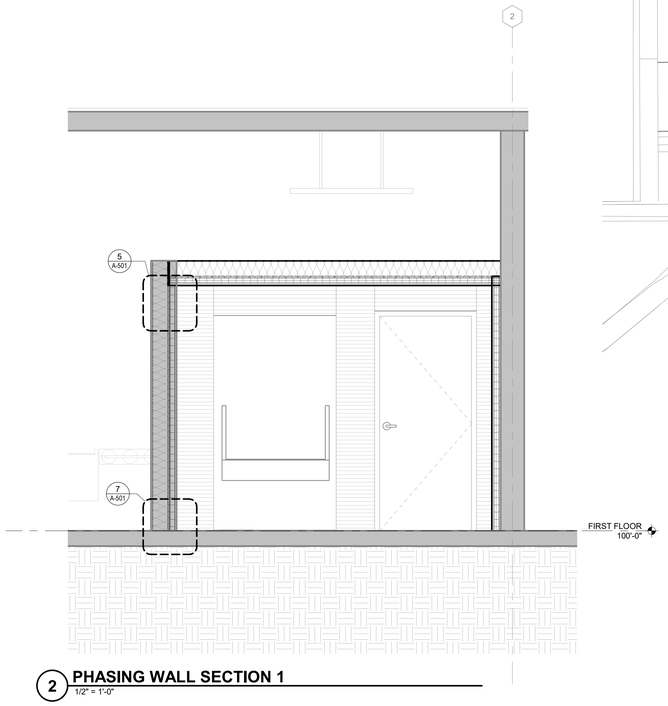
MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD[2]	0.13

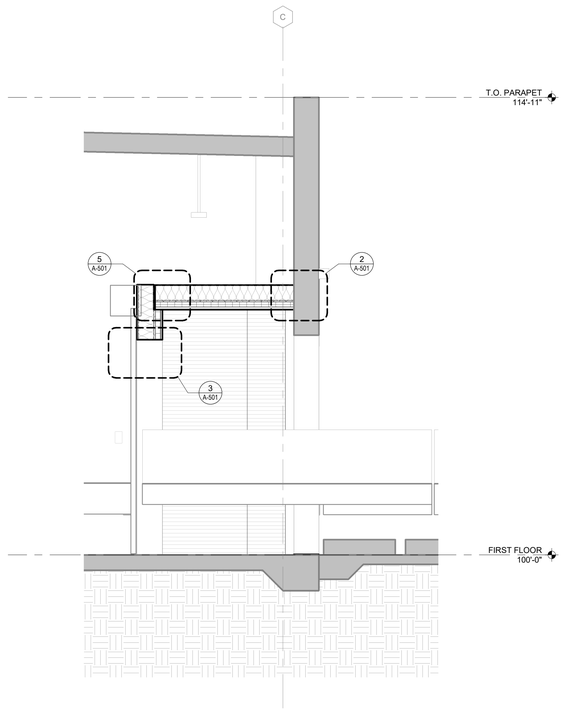
1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

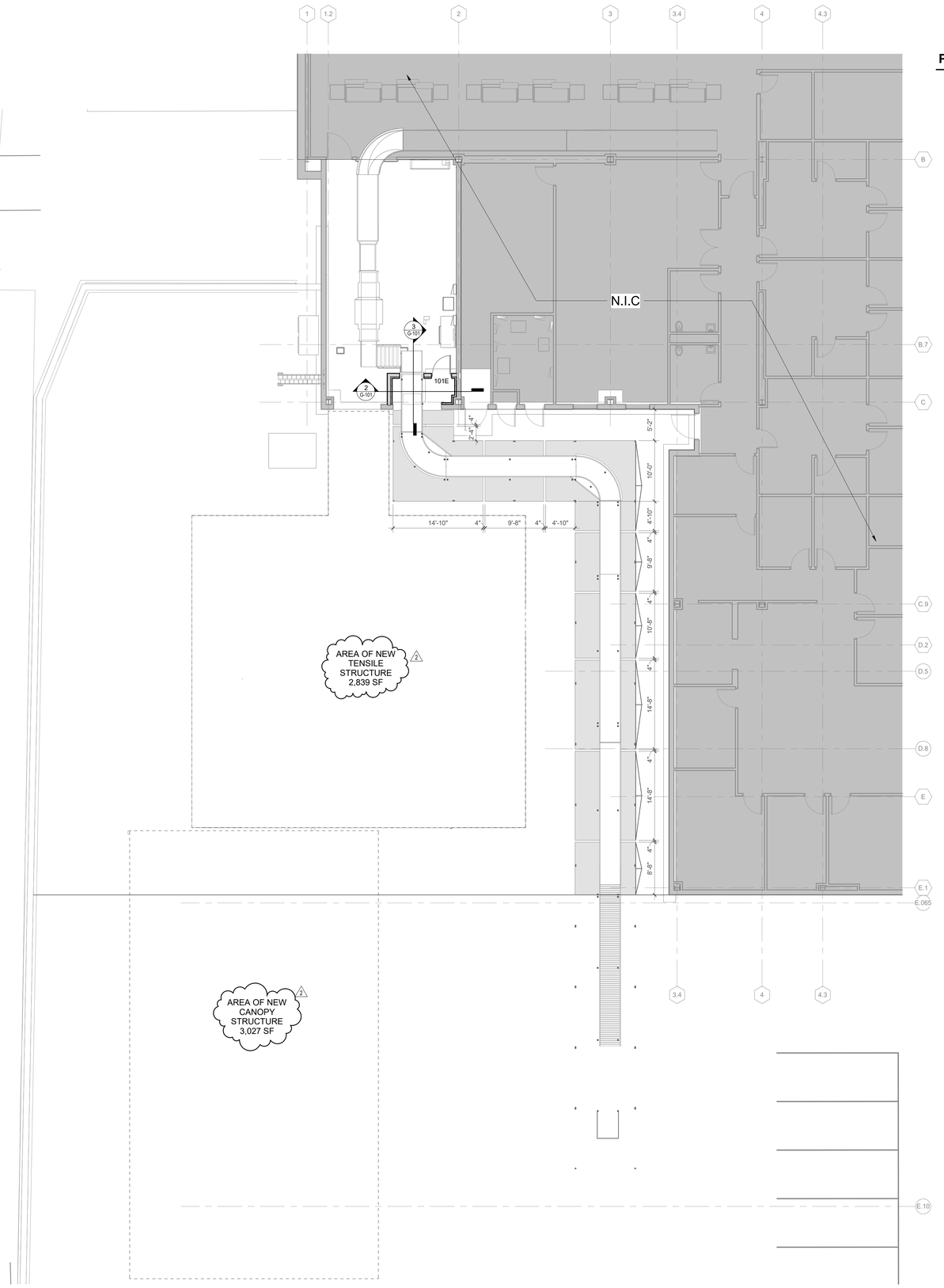
Y	N/A	RESPON. PARTY
☐	☐	
	X	
☐	☐	
	X	
☐	☐	
	X	



2 PHASING WALL SECTION 1
1/2" = 1'-0"



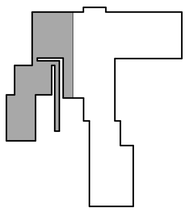
3 PHASING WALL SECTION 2
1/2" = 1'-0"



N 1 FIRST FLOOR PHASING PLAN
1/8" = 1'-0"

PHASING PLAN GENERAL NOTES:

1. TEMPORARY WALL LOCATIONS ARE APPROXIMATE. CONTRACTOR TO PROVIDE COMPLETE LAYOUT OF TEMPORARY WALLS, PASSENGER SEATING AND GATE CONFIGURATION TO ACCOMMODATE PHASING AS REQUIRED. TEMPORARY WALL LOCATIONS AND PENETRATIONS MUST BE COORDINATED WITH THE AIRPORT AT LEAST 30 DAYS IN ADVANCE TO ALLOW TIME FOR TSA APPROVAL.
2. PHASING PLANS AND NOTES ARE INTENDED FOR PHASING PURPOSES ONLY. REFER TO DISCIPLINE SHEETS FOR DEMOLITION AND NEW CONSTRUCTION INFORMATION.
3. CONSTRUCTION SCHEDULE BY CONTRACTOR SHALL BE IN ACCORDANCE WITH PHASING PLANS.THE AIRPORT SHALL REMAIN IN FULL OPERATION WITH A MINIMUM OF THREE GATES OPERATIONAL THROUGHOUT CONSTRUCTION.
4. THE CONTRACTOR WILL COORDINATE CONSTRUCTION ACTIVITIES WITH AIRPORT SECURITY AND OPERATIONS 30 DAYS PRIOR TO STARTING WORK. CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL TEMPORARY WALKWAY / ACCESS BY PUBLIC AND EMPLOYEES BASED ON PHASING ACTIVITIES.
5. ALL SERVICES TO BE MAINTAINED TO ALL OCCUPIED AREAS. COORDINATE ANY DISRUPTIONS OF ANY SERVICE WITH THE AIRPORT FOR TIMES WHEN THE TERMINAL BUILDING IS NOT IN USE.
6. COORDINATE AND REVIEW EACH PHASE WITH AIRPORT AT LEAST 30 DAYS PRIOR TO DEMOLITION / CONSTRUCTION.
7. SUB-PHASING BETWEEN AREAS AND WITHIN PHASES MAY BE REQUIRED TO COMPLETE CONSTRUCTION AND MAINTAIN OPERATIONS. WORK OUTSIDE OF PHASING AREAS MAY BE REQUIRED TO MAINTAIN OPERATIONS AND SCHEDULE.
8. PROVIDE TEMPORARY CONSTRUCTION INFORMATION, DIRECTIONAL AND SAFETY (OSHA) SIGNAGE DURING CONSTRUCTION PHASES TO ASSIST WITH PASSENGER AND EMPLOYEE MOVEMENT AND SAFETY. CONTRACTOR TO SUBMIT TEMPORARY SIGN PLAN AT LEAST 30 DAYS PRIOR TO STARTING EACH PHASE OF WORK.
9. PROTECT ALL OPERATIONAL EQUIPMENT FROM DAMAGE DURING CONSTRUCTION INCLUDING POWER CORDS.
10. NO CONTRACTOR TOOLS, EQUIPMENT, OR MATERIALS MAY BE LEFT UNATTENDED AT ANY TIME IN THE STERILE AREA OR SECURITY IDENTIFICATION DISPLAY AREA (SIDA) AND ARE REQUIRED TO REMAIN WITHIN SIGHT AND ARM'S LENGTH OF CONTRACTOR EMPLOYEE(S) AUTHORIZED TO BE WITHIN THE STERILE AREA OR SIDA. COMPANIES AND/OR INDIVIDUALS FOUND TO BE IN NON-COMPLIANCE WILL FACE REVOCATION OF ACCESS PRIVILEGES AND/OR MONETARY FINES AND/OR PROSECUTION AND/OR THE PROJECT MAY BE SHUT DOWN AT THE DISCRETION OF THE AIRPORT COMMISSION. SEE SPECIFICATION SECTION 013051З – CONSTRUCTION SAFETY PHASING PLAN FOR MORE INFORMATION.
11. ALL WELDING IS TO BE COMPLETED AT TIMES WHEN THE TERMINAL BUILDING IS NOT IN USE.
12. ALL WORK TO COMPLY WITH ALL OSHA REGULATIONS.



KEY PLAN

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

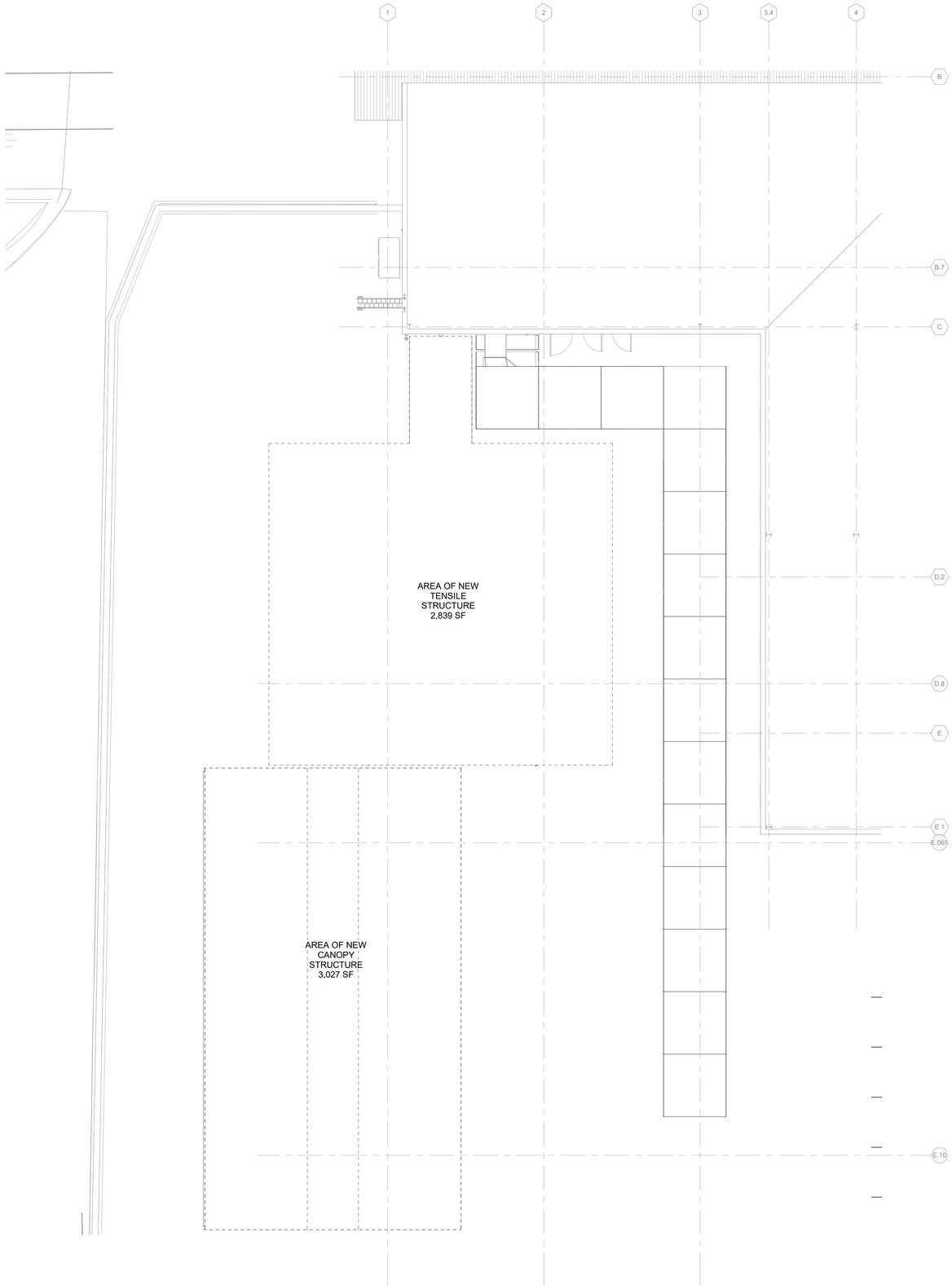
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DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC
DO NOT SCALE DRAWINGS

SHEET CONTENTS
PHASING PLAN

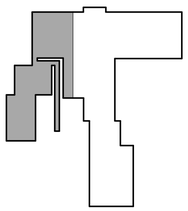


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N 1 **ROOF PLAN - AREA A**
1/8" = 1'-0"



KEY PLAN

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

Mead & Hunt
Mead & Hunt, Inc.
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BAGGAGE SCREENING SYSTEM

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SHEET CONTENTS
PHASING ROOF PLAN

SHEET NO.:
G-102

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AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ALT	ALTERNATE
APCH	APPROACH
APPROX	APPROXIMATE
ARFF	AIR RESCUE AND FIRE FIGHTING
ATCT	AIR TRAFFIC CONTROL TOWER
ATO	AIR TRAFFIC ORGANIZATION
AWG	AMERICAN WIRE GAUGE
BC	BEGINNING OF CURVE
BLDG	BUILDING
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BOT	BOTTOM
BVC	BEGINNING OF VERTICAL CURVE
C-C	CENTER TO CENTER
C	CURVE
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION
CASQA	CALIFORNIA STORMWATER QUALITY ASSOCIATION
CB	CATCH BASIN
CIPCP	CAST-IN-PLACE CONCRETE PIPE
CJ	CONSTRUCTION JOINT
CFS	CUBIC FEET PER SECOND
CL, C/L	CENTERLINE
CLF	CHAIN-LINK FENCE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUOUS
CRGO	CARGO
CP	CONTROL POINT
CU	COPPER
DB	DIRECT BURIAL
DEG	DEGREE
DI	DROP INLET
DIA	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DP	DEPTH
(E), EX	EXISTING
E	ELECTRICAL LINE, EASTING
EC	END OF CURVE
EG	EXISTING GRADE
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
ESA	ENVIRONMENTAL SENSITIVE AREA
EV	ELECTRIC VEHICLE
EVC	END OF VERTICAL CURVE
FES	FLARED END SECTION
FF	FINISHED FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FNC	FENCE
FPS	FEET PER SECOND
FT	FEET
G	NATURAL GAS LINE
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BREAK
GND	GROUND
GPM	GALLONS PER MINUTE
GS	GROUND SHOT
H	HEIGHT
HDPE	HIGH DENSITY POLYETHYLENE
HIRL	HIGH INTENSITY RUNWAY LIGHT
HITHL	HIGH INTENSITY THRESHOLD LIGHT
HORIZ	HORIZONTAL
HMA	HOT MIX ASPHALT
HWY	HIGHWAY
IE	INVERT ELEVATION
IN	INCHES
IP	IN-PAVEMENT
K	RATE OF CHANGE OF VERTICAL CURVE
L	LENGTH, LEFT, LINE, LIGHT
LAT	LATITUDE
LBS	POUNDS
LED, (L)	LIGHT EMITTING DIODE
LF	LINEAL FEET
LOC	LOCALIZER
LONG	LONGITUDE
LWL	LOW WATER LEVEL
LT	LIGHT
MH	MANHOLE
MAX	MAXIMUM
MG	MILLED GRADE
MID	MIDPOINT
MIN	MINIMUM
MAG	MAGNETIC
MPH	MILES PER HOUR
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
(N)	NEW
N	NORTHING
NIC	NOT IN CONTRACT
NO. OR #	NUMBER
NOTAM	NOTICE TO AIRMEN
NTS	NOT TO SCALE
OFF, O/S	OFFSET
OC	ON CENTER
OH	OVERHEAD
PAPI	PRECISION APPROACH PATH INDICATOR
PB	PULL BOX
P&P	PLAN AND PROFILE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCF	POUNDS PER CUBIC FOOT
PED	PEDESTAL
PERF	PERFORATED
PFC	POROUS FRICTION COURSE
PI	POINT OF INTERSECTION
POB	POINT OF BEGINNING
POC	POINT OF CURVE
POE	POINT OF ENDING
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
PT	POINT, POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
QTY	QUANTITY
R	RIGHT, RADIUS
R&R	REMOVE AND REPLACE
RAC	RENT-A-CAR
RC	RELATIVE COMPACTION
REL	RELOCATE EXISTING
RCP	REINFORCED CONCRETE PIPE
REQ	REQUIRED
RPR	RESIDENT PROJECT REPRESENTATIVE
ROS	RECORD OF SURVEY
R/W	RIGHT OF WAY
RTR	REMOTE TRANSMITTER/RECEIVER
RWA	RESTRICTED WORK AREA
S	SANITARY LINE, SALVAGED
SCHD	SCHEDULE
SF	SQUARE FOOT
SG	STRAIGHT GRADE
SH	SHOULDER
SIDA	SECURE IDENTIFICATION DISPLAY AREA
SPCD	SAFETY PLAN COMPLIANCE DOCUMENT
SS	STAINLESS STEEL
SD	STORM DRAIN
STA	STATION
STD	STANDARD
STL	STEEL
SY	SQUARE YARDS
T	TELEPHONE LINE
TC	TOP OF CURB
TG	TOP OF GRATE
T/L	TAXILANE
TOE	TOE OF BANK
TOP	TOP OF BANK
TOW	TOP OF WALL
TDZ	TOUCHDOWN ZONE
TW/TWY	TAXIWAY
TYP	TYPICAL
UD	UNDERDRAIN
OFA	OBJECT FREE AREA
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
USA	UNDERGROUND SERVICE ALERT
V	VELOCITY
V	VOLT
VC	VERTICAL CURVE
VDROP	VOLTAGE DROP
VERT	VERTICAL
VG	VALLEY GUTTER
VIF	VERIFY IN FIELD
W	WIDTH, WEST, WATER LINE
W/	WITH
W/O	WITHOUT
WDID	STORMWATER WASTE DISCHARGE IDENTIFICATION
WSE	WATER SURFACE ELEVATION
WSP	WELDED STEEL PIPE
WV	WATER VALVE
WWM	WELDED WIRE MESH

GENERAL CIVIL NOTES:

1. ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH COUNTY, CITY, AND CALTRANS SPECIFICATIONS FOR CONSTRUCTION UNLESS SPECIFIED OTHERWISE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, SEQUENCING AND SAFETY PROCEDURES, EQUIPMENT, AND DEVICES USED DURING CONSTRUCTION UNLESS SPECIFICALLY ADDRESSED OTHERWISE.
3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS APPLICABLE TO THE CONSTRUCTION COVERED BY THIS PLAN.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE THE WORK COVERED BY THIS PLAN.
5. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATION OF EXISTING UNDERGROUND FACILITIES IN THE CONSTRUCTION AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO THE EXISTING FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS. CONTRACTOR SHALL CONTACT USA NORTH 811 PRIOR TO ANY EXCAVATION.
6. DISPOSAL OF WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL ASSUME ALL WASTE MATERIAL WILL BE REQUIRED TO BE HAULED AND DISPOSED OFF AIRPORT PROPERTY. ALL COSTS ASSOCIATED WITH OFF HAUL (INCLUDING ANY ENVIRONMENTAL TESTING) SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADING AND TRAFFIC CONTROL REQUIRED TO MAINTAIN SAFE AND SECURE ACCESS AT THE PROJECT SITE. CONTRACTOR'S ACCESS AND TRAFFIC CONTROL PLAN WILL BE IN ACCORDANCE WITH THE CONSTRUCTION SAFETY AND PHASING PLAN.
8. THE CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT LIMITS AS SHOWN IN THE PLANS. THE CONTRACTOR SHALL NOTIFY THE AIRPORT AND UTILITY OWNER OF DAMAGE TO ANY UTILITY. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
9. EMERGENCY ACCESS TO ALL FIRE HYDRANTS AND PIPE STANDS SHALL BE MAINTAINED AT ALL TIMES.
10. THE CONTRACTOR SHALL MAKE REQUESTS FOR FACILITY CLOSURES A MINIMUM OF 48 HOURS IN ADVANCE OF SUCH CLOSURES. THE AIRPORT WILL HAVE THE FINAL APPROVAL AUTHORITY OF SUCH CLOSURES. THE AIRPORT RETAINS THE RIGHT TO CANCEL ANY SUCH CLOSURES IN THE INTEREST OF AIRPORT SAFETY AND/OR CRITICAL OPERATIONS.
11. THE LOCATION OF HAUL ROUTES ON THE AIRPORT SHALL BE AS SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-SITE HAUL ROUTES WITH THE PARTY HAVING JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE HAUL ROUTES WILL BE MAINTAINED BY THE CONTRACTOR AND SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF WORK, OR AS DEEMED NECESSARY BY THE AIRPORT OR ENGINEER. FENCING, DRAINAGE, GRADING, OR OTHER WORK NECESSARY TO CONSTRUCT HAUL ROUTES ON THE AIRPORT IS THE CONTRACTOR'S RESPONSIBILITY AND MUST BE APPROVED BY THE ENGINEER PRIOR TO THE WORK.
12. THE CONTRACTOR SHALL NOT ENTER ONTO ANY AREA OUTSIDE OF THE CONSTRUCTION PHASING LIMITS, STAGING AREA, OR DESIGNATED HAUL ROUTES WITHOUT THE WRITTEN APPROVAL OF THE AIRPORT.
13. THE CONTRACTOR SHALL DESIGNATE A PERSON AND TWO BACKUP PEOPLE WHO CAN BE CONTACTED 24 HOURS A DAY IN THE EVENT OF AN EMERGENCY. THESE PEOPLE SHALL BE AUTHORIZED TO MAKE FIELD DECISIONS ON THE COMPANY'S BEHALF AND BE ABLE TO RESPOND WITHIN TWO HOURS OF INITIAL CONTACT.
14. ACCESS FOR AIRPORT RESCUE AND FIRE FIGHTING (ARFF) OR LOCAL RESCUE AND FIRE FIGHTING EQUIPMENT AND PERSONNEL SHALL BE MAINTAINED AT ALL TIMES. THE ARFF OR LOCAL OPERATIONS SHALL HAVE RIGHT-OF-WAY OVER ALL CONTRACTOR'S OPERATIONS AT ALL TIMES.
15. THE CONTRACTOR IS REQUIRED TO PROVIDE LIGHTING FOR CONSTRUCTION THAT OCCURS DURING HOURS OF DARKNESS. THE COST OF THE LIGHTING DURING SAID HOURS SHALL BE INCIDENTAL TO THE PROJECT.
16. A SOIL OR CIVIL ENGINEER TO DETERMINE GRADING PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND IS SUITABLE TO SUPPORT THE INTENDED STRUCTURE(S).
17. ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROVIDED, INSTALLED, AND MAINTAINED AS SHOWN ON THE APPLICABLE EROSION AND SEDIMENT CONTROL PLANS AND SHALL COMPLY WITH THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
18. ALL NEW PAVEMENT AND SIDEWALKS SHALL BE CONSTRUCTED FLUSH WITH EXISTING PAVEMENT, WITH NO PONDING OF STORMWATER, UNLESS NOTED OTHERWISE.
19. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, COORDINATES, AND DIMENSIONAL INFORMATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO STARTING CONSTRUCTION.
20. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) AND "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST EDITION.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION OF ALL NEW UTILITIES WITH THOSE THAT ARE EXISTING. IF EXISTING UTILITIES ARE IN CONFLICT WITH NEW UTILITIES, THE SITE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
22. THE LOCATION OF ALL EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLAN OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY FEES ASSOCIATED WITH UTILITY RELOCATIONS SHALL BE BORNE BY THE CONTRACTOR IN ACCORDANCE WITH RESPECTIVE UTILITY COMPANY STANDARDS. THE CONTRACTOR SHALL COORDINATE DISCONNECTION OF EXISTING UTILITIES WITH THE APPROPRIATE UTILITY PROVIDER.
23. UTILITIES INDICATED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE SPECIFICATIONS. GRADING SHALL BE AS INDICATED, AND SHALL PRODUCE A FINISHED SURFACE WITH NO PONDING OF WATER.
24. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND IN HAND BEFORE BEGINNING ANY CONSTRUCTION. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. ANY PENALTIES, STOP WORK ORDERS OR ADDITIONAL WORK RESULTING FROM THE CONTRACTOR BEING IN VIOLATION OF THE ABOVE REQUIREMENTS, SHALL BE FULLY BORNE BY THE CONTRACTOR.
25. ALL CONTRACTORS/SUBCONTRACTORS THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION, SEDIMENTATION AND POLLUTION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS, AND PERMITS.
26. AREAS DISTURBED BY THE CONTRACTOR, WHICH ARE NOT PART OF THIS PROJECT, SHALL BE RETURNED TO ORIGINAL OR BETTER CONDITION PRIOR TO THE COMPLETION OF THE PROJECT AS DETERMINED BY THE AIRPORT.
27. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY THE APPLICABLE REGULATORY AGENCY.
28. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
29. PROTECT ALL EXISTING FEATURES AND EXISTING LANDSCAPING THAT WILL REMAIN. ANY ITEM DAMAGED DURING THE PERFORMANCE OF THE WORK WILL BE RESTORED TO ORIGINAL CONDITION, OR REPLACED WITH NEW AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID OVERLOADING PAVEMENTS WHICH WILL REMAIN.
30. EACH SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
31. SHEET KEYNOTES ON THE PLANS ARE SPECIFIC TO THAT SHEET ONLY. MISSING SEQUENTIAL NUMBERS DO NOT APPLY TO THAT SHEET.

2

TOTAL PROJECT EARTHWORK		
CUT VOLUME (CY)	FILL VOLUME (CY)	NET VOLUME (CY)
274.94	7.78	-267.16

EARTHWORK NOTES:

1. EARTHWORK VOLUMES ARE UNADJUSTED AND CALCULATED BY COMPARING EXISTING GROUND SURFACE AND PROPOSED GROUND SURFACE DTM. VOLUMES ALSO INCLUDE FOR PAVEMENT THICKNESS AND FOUNDATION FOR CUT VOLUMES.

LEGEND - SYMBOL

- CONTROL POINT
- BOLLARD
- CLEANOUT, SANITORY OR STORM
- ELECTRIC METER
- ELECTRIC HANDHOLE (PULLBOX)
- ELECTRICAL TRANSFORMER
- FIRE HYDRANT
- LIGHT/BEACON
- SINGLE LIGHT, LIGHT POLE
- DOUBLE LIGHT, LIGHT POLE
- POWER POLE
- SANITARY SEWER MANHOLE
- SIGN (SINGLE POST)
- STORM INLET, ROUND
- STORM INLET, SQUARE
- STORM FLARED END SECTION
- STORM SEWER MANHOLE
- TELECOMMUNICATIONS MANHOLE
- TELECOMMUNICATIONS PEDESTAL BOX
- WATER VALVE
- SEE X-XXX — SHEET REFERENCE
- SEE X/X-XXX — DETAIL REFERENCE
- INLET PROTECTION
- INLET PROTECTION

LEGEND - HATCH

- PROJECT AREA
- CRANE STAGING AREA
- DEMOLISH (E) CONCRETE PAVEMENT
- DEMOLISH (E) ASPHALT PAVEMENT
- DEMOLISH (E) SIDEWALK
- EXISTING CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE

LEGEND - LINETYPE

- EXISTING CONTOUR LINES
- PROPOSED CONTOUR LINES
- GRADE BREAK
- DISTURBANCE LIMITS
- PAVEMENT SAWCUT
- REMOVE
- REMOVE CONDUIT
- REMOVE ELECTRIC, UNDERGROUND
- REMOVE FENCE
- REMOVE SANITARY SEWER
- REMOVE STORM SEWER
- FAA
- BOUNDARY (PROJECT /CONSTRUCTION LIMITS)
- (E) GRADE BREAK / DRAINAGE CHANNEL DELINEATION
- GAS
- ELECTRIC, OVERHEAD
- ELECTRIC, UNDERGROUND
- EXISTING CONTOUR LINES
- PROPOSED CONTOUR LINES
- FENCE
- FENCE (2)
- FIBER OPTIC CABLE
- FUEL LINE
- WETLANDS
- HAUL or TRAFFIC ROUTE
- PROPERTY LINE
- SANITARY SEWER
- SIGNAL CABLE, UNDERGROUND
- STORM SEWER / CULVERT
- UNDERDRAIN
- WATER
- VEGETATION
- SEDIMENT LOG
- SILT FENCE
- GRADING LIMITS
- FLOW LINE
- FIBER ROLL
- SILT FENCE
- PAVEMENT SAWCUT

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SAN LUIS OBISPO COUNTY AIRPORT (SBP) BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/29/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

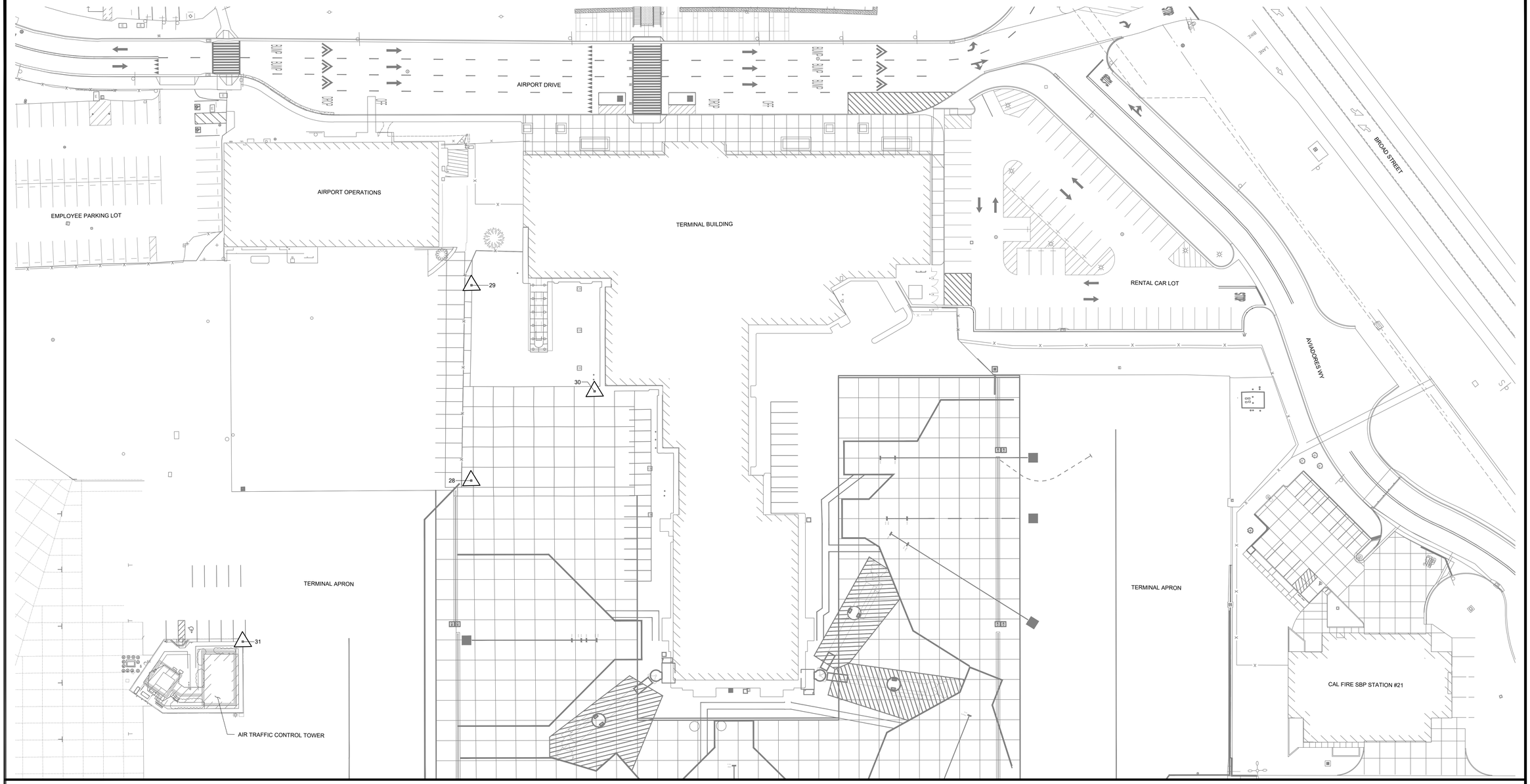
M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: STK
DRAWN BY: STK
CHECKED BY: RPG
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SHEET CONTENTS
GENERAL CIVIL NOTES, LEGEND, AND ABBREVIATIONS

SHEET NO.
GC-001

LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

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3/19/2026 11:21:46 AM



BASIS OF SURVEY:
SURVEY WAS PERFORMED BY TETRA TECH, INC. IN JANUARY 2024.

VERTICAL BENCHMARK STATEMENT
ELEVATIONS SHOWN HEREON ARE BASED UPON SAN LUIS OBISPO COUNTY, NGS DESIGNATION "SBP C", A FOUND 2" BRASS DISK MARKED "SLO COUNTY MON H-P" WITH A PUBLISHED ELEVATION OF 189.53' (NAVD 88).

BASIS OF COORDINATES AND BEARING:
THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF CALIFORNIA, ZONE 5 NAD83, IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTION 8801-8819, SAID COORDINATES AND BEARINGS ARE BASED LOCALLY UPON FIELD-OBSERVED TIES TO NGS DESIGNATED MONUMENTS "PAC SBP C" AND "SAC SBP E." THE GRID BEARING BETWEEN STATIONS BEING N84°22'17.90"W AS DERIVED FROM THE SOURCE GEODETIC VALUES.

"SBP C" COORDINATES IN NAD83 STATE PLANE ZONE 5
N: 2282541.63
E: 5773204.32

LEGEND

△# SURVEY CONTROL POINT

CONTROL POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
28	2283464.46	5773823.71	196.70	CPL 28 CUT X
29	2283609.89	5773827.97	197.95	CPL 29 CUT X
30	2283528.38	5773917.42	198.59	CPL 30 CUT X
31	2283349.29	5773650.26	196.53	CPL 31 CUT X

0 30 60

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

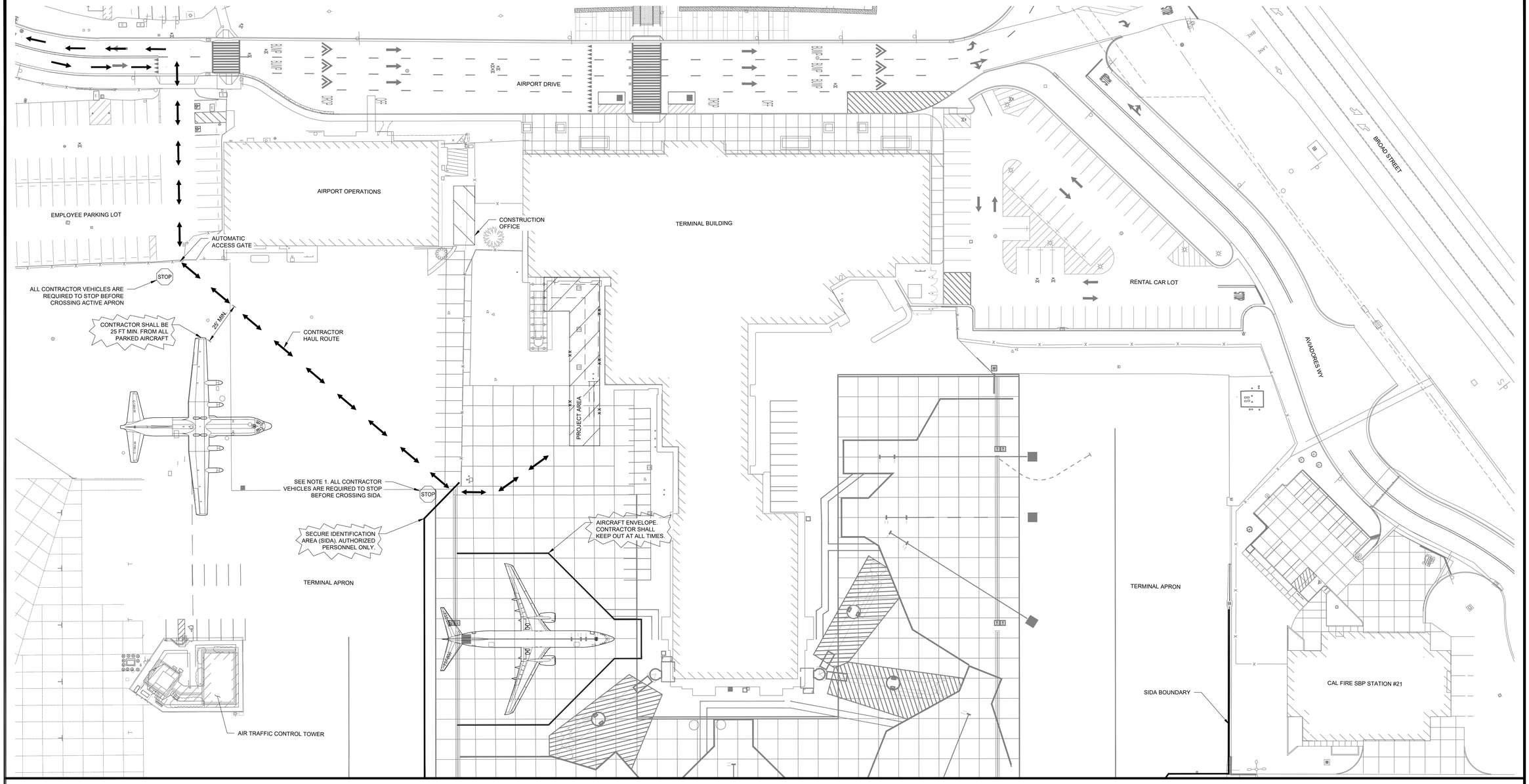
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SHEET CONTENTS
SURVEY CONTROL PLAN

SHEET NO.
GC-041

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CONSTRUCTION ACCESS NOTES:

1. ALL CONTRACTOR VEHICLES SHALL STOP AND BE INSPECTED BY AIRPORT OPERATIONS BEFORE ENTERING SIDA. CONTRACTOR VEHICLES SHALL NOT CROSS INTO SIDA WITHOUT PROPER AIRPORT APPROVAL.
2. ALL CONTRACTOR PERSONNEL SHALL NOT ENTER SIDA WITHOUT AIRPORT APPROVAL. PERSONNEL WORKING WITHIN SIDA MUST BE ESCORTED BY AN AUTHORIZED BADGE HOLDER AT ALL TIMES.
3. ARFF ACCESS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH AIRPORT TO CONFIRM APPROPRIATE ACCESS.
4. CONTRACTOR SHALL COORDINATE WITH AIRPORT FOR APRON ACCESS UNDER ACTIVE AIRCRAFT OPERATIONS.
5. BAGGAGE ACCESS FOR AIRLINE OPERATIONS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE TEMPORARY BAGGAGE ACCESS WITH AIRPORT AND AIRLINE WORKERS.
6. CONTRACTOR SHALL REMAIN A MINIMUM OF 25 FEET AWAY FROM ALL PARKED AIRCRAFT. CONTRACTOR SHALL CONTACT AIRPORT OPERATIONS WITH ANY QUESTIONS OR CONCERNS.
7. CONTRACTOR SHALL REPAIR ALL ROUTES TO EXISTING CONDITION AS DETERMINED BY THE AIRPORT. REPAIRS TO BE INCIDENTAL TO CONSTRUCTION WORK.

CONSTRUCTION ACCESS LEGEND

- CONTRACTOR HAUL ROUTE
- PROJECT AREA
- CONSTRUCTION OFFICE
- LOW PROFILE BARRICADES
- x x — TEMPORARY CONSTRUCTION FENCE

0 30 60

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SAN LUIS OBISPO COUNTY AIRPORT (SBP) BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

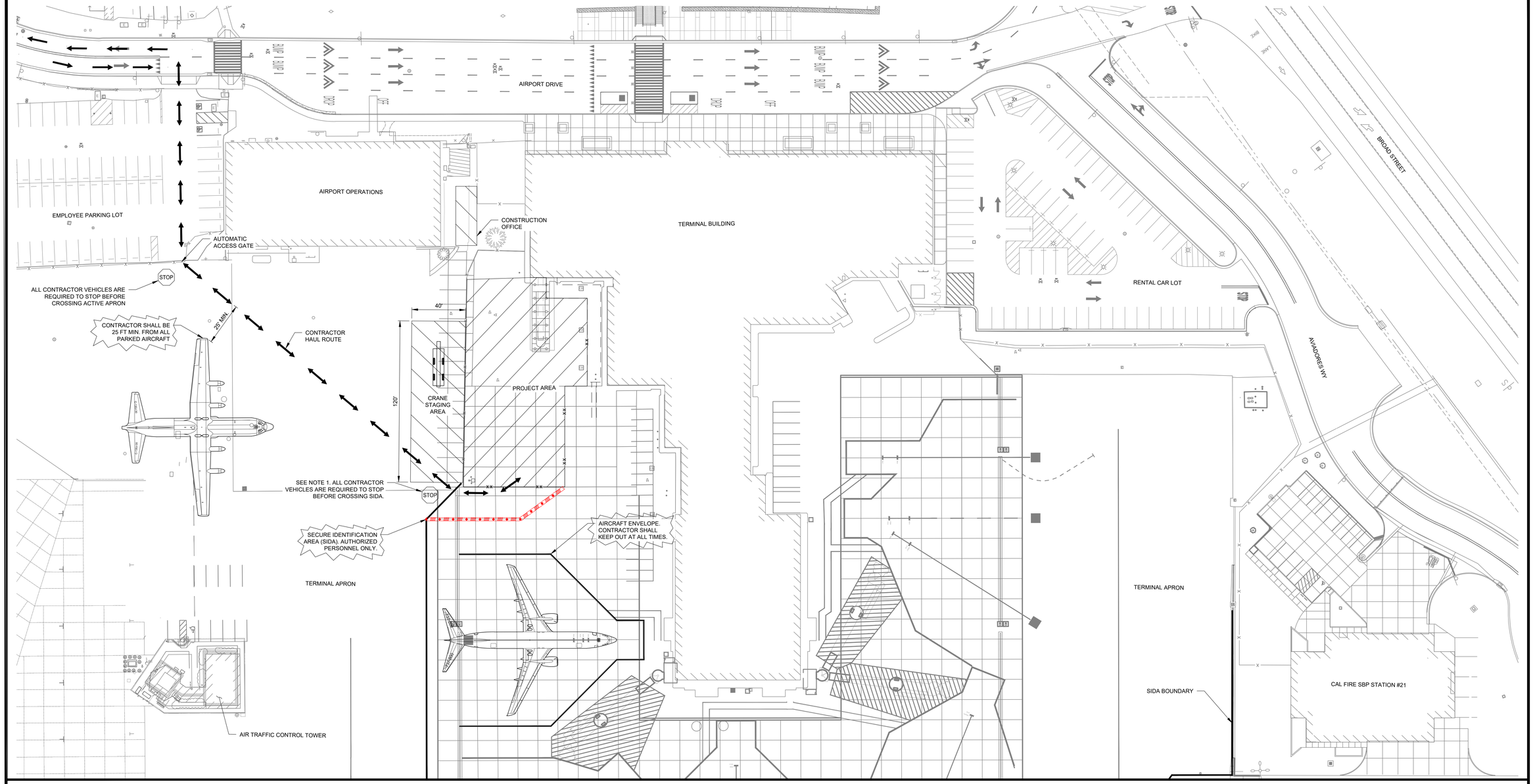
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SHEET CONTENTS
CONSTRUCTION ACCESS AND STAGING PLAN - PHASE 1

SHEET NO.
GC-081

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CONSTRUCTION ACCESS NOTES:

1. ALL CONTRACTOR VEHICLES SHALL STOP AND BE INSPECTED BY AIRPORT OPERATIONS BEFORE ENTERING SIDA. CONTRACTOR VEHICLES SHALL NOT CROSS INTO SIDA WITHOUT PROPER AIRPORT APPROVAL.
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7. CONTRACTOR SHALL REPAIR ALL ROUTES TO EXISTING CONDITION AS DETERMINED BY THE AIRPORT. REPAIRS TO BE INCIDENTAL TO CONSTRUCTION WORK.

CONSTRUCTION ACCESS LEGEND

- CONTRACTOR HAUL ROUTE
- PROJECT AREA
- CRANE STAGING AREA
- LOW PROFILE BARRICADES
- x x TEMPORARY CONSTRUCTION FENCE

0 30 60

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SAN LUIS OBISPO COUNTY AIRPORT (SBP) BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

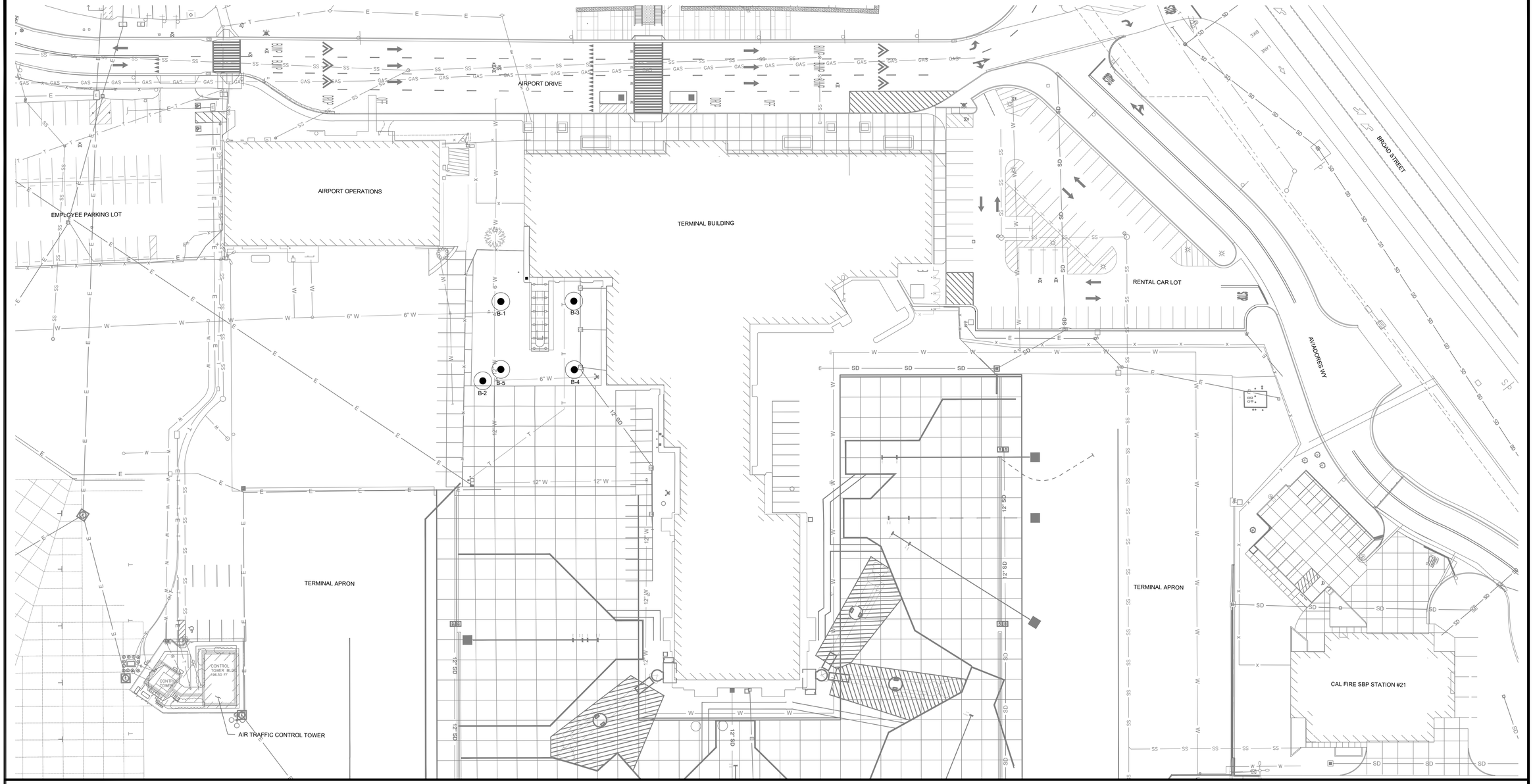
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SHEET CONTENTS
CONSTRUCTION ACCESS AND STAGING PLAN - PHASE 2

SHEET NO.
GC-082

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1/23/2026 9:29:26 AM



GEOTECHNICAL BORING NOTES:

B-1 BORING LOCATION (APPROX.) AS PROVIDED FROM GEOTECHNICAL REPORT TO SSG STRUCTURAL ENGINEERS FROM EARTH SYSTEMS PACIFIC DATED FEBRUARY 27, 2024

0 30 60

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

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SHEET CONTENTS
BORING PLAN

SHEET NO.
B-051

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Earth Systems Pacific

Boring No. 4
PAGE 1 OF 1
JOB NO.: 304536-011
DATE: 01/25/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
0			3.5" ASPHALT CONCRETE / 9.0" AGGREGATE BASE					
1	CL		SANDY LEAN CLAY: bluish gray, stiff, very moist (Fill)	1.0 - 3.0	○			
3	CH		SANDY FAT CLAY: dark grayish brown, stiff, very moist (Alluvium)					
5				5.0 - 6.5	■	95.5	27.4	5 11 22
7	SC		CLAYEY SAND: dark yellowish brown, medium dense, slightly moist (Older Alluvium)					
9			trace gravel	10.0 - 11.5	●			7 17 17
11	CL		SANDY LEAN CLAY: dark yellowish brown, very stiff, slightly moist					
15				15.0 - 16.5	●			6 7 16
16	SC		CLAYEY SAND: olive brown, medium dense, slightly moist, trace gravel					
			End of Boring @ 16.5' No subsurface water encountered					

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

Earth Systems Pacific

Boring No. 3
PAGE 1 OF 2
JOB NO.: 304536-011
DATE: 01/24/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
0			3.5" ASPHALT CONCRETE / 11.0" AGGREGATE BASE					
2	SP		POORLY GRADED SAND: brown, medium dense, moist (Fill)					
3	CH		SANDY FAT CLAY: dark grayish brown, stiff, very moist, trace hydrocarbon odor (Alluvium)	3.5 - 5.0	○			
5				5.0 - 6.5	■	98.7	21.3	3 4 6
9	SC		CLAYEY SAND: dark yellowish brown, medium dense, slightly moist, trace gravel (Older Alluvium)	10.0 - 11.5	■	100.9	21.5	8 17 32
15				15.0 - 16.5	●			7 11 14
19			light yellowish brown, moist	20.0 - 21.3	●			23 29 50/3"
21			very dense, slightly moist					
23			dark yellowish brown, moist					
25			light yellowish brown, slightly moist	25.0 - 25.9	●			5 50/5"

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

Earth Systems Pacific

Boring No. 2
PAGE 1 OF 2
JOB NO.: 304536-011
DATE: 01/24/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
0			4.5" ASPHALT CONCRETE / 11.0" AGGREGATE BASE					
1	CL		SANDY LEAN CLAY: pale brown, stiff, very moist, trace gravel (Fill)	1.5 - 3.5	○			
3	CL		SANDY LEAN CLAY: dark grayish brown, stiff, very moist (Alluvium)					
5	CL		SANDY LEAN CLAY: very light yellowish brown, stiff, very moist (Older Alluvium)	5.0 - 6.0	■	94.0	24.3	10 50/6"
9	SC		CLAYEY SAND WITH GRAVEL: dark yellowish brown with red and black mottling, dense, moist	10.0 - 11.5	●			8 16 21
15	CL		SANDY LEAN CLAY: dark yellowish brown, very stiff, very moist	15.0 - 16.5	●			6 12 12
19			light yellowish brown, slightly moist	20.0 - 21.5	●			18 25 43
23	SC		CLAYEY SAND: dark yellowish brown, medium dense, moist	23.0 - 24.5	●			6 13 15

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

Earth Systems Pacific

BORING LOG LEGEND

SAMPLE / SUBSURFACE WATER SYMBOLS	GRAPH SYMBOL
CALIFORNIA MODIFIED	■
STANDARD PENETRATION TEST (SPT)	●
SHELBY TUBE	▭
BULK	◯
SUBSURFACE WATER DURING DRILLING	▼
SUBSURFACE WATER AFTER DRILLING	▽

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

MAJOR DIVISIONS	GROUP SYMBOL	TYPICAL DESCRIPTIONS	GRAPH SYMBOL
COARSE GRAINED SOILS: MORE THAN 50% RETAINED ON NO. 200 SIEVE	GW	WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES	
	GP	POORLY GRADED GRAVELS, OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES	
	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES, NON-PLASTIC FINES	
	GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES, PLASTIC FINES	
	SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES	
	SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES	
	SM	SILTY SANDS, SAND-SILT MIXTURES, NON-PLASTIC FINES	
	SC	CLAYEY SANDS, SAND-CLAY MIXTURES, PLASTIC FINES	
FINE GRAINED SOILS: MORE THAN 50% PASSING NO. 200 SIEVE	ML	INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY	
	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	
	OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY	
	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS	
	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS	
	OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS	
	PT	PEAT AND OTHER HIGHLY ORGANIC SOILS	

OBSERVED MOISTURE CONDITION

DRY	SLIGHTLY MOIST	MOIST	VERY MOIST	WET (SATURATED)

CONSISTENCY

COARSE GRAINED SOILS			FINE GRAINED SOILS		
BLOWS/FOOT		DESCRIPTIVE TERM	BLOWS/FOOT		DESCRIPTIVE TERM
SPT	CA SAMPLER		SPT	CA SAMPLER	
0-10	0-16	LOOSE	0-2	0-3	VERY SOFT
11-30	17-50	MEDIUM DENSE	3-4	4-7	SOFT
31-50	51-83	DENSE	5-8	8-13	MEDIUM STIFF
OVER 50	OVER 83	VERY DENSE	9-15	14-25	STIFF
			16-30	26-50	VERY STIFF
			OVER 30	OVER 50	HARD

GRAIN SIZES

U.S. STANDARD SERIES SIEVE					CLEAR SQUARE SIEVE OPENING	
# 200	# 40	# 10	# 4	3/4"	3"	12"

SILT & CLAY	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		

TYPICAL BEDROCK HARDNESS

MAJOR DIVISIONS	TYPICAL DESCRIPTIONS
EXTREMELY HARD	CORE, FRAGMENT, OR EXPOSURE CANNOT BE SCRATCHED WITH KNIFE OR SHARP PICK; CAN ONLY BE CHIPPED WITH REPEATED HEAVY HAMMER BLOWS
VERY HARD	CANNOT BE SCRATCHED WITH KNIFE OR SHARP PICK, CORE OR FRAGMENT BREAKS WITH REPEATED HEAVY HAMMER BLOWS
HARD	CAN BE SCRATCHED WITH KNIFE OR SHARP PICK WITH DIFFICULTY (HEAVY PRESSURE); HEAVY HAMMER BLOW REQUIRED TO BREAK SPECIMEN
MODERATELY HARD	CAN BE GROOVED 1/16 INCH DEEP BY KNIFE OR SHARP PICK WITH MODERATE OR HEAVY PRESSURE; CORE OR FRAGMENT BREAKS WITH LIGHT HAMMER BLOW OR HEAVY MANUAL PRESSURE
SOFT	CAN BE GROOVED OR GOUGED EASILY BY KNIFE OR SHARP PICK WITH LIGHT PRESSURE; CAN BE SCRATCHED WITH FINGERNAIL; BREAKS WITH LIGHT TO MODERATE MANUAL PRESSURE
VERY SOFT	CAN BE READILY INDENTED, GROOVED OR GOUGED WITH FINGERNAIL, OR CARVED WITH KNIFE; BREAKS WITH LIGHT MANUAL PRESSURE

TYPICAL BEDROCK WEATHERING

MAJOR DIVISIONS	TYPICAL DESCRIPTIONS
UNWEATHERED	NO DISCOLORATION, NOT OXIDIZED
SLIGHTLY WEATHERED	DISCOLORATION OR OXIDATION IS LIMITED TO SURFACE OF, OR SHORT DISTANCE FROM, FRACTURES; SOME FELDSPAR CRYSTALS ARE DULL
MODERATELY WEATHERED	DISCOLORATION OR OXIDATION EXTENDS FROM FRACTURES, USUALLY THROUGHOUT; Fe-Mg MINERALS ARE "ROTTY" FELDSPAR CRYSTALS ARE "CLOUDY"
HIGHLY WEATHERED	DISCOLORATION OR OXIDATION THROUGHOUT; FELDSPAR AND Fe-Mg MINERALS ARE ALTERED TO CLAY TO SOME EXTENT, OR CHEMICAL ALTERATION PRODUCES IN SITU DISAGGREGATION
DECOMPOSED	DISCOLORATION OR OXIDATION THROUGHOUT, BUT RESISTANT MINERALS SUCH AS QUARTZ MAY BE UNALTERED; FELDSPAR AND Fe-Mg MINERALS ARE COMPLETELY ALTERED TO CLAY

Earth Systems Pacific Log Legend 2021.dwg

Earth Systems Pacific

Boring No. 5
PAGE 1 OF 1
JOB NO.: 304536-011
DATE: 01/25/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
0			3.0" ASPHALT CONCRETE / 12.0" AGGREGATE BASE					
1	CL		SANDY LEAN CLAY WITH GRAVEL: bluish gray, stiff, very moist (Fill)	3.0 - 5.0	○			
3	CH		SANDY FAT CLAY: dark grayish brown, stiff, very moist (Alluvium)					
5				5.0 - 6.5	■	97.7	25.8	4 9 42
7	CL		SANDY LEAN CLAY: very light yellowish brown, hard, slightly moist (Older Alluvium)					
9	SC		CLAYEY SAND WITH GRAVEL: dark yellowish brown with green and red mottling, dense, slightly moist	10.0 - 11.5	●			15 14 20
13	CL		SANDY LEAN CLAY: dark yellowish brown, very stiff, slightly moist					
15				15.0 - 16.5	●			3 7 10
			End of Boring @ 16.5' No subsurface water encountered					

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

Earth Systems Pacific

Boring No. 3
PAGE 2 OF 2
JOB NO.: 304536-011
DATE: 01/24/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT 8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
28	SC		CLAYEY SAND: same as above					
30				30.0 - 31.5	●			10 27 50/6"
31			CLAYEY SAND WITH GRAVEL: dark yellowish brown with white and red mottling, very dense, moist					
			End of Boring @ 31.5' No subsurface water encountered					

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

Earth Systems Pacific

Boring No. 2
PAGE 2 OF 2
JOB NO.: 304536-011
DATE: 01/24/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT 8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
28	SC		CLAYEY SAND: same as above					
30			olive brown with red mottling	30.0 - 31.1	●			13 44 50/1"
31			SANDSTONE: light yellowish brown, moderately hard, slightly moist, slightly weathered (Franciscan Melange)					
			End of Boring @ 31.1' No subsurface water encountered					

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

Earth Systems Pacific

Boring No. 1
PAGE 1 OF 1
JOB NO.: 304536-011
DATE: 01/24/2024

LOGGED BY: A. Flynn
DRILL RIG: GTech GT8 with Automatic Hammer
AUGER TYPE: 6" Hollow Stem

San Luis Obispo County Airport
Outbound Baggage Expansion
975 Airport Drive
San Luis Obispo, California

DEPTH (feet)	USCS CLASS	SYMBOL	SOIL DESCRIPTION	SAMPLE DATA: INTERVAL (feet)	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.
0			3.5" ASPHALT CONCRETE / 12.0" AGGREGATE BASE					
1	CL		SANDY LEAN CLAY: pale brown, medium stiff, very moist (Fill)	1.5 - 4.0	○			
4	SP-SC		POORLY GRADED SAND WITH CLAY: pale brown, medium dense, very moist (Fill)					
5	CH		SANDY FAT CLAY: dark grayish brown, stiff, moist (Alluvium)	5.0 - 6.5	■	103.5	18.3	5 8 12
8	CL		SANDY LEAN CLAY: light yellowish brown, hard, moist (Older Alluvium)					
10			slightly moist	10.0 - 11.5	■	87.0	23.7	6 34 23
15			very moist	15.0 - 16.5	●			19 16 17
			End of Boring @ 16.5' No subsurface water encountered					

LEGEND: ■ Ring Sample ○ Grab Sample ▭ Shelby Tube Sample ● SPT
NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

NOTES:

1. INFORMATION PROVIDED IS BASED ON GEOTECHNICAL BORINGS PERFORMED BY EARTH SYSTEMS PACIFIC ON 1/24/2024 AND 1/25/2024.
2. GEOTECHNICAL REPORT WAS PREPARED FOR SSG STRUCTURAL ENGINEERS BY EARTH SYSTEMS PACIFIC.

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

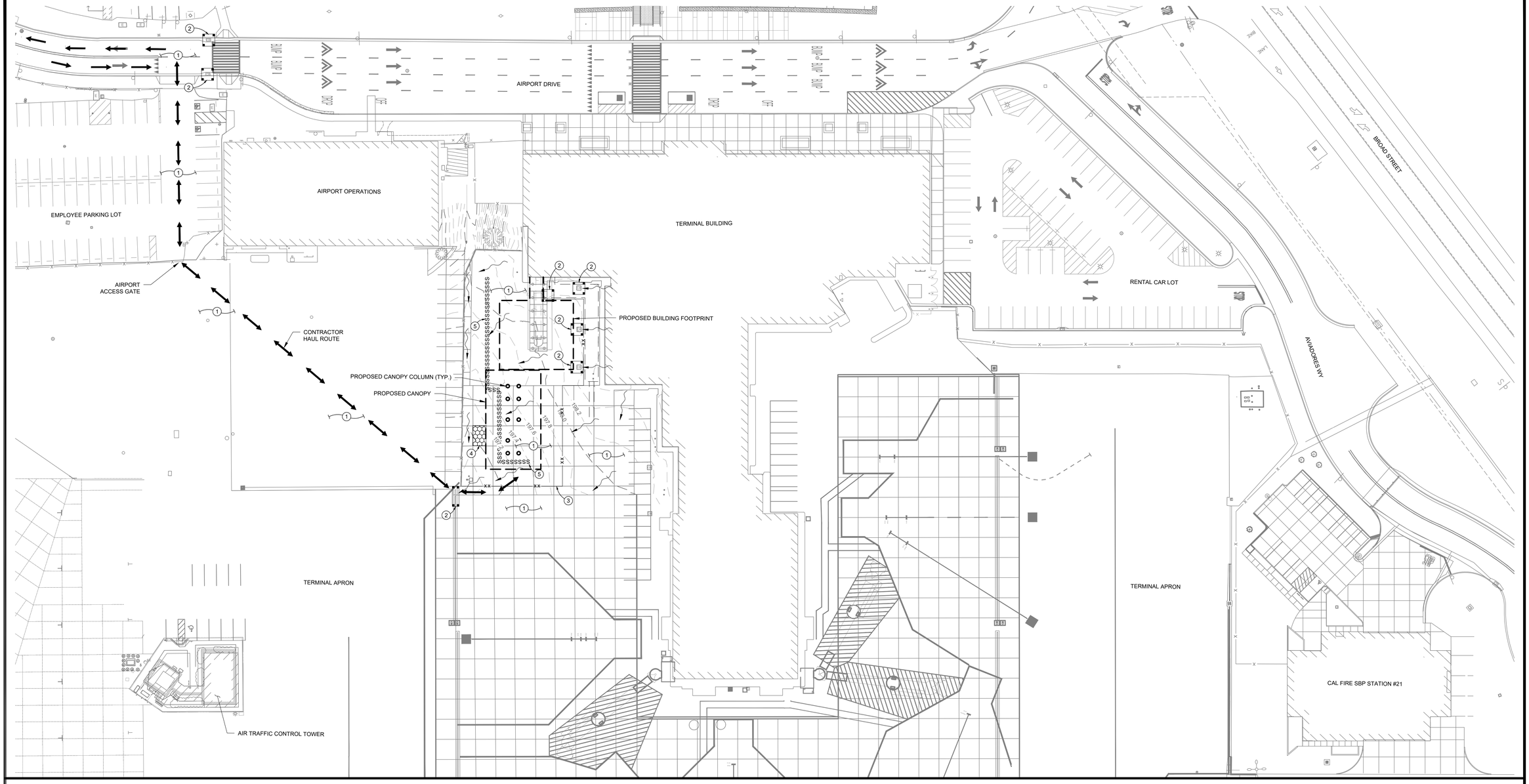
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1 09/29/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

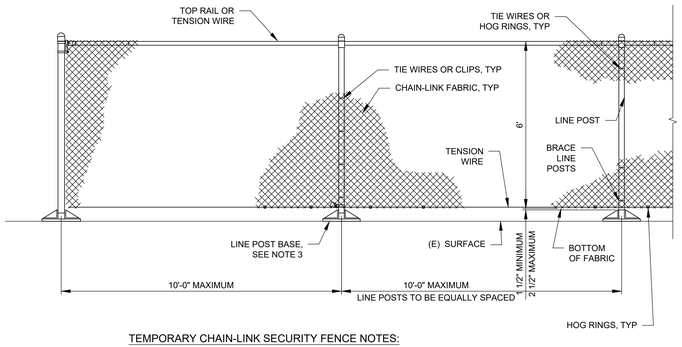
M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: STK
DRAWN BY: STK
CHECKED BY: RPG
DO NOT SCALE DRAWINGS

SHEET CONTENTS
BORING LOGS

SHEET NO.
B-052

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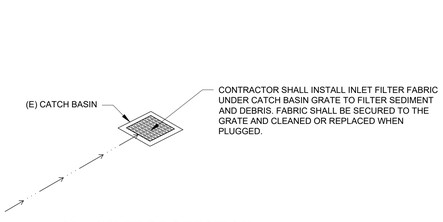
TEMPORARY CHAIN-LINK SECURITY FENCE NOTES:

1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION THAT COMPLY WITH AIRPORT REQUIREMENTS.
2. TEMPORARY FENCING SHALL BE APPROVED BY THE AIRPORT.
3. WIRE TIES, RAILS, AND POSTS SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE SIDE OPPOSITE THE SECURE AREA.
4. FENCE SHALL BE WEIGHTED AND SECURED AGAINST HIGH WINDS.

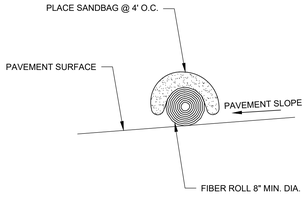
2 TEMPORARY FENCE DETAIL
NOT TO SCALE

GENERAL EROSION CONDITIONS NOTES.

1. IN GENERAL, THE CONTRACTOR SHALL COMPLY WITH ALL EROSION AND SILTATION CONTROL MEASURES AND PRACTICES DESCRIBED IN THE CALIFORNIA STORMWATER BMP HANDBOOK, CONSTRUCTION, PUBLISHED BY THE CALIFORNIA STORMWATER QUALITY ASSOCIATION (CURRENT EDITION).
2. THE CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE/EXIT WHERE IDENTIFIED ON THE EROSION CONTROL PLANS. COORDINATE PRECISE LOCATIONS WITH THE RPR DURING OR PRIOR TO THE PRE-CONSTRUCTION MEETING.
3. THE CONTRACTOR SHALL INSTALL ALL APPROPRIATE STORMWATER, EROSION, AND SILTATION CONTROL MEASURES AS REQUIRED FOR STAGING, STOCKPILE, OR STORAGE LOCATIONS. NO SEPARATE PAYMENT SHALL BE MADE FOR MEASURES IN STAGING, STOCKPILE, OR STORAGE LOCATIONS FOR THE COSTS SHALL BE CONSIDERED INCIDENTAL TO THE WORK INVOLVED AND INCLUDED IN THE COST TO MOBILIZE AND COMPLY WITH POLLUTION, EROSION, AND SILTATION CONTROL.
4. STAGING AREAS TO BE RESTORED TO MATCH EXISTING CONDITIONS.
5. SERVICING AND FUELING OF CONSTRUCTION VEHICLES WILL BE ACCOMPLISHED WITH USE OF THE FOLLOWING BEST MANAGEMENT PRACTICES:
   - SERVICING AND FUELING WILL TAKE PLACE AS FAR AS PRACTICAL FROM WATERWAYS AND DRAINAGE FEATURES
   - WHEN FUELING, TANKS WILL NOT BE TOPPED OFF
   - SECONDARY CONTAINMENT, SUCH AS A DRAIN PAN OR DRAIN CLOTH, WILL BE USED WHEN FUELING TO CATCH SPILLS OR LEAKS
   - STORAGE OF HAZARDOUS MATERIALS WILL BE AS FAR AS PRACTICAL FROM WATERWAYS AND DRAINAGE FEATURES
6. CONTRACTOR SHALL MAINTAIN AIRLINE ACCESS TO TEMPORARY BAGGAGE SYSTEM THROUGHOUT CONSTRUCTION.



2 INLET PROTECTION
NOT TO SCALE



1 TEMPORARY FIBER ROLL DETAIL
NOT TO SCALE

EROSION CONTROL NOTES:

1. PROVIDE CONTINUAL SWEEPING PER CASQA SE-7
2. PROVIDE INLET PROTECTION PER DETAIL 2/C-021
3. CONSTRUCT TEMPORARY CONSTRUCTION FENCE AND ACCESS GATE, PER DETAIL 3/C-021
4. PROVIDE TEMPORARY CONCRETE WASHOUT PER CASQA WM-8
5. PROVIDE TEMPOROARY FIBER ROLL PER DETAIL 1/C-021

EROSION CONTROL LEGEND

- CONCRETE WASHOUT
- INLET PROTECTION
- xx TEMPORARY CONSTRUCTION FENCE
- SSSSSSSSSSSSS TEMPORARY FIBER ROLL
- EXISTING SURFACE FLOW
- CONTRACTOR HAUL ROUTE

0 30 60

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SAN LUIS OBISPO COUNTY AIRPORT (SBP) BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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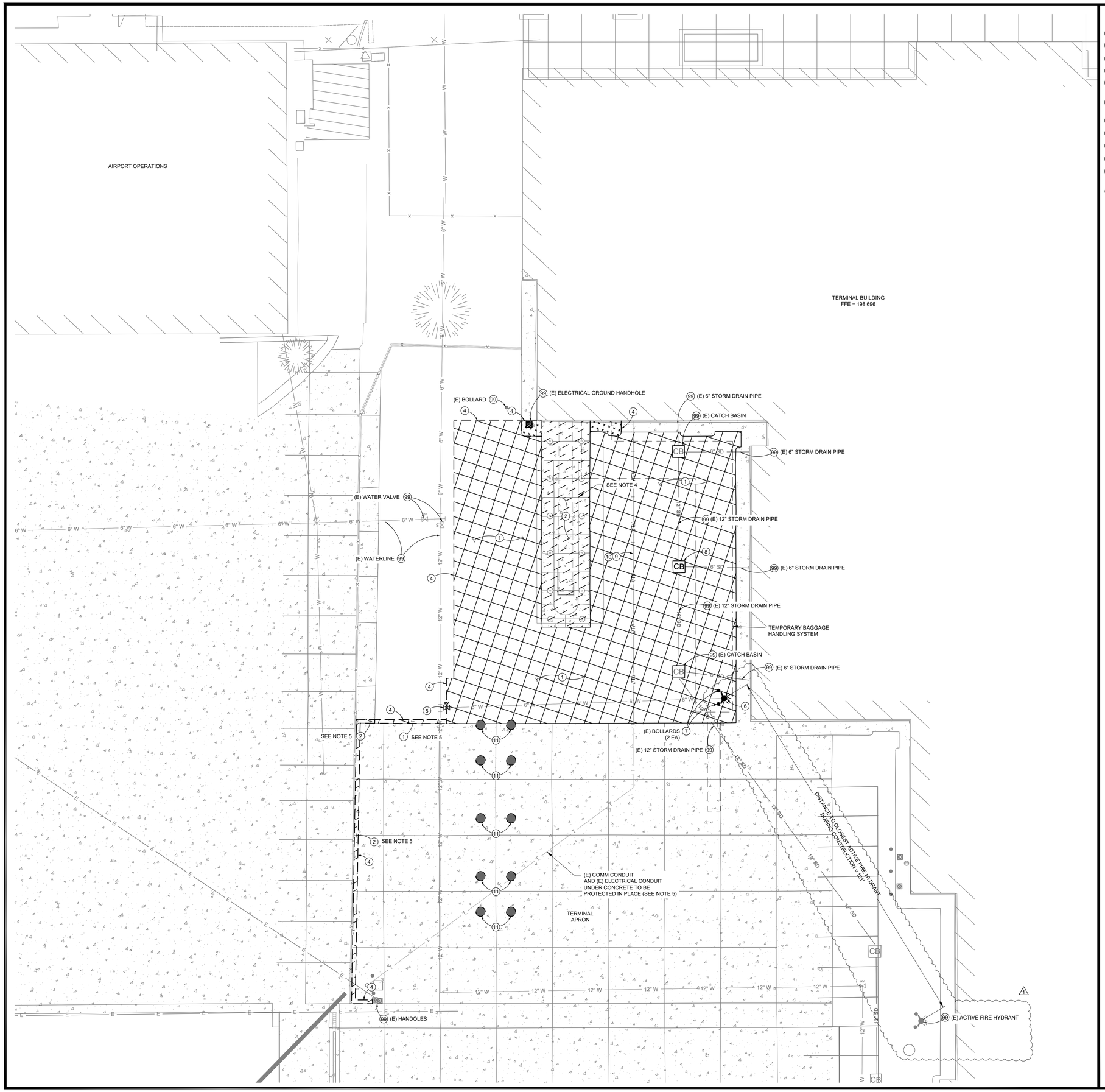
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SHEET CONTENTS
EROSION CONTROL PLAN

SHEET NO.
C-021

LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineering
STATE OF CALIFORNIA

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DEMOLITION ITEMS

1. DEMOLISH (E) ASPHALT CONCRETE PAVEMENT
2. DEMOLISH (E) CONCRETE PAVEMENT
3. DEMOLISH (E) CONCRETE SIDEWALK
4. SAWCUT PAVEMENT EDGE
5. DEMOLISH (E) VALVE BOX AND PROTECT VALVE IN PLACE. TO BE REINSTALLED PER DETAIL 2/C-501
6. REMOVE, SALVAGE, AND CAP (E) FIRE HYDRANT. TO BE REINSTALLED PER SHEET C-401
7. REMOVE (E) BOLLARDS
8. REMOVE (E) CATCH BASIN
9. DEMOLISH (E) COMMUNICATION AND CABLE
10. DEMOLISH (E) ELECTRICAL CONDUIT
11. DRILL 30" DIA. PER STRUCTURAL SHEET S-102 AND DETAIL 53/S-502

99 PROTECT IN PLACE

HATCH LEGEND

- DEMOLISH CONCRETE PAVEMENT
- DEMOLISH ASPHALT CONCRETE PAVEMENT
- DEMOLISH SIDEWALK
- SAWCUT PAVEMENT EDGE
- DEMOLISH COMMUNICATIONS LINE

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA HAVE BEEN MARKED IN THE FIELD BY THE CONTRACTOR . THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND DEPTHS FROM AVAILABLE RESOURCES AND OTHER APPROPRIATE MEANS OF DETECTION. THE CONTRACTOR SHALL USE CAUTION DURING DEMOLITION TO NOT DAMAGE EXISTING PAVEMENTS, UTILITIES, OR ITEMS TO REMAIN. ANY DAMAGE TO EXISTING ITEMS NOT SHOWN FOR REMOVAL SHALL BE REPAIRED OR REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT. NO SEPARATE COMPENSATION FOR ASSOCIATED DELAYS OR COSTS WILL BE ACCEPTED.
2. ALL EXISTING UTILITIES AND ITEMS NOT LABELED TO BE REMOVED ARE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
3. REMOVAL LIMITS FOR CONCRETE SIDEWALKS SHALL FOLLOW LOCATION OF (E) CONSTRUCTION JOINTS.
4. CONTRACTOR SHALL REFER TO ARCHITECTURE SHEET AD-101 FOR EXISTING CANOPY AND BAGGAGE SYSTEM REMOVAL.
5. IF EXISTING TELECOMMUNICATION CONDUITS ARE IMPACTED BY THE CONSTRUCTION OF THE CANOPY FOUNDATION, THE CONTRACTOR SHALL DEMOLISH CONCRETE AND ASPHALT PAVEMENTS REQUIRED TO RE-ROUTE A NEW TELECOMMUNICATION DUCT BANK TO THE TERMINAL BUILDING. CONDUITS CAN ALSO BE INSTALLED USING A DIRECTIONAL BORE.

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BAGGAGE SCREENING MODS.

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SAN LUIS OBISPO, CA 93401

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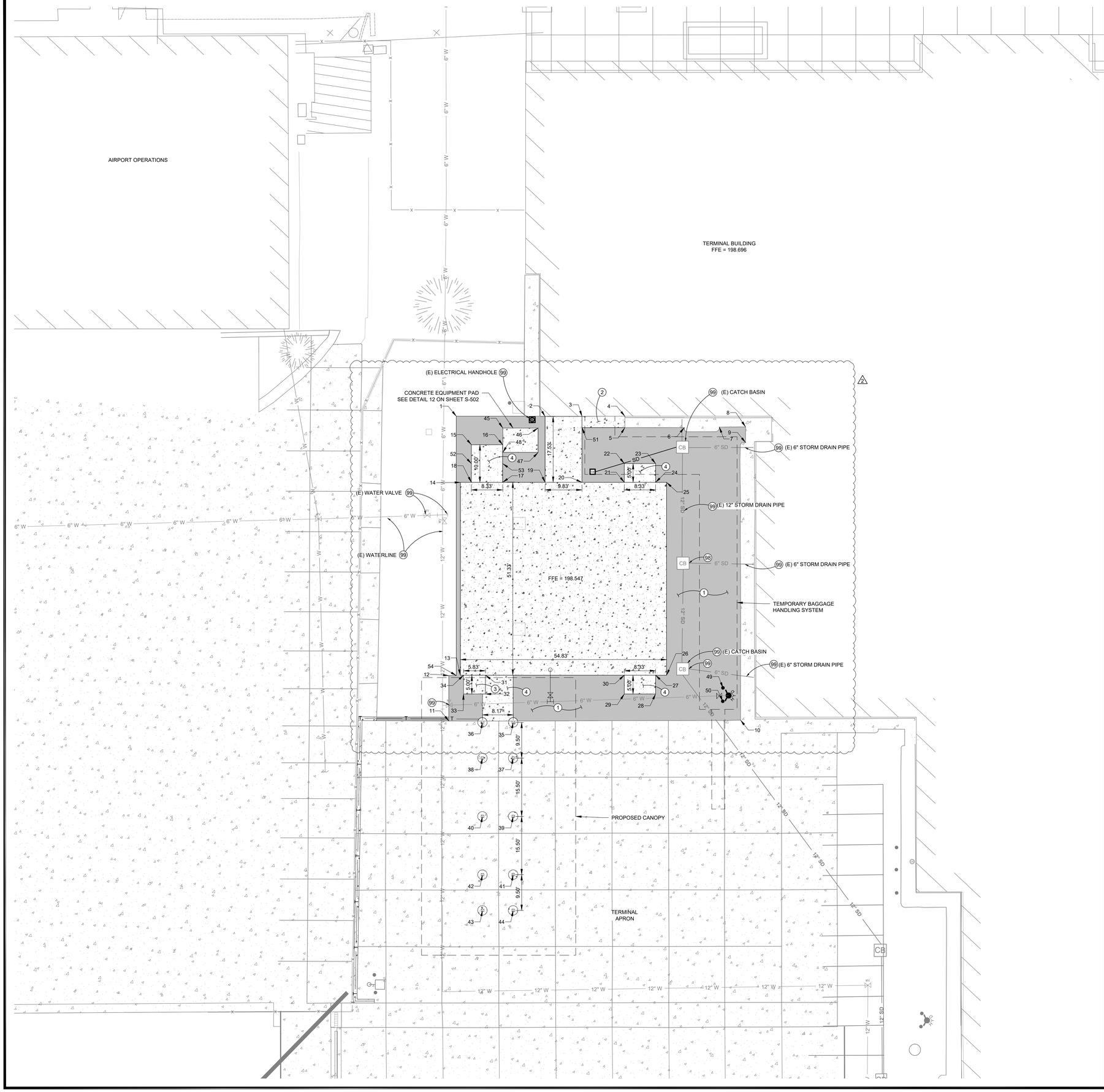
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STATE OF CALIFORNIA

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SHEET CONTENTS:
DEMOLITION PLAN

SHEET NO.
C-051

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CONSTRUCTION ITEMS

1. CONSTRUCT (N) ASPHALT CONCRETE PAVEMENT PER DETAIL 2/C-311
2. CONSTRUCT (N) CONCRETE LANDING PER DETAIL 1A/C-311
3. CONSTRUCT (N) CONCRETE LANDING WITH STEP PER DETAIL 10/C-311
4. CONSTRUCT (N) CONCRETE SLAB ON GRADE PER DETAIL 1B/C-311
98. ADJUST CATCH BASIN TO GRADE, SEE SHEET C-201
99. PROTECT IN PLACE

LEGEND

- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE
- EXISTING CONCRETE PAVEMENT

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL POTHOLE TO VERIFY THE DEPTH OF (E) UTILITIES PRIOR TO CONSTRUCTION.
2. WORK SHALL BE PERFORMED IN ACCORDANCE WITH CONSTRUCTION SAFETY AND PHASING PLANS. SEE "GC-" SERIES SHEETS.
3. CONTRACTOR SHALL VERIFY LOCATION OF THE PROPOSED BUILDING LAYOUT IN RELATION TO THE EXISTING TERMINAL BUILDING. (2)

(2)

POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1	2283614.81	5773848.26	198.21
2	2283614.11	5773871.83	198.70
3	2283613.83	5773881.66	198.70
4	2283613.56	5773893.06	198.63
5	2283610.55	5773892.98	198.59
6	2283610.11	5773908.77	198.61
7	2283610.00	5773918.08	198.60
8	2283609.86	5773925.07	198.61
9	2283605.68	5773924.95	198.61
10	2283531.94	5773921.56	198.63
11	2283533.89	5773844.00	197.53
12	2283545.96	5773844.33	197.53
13	2283545.98	5773847.42	198.55
14	2283597.21	5773848.85	198.55
15	2283607.13	5773852.04	198.35
16	2283606.89	5773860.37	198.90
17	2283596.90	5773860.09	198.55
18	2283597.13	5773851.76	198.55
19	2283596.58	5773871.34	198.55
20	2283596.31	5773881.17	198.55
21	2283596.00	5773892.42	198.55
22	2283600.99	5773892.56	198.45
23	2283600.76	5773900.89	198.45
24	2283595.76	5773900.75	198.55
25	2283595.68	5773903.66	198.55
26	2283544.45	5773902.23	198.55
27	2283544.53	5773899.31	198.55

POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
28	2283539.53	5773899.18	198.45
29	2283539.77	5773890.85	198.45
30	2283544.77	5773890.98	198.55
31	2283545.80	5773854.08	198.55
32	2283540.80	5773853.94	198.45
33	2283540.96	5773848.11	198.45
34	2283545.96	5773848.25	198.55
35	2283533.04	5773861.10	N/A
36	2283533.27	5773852.94	N/A
37	2283523.55	5773860.84	N/A
38	2283523.77	5773852.67	N/A
39	2283508.05	5773860.41	N/A
40	2283508.28	5773852.24	N/A
41	2283492.56	5773859.97	N/A
42	2283492.79	5773851.81	N/A
43	2283483.28	5773851.54	N/A
44	2283483.06	5773859.71	N/A
45	2283611.35	5773860.50	198.92
46	2283611.09	5773869.91	198.92
47	2283604.59	5773869.73	198.92
48	2283604.85	5773860.32	198.92
49	2283540.64	5773917.13	198.53
50	2283537.08	5773916.98	198.56
51	2283610.87	5773881.58	198.67
52	2283602.13	5773851.90	198.45
53	2283601.90	5773860.23	198.45
54	2283545.91	5773846.33	197.56

0 10 20

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

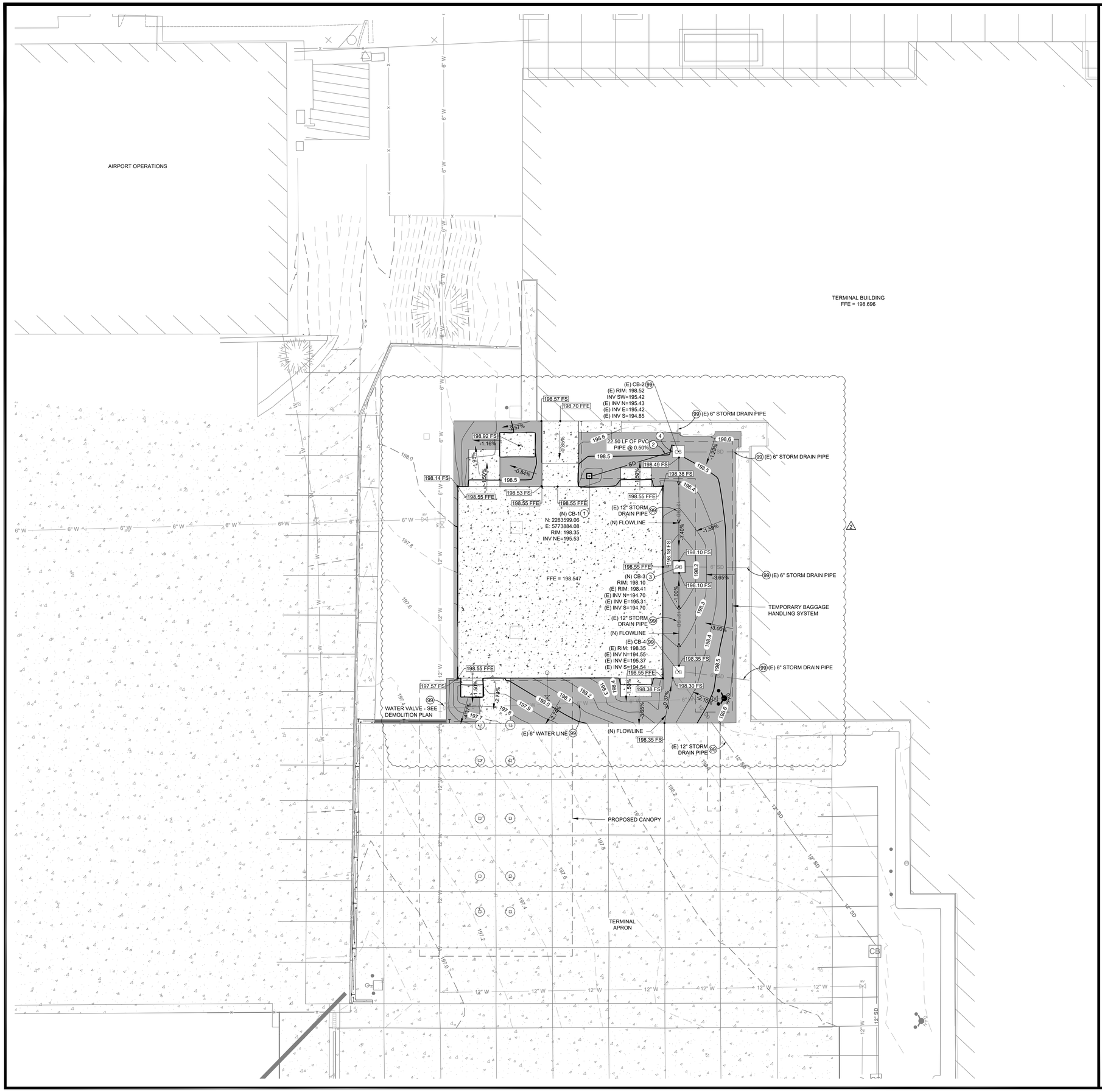
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1 09/29/25 PERMIT REVISIONS
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M&H NO.: 1943000-222814.02
DATE: January 26, 2026
DESIGNED BY: CJM
DRAWN BY: CJM
CHECKED BY: RPG
DO NOT SCALE DRAWINGS

SHEET CONTENTS
CIVIL SITE PLAN

SHEET NO.
C-101

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1/23/2026 8:30:39 AM



GRADING AND DRAINAGE ITEMS

1. CONSTRUCT (N) 18" X 18" PRECAST CATCH BASIN PER DETAIL 9/C-311
2. CONSTRUCT (N) 12" PVC STORM DRAIN PIPE PER DETAIL 8/C-311
3. INSTALL (N) CATCH BASIN TO GRADE PER DETAIL 9/C-311
4. CONNECT (N) STORM DRAIN PIPE TO EXISTING CATCH BASIN PER DETAIL 7/C-311

99 PROTECT IN PLACE

LEGEND

- PROPOSED ASPHALT PAVEMENT
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE
- PROPOSED FLOWLINE

GENERAL GRADING AND DRAINAGE NOTES:

1. (E) CONTOURS DEPICTED AT 0.2' INTERVALS. PROPOSED CONTOURS DEPICTED AT 0.1' INTERVALS.
2. CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF (E) INVERTS AND MATCHING PAVEMENT EDGES PRIOR TO START OF CONSTRUCTION.
3. MATCH (E) PAVEMENT AT ALL UTILITY TRENCH PATCHES WHERE PROPOSED CONTOURS ARE NOT SHOWN.
4. A SOIL OR CIVIL ENGINEER TO DETERMINE GRADING PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND IS SUITABLE TO SUPPORT THE INTENDED STRUCTURE(S).
5. FINAL REPORTS SHALL BE IN ACCORDANCE WITH TITLE 19.12.150 AND 19.12.160(A). (CBC 1704.6).

Mead & Hunt

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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CHECKED BY:	RPG

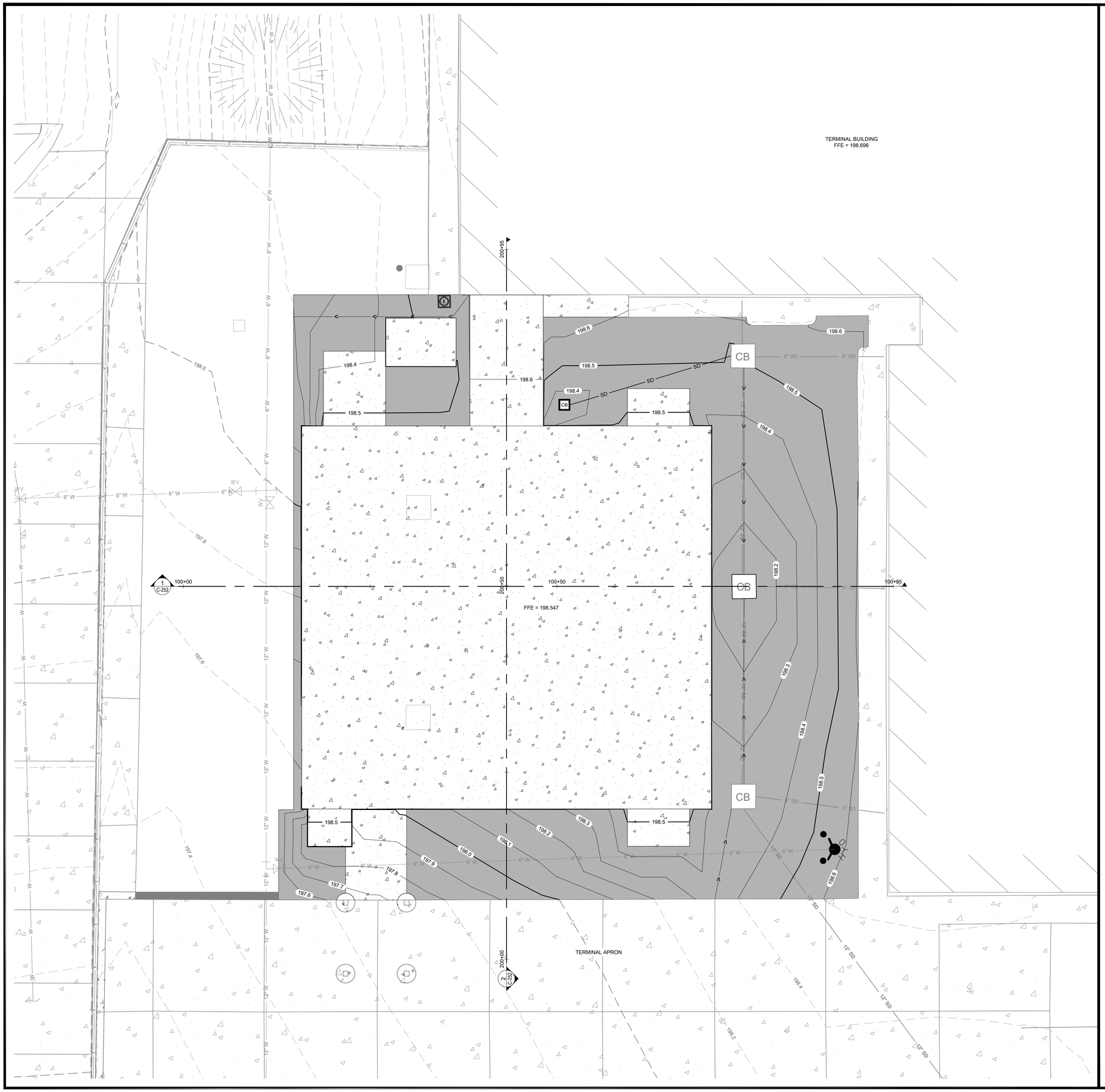
DO NOT SCALE DRAWINGS

SHEET CONTENTS
GRADING AND DRAINAGE

LICENSED PROFESSIONAL ENGINEER
Rafael P. Gomez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

SHEET NO.
C-201

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1/23/2026 8:30:19 AM



LEGEND

- PROPOSED ASPHALT PAVEMENT
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE
- PROPOSED FLOWLINE

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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M&H NO.:	1943000-222814.02
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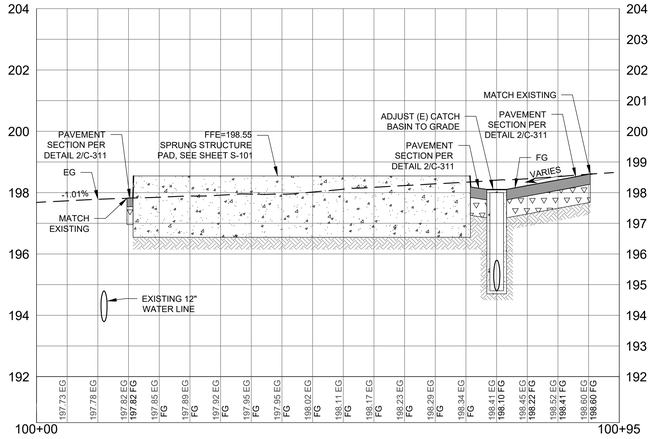
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SHEET CONTENTS
CROSS SECTION PLAN

LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

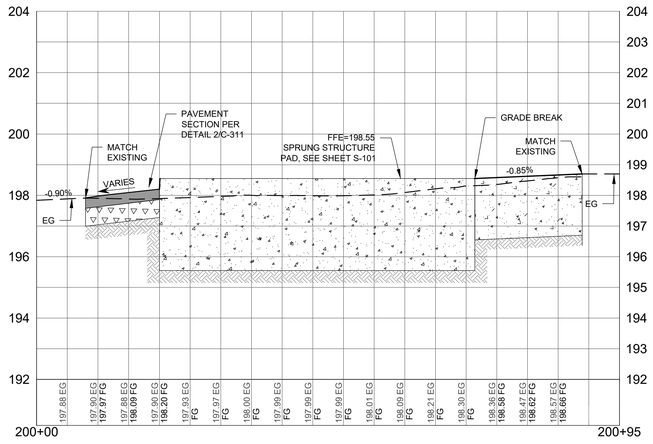
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C-251

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1/23/2026 8:39:37 AM



1 **SPRUNG STRUCTURE SECTION (LOOKING NORTH)**

HORIZONTAL SCALE: 1"=10' VERTCIAL SCALE: 1"=2'



2 **SPRUNG STRUCTURE SECTION (LOOKING EAST)**

HORIZONTAL SCALE: 1"=10' VERTCIAL SCALE: 1"=2'

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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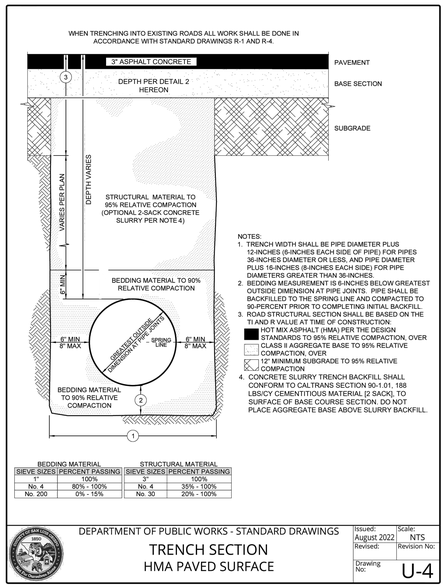
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DESIGNED BY: EL
DRAWN BY: EL
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SHEET CONTENTS
CROSS SECTIONS

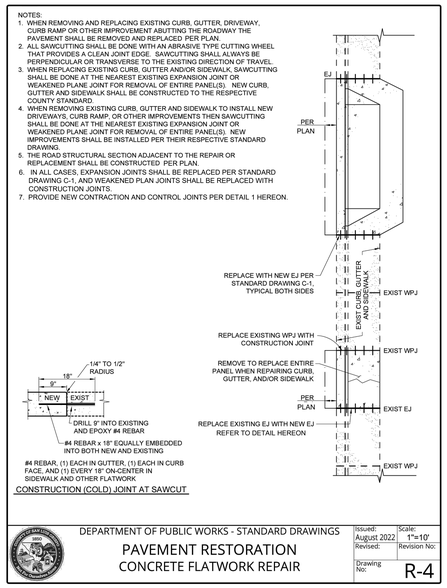
LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

SHEET NO:
C-252

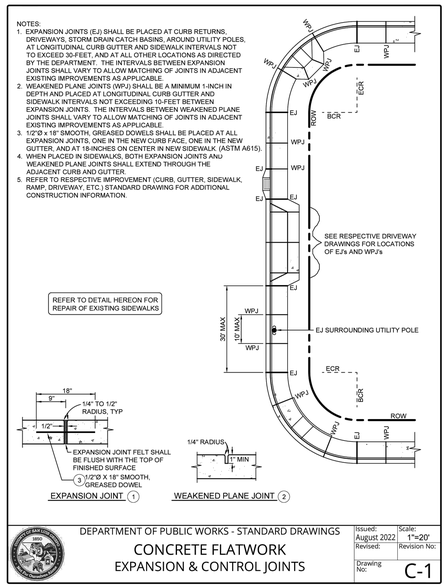
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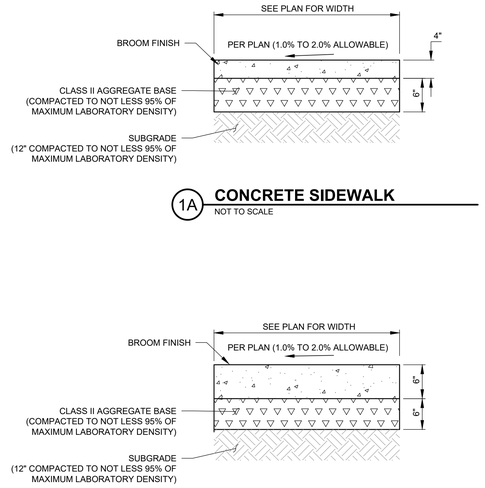


8 **STORM DRAIN TRENCH IN PAVED AREA**
NOT TO SCALE MODIFIED STD. DWG. U-4



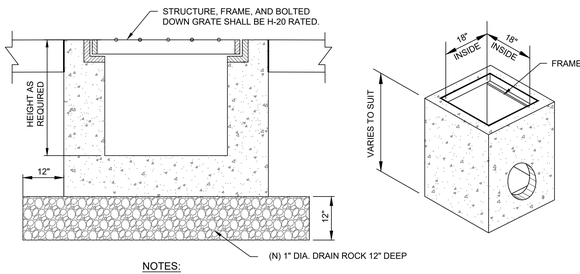
5 **EXPANSION AND CONTROL JOINTS DETAIL**
NOT TO SCALE MODIFIED STD. DWG. C-1 & R-4



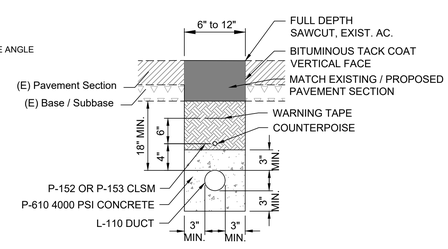


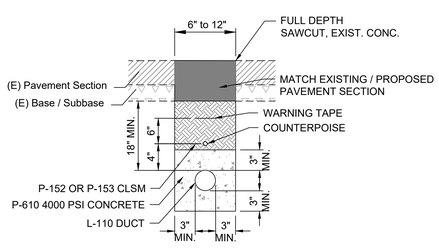
1A **CONCRETE SIDEWALK**
NOT TO SCALE

1B **CONCRETE SIDEWALK LANDING**
NOT TO SCALE



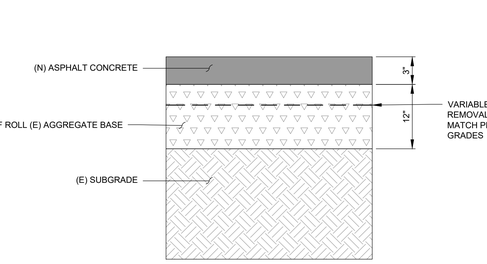
9 **PRE-CAST CATCH BASIN**
NOT TO SCALE



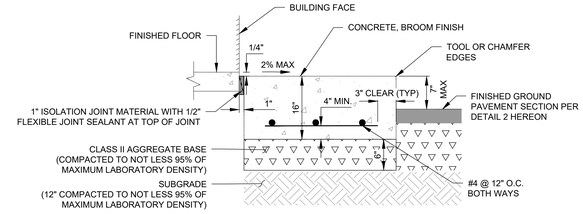


NOTES:
1. SIMILAR FOR SINGLE OR TRIPLE DUCTS. FOUR WAY DUCTS OR LARGER SHALL BE STACKED 2 X 2 OR 3 X 3.
2. DUCT UNDER NEW PAVEMENT SHALL BE INSTALLED BEFORE THE PAVEMENT.
3. COUNTERPOISE INSTALLATION PER SPECIFICATION L-108
4. FOR MULTIPLE DUCTS USE CONDUIT SPACERS WHEN ENCASED IN CONCRETE
5. ALL MATERIALS AND EFFORT REQUIRED FOR BACKFILLING OF TRENCHES SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE TRENCH.

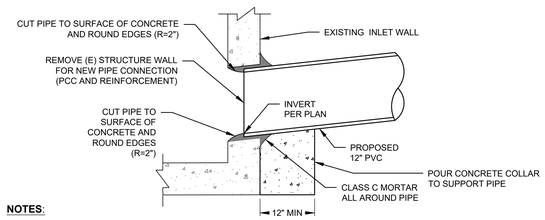
6 **PVC DUCT TRENCHING**
NOT TO SCALE



2 **FULL DEPTH ASPHALT PAVEMENT DETAIL**
NOT TO SCALE

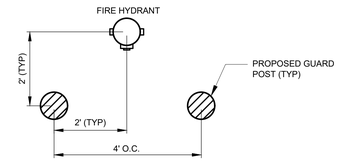


10 **CONCRETE LANDING WITH STEP DETAIL**
NOT TO SCALE



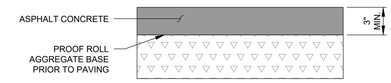
NOTES:
1. THE MINIMUM OPENING INTO THE EXISTING STRUCTURE SHALL BE THE OUTSIDE DIAMETER OF THE CONNECTING PIPE PLUS 1".

7 **PIPE CONNECTION TO EXISTING STORM DRAINS**
NOT TO SCALE



NOTES:
1. 4" DIA. PIPE, SCHEDULE 40 6' IN LENGTH WITH 3' OF PIPE ABOVE THE GROUND.
2. PAINT GUARD POST WITH ONE COAT OF ACRYLIC ALKYD ENAMEL PRIMER AND FINISH WITH TWO COATS OF GLOSS YELLOW ENAMEL PAINT.
3. INSTALL 6" WIDE WHITE REFLECTIVE TAPE.

4 **GUARD POST INSTALLATION DETAIL**
NOT TO SCALE



3 **ASPHALT PAVEMENT OVERLAY DETAIL**
NOT TO SCALE

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SAN LUIS OBISPO COUNTY AIRPORT (SBP) BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
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2 01/28/26 PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
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CHECKED BY: RPG
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SHEET CONTENTS
CONSTRUCTION DETAILS

SHEET NO.
C-311

LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

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1/23/2026 8:30:51 AM

SAN LUIS JET CENTER

TERMINAL BUILDING
FFE = 198.696

(99) (E) CATCH BASIN

(99) (E) 6" STORM DRAIN PIPE

CB

6" SD

SD

(99) (E) 12" STORM DRAIN PIPE

12" SD

(E) WATER VALVE (99)

(E) WATERLINE (99)

6" W

12" W

FFE = 198.547

TEMPORARY BAGGAGE
HANDLING SYSTEM

FIRE RISER CONNECTION POINT
SEE FIRE SPRINKLER PLAN F-102
AND DETAIL 2/F-001

N: 2283538.26
E: 5773871.13

N: 2283538.58
E: 5773916.07

PROPOSED CANOPY

TERMINAL APRON

16" SD

UTILITY ITEMS:

1. INSTALL 6" FIRE MAIN LATERAL PER DETAIL 3/C-501
2. INSTALL THRUST BLOCK PER DETAIL 1/C-501
3. CONNECT TO EXISTING WATER MAIN USING A 6" X 6" TAPPING TEE
4. INSTALL 6" GATE VALVE
5. CONSTRUCT NEW VALVE CAN AND APPURTENANCES ON EX. VALVE PER DETAIL 2/C-501
6. REMOVE CAP AND INSTALL SALVAGED FIRE HYDRANT AND BURY

(99) PROTECT IN PLACE

NOTES:

1. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS, SIZE, AND MATERIAL TYPE PRIOR TO CONSTRUCTION OR ORDERING MATERIALS.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 12" VERTICAL CLEARANCE BETWEEN WATER AND SEWER LINES.
3. CONTRACTOR SHALL VERIFY PIPE INVERT ELEVATION PRIOR TO INSTALLATION AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES GREATER THAN TWO INCHES.
4. CONTRACTOR SHALL COORDINATE WATER MAIN SHUTOFF WITH ENGINEER OF RECORD AND AIRPORT.
5. FOR FIRE DEPARTMENT CONNECTION REFER TO FIRE SUPPRESSION PLAN DETAIL 2/F-001.
6. FOR ELECTRICAL IMPROVEMENTS, SEE SHEETS E-100 THRU E-152.

Mead & Hunt

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED:

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2	01/28/26	PERMIT REVISIONS

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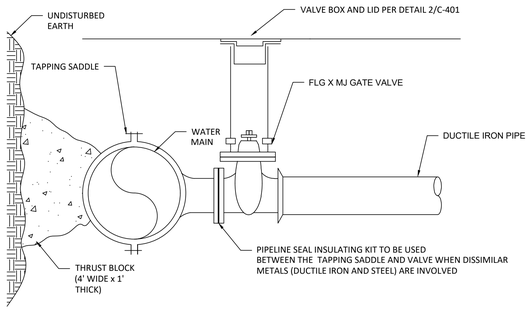
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SHEET CONTENTS
UTILITY PLAN

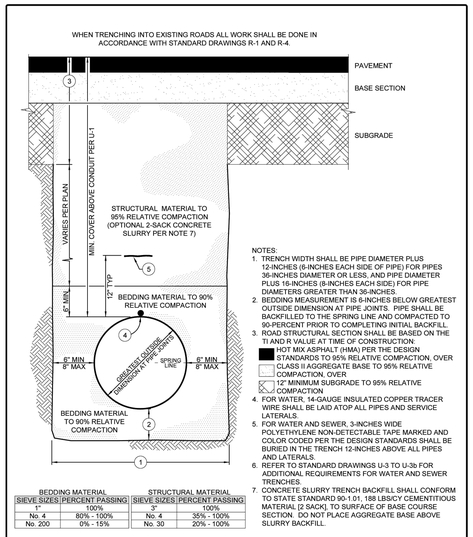
LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

SHEET NO.
C-401

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1/23/2026 8:31:13 AM



7 TAPPING SLEEVE AND VALVE
NOT TO SCALE



BEDDING MATERIAL

SIEVE SIZES	PERCENT PASSING
1"	100%
No. 4	80% - 100%
No. 200	0% - 15%

STRUCTURAL MATERIAL

SIEVE SIZES	PERCENT PASSING
3"	100%
No. 4	35% - 100%
No. 30	20% - 100%

NOTES:
1. TRENCH WIDTH SHALL BE PIPE DIAMETER PLUS 12-INCHES (6-INCHES EACH SIDE OF PIPE) FOR PIPES 36-INCHES DIAMETER OR LESS, AND PIPE DIAMETER PLUS 16-INCHES (8-INCHES EACH SIDE) FOR PIPE DIAMETERS GREATER THAN 36-INCHES.
2. BEDDING MEASUREMENT IS 6-INCHES BELOW GREATEST OUTSIDE DIMENSION AT PIPE JOINTS. PIPE SHALL BE BACKFILLED TO THE SPRING LINE AND COMPACTED TO 90-PERCENT PRIOR TO COMPLETING INITIAL BACKFILL.
3. ROAD STRUCTURAL SECTION SHALL BE BASED ON THE TI AND R VALUE AT TIME OF CONSTRUCTION.
   - HOT MIX ASPHALT (HMA) PER THE DESIGN STANDARDS TO 95% RELATIVE COMPACTION, OVER CLASS II AGGREGATE BASE TO 95% RELATIVE COMPACTION, OVER
   - 12" MINIMUM SUBGRADE TO 95% RELATIVE COMPACTION
4. FOR WATER, 14-GAUGE INSULATED COPPER TRACER WIRE SHALL BE LAID ATOP ALL PIPES AND SERVICE LATERALS.
5. FOR WATER AND SEWER, 3-INCHES WIDE POLYETHYLENE NON-DETECTABLE TAPE MARKED AND COLOR CODED PER THE DESIGN STANDARDS SHALL BE BURIED IN THE TRENCH 12-INCHES ABOVE ALL PIPES AND LATERALS.
6. REFER TO STANDARD DRAWINGS U-3 TO U-3b FOR ADDITIONAL REQUIREMENTS FOR WATER AND SEWER TRENCHES.
7. CONCRETE SLURRY TRENCH BACKFILL SHALL CONFORM TO STATE STANDARD 90-1.01, 188 LBS/CY CEMENTITIOUS MATERIAL [2 SACK], TO SURFACE OF BASE COURSE SECTION. DO NOT PLACE AGGREGATE BASE ABOVE SLURRY BACKFILL.

DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
TRENCH SECTION
HMA PAVED SURFACE

Issued:	Scale:
August 2022	NTS
Revised:	Revision No:
Drawing No:	U-4

4 TRENCH SECTION - HMA PAVED SURFACE
NOT TO SCALE

TABLE 1

Pipe Dia (in)	Pipe Class	Nom. I.D. (in)	Area (A) (sq in)	THRUST (T) AT FITTING, lbs TEES	90° BEND	45° BEND	22.5° BEND	11.25° BEND
4"	PVC Class 165 (DR 25)	4.39	15	3,254	4,602	2,491	1,270	638
4"	PVC Class 235 (DR 18)	4.23	14	4,005	5,664	3,065	1,563	785
4"	PVC Class 305 (DR 14)	4.07	13	4,619	6,532	3,535	1,802	905
6"	PVC Class 165 (DR 25)	6.31	31	6,723	9,508	5,146	2,623	1,318
6"	PVC Class 235 (DR 18)	6.09	29	8,302	11,740	6,354	3,239	1,627
6"	PVC Class 305 (DR 14)	5.86	27	9,574	13,540	7,328	3,736	1,877
8"	PVC Class 165 (DR 25)	8.28	54	11,577	16,372	8,861	4,517	2,269
8"	PVC Class 235 (DR 18)	7.98	50	14,254	20,158	10,910	5,562	2,794
8"	PVC Class 305 (DR 14)	7.68	46	16,445	23,257	12,587	6,417	3,224
10"	PVC Class 165 (DR 25)	10.16	81	17,431	24,651	13,341	6,801	3,417
10"	PVC Class 235 (DR 18)	9.79	75	21,454	30,340	16,420	8,371	4,206
10"	PVC Class 305 (DR 14)	9.42	70	24,741	34,989	18,936	9,654	4,850
12"	PVC Class 165 (DR 25)	12.08	115	24,641	34,848	18,860	9,615	4,831
12"	PVC Class 235 (DR 18)	11.65	107	30,380	42,964	23,252	11,854	5,956
12"	PVC Class 305 (DR 14)	11.2	99	34,975	49,462	26,768	13,646	6,856
	AWWA PVC C-900 PIPE			BASED ON P = 165 + 50 = 215 psi BASED ON P = 235 + 50 = 285 psi BASED ON P = 305 + 50 = 355 psi				

TABLE 2

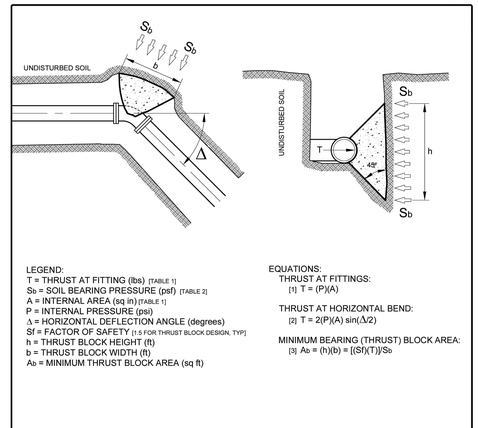
HORIZONTAL BEARING STRENGTHS FOR COMMON SOILS	
SOIL TYPE	HORIZONTAL BEARING STRENGTH (Sb), lbs/sf
MUCK	0
SOFT CLAY	500
SAND	1,000
SAND & GRAVEL	1,500
SAND & GRAVEL CEMENTED WITH CLAY	2,000

NOTES:
1. ALTHOUGH THE ABOVE BEARING STRENGTH VALUES HAVE BEEN USED SUCCESSFULLY IN THE DESIGN OF THRUST BLOCKS AND ARE CONSIDERED TO BE CONSERVATIVE, THEIR ACCURACY IS TOTALLY DEPENDENT ON ACCURATE SOIL IDENTIFICATION AND EVALUATION. THE ULTIMATE RESPONSIBILITY FOR SELECTING THE PROPER BEARING STRENGTH OF A PARTICULAR SOIL TYPE SHALL BE THE RESPONSIBILITY OF THE PROJECT ENGINEER.
2. ALL THRUST BLOCK AREAS SHALL BE PROVIDED ON THE APPROVED PLANS.
3. CONCRETE THRUST BLOCKS SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 470 LBS/CY CEMENTITIOUS MATERIAL [5 SACK].
4. THRUST RESTRAINT FOR VERTICAL BENDS SHALL USE RESTRAINED JOINT FITTINGS INSTEAD OF THRUST BLOCKS.

DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE
THRUST BLOCK REQUIREMENTS

Issued:	Scale:
August 2022	NTS
Revised:	Revision No:
Drawing No:	W-1

1 THRUST BLOCK REQUIREMENTS
NOT TO SCALE



LEGEND:
T = THRUST AT FITTING (lbs) [TABLE 1]
Sb = SOIL BEARING PRESSURE (psf) [TABLE 2]
A = INTERNAL AREA (sq in) [TABLE 1]
P = INTERNAL PRESSURE (psi)
Δ = HORIZONTAL DEFLECTION ANGLE (degrees)
Sf = FACTOR OF SAFETY [1.5 FOR THRUST BLOCK DESIGN, TYP]
h = THRUST BLOCK HEIGHT (ft)
b = THRUST BLOCK WIDTH (ft)
Ab = MINIMUM THRUST BLOCK AREA (sq ft)

EQUATIONS:
THRUST AT FITTINGS:
[1] $T = (P)(A)$

THRUST AT HORIZONTAL BEND:
[2] $T = 2(P)(A)\sin(\Delta/2)$

MINIMUM BEARING (THRUST) BLOCK AREA:
[3] $Ab = (h)(b) = [(Sf)(T)]/Sb$

EXAMPLE: DETERMINE THE THRUST BLOCK AREA FOR A 90° BEND, 8" CLASS 165 PIPE IN SAND.

(STEP 1): PRESSURE = 165 + 50 (TEST PRESSURE) = 215 psi. CHOOSE T = 16,372 lbs FROM TABLE 1 SHEET 1/2 (USE EQUATION [2] IF PIPE HAS DIFFERENT INSIDE DIAMETER).

(STEP 2): DETERMINE Sb FROM TABLE 2, SHEET 1/2.

(STEP 3): USE INFORMATION TO CALCULATE Ab USING EQUATION [3]

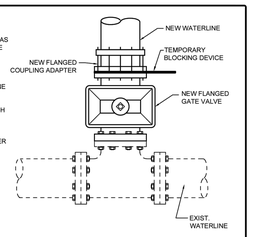
RESULT: Ab = [Sf(T)/Sb = [(1.5)(16,372)]/1,000] = 24.6 sq ft

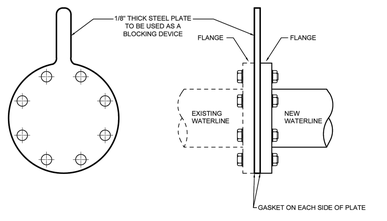
DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE
THRUST BLOCK REQUIREMENTS

Issued:	Scale:
August 2022	NTS
Revised:	Revision No:
Drawing No:	W-1a

2 THRUST BLOCK REQUIREMENTS
NOT TO SCALE

NOTES:
1. DIRECT CONNECTION TO THE EXISTING WATER SYSTEM SHALL NOT BE PERMITTED UNTIL THE NEW INSTALLATION HAS PASSED BACTERIA TESTING AND A PHYSICAL CHECK BY THE WATER QUALITY MANAGER. SEPARATION SHALL BE ACHIEVED BY THE INSTALLATION OF THE TEMPORARY BLOCKING DEVICE AS SHOWN HEREON.
2. PRESSURE TESTING AGAINST VALVES SHALL NOT BE ALLOWED. NEW VALVES SHALL BE SWABBED WITH CHLORINE PRIOR TO INSTALLATION.
3. WHEN TEMPORARY BLOCKING DEVICE IS REMOVED, THE CONTRACTOR SHALL ADJUST FITTING TO ELIMINATE 1/8-INCH GAP WITHOUT FORCING THE JOINT TOGETHER.
4. TEST PRESSURE SHALL BE 50 PSI GREATER THAN THE WORKING PRESSURE OF THE PIPE MEASURED AT THE LOWEST ELEVATION OF THE SYSTEM OR 150 PSI, WHICHEVER IS GREATER.



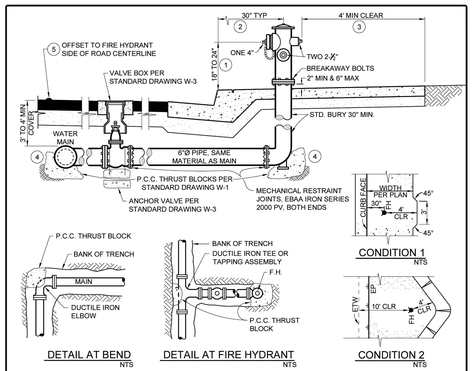


PROCEDURE FOR CONNECTING NEW WATERLINES TO EXISTING SYSTEM (ALTERNATIVE TO THE OLD INDUSTRIAL STANDARD METHOD): AT THE POINT OF CONNECTION TO THE EXISTING SYSTEM, ALL JOINTS BETWEEN FITTINGS AND VALVES SHALL BE FLANGED. ANY CHANGE REQUIRES WRITTEN APPROVAL FROM THE DEPARTMENT. AT THE JOINT THAT CONNECTS THE EXISTING SYSTEM TO THE NEW LINE, A BLOCKING DEVICE SHALL BE INSTALLED. THIS DEVICE SHALL BE CONSTRUCTED OF 1/8-INCH THICK STEEL PLATE. IT SHALL BE INSTALLED BETWEEN THE TWO FLANGES WITH A GASKET ON EACH SIDE. THIS WILL ALLOW ALL FITTINGS, VALVES, AND THE PIPELINE TO BE DISINFECTED AND PRESSURE TESTED AS ONE UNIT. AFTER THE NEW SYSTEM HAS MET ALL REQUIREMENTS, THE DEPARTMENT WILL ALLOW THE CONTRACTOR TO REMOVE THE BLOCKING DEVICE. THE DEVICE AND BOTH GASKETS ARE TO BE REMOVED AND A NEW GASKET SHALL BE INSTALLED BETWEEN THE FLANGES. THE NEW SYSTEM IS THEN IN SERVICE.

DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE
CONNECTION DETAIL

Issued:	Scale:
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Revised:	Revision No:
Drawing No:	W-8

5 WATERLINE CONNECTION DETAIL
NOT TO SCALE

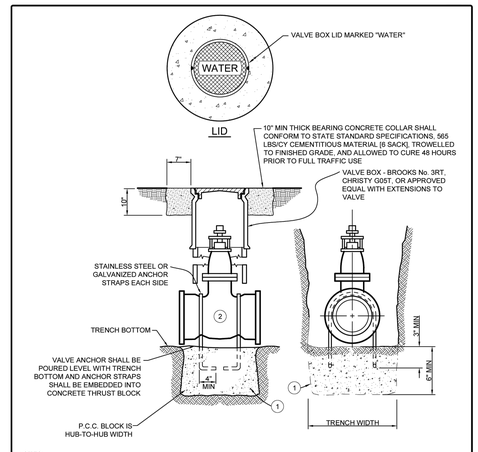


NOTES:
1. HEIGHT SHALL BE MEASURED FROM EDGE OF PAVEMENT WHEN CONCRETE CURB OR ASPHALT DIKE ARE NOT REQUIRED PER THE DESIGN STANDARDS.
2. DISTANCE SHALL BE INCREASED TO 10-FEET CLEAR FROM THE EDGE OF TRAVELED WAY (ETW) ON RURAL ROADS (SEE U-1).
3. IN RURAL AREAS A 4-FEET MINIMUM RADIUS CLEAR AND LEVEL ZONE SURROUNDING THE FIRE HYDRANT SHALL BE REQUIRED.
4. CONCRETE THRUST BLOCKS SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 470 LBS/CY CEMENTITIOUS MATERIAL [5 SACK], POURED AGAINST UNDISTURBED SOIL AND SHIELDED FROM FLANGES AND BOLTS.
5. EACH HYDRANT SHALL BE IDENTIFIED BY A REFLECTORIZED BLUE RAISED PAVEMENT MARKER PER SECTION 10.301c OF THE UNIFORM FIRE CODE.
6. THE HYDRANT CAP AND OUTLET NOZZLE SHALL BE PAINTED IN ACCORDANCE WITH SECTION 6.2.1.D.2.
7. THE CONCRETE CURB OR ASPHALT DIKE SHALL BE PAINTED RED 15-FEET EITHER SIDE OF THE FIRE HYDRANT.
8. HYDRANT SHALL BE CLOW F960, OR APPROVED EQUAL.
9. EACH HYDRANT SHALL HAVE TWO 2-1/2" OUTLETS AND ONE 4" OUTLET WITH EXTERNAL NSF THREAD.
10. ALL FITTINGS SHALL BE CEMENT MORTAR LINED IN ACCORDANCE WITH AWWA STANDARD C-104.
11. HYDRANT LATERAL SHALL BE OF THE SAME MATERIAL AS THE MAIN.
12. 14-GAUGE INSULATED COPPER TRACER WIRE SHALL BE LAID IN THE TRENCH ABOVE THE PIPE, BROUGHT ABOVE GRADE AND SECURED TO THE HYDRANT BOLT FLANGE.
13. COLOR CODED BLUE 3-INCH WIDE POLYETHYLENE NON-DETECTABLE TAPE MARKED "CAUTION BURIED WATER LINE BELOW" SHALL BE BURIED IN THE TRENCH AND ABOVE THE PIPE AND TRACER WIRE.

DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE
FIRE HYDRANT INSTALLATION

Issued:	Scale:
August 2022	NTS
Revised:	Revision No:
Drawing No:	W-2

3 FIRE MAIN LATERAL INSTALLATION
NOT TO SCALE



NOTES:
1. CONCRETE THRUST BLOCKS SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 470 LBS/CY CEMENTITIOUS MATERIAL [5 SACK], AND POURED AGAINST UNDISTURBED NATIVE SOIL.
2. VALVES SHALL OPEN TO THE LEFT, HAVE NON-RISING STEM WITH O-RING SEALS, RESILIENT WEDGE, RESILIENT SEAT WITH FULLY ENCAPSULATED GATE, EPOXY COATED INSIDE AND OUTSIDE, FULL SIZE WATERWAY, 200 PSI WORKING PRESSURE, AND MEET AWWA C-509. VALVES SHALL HAVE TYPE 316 STAINLESS STEEL BOLTS AND NUTS FOR THE STUFFING BOX AND BONNET, AND SHALL BE CLOW 2639/2640, MUELLER A-2361 RESILIENT WEDGE GATE VALVES THIN WALL, OR APPROVED EQUAL.
3. ALL MATERIALS AND INSTALLATION SHALL CONFORM WITH THE APPLICABLE SECTIONS OF THE DESIGN STANDARDS.
4. ALL FITTINGS SHALL BE WRAPPED IN POLYETHYLENE SHEET AND ALL FLANGES AND BOLTS SHALL BE SHIELDED FROM CONCRETE PER THE DESIGN STANDARDS.
5. UNDER NO CIRCUMSTANCES SHALL UTILITY LIDS AND CONCRETE COLLARS BE LOCATED WITHIN CURBS, GUTTERS, SIDEWALKS, DRIVEWAY APRONS, CURB RAMPS, OR CROSS GUTTERS.

DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE
VALVE ANCHOR & BOX

Issued:	Scale:
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Revised:	Revision No:
Drawing No:	W-3

2 VALVE ANCHOR & BOX
NOT TO SCALE

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/29/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: CJM
DRAWN BY: CJM
CHECKED BY: RPG
DO NOT SCALE DRAWINGS

SHEET CONTENTS
UTILITY DETAILS

SHEET NO:
C-501

LICENSED PROFESSIONAL ENGINEER
Rafael P. Gonzalez
C 74831
Exp. 12-31-27
Civil Engineer
STATE OF CALIFORNIA

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STRUCTURAL NOTES

GENERAL NOTES

1. The following notes, typical details and schedules shall apply to all phases of this project unless otherwise shown or noted.
2. Specific notes and details shall take precedence over general notes and typical details.
3. All materials and workmanship shall conform to the minimum standards of the 2022 edition of the California Building Code (CBC) and such other regulating agencies exercising authority over any portion of the work. The contractor shall have a current copy of the CBC (print or digital version) on the job site.
4. The Construction Documents shall consist of these notes, details, schedules, plans, drawings, and Specifications.
5. All specifications, including but not limited to materials and products, shall be those put forth in the Construction Documents. No substitutions shall be permitted to be used or assumed to be used in the bidding or construction process without written approval by the Engineer of Record.
6. The contractor shall examine the Construction Documents and shall notify the Engineer of Record of any discrepancies they may find before proceeding with the work.
7. All information on existing conditions shown on drawings are based on best present knowledge available, but without guarantee of accuracy. The Contractor shall verify and be responsible for all dimensions and conditions at the site and shall notify the Engineer of Record of any discrepancies between actual site conditions and information shown on or in the Construction Documents before proceeding with work.
8. The Contractor shall immediately notify the Engineer of Record of any condition which in their opinion might endanger the stability of the structure or cause distress of the structure.
9. The Contractor shall provide temporary bracing and shoring for all structural members as required for structural stability of the structure during all phases of construction.
10. All work shall conform to the best practice prevailing in the various trades comprising work. The Contractor shall be responsible for coordinating the work of all trades.
11. These Construction Documents represent the finished structure, and do not indicate the method of construction. The Contractor shall supervise and direct the work and shall be solely responsible for construction means, methods, techniques, sequences and procedures.
12. The Contractor shall take all steps necessary to ensure proper alignment of the structure after the installation of all structural and finish materials. This shall include any necessary preloading of the structure to determine final position of the completed work.
13. These notes, details, drawings and Specifications (Construction Documents) do not carry necessary provisions for construction safety. These documents and all phases of construction are to be governed, at all times, by applicable provisions of the current California Occupational Safety and Health Act.
14. Where any conflict occurs between the requirements of federal, state and local laws, codes, ordinances, rules and regulations, the most stringent shall govern.
15. Inspection and approval for shops used for fabrication of structural load bearing members, components, materials or assemblies shall conform to CBC Section 1704.2.5.
    A. Labeling (as required or specified) shall be provided in accordance with CBC Section 1703.5.
    B. Evaluation and follow-up inspection services (as required or specified), shall conform to CBC Section 1703.6.
16. The Contractor shall refer to the Specifications for information not covered by these drawings and General Notes.
17. Observation visits to the project site by field representatives of the Engineer of Record (support services) shall not include inspections of safety or protective measures, nor construction procedures, techniques or methods. Any support services performed by Engineer of Record during any phase of construction, shall be distinguished from continuous and detailed inspection services (as required by any regulating governmental agency, e.g. the Authority Having Jurisdiction) provided by others. These support services, whether of material or work, are performed solely for the purpose of assisting in quality control and in achieving conformance with contract documents, but do not guarantee Contractor's performance and shall not be construed as supervision of construction.
18. Provide openings and supports as required per typical details and notes for mechanical, plumbing, and electrical equipment, vents, ducts, piping, etc. All mechanical, plumbing and electrical equipment shall be properly braced against lateral forces.
19. Refer to drawings by other disciplines to coordinate with Structural Drawings. Any discrepancy between these drawings shall be referred to the Architect or Engineer of Record for clarification prior to the start of construction.
20. Written dimensions shall have precedence over scaled dimensions.
21. Drawings (notes, schedules, details and plans) shall have precedence over Structural Calculations.
22. In the event that certain features of the construction are not fully shown on the drawings or called for in the General Notes or Specifications, their construction shall be of the same character as for similar conditions that are shown or called for.
23. The Contractor shall have a copy of the Project Geotechnical Investigation on the job site.
24. ASTM designation and all standards refer to the latest amendments.
25. These structural Construction Documents shall not be modified without prior written approval of the Engineer of Record.
26. Only structural working drawings approved by the Authority Having Jurisdiction are permitted to be used for construction on this project. All other drawings or documents are obsolete and are not permitted on the job site, nor shall they be used for any construction purposes. Contractors using unapproved drawings or documents are solely responsible for all work not performed in accordance with the "approved" drawings.
27. Refer to Architectural Drawings for all fire protection requirements.

SHOP DRAWING AND CONTRACTOR SUBMITTAL REVIEW

1. Shop Drawings or Contractor Submittals should be provided for the fabrication (or proportioning) of the following (but not limited to) components or elements.
    A. Concrete mix designs
    B. Sprung Structure
    C. Reinforcing bar
    D. Structural Steel
    E. Substitute or alternate materials
    F. Fire sprinklers
    G. Formwork and shoring
2. The Contractor shall be responsible for the production of Shop Drawings or Contractor Submittals, the distribution of documents to the Engineer of Record for review, incorporation of any noted revisions made by the Engineer of Record into the documents, and final approval.
3. Shop drawings shall not be a reproduction of structural drawing sheets.
4. When the Contractor submits shop drawings or other submittals to the Engineer of Record for review, submittal package shall contain sufficient copies that the Engineer of Record may retain a complete copy of submittal package.
5. The Contractor shall allow sufficient time for the Engineer of Record to thoroughly review submittal package (10 working days, minimum).
6. Review of Shop Drawings or Contractor Submittal by Engineer of Record does not in any way constitute approval of submittal package. Engineer of Record's review is for general conformance with the design concept and contract documents. Review shall not be construed as relieving the Contractor from compliance with the contract documents.

DEMOLITION

1. Safety Note:
    A. It is solely the Contractor's responsibility to comply with the pertinent sections of the Construction Safety Orders issued by the State of California, latest edition, and all OSHA Requirements.
    B. The Engineer of Record does not accept any responsibility for the Contractor's failure to comply with these requirements.
    C. The Contractor shall be responsible for adequate design and construction of all forms. Forms shall be adequately braced and shored.
2. Shore beams where necessary to maintain the structural integrity of the existing structure.
3. The Contractor is responsible for the design and location of all shoring.
4. Notify the Engineer of Record of any discrepancies between the plans and existing structure.
5. When saw cutting concrete or masonry, care shall be taken not to overcut or damage reinforcing bars.

FOUNDATION

1. Unexpected soil conditions: Allowable values and foundation design are based upon soil conditions shown by test borings as presented in the project Geotechnical Investigation. Actual soil conditions which deviate from that shown in the test borings shall be reported to the Project Geotechnical Engineer immediately.
2. See project Geotechnical Investigation for compaction, fill, backfilling, and site preparation requirements and procedures.
3. Excavate all foundations to required depths into compacted fill or natural soil.
    A. All foundation excavations shall be inspected and approved by the project Geotechnical Engineer, prior to forming and placement of reinforcing and/or concrete.
    B. Foundation excavations shall be cut square and smooth with firm level bottoms.
    C. Care shall be taken not to over-excavate foundations at lower elevations and prevent disturbing soils around higher elevations.
4. Footings shall be poured in neat excavations, without side forms whenever possible.
5. Moisten sides and bottom of excavations several times prior to concrete placement.
6. Foundations shall not be poured until all required reinforcing bar, sleeves, inserts, conduits, pipes, formwork, etc. are properly placed and inspected by the Authority Having Jurisdiction.
7. De-water footing excavations and foundation block-outs to maintain dry working conditions.

HELICAL PIERS

1. General (Reference ICC-ES ESR-2794)
    A. The Chance helical pier foundation system shall be installed by authorized Chance dealers. These dealers shall have satisfied the certification requirements relating to the technical aspects of the product and the ascribed installation techniques.
    B. All work as described herein shall be performed in accordance with all applicable safety codes in effect at the time of installation.
    C. The dealer shall employ a skilled, experienced work force who are familiar with the requirements and methods necessary for proper performance of the work as outlined in these specifications.
2. Helical Pier Location: Helical piers should be installed as shown in the Structural Drawings.
3. Helical Pier Selection
    A. The lead sections with helices and extension sections shall be manufactured by Chance and as shown on attached drawings.
    B. All units shall conform to the material specifications as referenced on these drawings.
    C. The number and sizes of helices, the helical pier embedment depth, and the shaft size of helical pier shall be verified by a single test pier at the site, prior to installation for the entire project.
    D. The data acquired, along with other information available about the site, shall be used in determining the proper helical pier. The dealer shall have the option of performing a soil test using either the Chance soil probe or other method approved by the Engineer of Record.
4. Installation Equipment: Installing Units
    A. Installation units shall consist of rotary type torque motors with forward and reverse capabilities. These units shall be either electrically or hydraulically powered.
    B. These units shall be capable of developing the minimum torque as required by the plan of repair.
    C. These units shall be capable of positioning the helical pier at the proper installation angle. This angle varies between zero (0) (vertical) to 10 degrees depending upon application and type of foundation termination specified.
    D. These units shall be in good working condition and capable of being operated in a safe manner.
5. Installation Equipment: Installation Tooling
    A. Adapters approved by the Engineer of Record shall be employed to safely connect the installation units to the helical piers and extensions.
    B. These adapters shall have torque capacity ratings at least equal to the minimum ultimate torque rating of the helical piers as specified for the project.
    C. These adapters shall be securely connected to the helical pier during installation so as to prevent accidental separation.
6. Installation Equipment: Torque monitoring devices
    A. The torque being applied by the installing units shall be monitored throughout the installation process.
    B. Torque monitoring devices shall be either a part of the installing unit or an independent device in-line with the installing unit calibration data for either unit shall be available for review by the owner or owner's representative.
7. Installation Procedures
    A. The helical pier shall be positioned as shown in the Structural Drawings. Proper angular alignment shall be established at the start of installation.
    B. The helical pier shall be installed in a smooth, continuous manner. The rate of helical pier rotation shall be in the range of 5 to 20 revolutions per minute.
    C. Sufficient down pressure shall be applied to advance the helical pier.
    D. Plain extension material may be required to position the helical pier at the depth required. Extensions shall be coupled to the helical pier using the bolts provided with the extension. These bolts shall be installed and tightened to approximately 40 ft.-lb. of torque.
    E. Installation torque shall be monitored throughout the installation process.
    F. If underground obstructions are encountered during installation, the dealer shall have the option of removing the obstruction if possible or relocating the helical pier. This latter option may require the relocation of adjacent helical piers, as directed by the Engineer of Record.
8. Termination of Installation
    A. The maximum installation torque shall at no time exceed the torque rating of the helical pier shaft as specified for the project.
    B. Helical piers shall be installed to the minimum torque value as shown in the Structural Drawings. If the minimum torque requirement has not been satisfied at the minimum depth level, the dealer shall have the following options. Approval from the Engineer of Record shall be obtained before option (2) or (3) is implemented.
        (1) Install the helical pier deeper using additional plain extension material until the specified torque level is obtained, or
        (2) Remove the existing helical pier and install a helical pier with larger and/or more helices. This revised helical pier shall be installed at least three (3) feet beyond the termination depth of the original helical pier.
        (3) Add additional helical piers.
    C. If the installer cannot achieve the minimum depth outlined in the Structural Drawings, the Engineer of Record shall be contacted before proceeding further. If the maximum torque rating of the installing unit has been reached but that of the helical pier has not prior to satisfying the minimum depth requirement, the dealer shall have the option of utilizing a higher torque installing unit to drive the helical pier deeper.
    D. If the minimum torque rating of the helical pier and/or installing unit has been reached prior to satisfying the minimum depth level, the dealer shall have the following options. Approval from the Engineer of Record shall be obtained before either option (1) or (2) is implemented.
        (1) Terminate the installation at the depth obtained, or
        (2) Remove the existing helical pier and install a helical pier with smaller and/or fewer helices. This revised helical pier shall be installed at least three (3) feet beyond the termination depth of the original helical pier.
9. Connection Bracket/Haunch: The helical pier shall be connected to the structure using a chance approved steel bracket or properly designed steel-reinforced concrete haunch capable of safely transferring the structural loads to the helical pier.
10. Written installation records shall be maintained for each helical pier. These records shall include, but are not limited to the following:
    A. Project name and location
    B. Name of authorized chance dealer
    C. Name of dealer's foreman or representative who witnessed the installation
    D. Date and time of installation
    E. Location and reference number of helical pier
    F. Descriptions of lead section and extensions installed
    G. Overall depth of installation as referenced from bottom of grade beam or footing
    H. Torque readings for the last three (3) feet of installation if practical. In lieu of this requirement, the termination torque shall be recorded as a minimum.
    I. Any other applicable information relating to the installation
11. SSS Specifications:
    A. Helix bearing plate: (helix bearing plates are formed on matching metal dies to form a true helix) hot rolled carbon steel sheet, strip, or plate per ASTM A572, or A1018, or A656 with minimum yield strength of 50 ksi, plate thickness is ⅜"
    B. Helical pier shaft: Hot rolled round-cornered-square (RCS) 1½" solid steel shafts conforming to the general requirements of ASTM A29. Medium carbon steel grade with improved strength due to fine grain size.
        (1) Installation torque rating: 5,500 ft.-lbs.
        (2) Minimum ultimate tension strength: 70 kips (criteria - coupling bolt)
        (3) Minimum ultimate tension strength: 55 kips (criteria - torque)
    C. Coupling bolts: ⅝" diameter bolt per ASTM A320 grade l7. F_y (min) = 105 ksi, F_u (min) =125 ksi.
    D. Extension section couplings: Shall be formed as integral part of the plain extension shaft material. For SS anchors, couplings shall be hot upset forged sockets formed as integral part of the plain extension shaft material. For 278 material, couplings shall be hot upset expanded sockets.
    E. Foundation repair bracket: Brackets are formed from steel that meets or exceeds the requirements of ASTM A36, and have a hot-dipped galvanized coating per ASTM A153.
    F. Welding:
        (1) All welding shall be in accordance with AWS D1.1, latest revision
        (2) All welders shall be chance certified to AWS Specifications.
    G. Finish, galvanized: All material shall be hot-dipped galvanized in accordance with ASTM A153 after fabrication.

REINFORCING BAR

1. All reinforcing bar shall be deformed intermediate grade bars conforming to ASTM A615, Grade 60 (f_y = 60 ksi), unless noted otherwise.
    A. Grade 40 (f_y = 40 ksi) may be used for #3 bars and smaller.
2. Reinforcing bar shall not be welded, unless noted or detailed otherwise.
3. To hold reinforcing bars in their true position and prevent displacement, standard tie and anchorage devices shall be provided. Placing of reinforcement shall conform to ACI 318-14 Section 26.6.2.
4. Shop drawings for fabrication of any reinforcing bar shall be provided by the Contractor and submitted to the Engineer of Record for their review and approval, prior to fabrication.
5. Refer to typical details for minimum splice length and minimum radius of bend for reinforcing bar.
6. All reinforcing bar splices shall be staggered 24", unless noted or detailed otherwise.
7. All reinforcing bar bends shall be made cold.
8. Fabrication, erection and placement of reinforcing bar shall conform to Concrete Reinforcing Steel Institute Manual of Standard Practice.
9. Reinforcing bar shall be clean of rust, grease or other material likely to impair bond.
10. Welded wire mesh shall conform to ASTM A185. Lap all wire mesh two modules, minimum.
11. Welding of reinforcing bar (where specifically noted or detailed) shall conform to ACI 318-14, Section 26.6.4 and AWS D1.4. Welded rebar shall be low-alloy steel conforming to ASTM A706.
12. Epoxy-coated reinforcement (where specifically noted or detailed) shall conform to ASTM A775.

CONCRETE

1. All concrete work shall comply with CBC Chapter 19 and ACI 318-19 and latest edition of ACI Manual of Concrete Practice.
2. Special Inspection (as required or specified) shall conform to CBC Chapter 17.
3. All structural concrete shall be regular weight.
4. Concrete shall be well graded and meet the following minimum requirements:

Concrete Use	Comp. Strength (f'c)	Exposure Classes per ACI 318 19.3.1	Max. w/c Ratio	Nominal Max. Aggregate Size
Grade Beams & Pile Caps	4,000 psi at 28 Days	F0, S1, W0, C1	0.50	1"
Slab on Grade	4,000psi at 28 Days	F0, S1, W0, C1	0.45	1½"

5. Cement shall be Portland Cement of either type below;
    A. Type II/V, conforming to ASTM C150
    B. Type I with (HS) designation, conforming to ASTM C595
6. Fly ash, if used, shall conform to ASTM C618.
7. Slag cement, if used, shall conform to ASTM C989
8. Fly ash and slag cement shall not be used in combination. Fly ash or slag cement content shall be between 15% and 40%, by weight, of total cementitious materials and shall conform to ASTM C618.
9. Aggregates shall conform to ASTM C33; provide aggregates from a single source.
10. Water shall conform to ASTM C94 and be potable.
11. All splices are to be Class B unless specifically noted otherwise.
12. Minimum concrete cover over reinforcing bar shall be:

Concrete cast against and permanently exposed to earth or weather	3"
Concrete placed against forms, but exposed to earth or weather	2"
Slabs, wall & joists, not exposed to earth or weather	¾"
Beams, girders & columns, not exposed to earth or weather	1½"

13. Location of all construction joints, other than specified, shall be approved by Architect/Engineer of Record prior to pouring. Construction joints shall be thoroughly air and water cleaned and heavily roughened so as to expose coarse aggregates. All surfaces to receive concrete shall be maintained continuously wet at least three hours in advance of pouring.
14. All reinforcing steel, anchor bolts, dowels, inserts and any other hardware to be set in concrete shall be well secured in position prior to pouring of concrete.
15. The Contractor shall obtain approval from Architect/Engineer of Record prior to placing sleeves, pipes, ducts, chases, coring and openings on or through structural concrete beams, walls, floors and roof slabs, unless specifically detailed or noted. All pipes or conduits passing through concrete members shall be sleeved with standard steel pipes. See typical detail for pipe through footing.
16. Vibrate all concrete (including slabs on grade) as it is placed, with a mechanical vibrator operated by experienced personnel. The vibrator shall be used to consolidate the concrete, not transport it. Reinforcing and forms shall not be vibrated.
17. Formwork design and removal shall conform to ACI 318-14 Section 26.11. Remove forms in accordance with the following minimum schedule:

Side forms of footings	Minimum 48 hours
Edge forms of slab on grade	Minimum 24 hours
Wall/Retaining Wall forms	72 hours & 70% of design strength
Column forms	72 hours & 70% of design strength
Elevated beams and slabs	14 days & 80% of design strength

18. Concrete shall not free fall more than six feet. Use tremie, pump or other approved methods.
19. Concrete shall be maintained in a moist condition for a minimum of 5 days after placement or concrete surfaces shall be cured with liquid membrane-forming curing compound conforming to ASTM C309, Type 1, Class A. Curing compound shall be approved by the Engineer of Record.
20. The Contractor may use concrete admixtures as a construction means and methods to execute Construction Documents. Use of admixture is solely the responsibility of the Contractor.
21. Concrete mix designs shall be prepared by the concrete supply plant. Each mix design shall be submitted with current supporting data to the Engineer of Record for review and approval. Each mix design shall be stamped and signed by a Civil or Structural Engineer licensed in the state of the project jurisdiction.
22. Only one grade of concrete shall be allowed on project site at any one time.
23. Unless noted otherwise, construction and control joints shall be provided in all concrete slabs on grade, and shall be located such that the area within joints does not exceed 375 sq. ft., and is roughly square.
    A. For all structural slabs (suspended or on grade) where Architecturally exposed conditions are desired, the Contractor shall provide control joint layout for review by Architect and Engineer of Record.
24. Every opening exceeding 24" (in either direction) shall have a minimum of 2-#5 (U.N.O.) directly adjacent to all sides as well as top and bottom (unless at foundation). Reinforcing bars shall extend a minimum of 24" past edge of opening.
25. Dowel all concrete walls and columns to supporting concrete with bars of the same size and spacing as vertical bars in wall and columns. Do not "hickey" bars. All dowels shall be vertical.
26. Provide a minimum of 2-#5 continuous horizontally at tops of walls and vertically at ends of walls, unless noted otherwise.
27. Concrete strength shall be verified by standard cylinder tests (in accordance with CBC Section 1705.3) made by a testing laboratory approved by the Authority Having Jurisdiction.
28. Concrete placed when the air temperature has fallen to, or is expected to fall below 40° shall conform to ACI 318-14 Section 26.54 and ACI 306R-16.
29. Concrete placed during hot weather shall conform to ACI 318-14 Section 26.5.5 and ACI 305R-14.
30. Aluminum material shall not be place in concrete.
31. Conduits and sleeves placed within structural concrete shall not be tied directly to structural reinforcement.
    A. 1" clear distance shall be maintained between conduits/sleeves and reinforcing bar.

STRUCTURAL STEEL AND WELDING

1. All structural steel construction shall conform to AISC 360-16 and AISC 341-16.
    A. All structural steel shall be fabricated in an approved fabrication shop. Inspection and approval of fabrication shops shall conform to CBC Section 1704.2.5.
2. All structural steel shall conform to the following specifications:

Steel Shape	ASTM Specificaiton	Min. Yield Stress, F_y (ksi)
Angle, Channel	A36	36
Plates, Bars, Rounds	A36	36
Wide Flange, WT	A992	50
Pipe	A53, Grade B	35
HSS Tube	A500, Grade C	50
HSS Round	A500, Grade B	42

3. Special Inspection shall be provided for all structural steel and welding, in accordance with CBC Chapter 17.
4. All structural steel shall be fabricated, erected and welded in accordance with AISC Specifications for Structural Steel Buildings (AISC 360-16) and Code of Standard Practice for Steel Buildings and Bridges (AISC 303-16).
5. All welding shall be performed by welders with current AWS certification for weld procedures used.
6. No field welding permitted, unless specifically noted otherwise.
7. Shop drawings for the fabrication of structural steel shall be submitted to Engineer of Record for their review, prior to fabrication.
8. No holes other than those specifically detailed shall be allowed through structural steel members. Burning of holes is not permitted.
9. All structural steel shall be painted one shop coat and field touched-up, as necessary, with approved "Zinc Rich" or other high quality exterior primer.
10. All structural and architectural steel exposed to weather shall be corrroion protected by being hot dipped galvanized and/or suitably primed and painted as shown on the architectural drawings and per the project specifications. Steel elements embedded in concrete shall be left unpainted.
11. See architectural drawings for locations of all Architecturally Exposed Structural Steel (AESS). Fabrication, welding, and erection of AESS shall comply with the latest edition of AISC code of standard practice for steel buildings and bridges.
12. All welding shall conform to AWS D1.1 and D1.8 specifications for welding. (E-70XX Electrodes).
13. All headed studs (for concrete anchorage) shall be manufactured by Nelson or approved equal per ASTM A108.
14. Non-shrink grout shall meet the requirements of ASTM Standard C1107, and shall attain a minimum 28 day compressive strength of 8000 psi.
15. Bolted Steel Connection Requirements
    A. High Strength Bolts (HSB) shall conform to ASTM A325/F1852 and ASTM A490 where specified. See details and schedules for bolt diameters and bolt types.
    Bolt tensioning requirement shall be as follows, U.N.O.:
        a. Bolts to beam web at non-moment connections -Snug tight for bearing connection
        b. Bolts to beam at moment connections -Slip critical (TYPE SC) U.N.O.
        c. All other bolted connections -Slip critical (TYPE SC) U.N.O.
    B. Machine bolts shall conform to ASTM A307, GRADE A.
    C. All bolt holes shall be standard size holes ($\frac{1}{16}$" larger than bolt), U.N.O.
    D. All bolts specified as slip critical bolts (A325-SC or A490-SC) shall have class 'A' faying surfaces (U.N.O.)
    E. Anchor bolts for non-frame columns shall be ASTM F1554, GRADE 36 (S1 & S4). Anchor bolts for all columns embedded into concrete walls shall be ASTM F1554, GRADE 55 (S4). Anchor bolts for ledgers to concrete or CMU wall shall be ASTM A307 or A36
16. Where fillet weld size is not indicated, use AWS minimum size, as specified in AISC Specifications for Structural Steel Buildings (AISC 360-16), Section J2.2.
17. All butt welds to be complete joint penetration, unless noted otherwise.
18. Welder qualification requirements, welding procedure and welding electrodes for all structural steel (except structural sheet steel as outlined in the steel deck section) shall conform to CBC Sections 1705.2 and 2204.1.
19. Provide hot dip galvanizing or 3" minimum concrete cover around all structural steel below grade.
20. Structural steel embedded into concrete or masonry shall be unpainted.
21. All steel members related to elevators shall be coordinated with the elevator contractor prior to fabrication.

STRUCTURAL DESIGN VALUES

All values reported are unfactored and strength level, unless noted otherwise

Gravity Design Data	Value
Dead Loads - Sprung Building:	
Roof Dead Load	SEE MFR.
Floor Dead Load	75 psf
Equipment Load	SEE PLAN
Exterior Wall Dead Load	SEE MR.
Dead Loads - Canopy:	
Roof Dead Load	10 psf
Live Loads - Sprung Building:	
Roof Live Load (Per Manufacturer)	0 psf
Floor Live Load	100 psf
Live Loads - Canopy:	
Roof Live Load (Reducible)	20 psf
Snow Loads:	
Ground Snow Load, P_g	0 psf
Rain Loads:	
Rain Load, R	0 psf
15 min./100 yr. Rainfall Intensity	2.54 in/hr
60 min./100 yr. Rainfall Intensity	1.26 in/hr
Deflection Criteria:	
Roof, Total Load	L/240
Roof, Live Load	L/360
Floor, Total Load	L/240
Floor, Live Load	L/360

Wind Design Data	Value
Design Wind Speed (3-sec gust), V_{ULT}	99 mph
Risk Category	II
Exposure Category	C
Applicable Internal Pressure Coefficient	± 0.18

Earthquake Design Data	Value
Risk Category	II
Importance Factor, I_e	1.25
Mapped Spectral Response Accelerations	S_S= 1.076 g S_1= 0.396 g
Site Class	C
Spectral Response Coefficients	S_{MS}= 0.861 g S_{M1}= 0.396 g
Seismic Design Category	D
Analysis Procedure Used	Equivalent Lateral Force Procedure (ASCE 7, 12.8)
Basic Seismic-Force Resisting System - Canopy	Cantilever column systems: Steel Ordinary Cantilever Column

Geotechnical Design Data	Value
Geotechnical Report prepared by: Earth Systems Pacific (File No.: 304536-001)	Dated: 2/27/2024
Mat Foundation Allowable Soil Bearing Pressure (DL + LL)	1500 psf
Mat Modulus of Subgrade Reaction	50 pci
Design Active Pressure, P_a	- pcf
Design At-Rest Pressure, P_b	- pcf
Design Passive Pressure, P_p	350 pcf
Design Coefficient of Friction, f_r	0.35

STRUCTURAL OBSERVATION

1. Structural Observation is the visual observation of the structural system by a Registered Design Professional for general conformance to the approved construction documents at significant construction stages and at completion of the structural system. Structural Observation does not include or waive the responsibility for the inspection required by Section 110, 1704 or other Sections of the California Building Code.
2. All Structural Observation shall be provided in accordance with CBC Sections 1702 and 1704.6.
3. The owner shall employ the Engineer of Record to perform Structural Observation in accordance with CBC Section 1704.6. The Engineer of Record may designate another Engineer or Architect to perform Structural Observation.
4. The contractor shall notify this office 48-72 hours in advance of requesting a Structural Observation.
5. Structural Observation is required at significant construction stages and at completion of the structural system, as follows:
    A. Footing excavations completed, footing reinforcing bars in-place, embedded items in place, mechanical, plumbing and electrical items in place and prior to concrete placement.
    B. Slab on grade reinforcing bars in place and embedded items in place, prior to concrete placement.
    C. All structural work completed including the installation of mechanical, plumbing, and electrical items.
6. The Structural Observer shall submit to the Authority Having Jurisdiction a written statement that the site visits have been made and identifying any structural deficiencies that, to the best of their knowledge, have not been resolved.

ABBREVIATIONS

A.B.	Anchor Bolt	IBC	International Building Code
ABV.	Above	ICC	International Code Council
ACI	American Concrete Institute	ICF	Insulated Concrete Form
ADD'L	Additional	ID	Inside Diameter
ADJ.	Adjacent	IN.	Inch, Inches
AHJ	Authority Having Jurisdiction	INT.	Interior
AISC	American Institute of Steel Construction	JST.	Joist
AITC	American Institute of Timber Construction	ksi	Kips per Square Inch
AOR	Architect of Record		
APA	American Plywood Association	LL	Live Load
APPROX.	Approximate(ly)	LW	Lightweight
ASCE	American Society of Civil Engineers	LSL	Laminated Strand Lumber
		LVL	Laminated Veneer Lumber
ARCH.	Architect, Architecture		
ASTM	American Society of Testing and Materials	MAX.	Maximum
		MB	Machine Bolt
ATR	All Thread Rod	MBM	Metal Building Manufacturer
AWS	American Welding Society	MECH.	Mechanical
		MSE	Mechanically Stabilized Earth
BLDG.	Building	MFR.	Manufactured, Manufacturer
BLK.	Block	MIN.	Minimum
BLKD.	Blocked	MPH	Miles per Hour
BLK'G	Blocking	MTL.	Metal
BM.	Beam		
B.O.	Bottom of _____	(N)	New
BOT.	Bottom	NDS	National Design Specification
BRG.	Bearing	N.T.S.	Not to Scale
b/t	Between		
		o.c.	On Center
CAC	California Administrative Code	o/	Over
CANT.	Cantilever	OD	Outside Diameter
CBC	California Building Code	OSB	Oriented Strand Board
CIP	Cast-in-place	OSHPD	Office of State Health Planning and Development
CJ	Control Joint		
CJP	Complete Joint Penetration	OWSJ	Open Web Steel Joist
℄	Centerline		
CLG.	Ceiling	PEN.	Penetration
CLR.	Clear	PL.	Plate
CMU	Concrete Masonry Unit	PLYWD.	Plywood
COL.	Column	PJP	Partial Joint Penetration
CONC.	Concrete	psi	Pounds per Square Inch
CONN.	Connection	PSF	Pounds per Square Foot
CONST.	Construction	PSL	Parallel Strand Lumber (Paralam)
CONT.	Continue, Continuous		
CSK.	Countersink	PEMB	Pre-Engineered Metal Building
		PERF.	Perforated
Ø	Diameter	PTDF	Pressure Treated Douglas Fir
d	Penny	PW	Puddle Weld
DBL.	Double		
DCW	Demand Critical Weld	Q.A.	Quality Assurance
DET.	Detail	Q.C.	Quality Control
DEMO	Demolition		
DF	Douglas Fir	RBS	Reduced Beam Section
DIAG.	Diagonal	RDWD	Redwood
DL	Dead Load	REBAR	Reinforcing Bar
DSA	Division of State Architect	REINF.	Reinforcement
DWGS.	Drawings	RET.	Retaining
		REQ'D	Required
EA.	Each		
E.F.	Each Face	S.F.	Square Feet
ELEC.	Electric, Electrical	SHT.	Sheet
ELEV.	Elevation	SHT'G	Sheathing
EMBED.	Embedded, Embedment	SIM.	Similar
E.N.	Edge Nailing	SIP	Structural Insulated Panel
EOR	Engineer of Record	SJI	Steel Joist Institute
EQ	Equal	SLRS	Seismic Load Resisting System
EQUIP.	Equipment	SMS	Sheet Metal Screw
E.S.	Each Side	SQ.	Square
E.W.	Each Way	SS	Select Structural
(E)	Existing	STAGG'D	Staggered
EXP.	Expansion	STD.	Standard
EXT.	Exterior	STL.	Steel
		SW	Shearwall
FAB.	Fabricated	SEOR	Structural Engineer of Record
FDN.	Foundation		
F.F.	Finish floor	T&B	Top and bottom
FLR.	Floor	T&G	Tongue and Groove
F.O.	Face of _____	THR'D	Threaded
FRMG.	Framing	T.O.	Top of _____
FT.	Foot,Feet	TRL.	Triple
FTG.	Footing	TYP.	Typical
GA.	Gauge	UNBLKD.	Unblocked
GALV.	Galvanized	U.N.O.	Unless Noted Otherwise
GEOR	Geotechnical Engineer of Record	URM	Unreinforced Masonry
GLB	Glued-Laminated Beam	VERT.	Vertical
GYP. BD.	Gypsum Board	VIF	Verify in Field
HDR.	Header	w/	With
HD.	Holdown	w/c	Water/Cement Ratio
HORIZ.	Horizontal	WD.	Wood
HSS	Hollow Steel Section	W.P.	Working Point
HT.	Height	W.S.M.F.	Welded Steel Moment Frame
		WSS	Welded Steel Stud
		WT.	Weight
		WWM	Welded Wire Mesh

SYMBOLS

- Concrete Footing
- Concrete Masonry Unit Wall
- Elevation Reference
- Elevation Reference
- DET / SHT — Detail Number Reference / Sheet Number Reference
- Existing 2x Stud Wall To Remain
- New 2x Stud Bearing Wall
- Existing Stud Wall to be Removed
- Slab Step
- S — S — Footing Step
- SLOPE — Slab Slope

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REGISTERED PROFESSIONAL ENGINEER — DANIEL E. PARDO — No. 5405 — STRUCTURAL — STATE OF CALIFORNIA

SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: JANUARY 28, 2026
DESIGNED BY: JK
DRAWN BY: JK
CHECKED BY: MP
DO NOT SCALE DRAWINGS

SHEET CONTENTS
STRUCTURAL NOTES

SHEET NO.:
S-001

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STRUCTURAL NOTES

PRODUCT SCHEDULE

Type	Product	ICC#	IAPMO#	LARR#
Expansion anchor to concrete	Hilti KWIK BOLT TZ2	ESR-4266	-	-
	Simpson Strong-Bolt 2	ESR-3037	-	25891
	DeWalt Power-Stud+ SD1	ESR-2818	-	25787
	DeWalt Power-Stud+ SD2/SD4/SD6	ESR-2502	-	25831
Adhesive anchor to concrete	Hilti HIT-HY 200 V3	ESR-4868	-	-
	Hilti HIT-RE 500 V3	ESR-3814	-	26028
	Simpson SET-3G	ESR-4057	-	-
	DeWalt PE1000+	ESR-2583	-	25849
	DeWalt AC200+	ESR-4027	-	-
Screw anchor to conrete	Hilti KWIK HUS-EZ	ESR-3027	-	25897
	Simpson Titen-HD	ESR-2713	-	-
	Simpson SS Titen Screw	-	0493	26125
	DeWalt Screw-Bolt+	ESR-3889	-	-
Concrete screw	Simpson SS Titen 2	-	0449	-
	ITW/Buildex Tapcon	ESR-2202	-	-
	DeWalt UltraCon+	ESR-3068	-	-
Shotpin (power driven fastener) ***	Hilti Low-Velocity	ESR-2269	-	25675
	ITW Ramset Power-Driven	ESR-1799	-	22668
	Simpson Power-Actuated	ESR-2138	-	25469
	DeWalt Track-It C5	ESR-3275	-	25920
	DeWalt Power-Driven	ESR-2024	-	25304
Concrete reinforcing headed end *	HRC 555 Headed Bars	ESR-2935	0177	25815
	nVent/LENTON Terminator D14	-	0188	25893
	Barsplice ButtonHead	-	0331	25996
	Dextra Bartec	ESR-2166	-	25884
Concrete reinforcing mechanical splices	HRC 500 CouplerS	ESR-2764	-	25347
	nVent/LENTON Threaded Couplers	-	0129	24507
	Barsplice Zap Screwlok Type 2	ESR-3517	-	25366
	Barsplice BPI-GRIP XL	ESR-2299	-	25011
	Dextra Bartec	ESR-1705	-	25615
	Dayton Superior Bar Lock	ESR-2495	-	25342
Form mounted reinf coupler	Dextra Bartec	ESR-1705	-	25615
	nVent/LENTON Threaded Form Savers	-	0129	24507
Welded studs	Nelson Studs	ESR-2856	-	02725
	Stud Welding Associates Shear Connector Studs	ESR-1094	-	-
	Tru-Weld Headed Stud Anchors	ESR-2577	-	24330
Welded bar anchors	Nelson Deformed Bar Anchors	ESR-2907	-	25860
	Tru-Weld Deformed Bar Anchors	ESR-2823	-	25887
Metal deck	Verco Deck	-	0217	23789
	ASC Steel Roof Deck	ESR-1414	-	23783
	ASC Steel Floor Deck	ESR-2408	-	23783
Concrete slab stud rails	DECON Stud Rails	ESR-2494	-	25395
	Peikko DSA/SSA Shear Rails	ESR-3904	-	-
	Tru-Weld Shear Resistor Studs	ESR-2822	-	25941
	PJ'S Punching Shear Resistors	ESR-3821	-	26070
	Nelson Punching Shear Resistor Studs	ESR-1170	-	25499
	JSW Stud Rails	ESR-3264	-	25930
Sheet metal screw **	Hilti KWIK-PRO	ESR-2196	-	25678
	Hilti KWIK-FLEX	ESR-3332	-	25095
	Simpson X Metal Screws	ESR-3006	0326	25917
	PrimeSource DARTS	ESR-1408	-	25904
	ITW Buildex Teks	ESR-1976	-	25915
	ELCO Dril-Flex	ESR-3332	-	25095
Blind fasteners to steel	LNA BoxBolt Type C	ESR-3217	-	-
	Hollo-Bolt 3 Part / 5 Part	ESR-3330	-	26037

1. For items not noted with a specific product name or manufacturer, the contractor shall provide a product specified in the table above.
2. Products shall be installed per the manufacturer requirements listed in the referenced product reports.
3. Other products not listed the schedule above shall be submitted for review by the Engineer of Record and the Building Official.

SPECIAL INSPECTION

GENERAL NOTES

1. All Special Inspection shall be provided in accordance with CBC Section 1704 and 1705.
2. Where Special Inspection is required, all inspection or testing shall be provided by an "approved agency" in accordance with CBC Section 1702.1, 1703.1 and 1704.1.
3. Special Inspectors shall keep records of inspections. The Special Inspector shall furnish inspection reports to the Authority Having Jurisdiction, and to the Architect or Engineer of Record. Reports shall indicate that work inspected was done in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Authority Having Jurisdiction and to the Architect or Engineer of Record prior to the completion of that phase of work. A final report documenting required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted at a point in time agreed upon by the permit applicant and the Authority Having Jurisdiction prior to the start of work.
4. Special Inspectors shall be approved by local Authority Having Jurisdiction in accordance with CBC Section 1704.2.1.
5. Local Authority Having Jurisdictions may require Special Inspection for "Special Cases" in accordance with CBC Section 1705.1.1
6. Contractor's responsibility: Each contractor responsible for the construction of a Main Lateral-Force-Resisting System, listed in the Statement of Special Inspection shall submit a written statement of responsibility to the Authority Having Jurisdiction and the owner prior to the commencement of work on the system or component. The contractor's statement of responsibility shall contain the following:
   A. Acknowledgement of awareness of the special requirements contained in the statement of special inspections;
   B. Acknowledgement that control will be exercised to obtain conformance with the construction documents approved by the Authority Having Jurisdiction;
   C. Procedures for exercised control within the contractor's organization, the method and frequency of reporting and the distribution of the reports; and
   D. Identification and qualifications of the person(s) exercising such control and their position(s) in the organization.
7. Refer to Special Inspection requirements by other disciplines not included herein.

SPECIAL CASES

Verification and Inspection	Cont.	Periodic
Adhesive anchors (Epoxy)		
1. Inspection of anchors installed in hardened concrete. Installed in horizontally or upwardly inclined orientations to resist sustained tension loads. (Concrete shall be cured for a minimum of 21 days)	✓	
2. All other installations of adhesive anchors.		✓
Mechanical anchors		
1. Inspection of anchors installed in hardened concrete.		✓

SOILS[a]

Verification and Inspection	Cont.	Periodic
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.		✓
2. Verify excavations are extended to proper depth and have reached proper material.		✓
3. Perform classification and testing of compacted fill materials.		✓
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	✓	b
5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.		✓

Notes: Soils

a. CBC Section 1705.6 and Table 1705.6

b. With the approval of the Authority Having Jurisdiction and the recommendation of the Geotechnical Engineer of Record, Special Inspection of grading operations may be periodic per CBC Section 1704.2, Exception 1.

HELICAL PILE FOUNDATIONS[a]

Verification and Inspection	Cont.	Periodic
1. Verify installation equipment used, pile dimensions, tip elevations, final depth, and final installation torque comply with the requirements.	✓	
2. Verify other installation data as required by the Registered Design Professional in Responsible Charge.	✓	

Notes: Helical Pile Foundation

a. CBC Section 1705.9

CONCRETE CONSTRUCTION[a,c]

Verification and Inspection	Cont.	Periodic	Referenced Standard	2019 CBC Reference
1. Inspection of reinforcing steel and placement.		✓	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1 - 26.6.3	1908.4
2. Reinforcing bar welding:				
a. Verify weldability of reinforcing bar other than ASTM A706		✓	AWS D1.4 ACI 318: 26.6.4	
b. Inspect single-pass fillet welds, maximum $\frac{5}{16}$"		✓		
c. Inspect all other welds.	✓			
3. Inspection of anchors cast in concrete.		✓	ACI 318: 17.8.2	
4. Inspect anchors post-installed in hardened concrete member.[a,d]				
a. Adhesive anchors installed in horizontally or upward inclined orientations to resist sustained tension loads.	✓		ACI 318: 17.8.2.4	
b. Mechanical anchors and adhesive anchors not defined in 4.a.		✓	ACI 318: 17.8.2	
5. Verifying use of required design mix.		✓	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	✓		ASTM C172 ASTM C31 ACI 318: 26.5 26.12	1908.10
7. Inspection of concrete placement for proper application techniques.	✓		ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. Verify maintenance of specified curing temperature and techniques.		✓	ACI 318: 26.5.3 - 26.5.5	1908.9
9. Inspect formwork for shape, location and dimensions of the concrete member being formed.		✓	ACI 318: 26.11.1.2 (b)	

Notes: Concrete Construction

a. Where applicable, see also CBC Section 1705.12, Special Inspections for seismic resistance

b. Specific requirements for Special Inspection shall be included in the research report for the anchor issued by an approved source in accordance with ACI 318-14 Section 17.8.2 or other requirements. Where specific requirements are not provided, Special Inspection requirements shall be specified by the Registered Design Professional and shall be approved by the Building Official prior to the commencement of the work.

c. CBC Section 1705.3 and Table 1705.3

d. See Special Cases Special Inspection for more requirements

STEEL CONSTRUCTION[a,b]

Verification and Inspection	Cont.	Periodic
Inspection tasks prior to welding		
1. Welder qualification records and continuity records		✓
2. Welding procedure specifications (WPSs) available	✓	
3. Manufacturer certifications for welding consumables available	✓	
4. Material identification (type/grade)		✓
5. Welder identification system[c]		✓
6. Fit-up of groove welds (including joint geometry): Joint preparation, dimensions, cleanliness, tacking, backing type and fit		✓
7. Fit-up of CJP groove welds of HSS T-, Y- and K-joints without backing (including joint geometry): Joint preparations, dimensions, cleanliness and tacking	✓	
8. Configuration and finish of access holes		✓
9. Fit-up of fillet welds: Dimensions, cleanliness, tacking		✓
10. Check welding equipment		
Inspection tasks during welding		
1. Use of qualified welders		✓
2. Control and handling of welding consumables: Packaging, exposure control		✓
3. No welding over cracked tack welds		✓
4. Environmental conditions: Wind speed within limits, precipitation and temperature		✓
5. WPS followed: Settings on welding equipment, travel speed, selected welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained min./max.),proper position (F, V, H, OH)		✓
6. Welding techniques: Interpass and final cleaning, each pass within profile limitations, each pass meets quality requirements		✓
7. Placement and installation of steel headed stud anchors	✓	
Inspection tasks after welding		
1. Welds cleaned		✓
2. Size, length and location of welds	✓	
3. Welds meet visual acceptance criteria: Crack prohibition, weld/base-metal fusion, crater cross section, weld profiles, weld size, undercut, porosity	✓	
4. Arc strikes	✓	
5. k-Area[d]	✓	
6. Placement of reinforceing or contouring fillet welds (if required)	✓	
7. Backing removed and weld tabs removed (if required)	✓	
8. Repair activies	✓	
9. Document acceptance or rejection of welded joint or member	✓	
10. No prohibited welds have been added without the approval of the EOR		✓
Inspection tasks prior to bolting[f]		
1. Manufacturer's certifications available for fastener materials	✓	
2. Fasteners marked in accordance with ASTM requirements		✓
3. Proper fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)		✓
4. Proper bolting procedure selected for joint detail		✓
5. Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements		✓
6. Pre-installation certification testing by installation personnel observed and documented for fastener assemblies and methods used		✓
7. Proper storage provided for bolts, nuts, washer and other fastener components		✓
Inspection tasks during bolting		
1. Fastener assemblies, of suitable condition, placed in all holes and washers (if required) are positioned as required		✓
2. Joint brought to the snug-tight condition prior to the pretensioning operation		✓
3. Fastener component not turned by the wrench prevented from rotating		✓
4. Fasteners are pretensioned in accordance with the RCSC specification, progressing systematically from the most rigid point toward the free edges, see Minimum Bolt Pretension table below		✓
Inspection tasks after bolting		
1. Document acceptance or rejection of bolted connections	✓	

Notes: Steel Construction

a. CBC Section 1705.2 and AISC 360 Chapter N

b. CBC Section 1705.13.1 and AISC 341 Chapter J

c. The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.

d. When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 inches of the weld

e. All methods of installation for high strength bolts shall require verification of pre-tension by a Skidmore-Welhelm calibrator for each batch or source of bolts used (see minimum pre-tension chart below).

STEEL CONSTRUCTION[a,b] (CONT.)

Minimum Bolt Pretension (kips)

Bolt size inches	Group A (A325, etc.)	Group B. (A490, etc.)
½" Diameter	12	15
⅝" Diameter	19	24
¾" Diameter	28	35
⅞" Diameter	39	49
1" Diameter	51	64
1⅛" Diameter	56	80
1¼" Diameter	71	102
1⅜" Diameter	85	121
1½" Diameter	103	148

2

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

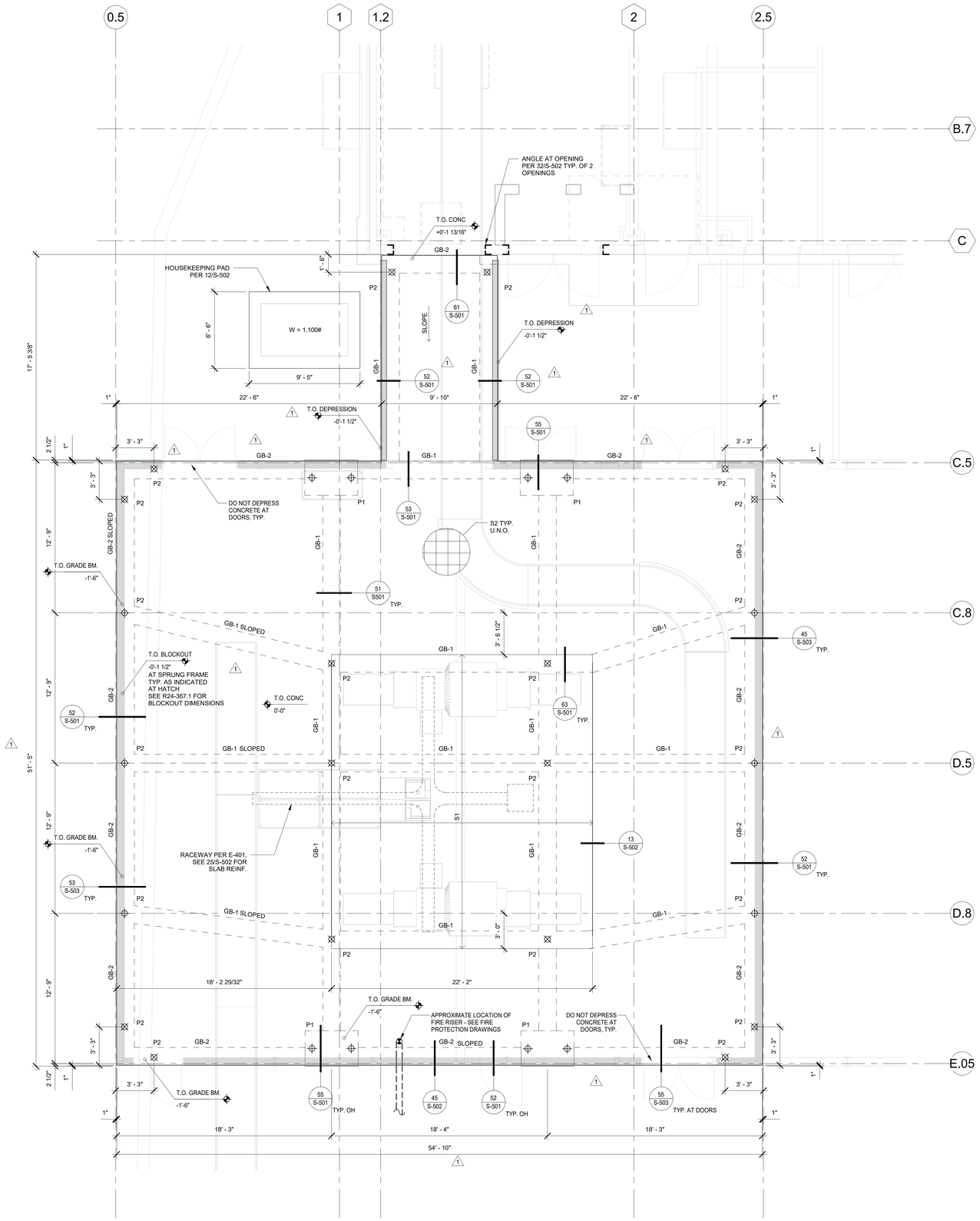
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M&H NO.: 1943000-222814.02
DATE: JANUARY 28, 2026
DESIGNED BY: JK
DRAWN BY: JK
CHECKED BY: MP
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SHEET CONTENTS
STRUCTURAL NOTES

SHEET NO.:
S-002

3/14/2024 1:26:01 PM S:\2023\23133\01 Inbox\2024-03-14 - Revit\Revit Model Update 3_14\240314_Revit Export\222814.02-A-R24_1.T.rvt



1 FOUNDATION PLAN
1/4" = 1'-0"

FOUNDATION NOTES:

1. Top of grade beam or pile cap -1'-0" U.N.O. on plan.
   Top of slab 0'-0" U.N.O. on plan
2. Civil Datum = 198.547'
3. See Structural Notes, Sheet S-001
4. All dimensions are to face concrete, U.N.O.
5. The foundation design is based on the minimum requirements outlined in the Project Geotechnical Report by Earth Systems Pacific, dated February 27, 2024 (Job No. 304536-001)
6. Prior to the Contractor requesting a Building Department Foundation Inspection, the project Geotechnical Engineer shall advise the Building Official in writing that:
   A. The building pad was prepared in accordance with the approved construction documents and project Geotechnical Engineer's recommendations.
   B. The utility trenches have been properly backfilled and compacted.
   C. The foundation excavations comply with the project Geotechnical Engineer's recommendations and are founded into firm competent material.
   D. The soils expansion index is verfied.
7. See S-501 for typical foundation details.
8. See 14/S-502 for slab schedule.
9. Provide 15 mil vapor barrier under slab on grade.
10. Coordinate slab edges with building manufacturer

1

GRADE BEAM SCHEDULE

MARK	DEPTH	WIDTH	REINFORCING		
			TOP BARS	BOTTOM BARS	TIES
GB-1	2'-0"	1'-6"	(3)-#7	(3)-#7	#4 @ 10" o.c.
GB-2	2'-0"	1'-6"	(3)-#6	(3)-#6	#4 @ 10" o.c.

HELICAL PILE AND PILE CAP SCHEDULE

MARK	HELICAL PILE					PILE CAP					
	QUANTITY	GROUP DESIGN DOWN FORCE	GROUP DESIGN UPLIFT	PILE MODEL A.B. CHANCE (ICC ESR-2794)	BRACKET CATALOG NUMBER	DEPTH	WIDTH	LENGTH	REINFORCING		
									TOP BARS	BOTTOM BARS	TIES
P1	2	25 K		SS5	C1500465G	2'-6"	3'-0"	4'-6"	#7 @ 8" o.c.	#7 @ 8" o.c.	#4 @ 12" o.c.
P2	1	17.8 K		SS5	C1500465G						

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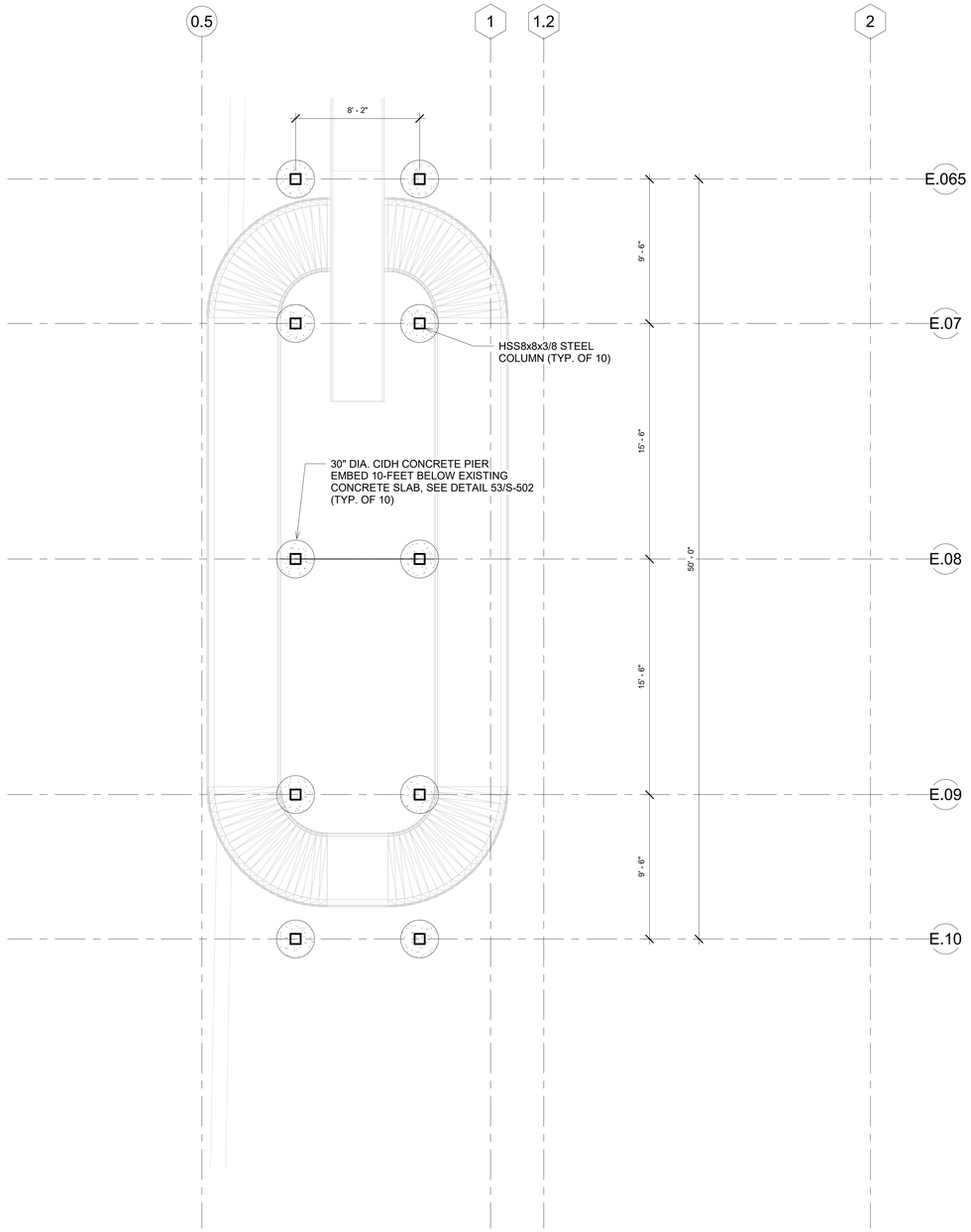
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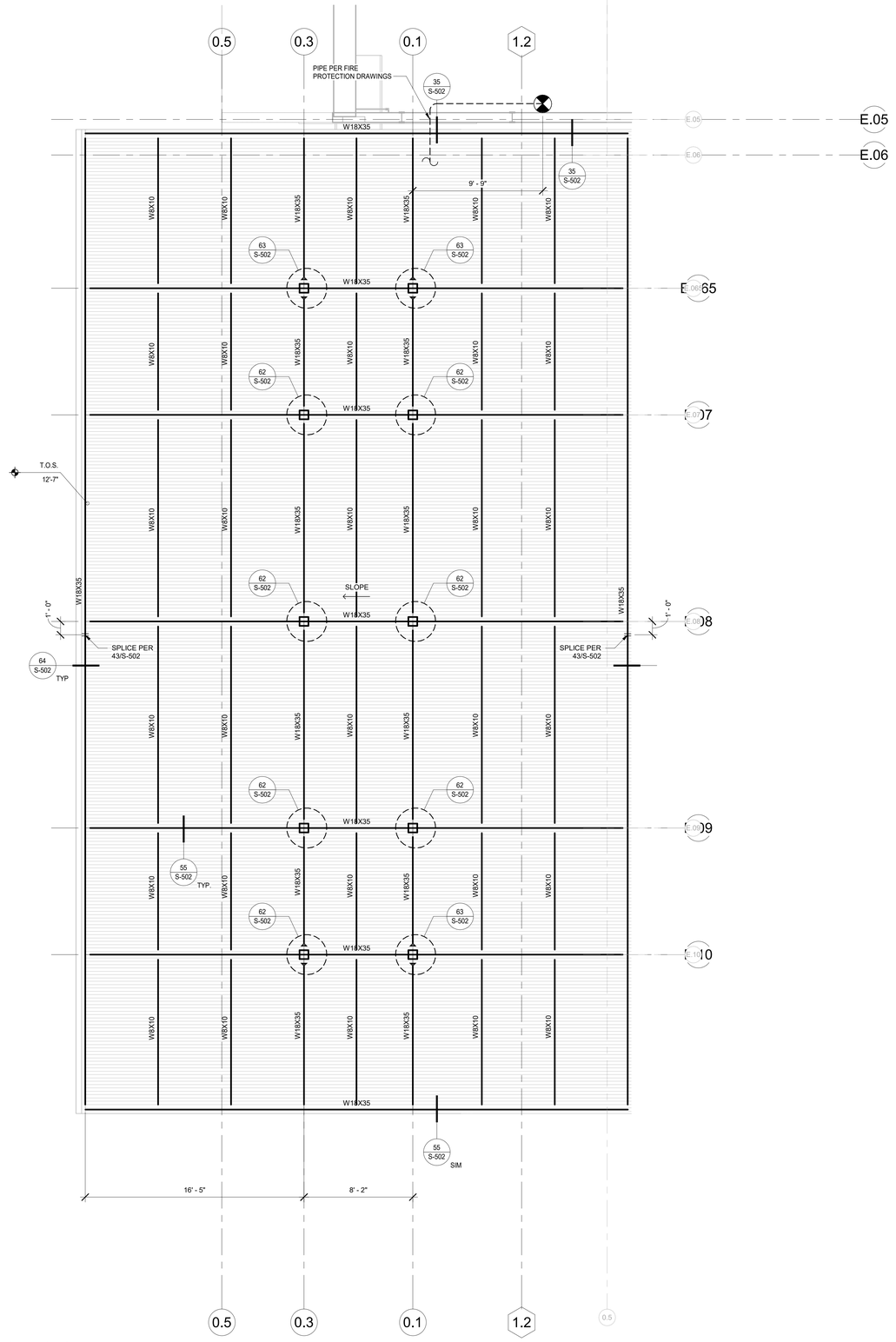
SHEET CONTENTS
FOUNDATION PLAN

SHEET NO.:
S-101

1/28/2026 11:59:18 AM S:\2023\2313303 Production\04 Models\222814.02-S-R24.rvt



1 FOUNDATION PLAN CANOPY
1/4" = 1'-0"



2 FRAMING PLAN CANOPY
1/4" = 1'-0"

NOTES:

1. MAINTAIN MINIMUM 3'-6" CLEAR FROM BOTTOM OF STEEL STRUCTURE TO TOP OF BAGGAGE BELT

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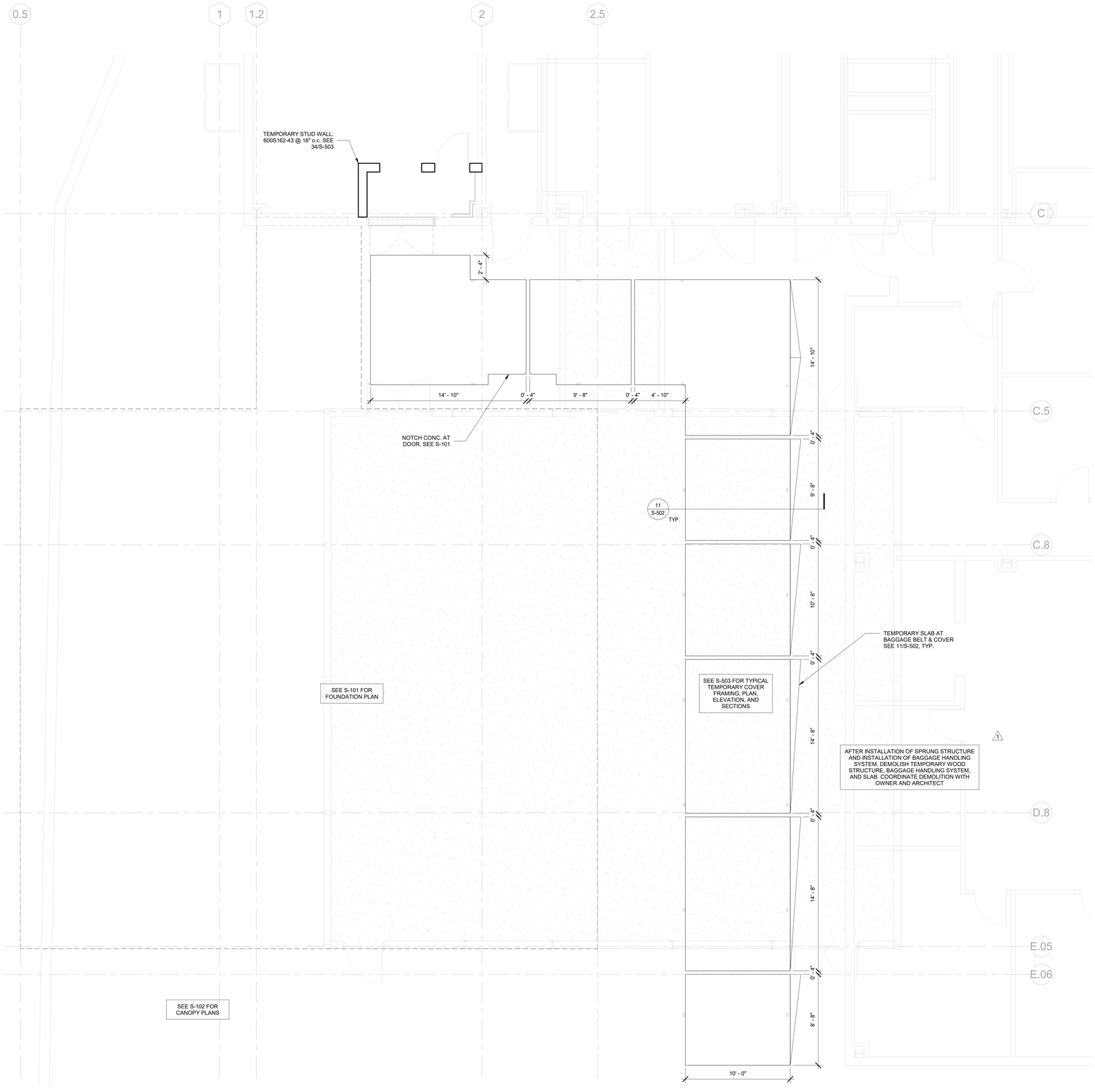
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SHEET CONTENTS
CANOPY FOUNDATION AND FRAMING PLAN

SHEET NO.:
S-102

1/28/2026 11:59:19 AM S:\2022\23133\03 Production\04 Models\222814.02-S-R24.rvt



1 TEMPORARY BAGGAGE BELT COVER FOUNDATION
1/4" = 1'-0"

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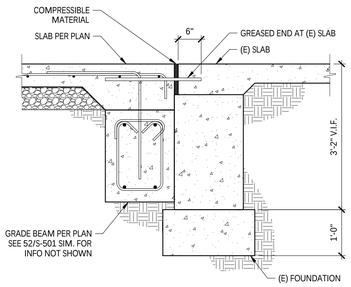
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M&H NO.: 1943000-222814.02
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SHEET CONTENTS
TEMPORARY BAGGAGE BELT COVER FOUNDATION

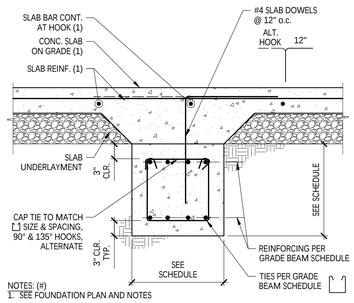
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(N)/(E) FOUNDATION

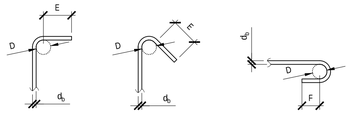
N.T.S. 61



NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES

INTERIOR GRADE BEAM

N.T.S. 51



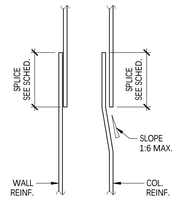
Bar Size	Dimension of Standard Bends		
	D	E ($6d_b$) [3" min.]	F ($4d_b$) [2½" min.]
#3	1½"Ø	3"	2½"
#4	2"Ø	3"	2½"
#5	2½"Ø	3¾"	2½"

TIE AND STIRRUP BENDS

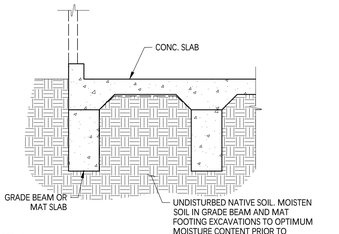
N.T.S. 41

Bar Size	LAP CLASS (3)	Concrete Strength f'_c = 3,000 psi (1)				Concrete Strength f'_c = 4,000 psi (1)				Rebar Yield Strength
		Top Bars (5)		Other Bars		Top Bars (5)		Other Bars		
		Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	Case 1	Case 2	f_y (Min.)
#3	A	22"	33"	17"	25"	19"	28"	15"	22"	60 ksi
	B	28"	42"	22"	33"	25"	37"	19"	28"	
#4	A	29"	43"	22"	33"	25"	37"	19"	29"	60 ksi
	B	38"	56"	29"	43"	33"	49"	25"	37"	
#5	A	36"	54"	28"	42"	31"	47"	24"	36"	60 ksi
	B	47"	70"	36"	54"	41"	61"	31"	47"	
#6	A	43"	65"	33"	50"	37"	56"	29"	43"	60 ksi
	B	56"	84"	43"	65"	49"	73"	37"	56"	
#7	A	63"	94"	48"	72"	54"	81"	42"	63"	60 ksi
	B	81"	122"	63"	94"	71"	106"	54"	81"	
#8	A	72"	107"	55"	83"	62"	93"	48"	72"	60 ksi
	B	93"	139"	72"	107"	81"	121"	62"	93"	
#9	A	81"	121"	62"	93"	70"	105"	54"	81"	60 ksi
	B	105"	157"	81"	121"	91"	136"	70"	105"	

BAR SPLICE LENGTH SCHEDULE



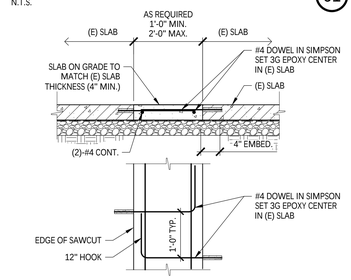
WALL & COLUMN SPLICE



NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES
2. REFER TO SITE PREPARATION AND GRADING NOTES ON ----
3. IF BACKFILL IS REQUIRED ADJACENT TO GRADE BEAMS AND MAT FOUNDATIONS, CONTROLLED LOW STRENGTH MATERIAL (CLSM OR SLURRY) SHALL BE USED FOR BACKFILL RATHER THAN COMPACTED SOIL.

BLDG. PAD PREPARATION

N.T.S. 11

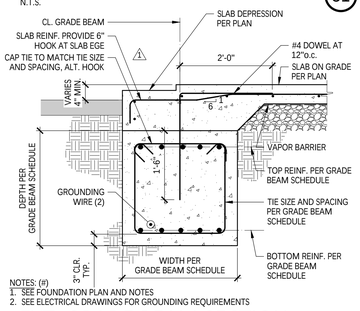


PLAN

NOTES: (#)
1. SEE 14/S-501 FOR CONDITION WHERE SLAB CUT WIDTH EXCEEDS 2'-0"

SLAB REPAIR DETAIL

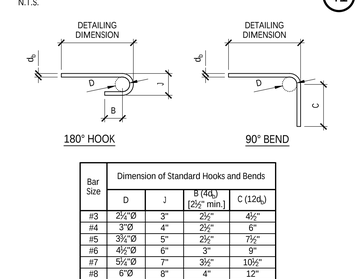
N.T.S. 62



NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES
2. SEE ELECTRICAL DRAWINGS FOR GROUNDING REQUIREMENTS

EXT. GRADE BEAM SECTION

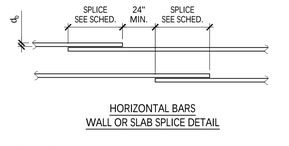
N.T.S. 52



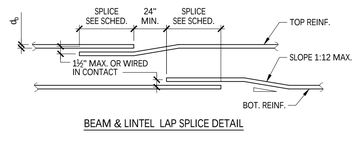
Bar Size	Dimension of Standard Hooks and Bends			
	D	J	B ($4d_b$) [2½" min.]	C ($12d_b$)
#3	2½"Ø	3"	2½"	4½"
#4	3"Ø	4"	2½"	6"
#5	3½"Ø	5"	2½"	7½"
#6	4½"Ø	6"	3"	9"
#7	5½"Ø	7"	3½"	10½"
#8	6"Ø	8"	4"	12"
#9	9"Ø	11½"	4½"	13½"
#10	10"Ø	12½"	5"	15"

REBAR HOOKS & BENDS

N.T.S. 42



HORIZONTAL BARS
WALL OR SLAB SPLICE DETAIL



BEAM & LINTEL LAP SPLICE DETAIL

NOTES: (#)
1. THIS TABLE FOR USE WITH NORMAL WEIGHT HARDROCK CONCRETE. FOR LIGHTWEIGHT AGGREGATE CONCRETE, USE 1.33xL, WHERE L = BASIC LAP SPLICE AS SHOWN IN SCHEDULE
2. WHERE BARS OF A DIFFERENT SIZE ARE LAPPED, THE LAP LENGTH SHALL BE THE LENGTH REQUIRED BY THE LARGER BAR
3. CLASS A - HALF OR LESS OF THE BARS ARE SPLICED WITHIN A REQUIRED LAP LENGTH
   CLASS B - MORE THAN HALF OF THE BARS ARE SPLICED WITHIN A REQUIRED LAP LENGTH
   ALL SPLICES SHALL BE CLASS B U.N.O.
4. CASES 1 AND 2 ARE DEFINED AS FOLLOWS:

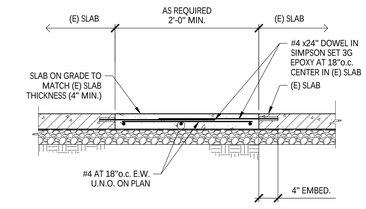
   BEAMS OR COLUMNS:
   CASE 1: COVER AT LEAST $1.0d_b$ AND CENTER TO CENTER SPACING AT LEAST $2.0d_b$
   CASE 2: COVER LESS THAN $1.0d_b$ OR CENTER TO CENTER SPACING LESS THAN $2.0d_b$

   ALL OTHER MEMBERS:
   CASE 1: COVER AT LEAST $1.0d_b$ AND CENTER TO CENTER SPACING AT LEAST $3.0d_b$
   CASE 2: COVER LESS THAN $1.0d_b$ OR CENTER TO CENTER SPACING LESS THAN $3.0d_b$

5. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR

TYPICAL REINFORCING LAP SPLICES

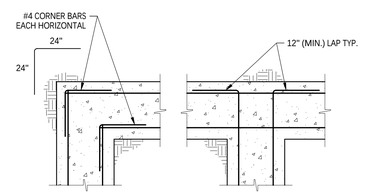
N.T.S. 22



NOTES: (#)
1. SEE 62/S-501 FOR NARROW INTERIOR SAWCUT CONDITION WHERE SLAB CUT WIDTH IS 1'-0" TO 2'-0"

SLAB REPAIR DETAIL

N.T.S. 13

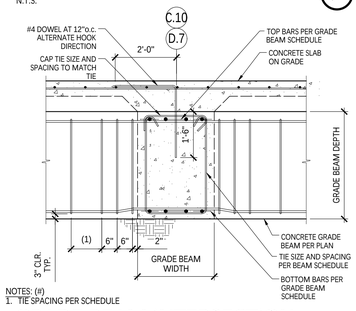


PLAN VIEW

NOTES: (#)
1. TYPICAL HORIZONTAL FOOTING STEEL SHOWN
2. VERTICAL STEEL NOT SHOWN FOR CLARITY
3. SEE SPECIFIC DETAILS FOR STEEL SIZE, NUMBER, AND SPACING

TYP. FOOTING CORNER

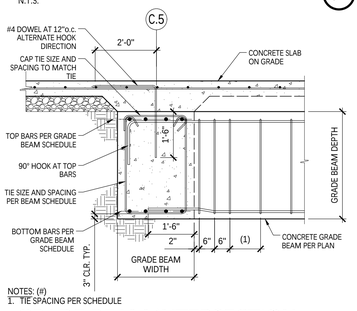
N.T.S. 12



NOTES: (#)
1. TIE SPACING PER SCHEDULE

GRADE BEAM INTERSECTION

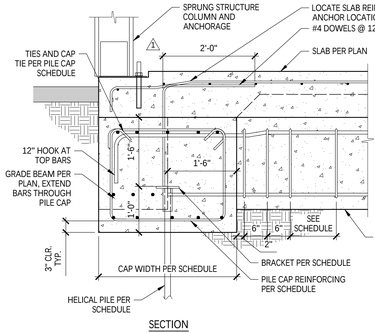
N.T.S. 63



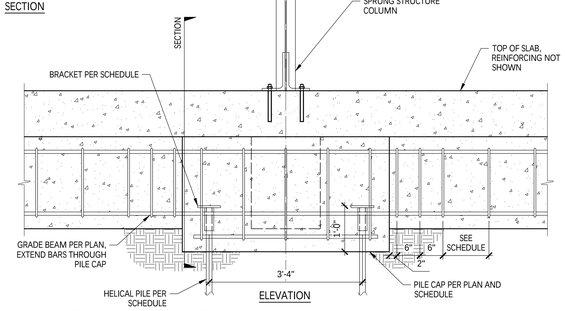
NOTES: (#)
1. TIE SPACING PER SCHEDULE

GRADE BEAM INTERSECTION

N.T.S. 53



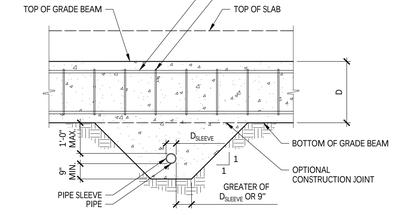
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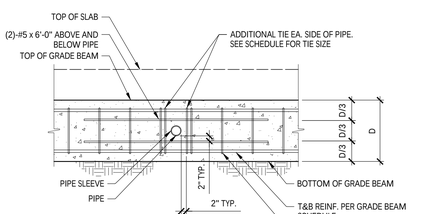
ELEVATION

SPRUNG COLUMN TO FOUNDATION

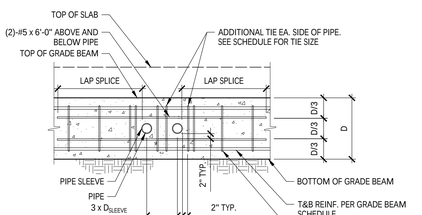
N.T.S. 55



CASE 1:
PIPE BELOW GRADE BEAM
WITHIN 12" OF BOTTOM OF FOOTING



CASE 3:
PIPE IN MIDDLE THIRD OF GRADE BEAM

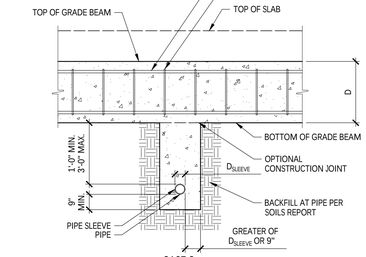


CASE 5:
MULTIPLE PIPES IN MIDDLE THIRD OF GRADE BEAM

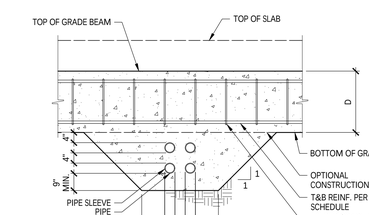
NOTES:
1. D = DEPTH OF GRADE BEAM
2. D_{SLEEVE} = DIAMETER OF PIPE SLEEVE
3. SLEEVE INSIDE DIAMETER 2" LARGER THAN PIPE OUTSIDE DIAMETER
4. SEAL VOID BETWEEN PIPE AND SLEEVE WITH ELASTIC WATERPROOF MATERIAL
5. FOR PIPES 3'-0" OR GREATER BELOW FOOTING COMPACT BACKFILL OVER PIPE AS INDICATED IN GEOTECHNICAL REPORT OR USE STEPPED FOOTING BELOW PIPE
6. PIPES SHALL NOT BE INSTALLED IN THE TOP OR BOTTOM THIRD OF GRADE BEAM
7. PIPES GREATER THAN D/3 OR 8" SHALL BE PLACED ABOVE OR BELOW GRADE BEAM

PIPE THROUGH GRADE BEAM

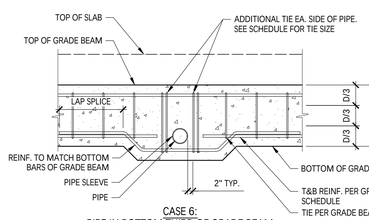
N.T.S. 25



CASE 2:
PIPE BELOW GRADE BEAM
WITHIN 36" OF BOTTOM OF FOOTING



CASE 4:
CONDUIT/PIPE BANK BELOW GRADE BEAM



CASE 6:
PIPE IN BOTTOM THIRD OF GRADE BEAM

REINFORCMENT CLEAR COVER

USE	BAR SIZE	CLEAR COVER
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	#3 THROUGH #11	3"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER	#6 THROUGH #11	2"
	#5 AND SMALLER	1½"
WALLS	#11 AND SMALLER	¾"
BEAMS	#11 AND SMALLER	1½"
SLABS	#6 THROUGH #11	¾"
	#5 AND SMALLER	½"

TYPICAL CONCRETE COVER

N.T.S. 14

Mead & Hunt

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LAUREL E. PARKS
No. 5405
STRUCTURAL
STATE OF CALIFORNIA

SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

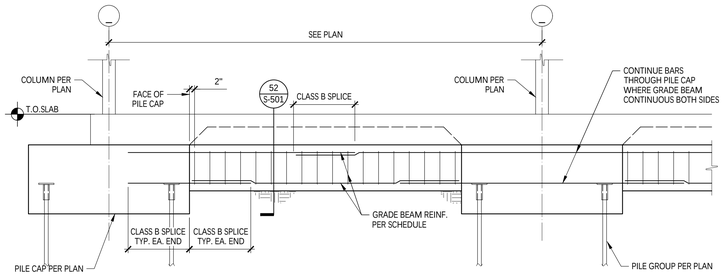
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1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: JANUARY 28, 2026
DESIGNED BY: JK
DRAWN BY: JK
CHECKED BY: MP
DO NOT SCALE DRAWINGS

SHEET CONTENTS
FOUNDATION DETAILS

SHEET NO.:
S-501

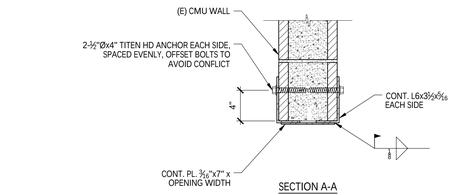
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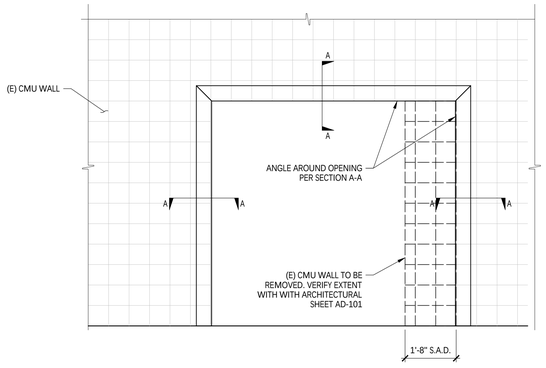
NOTES: (#)
1. COLUMN, PILE CAP, AND SLAB REINFORCEMENT NOT SHOWN

TYPICAL GRADE BEAM REINFORCMENT 51

N.T.S.

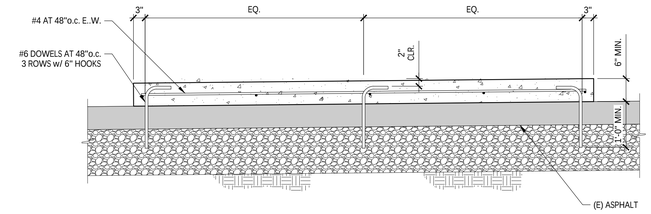


SECTION A-A



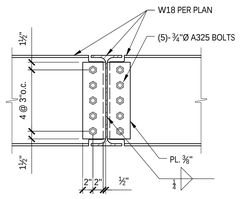
ENLARGED OPENING IN (E) CMU WALL 32

N.T.S.



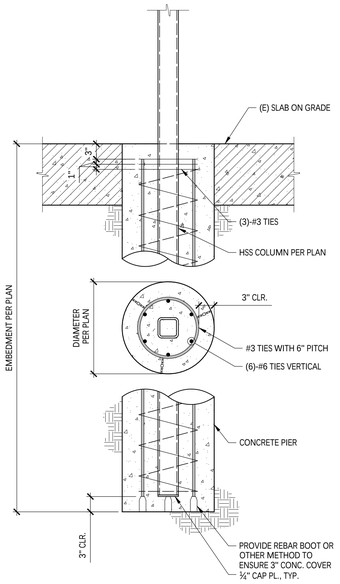
TEMPORARY BAGGAGE BELT COVER SLAB 11

N.T.S.



W18 TO W18 CONNECTION 62

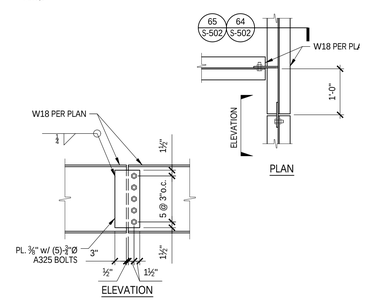
N.T.S.



NOTES: (#)
1. SEE FRAMING/FOUNDATION PLAN AND NOTES

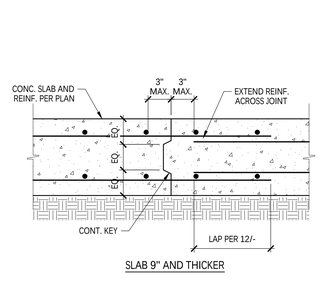
CONCRETE DRILLED PIER 53

N.T.S.

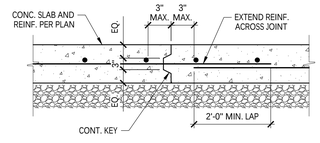


FASCIA BEAM SPLICE 43

N.T.S.



SLAB 9" AND THICKER

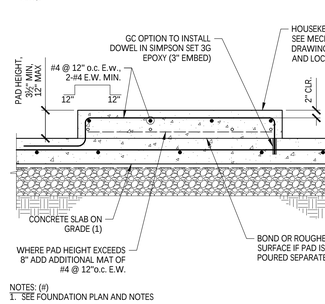


SLAB 8" THICK OR LESS

NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES

TYPICAL CONST. JOINT 34

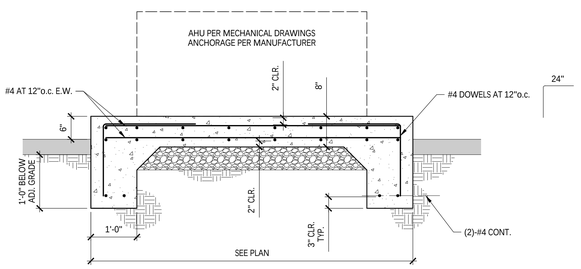
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NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES

HOUSEKEEPING SLAB 23

N.T.S.



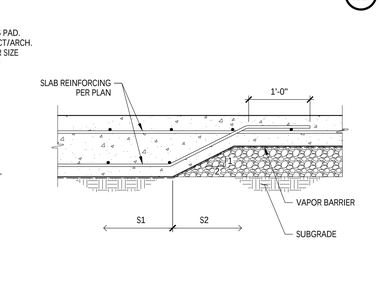
HOUSEKEEPING PAD 12

N.T.S.

SLAB SCHEDULE				
MARK	THICKNESS	TYPICAL REINFORCEMENT		REMARKS
		TOP	BOTTOM	
S1	12"	#5 @ 12"o.c. E.W.	#5 @ 12"o.c. E.W.	
S2	6"	#4 @ 12"o.c. E.W.		CENTER REINF. IN SLAB

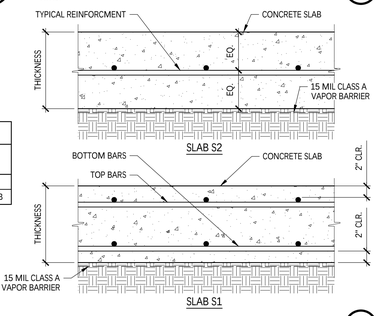
SLAB SCHEDULE 14

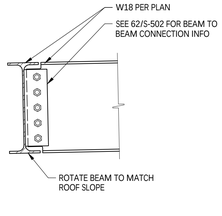
N.T.S.



SLAB TRANSITION 13

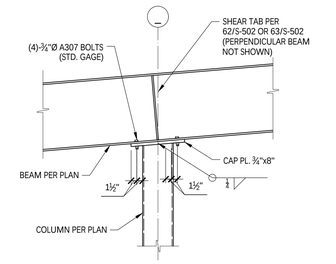
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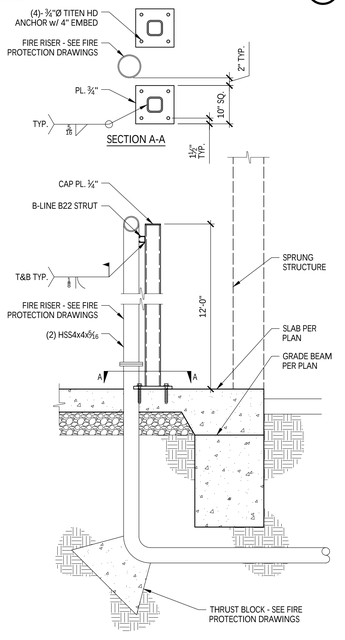
LOW EAVE 64

N.T.S.



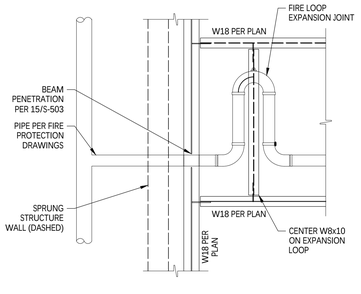
BEAM TO COLUMN 54

N.T.S.



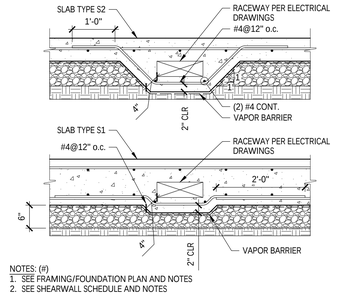
FIRE RISER SUPPORT 45

N.T.S.



PLAN - FRMG. AT FLEX JOINT 34

N.T.S.



NOTES: (#)
1. SEE FRAMING/FOUNDATION PLAN AND NOTES
2. SEE SHEARWALL SCHEDULE AND NOTES

RACEWAY IN SLAB 25

N.T.S.

HIGH EAVE 65

N.T.S.

W8 TO W18 CONNECTION 55

N.T.S.

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Mead & Hunt, Inc.
3110 E. Guasti Road.
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No. 5405
STRUCTURAL
STATE OF CALIFORNIA

SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

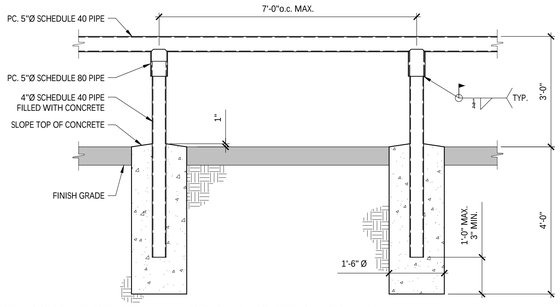
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DATE: JANUARY 28, 2026
DESIGNED BY: JK
DRAWN BY: JK
CHECKED BY: MP
DO NOT SCALE DRAWINGS

SHEET CONTENTS
DETAILS

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S-502

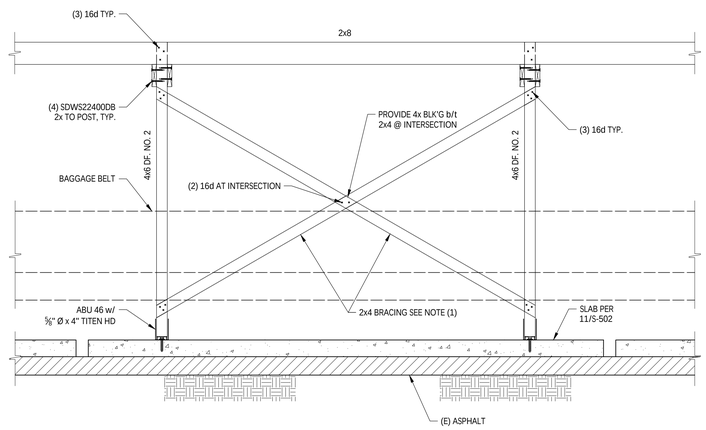
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IMPACT PROTECTION AT SPRUNG STRUCTURE

N.T.S.

52

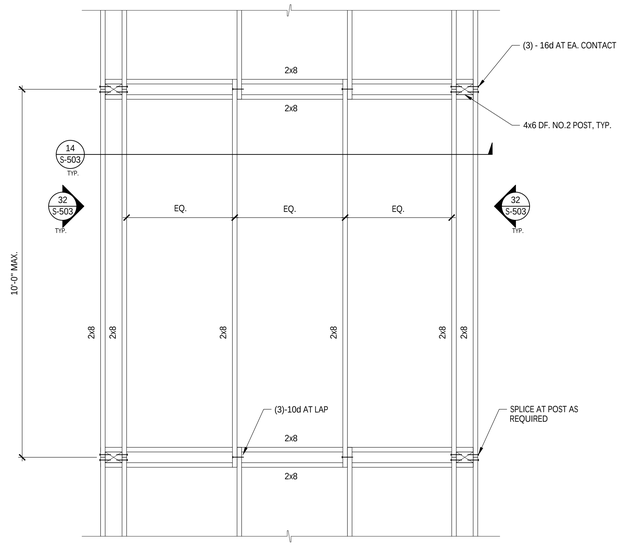


NOTES: (#)
1. BRACE EVERY THIRD BAY, MINIMUM

TYPICAL ELEVATION

N.T.S.

32

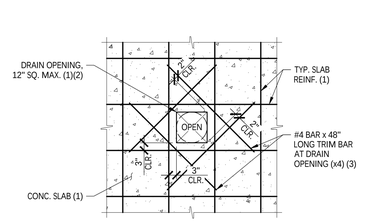


NOTES: (#)
1. ALL FRAMING SHALL BE DF No.2 OR BETTER

TYPICAL TEMPORARY COVER FRAMING PLAN

N.T.S.

12

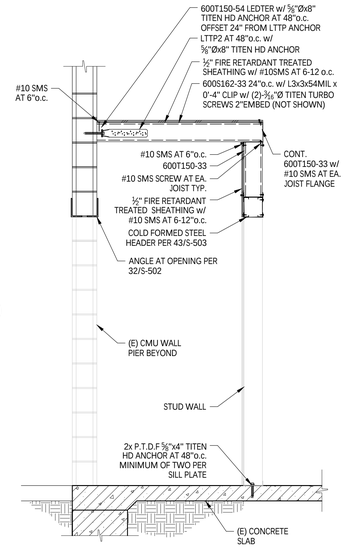


NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES
2. SEE ARCHITECTURAL PLAN
3. OR 1" WITHIN FACE OF CURB AT WALL

OPENING IN S.O.G.

N.T.S.

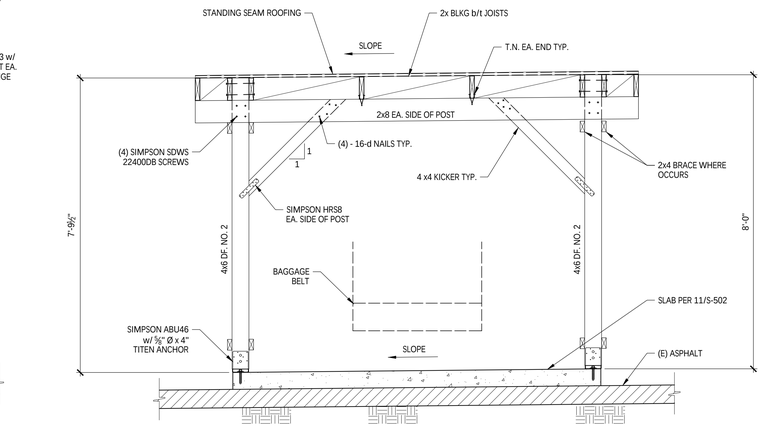
43



TEMPORARY STUD WALL

N.T.S.

34

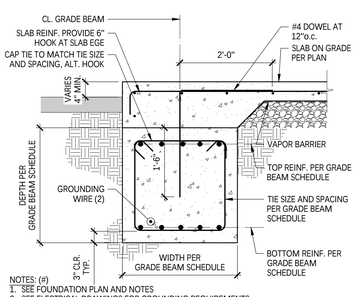


NOTES: (#)
1. ALL FRAMING SHALL BE DF No.2 OR BETTER

TYPICAL SECTION

N.T.S.

14

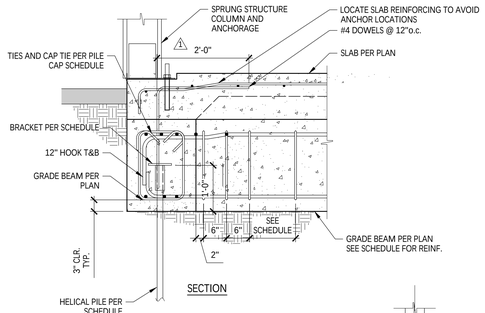


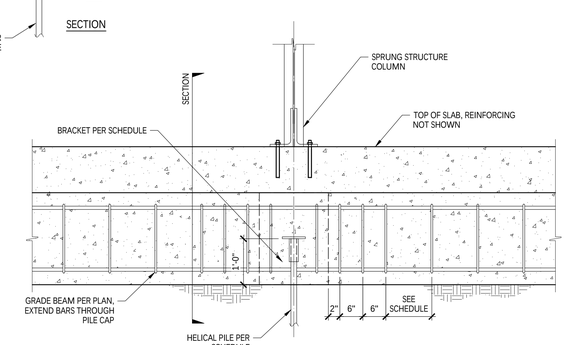
NOTES: (#)
1. SEE FOUNDATION PLAN AND NOTES
2. SEE ELECTRICAL DRAWINGS FOR GROUNDING REQUIREMENTS

EXT. GRADE BEAM AT DOOR

N.T.S.

55

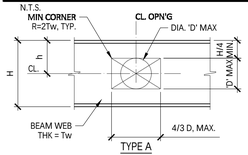




SPRUNG COLUMN TO FOUNDATION

N.T.S.

45



TYPE A

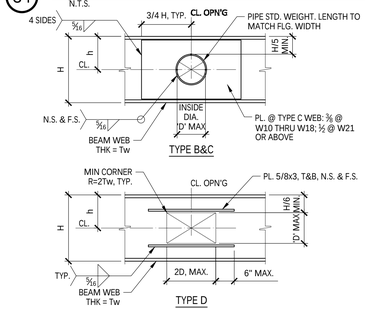
TABLE OF UNSCHEDULED PENETRATIONS				
	'D' MAX			
	TABLE A	TABLE B	TABLE C	TABLE D
	H/5	H/3	H/2	H/3

NOTES:
1. NO PENETRATIONS SHALL BE PALCED IN BEAMS IN BRACED OR MOMENT FRAMES, OR TRUSS MEMBERS, PER THIS DETAIL.
2. CONTRACTOR SHALL COORDINATE PENETRATION SIZES WITH FIREPROOFING REQUIREMENTS.
3. ERECTED BEAM SHALL BE SHORED FOR NEW WEB PENETRATION.
4. ALL BEAM WEB PENETRATIONS ARE SUBJECT TO REVIEW AND APPROVAL BY SEOR.

BEAM PENETRATION

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25



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REGISTERED PROFESSIONAL ENGINEER DANIEL E. PARKS No. 5405 STRUCTURAL STATE OF CALIFORNIA

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
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CHECKED BY: MP
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SHEET CONTENTS
DETAILS

SHEET NO.:
S-503

3/14/2024 1:26:01 PM S:\2023\23133\01 Inbox\2024-03-14 - Revit\Revit Model Update 3_14\240314_Revit Export\222814-02-A-R24_LT.rvt

GENERAL NOTES

STRUCTURE LOCATION

975 AIRPORT DRIVE
SAN LUIS OBISPO, CA 93401

DESIGN CRITERIA

CODES AND STANDARDS
2022 CARLIFORNIA BUILDING CODE (CBC)
ASCE 7-16
AISC 360-16
ASCE 55-16

VERTICAL LOADS ROOF
DEAD LOAD = SELF WEIGHT + 3.4 PSF (FABRIC & UTILITY)
LIVE LOAD = 0 PSF (BOUNDARY-LESS SHAPE OF THE SHELL COUPLED WITH THE SLIPPERY CANVAS DOES NOT PERMIT SAFE ACCESS TO THE TOPSIDE, NOR CAN ANY RE-ROOFING WORK BE UNDERTAKEN)
ROOF SNOW LOAD = 0 PSF
GROUND SNOW LOAD=0PSF
Ce=1.0, Ct=1.0, Cs=0.68, Is=1.1
FOR SNOW AREAS ONLY - THIS STRUCTURE IS DESIGNED TO SHED/RELEASE SNOW, THE PERIMETER OF THE STRUCTURE SHALL BE KEPT CLEAR.

LATERAL LOADS
SEISMIC
RISK CATEGORY: III
SEISMIC DESIGN CATEGORY: D
SITE CLASS: D - DEFAULT
SS = 1.072
S1 = 0.394
Fa = 1.2
Fv = 1.906
SDS = 0.858
SD1 = 0.501
PGA = 0.475
ALTERNATIVE STRUCTURAL SYSTEMS GOVERN SEISMIC DESIGN (ASCE 7-16 SECTION 12.2.1.1)
R=3.0 ALUMINUM ORDINARY MOMENT FRAME, TRANSVERSE (ADM 2020 PART II SECTION B.2.1)
R=3.0 ALUMINUM ORDINARY CONCENTRICALLY BRACED FRAME, LENGTHWISE (LESS DUCTILE THAN STEEL OCBF W/ R=3.25)
BUILDING HEIGHT= 24'-11"
IE = 1.25
Ωo = 2.5
Cd = 3.0
IP(Component Importance Factor) = 1.0
CS = 0.357
STRUCTURE'S WEIGHT W = 21.88 KIPS
SEISMIC BASE SHEAR = WxCs =7.9 KIPS (ASD)
SEISMIC FORCE RESISTING SYSTEM: MOMENT RESISTING FRAME (SHORT DIRECTION) AND CABLE BRACED (LONG DIRECTION)
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
LINEAR STATIC WIND
VULT = 99 MPH
RISK CATEGORY: III
EXPOSURE CATEGORY: C
GCPI = ±0.18

UTILITY LOADS

SPRUNG STRUCTURES ARE DESIGNED TO SUPPORT AN AVERAGE AND BALANCED UTILITY LOAD OF 2 PSF, COMPRISED OF SUCH ITEMS AS SPRINKLER LINES, HVAC DUCTS, ELECTRICAL, LIGHTING, FANS, CEILING GRIDS, AUDIO-VISUAL EQUIPMENT, ETC. THE SEISMIC EFFECT AND FORCES CAUSED BY THE UTILITY LOAD ALLOWANCE ARE TAKEN INTO CONSIDERATION IN THE DESIGN OF THE STRUCTURE.

FOR MANY STRUCTURES, THE WIND EFFECT FROM THE DESIGN WIND SPEED EXCEEDS THE FORCES THE STRUCTURE WILL SEE FROM THE SEISMIC DEMAND CAUSED BY THE PROPOSED SUSPENDED UTILITIES. REGARDLESS OF WHAT CONTROLS ENGINEERING REQUIREMENTS, ALL STRUCTURAL DESIGNS INCLUDE THIS 2-PSF UTILITY LOAD ALLOWANCE, AND ARE ENSURED TO HAVE SUFFICIENT CAPACITY TO UNIFORMLY SUPPORT IT.

THE MAXIMUM CONCENTRATED LOAD AT ANY ATTACHMENT POINT IS 300 LBS.

CONCENTRATED LOADS GREATER THAN 300 LBS MUST BE APPROVED BY SPRUNG, AND IF PRESENT, REQUIRE A PROJECT SPECIFIC UTILITY LOAD STUDY TO BE CONDUCTED.

ATTACHMENT OF THE UTILITIES MUST ONLY BE TO THE BOTTOM FLANGE OF THE (FRAME) BEAM AND CAN BE ACHIEVED USING THE FLANGE`S BOLT CHASE (3/8" DIA. FOR 5X10 BEAMS & 1/2" DIA. FOR 8x12 BEAMS). FOR STRUCTURES WITHOUT AN INTERIOR LINER, APPROVED SPECIALTY BEAM CLAMPS OR THE BOLT CHASE MAY BE USED TO ATTACH UTILITIES TO THE ALUMINUM ARCHES. BEAM CLAMPS SHALL ENGAGE THE BOTTOM FLANGE OF THE ARCH BEAM ON BOTH SIDES OF THE WEB BEAM CLAMPS SHALL NOT ENGAGE THE ROPE CHASE. ECCENTRIC CONNECTIONS TO THE FLANGE ARE NOT PERMITTED, REGARDLESS OF ATTACHMENT METHOD.

NO UTILITY LOADS CAN BE ATTACHED TO THE (FRAME) BEAMS WITH SCREWS OR OTHER METHODS THAT PUNCTURE THE BEAM`S FLANGES OR WEB. UNDER NO CIRCUMSTANCES CAN LOADS BE ATTACHED TO PURLINS/SPREADERS OR CABLES. ANY ATTACHMENT TO THE STRUCTURE SHOULD BE FLEXIBLE ENOUGH TO ALLOW FOR THE MOVEMENT OF THE STRUCTURE IN HIGH WIND CONDITIONS. ALL METHODS AND DESIGN OF ATTACHMENT OF THE UTILITIES TO THE STRUCTURE ARE THE RESPONSIBILITY OF YOUR CLIENT `S ENGINEER.

QUALITY CONTROL

ISO 9001:2021
INSPECTION DOCUMENTATION IS AS PER THE ISO STANDARD AND AS PER ADM CHAPTER N.2.

ALUMINUM:
- MIL CERTS ARE CHECKED FOR CONFORMANCE WITH SPRUNG'S SPECIFICATIONS.
- ALUMINUM PROFILES ARE RANDOMLY SELECTED TO ENSURE CONFORMANCE TO ASTM B209-14.
- ALL CURVED SECTIONS FROM BENDERS ARE TO BE PLACED IN A JIG AND CHECKED FOR GEOMETRIC TOLERANCES.
- MANUFACTURING CONSIST OF CUTTING OF THE ALUMINUM EXTRUSIONS, DRILLING OF HOLES C&C MACHINES AND PUNCH PRESSES WITH DIES.
- FABRICATED PARTS ARE VISUALLY CHECKED TO ENSURE IT CONFORMS WITH SHOP DRAWINGS.

STEEL PARTS:
- ALL WELDED STRUCTURAL STEEL COMPONENTS ARE FABRICATED IN AN AWS SHOP.
- ALL STRUCTURAL STEEL COMPONENTS ARE HOT DIPPED GALVANIZED TO ASTM A153-2016A STANDARDS.

MEMBRANE:
- UPON RECEIPT OF MATERIALS, MIL CERTS ARE CHECKED FOR CONFORMANCE WITH SPRUNG'S SPECIFICATIONS.
- AS MEMBRANE IS PATTERNED AND ASSEMBLED, A VISUAL CHECK OF THE MEMBRANE TAKES PLACE. FLAWED MATERIAL IS PUT ASIDE.
- COMPLETED MEMBRANE PANELS ARE VISUALLY CHECKED TO ENSURE DIMENSIONAL ACCURACY.

MATERIALS

ALUMINUM: ADM 2020
6351-T6, DESIGN & FABRICATION SHALL BE PER THE ALUMINUM DESIGN MANUAL.
MECHANICAL PROPERTIES:

TENSION
Fu ULTIMATE = 42 ksi Fy YIELD = 37 ksi ELONGATION = 8%

SHEAR
Fsu ULTIMATE = 25 ksi Fsy YIELD = 22 ksi

BEARING
Fb ULTIMATE = 84 ksi

MEMBRANE: ASCE-55-16

OUTER MEMBRANE - HERCULITE EXCEL 18
- FINISHED COATED WEIGHT 20 +/- 2 oz/yd^2
- TONGUE TEAR 175/155 lbf
- GRAB TENSILE 450/345 lbf
- STRIP TENSILE 1" 325/245 lbf/in
- ADHESION 10 lbf/in
- HYDROSTATIC RESISTANCE 600psi
- LOW TEMPERATURE 1/8" MANDREL, 4hr - PASS @ -40 DEGREES F

DAYLIGHT PANEL MEMBRANE - SEAMAN SHELTER-RITE 8324
- FINISHED COATED WEIGHT 24 +/- 2 oz/yd^2
- TONGUE TEAR 140/130 lbf
- GRAB TENSILE 400/350lbf
- STRIP TENSILE 1" 300/240 lbf/in
- ADHESION 10 lbf/in
- HYDROSTATIC RESISTANCE 500psi
- LOW TEMPERATURE 1/8" MANDREL, 4hr - PASS @ -40 DEGREES F

INNER LINER - HERCULITE EXCEL 14
- FINISHED COATED WEIGHT 14 +/- 2 oz/yd^2
- TONGUE TEAR 120/155 lbf
- GRAB TENSILE 230/215 lbf
- STRIP TENSILE 1" 170/140lbf/in
- ADHESION 12 lbf/in
- HYDROSTATIC RESISTANCE 380psi
- LOW TEMPERATURE 1/8" MANDREL, 4hr - PASS @ -40 DEGREES F

STRUCTURE MEMBRANE MEETS:
- NFPA 701
- CALIFORNIA STATE FIRE MARSHALL
- ASTM-E-84 CLASS A

STEEL: AISC 360-16
- 44-ksi Fy STRENGTH (44W)

ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE HOT DIPPED GALVANIZED TO ASTM A153-09 STANDARDS. DESIGN AND FABRICATION OF STRUCTURAL STEEL SHALL BE IN CONFORMANCE WITH AISC 360-16 & ASTM A572-15 GRADE 42 COMPLIANT.

ALL WELDS AND WELDING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE "THE AMERICAN WELDING SOCIETY."

ALL WELDS SHALL BE MADE WITH E70XX ELECTRODES AND BY WELDERS CERTIFIED BY AWS STANDARDS WITHIN THE LAST 12 MONTHS.

STRUCTURAL BOLTS:
STRUCTURAL BOLTS, ZINC-DICHROMATE PLATE SAE GRADE 8. ALL STRUCTURAL BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION; I.E., ALL PLIES SHALL BE BROUGHT INTO FIRM CONTACT WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN WITH A SPUD WRENCH.

CABLE BRACING: ASCE 19-16
- ALL CABLE BRACING 1/2" DIAMETER STEEL GALVANIZED AIRCRAFT CABLE C/W HOT DIPPED GALVANIZED HEAVY DUTY THIMBLE EYES. 6X19+ IWRC, 26,600 LBS MINIMUM BREAKING STRENGTH.
- 5/8" X 9" JAW/JAW TURNBUCKLES - HOT DIPPED GALVANIZED
- 5/8" SHACKLES - HOT DIPPED GALVANIZED

DISSIMILAR METALS:
AS PER THE ALUMINUM DESIGN MANUAL, ALUMINUM CAN BE COUPLED TO MAGNESIUM, ZINC, CADMIUM, AND PASSIVE STAINLESS STEEL WITHOUT THE THREAT OF GALVANIC CORROSION.

STRUCTURE ANCHORAGE (EARTH)

1. MR3 EARTH ANCHOR IN CONJUNCTION WITH 2 @ 3/4" DIA. X 5FT PINS PER COLUMN BASE.
2. SOIL CAPACITY FOR THE EARTH ANCHORING METHOD TO BE REVIEWED AND APPROVED BY A LOCAL ENGINEER.
3. EARTH ANCHORS TO BE PULLED AND LOCKED TO THE VALUES AS OUTLINED ON THE EARTH ANCHOR LAYOUT (BY SPRUNG). ACHIEVED VALUES ARE TO BE RECORDED ON THIS DRAWING AT TIME OF INSTALLATION.
4. EARTH ANCHORS MUST BE PROOF TESTED TO THE LOADS SPECIFIED ON EARTH THE ANCHOR LAYOUT (BY SPRUNG) WITH THE FORESIGHT LL-2 LOAD LOCKER OR AN ENGINEER APPROVED EQUIVALENT.
5. ATTACHMENT OF THE MR3 EARTH ANCHORS TO THE SPRUNG ARCHES TO BE MAINTAINED IN A TAUT CONDITION THROUGH OUT THE LIFE OF THE STRUCTURE.
6. MINIMUM EARTH ANCHOR DEPTH = 7'-0" OR DEEPER DEPENDING ON SOIL CONDITIONS AS DETERMINED BY LOCAL ENGINEER.

STRUCTURE ANCHORAGE (CONCRETE)

HILTI ADHESIVE AND MECHANICAL ANCHORS
THE APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. THE DESIGN INFORMATION LISTED IN THE RESEARCH REPORT AND TABLES ARE VALID FOR THE FASTENERS ONLY. CONNECTED MEMBERS SHALL BE CHECKED FOR THEIR CAPACITY (WHICH MAY GOVERN).
2. THE ANCHORS SHALL BE IDENTIFIED BY LABELS ON THE PACKAGING INDICATING THE MANUFACTURER'S NAME AND PRODUCT DESIGNATION.
3. DESIGN INFORMATION, EDGE DISTANCES, SPACING AND MINIMUM EMBEDMENT REQUIREMENTS SHALL BE PER TABLES IN ICC-ES REPORT NO. ESR-3187.
4. SPECIAL INSPECTION SHALL BE PROVIDED FOR ANCHOR INSTALLATIONS.
5. THE ANCHORS SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTRUCTIONS EXCEPT AS OTHERWISE STATED IN THIS REPORT. COPIES OF THE INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE AT EACH JOB SITE.
6. THE ADHESIVE ANCHORS AND POST INSTALLED REINFORCING BAR CONNECTORS SHALL NOT BE USED TO SUPPORT FIRE-RESISTIVE CONSTRUCTION, UNLESS IN COMPLIANCE WITH SECTION 5.12 OF ICC-ES ESR3187.
7. MINIMUM CONCRETE COVER PER ACI 318-19 SHALL BE FOLLOWED WHENEVER APPLICABLE.
8. ATTACHMENT TO MASONRY IS OUTSIDE THE SCOPE OF THIS APPROVAL.

STRUCTURAL OBSERVATION

(1) STRUCTURAL OBSERVATION MAY BE REQUIRED FOR THE STRUCTURAL SYSTEM. STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION AT THE CONSTRUCTION SITE OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES, AND THE COMPLETE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING INSPECTOR OR THE DEPUTY INSPECTOR.

(2) THE OWNER SHALL EMPLOY A STATE REGISTERED (AS REQUIRED) CIVIL OR STRUCTURAL ENGINEER OR LICENSED ARCHITECT TO PERFORM THE STRUCTURAL OBSERVATION. LOCAL PLANNING DEPT MAY REQUIRE THE USE OF THE ENGINEER OR ARCHITECT, OR HIS/HER DESIGNEE RESPONSIBLE FOR THE STRUCTURAL DESIGN WHO ARE INDEPENDENT OF THE CONTRACTOR.

(3) THE STRUCTURAL OBSERVER SHALL PROVIDE EVIDENCE OF EMPLOYMENT BY THE OWNER OR THE OWNER'S REPRESENTATIVE. A LETTER FROM THE OWNER, THE OWNER'S REPRESENTATIVE, OR A COPY OF THE AGREEMENT FOR SERVICES SHALL BE SENT TO THE BUILDING INSPECTOR BEFORE THE FIRST SITE VISIT.

(4) THE OWNER OR OWNER'S REPRESENTATIVE SHALL COORDINATE AND CALL FOR A MEETING BETWEEN THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN, STRUCTURAL OBSERVER, CONTRACTOR, AFFECTED SUBCONTRACTORS AND DEPUTY INSPECTORS. THE PURPOSE OF THE MEETING SHALL BE TO IDENTIFY THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT AFFECT THE VERTICAL AND LATERAL LOAD SYSTEMS OF THE STRUCTURE AND TO REVIEW SCHEDULING OF THE REQUIRED OBSERVATIONS. A RECORD OF THE MEETING SHALL BE INCLUDED IN THE FIRST OBSERVATION REPORT SUBMITTED TO THE BUILDING INSPECTOR.

(5) THE STRUCTURAL OBSERVER SHALL PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE WORK THAT ALLOW FOR CORRECTION OF DEFICIENCIES WITHOUT SUBSTANTIAL EFFORT OR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE LISTED SIGNIFICANT CONSTRUCTION STAGES ON EITHER THE "STRUCTURAL OBSERVATION/SIGNIFICANT CONSTRUCTION STAGES" FORM OR THE "STRUCTURAL OBSERVATION PROGRAM AND DESIGNATION OF THE STRUCTURAL OBSERVER" FORM I NI/FORM.08 (PART 2) REQUIRE A SITE VISIT AND AN OBSERVATION REPORT FROM THE STRUCTURAL OBSERVER.

(6) THE STRUCTURAL OBSERVER SHALL PREPARE A REPORT OF THE "STRUCTURAL OBSERVATION REPORT FORM" I NI/FORM.08 (PART 1) FOR EACH SIGNIFICANT STAGE OF CONSTRUCTION OBSERVED. THE ORIGINAL OF THE STRUCTURAL OBSERVATION REPORT SHALL BE SENT TO THE BUILDING INSPECTOR'S OFFICE AND SHALL BE SIGNED AND SEALED (WET STAMP) BY THE RESPONSIBLE STRUCTURAL OBSERVER. ONE COPY OF THE OBSERVATION REPORT SHALL BE ATTACHED TO THE APPROVED PLANS. THE COPY ATTACHED TO THE PLANS SHALL BE SIGNED AND SEALED (WET STAMP) BY THE RESPONSIBLE STRUCTURAL OBSERVER OR THEIR DESIGNEE. COPIES OF THE REPORT SHALL ALSO BE GIVEN TO THE OWNER, CONTRACTOR, AND DEPUTY INSPECTOR. ANY DEFICIENCY NOTED ON THE OBSERVATION REPORT WILL BECOME THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OR ARCHITECT OF RECORD TO VERIFY ITS COMPLETION BY THE STRUCTURAL OBSERVER.

(7) A FINAL OBSERVATION REPORT MUST BE SUBMITTED WHICH SHOWS THAT ALL OBSERVED DEFICIENCIES WERE RESOLVED AND STRUCTURAL SYSTEM GENERALLY CONFORMS WITH THE APPROVED PLANS AND SPECIFICATIONS. THE LOCAL PLANNING DEPT. MAY NOT ACCEPT THE STRUCTURAL WORK WITHOUT THE FINAL OBSERVATION REPORT AND THE CORRECTION OF SPECIFIC DEFICIENCIES NOTED DURING NORMAL BUILDING INSPECTION.

(8) THE STRUCTURAL OBSERVER SHALL PROVIDE THE ORIGINAL STAMPED AND SIGNED "STRUCTURAL OBSERVATION REPORT FORM" TO THE LOCAL PLANNING DEPARTMENT AND SAFETY BUILDING INSPECTOR.

(9) WHEN THERE IS A NEED TO REPLACE THE STRUCTURAL OBSERVER OF RECORD, THE OWNER SHALL:
A) NOTIFY THE BUILDING INSPECTOR IN WRITING BEFORE THE NEXT INSPECTION BY SUBMITTING COMPLETED "STRUCTURAL OBSERVATION PROGRAM AND DESIGNATION OF THE STRUCTURAL OBSERVER" FORM.
B) CALL AN ADDITIONAL PRE-CONSTRUCTION MEETING, AND
C) FURNISH THE REPLACEMENT STRUCTURAL OBSERVER WITH A COPY OF ALL PREVIOUS OBSERVATION REPORTS.
D) THE NEW STRUCTURAL OBSERVER MUST BE DESIGNATED BY THE ENGINEER OR ARCHITECT OF RECORD.
THE REPLACEMENT STRUCTURAL OBSERVER SHALL APPROVE THE CORRECTION OF THE ORIGINAL OBSERVED DEFICIENCIES UNLESS OTHERWISE APPROVED BY PLAN CHECK SUPERVISION. THE POLICY OF THE DEPARTMENT SHALL BE TO CORRECT ANY PROPERLY NOTED DEFICIENCIES WITHOUT CONSIDERATION OF THEIR SOURCE.

(10) THE ENGINEER OR ARCHITECT OF RECORD SHALL DEVELOP ALL CHANGES RELATING TO THE STRUCTURAL SYSTEMS. THE BUILDING DEPARTMENT SHALL REVIEW AND APPROVE ALL CHANGES TO THE APPROVED PLANS AND SPECIFICATIONS.

STRUCTURAL OBSERVATION IS REQUIRED PER IBC SECTION 1704.6.1 FOR SEISMIC RESISTANCE.
IN THE DIRECTION PERPENDICULAR TO THE BUILDING RIDGE THE LATERAL FORCE RESISTING SYSTEM IS THE 3 PIN ARCHES. IN THE DIRECTION PARALLEL TO THE RIDGE THE LATERAL FORCE RESISTING SYSTEM IS THE HORIZONTAL SPREADERS AND THE THREE BAYS OF 5X6 ARCH, 5X6 COLUMNS AND 5/8" DIAMETER STEEL CROSS BRACING.

SPECIAL INSPECTION

SEE FOUNDATION ENGINEER'S DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION REQUIREMENTS NOT STATED HERE.

THIS BUILDING INCORPORATES STRUCTURAL BOLTS AND POST-INSTALLED ANCHORS WHICH MAY REQUIRE SPECIAL INSPECTION UNDER THE BUILDING CODE. PER THE BUILDING CODE, SPECIAL INSPECTION IF REQUIRED, IS THE RESPONSIBILITY OF THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNERS AGENT.

STATEMENT OF SPECIAL INSPECTION

HIGH STRENGTH BOLTING TO A SNUG TIGHT CONDITION: PERIODIC

INSTALLATION OF ADHESIVE ANCHORS: PERIODIC SPECIAL INSPECTION IS REQUIRED AND SHALL CONFORM TO THE REQUIREMENTS OF ESR-3187, SECTION 4.4.

WELDED STEEL CONNECTIONS: SPECIAL INSPECTION IS NOT REQUIRED SINCE THESE COMPONENTS SHALL BE FABRICATED IN A CERTIFIED FABRICATION SHOP.

DRAWING INDEX

SHEET #	DRAWING #	DESCRIPTION
1	R24-TITLE.0	TITLE SHEET
2	R24-367.0	FLOOR PLAN & ELEVATIONS
3	R24-367.1	COLUMN BASE LAYOUT
4	R24-367.2	CONCRETE DETAILS
5	S-1	SECTION & BASE DETAILS
6	S-2	PURLIN & SPLICE DETAILS
7	S-3	CABLE BRACE DETAILS
8	S-4	CABLE BRACE DETAILS
9	S-5	FLAT END DETAILS
10	S-6	MEMBRANE, FLAT END, & CONN. DETAILS
11	S-7	CONNECTOR CORRIDOR DETAILS

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06/26/2025
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MEAD & HUNT INC.

55' - 0"x 51' - 0"
SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION

TITLE SHEET

DATE: 06/25/2025
DRAWN BY: --

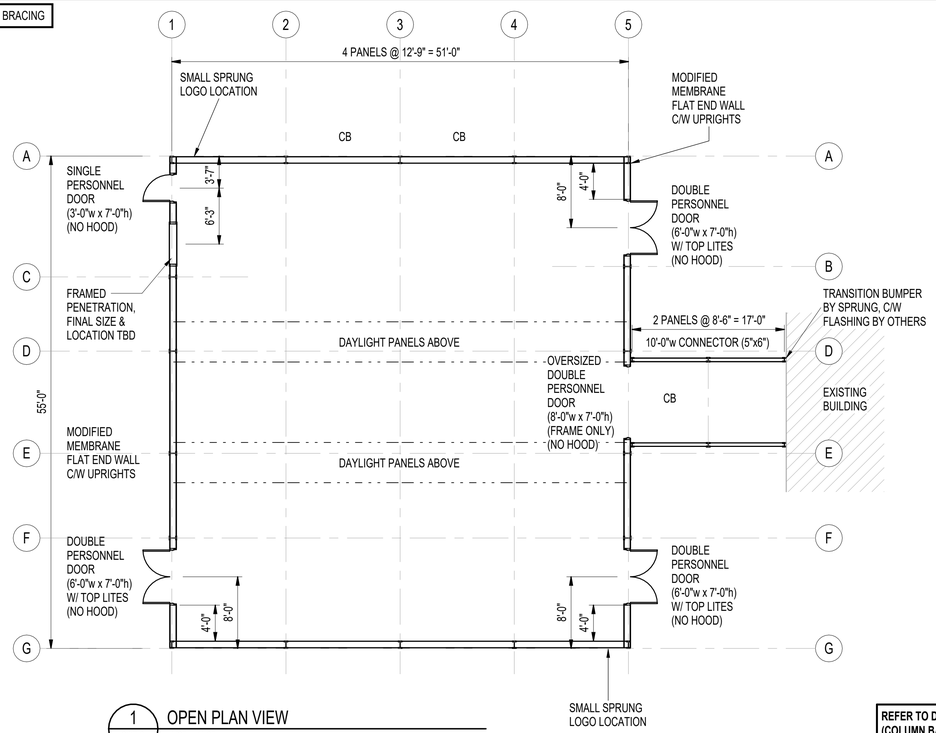
R24-TITLE.0

SPRUNG WO #28303

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6/26/2025 4:28:20 PM

CB = CABLE BRACING

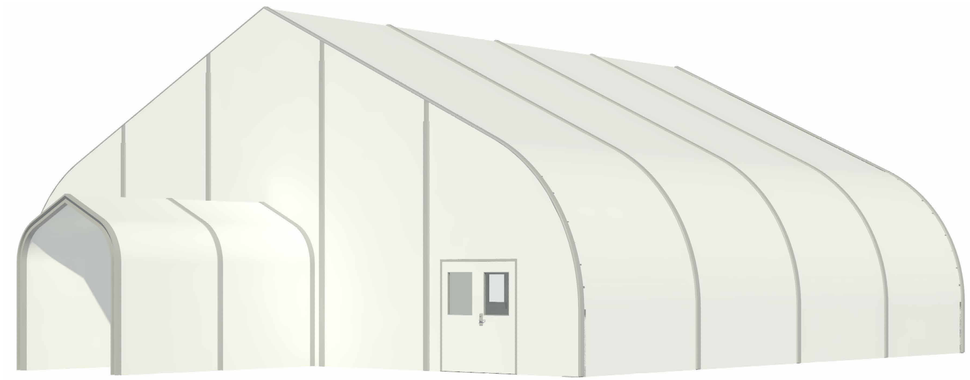


1 367.0 OPEN PLAN VIEW 1/8" = 1'-0"

ACCESSORIES				
CATEGORY	TYPE	SIZE	COMMENT	COUNT
LIGHTING	HOOD LIGHT		LED	2
LIGHTING	POLE MOUNT		LED	1

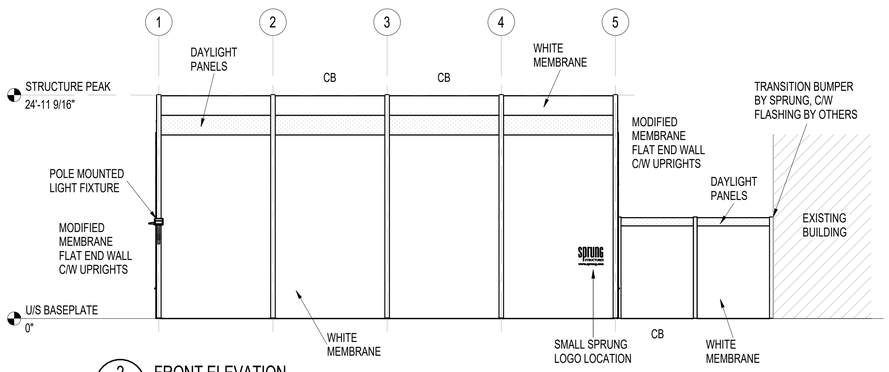
PERSONNEL DOORS							
CATEGORY	TYPE	HOOD WIDTH	BEAM	DOOR SIZE	COMMENT	SWING	COUNT
FLAT END	DPD			6'-0"w x 7'-0"h	TOP LITES	STANDARD	3
FLAT END	ODPD			8'-0"w x 7'-0"h	FRAME ONLY		1
FLAT END	SPD			3'-0"w x 7'-0"h		STANDARD	1

REFER TO DWG R24-367.1 (COLUMN BASE LAYOUT) FOR CONCRETE PAD DIMENSIONS



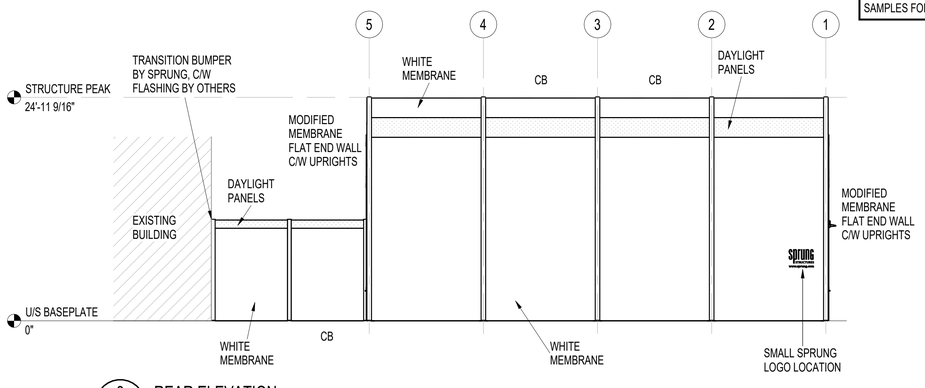
4 367.0 EXTERIOR VIEW RENDER

REFER TO GENERAL NOTES ON TITLESHEET FOR SPECIAL INSPECTION & ADDITIONAL MATERIAL NOTES.

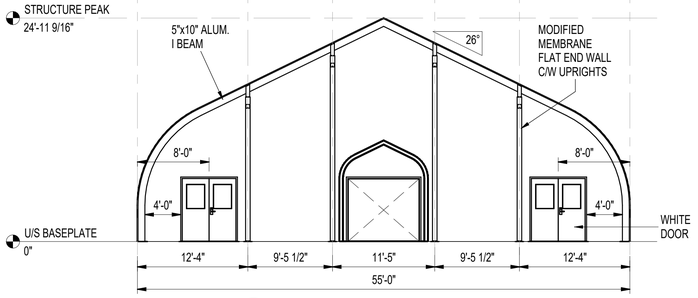


2 367.0 FRONT ELEVATION 1/8" = 1'-0"

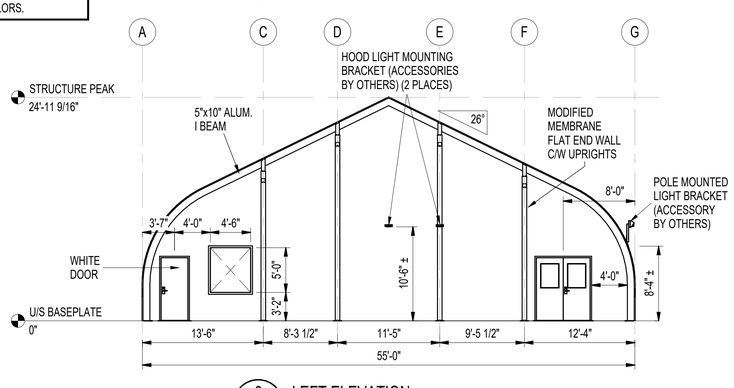
COLORS ON THESE ELEVATIONS MAY VARY SIGNIFICANTLY DEPENDING ON PRINTER OR MONITOR. PLEASE REFER TO MEMBRANE SAMPLES FOR ACTUAL COLORS.



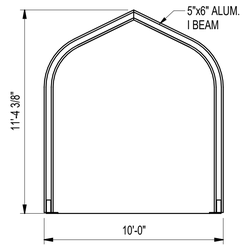
3 367.0 REAR ELEVATION 1/8" = 1'-0"



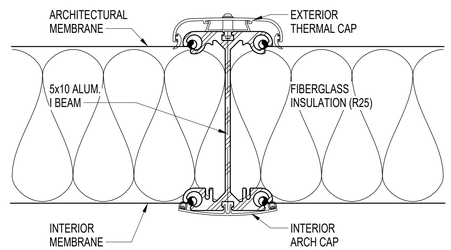
5 367.0 RIGHT ELEVATION 1/8" = 1'-0"



6 367.0 LEFT ELEVATION 1/8" = 1'-0"



7 367.0 SECTION 10'-0" CONNECTOR (5x6) 1/4" = 1'-0"



8 367.0 5x10 INSULATED BEAM SECTION 3" = 1'-0"

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GENERAL NOTES:

1. ALL PERSONNEL DOORS C/W PANIC HARDWARE & HOODS, AS NOTED.
2. STRUCTURE TO BE INSULATED WITH FIBERGLASS BATT INSULATION C/W INNER LINER, TO DAYLIGHT PANEL LEVEL ONLY.
3. INNER & OUTER MEMBRANE TO BE FINISHED TO CONCRETE USING ALUM. FLAT BAR.
4. STRUCTURE MEMBRANE MEETS: NFPA 701, CALIFORNIA STATE FIRE MARSHAL, ASTM E84, CAN/ULC-S-109 & CAN/ULC-S-102 SPECIFICATIONS.
5. THIS STRUCTURE IS DESIGNED TO SHED/RELEASE SNOW. THE PERIMETER OF THE STRUCTURE SHALL BE KEPT CLEAR.
6. WHEN DESIGNING A HEATING, VENTILATION OR AIR CONDITIONING SYSTEM FOR ANY TYPE OF BUILDING, IT IS IMPORTANT TO ENSURE THAT THIS SYSTEM INTAKES MORE AIR THAN IS BEING EXHAUSTED AT ANY GIVEN TIME. THIS PROCESS WILL RESULT IN A POSITIVE PRESSURE BEING MAINTAINED. CONVERSELY, IF NEGATIVE PRESSURE EXISTS WITHIN THE STRUCTURE, IT WILL BE DIFFICULT TO OPEN DOORS AND MOISTURE WILL BE DRAWN INTO THE STRUCTURE.
7. ALL INTERIOR WALLS & PARTITIONS (IF APPLICABLE) TO BE FREE STANDING & INDEPENDENT OF SPRUNG STRUCTURE.

REGISTERED PROFESSIONAL ENGINEER
CALIFORNIA M. FLORES
No. C-84991
Exp. 6/30/2025
06/26/2025
CIVIL
STATE OF CALIFORNIA

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SALT LAKE CITY, UTAH
PH. (801) 486.6848
info@canyonsstructural.com
www.canyonsstructural.com

DESIGN LOADS

LOCATION:	SAN LUIS OBISPO, CA
BUILDING CODE:	CBC 2022
WIND SPEED:	99 MPH 3 SEC GUST
RISK CATEGORY: III	EXPOSURE: C
GROUND SNOW LOAD:	0 PSF
(SEE SNOW SHED REPORT)	

MEAD & HUNT INC.
55' - 0"x 51' - 0"
SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION
2	04/26/24	DH	REVISE BAY SPACING
3	05/22/24	DH	ADD EXTERIOR LIGHTS
4			
5			
6			
7			
8			
9			

FLOOR PLAN & ELEVATIONS

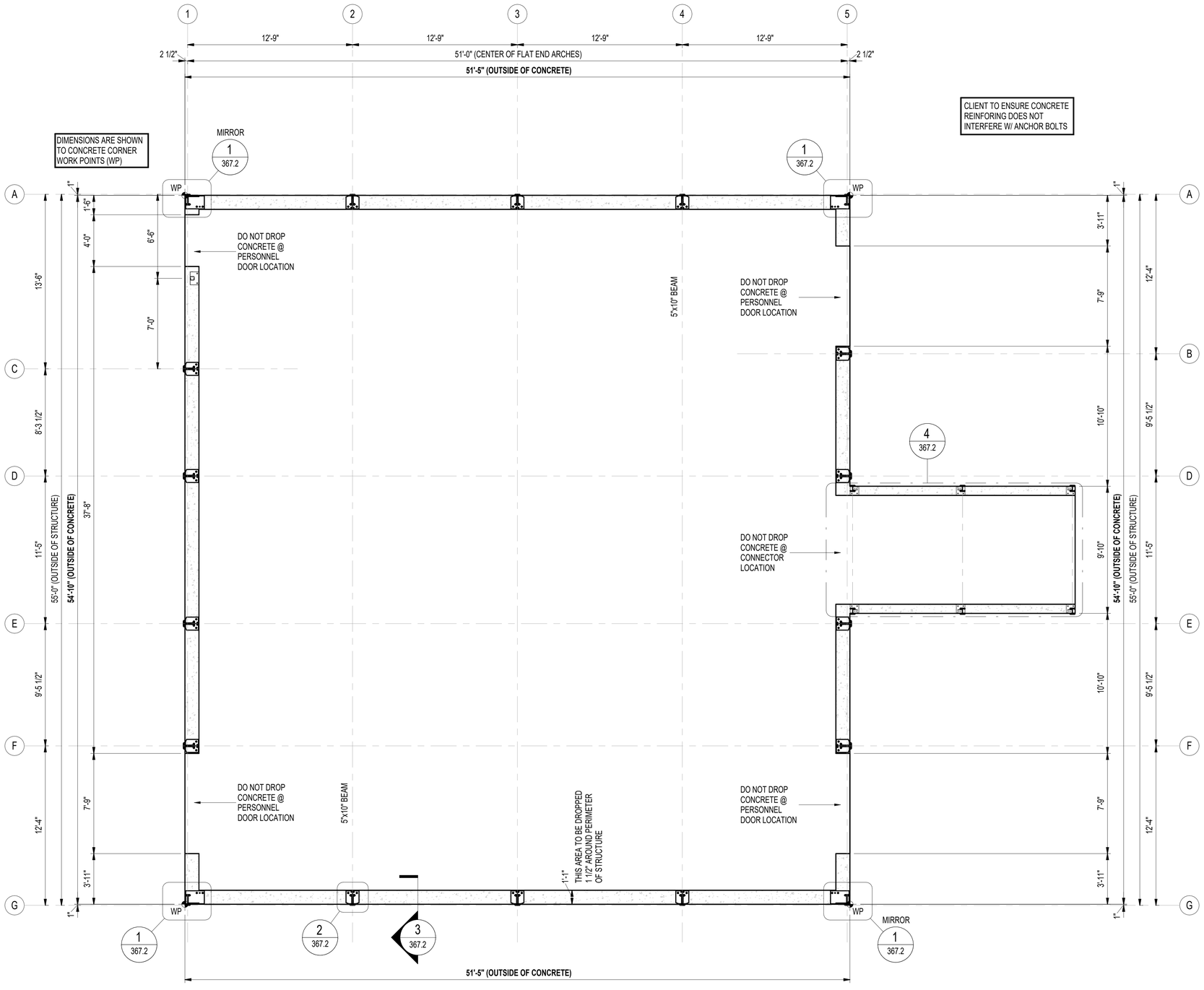
DATE: 03/20/2024 DRAWN BY: P. DUMONT

R24-367.0

SPRUNG WO #28303

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1:\2024 Drawings\Full Size\R24-300\R24-367-R3.rvt
6/26/2024 2:19:07 PM



1 367.1 COLUMN BASE LAYOUT
1/4" = 1'-0"

SIGNATURE SERIES

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(403) 601-2292 www.sprung.com

CONCRETE GENERAL NOTES:

1. MIN. 4000psi (27.5 MPa) CONCRETE.
2. OUTER MEMBRANE TO BE FINISHED TO CONCRETE USING ALUM. FLAT BAR
3. EXPOSED CONCRETE TO BE FINISHED ACCORDINGLY.
4. CLIENT TO ENSURE CONCRETE REINFORCING DOES NOT INTERFERE WITH ANCHOR BOLTS.
5. THIS DRAWING AND THE ASSOCIATED DETAILS ARE NOT A FOUNDATION DESIGN. THIS DRAWING IS PROVIDED AS A SERVICE TO THE OWNER AND THE OWNER'S FOUNDATION ENGINEER TO SHOW CONCRETE LIMITS AND DETAILS REQUIRED FOR THE ERECTION AND INSTALLATION OF THE SPRUNG STRUCTURE.
6. REFER TO DESIGN NOTES FOR ASSUMPTIONS USED IN THE DESIGN OF THE POST-INSTALLED ANCHORS.
7. ASSUMPTIONS USED IN THE DESIGN OF THE POST-INSTALLED ANCHORS DO NOT CONTROL OVER THE DESIGN BY THE FOUNDATION ENGINEER. IT IS CONTINGENT ON THE FOUNDATION ENGINEER TO DESIGN FOR DEVELOPMENT OF THE POST-INSTALLED ANCHORS TO CONFORM TO THE BUILDING CODE AND THE REQUIREMENTS OF THE SPRUNG STRUCTURE DESIGN.

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06/26/2025
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MEAD & HUNT INC.
55' - 0"x 51' - 0"
SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION
2	04/26/24	DH	REVISE BAY SPACING
3	05/22/24	DH	ADD EXTERIOR LIGHTS
4			
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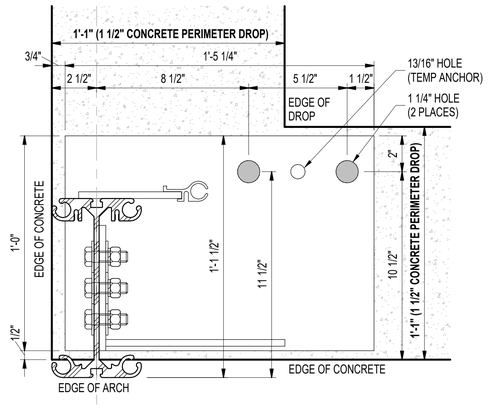
COLUMN BASE LAYOUT

DATE: 06/17/2025
DRAWN BY: P. DUMONT

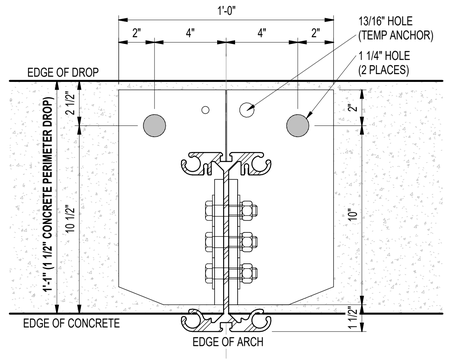
R24-367.1

SPRUNG WO #28303

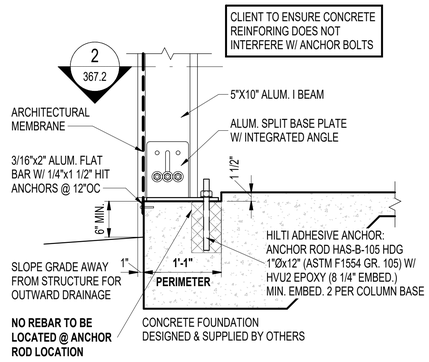
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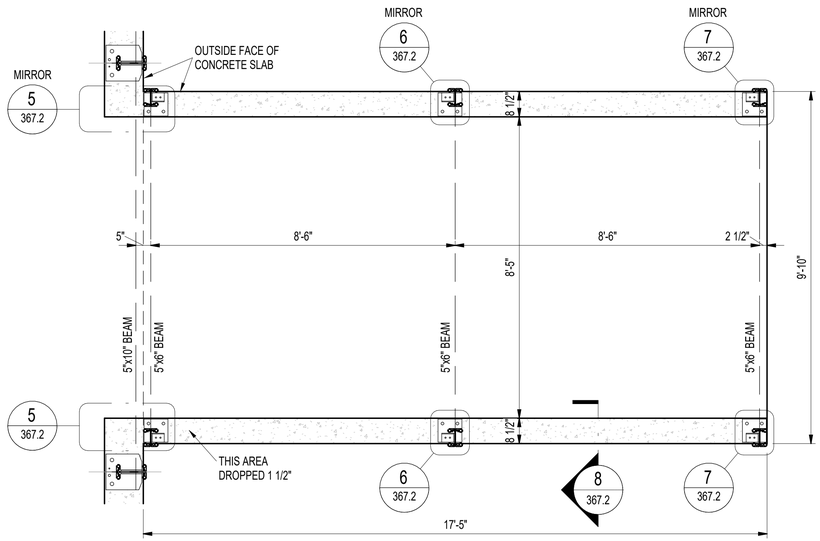
1 367.2 5"x10" CORNER BASE PLATE INS CONC - PLAN
3" = 1'-0"



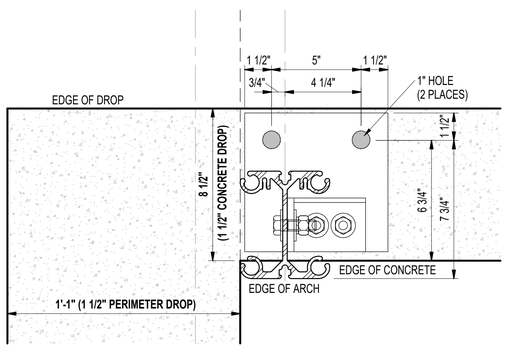
2 367.2 5"x10" BASE PLATE CONC - PLAN
3" = 1'-0" TYPICAL ARCH & UPRIGHT



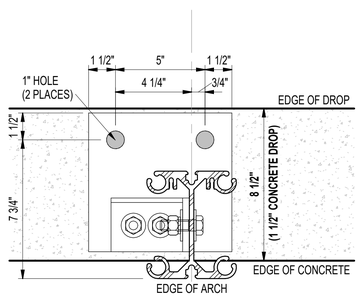
3 367.2 5"x10" BASE PLATE CONC - SECTION
1" = 1'-0" TYPICAL



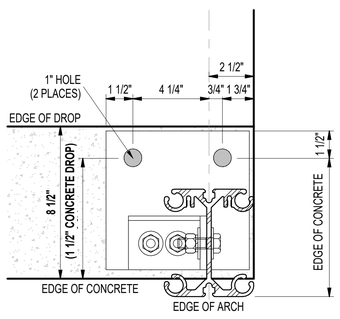
4 367.2 10'-0" VESTIBULE (5"x6") BUMPOUT - PLAN
1/2" = 1'-0"



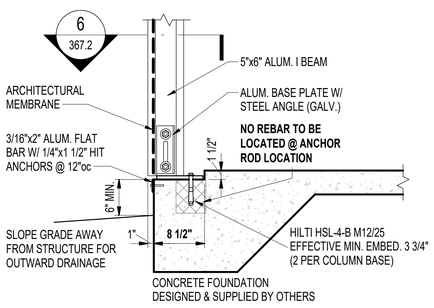
5 367.2 5"x6" BASE PLATE CONC - PLAN (FLAT END)
3" = 1'-0"



6 367.2 5"x6" BASE PLATE CONC - PLAN
3" = 1'-0"



7 367.2 5"x6" BASE PLATE CONC - PLAN (CORNER)
3" = 1'-0"



8 367.2 5"x6" BASE PLATE CONC - SECTION
1" = 1'-0"

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MEAD & HUNT INC.
55' - 0"x 51' - 0"

SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION
2	04/26/24	DH	REVISE BAY SPACING
3	05/22/24	DH	ADD EXTERIOR LIGHTS
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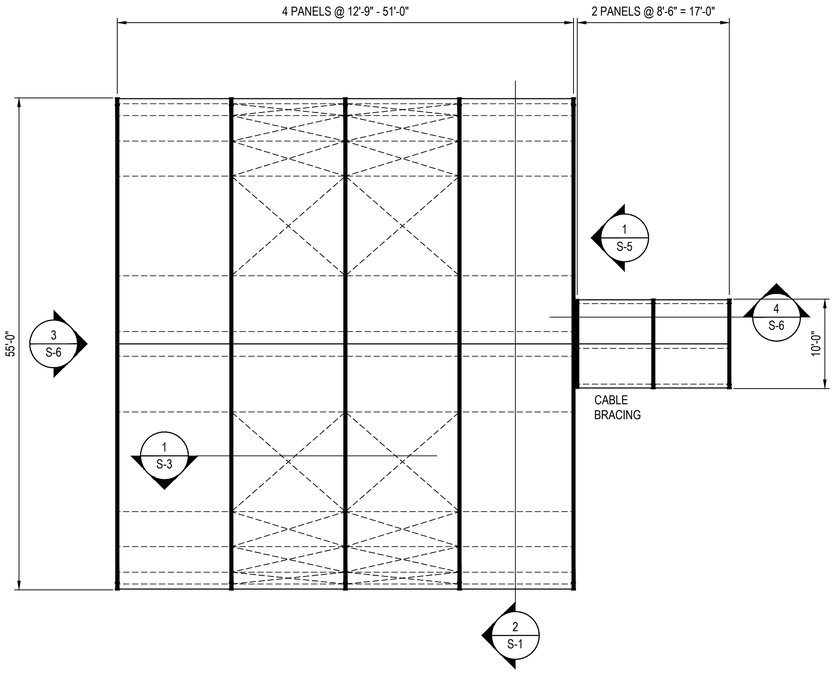
CONCRETE DETAILS

DATE: 03/20/2024
DRAWN BY: P. DUMONT

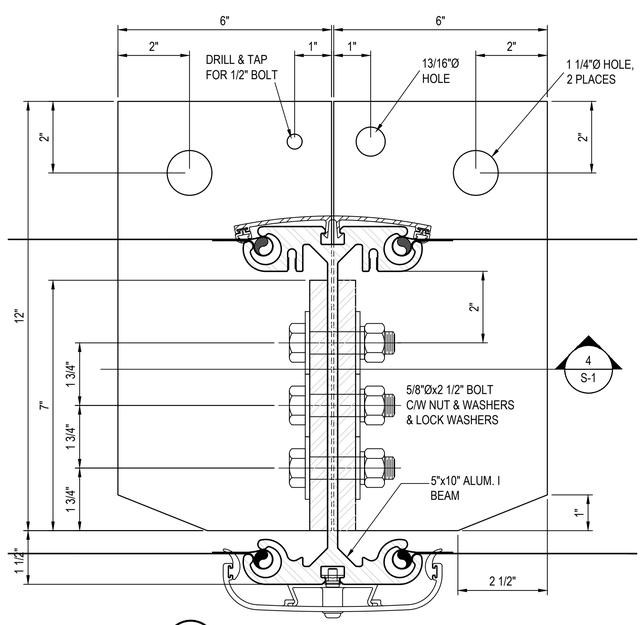
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SPRUNG WO #28303

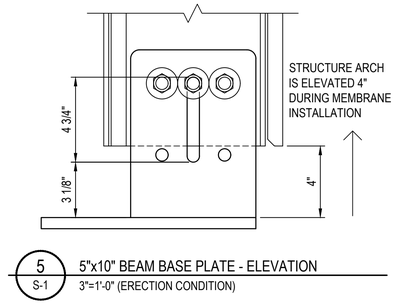
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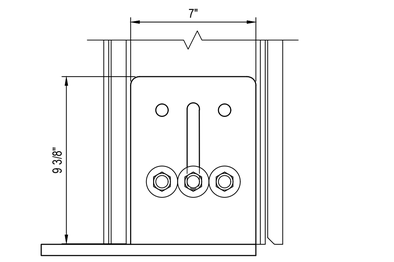
1 S-1 PLAN VIEW
1/8"=1'-0"



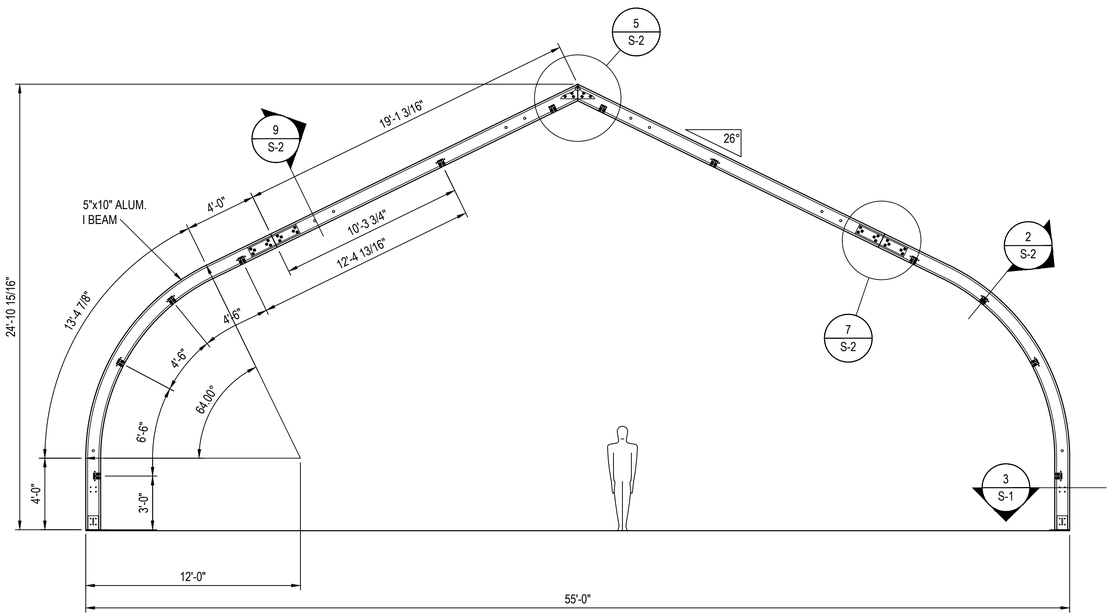
3 S-1 5"x10" BEAM BASE PLATE - PLAN
6"=1'-0"



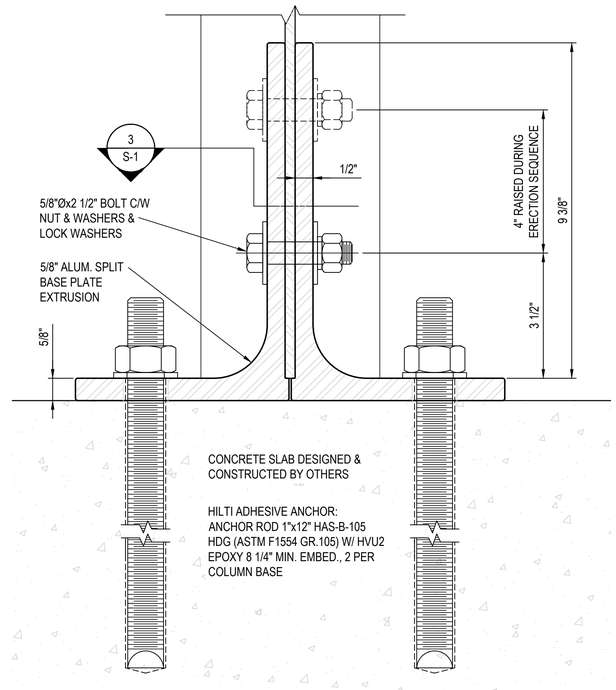
5 S-1 5"x10" BEAM BASE PLATE - ELEVATION
3"=1'-0" (ERECTION CONDITION)



6 S-1 5"x10" BEAM BASE PLATE - ELEVATION
3"=1'-0" (FINAL CONDITION)



2 S-1 SECTION 55'-0" INSULATED STRUCTURE
1/4"=1'-0"



4 S-1 5"x10" BEAM BASE PLATE - SECTION
6"=1'-0"

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BUILDING MATERIALS:

STRUCTURAL BOLTS:
ALL STRUCTURAL BOLTS SHALL BE SAE GRADE 8 ZINC-DICHROMATE PLATED, WITH Fu=113 ksi. BOLTS ARE ASTM A325 COMPLIANT. ALL STRUCTURAL BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION; I.E., ALL PLIES SHALL BE BROUGHT INTO FIRM CONTACT WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN WITH A SPUD WRENCH.

ANCHOR BOLTS:
ANCHOR BOLTS SHALL NOT BE CAST-IN-PLACE. THE DEVELOPMENT OF THE POST-INSTALLED ANCHORS INTO THE CONCRETE FOUNDATION IS THE RESPONSIBILITY OF THE OWNER OR THE OWNER'S REGISTERED FOUNDATION ENGINEER.

ALUMINUM: 6351-T6, DESIGN AND FABRICATION SHALL BE PER THE ALUMINUM DESIGN MANUAL.

STEEL: 300W CSA, G40.21, FY=44 KSI, ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE HOT DIP GALVANIZED. DESIGN AND FABRICATION OF STRUCTURAL STEEL SHALL BE IN CONFORMANCE WITH AISC 360-16 & ASTM A572 GRADE 42 COMPLIANT.

STEEL WIRE ROPE: 6X19= IWRC, 26,600 LBS MINIMUM BREAKING STRENGTH.

SPECIAL INSPECTION:
THIS BUILDING INCORPORATES STRUCTURAL BOLTS AND POST-INSTALLED ANCHORS WHICH MAY REQUIRE SPECIAL INSPECTION UNDER THE BUILDING CODE. PER THE BUILDING CODE, SPECIAL INSPECTION, IF REQUIRED, IS THE RESPONSIBILITY OF THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT.

CONCRETE: 4000psi OR GREATER

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MEAD & HUNT INC.

SAN LUIS OBISPO AIRPORT
55'-0" x 51'-0"
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION
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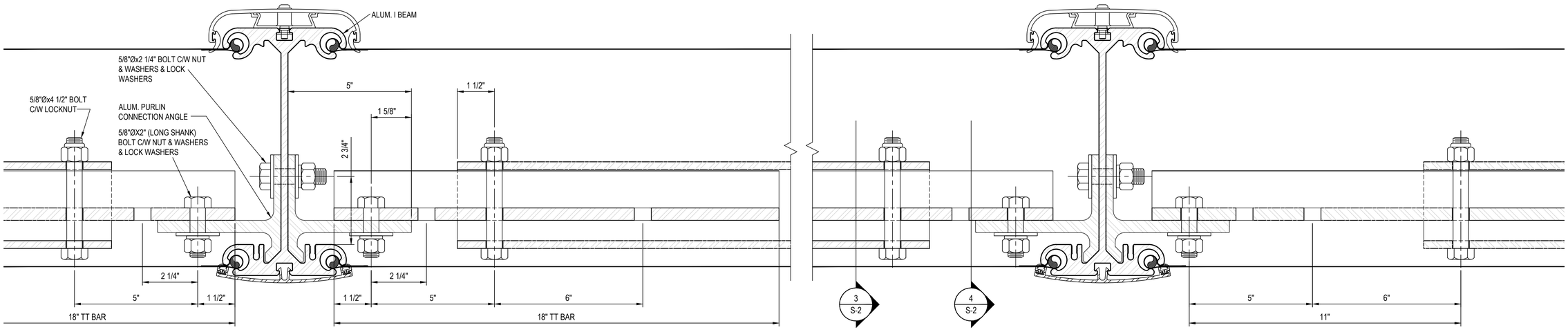
SECTION & BASE DETAILS

DATE: 06/25/2025
DRAWN BY: D. BENNETT

S-1

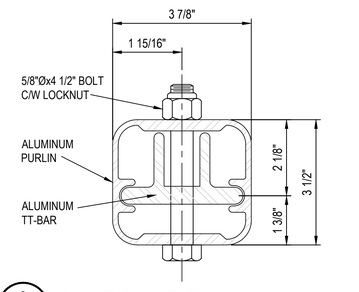
SPRUNG WO# 28303

PROJECTS\FROM ENGINEERS\SAN LUIS OBISPO COUNTY 2025\1 SLO COUNTY\SHEETS\S-1.DWG - 6/26/2025 4:47:21 PM

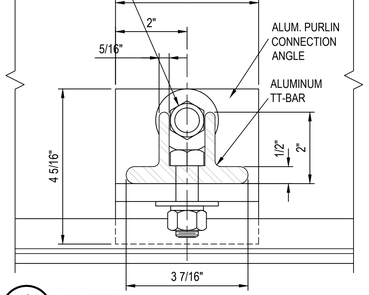


1 S-2 — 5"x10" PURLIN - ELEVATION
6"=1'-0" (ERECTION CONDITION)

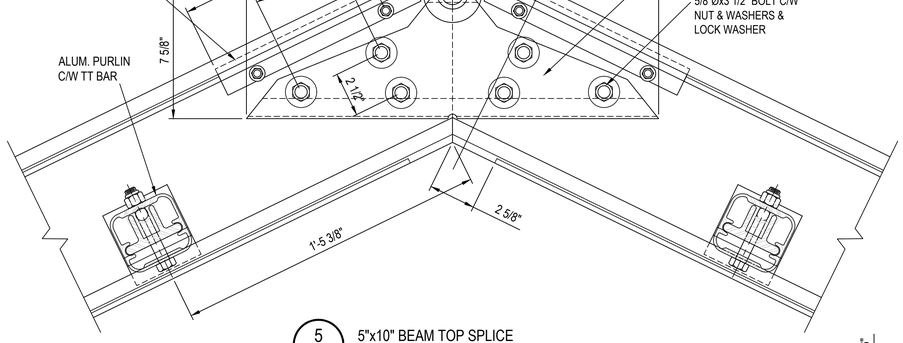
2 S-2 — 5"x10" PURLIN - ELEVATION
6"=1'-0" (FINAL CONDITION)



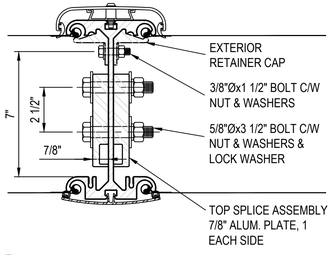
3 S-2 — 5"x10" PURLIN - SECTION
6"=1'-0"



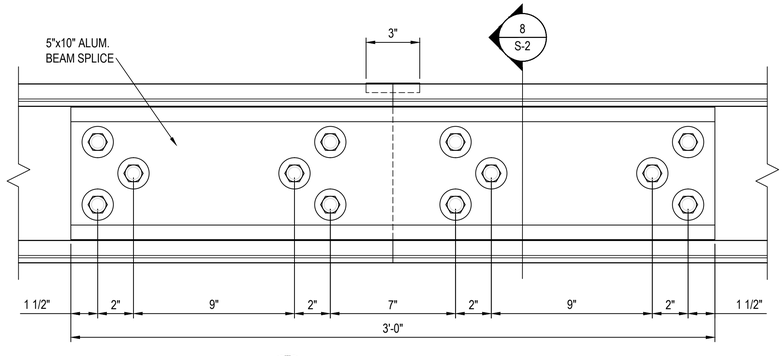
4 S-2 — 5"x10" TT-BAR - SECTION
6"=1'-0"



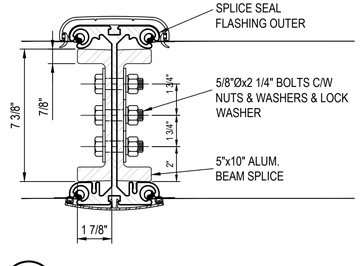
5 S-2 — 5"x10" BEAM TOP SPLICE
3"=1'-0"



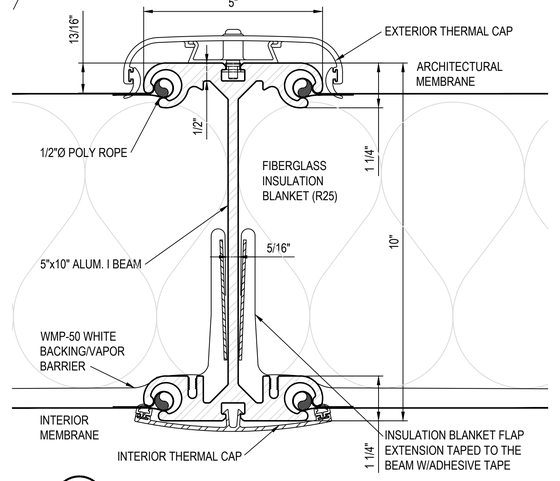
6 S-2 — 5"x10" TOP SPLICE - SECTION
3"=1'-0"



7 S-2 — 5"x10" BEAM SPLICE
3"=1'-0"



8 S-2 — 5"x10" BEAM SPLICE - SECTION
3"=1'-0"



9 S-2 — 5"x10" INSULATED BEAM SECTION
6"=1'-0"

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MEAD & HUNT INC.

55'-0" x 51'-0"
SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION
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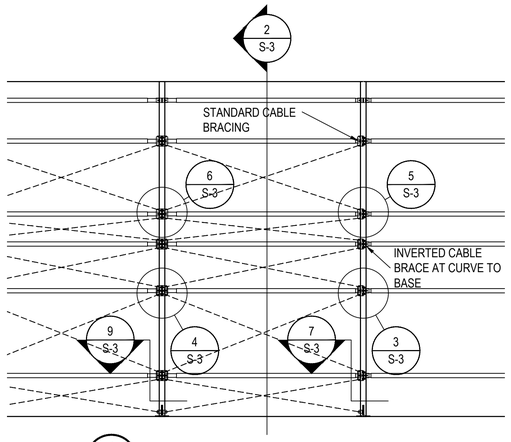
PURLIN & SPLICE DETAILS

DATE: 06/25/2025 | DRAWN BY: D. BENNETT

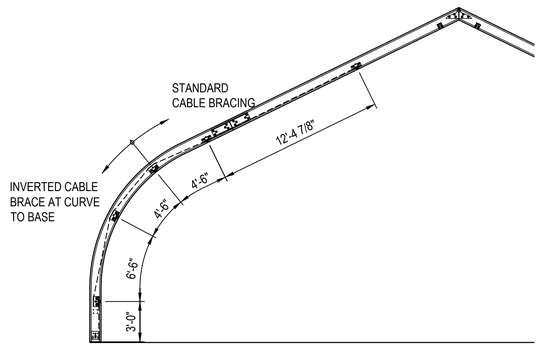
S-2

SPRUNG WO# 28303

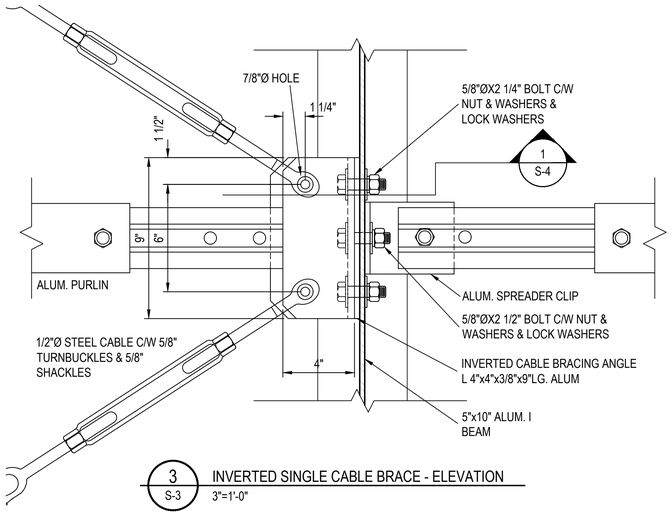
PROJECTS\SPRUNG PROJECTS\MEAD & HUNT - SAN LUIS OBISPO AIRPORT\SLO AIRPORT_2025.RVT 6/26/2025 4:51:21 PM



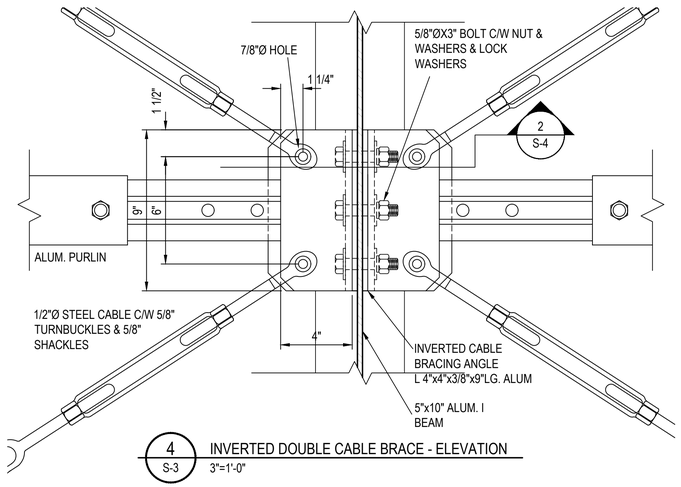
1 S-3 — 60'-0" PARTIAL CABLE BRACING - ELEVATION
3/16"=1'-0"



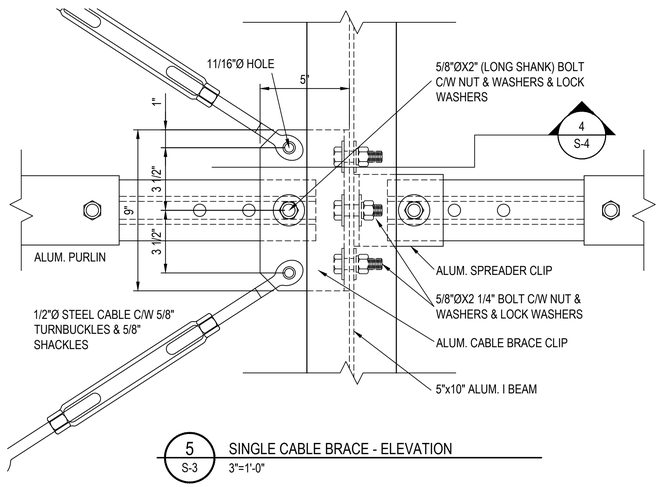
2 S-3 — 55'-0" PARTIAL CABLE BRACING - SECTION
3/16"=1'-0"



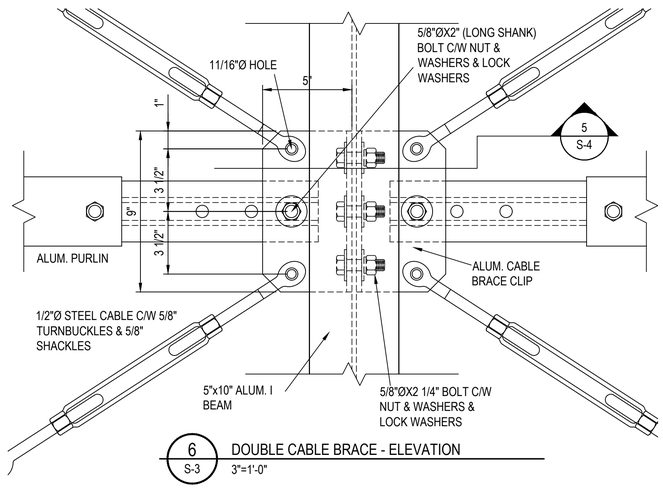
3 S-3 — INVERTED SINGLE CABLE BRACE - ELEVATION
3"=1'-0"



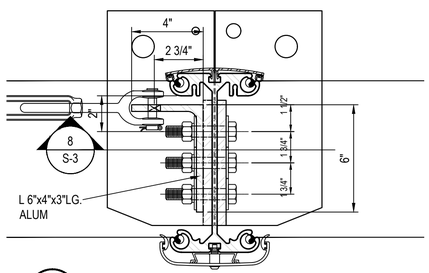
4 S-3 — INVERTED DOUBLE CABLE BRACE - ELEVATION
3"=1'-0"



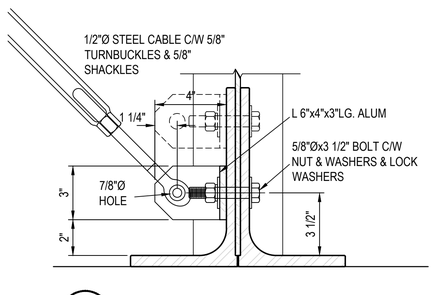
5 S-3 — SINGLE CABLE BRACE - ELEVATION
3"=1'-0"



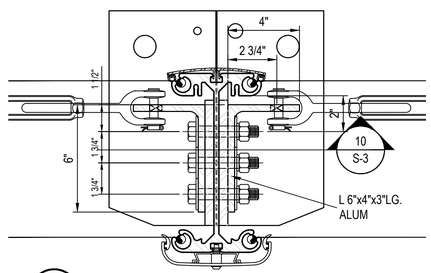
6 S-3 — DOUBLE CABLE BRACE - ELEVATION
3"=1'-0"



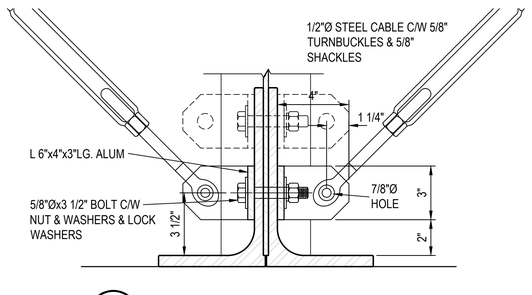
7 S-3 — 5"x10" CABLE PLATE - PLAN
3"=1'-0"



8 S-3 — 5"x10" CABLE PLATE - ELEVATION
3"=1'-0"



9 S-3 — 5"x10" DOUBLE CABLE PLATE - PLAN
3"=1'-0"



10 S-3 — 5"x10" DOUBLE CABLE PLATE - ELEVATION
3"=1'-0"

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www.canyonsstructural.com

MEAD & HUNT INC.

55'-0" x 51'-0"

SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

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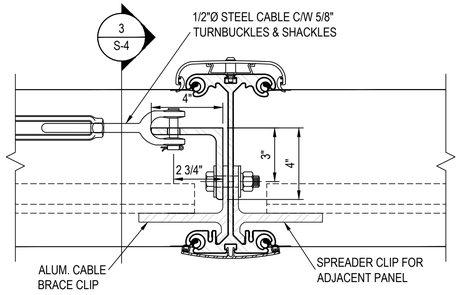
CABLE BRACE DETAILS

DATE: 06/25/2025
DRAWN BY: D. BENNETT

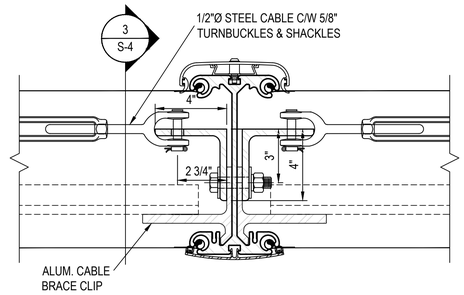
S-3

SPRUNG WO# 28303

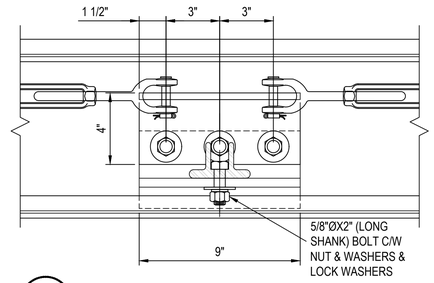
PROJECTS\SPRUNG\SAN LUIS OBISPO AIRPORT - OFFICE\CAD FILES\S-3 CABLE BRACE DETAILS.DWG - 6/25/2025 8:49:21 PM



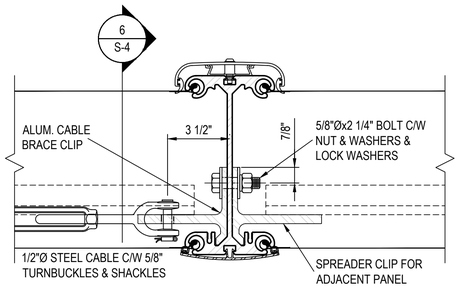
1 S-4 INVERTED CABLE BRACE SECTION
3"=1'-0"



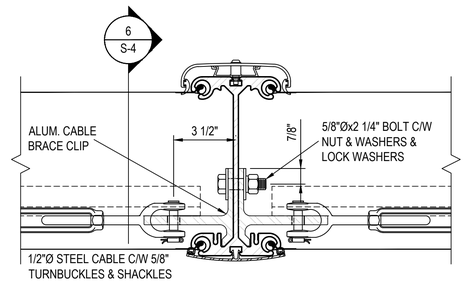
2 S-4 INVERTED DOUBLE CABLE BRACE SECTION
3"=1'-0"



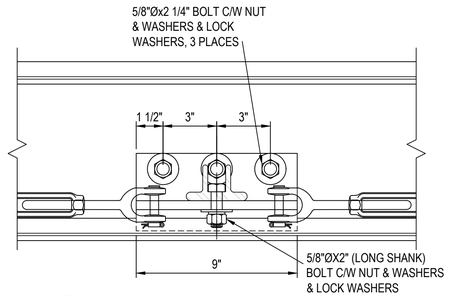
3 S-4 INVERTED CABLE BRACE BRACKET ELEVATION
3"=1'-0"



4 S-4 SINGLE CABLE BRACE SECTION
3"=1'-0"



5 S-4 DOUBLE CABLE BRACE SECTION
3"=1'-0"



6 S-4 CABLE BRACE BRACKET ELEVATION
3"=1'-0"

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MEAD & HUNT INC.

55'-0" x 51'-0"

SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

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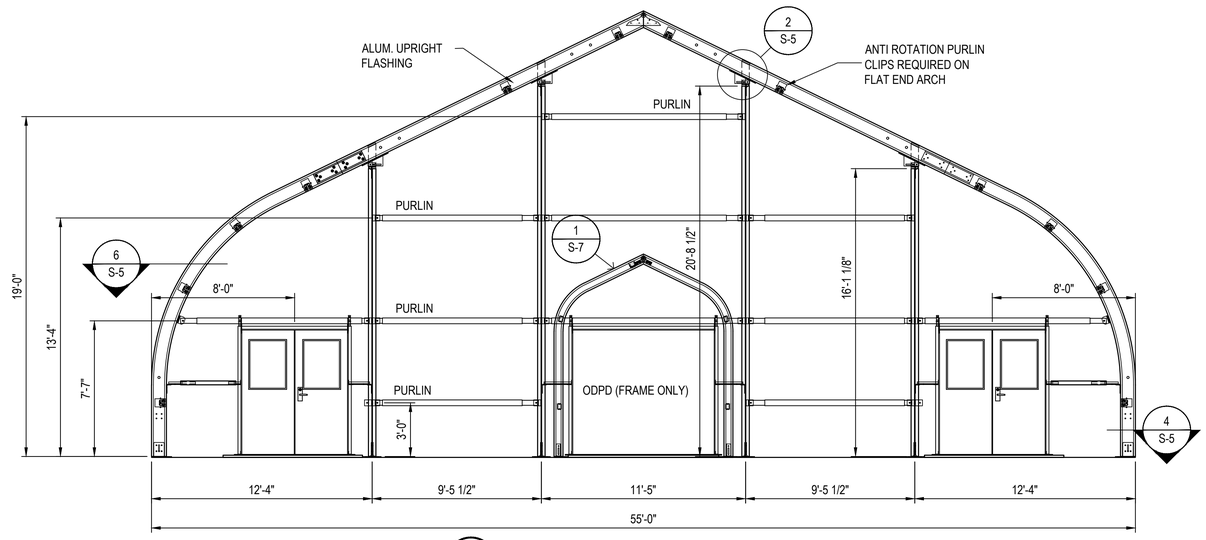
CABLE BRACE DETAILS

DATE: 06/25/2025
DRAWN BY: D. BENNETT

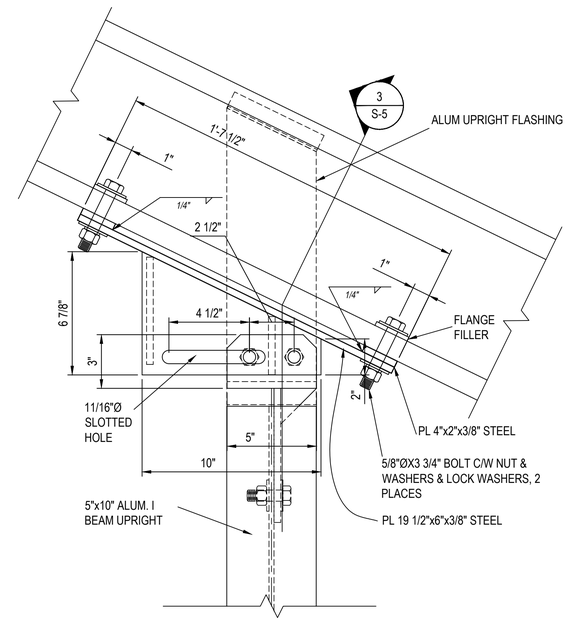
S-4

SPRUNG WO# 28303

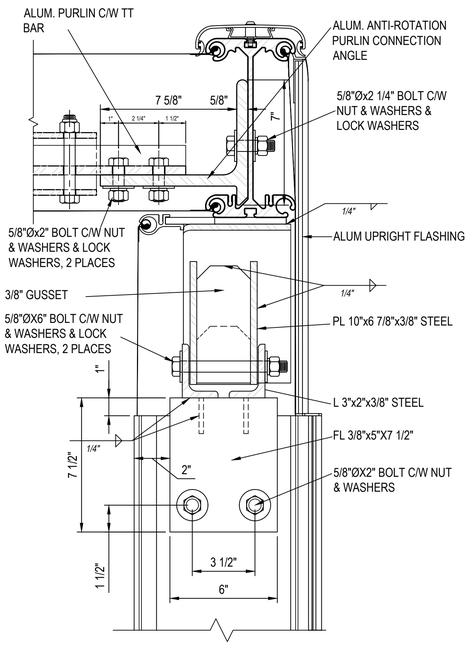
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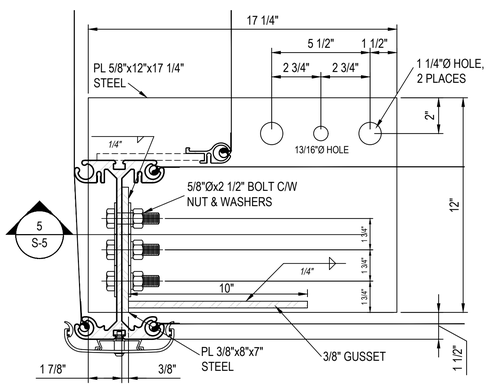
1 S-5 RIGHT FLAT END 55'-0" INSULATED STRUCTURE
1/4"=1'-0"



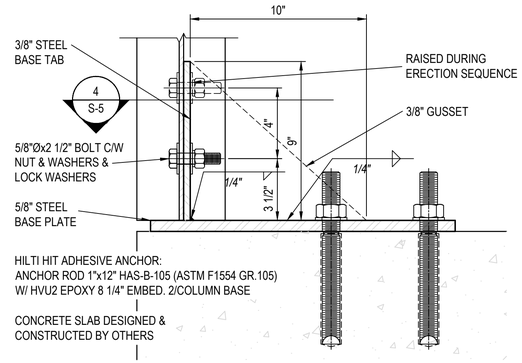
2 S-5 FLAT END UPRIGHT BRACKET - ELEV.
3"=1'-0"



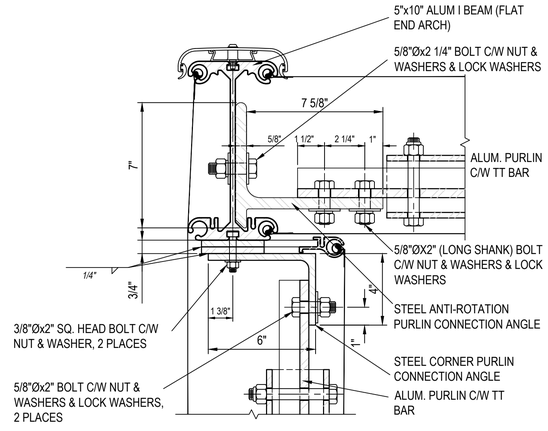
3 S-5 FLAT END UPRIGHT BRACKET - SECTION
3"=1'-0"



4 S-5 5"x10" INS. CORNER BASE PLATE - PLAN
3"=1'-0"



5 S-5 5"x10" CORNER BASE PLATE - SECTION
3"=1'-0"



6 S-5 5"x10" INS CORNER PURLIN CONNECTION
3"=1'-0"

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MEAD & HUNT INC.

55'-0" x 51'-0"

SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

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FLAT END DETAILS

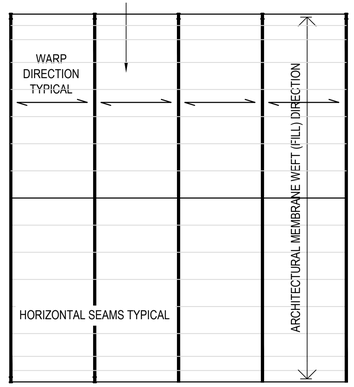
DATE: 06/25/2025
DRAWN BY: D. BENNETT

S-5

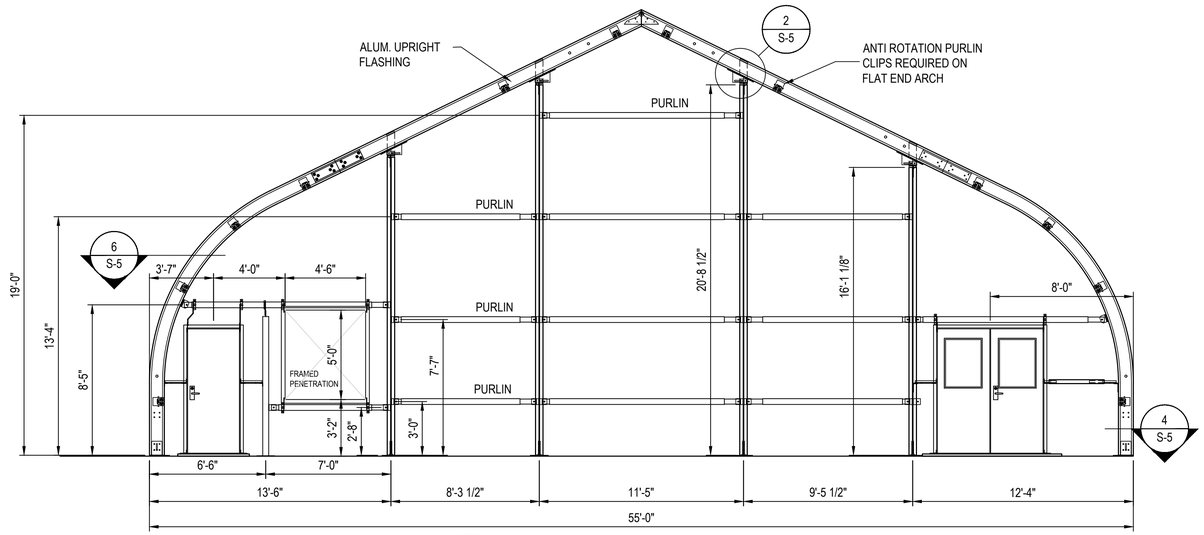
SPRUNG WO# 28303

SIGNATURE SERIES

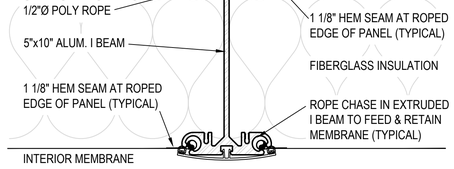
PRODUCED BY AUTODESK EDUCATIONAL PRODUCT



1 S-6 MEMBRANE LAYOUT
3/32"=1'-0"



3 S-6 LEFT FLAT END 55'-0" INSULATED STRUCTURE
1/4"=1'-0"



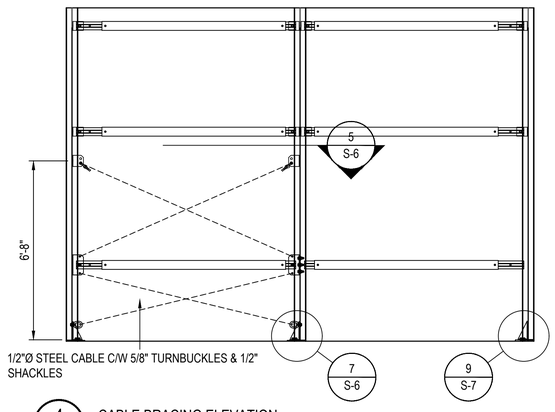
2 S-6 5"x10" BEAM SECTION - MEMBRANE
3"=1'-0"

NOTES:

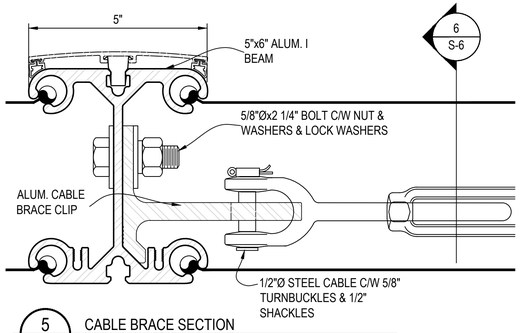
OUTER MEMBRANE & DAYLIGHT PANELS:
HERCULITE EXCEL 18 C/W POLYURETHANE TOP COAT
1.MEMBRANE STRENGTH:
WARP = 325 pli
FILL (WEFT) = 245 pli
2. PRESTRESS (COMPENSATION)
WARP = 1.1%
FILL (WEFT) = 0.5%
3. MEMBRANE - PVC COATED POLYESTER SCRIM

INNER MEMBRANE/LINER:
HERCULITE EXCEL 14 C/W POLYURETHANE TOP COAT
1. MEMBRANE STRENGTH:
WARP = 170 pli
FILL (WEFT) = 140 pli
2. PRESTRESS (COMPENSATION)
WARP = 1.0%
FILL (WEFT) = 0.5%
3. MEMBRANE - PVC COATED POLYESTER SCRIM

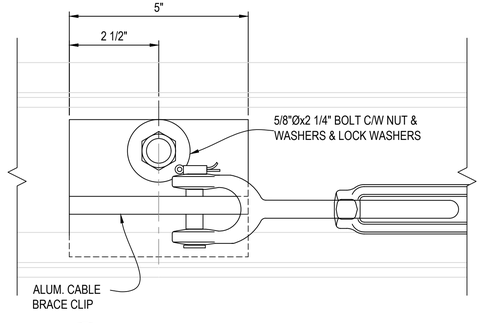
WARP DIRECTION IS THE SPAN DIRECTION FOR THE FABRIC FOR THIS STRUCTURE.
ALL HORIZONTAL SEAMS = 1 INCH



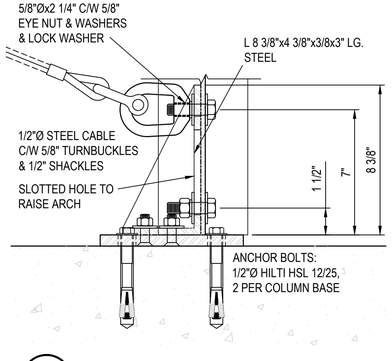
4 S-6 CABLE BRACING ELEVATION
3/8"=1'-0"



5 S-6 CABLE BRACE SECTION
6"=1'-0"



6 S-6 CABLE BRACE BRACKET ELEVATION
6"=1'-0"



7 S-6 5"x6" BEAM BASE PLATE - SECTION
3"=1'-0"

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ARCHITECTURAL MEMBRANE

OUTER MEMBRANE & DAYLIGHT PANELS:
HERCULITE EXCEL 18 ARCHITECTURAL MEMBRANE W/POLYURETHANE TOP COAT
MEETS FIRE PROPAGATION CRITERIA OF:
- CALIFORNIA STATE FIRE MARSHALL
- NFPA 701
- ASTM-E-84
- CAN/ULC-S-109
- CAN/ULC-S-102

INNER MEMBRANE/LINER:
HERCULITE EXCEL 14 MEMBRANE W/POLYURETHANE TOP COAT.
MEETS FIRE PROPAGATION CRITERIA OF:
- CALIFORNIA STATE FIRE MARSHALL
- NFPA 701
- ASTM-E-84
- CAN/ULC-S-109
- CAN/ULC-S-102

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MEAD & HUNT INC.

55'-0" x 51'-0"

SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

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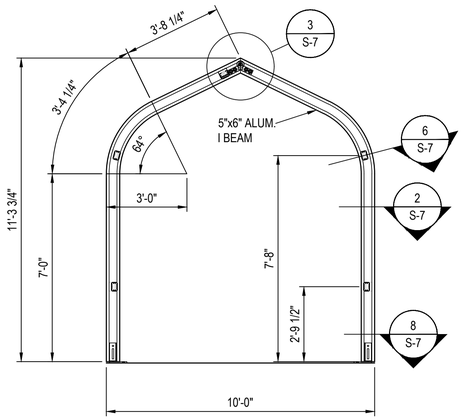
MEMBRANE, FLAT END, & CONN. DETAILS

DATE:	DRAWN BY:
06/25/2025	D. BENNETT

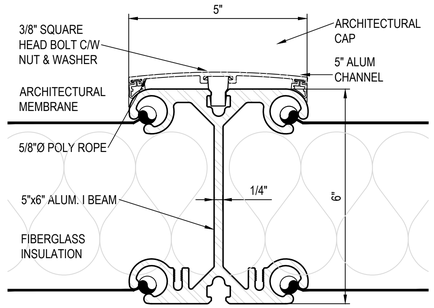
S-6

SPRUNG WO# 28303

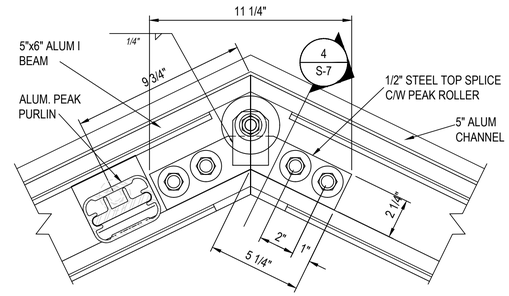
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6/26/2025 4:57:21 PM



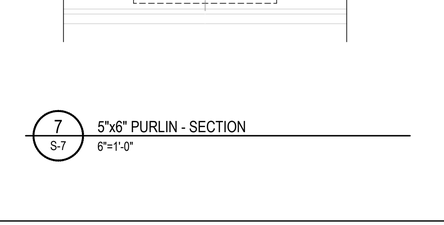
1 S-7 SECTION 10'-0" CONNECTOR
3/8"=1'-0"



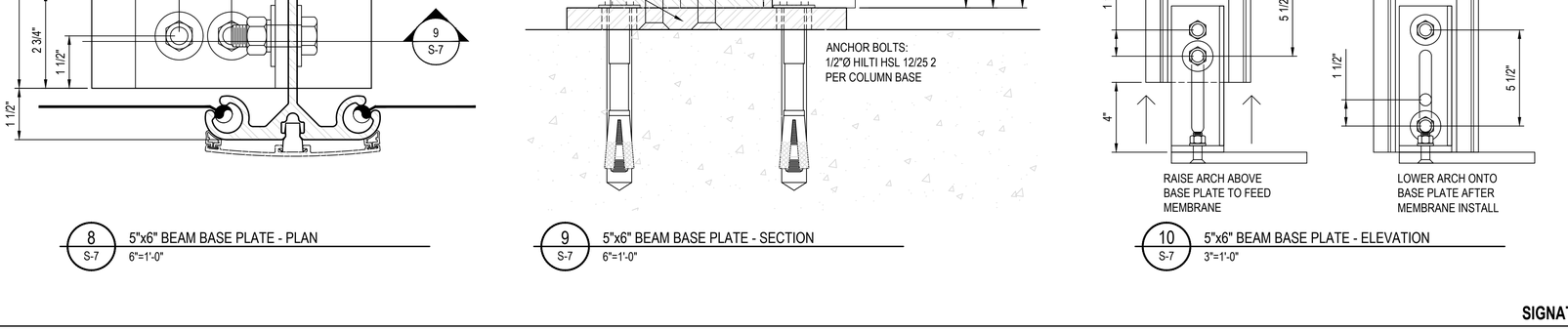
2 S-7 5"x6" INSUL. BEAM SECTION
6"=1'-0"



3 S-7 5"x6" TOP SPLICE
3"=1'-0"

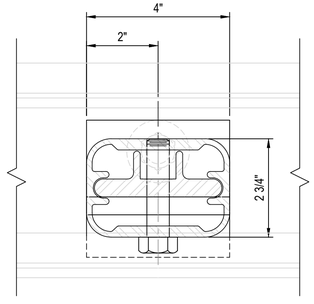


4 S-7 5"x6" TOP SPLICE - SECTION
6"=1'-0"

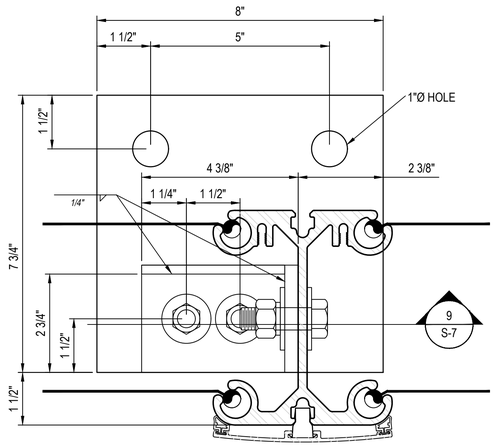


5 S-7 5"x6" PURLIN - ELEVATION
6"=1'-0" (FINAL CONDITION)

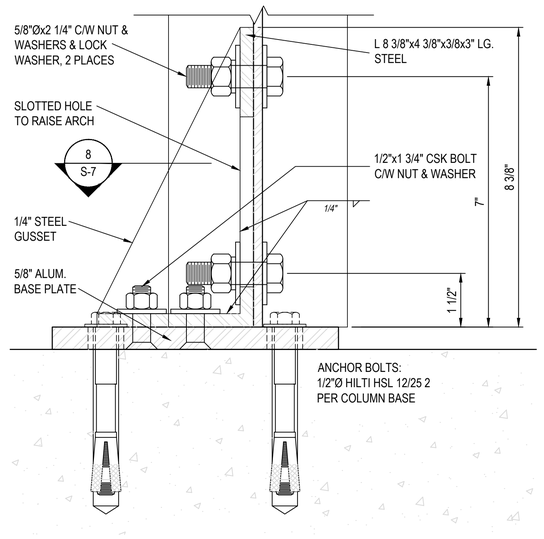
6 S-7 5"x6" PURLIN - ELEVATION
6"=1'-0"



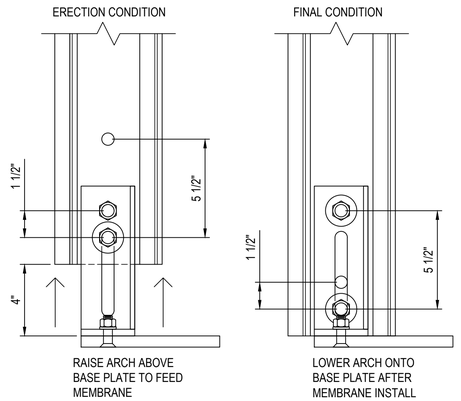
7 S-7 5"x6" PURLIN - SECTION
6"=1'-0"



8 S-7 5"x6" BEAM BASE PLATE - PLAN
6"=1'-0"



9 S-7 5"x6" BEAM BASE PLATE - SECTION
6"=1'-0"



10 S-7 5"x6" BEAM BASE PLATE - ELEVATION
3"=1'-0"

SIGNATURE SERIES

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info@canyonsstructural.com
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MEAD & HUNT INC.

55'-0" x 51'-0"
SAN LUIS OBISPO AIRPORT
SAN LUIS OBISPO, CALIFORNIA, UNITED STATES

REV.	MM/DD/YY	BY	DESCRIPTION
2			
3			
4			
5			
6			
7			
8			
9			

CONNECTOR CORRIDOR DETAILS

DATE:	DRAWN BY:
06/25/2025	D. BENNETT

S-7

SPRUNG WO# 28303

PROJECT: [illegible] DRAWING: [illegible] DRAWING COUNTY: [illegible] DWG: [illegible] CONNECTOR DETAILS & SHT: [illegible] 6/26/2025 4:01:21 PM

ABBREVIATIONS

∠	ANGLE
@	AT
AB	ANCHOR BOLT
AC	ACOUSTIC
ACC	ACCESS
ACT	ACOUSTIC CEILING TILE
ACP	ACOUSTIC CEILING PANEL
AD	AREA DRAIN
ADD	ADDITIONAL
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
BB	BOND BEAM
BD	BOARD
BF	BOTH FACES
BFC	BELOW FINISH CEILING
BG	BUMPER GUARD
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BLKT	BLANKET
BM	BEAM/BENCH MARK
BLK	BLOCK
BOT	BOTTOM
BRG	BEARING
BRKR	BREAKER
BRK	BRICK
BRKT	BRACKET
BS	BACK SPLASH
BSMT	BASEMENT
BTWN	BETWEEN
	CHANNEL
CAB	CABINET
CER	CERAMIC
CFCI	CONTRACTOR FURNISHED, CONTRATOR INSTALLED
CG	CORNER GUARD
CH	COAT HOOK
CIP	CAST IN PLACE
CJ JOINT	CONTROL JOINT/CONSTRUCTION
CLG	CEILING
CLO	CLOSET/CLOSURE
CLR	CLEAR
COL	COLUMN
COMB	COMBINATION
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION/CONNECT
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET
CR	COAT RACK/CURTAIN ROD
CSG	CASING
CT	CERAMIC TILE
CTR	CENTER/COUNTER
CTSK	COUNTERSUNK
CUH	CABINET UNIT HEATER
CW	COLD WATER
D	DEPTH
DBL	DOUBLE
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIR	DIRECTION
DIV	DIVISION
DM	DEMOUNTABLE PARTITION
DN	DOWN
DO	DITTO
DR	DOOR
DRWR	DRAWER
DS	DOWNSPOUT
DWG	DRAWING
DWL	DOWEL
DWS	DEFORMED WELDED STUD
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EACH FACE
EH HOOD	ELECTRICAL HEATER/EXHAUST
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR/ELEVATION
EMBED	EMBEDDED
EMER	EMERGENCY
ENT	ENTRANCE
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EMERGENCY SHOWER
ESR	ELASTOMERIC SHEET ROOFING
ETR	EXISTING TO REMAIN
EVC	ELASTIC VINYL COATING
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATE
EXP	EXPANSION
EXPD	EXPOSED
EXPF	EXPLOSION PROOF
EXT	EXTERIOR
FA	FIELD ADJUSTABLE
FV	FIELD VERIFY
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FIN	FINISH
FIX	FIXTURE
FLEX	FLEXIBLE
FLR	FLOOR
FLRG	FLOORING
FP	FIREPROOF/FIRE PROTECTION
FR	FIRE RETARDANT
FS	FULL SIZE/FULL SCALE
FT	FEET
FTG	FOOTING
FURG	FURRING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERAL
GFCI	GOVERNMENT FURNISHED, CONTRACTOR INSTALLED
GFGI	GOVERNMENT FURNISHED, GOVERNMENT INSTALLED
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GMU	GLAZED MASONRY UNIT
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HEIGHT
HDBD	HARDBOARD
HDCP	HANDICAPPED
HDWD	HARDWOOD
HDWE	HARDWARE
HK	HOOK
HM	HOLLOW METAL
HP	HIGH POINT
HR	HANDRAIL
HT	HEIGHT
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HWS	HEAD WELDED STUDS
ID	INSIDE DIAMETER
IMP	INSULATED METAL PANEL
IN	INCHES
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
IPW	INSULATED PLENUM WALL
IRF	INSULATED ROOF FILL
JAN	JANITOR
JS	JANITOR SINK
JST	JOIST
JT	JOINT
KD	KNOCKED DOWN
KO	KNOCK-OUT / KNEE OPENING
L	LENGTH
LAB	LABORATORY
LAM	LAMINATED
LB	POUND
LBS	POUNDS
LD	LINEAR DIFFUSER
LDG	LANDING
LF	LINEAR FOOT
LG	LONG
LGT	LIGHT
LKR	LOCKER
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LP	LOW POINT
LSH	LONG SLOTTED HOLE
LTG	LIGHTING
LVR	LOUVER
LWC	LIGHTWEIGHT CONCRETE
MACH	MACHINE
MAN	MANUAL
MAR	MARBLE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MBW	MASONRY BEARING WALL
MC	MECHANICAL CONTRACTOR
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MK	MARK
ML	METAL LATH
MLDG	MOLDING
MO	MASONRY OPENING
MP	METAL PARTITION
MS	MACHINE SCREW
MTD	MOUNTED
MTG	MOUNTING
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NONSHRINK
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER/OVERFLOW DRAIN
OFF	OFFICE
OPNG	OPENING
OPP	OPPOSITE
OZ	OUNCE
PART	PARTITION
PC	PIECE
PCC	PRECAST CONCRETE
PCPL	PORTLAND CEMENT PLASTER
PDWR	PAPER TOWEL DISPENSER & WASTE RECEPTACLE
PH	PHILLIPS HEAD/PHASE
PL	PLASTIC LAMINATE/PLATE/PROPERTY LINE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PM	PROTECTED METAL
PNL	PANEL
PNLG	PANELING
POL	POLISHED
PR	PAIR
PRE FAB	PREFABRICATED
PRE FIN	PRE-FINISHED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT/PAINT
PTM	PAINT TO MATCH
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
RAD	RADIUS
RAH	ROOFTOP AIR HANDLING UNIT
RB	RUBBER BASE
RC	REINFORCED CONCRETE
RCP	RADIANT CEILING PANEL / REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
REF	REFERENCE
REINF	REINFORCING
REL	RELOCATE
REM	REMAINDER
REQD	REQUIRED
RES	RESILIENT
RET	RETURN
RI	ROUGH IN
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
RUB	RUBBER
SAT	STANDARD AGGREGATE TOPPING
SB	SOIL BEARING
SC	SEAMLESS COATING
SCF	SPECIAL CONCRETE FINISH
SCHD	SCHEDULE
SD	SOAP DISPENSER
SE	SHELF EDGE
SECT	SECTION
SF	SAND FLOAT
SG	SUPPLY AIR GRILLE
SGL	SINGLE
SH	SHELF
SHD	SHOWER DOOR
SHT	SHEET
SIM	SIMILAR
SJ	STEEL JOIST
SLV	SHORT LEG VERTICAL
SM	SMOOTH
SND	SANITARY NAPKIN DISPENSER
SNV	SANITARY NAPKIN VENDER
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SR	SHOWER ROD
SS	STAINLESS STEEL
ST	STREET
STD	STANDARD
STL	STEEL
STO	STORAGE
STRU	STRUCTURAL/STRUCTURE
SUSP	SUSPENDED
SV	SHEET VINYL
SYM	SYMMETRICAL
T & B	TOP AND BOTTOM
TB	TACKBOARD/TOWEL BAR
TBR	TO BE REMOVED
TCP	THIN COAT PLASTER
TD	TOWEL DISPENSER
TDW	TOWEL DISPENSER AND WASTE
TEMP	TEMPERATURE/TEMPERED
TER	TERRAZZO
TEX	TEXTURE
TFC	TROWELED FLOOR COVERING
T & G	TONGUE AND GROOVE
THK	THICK
TOB	TOP OF BEAM
TOC	TOP OF CURB/TOP OF CONCRETE
TOD	TOP OF DECK/TOP OF DUCT ELEVATION
TOF	TOP OF FOOTING
TOJ	TOP OF JOIST
TOP	TOP OF PIPE ELEVATION
TOS	TOP OF SLAB/TOP OF STEEL
TOW	TOP OF WALL
TPG	TOPPING
TPH	TOILET PAPER HOLDER
TRAN	TRANSOM
TRANS	TRANSVERSE
TS	TUBE STEEL
TWS	THREADED WELDED STUD
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
V	VINYL
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VOL	VOLUME
VWC	VINYL WALL COVERING
W	WIDE FLANGE STEEL BEAM
W/	WITH
WAF	WELDED ANGLE FRAME
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WF	WIDE FLANGE
WG	WIRE GLASS
W/O	WITHOUT
WP	WEATHERPROOF
WPFG	WATERPROOFING
WR	WASTE RECEPTACLE
WSCT	WAINSCOT
WSTP	WEATHERSTRIP
WTR	WATER
WWF	WELDED WIRE FABRIC
X	EXISTING

ABBREVIATIONS ABOVE ARE FOR ARCHITECTURAL SHEETS ONLY

HATCH SYMBOLS

EARTHWORK	PLYWOOD
GRAVEL	FINISH LUMBER
PLASTER, SAND, GROUT	WOOD STUDS, BLOCKING
CONCRETE	STEEL STUDS
CONCRETE MASONRY	GYPSUM WALLBOARD
CLAY MASONRY	ACOUSTICAL TILE
PRECAST CONCRETE	BATT INSULATION
METAL	RIGID INSULATION

LEGEND - PLAN SYMBOLS

- SIM / 1 / A-101 — BUILDING SECTION SYMBOL
- SIM / 1 / A-101 — WALL SECTION SYMBOL
- 1 / A-101 — DETAIL SYMBOL
- 1 / A-101 — ENLARGED PLAN SYMBOL
- A-201 / 1 — EXTERIOR ELEVATION SYMBOL
- A-211 / 1 — INTERIOR ELEVATION SYMBOL
- 4.XXX — KEYED NOTE IDENTIFICATION
- ROOM NAME / 000 — ROOM NAME AND NUMBER
- XXX / X — WALL TYPE IDENTIFICATION
- W? — WINDOW IDENTIFICATION
- 1014 — DOOR IDENTIFICATION
- 1 HOUR FIRE RATED WALL
- F.E. — FIRE EXTINGUISHER - SURFACE MOUNT
- F.E.C. — FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER - SEMI-RECESSED
- FD — FLOOR DRAIN
- A100 — EXISTING GRID LINES
- A100 — NEW GRID LINES
- XXX / X' - X" — LEVEL OR SPOT ELEVATIONS
- 10'-10" / ACP-X — CEILING HEIGHT & FINISH

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC

DO NOT SCALE DRAWINGS.

SHEET CONTENTS
NOTES, SYMBOLS & ABBREVIATIONS

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-001

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HOUR RATINGS
"MA" SERIES

PTN TYPE	CMU WIDTH	AVAILABLE FIRE RESISTANCE	NOTES
MA4 1H	3 5/8"	1 HOUR (SOLID BLOCK ONLY)	
MA6 1H	5 5/8"	1 HOUR	
MA6 2H	5 5/8"	2 HOUR	
MA6 3H	5 5/8"	3 HOUR (SOLID BLOCK ONLY)	
MA8 1H	7 5/8"	1 HOUR	
MA8 2H	7 5/8"	2 HOUR	
MA8 3H	7 5/8"	3 HOUR (SOLID BLOCK ONLY)	
MA8 4H	7 5/8"	4 HOUR (SOLID BLOCK ONLY)	
MA0 2H	9 5/8"	2 HOUR	
MA2 2H	11 5/8"	2 HOUR	
MA2 3H	11 5/8"	3 HOUR	
MA2 4H	11 5/8"	4 HOUR	
MA14 4H	13 5/8"	4 HOUR	
MA16 4H	15 5/8"	4 HOUR	

1 HOUR
"SA" SERIES

PTN TYPE	STUD WIDTH	WALL WIDTH	CONSTRUCTION TESTS	NOTES
SA2 1H	1 1/2"	3 3/4"	GA FILE NO WP1070 UL DES NO U448	1 HOUR REQD 1 1/2" MIN. OF 3 PSF INSUL.
			UL DES NO U494	1 HR REQD 2 1/2" MIN
SA3 1H	3 5/8"	4 7/8"	GA FILE NO WP1072 GA FILE NO WP1200 UL DES NO U465	-
SA4 1H	4"	5 1/4"	GA FILE NO WP1072 GA FILE NO WP1200 UL DES NO U465	-
SA6 1H	6"	7 1/4"	GA FILE NO WP1072 GA FILE NO WP1200 UL DES NO U465	-
SA8 1H	8"	9 1/4"	GA FILE NO WP1072 GA FILE NO WP1200 UL DES NO U465	-

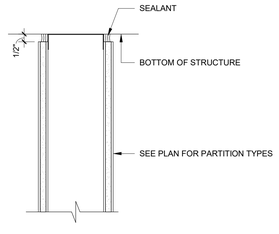
2 HOUR
"SC" SERIES

PTN TYPE	STUD WIDTH	WALL WIDTH	CONSTRUCTION TESTS	NOTES
SC2 2H	1 1/2"	5"	GA FILE NO WP1530 UL DES NO U412	1 1/2" INSUL.
SC3 2H	3 5/8"	6 1/8"	GA FILE NO WP1615 GA FILE NO WP1549 UL DES NO U411	2 1/2" INSUL.
SC4 2H	4"	6 1/2"	GA FILE NO WP1615 GA FILE NO WP1549 UL DES NO U411	-
SC6 2H	6"	8 1/2"	GA FILE NO WP1615 GA FILE NO WP1549 UL DES NO U411	-
SC8 2H	8"	10 1/2"	GA FILE NO WP1615 GA FILE NO WP1549 UL DES NO U411	-

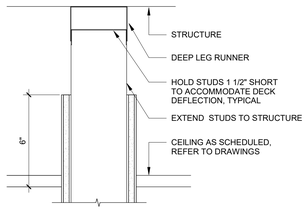
4 Partition Fire Ratings - Examples
1" = 1'-0"

PARTITION GENERAL NOTES:

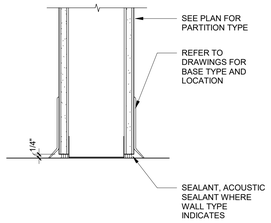
1. PARTITIONS SHALL BE TYPE "SA3" UNLESS OTHERWISE NOTED.
2. ALL ELEMENTS OF ACOUSTIC PARTITIONS SHALL EXTEND TO ROOF OR FLOOR DECK ABOVE AND ALL JOINTS AND PENETRATIONS OF ACOUSTIC RATED PARTITIONS SHALL BE FILLED AND SEALED.
3. REFER TO SHEET A-003 FOR PARTITION DETAILS.
4. REFER TO "INTERIOR PARTITION TYPE MODIFIERS" FOR SYMBOLS USED TO IDENTIFY ADDITIONAL REQUIREMENTS OR MODIFICATIONS TO BASIC PARTITION TYPES.
5. PARTITION TYPES DESCRIBE GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO PRODUCT MANUFACTURERS' SPECIFICATIONS AND REQUIREMENTS FOR APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION.
6. PARTITION REQUIREMENTS SHOWN ARE CONSIDERED MINIMUM STANDARDS. WHERE CONDITIONS OF THE WORK CAUSE PARTITION(S) TO EXCEED LIMITS RECOMMENDED BY MANUFACTURER, REINFORCE PARTITION(S).
7. PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
8. WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.
9. REFER TO STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS NOT IDENTIFIED BY PARTITION TYPES.
10. INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING OF WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN THE DOCUMENTS.
11. FIRE RATED PARTITIONS: GA AND UL TEST NUMBERS MAY VARY DEPENDING ON THE MANUFACTURER OF COMPONENTS ACTUALLY USED.
12. PROVIDE 5/8" TYPE "X" GYPSUM BOARD (UNLESS NOTED OTHERWISE)
13. INSTALLATION OF GYPSUM BOARD, BACKER BOARD AND BASE BOARD SHALL CONFORM TO REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
14. TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO THE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.
15. WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE THE FINISH IS STRAIGHT OR CONTINUOUS UNLESS OTHERWISE NOTED.



3 PARTITION HEAD
3" = 1'-0"

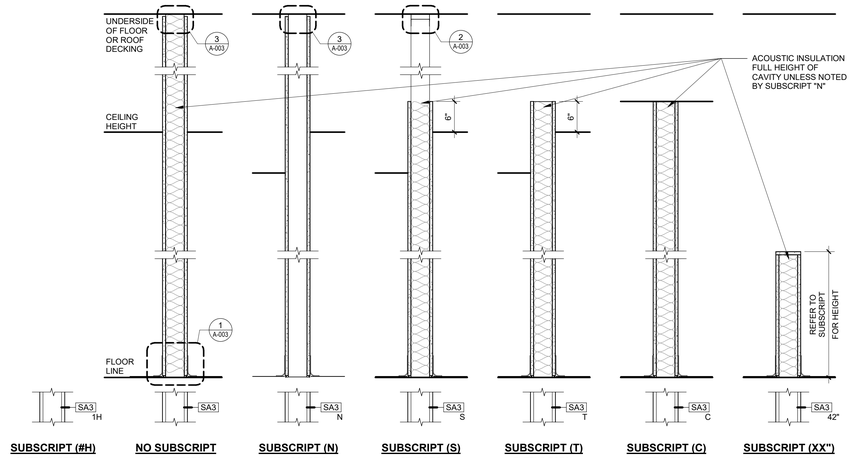


2 PARTITION HEAD
3" = 1'-0"



1 GYP WALL BASE
3" = 1'-0"

PARTITION TYPE SYMBOL AND SUBSCRIPT DEFINITIONS:



SUBSCRIPT (#H)
RATED PARTITION

NO SUBSCRIPT
EXTEND TOTAL PARTITION TO STRUCTURE

SUBSCRIPT (N)
NO ACOUSTIC INSULATION

SUBSCRIPT (S)
STUDS TO STRUCTURE, GYP BD TO 6" ABOVE HIGHEST ADJC. CEILING

SUBSCRIPT (T)
EXTEND TOTAL PARTITION TO 6" ABOVE ADJC. CEILING (BRACE AS NECESSARY)

SUBSCRIPT (C)
EXTEND TOTAL PARTITION TO CEILING (BRACE AS NECESSARY)

SUBSCRIPT (XX")
PARTITION HEIGHT IN INCHES AS NOTED, SEE ABOVE DETAIL FOR OTHER REQUIREMENTS

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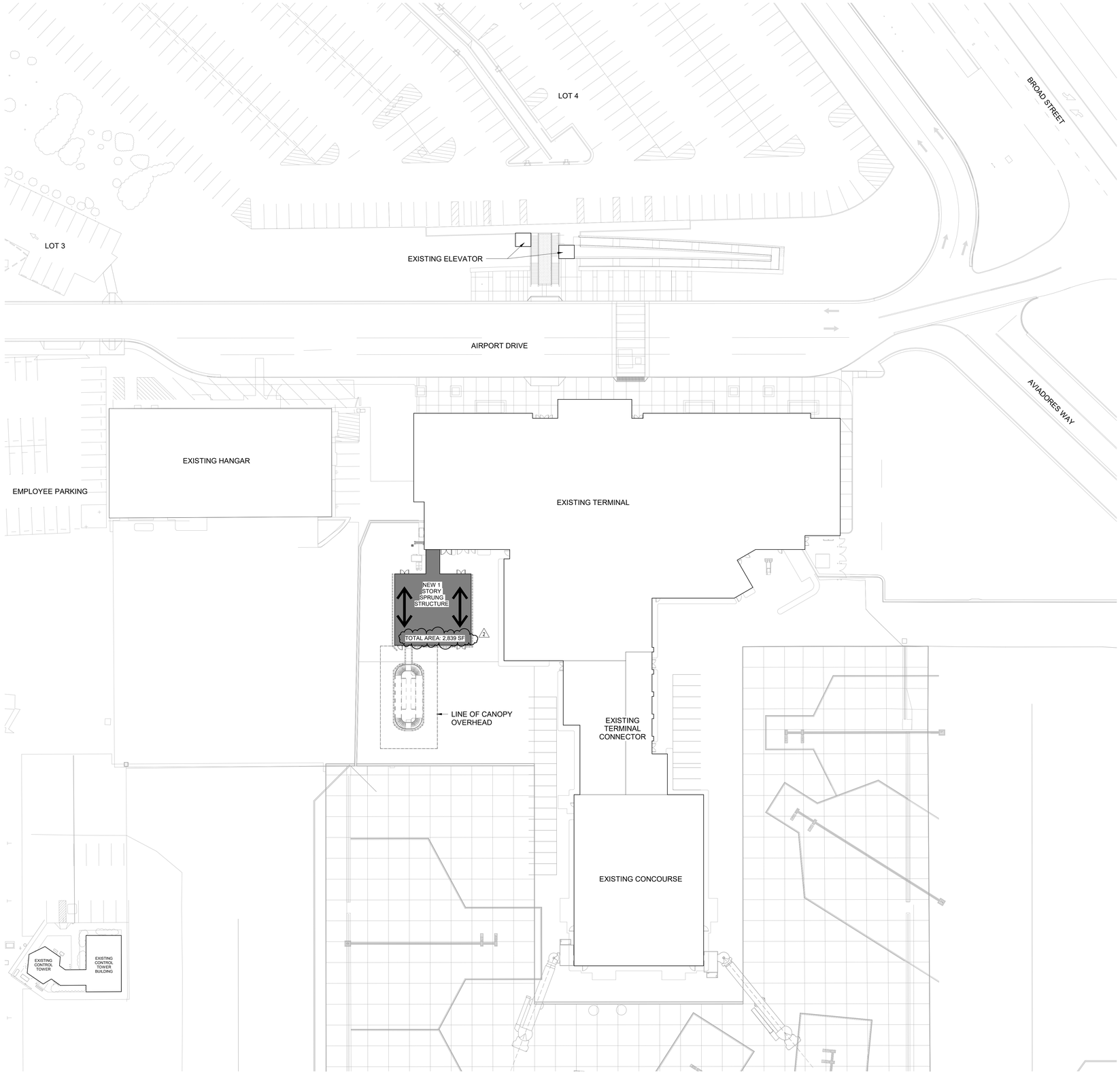
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DATE: January 28, 2026
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CHECKED BY: JC
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SHEET CONTENTS
INTERIOR PARTITION TYPES

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-003

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TRUE NORTH PLAN NORTH

1 **SITE PLAN**
1" = 30'-0"

Mead & Hunt

Mead & Hunt, Inc.
3110 E.Guasti Road,
Suite 330
Ontario, CA 91761
phone: 909-467-8560
meadhunt.com

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC

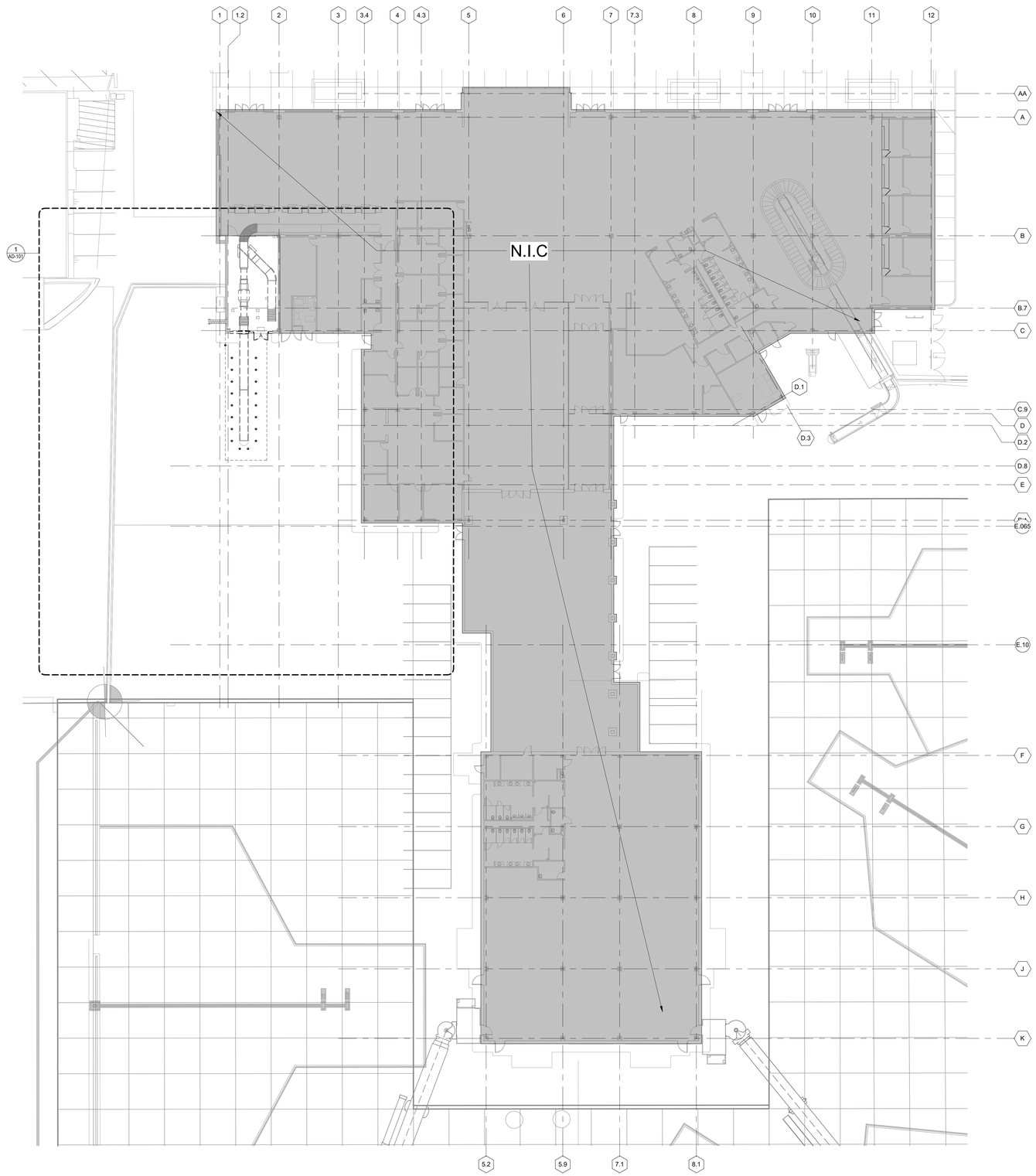
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SHEET CONTENTS:
ARCHITECTURAL SITE PLAN

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
CERTIFIED
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-010

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N 1 **FIRST FLOOR OVERALL DEMOLITION PLAN**
1" = 20'-0"

DEMOLITION PLAN GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL BUILDING AND SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH ANY SCHEDULED DEMOLITION WORK.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING WORK AND ALL SUBCONTRACTORS FOR DEMOLITION AND REPAIR WORK.
3. IT IS THE INTENT OF THESE DRAWINGS TO INDICATE THE REMOVAL OF ALL ITEMS WHICH INTERFERE WITH THE FINAL CONSTRUCTION AS SHOWN ON THE FLOOR PLANS, ELEVATIONS, DETAILS, AND SCHEDULES. ALL FLOOR FINISHES, BASE, ABANDONED FURNITURE, WINDOW TREATMENTS, SHELVING, SIGNAGE, AND ROOFING MATERIALS SHALL BE DEMOLISHED IN THEIR ENTIRETY.
4. REMOVE ALL ITEMS OF DEMOLITION WORK FROM THE PROJECT DAILY AND DISPOSE OF PROPERLY.
5. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN, TYP. PROTECT COLUMNS, PILASTERS, BEAMS, AND SLABS.
6. THE EXISTING MECHANICAL, ELECTRICAL,TECHNOLOGY, AND PLUMBING ITEMS AND/OR SYSTEMS, AND GAS, WATER AND ELECTRICAL METERS ARE GENERALLY INTENDED TO REMAIN. WHERE WORK CONFLICTS WITH NEW WORK, DEMOLITION OR REROUTING OF EXISTING INFRASTRUCTURE SHALL BE REQUIRED, REF: MEP FOR ALL ITEMS TO BE REUSED TYP. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED IN THEIR ENTIRETY, BACK TO THE ORIGINAL SOURCE. SURROUNDING MATERIALS WHICH ARE DISTURBED OR DEMOLISHED THAT ARE SCHEDULED TO REMAIN SHALL BE PATCHED WITH LIKE SURROUNDING MATERIALS, TYPICAL.
7. ALL EXISTING CONVEYOR BELT/ BAGGAGE HANDLING EQUIPMENT IN BAGGAGE SCREENING AREA TO BE REMOVED.
8. DEMOLISH CONCRETE FLOOR SLABS AS REQUIRED TO INSTALL NEW EQUIPMENT, UNDERGROUND CONDUIT, PLUMBING SYSTEMS, AND FLOOR DRAINS, REF: STRUCTURAL, EQUIPMENT, ELECTRICAL, PLUMBING DEMOLITION, AND PLUMBING DRAWINGS.
9. PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
10. REPAIR OR REPLACE ANY EXISTING CONSTRUCTION (WINDOWS, WALLS, DOORS, CEILINGS, FLOORS, ETC.) TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH IN KIND.

DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED, TYP (U.N.O.)
- EXISTING DOOR TO REMAIN
- DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED COMPLETE, TYP (U.N.O.)

KEY PLAN

Mead & Hunt

Mead & Hunt, Inc.
3110 E.Guasti Road,
Suite 330
Ontario, CA 91761
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meadhunt.com

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

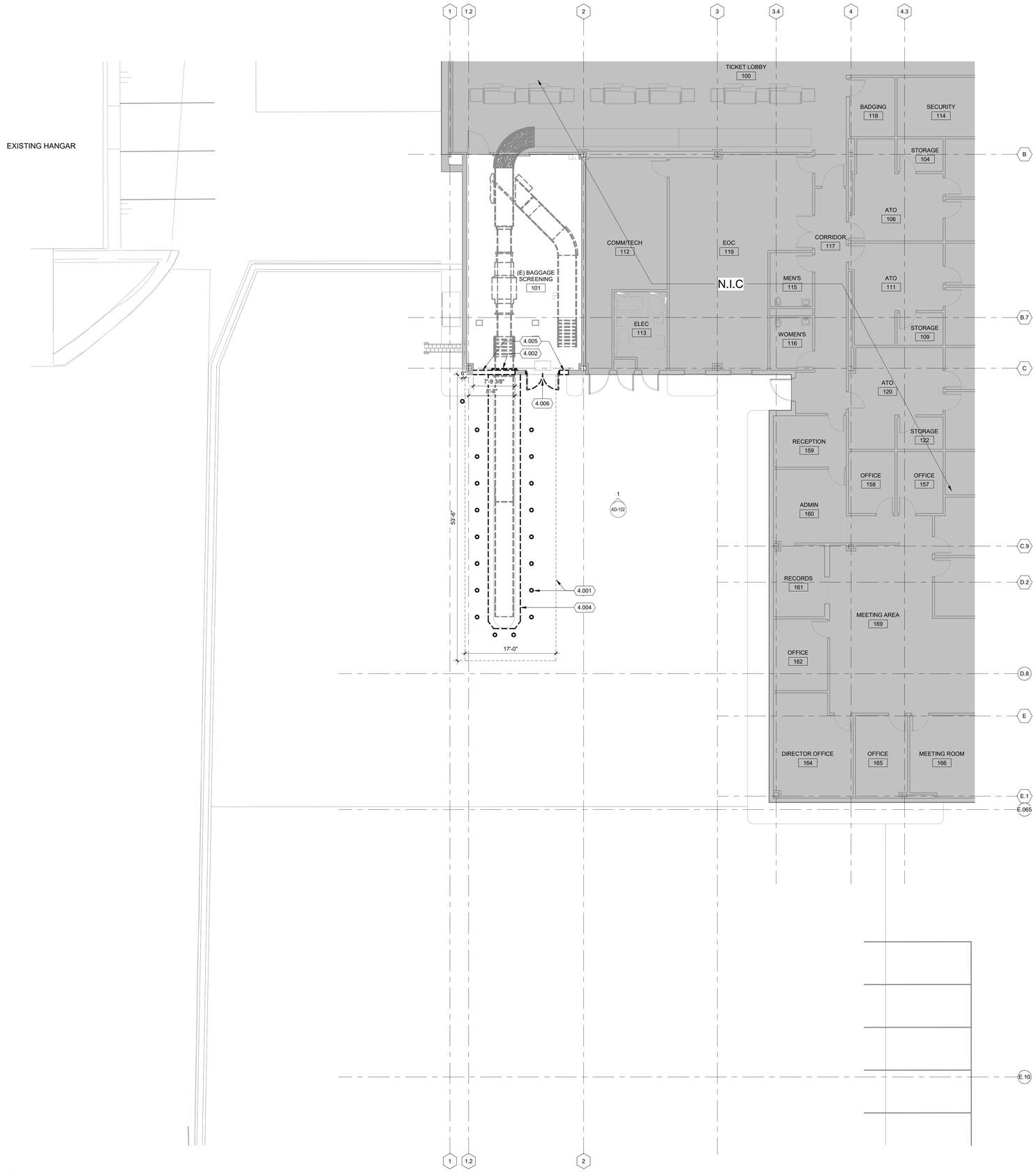
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DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC
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SHEET CONTENTS
FIRST FLOOR OVERALL DEMOLITION PLAN

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
AD-100

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DEMOLITION PLAN GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL BUILDING AND SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH ANY SCHEDULED DEMOLITION WORK.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING WORK AND ALL SUBCONTRACTORS FOR DEMOLITION AND REPAIR WORK.
3. IT IS THE INTENT OF THESE DRAWINGS TO INDICATE THE REMOVAL OF ALL ITEMS WHICH INTERFERE WITH THE FINAL CONSTRUCTION AS SHOWN ON THE FLOOR PLANS, ELEVATIONS, DETAILS, AND SCHEDULES. ALL FLOOR FINISHES, BASE, ABANDONED FURNITURE, WINDOW TREATMENTS, SHELVING, SIGNAGE, AND ROOFING MATERIALS SHALL BE DEMOLISHED IN THEIR ENTIRETY.
4. REMOVE ALL ITEMS OF DEMOLITION WORK FROM THE PROJECT DAILY AND DISPOSE OF PROPERLY.
5. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN, TYP. PROTECT COLUMNS, PILASTERS, BEAMS, AND SLABS.
6. THE EXISTING MECHANICAL, ELECTRICAL,TECHNOLOGY, AND PLUMBING ITEMS AND/OR SYSTEMS, AND GAS, WATER AND ELECTRICAL METERS ARE GENERALLY INTENDED TO REMAIN. WHERE WORK CONFLICTS WITH NEW WORK, DEMOLITION OR REROUTING OF EXISTING INFRASTRUCTURE SHALL BE REQUIRED, REF: MEP FOR ALL ITEMS TO BE REUSED TYP. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED IN THEIR ENTIRETY, BACK TO THE ORIGINAL SOURCE. SURROUNDING MATERIALS WHICH ARE DISTURBED OR DEMOLISHED THAT ARE SCHEDULED TO REMAIN SHALL BE PATCHED WITH LIKE SURROUNDING MATERIALS, TYPICAL.
7. ALL EXISTING CONVEYOR BELT/ BAGGAGE HANDLING EQUIPMENT IN BAGGAGE SCREENING AREA TO BE REMOVED.
8. DEMOLISH CONCRETE FLOOR SLABS AS REQUIRED TO INSTALL NEW EQUIPMENT, UNDERGROUND CONDUIT, PLUMBING SYSTEMS, AND FLOOR DRAINS, REF: STRUCTURAL, EQUIPMENT, ELECTRICAL, PLUMBING DEMOLITION, AND PLUMBING DRAWINGS.
9. PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
10. REPAIR OR REPLACE ANY EXISTING CONSTRUCTION (WINDOWS, WALLS, DOORS, CEILINGS, FLOORS, ETC.) TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH IN KIND.

DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED, TYP (U.N.O.)
- EXISTING DOOR TO REMAIN
- DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED COMPLETE, TYP (U.N.O.)

KEYED NOTES

4.001 REMOVE EXISTING CANOPY STRUCTURE AND FOUNDATIONS

4.002 REMOVE EXISTING SHUTTER AND SALVAGE FOR REINSTALLATION

4.004 REMOVE EXISTING BHS IMPACT PROTECTION TYP.

4.005 REMOVE PORTION OF EXISTING WALL

4.006 REMOVE EXISTING DOOR AND FRAME

N 1 **FIRST FLOOR DEMO PLAN - AREA A - Exist/Temp**
1/8" = 1'-0"

KEY PLAN

Mead & Hunt
Mead & Hunt, Inc.
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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

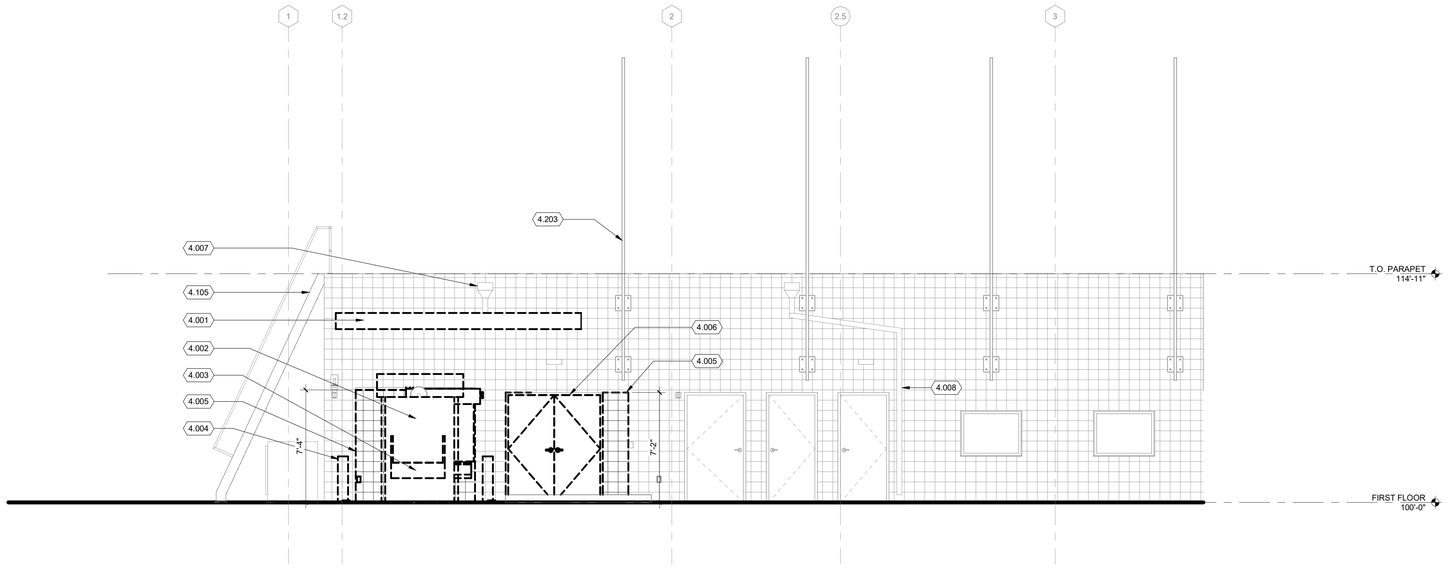
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SHEET CONTENTS
FIRST FLOOR DEMOLITION PLAN - AREA A

SHEET NO.:
AD-101

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

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1 TERMINAL ELEVATION SOUTH - DEMO

1/4" = 1'-0"

KEYED NOTES

4.001	REMOVE EXISTING CANOPY STRUCTURE AND FOUNDATIONS
4.002	REMOVE EXISTING SHUTTER AND SALVAGE FOR REINSTALLATION
4.003	REMOVE EXISTING BHS AND SALVAGE FOR REINSTALLATION. REFER TO BHS DRAWINGS
4.004	REMOVE EXISTING BHS IMPACT PROTECTION TYP.
4.005	REMOVE PORTION OF EXISTING WALL
4.006	REMOVE EXISTING DOOR AND FRAME
4.007	PROTECT EXISTING SCUPPER, REMOVE DOWNSPOUT
4.008	PROTECT EXISTING DOWNSPOUT IN PLACE
4.105	EXISTING ROOF ACCESS LADDER, PROTECT IN PLACE
4.203	EXISTING ANTENNA MASTS TYP.

KEY PLAN

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LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

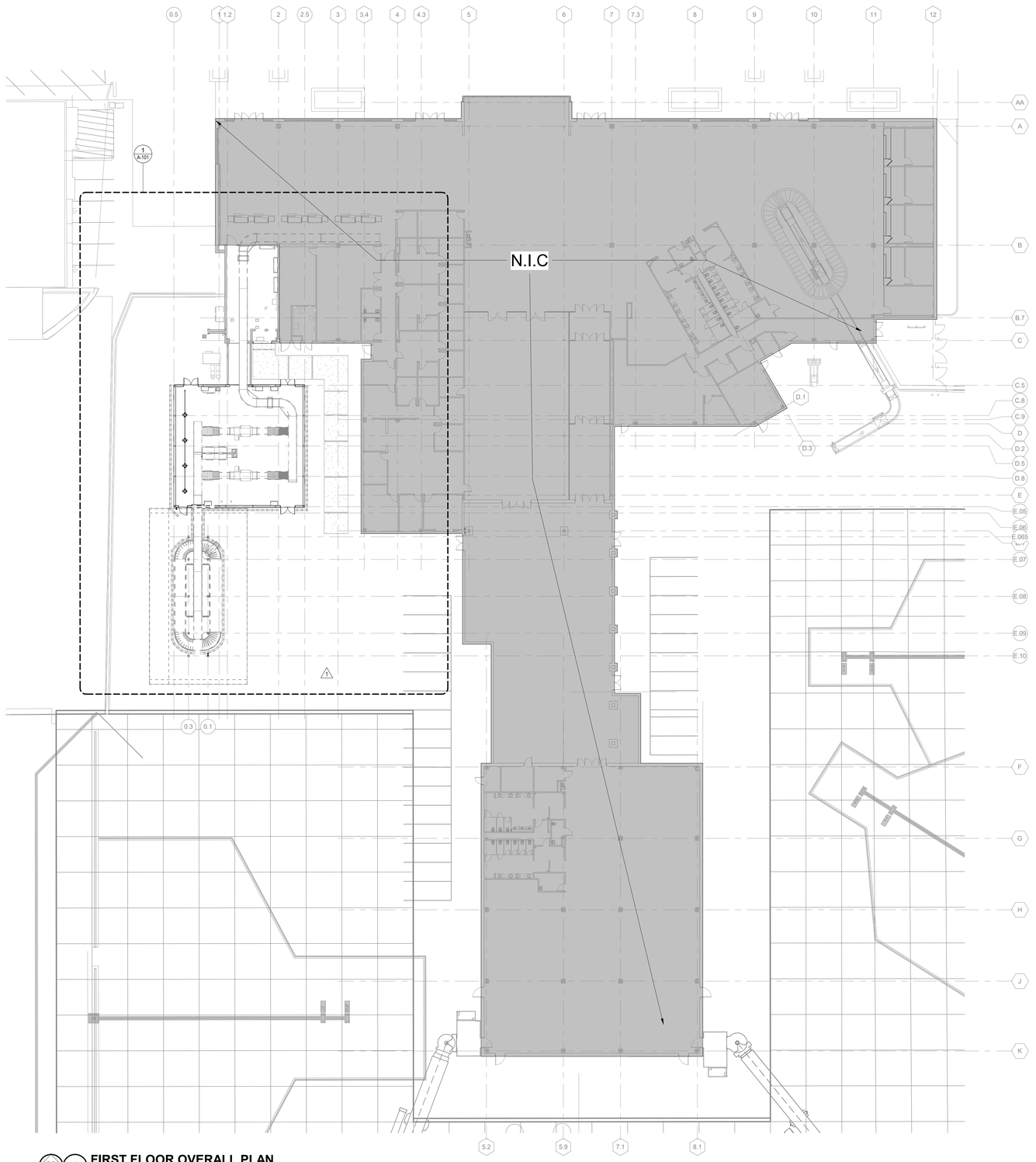
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SHEET CONTENTS
DEMOLITION ELEVATIONS

SHEET NO.:
AD-102

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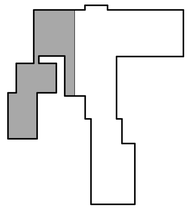


N 1 **FIRST FLOOR OVERALL PLAN**
1" = 20'-0"

FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. ALL INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
5. REFERENCE SHEET G-011 AND G-021 FOR ALL CODE, FIRE RATING, AND SEPARATION REQUIREMENTS.
6. GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION (WALLS, DOORS, CEILINGS, FLOORS, ETC.) AS REQUIRED FROM DEMOLITION OR CONSTRUCTION TO ALLOW FOR THE PREP WORK AND NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL.
7. GENERAL CONTRACTOR SHALL PATCH ALL FLOOR AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. ALL PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
8. COORDINATE THE INSTALLATION OF ALL OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
10. REFERENCE G-101 FOR SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES



KEY PLAN

Mead & Hunt
Mead & Hunt, Inc.
3110 E.Guasti Road,
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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
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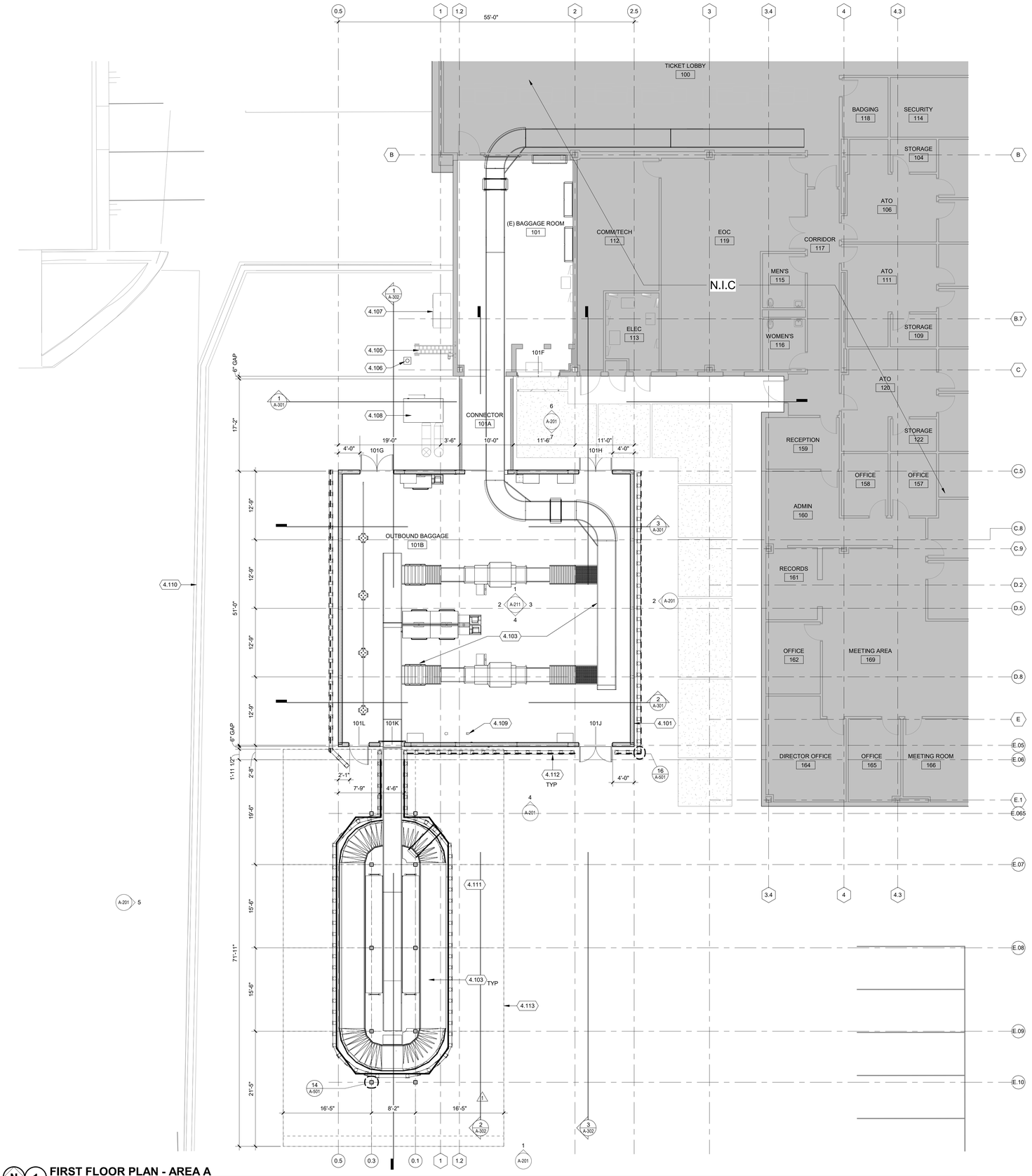
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SHEET CONTENTS
FIRST FLOOR OVERALL PLAN

SHEET NO.:
A-100

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

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FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. ALL INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
5. REFERENCE SHEET G-011 AND G-021 FOR ALL CODE, FIRE RATING, AND SEPARATION REQUIREMENTS.
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7. GENERAL CONTRACTOR SHALL PATCH ALL FLOOR AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. ALL PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
8. COORDINATE THE INSTALLATION OF ALL OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
10. REFERENCE G-101 FOR SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES

4.101 TENSIONED FABRIC STRUCTURE
4.103 BAGGAGE HANDLING SYSTEM (BHS) , REFER TO BHS DRAWINGS
4.105 EXISTING ROOF ACCESS LADDER, PROTECT IN PLACE
4.106 EXISTING BOLLARD, PROTECT IN PLACE
4.107 EXISTING EQUIPMENT, PROTECT IN PLACE
4.108 MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS
4.109 FIRE RISER, REFER TO FIRE PROTECTION DRAWINGS
4.110 EXISTING RETAINING WALL AND FENCE, PROTECT IN PLACE
4.111 BHS IMPACT PROTECTION
4.112 BUILDING IMPACT PROTECTION
4.113 LINE OF CANOPY OVERHEAD

N 1 **FIRST FLOOR PLAN - AREA A**
1/8" = 1'-0"

KEY PLAN

Mead & Hunt
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SAN LUIS OBISPO COUNTY AIRPORT BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

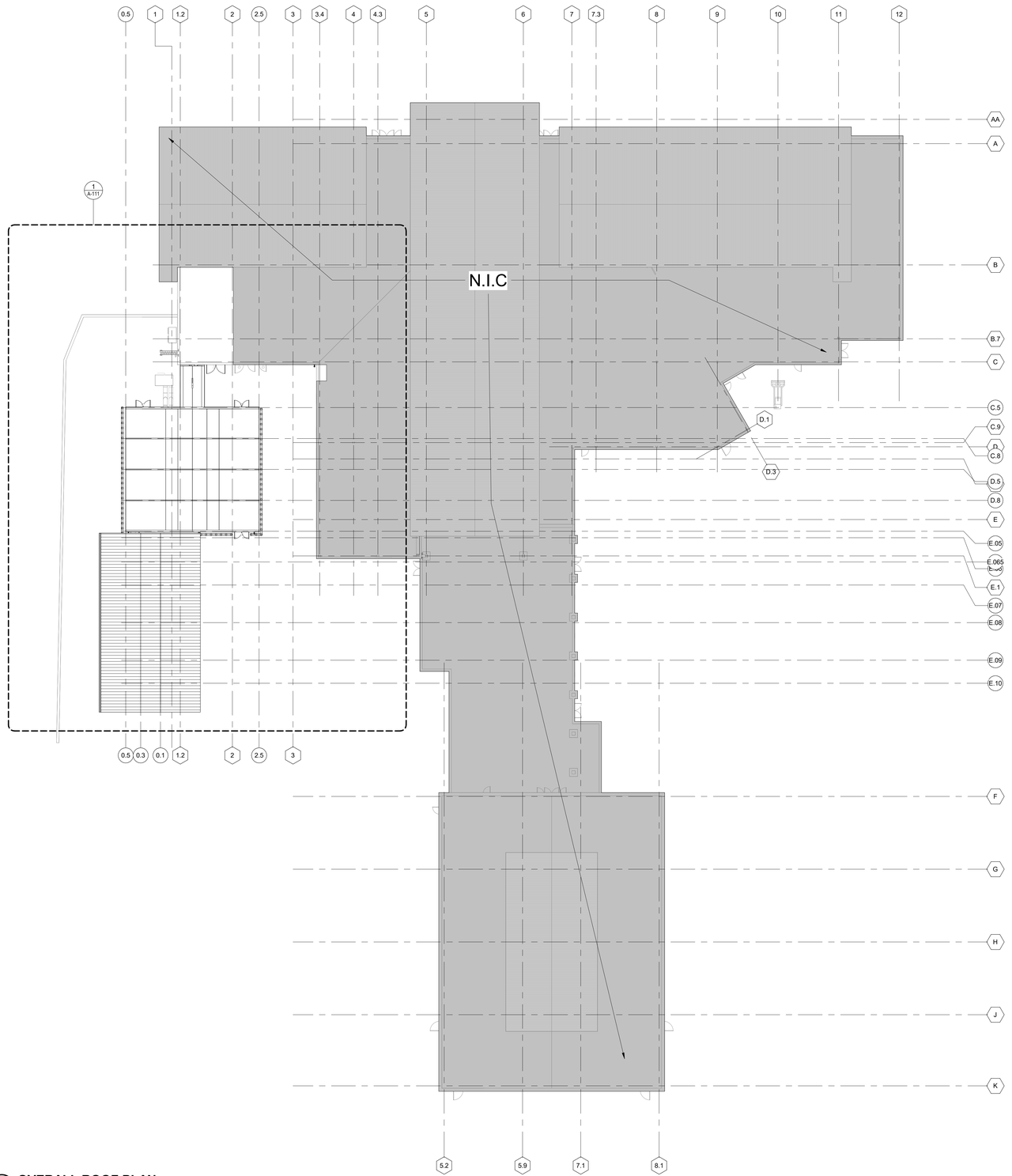
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SHEET CONTENTS
PARTIAL FIRST FLOOR PLAN

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-101

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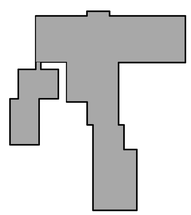


N 1 **OVERALL ROOF PLAN**
1" = 20'-0"

FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. ALL INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
5. REFERENCE SHEET G-011 AND G-021 FOR ALL CODE, FIRE RATING, AND SEPARATION REQUIREMENTS.
6. GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION (WALLS, DOORS, CEILINGS, FLOORS, ETC.) AS REQUIRED FROM DEMOLITION OR CONSTRUCTION TO ALLOW FOR THE PREP WORK AND NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL.
7. GENERAL CONTRACTOR SHALL PATCH ALL FLOOR AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. ALL PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
8. COORDINATE THE INSTALLATION OF ALL OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
10. REFERENCE G-101 FOR SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES



KEY PLAN

Mead & Hunt

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
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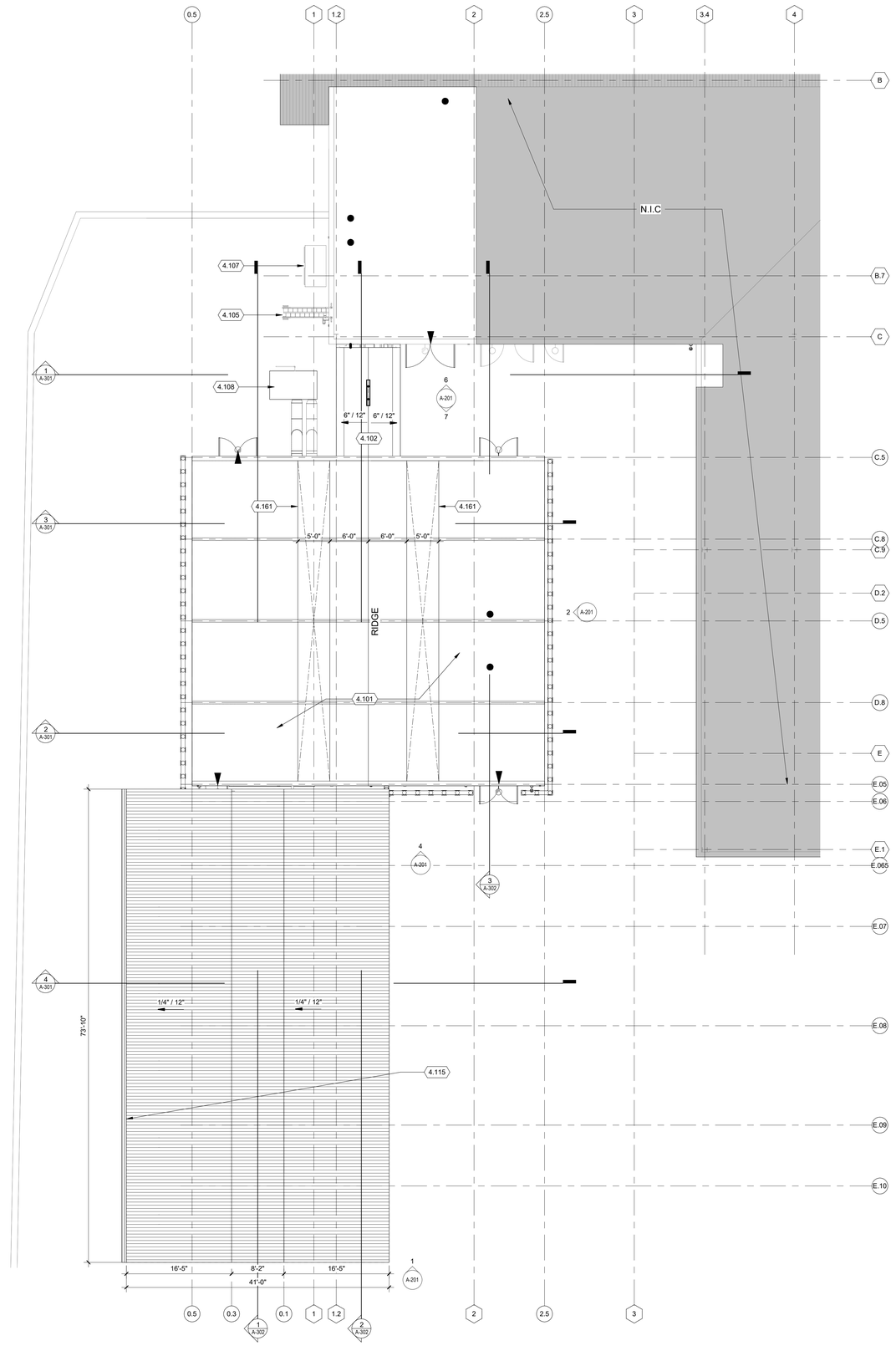
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DESIGNED BY: DA
DRAWN BY: DA
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SHEET CONTENTS
OVERALL ROOF PLAN

SHEET NO.:
A-110

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

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N 1 **ROOF PLAN - AREA A**
1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. ALL INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
5. REFERENCE SHEET G-011 AND G-021 FOR ALL CODE, FIRE RATING, AND SEPARATION REQUIREMENTS.
6. GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION (WALLS, DOORS, CEILINGS, FLOORS, ETC.) AS REQUIRED FROM DEMOLITION OR CONSTRUCTION TO ALLOW FOR THE PREP WORK AND NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL.
7. GENERAL CONTRACTOR SHALL PATCH ALL FLOOR AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. ALL PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
8. COORDINATE THE INSTALLATION OF ALL OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
10. REFERENCE G-101 FOR SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES

4.101 TENSIONED FABRIC STRUCTURE

4.102 TENSIONED FABRIC CONNECTOR

4.105 EXISTING ROOF ACCESS LADDER, PROTECT IN PLACE

4.107 EXISTING EQUIPMENT, PROTECT IN PLACE

4.108 MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS

4.115 INTEGRALLY SLOPED GUTTER

4.161 DAYLIGHT PANELS SEE RCP

KEY PLAN

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

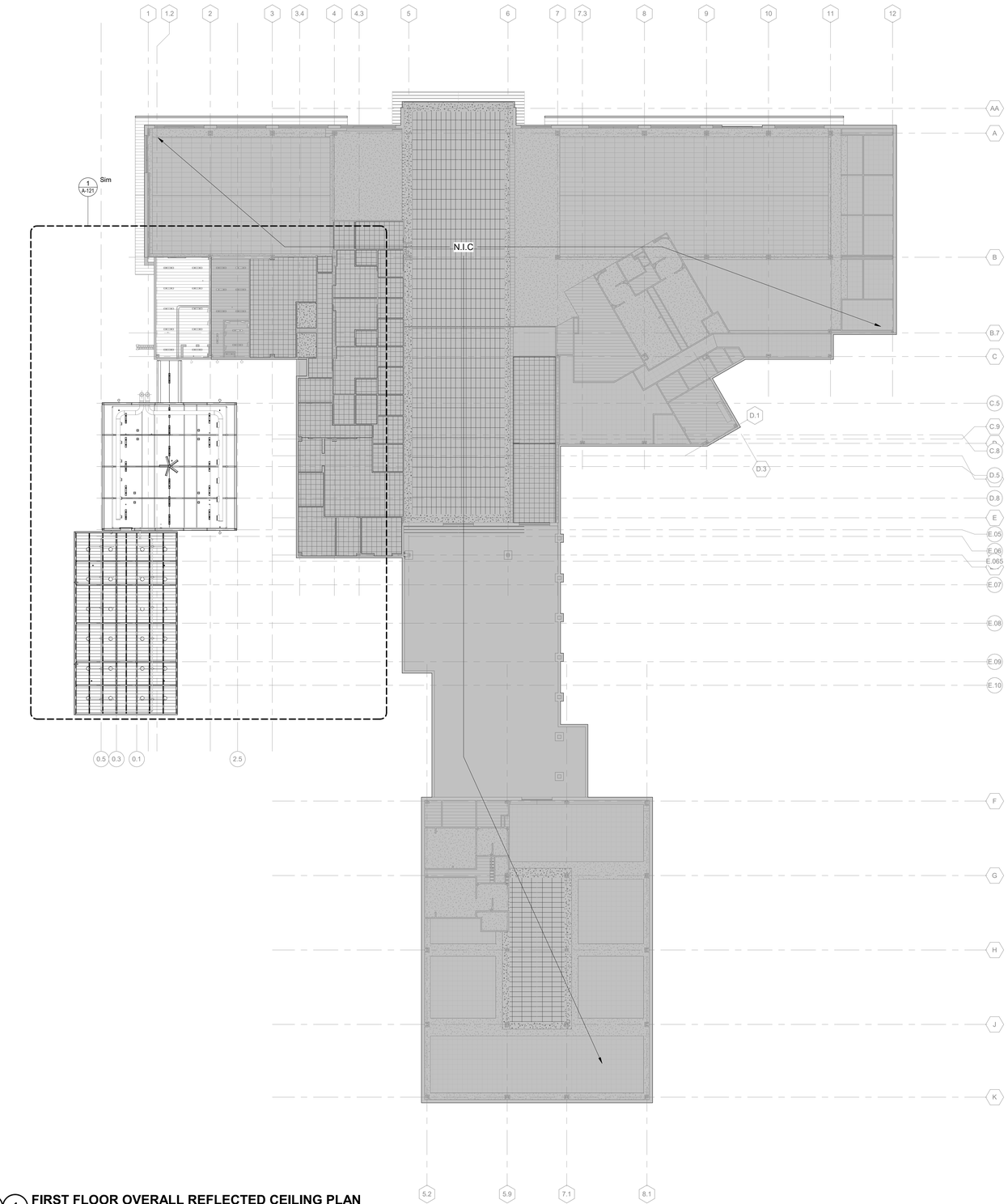
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DATE: January 28, 2026
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DRAWN BY: DA
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SHEET CONTENTS
PARTIAL ROOF PLAN

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
STATE OF
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-111

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N 1 **FIRST FLOOR OVERALL REFLECTED CEILING PLAN**
1" = 20'-0"

CEILING PLAN GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT FOR FINAL DECISION.

CEILING PLAN LEGEND:

SEE ELECTRICAL FOR EXACT FIXTURE MODEL

- LIGHT FIXTURE (SUSPENDED)
- LIGHT FIXTURE (SUSPENDED)
- CEILING SPEAKER
- CEILING CAMERA
- SPRINKLER HEADS
- CEILING RECEPTACLES
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER / EXHAUST GRILL
- EXHAUST FAN

KEY PLAN

Mead & Hunt

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BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

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1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
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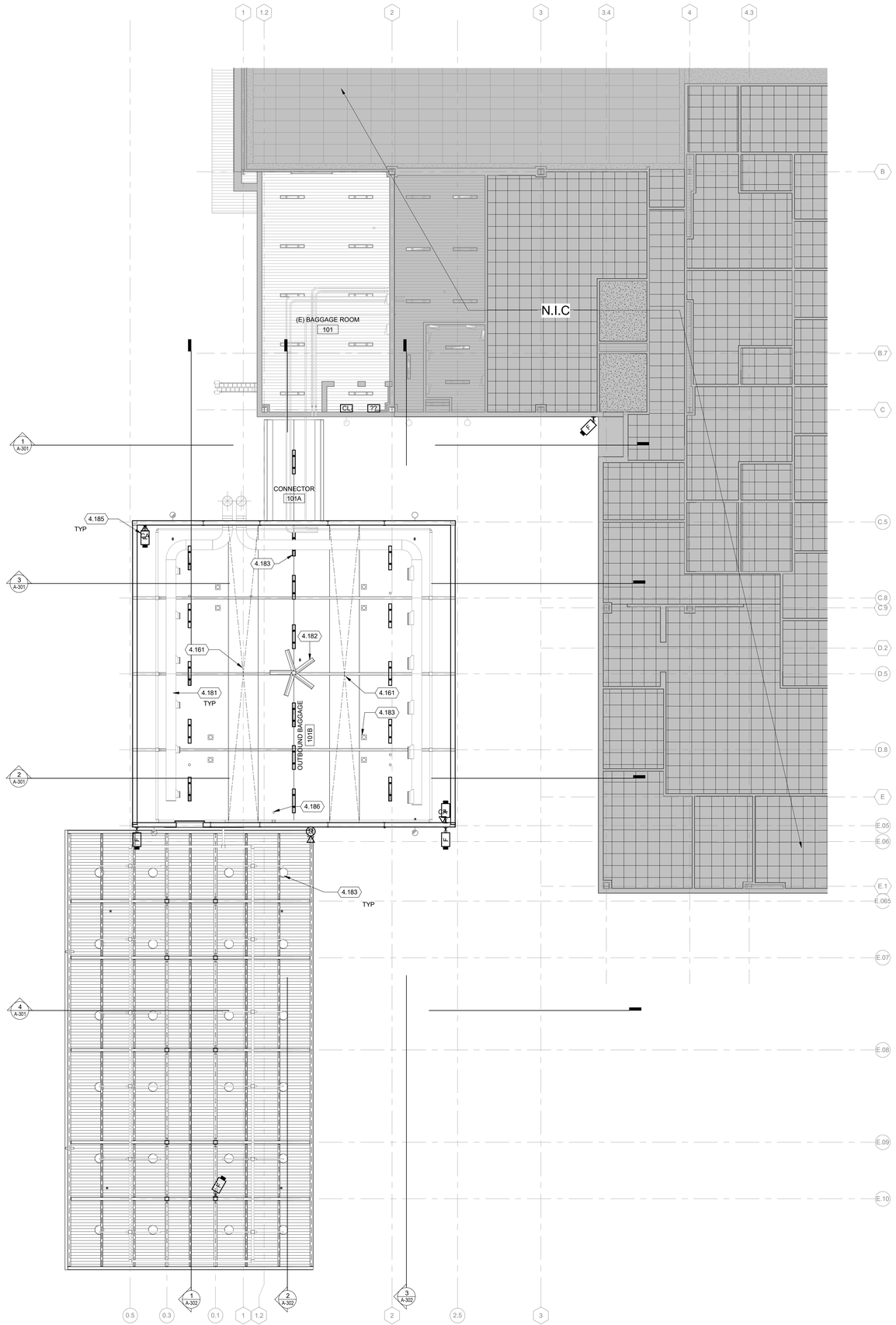
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SHEET CONTENTS
OVERALL REFLECTED CEILING PLAN

SHEET NO.:
A-120

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEW
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

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CEILING PLAN GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT FOR FINAL DECISION.

CEILING PLAN LEGEND:

SEE ELECTRICAL FOR EXACT FIXTURE MODEL

- LIGHT FIXTURE (SUSPENDED)
- LIGHT FIXTURE (SUSPENDED)
- CEILING SPEAKER
- CEILING CAMERA
- SPRINKLER HEADS
- CEILING RECEPTACLES
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER / EXHAUST GRILL
- EXHAUST FAN

KEYED NOTES

4.161 DAYLIGHT PANELS SEE RCP

4.181 MECHANICAL DUCT RE: MECHANICAL

4.182 FAN, RE: MECHANICAL

4.183 LIGHT FIXTURE RE: ELECTRICAL

4.185 SECURITY CAMERA RE: TECHNOLOGY

4.186 FIRE SPRINKLER RISER RE: FIRE PROTECTION

N 1 PARTIAL REFLECTED CEILING PLAN

1/8" = 1'-0"

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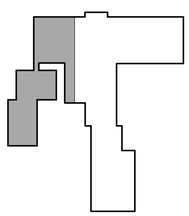
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BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS



KEY PLAN

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
EXPIRATION
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

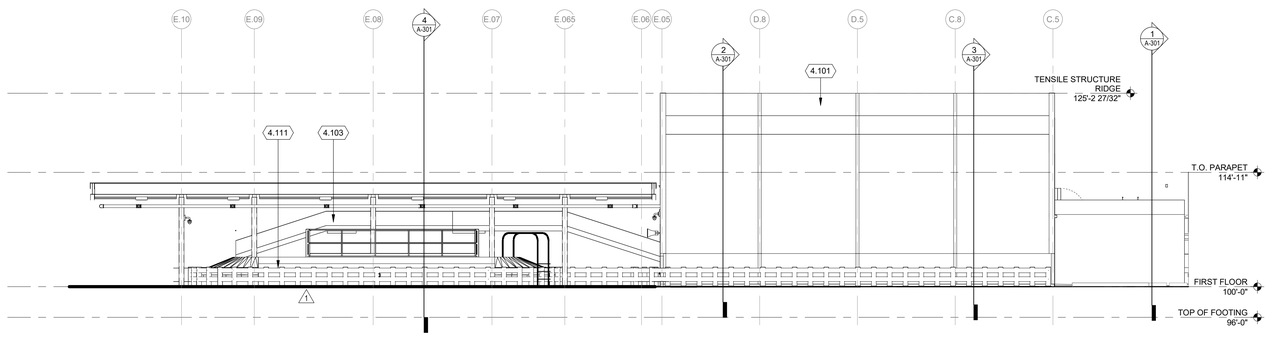
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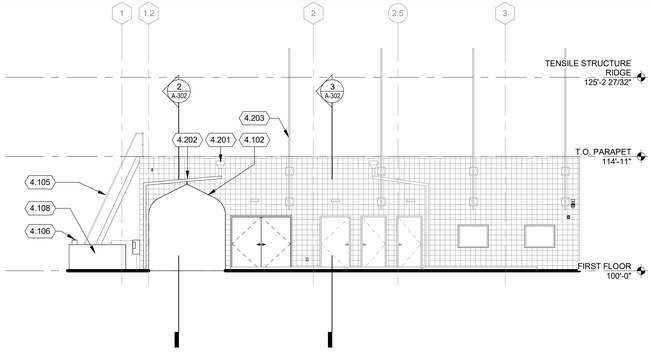
SHEET CONTENTS
PARTIAL REFLECTED CEILING PLAN

SHEET NO.:
A-121

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2 SPRUNG STRUCTURE - ELEVATION EAST
1/8" = 1'-0"

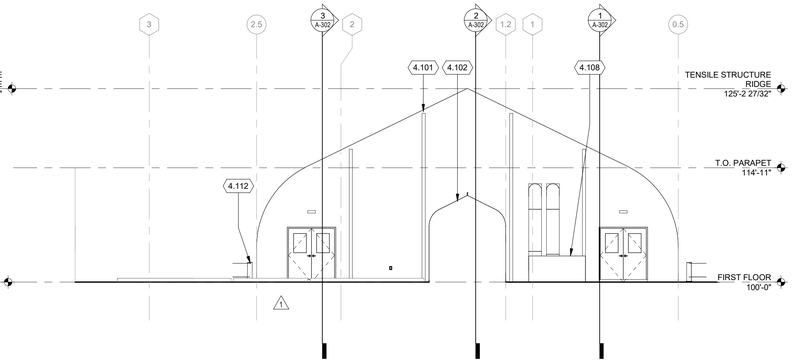


6 TERMINAL ELEVATION SOUTH
1/8" = 1'-0"

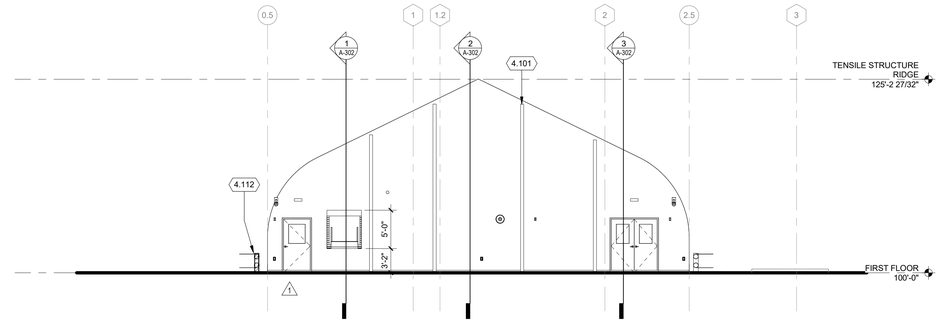
KEYED NOTES

4.101	TENSIONED FABRIC STRUCTURE
4.102	TENSIONED FABRIC CONNECTOR
4.103	BAGGAGE HANDLING SYSTEM (BHS) , REFER TO BHS DRAWINGS
4.105	EXISTING ROOF ACCESS LADDER, PROTECT IN PLACE
4.106	EXISTING BOLLARD, PROTECT IN PLACE
4.108	MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS
4.111	BHS IMPACT PROTECTION
4.112	BUILDING IMPACT PROTECTION
4.201	EXISTING SCUPPER AND DOWNSPOUT
4.202	NEW DOWNSPOUT ROUTING, CONNECT TO EXISTING SCUPPER
4.203	EXISTING ANTENNA MASTS TYP.

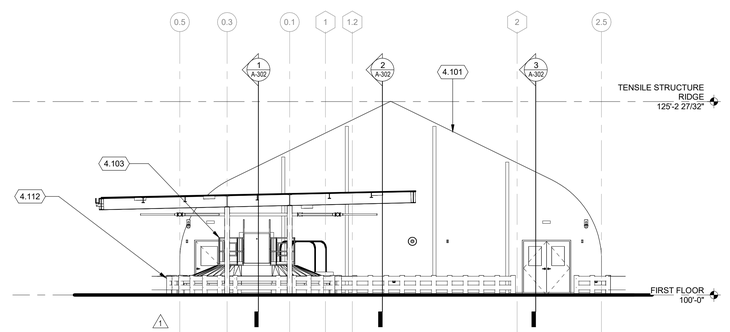
5 SPRUNG STRUCTURE - ELEVATION WEST
1/8" = 1'-0"



7 SPRUNG STRUCTURE - ELEVATION NORTH
1/8" = 1'-0"



4 SPRUNG STRUCTURE - ELEVATION SOUTH
1/8" = 1'-0"



1 SPRUNG STRUCTURE EXTERIOR ELEVATION SOUTH
1/8" = 1'-0"

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BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

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1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

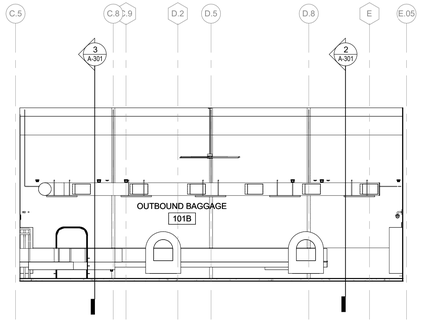
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SHEET CONTENTS
EXTERIOR ELEVATIONS

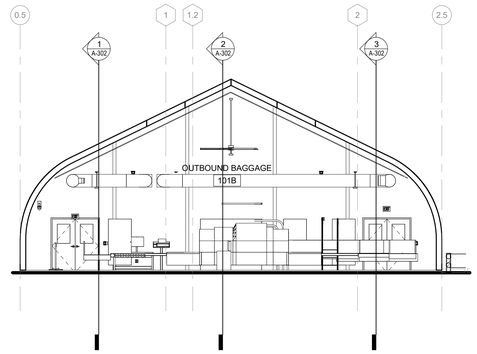
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STATE OF
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NOVEMBER 30, 2027
STATE OF CALIFORNIA

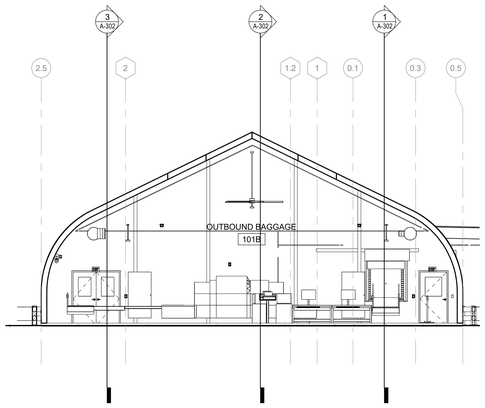
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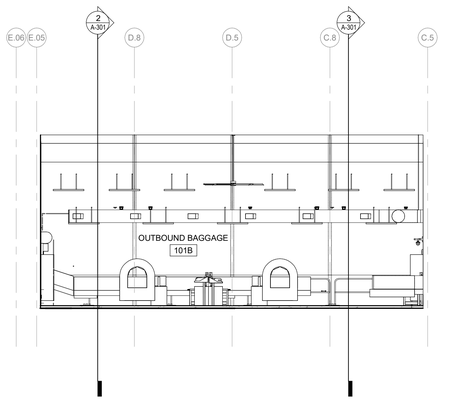
3 EAST SPRUNG STRUCTURE INTERIOR ELEVATION
1/8" = 1'-0"



1 NORTH SPRUNG STRUCTURE INTERIOR ELEVATION
1/8" = 1'-0"



4 SOUTH SPRUNG STRUCTURE INTERIOR ELEVATION
1/8" = 1'-0"



2 WEST SPRUNG STRUCTURE INTERIOR ELEVATION
1/8" = 1'-0"

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

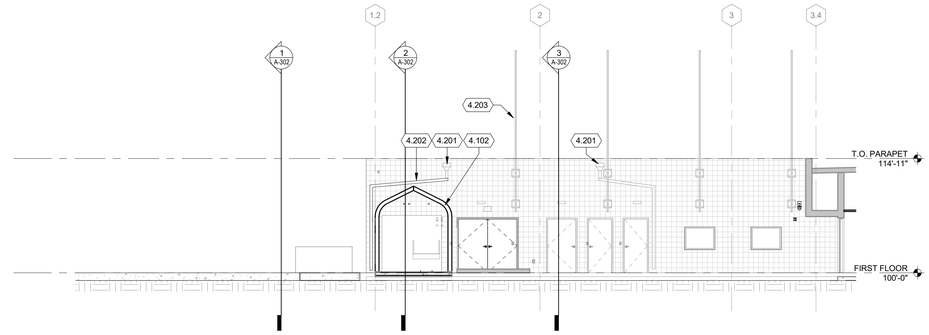
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SHEET CONTENTS
INTERIOR BUILDING ELEVATIONS

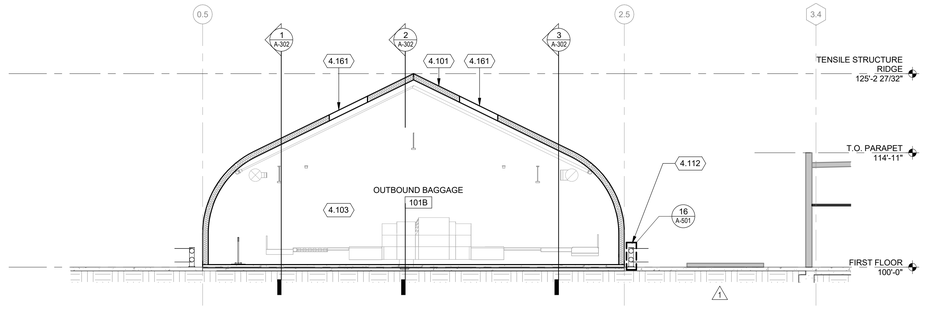
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TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-211

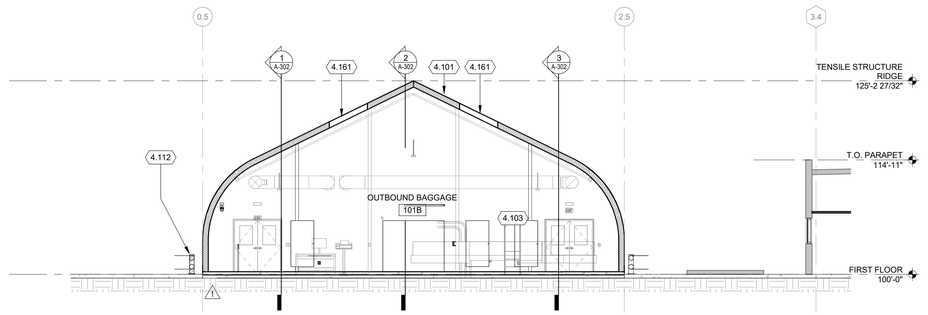
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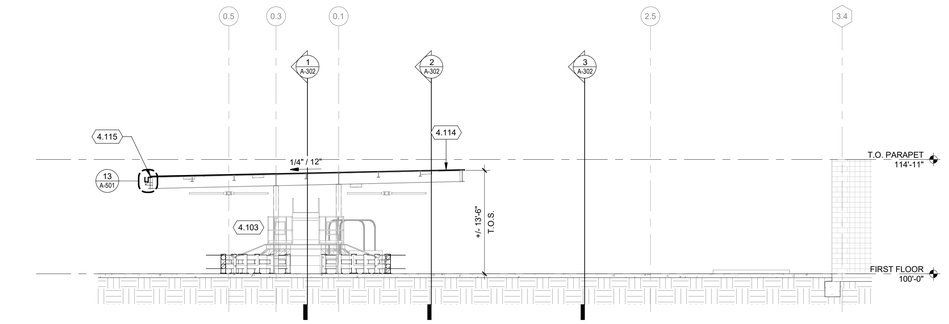
1 BUILDING SECTION - CONNECTOR
1/8" = 1'-0"



2 BUILDING SECTION - SPRUNG STRUCTURE
1/8" = 1'-0"



3 BUILDING SECTION - SPRUNG STRUCTURE
1/8" = 1'-0"



4 BUILDING SECTION - CANOPY
1/8" = 1'-0"

KEYED NOTES

4.101	TENSIONED FABRIC STRUCTURE
4.102	TENSIONED FABRIC CONNECTOR
4.103	BAGGAGE HANDLING SYSTEM (BHS) , REFER TO BHS DRAWINGS
4.112	BUILDING IMPACT PROTECTION
4.114	CANOPY
4.115	INTEGRALLY SLOPED GUTTER
4.161	DAYLIGHT PANELS SEE RCP
4.201	EXISTING SCUPPER AND DOWNSPOUT
4.202	NEW DOWNSPOUT ROUTING, CONNECT TO EXISTING SCUPPER
4.203	EXISTING ANTENNA MASTS TYP.

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

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2	01/28/26	PERMIT REVISIONS

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SHEET CONTENTS
BUILDING SECTIONS

LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SHEET NO.:
A-301

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KEYED NOTES

4.101 TENSIONED FABRIC STRUCTURE

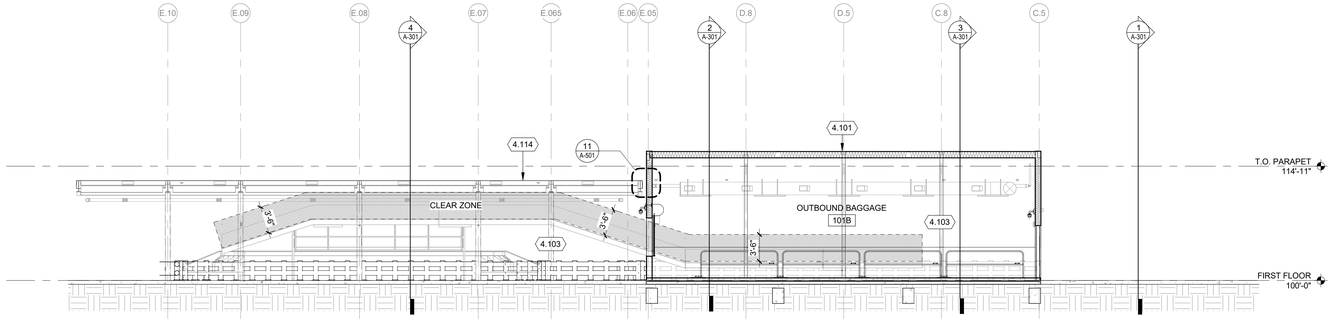
4.102 TENSIONED FABRIC CONNECTOR

4.103 BAGGAGE HANDLING SYSTEM (BHS) , REFER TO BHS DRAWINGS

4.105 EXISTING ROOF ACCESS LADDER, PROTECT IN PLACE

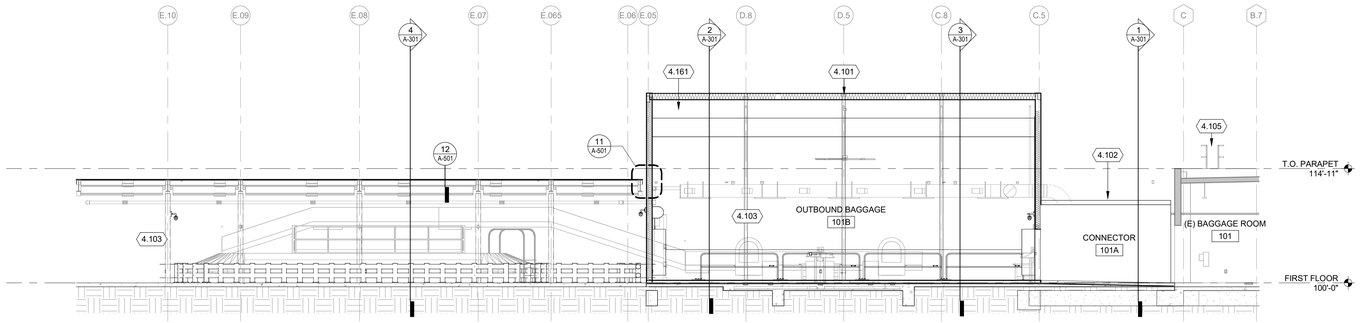
4.114 CANOPY

4.161 DAYLIGHT PANELS SEE RCP



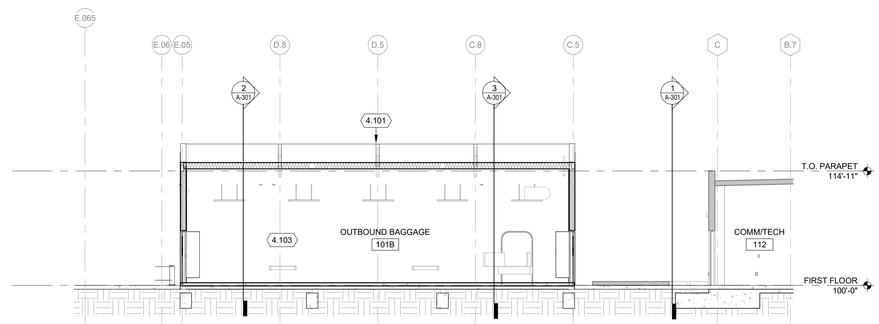
1 BUILDING SECTION - N/S - 1

1/8" = 1'-0"



2 BUILDIGN SECTION - N/S - 2

1/8" = 1'-0"



3 BUILDING SECTION - N/S - 3

1/8" = 1'-0"

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BAGGAGE SCREENING SYSTEM

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SAN LUIS OBISPO, CA 93401

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1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

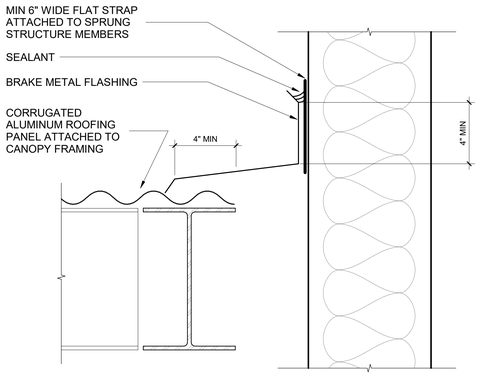
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BUILDING SECTIONS

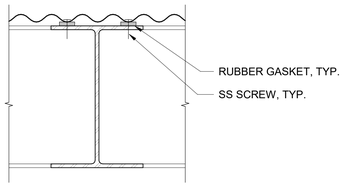
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LIC. # 35197
STATE OF CALIFORNIA
RENEWAL DATE
NOVEMBER 30, 2027

SHEET NO.:
A-302

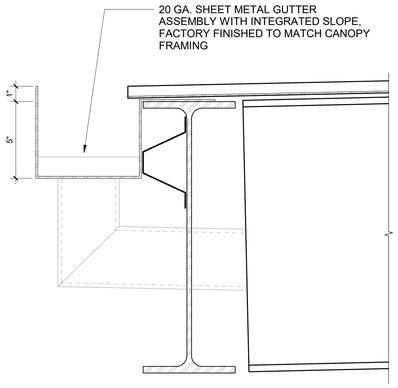
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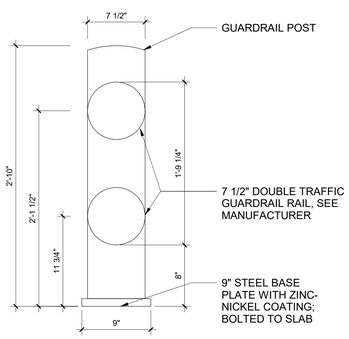
11 FLASHING BETWEEN SPRUNG STRUCTURE AND CANOPY
3" = 1'-0"



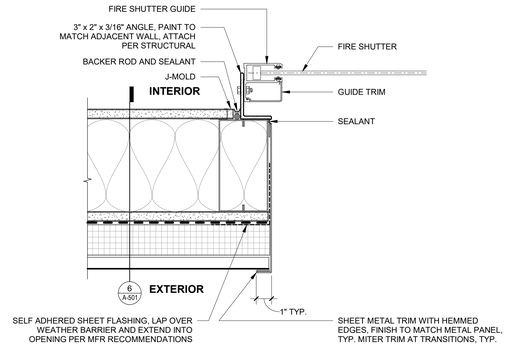
12 CANOPY ROOFING ASSEMBLY
3" = 1'-0"



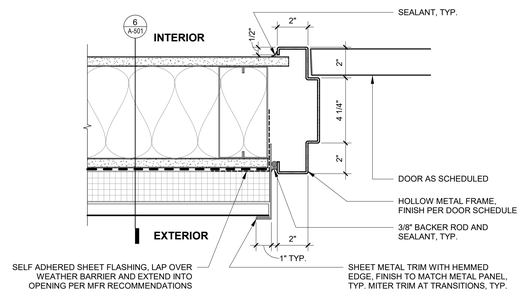
13 DOWNSPOUT ATTACHMENT
3" = 1'-0"



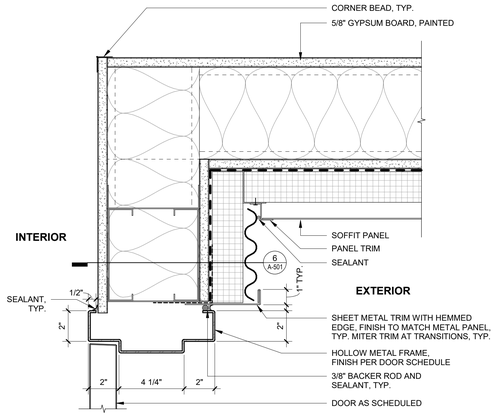
16 DOUBLE TRAFFIC GUARDRAIL
1 1/2" = 1'-0"



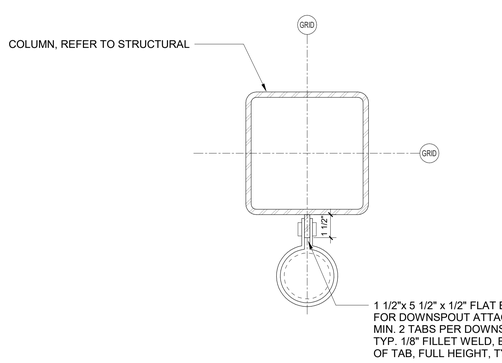
8 SHUTTER JAMB
3" = 1'-0"



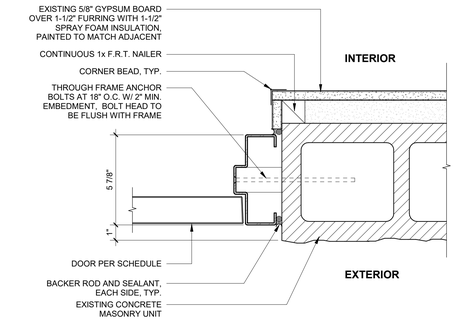
9 HM DOOR JAMB AT TEMP. EXTERIOR WALL
3" = 1'-0"



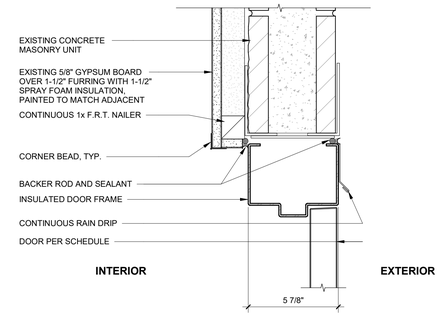
10 HM DOOR HEAD AT TEMP. EXTERIOR WALL
3" = 1'-0"



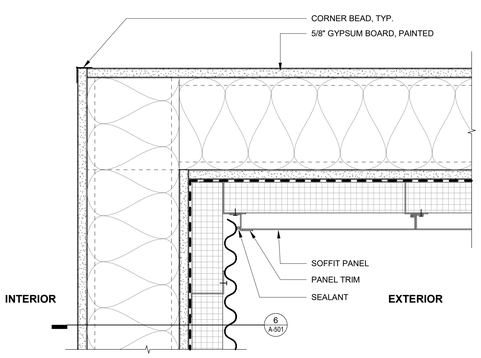
14 GUTTER PLAN CONNECTION
3" = 1'-0"



4 HM DOOR JAMB AT CMU
3" = 1'-0"

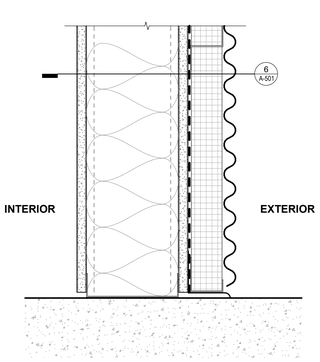


1 HM DOOR HEAD AT CMU
3" = 1'-0"

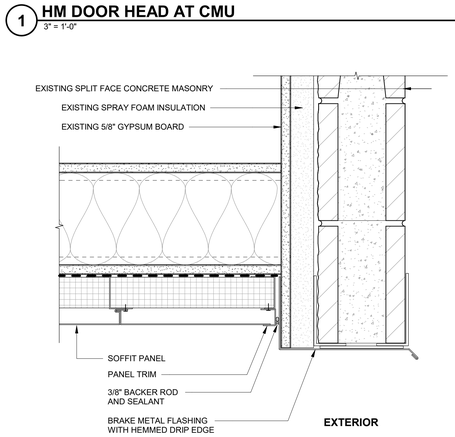


5 EXTERIOR SOFFIT AT TEMP. EXTERIOR WALL
3" = 1'-0"

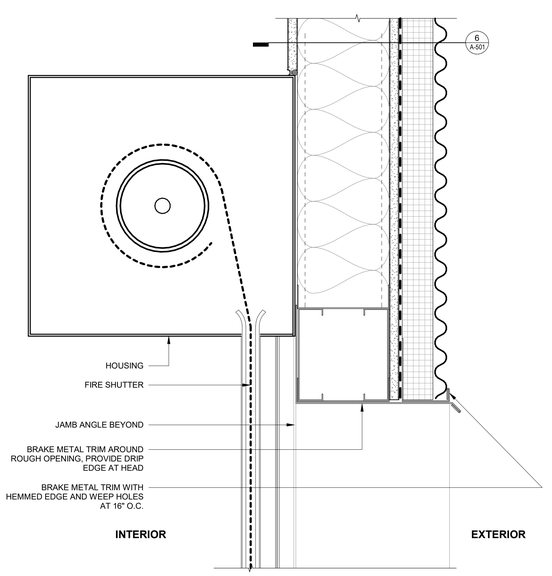
6 TEMP. EXTERIOR WALL ASSEMBLY
3" = 1'-0"



7 TEMP. EXTERIOR WALL - BASE
3" = 1'-0"



2 EXTERIOR SOFFIT AT EXISTING EXTERIOR WALL
3" = 1'-0"



3 FIRE SHUTTER HEAD AT TEMP. EXTERIOR WALL
3" = 1'-0"

Mead & Hunt

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meadhunt.com

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SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

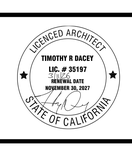
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
2	01/28/26	PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC
DO NOT SCALE DRAWINGS

SHEET CONTENTS
DETAILS



SHEET NO.:
A-501

1

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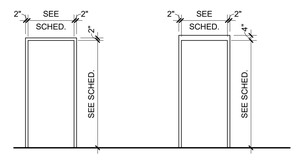
DOOR AND HARDWARE SCHEDULE

DOOR NUMBER	DOOR							FRAME					MISCELLANEOUS	REMARKS
	LEAF SIZE					GLAZING TYPE	FINISH	TYPE	MAT'L	DETAILS		FINISH	HDWR SET	
	QTY.	WIDTH	HEIGHT	TYPE	MAT'L					HEAD	JAMB			
101D.1	-	4'-0"	4'-0"	FC	ST	-	EX.	EX	ST				REFER TO BHS	EXISTING, SALVAGED AND RELOCATED FIRE SHUTTER
101E	1	3'-0"	7'-0"	F	HCI	-	PT-1	F1	HM	10/A-501	9/A-501	PT-1		
101F	(2)	3'-10"	7'-0"	F	HCI	-	PT-1	F2	HM	1/A-501	4/A-501	PT-1		
101G	(2)	3'-0"	7'-0"	HG	HCI	IN	PT-2	F1	HM	-	-	PT-2	SEE REMARKS	DOOR, FRAME AND HARDWARE BY TENSIONED FABRIC STRUCTURE MANUFACTURER
101H	(2)	3'-0"	7'-0"	HG	HCI	IN	PT-2	F1	HM	-	-	PT-2	SEE REMARKS	DOOR, FRAME AND HARDWARE BY TENSIONED FABRIC STRUCTURE MANUFACTURER
101J	(2)	3'-0"	7'-0"	HG	HCI	IN	PT-2	F1	HM	-	-	PT-2	SEE REMARKS	DOOR, FRAME AND HARDWARE BY TENSIONED FABRIC STRUCTURE MANUFACTURER
101K	-	4'-6"	5'-0"	RC	SS	-	FF	-	SS				REFER TO BHS	REFER TO BHS DRAWINGS
101L	1	3'-6"	7'-0"	HG	HCI	IN	PT-2	F1	HM	-	-	PT-2	SEE REMARKS	DOOR, FRAME AND HARDWARE BY TENSIONED FABRIC STRUCTURE MANUFACTURER

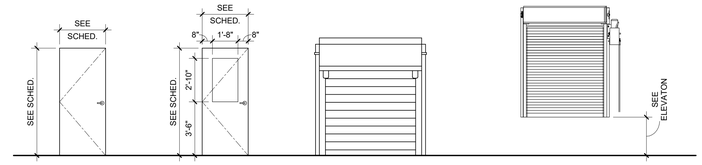
DOOR AND HARDWARE SCHEDULE ABBREVIATIONS

DOOR/FRAME MATERIALS
- AL = ALUMINUM
- EX = EXISTING
- G = GALVANIZED
- HCI = INSULATED CORE
- HM = HOLLOW METAL
- PT-1 = PAINTED TO MATCH EXISTING HM DOORS
- PT-2 = PAINTED AS SELECTED BY ARCHITECT FROM MFRS STANDARD COLORS
- RC = ROLL-UP (COILING)
- SS = STAINLESS STEEL
- ST = STEEL

GLAZING TYPES
- E = EXISTING
- IN = INSULATED
- S = SAFETY
- T = TEMPERED



FRAME TYPES
1/4" = 1'-0"



DOOR TYPES
1/4" = 1'-0"

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LICENCED ARCHITECT
TIMOTHY R DACEY
LIC. # 35197
RENEWAL DATE
NOVEMBER 30, 2027
STATE OF CALIFORNIA

SAN LUIS OBISPO COUNTY AIRPORT (SBP)
BAGGAGE SCREENING SYSTEM

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
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M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: JC
DO NOT SCALE DRAWINGS

SHEET CONTENTS
DOOR SCHEDULES

SHEET NO.:
A-601

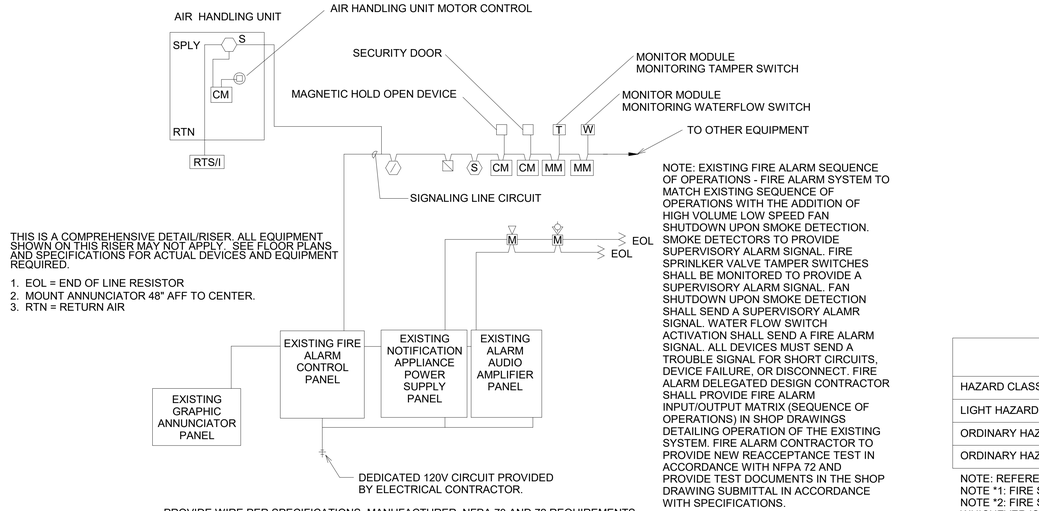
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ACOUSTICALLY DISTINGUISHABLE SPACE (ADS) TABLE

ADS #	INTERIOR NORMALLY OCCUPIED AREA	INTERIOR ABSORBATIVE FINISHES	INTERIOR NORMALLY UNOCCUPIED AREA	INTERIOR REVERBERANT FINISH OR CAVERNOUS LIKE AREA	EXTERIOR TRANSIENTLY OCCUPIED AREA	VISUAL NOTIFICATION	AUDIBLE AND VISIBLE NOTIFICATION	AUDIBILITY	VOICE INTELLIGIBILITY	NO AUDIBLE OR VISIBLE NOTIFICATION
ADS #01	X	X					X	X	X	
ADS #02	X			X			X	X		
ADS #03			X			X				
ADS #04	X	X				X				
ADS #05			X	X			X	X		
ADS #06			X	X						X
ADS #07					X		X	X	X	

GENERAL NOTE: THE INTENT OF THIS TABLE IS TO PROVIDE INFORMATION TO THE DELEGATED DESIGN CONTRACTOR FOR DESIGN INTENT. ABSORBATIVE OR REVERBERANT MATERIALS ARE NOT SPECIFICALLY IDENTIFIED BUT MAY HAVE AN IMPACT ON INTELLIGIBILITY. REVIEW ALL CONTRACT DOCUMENTS INCLUDING INTERIOR AND ARCHITECTURAL SHEETS FOR ADDITIONAL INFORMATION.

5 ACOUSTICALLY DISTINGUISHABLE SPACE TABLE
NO SCALE



THIS IS A COMPREHENSIVE DETAIL/RISER. ALL EQUIPMENT SHOWN ON THIS RISER MAY NOT APPLY. SEE FLOOR PLANS AND SPECIFICATIONS FOR ACTUAL DEVICES AND EQUIPMENT REQUIRED.

1. EOL = END OF LINE RESISTOR
2. MOUNT ANNUNCIATOR 48" AFF TO CENTER.
3. RTN = RETURN AIR

NOTE: EXISTING FIRE ALARM SEQUENCE OF OPERATIONS - FIRE ALARM SYSTEM TO MATCH EXISTING SEQUENCE OF OPERATIONS WITH THE ADDITION OF HIGH VOLUME LOW SPEED FAN SHUTDOWN UPON SMOKE DETECTION. SMOKE DETECTORS TO PROVIDE SUPERVISORY ALARM SIGNAL. FIRE SPRINLKER VALVE TAMPER SWITCHES SHALL BE MONITORED TO PROVIDE A SUPERVISORY ALARM SIGNAL. FAN SHUTDOWN UPON SMOKE DETECTION SHALL SEND A SUPERVISORY ALAMR SIGNAL. WATER FLOW SWITCH ACTIVATION SHALL SEND A FIRE ALARM SIGNAL. ALL DEVICES MUST SEND A TROUBLE SIGNAL FOR SHORT CIRCUITS, DEVICE FAILURE, OR DISCONNECT. FIRE ALARM DELEGATED DESIGN CONTRACTOR SHALL PROVIDE FIRE ALARM INPUT/OUTPUT MATRIX (SEQUENCE OF OPERATIONS) IN SHOP DRAWINGS DETAILING OPERATION OF THE EXISTING SYSTEM. FIRE ALARM CONTRACTOR TO PROVIDE NEW REACCEPTANCE TEST IN ACCORDANCE WITH NFPA 72 AND PROVIDE TEST DOCUMENTS IN THE SHOP DRAWING SUBMITTAL IN ACCORDANCE WITH SPECIFICATIONS.

PROVIDE WIRE PER SPECIFICATIONS, MANUFACTURER, NFPA 70 AND 72 REQUIREMENTS

4 FIRE ALARM CONTROL PANEL
NO SCALE

FIRE SPRINKLER DENSITY TABLE

HAZARD CLASSIFICATION	DENSITY, GPM/SQ. FT.	DESIGN AREA, SQ. FT.	HOSE ALLOWANCE, GPM
LIGHT HAZARD	0.10	1500*1	100*2
ORDINARY HAZARD GROUP 1	0.15	1500*1	250*2
ORDINARY HAZARD GROUP 2	0.20	1500*1	250*2

NOTE: REFERENCE SPECIFICATIONS AND DRAWINGS FOR REQUIRED DENSITIES OF SPECIFIC AREAS OF THE BUILDINGS.
NOTE *1: FIRE SPRINKLER DESIGN AREA SHALL BE ADJUSTED AS REQUIRED BY NFPA 13 FOR SLOPED CEILINGS.
NOTE *2: FIRE SPRINKLER SYSTEM HOSE ALLOWANCE SHALL BE IN ACCORDANCE WITH NFPA 13 OR NFPA 415 SECTION 4.5 FIRE PROTECTION WHICHEVER IS GREATEST.

3 FIRE SPRINKLER DENSITY TABLE
NO SCALE

FIRE ALARM GENERAL NOTES:

1. REFER TO THE G SERIES DRAWINGS FOR CODE ANALYSIS PLANS, INFORMATION AND NOTES.
2. EXPAND EXISTING SYSTEM TO PROVIDE COVERAGE IN THE WORK AREAS. THE CONTRACTOR SHALL COORDINATE INTERRUPTION OF SERVICE TO EXISTING SYSTEMS WITH THE OWNER. PROVIDE WRITTEN NOTICE OF INTERRUPTION OF SERVICE TO THE OWNER AT LEAST THREE BUSINESS DAYS PRIOR TO THE PLANNED INTERRUPTION.
3. COMPONENTS AND ASSEMBLIES SHALL BE UL LISTED OR FM APPROVED FOR THEIR INTENDED APPLICATION.
4. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO CONVEY OVERALL SYSTEM ARRANGEMENT AS IT PERTAINS TO THE SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING A COMPLETE FIRE ALARM SYSTEM AS INDICATED IN THE DESIGN DOCUMENTS AND THE REFERENCED STANDARDS.
5. ADDITIONAL DEVICES AND PARTS BEYOND WHAT IS SHOWN ON THESE PLANS MAY BE REQUIRED. CONTRACTOR SHALL NOT USE THESE PLANS FOR DEVICE COUNTS.
6. COORDINATE WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL TRADES. PROVIDE ALL OFFSETS TO AVOID INTERFERENCE WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, OR STRUCTURAL MEMBERS. SEE HVAC PLANS FOR SMOKE DAMPER LOCATIONS.
7. FIRE ALARM CABLES AND WIRING SHALL BE INSTALLED WITHIN METAL RACEWAYS. RACEWAYS SHALL BE CONCEALED WITHIN FINISHED AREAS. RACEWAYS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURAL ELEMENTS. JUNCTION BOXES SHALL BE PROVIDED AND CONDUCTORS SHALL BE IDENTIFIED AT EACH JUNCTION BOX. PULL BOX, ETC. WITH APPROPRIATE INFORMATION (E.G. PANEL NUMBER, CIRCUIT NUMBER, ETC.). CONNECTIONS SHALL BE MADE WITH TERMINAL CONTACTS. WIRE NUTS SHALL NOT BE PERMITTED.
8. MOUNT ALL FIRE ALARM PULL STATIONS AT 48" FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, EXCEPT WHERE OTHERWISE NOTED.
9. MOUNT ALL WALL-MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT IS MEASURED TO TOP OF DEVICE.

FIRE ALARM DEMOLITION GENERAL NOTES:

1. THE INFORMATION SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS TO ASSIST CONTRACTOR IN BIDDING. THE FIRE ALARM DRAWINGS INDICATE EXISTING FIRE ALARM ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS. REFER TO SPECIFICATION SECTION 26 05 02 FOR ADDITIONAL REQUIREMENTS.
2. DASHED WALLS ON THE FLOOR PLANS INDICATE EXISTING WALLS BEING DEMOLISHED. REFER TO THE ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF WORK REQUIRED BY THIS PROJECT. REMOVE ALL DEVICES ON DASHED WALLS NOT SHOWN ON THE CONTRACT DRAWINGS.
3. FIRE ALARM ITEMS REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER, IN A STORAGE AREA TO BE DESIGNATED BY THE OWNER. EQUIPMENT BEING REMOVED SHALL BE HANDLED SO AS NOT TO FURTHER REDUCE ITS VALUE TO THE OWNER. THE CONTRACTOR SHALL DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
4. WHERE FIRE ALARM DEVICES ARE BEING REMOVED, ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE FIRE ALARM PANEL OR JUNCTION BOX SERVING THE DEVICE SHALL ALSO BE REMOVED. UNLESS THE CONDUIT CAN BE REUSED FOR NEW FIRE ALARM CABLING. THE CONTRACTOR SHALL DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
5. ALL BOXES THAT REMAIN IN PLACE IN EXISTING MASONRY WALLS THAT ARE TO REMAIN SHALL BE PROVIDED WITH A BLANK COVERPLATE.
6. ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
7. THIS CONTRACTOR SHALL COORDINATE ALL WORK, INCLUDING PHASING WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING FIRE ALARM DEVICES AND INSTALLING NEW ITEMS.
8. EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATED EXISTING CONDUIT SHALL NOT BE ALLOWED.
9. MAINTAIN OPERATION OF THE FIRE ALARM SYSTEM IN LOCATIONS OUTSIDE OF CONSTRUCTION AREA. DEVICE AND EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE TEMPORARY CONNECTIONS PRIOR TO THE FINAL CONFIGURATION. FIRE ALARM SYSTEM OUTAGES SHALL BE COORDINATED WITH THE OWNER IN WRITING AT LEAST THREE BUSINESS DAYS PRIOR TO THE PLANNED FIRE ALARM SYSTEM OUTAGE.
10. CONTRACTOR SHALL REMOVE AND INSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF FIRE ALARM WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. CONTRACTOR SHALL REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.

FIRE ALARM SYMBOLS

FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FSS	FIRE SUPPRESSION SYSTEM PANEL
KNOX	CABINET FOR HOLDING FIRE DEPARTMENT DOCUMENTS & KEYS WITH INTEGRAL TAMPER SWITCH. KNOX BRAND # 4400 OR APPROVED EQUAL. SEE DRAWING ##.
	FIRE ALARM PULL STATION
H	FIRE ALARM HORN
S	FIRE ALARM SPEAKER
## H	FIRE ALARM HORN/STROBE, (##) IS CANDELA RATING
## S	FIRE ALARM SPEAKER/STROBE, (##) IS CANDELA RATING
S	SUPERVISED FIRE ALARM HORN LOUDSPEAKER
##	FIRE ALARM STROBE, (##) IS CANDELA RATING
B	FIRE ALARM BELL
Z	INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR
Z ER	INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR FOR ELEVATOR RECALL
Z SD	INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR FOR SMOKE DAMPER CONTROL
H	INTELLIGENT 135°F FIXED & RATE OF RISE HEAT DETECTOR (15°F/M), (20°F/M), UNLESS NOTED ON DRAWINGS
HF	HEAT DETECTOR, [190], [194] OR [200]°F FIXED TEMP 2 WIRE OPERATION. [PROVIDE ADDRESSABLE CONTROL MODULE]
HX	EXPLOSION PROOF HEAT DETECTOR, COMBINATION RATE OF RISE AND 135°F FIXED TEMPERATURE, 2-WIRE OPERATION. [PROVIDE ADDRESSABLE CONTROL MODULE.] HAZARDOUS CLASSIFICATION: [CLASS-I], [CLASS-II], [GROUP C], [GROUP D], [GROUP E], [GROUP F], AND [GROUP G].
DS	INTELLIGENT PHOTOELECTRIC DUCT SMOKE DETECTOR
CO	CARBON MONOXIDE DETECTOR
##	CEILING MOUNTED FIRE ALARM STROBE, (##) IS CANDELA RATING
##	CEILING MOUNTED FIRE ALARM SPEAKER/STROBE, (##) IS CANDELA RATING
	CEILING MOUNTED FIRE ALARM SPEAKER
##	CEILING MOUNTED FIRE ALARM HORN/STROBE, (##) IS CANDELA RATING
	CEILING MOUNTED FIRE ALARM HORN
MM	MONITOR MODULE
CM	CONTROL MODULE
IM	ISOLATOR MODULE
DH	MAGNETIC DOOR HOLDER
ES	ELECTRIC DOOR STRIKE
	FIRE FIGHTERS TELEPHONE
	FIRE FIGHTERS TELEPHONE JACK
FS	FLOW SWITCH FOR SPRINKLER SYSTEM SUPERVISORY FLOW ALARM, NORMALLY OPEN DRY CONTACTS FOR FIRE ALARM INTERFACE, FURNISHED BY MC, WIRED BY EC.
TS	MONITOR SWITCH (TAMPER SWITCH) FOR SPRINKLER SYSTEM SUPERVISORY TROUBLE NOTIFICATION, NORMALLY OPEN DRY CONTACTS FOR FIRE ALARM INTERFACE, FURNISHED BY MC, WIRED BY EC.
PE	PRESSURE SWITCH
PS	PRE-ACTION SOLENOID
RTS/I	REMOTE TEST SWITCH WITH INDICATOR
PM	POST INDICATOR SWITCH (PROVIDE ADDRESSABLE CONTROL MODULE).
HDS	ELEVATOR HOISTWAY DAMPER SWITCH
HA	HALON AUDIBLE ALARM
HP	FIRE HALON PULL STATION
HS	HALON STROBE
NAC	FIRE ALARM NOTIFICATION APPLIANCE EXTENDER PANEL

FIRE HYDRANT FLOW TEST - FIRE FLOW

DATE: 05/21/2024
TIME: 10:11 AM
LOCATION: SAN LUIS OBISPO AIRPORT
WITNESS, COMPANY: RYAN MUTHANA, PFC

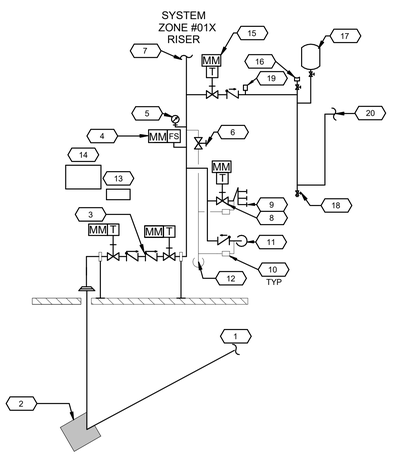
STATIC PRESSURE: 48 PSI
RESIDUAL PRESSURE: 20 PSI
FLOW RATE: 1951 GPM

NOTE: FIRE SPRINKLER DELEGATED DESIGN AND INSTALLATION CONTRACTOR SHALL CONDUCT A SEPARATE FLOW TEST IN ACCORDANCE WITH NFPA 291. THE INSTALLATING CONTRACTOR SHALL USE THE RESULTS TO DEVELOP THE HYDRAULIC CALCULATIONS TO SIZE ALL PIPING.

2 FIRE SPRINKLER AND FIRE ALARM DRAWINGS REQUIRE SEPARATE PERMIT.

RISER SCHEMATIC KEYED NOTES:

1. NEW 6" UNDERGROUND FIRE SERVICE MAIN. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
2. PROVIDE THRUST BLOCK FOR UNDERGROUND PIPING FOR TURN IN DIRECTION. DESIGN AND SIZE BLOCK SIZED IN ACCORDANCE WITH NFPA 24.
3. NEW 6" REDUCED PRESSURE ZONE BACKFLOW PREVENTION ASSEMBLY (RPZ). SHALL BE LISTED FOR INSTALLATION IN A HORIZONTAL ORIENTATION.
4. SUPERVISED WATERFLOW SWITCH
5. PRESSURE GAUGE
6. COMBINATION TEST & DRAIN VALVE WITH PRESSURE RELIEF VALVE.
7. TO WET PIPE SPRINKLER SYSTEM. PROVIDE SEISMIC BRACING OF RISER PIPING IN ACCORDANCE WITH NFPA 13.
8. PROVIDE BACKFLOW PREVENTER TEST HEADER ISOLATION VALVE SUPERVISED NORMALLY CLOSED
9. FORWARD FLOW TEST CONNECTION INSTALLED AT 48" ABOVE FINISHED GRADE. PROVIDE 2-1/2" HOSE VALVES TO PROVIDE FULL FLOW OF THE FIRE SPRINKLER SYSTEM DEMAND. ROUTE PIPING THROUGH THE EXTERIOR WALL AND SURFACE MOUNT 2-1/2" HOSE CONNECTIONS. COORDINATE PENETRATIONS WITH MEMBRANE MANUFACTURER AND SEAL IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS. PROVIDEBALL DRIP VALVE WITH PIPING CONNECTED TO MAIN DRAIN PIPING.
10. BALL DRIP VALVE
11. PROVIDE 2-1/2" SIAMESE WYE FDC SURFACE MOUNTED ON EXTERIOR WALL. INSTALL FDC AT 36" ABOVE FINISHED GRADE. PROVIDE CHECK VALVE AND BALL DRIP VALVE IN LINE WITH FDC PIPING AND CONNECT THE BALL DRIP VALVE PIPING TO THE MAIN DRAIN PIPE. MOUNT FDC TO PIPE STAND WITH PIPE CLAMPS FOR RIGIDITY.
12. 2" MAIN DRAIN ROUTED THROUGH EXTERIOR WALL. DISCHARGE DRAIN PIPE ONTO CONCRETE OR SPLASH BLOCK. INSTALL A MAXIMUM OF 18" ABOVE FINISHED GRADE. PROVIDE 30 DEGREE ELBOW TURNED DOWN ON DRAIN PIPE DISCHARGE OUTLET.
13. SPARE FIRE SPRINKLER BOX
14. LAMINATED PAPER FIRE SPRINKLER ZONE MAP
15. ANTI-FREEZE SYSTEM ISOLATION VALVE SUPERVISED NORMALLY OPEN
16. ANTI-FREEZE SYSTEM FILL CUP
17. ANTI-FREEZE SYSTEM EXPANSION TANK
18. ANTI-FREEZE SYSTEM DRAIN VALVE
19. ANTI-FREEZE SYSTEM PRESSURE RELIEF VALVE
20. TO CANOPY ANTI-FREEZE SYSTEM



NOTE: DIAGRAM IS SCHEMATIC IN NATURE. FIRE SPRINKLER CONTRACTOR TO SIZE AND INSTALL ALL REQUIRED EQUIPMENT IN ACCORDANCE WITH ALL REGULATIONS AND CONTRACT DOCUMENTS.

2 FIRE SPRINKLER RISER
NO SCALE

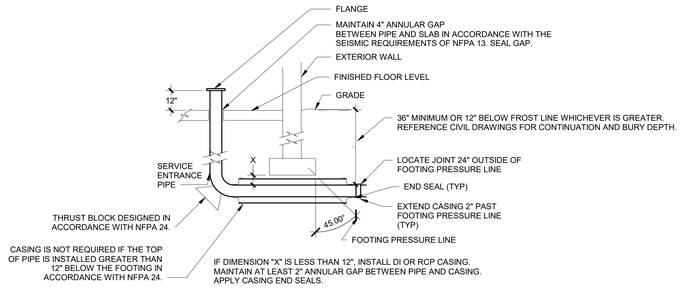


DIAGRAM IS SCHEMATIC IN NATURE. FIRE SPRINKLER CONTRACTOR TO INSTALL ALL REQUIRED EQUIPMENT IN ACCORDANCE WITH ALL REGULATIONS AND CONTRACT DOCUMENTS.

1 WATER SERVICE ENTRANCE
NO SCALE

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
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ISSUED

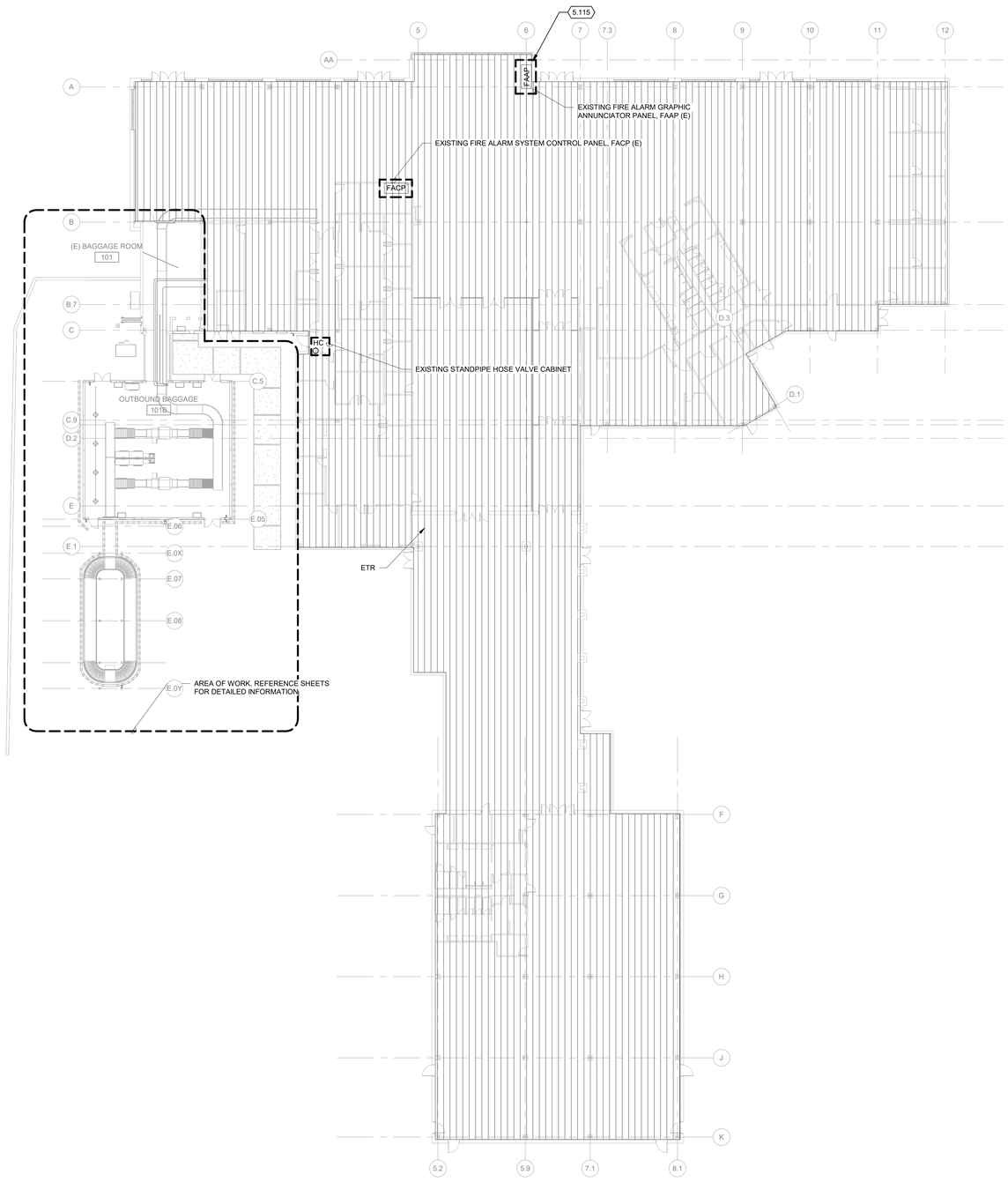
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2	01/27/26	PERMIT REVISIONS

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SHEET CONTENTS
NOTES, SYMBOLS & ABBREVIATIONS

SHEET NO.:
F-001

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1 **FIRST FLOOR OVERALL**
1" = 20'-0"

GENERAL NOTES:

1. REFER TO SHEET F-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.
2. THE MEMBRANE STRUCTURE SUPPORTS AND HANGER ATTACHMENTS ARE LIMITED TO A 300 LB POINT LOAD. SUPPORT THE FIRE SYSTEM PIPING FROM THE MEMBRANE STRUCTURE FRAME. PROVIDE MEMBRANE STRUCTURE MANUFACTURER PENDENT HANGERS AND OFFSET TYPE HANGERS TO INSTALL THE FIRE SPRINKLER SYSTEM. PROVIDE TRAPEZE HANGERS, SUSPENDED BETWEEN MANUFACTURER MEMBRANE STRUCTURE SUPPORTS UTILIZING MEMBRANE MANUFACTURER HANGERS, TO LIMIT THE POINT TO TO 300 LBS WHERE EXCEEDED. PROVIDE CALCULATIONS AND A CERTIFICATION LETTER THAT HANGER POINT LOADS DO NOT EXCEED 300 LBS WITH THE SHOP DRAWINGS.
3. ALL FIRE SPRINKLER PIPING SHALL BE SEISMICALLY BRACED IN ACCORDANCE WITH NFPA 13 TO INCLDUE BUT NOT BE LIMITED TO LATERAL, LONGITUDINAL, 4-WAY, END OF LINE RESTRAINT, BRANCH LINE RESTRAINT, PENETRATION CLEARANCE, FLEXIBLE COUPLINGS, AND FLEXIBLE SEISMIC JOINT.
4. PROVIDE EPOXY COATING OF THE EXTERIOR FIRE SPRINKLER CANOPY PIPING IN ACCORDANCE WITH DIVISION 21 SPECIFICATIONS.

KEYED NOTES

5.115 DECONSTRUCT THE EXISTING GRAPHIC ANNUNCIATOR PANEL. SHIP THE PANEL TO THE MANUFACTURER TO RECONFIGURE THE GRAPHIC ANNUNCIATOR PANEL TO SHOW A NEW UPDATED LED BACK LIT PLAN OF THE REVISED BUILDING FOOTPRINT INCLUDING THE MEMBRANE STRUCTURE AND ASSOCIATED CANOPY. PROVIDE LED BACK LIGHTING AND WIRING TO INDICATE ALL EXISTING AND NEW INITIATING DEVICE EQUIPMENT. INTERFACE NEW GRAPHIC ANNUNCIATOR PANEL AND FIRE ALARM CONTROL PANEL SO THAT WHEN AN INITIATING DEVICE SENDS AN ALARM SIGNAL THE LED ASSOCIATED WITH THAT EQUIPMENT IS LIT ON THE GRAPHIC ANNUNCIATOR PANEL FOR FIRE DEPARTMENT PERSONNEL AWARENESS.

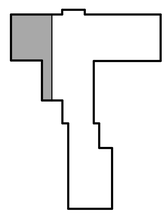
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ISSUED:
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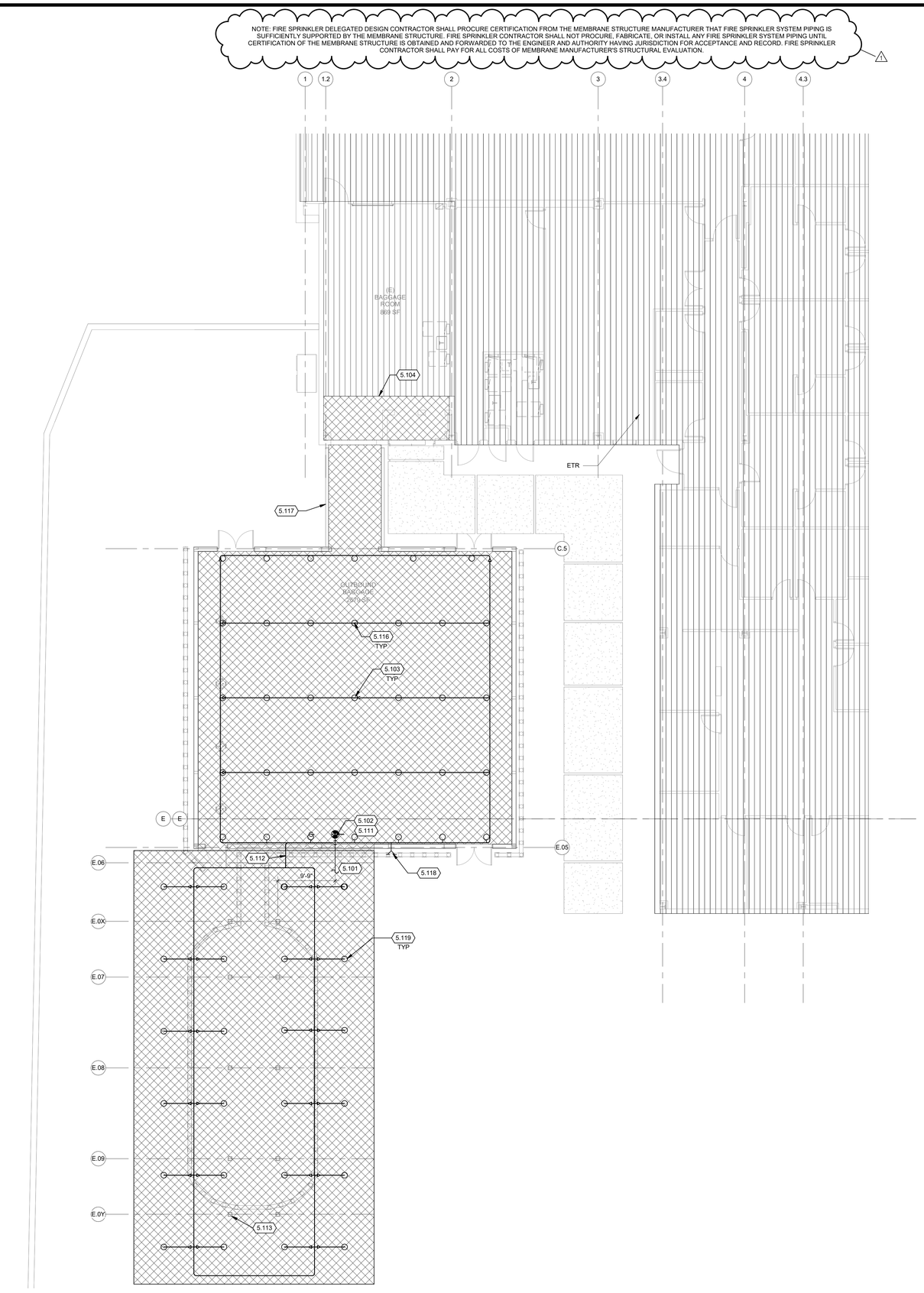
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SHEET CONTENTS
FIRST FLOOR OVERALL PLAN

SHEET NO.:
F-100

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1 **FIRE SPRINKL PLAN**
1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET F-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.
2. THE MEMBRANE STRUCTURE SUPPORTS AND HANGER ATTACHMENTS ARE LIMITED TO A 300 LB POINT LOAD. SUPPORT THE FIRE SYSTEM PIPING FROM THE MEMBRANE STRUCTURE FRAME. PROVIDE MEMBRANE STRUCTURE MANUFACTURER PENDENT HANGERS AND OFFSET TYPE HANGERS TO INSTALL THE FIRE SPRINKLER SYSTEM. PROVIDE TRAPEZE HANGERS, SUSPENDED BETWEEN MANUFACTURER MEMBRANE STRUCTURE SUPPORTS UTILIZING MEMBRANE MANUFACTURER HANGERS, TO LIMIT THE POINT TO TO 300 LBS WHERE EXCEEDED. PROVIDE CALCULATIONS AND A CERTIFICATION LETTER THAT HANGER POINT LOADS DO NOT EXCEED 300 LBS WITH THE SHOP DRAWINGS.
3. ALL FIRE SPRINKLER PIPING SHALL BE SEISMICALLY BRACED IN ACCORDANCE WITH NFPA 13 TO INCLDUE BUT NOT BE LIMITED TO LATERAL, LONGITUDINAL, 4-WAY, END OF LINE RESTRAINT, BRANCH LINE RESTRAINT, PENETRATION CLEARANCE, FLEXIBLE COUPLINGS, AND FLEXIBLE SEISMIC JOINT.
4. PROVIDE EPOXY COATING OF THE EXTERIOR FIRE SPRINKLER CANOPY PIPING IN ACCORDANCE WITH DIVISION 21 SPECIFICATIONS.

SEISMIC DESIGN GENERAL NOTES:

1. INSTALL FLEXIBLE COUPLINGS WITHIN 24 IN. OF THE TOP AND BOTTOM OF ALL FIRE SPRINKLER SYSTEM RISERS.

2. INSTALL FLEXIBLE COUPLINGS WITHIN 12 IN. ABOVE AND WITHIN 24 IN. BELOW THE FLOOR PENETRATIONS IN MULTISTORY BUILDINGS.

3. INSTALL FLEXIBLE COUPLINGS ON BOTH SIDES OF A CONCRETE OR MASONRY WALLS WITHIN 1 FT OF THE WALL SURFACE, UNLESS CLEARANCE IS PROVIDED AROUND THE ASSEMBLY IN ACCORDANCE WITH NFPA 13.

4. INSTALL FLEXIBLE COUPLINGS WITHIN 24 IN. OF BUILDING EXPANSION JOINTS.

5. INSTALL FLEXIBLE COUPLINGS WITHIN 24 IN OF THE TOP OF DROPS EXCEEDING 15 FT IN LENGTH TO PORTIONS OF SYSTEMS SUPPLYING MORE THAN ONE SPRINKLER, REGARDLESS OF PIPE SIZE.

6. INSTALL FLEXIBLE COUPLINGS FOR DROPS TO HOSE LINES, RACK SPRINKLERS, MEZZANINES, AND FREE SANDING STRUCTURES IN ACCORDANCE WITH FOLLOWING:

6a. WITHIN 24 IN OF THE TOP OF THE DROP

6b. WITHIN 24 IN. ABOVE THE UPPERMOST DROP SUPPORT ATTACHMENT, WHERE THE DROP SUPPORTS ARE PROVIDED TO THE STRUCTURE, RACK, OR MEZZANINE. 3. WITHIN 24 IN. ABOVE THE BOTTOM OF THE DROP WHERE NO ADDITIONAL DROP SUPPORT IS PROVIDED.

7. AN APPROVED SEISMIC SEPARATION ASSEMBLY SHALL BE INSTALLED WHERE SPRINKLER PIPING, REGARDLESS OF SIZE, CROSSES BUILDING SEISMIC SEPARATION JOINTS AT GROUND LEVEL AND ABOVE. INSTALL A FOUR-WAY BRACE UPSTREAM AND DOWNSTREAM WITHIN 6 FT OF THE SEISMIC SEPARATION ASSEMBLY.

8. CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS, AND FOUNDATIONS, INCLUDING DRAINS, FIRE DEPARTMENT CONNECTIONS, AND OTHER AUXILIARY PIPING IN ACCORDANCE WITH NFPA 13.

9. INSTALL ALL REQUIRED SEISMIC BRACING TO RESIST BOTH LATERAL AND LONGITUDINAL HORIZONTAL SEISMIC LOADS AND TO PREVENT VERTICAL MOTION RESULTING FROM SEISMIC LOADS. LATERAL SWAY BRACING SHALL BE PROVIDED ON ALL FEED AND CROSS MAINS REGARDLESS OF SIZE AND ALL BRANCH LINES AND OTHER PIPING WITH A DIAMETER OF 2 1/2" IN AND LARGER. WHERE BRANCH LINES ARE NOT PROVIDED WITH LATERAL SWAY BRACING, THEY SHALL BE PROVIDED WITH BRANCH LINE RESTRAINT IN ACCORDANCE WITH NFPA 13.

10. PROVIDE SEISMIC BRACING WITHIN THE 6 FEET OF THE END OF A CROSS MAIN OR FEED MAIN.

11. INSTALL A LONGITUDINAL AND LATERAL SWAY BRACE AT EACH PIPE CHANGE IN DIRECTION.

12. INSTALL END-OF-LINE BRANCH LINE RESTRAINT IN ACCORDANCE WITH NFPA 13.

13. ALL SEISMIC BRACING SHALL BE INSPECTED IN ACCORDANCE WITH THE SHOP DRAWINGS PRIOR TO THE BREAKAWAY TORQUE BOLTS BEING BROKEN OFF. CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THAT ALL BREAKAWAY BOLTS HAVE BEEN REMOVED BY EXCEEDING THE FAILURE TORQUE OF THE BOLT. BREAKAWAY BOLTS SHALL NOT BE CUT OFF.

14. PROVIDE SEISMIC CALCULATIONS IN ACCORDANCE WITH NFPA 13 AND SPECIFICATION REQUIREMENTS.

KEYED NOTES

5.101 NEW 6" FIRE SPRINKLER SERVICE ENTRANCE. REFERENCE CIVIL DRAWING SHEET C-401 FOR CONTINUATION. INSTALL FIRE SERVICE ENTRANCE PIPING AND STUB UP INTO THE BUILDING TO AVOID THE GRADE BEAM. REFERENCE STRUCTURAL DRAWING GRADE BEAM SCHEDULES FOR GRADE BEAM DIMENSIONS AND INSTALL ENTRANCE PIPING A MINIMUM OF 12" PAST THE INTERIOR EDGE OF THE GRADE BEAM.

5.102 NEW FIRE SPRINKLER(S) SYSTEM RISER AT THIS LOCATION.

5.103 PROVIDE FIRE SPRINKLER AT THE PEAK OF THE MEMBRANE STRUCTURE.

5.104 MODIFY EXISTING FIRE SPRINKLER SYSTEM NEAR THIS AREA TO ACCOUNT FOR RECONFIGURED AREA.

5.111 PROVIDE SEISMIC BRACING AT THE TOP OF THE FIRE SPRINKLER RISER IN ACCORDANCE WITH NFPA 13. SECURE BRACE TO SUPPLEMENTAL STEEL SUPPORTS. SEE DETAIL 45 ON SHEET S-502.

5.112 PROVIDE SEISMIC EXPANSION LOOP NEAR THIS LOCATION NEAR THE SEISMIC SEPARATION BETWEEN THE CANOPY AND THE MEMBRANE STRUCTURE. SEE DETAIL 34 ON SHEET S-502 FOR SUPPLEMENTAL STEEL SUPPORT POINT.

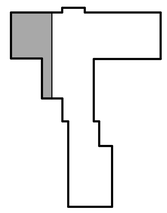
5.113 PROVIDE AUXILIARY TEST DRAIN FOR ANTI-FREEZE SYSTEM. PROVIDE QUANTITY OF TEST DRAINS IN ACCORDANCE WITH THE ANTI-FREEZE LISTING AND NFPA 13.

5.116 PROVIDE A SWING JOINT AT THE TOP OF THE MEMBRANE STRUCTURE TO CONNECT FIRE SPRINKLER SYSTEM BRANCH LINES.

5.117 PROVIDE SPRINKLER PIPING FROM THE MEMBRANE STRUCTURE OVERHEAD SYSTEM TO PROTECT THE MEMBRANE STRUCTURE CONNECTION TO THE EXISTING BUILDING.

5.118 NEW FIRE DEPARTMENT CONNECTION. SEAL PENETRATION IN ACCORDANCE WITH SPECIFICATIONS AND MEMBRANE MANUFACTURER REQUIREMENTS. MOUNT FDC A MINIMUM 36" ABOVE FINISHED GRADE. ENSURE NO OBSTRUCTION WITH BAGGAGE HANDLING SYSTEM GUARD RAIL ON SHEET QB-503.

5.119 THE CANOPY CONSTRUCTION IS CONSIDERED OBSTRUCTED CONSTRUCTION IN ACCORDANCE WITH NFPA 13. PROVIDE FIRE SPRINKLER DEFLECTORS AT AN ELEVATION IN ACCORDANCE WITH THE OBSTRUCTED CONSTRUCTION RULES TO PREVENT OBSTRUCTION TO THE FIRE SPRINKLER DISCHARGE. PROVIDE FIRE SPRINKLER HEAD GUARDS ON ALL CANOPY FIRE SPRINKLERS.



KEY PLAN

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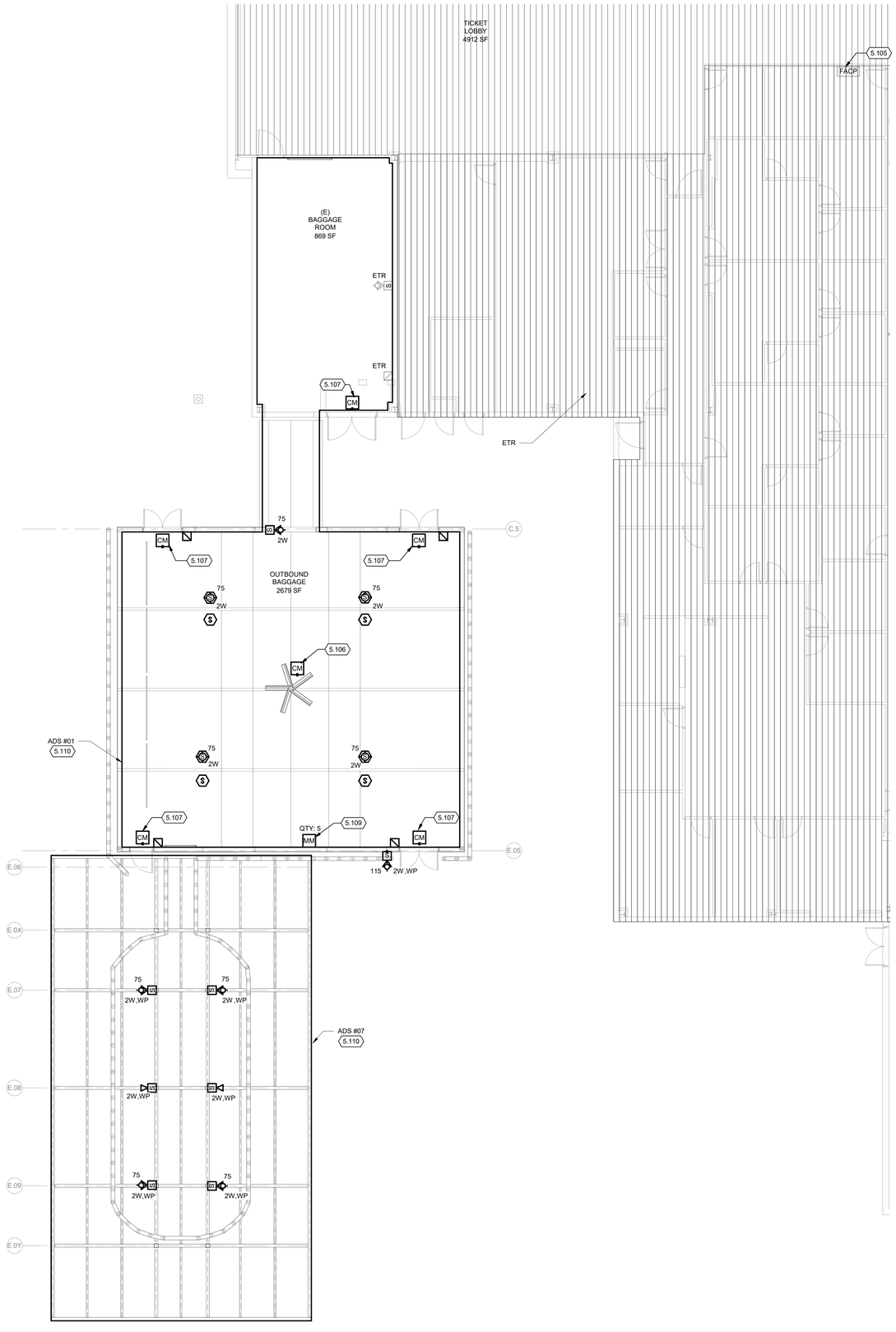
SHEET CONTENTS
FIRST FLOOR FIRE SPRINKLER PLAN

SHEET NO.:
F-102

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GENERAL NOTES:

1. REFER TO SHEET F-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.



1 **FIRE ALARM PLAN**
1/8" = 1'-0"

KEYED NOTES

5.105 EXISTING FIRE ALARM CONTROL PANEL NEAR THIS LOCATION. MODIFY EXISTING FIRE ALARM CONTROL PANEL TO EXTEND EXISTING CIRCUITS AND CONDUIT TO NEW MEMBRANE STRUCTURE NOTIFICATION APPLIANCES. PROVIDE NEW DEDICATED CIRCUITS FOR THE MEMBRANE STRUCTURE.

5.106 PROVIDE CONTROL MODULE TO SHUT DOWN HIGH VOLUME LOW SPEED FAN NEAR THIS LOCATION UPON SMOKE DETECTION AND FIRE SPRINKLER SYSTEM WATER FLOW.

5.107 PROVIDE CONTROL MODULE AND INTEGRATE SYSTEM COMPONENT WITH SECURE DOOR HARDWARE TO RELEASE THE SECURE DOOR UPON GENERAL FIRE ALARM SIGNAL.

5.109 PROVIDE MONITOR MODULES TO SUPERVISE FIRE SPRINKLER SYSTEM EQUIPMENT. REFERENCE THE DETAILS SHEET FOR QUANTITY AND LOCATION. COORDINATE WITH FIRE SPRINKLER CONTRACTOR INSTALLATION OF EQUIPMENT.

5.110 REFERENCE DETAIL SHEET FOR ACOUSTICALLY DISTINGUISHABLE SPACE (ADS) SCHEDULE.

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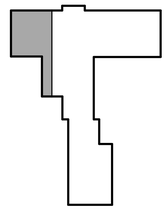
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SHEET CONTENTS
FIRST FLOOR FIRE ALARM PLAN

SHEET NO.:
F-141

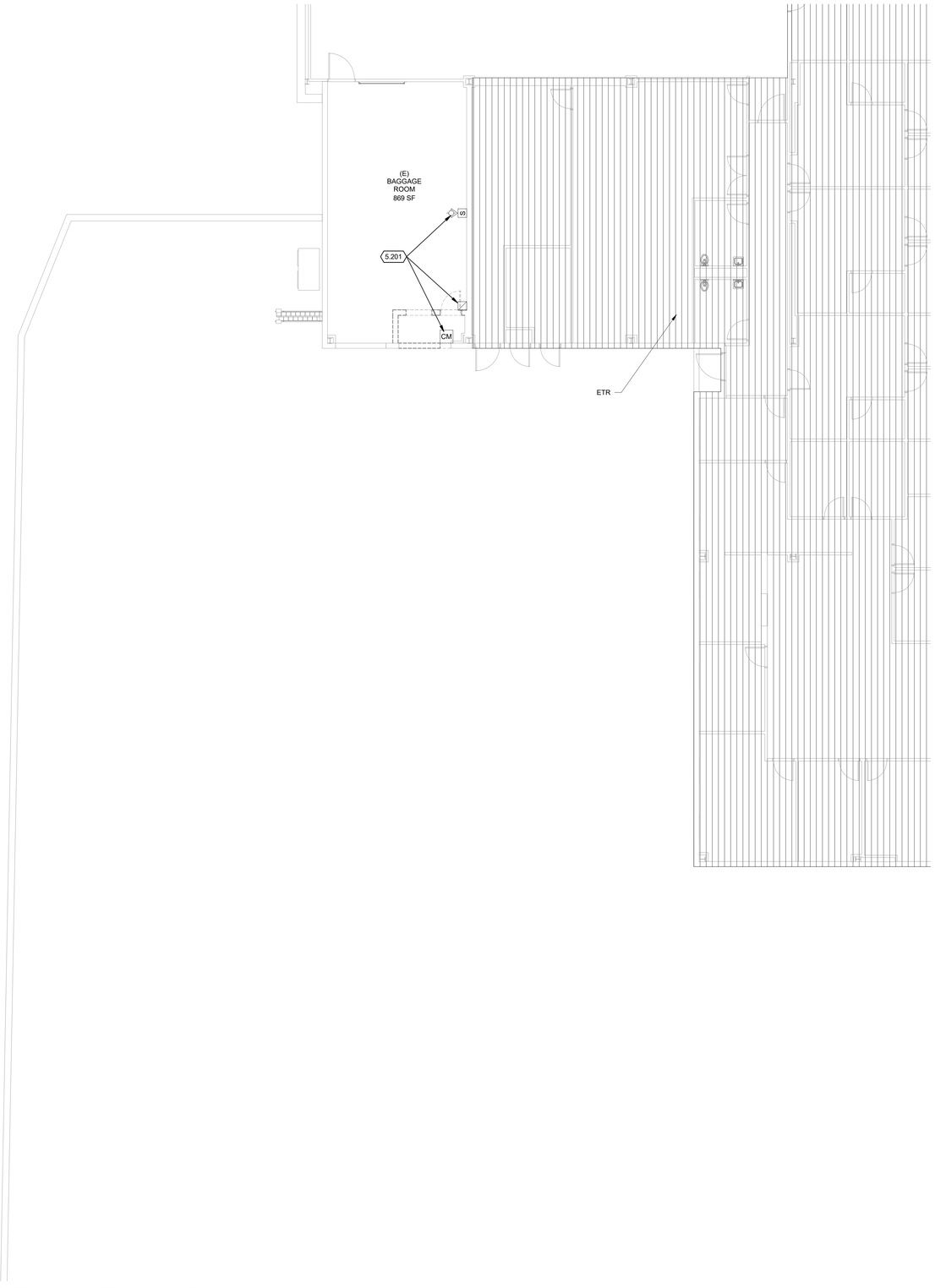
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GENERAL NOTES:

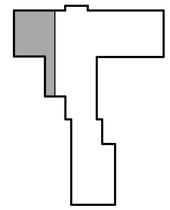
1. REFER TO SHEET F-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.

KEYED NOTES

5.201 MODIFY EXISTING SYSTEM COMPONENTS AS INDICATED ON THE DRAWINGS. RELOCATE EXISTING EQUIPMENT TO NEW AREAS INDICATED ON THE DRAWINGS OR AS REQUIRED WITHIN GENERAL AREA TO PREVENT ALL FIELD CONFLICTS DURING THE TEMPORARY PHASE OF CONSTRUCTION.



1 **FIRE ALARM TEMPORARY PLAN**
1/8" = 1'-0"



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FIRST FLOOR TEMPORARY FIRE ALARM PLAN

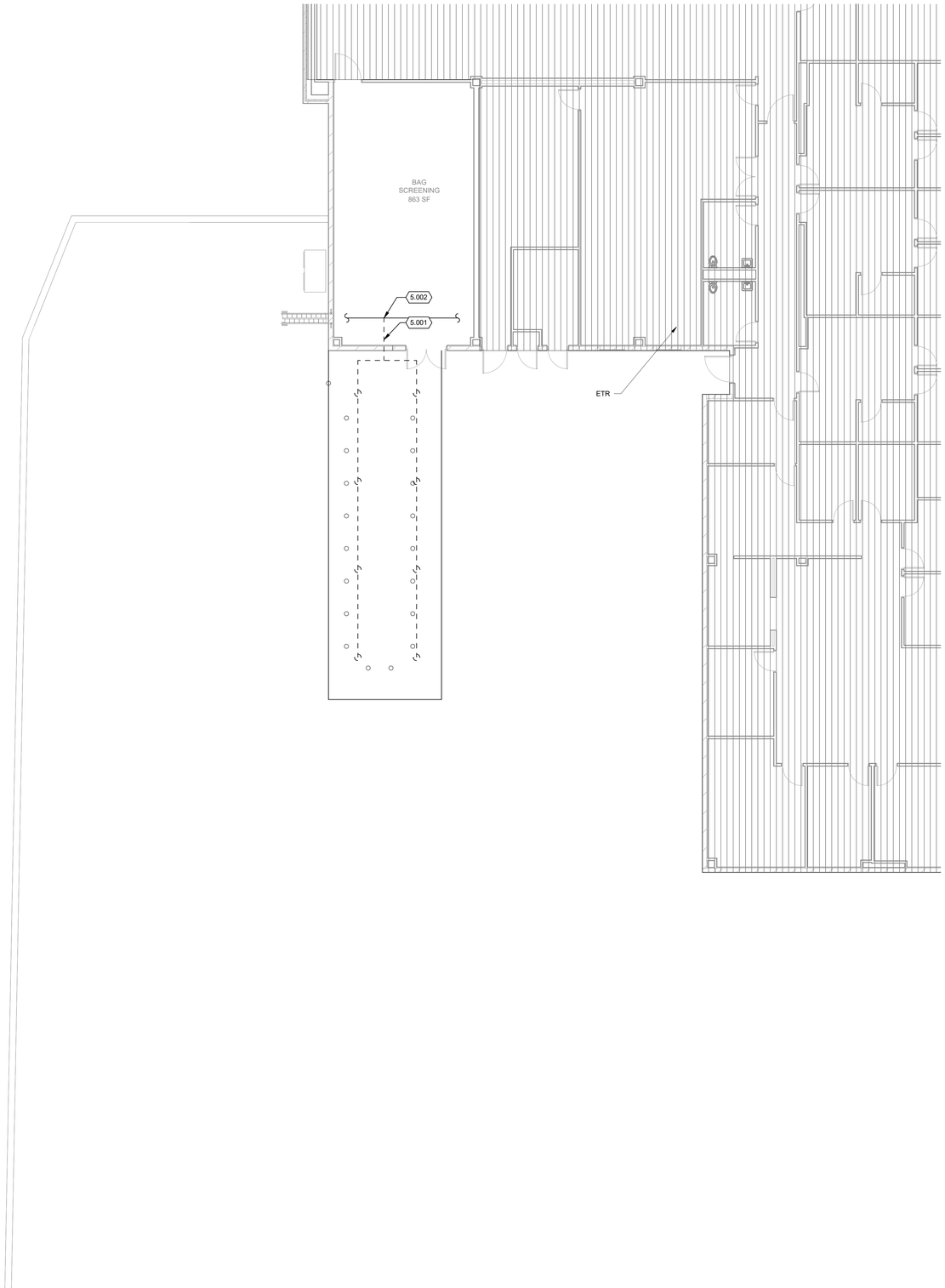
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KEYED NOTES

5.001 DEMOLISH EXISTING FIRE SPRINKLER PIPING SUPPORTED FROM THE EXISTING CANOPY. DECONSTRUCT THE EXISTING CONNECTIONS SUPPORTING THE EXISTING SEISMIC EXPANSION LOOP FITTING. SALVAGE FITTING FOR FUTURE CONSTRUCTION PHASE.

5.002 PROVIDE GROOVED CAP WHERE THE EXISTING PIPING SUPPLYING THE CANOPY BRANCH LINES HAS BEEN DEMOLISHED.



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FIRST FLOOR FIRE SPRINKLER DEMOLITION PLAN

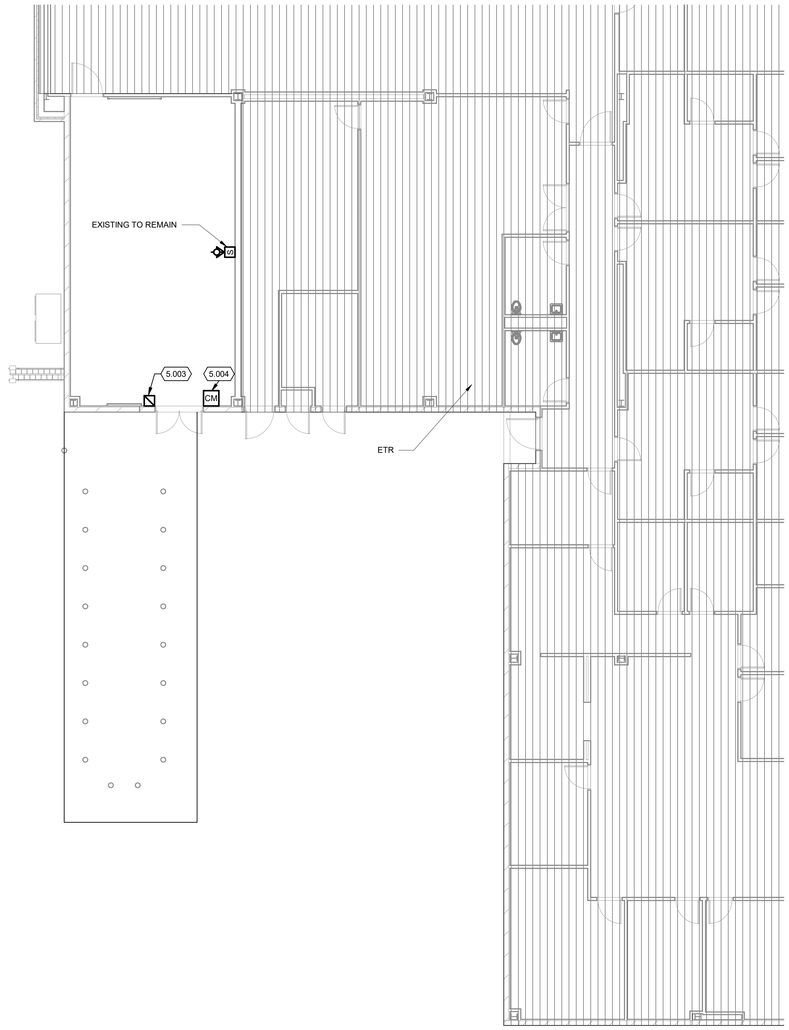
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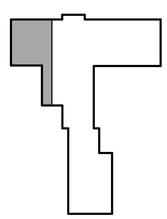
KEYED NOTES

5.003 DECONSTRUCT THE EXISTING CONDUIT, FITTINGS, AND CIRCUITS TO THE EXISTING PULL STATION. RELOCATE THE EXISTING PULL STATION TO WITHIN 5 FEET OF THE NEW EXIT DOOR FOR THE TEMPORARY PHASE OF CONSTRUCTION. PROGRAM AND PERFORM REACCEPTANCE TESTING OF THE FIRE ALARM SYSTEM FOR THE TEMPORARY PHASE OF CONSTRUCTION IN ACCORDANCE WITH NFPA 72.

5.004 DECONSTRUCT THE EXISTING CONDUIT, FITTINGS, AND CIRCUITS TO THE EXISTING CONTROL MODULE EQUIPMENT THAT IS INTEGRATED TO RELEASE THE SECURE DOORS ON FIRE ALARM. RELOCATE AND REINSTALL THE EXISTING EQUIPMENT FOR THE NEW SECURE DOOR. PROGRAM AND PERFORM REACCEPTANCE TESTING OF THE FIRE ALARM SYSTEM FOR THE TEMPORARY PHASE OF CONSTRUCTION IN ACCORDANCE WITH NFPA 72.



1 **FIRST FLOOR LIGHTING DEMO PLAN**
1/8" = 1'-0"



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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT

M&H NO.: 1943000-222814.02
DATE: July 3, 2024
DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: DJR
DO NOT SCALE DRAWINGS.

SHEET CONTENTS
FIRST FLOOR FIRE ALARM DEMOLITION PLAN

SHEET NO.:
FD141

12/7/2026 3:37:39 PM C:\Revit Local\222814.02-FP-R24_Dakota.RothYM8EB.rvt

HVAC SYMBOLS

- AIRFLOW (SUPPLY/OUTSIDE AIR)
- AIRFLOW (RETURN/EXHAUST)
- DG — DOOR GRILLE
- SUPPLY OR OUTDOOR AIR
- RETURN OR TRANSFER
- EXHAUST
- SUPPLY DUCT TURNED AWAY
- SUPPLY DUCT TURNED TOWARD
- 12x12 — RECTANGLE DUCT SIZE (FIRST FIGURE IS SIDE SHOWN)
- 12ø — ROUND DUCT (RIGID)
- 12/12ø — OVAL DUCT (FIRST FIGURE IS SIDE SHOWN)
- DUCT (FLEXIBLE ROUND)
- TURNING VANES
- TRANSITION (SQUARE-TO-ROUND)
- S — SMOKE DETECTOR
- SECURITY BARS
- BD — BACKDRAFT DAMPER
- VOLUME DAMPER
- AD, FD — FIRE DAMPER & ACCESS DOOR
- AD, SD — SMOKE DAMPER & ACCESS DOOR
- AD, FSD — COMBINATION FIRE/SMOKE DAMPER & ACCESS DOOR
- MOD — MOTOR OPERATED CONTROL DAMPER
- AP — CEILING MOUNTED ACCESS PANEL
- XX-Y / 100 — AIR OUTLET/INLET TYPE (CFM)
- AFMS-X — AIR FLOW MEASURING STATION

MECHANICAL PIPING

- A — COMPRESSED AIR
- BFW — BOILER FEED WATER
- BSD — BOILER SURFACE BLOW DOWN
- BBD — BOILER BOTTOM BLOW DOWN
- CF — CHEMICAL FEED
- CHWS — CHILLED WATER SUPPLY
- CHWR — CHILLED WATER RETURN
- CWS — CONDENSER WATER SUPPLY
- CWR — CONDENSER WATER RETURN
- CD — CONDENSATE DRAIN
- GWS — GLYCOL WATER SUPPLY
- GWR — GLYCOL WATER RETURN
- HPCR — HIGH PRESSURE CONDENSATE RETURN
- HPS — HIGH PRESSURE STEAM
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- IWS — ICE WATER SUPPLY
- IWR — ICE WATER RETURN
- LP — LIQUID PETROLEUM
- LPS — LOW PRESSURE STEAM
- LPCR — LOW PRESSURE CONDENSATE RETURN
- MPS — MEDIUM PRESSURE STEAM
- MPCR — MEDIUM PRESSURE CONDENSATE RETURN
- G — NATURAL GAS
- PCR — PUMPED CONDENSATE RETURN
- RL — REFRIGERANT LIQUID
- RS — REFRIGERANT SUCTION
- RHG — REFRIGERANT HOT GAS
- SV — STEAM RELIEF VENT
- TWS — TOWER WATER SUPPLY
- TWR — TOWER WATER RETURN
- VAC — VACUUM

PIPING SYMBOLS

- PIPE TURNED TOWARD
- PIPE TURNED AWAY
- PIPE TEE TURNED AWAY
- PIPE TEE TURNED TOWARD
- FLEXIBLE CONNECTOR
- UNION
- FLANGES
- REDUCER (CONCENTRIC)
- REDUCER (ECCENTRIC)
- PIPE CAP/CLEAN OUT
- PIPE PLUG
- FLUID FLOW DIRECTION
- PG — PIPE GUIDE
- PA — PIPE ANCHOR
- PITCH — PIPE PITCH DIRECTION
- PRESSURE GAUGE
- THERMOMETER
- WATER HAMMER ARRESTOR
- AV — AIR VENT (AUTO)
- MV — AIR VENT (MANUAL)
- AUTOMATIC CONTROL VALVE (2-WAY)
- AUTOMATIC CONTROL VALVE (3-WAY)
- BALL VALVE
- BALANCING VALVE
- BUTTERFLY VALVE
- BACKFLOW PREVENTION VALVE
- CHECK VALVE
- EQUIPMENT DRAIN VALVE
- FILTER
- FLOW MEASUREMENT STATION
- GATE VALVE
- GAUGE CONNECTION (TEST PLUG)
- GLOBE ANGLE VALVE
- GLOBE VALVE
- ISOLATION/SHUT-OFF/MANUAL VALVE
- PLUG VALVE
- PRESSURE REDUCING VALVE
- PRESSURE REGULATING VALVE
- RELIEF VALVE
- STEAM TRAP
- S — SOLENOID VALVE ONE-WAY (ELECTRIC)
- STRAINER
- STRAINER WITH BLOW OFF VALVE AND NIPPLE
- VACUUM BREAKER
- PUMP
- FS — FLOW SENSOR
- LS — LEVEL SENSOR
- PS — PRESSURE SENSOR
- TS — TEMPERATURE SENSOR

GENERAL SYMBOLS

- CO — CARBON MONOXIDE (CO) SENSOR
- CO2 — CARBON DIOXIDE (CO2) SENSOR
- DP — DIFFERENTIAL PRESSURE SENSOR
- NO2 — NITROGEN DIOXIDE (NO2) SENSOR
- RS — ROOM SENSOR
- SP — STATIC PRESSURE SENSOR
- H — HUMIDISTAT
- TS — TEMPERATURE SENSOR
- T — THERMOSTAT
- T — INSULATED BASE THERMOSTAT
- $ — SWITCH
- NEW CONNECTION TO EXISTING
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- NEW TO BE INSTALLED

GENERAL MECHANICAL NOTES

1. THE MECHANICAL CONTRACTOR SHALL EXAMINE ALL CONTRACT DOCUMENTS AND IS REQUIRED TO DO ALL WORK WHICH IS SHOWN ON THE DRAWINGS, STATED IN THE SPECIFICATIONS, OR REASONABLY IMPLIED AS NECESSARY TO COMPLETE THEIR DIVISION OF WORK FOR THIS PROJECT REGARDLESS OF WHERE IN THE CONTRACT DOCUMENTS THE WORK IS REPRESENTED. MECHANICAL CONTRACTOR TO COORDINATE WORK WITH ALL OTHER TRADES. ALL OTHER TRADE DOCUMENTS ARE TO BE CONSIDERED PART OF THIS CONTRACTORS DOCUMENTS WITH RESPECT TO COORDINATION OF WORK BETWEEN TRADES OF WORK.
2. ABBREVIATIONS AND SYMBOLS INDICATED HERE AND NOT USED IN THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT. ADDITIONAL ABBREVIATIONS MAY BE INDICATED IN THE CONTRACT DOCUMENTS.
3. THESE DRAWINGS ARE DESIGN DRAWINGS AND ARE DIAGRAMMATIC, THEY MAY NOT SHOW ALL PHYSICAL ARRANGEMENTS, OFFSETS, BENDS, OR ELBOWS WHICH MAY BE REQUIRED FOR PROPER INSTALLATION OF VARIOUS MATERIALS, EQUIPMENT, PIPING AND DUCTWORK SYSTEMS IN ALLOTTED SPACES. EXAMINE THESE AND OTHER AVAILABLE DRAWINGS TO DETERMINE SPACE LIMITATIONS AND INTERFERENCES. MAKE ANY MINOR CHANGES IN LOCATIONS OF EQUIPMENT, PIPING, AND DUCTWORK FROM THAT SHOWN ON DRAWINGS AND FOR ALL PHYSICAL DETAILS REQUIRED FOR INSTALLATION. COST FOR ADAPTING WORK TO JOB SITE CONDITIONS SHALL NOT BE CONSIDERED AS BASIS OF AN EXTRA COST TO CONTRACT.
4. ELEVATION OF PIPING AND DUCTWORK INDICATED ON THESE DRAWINGS ARE TO BE USED AS GUIDELINES TO ASSIST WITH INSTALLATIONS. MINOR CHANGES TO THESE ELEVATIONS MAY BE NECESSARY TO ELIMINATE UNFORESEEN INTERFERENCES. ANY CHANGE IN ELEVATION SHALL BE APPROVED PRIOR TO CHANGE.
5. ANY AND ALL INFORMATION SHOWN ON THESE DRAWINGS WITH RESPECT TO EXISTING STRUCTURES, UTILITIES, AND MECHANICAL SYSTEMS, IS AS EXACT AS COULD BE SECURED. THE INFORMATION IS NOT WARRANTED NOR GUARANTEED ACCURATE, FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK.
6. ACCURATE AND LEGIBLE AS-BUILT DRAWING MARKUPS SHALL BE MAINTAINED AT THE JOB SITE, AND BE SUBMITTED PRIOR TO FINAL PAYMENT FOR THE CREATION OF FINAL RECORD DRAWINGS.
7. ALL NEW AND EXISTING ROOFING SYSTEMS SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
8. TEMPORARILY PATCH ALL ROOF OPENINGS WATERTIGHT UNTIL FINAL CLOSURE CAN BE MADE.
9. VERIFY ALL EQUIPMENT LOCATIONS AND PIPE AND DUCT ROUTING WITH OWNER PRIOR TO INSTALLATION.
10. SEQUENCE OF WORK AND/OR PLACE OF COMMENCEMENT OF WORK SHALL BE APPROVED PRIOR TO WORK BEING STARTED. SCHEDULED SHUTDOWNS SHALL BE CLOSELY COORDINATED WITH EXISTING OPERATIONS.
11. MAINTAIN 3'-0" CLEAR HORIZONTALLY IN FRONT OF ALL ELECTRICAL EQUIPMENT.
12. COORDINATE POWER REQUIREMENTS FOR ALL POWER TO MECHANICAL EQUIPMENT INCLUDING CONTROL SYSTEM WITH ELECTRICAL CONTRACTOR AND INSURE ALL COSTS ASSOCIATED WITH SUCH ARE INCLUDED IN THE PROJECT BID COST. PROVIDE ELECTRICAL POWER, TRANSFORMERS, RELAYS, ETC. AS NECESSARY TO ALL HVAC AND MECHANICAL CONTROLS.
13. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES ON ALL EQUIPMENT.

AIR CONDITIONING DESIGN DATA SCHEDULE

DESIGN AREA	SUMMER				WINTER			REMARKS
	OUTSIDE		INSIDE		OUTSIDE	INSIDE		
	°F (DB)	°F (WB)	°F (DB)	% HUMID	°F (DB)	°F (DB)	% HUMID	
OCCUPIED ROOMS	84.3	63.2	76.0	-	34.0	68.0	-	

ABBREVIATIONS

A	AMPS
AB	AIR BLOWDOWN
ABI	ALTERNATE BID ITEM
AC	DUCTLESS SPLIT SYSTEM
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDENSING UNIT
ACH	AIR COOLED CHILLER
ACOMP	AIR COMPRESSOR
ACU	AIR CONDITIONING UNIT
ACV	AUTOMATIC CONTROL VALVE
AD	AIR DROP
AF	AIR FILTER OR AIR FOIL
AFC	AFTER COOLER
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AMD	AIR MIXING DEVICE
ANG	AIR NATIONAL GUARD
APPROX	APPROXIMATELY
AS	AIR SEPARATOR
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AT	AIR TERMINAL
AWC	ABSORPTION CHILLER
BAS	BUILDING AUTOMATION SYSTEM
BC	BOOSTER COIL
BH	BOOSTER HUMIDIFIER
BHP	BRAKE HORSEPOWER
BHR	CONTINUOUS BLOWDOWN HEAT RECOVERY SYSTEM
BI	BACKWARD INCLINED
BLD	BOILER BLOWDOWN SEPARATOR
BPD	BACKFLOW PREVENTION DEVICE
BRS	BRASS
BRZ/BZ	BRONZE
BS	BLACK (MILD) STEEL
BSB	BRANCH SELECTOR BOX
BT	BUFFER TANK
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BW	BUTTWELD
C	CONVECTOR
CA	COMBUSTION AIR
CAD	COMPRESSED AIR DRYER
CAF	COMPRESSED AIR FILTER
CC	COOLING COIL OR CONTROLS CONTRACTOR
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
COMP	COMPRESSOR
COND	CONDENSATE
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
CRP	CONDENSATE RETURN PUMP
CS	CENTRIFUGAL SEPARATOR
CT	COOLING TOWER
CTCLG	CLOSE TO CEILING
CTCLM	CLOSE TO COLUMN
CTW	CLOSE TO WALL
CU	COPPER
CUH	CABINET UNIT HEATER
DAC	DOOR AIR CURTAIN
DBA	DECIBELS, BAND A
DC	DUST COLLECTOR
DCVA	DOUBLE CHECK VALVE ASSEMBLY BPD
DDC	DIRECT DIGITAL CONTROL
DDH	DESICCANT DEHUMIDIFIER
DEMO	DEMOLISH
DF	DESTRATIFICATION FAN
DFD	DIVISION OF FACILITIES DEVELOPMENT
DIA	DIAMETER
DIM	DIMENSION
DISCH	DISCHARGE
DMPR	DAMPER
DN	DOWN
DOD	DEPARTMENT OF DEFENSE
DRC	DRY COOLER
DWG	DRAWING
DX	DIRECT EXPANSION
E	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EBH	ELECTRIC BASEBOARD HEATER
EC	EVAPORATIVE COOLER OR ELECTRICAL CONTRACTOR
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EFF	EFFICIENCY
EFT	ENTERING FLUID TEMPERATURE
EG	EXHAUST GRILLE
EGLY	ETHYLENE GLYCOL
EHC	ELECTRIC HEATING COIL
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC
EOM	END OF MAIN
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
ERV	AIR-TO-AIR HEAT EXCHANGER
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EWH	ELECTRIC WALL HEATER
EWT	ENTERING WATER TEMPERATURE
°F	FAHRENHEIT
FAF	FORCED AIR FURNACE
FC	FLUID COOLER
FCU	FAN COIL UNIT
FE	FUME EXTRACTOR
FLA	FULL LOAD AMPS
FLR	FLOOR
FM	FLOW METER
FOP	FUEL OIL PUMP
FPM	FEET PER MINUTE
FRP	FIBERGLASS REINFORCED PLASTIC
FT	FLASH TANK OR FEET
FTC	FINNED TUBE CONVECTOR
FTWC	FEET WATER COLUMN PRESSURE
GA	GAUGE
GAL	GALLON
GC	GENERAL CONTRACTOR
GFT	GLYCOL FILL TANK
GPM	GALLONS PER MINUTE
GS	GALVANIZED STEEL
H	HEIGHT
HB	HUMIDIFICATION BOILER
HC	HEATING COIL
HD	HEAD (FT)
HDB	HYDROSTATIC DESIGN BASIS
HP	HEAT PUMP OR HORSEPOWER
HPC	ERV HEAT PUMP COIL
HR	HOSE REEL
HRW	ROTARY AIR-TO-AIR EXCHANGER
HUM	HUMIDIFIER
HVLS	HIGH VOLUME LOW SPEED
HWB	HOT WATER BOILER
HX	FLUID HEAT EXCHANGER
HZ	HERTZ
IAW	IN ACCORDANCE WITH
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IFGC	INTERNATIONAL FUEL GAS CODE
IH	INTAKE HOOD
IN	INCH
INHG	INCHES MERCURY PRESSURE
INWC	INCHES WATER COLUMN PRESSURE
IR	INFRARED HEATER
KH	KITCHEN HOOD
KW	KILOWATT
L	LOUVER OR LENGTH
LAT	LEAVING AIR TEMPERATURE
LB	POUNDS
LD	LINEAR DIFFUSER
LFT	LEAVING FLUID TEMPERATURE
LPG	LIQUIFIED PETROLEUM GAS
LS	LEVEL SWITCH
LWT	LEAVING WATER TEMPERATURE
MADP	MAXIMUM ALLOWABLE DIFFERENTIAL PRESSURE
MAU	MAKE-UP AIR UNIT
MAWP	MAXIMUM ALLOWABLE WORKING PRESSURE
MAX	MAXIMUM
MBH	THOUSANDS BTU'S PER HOUR
MC	MECHANICAL CONTRACTOR OR MECHANICAL COUPLING
MCA	MINIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MFR	MANUFACTURER
MIN	MINIMUM
MMBH	MILLION BTU PER HOUR
MOCP	MINIMUM OVER CURRENT PROTECTION
MSS	MANUFACTURERS STANDARDIZATION SOCIETY
MTL	MATERIAL
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NH	NO-HUB
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM	NOMINAL
NPSH	NET POSITIVE SUCTION HEAD
NPSHA	NPSH AVAILABLE
NPSHR	NPSH REQUIRED
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OED	OPEN ENDED DUCT
P	HYDRONIC PUMP OR PRESSURE
PC	PLUMBING CONTRACTOR
PCP	PRESSURE POWERED CONDENSATE PUMP
PD	PRESSURE DROP/DIFFERENTIAL
PG	PROPYLENE GLYCOL
PH	PHASE
PPH	POUND PER HOUR
PROP	PROPELLER
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSID	PSI DIFFERENTIAL
PSIG	PSI GAGE
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PTHP	PACKAGED TERMINAL HEAT PUMP
PVC	POLYVINYL CHLORIDE
RA	RETURN AIR
RCP	RADIANT CEILING PANEL
RDH	REFRIGERATED DEHUMIDIFIER
RG	RETURN GRILLE
RH	RELIEF HOOD
RPM	REVOLUTIONS PER MINUTE
RTD	RESISTIVE THERMAL DEVICE
RTU	ROOF TOP UNIT
RZ	RADIANT FLOOR HEATING ZONE
SA	SUPPLY AIR
SAD	SOUND ATTENUATING DEVICE
SB	SECURITY BARRIER
SCFM	STANDARD CFM
SCH	SCHEDULE
SD	SLOT DIFFUSER/SOLDER
SF	STEAM FILTER OR SUPPLY FAN
SG	SUPPLY GRILLE
SHT	SHEET
SMLS	SEAMLESS
SMS	SNOW MELTING SYSTEM DISTRIBUTION MANIFOLD
SP	STATIC PRESSURE
SPEC	SPECIFICATIONS
SQ	SQUARE
SRV	SAFETY RELIEF VALVE
SS	STAINLESS STEEL
ST	STEAM TRAP
STD	STANDARD
STL	STEEL
SV	SOLVENT WELD
SW	SOCKET WELD
T	TEMPERATURE
TA	TRANSFER AIR
TCP	TEMPERATURE CONTROL PANEL
TDH	TOTAL DEVELOPED HEAD
TDS	TOTAL DISSOLVED SOLIDS
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TH	THREADED
TMC	TECHNOLOGY MANAGEMENT CENTER
TMV	THERMOSTATIC MIXING VALVE
TONR	TONS COOLING
TYP	TYPICAL
UC	UNIT COOLER
UFC	UNIFIED FACILITIES CRITERIA
UGD	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR OR ULTRAVIOLET
V	VOLTS
VA	VENT AIR
VER	VEHICLE EXHAUST REEL
VFD	VARIABLE FREQUENCY DRIVE
VI	VIBRATION ISOLATORS
VLV	VALVE
VRF	VARIABLE REFRIGERANT FLOW
W	WATTS OR WIDTH
WC	WATER COLUMN
WCC	WATER COOLED CONDENSER
WCH	WATER COOLED CHILLER
WF	WATER FILTER
WIV	WATER INLET VALVE
WHA	WATER HAMMER ARRESTOR

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 Airport Dr, San Luis Obispo, CA 93401

ISSUED

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2	01/28/26	PERMIT REVISIONS

M&H NO.: 222814.02
DATE: September 30, 2025
DESIGNED BY: KMK
DRAWN BY: KMK
CHECKED BY: ADK

DO NOT SCALE DRAWINGS

SHEET CONTENTS
NOTES, SYMBOLS AND ABBREVIATIONS

PROFESSIONAL ENGINEER — AARON D. KOOTI — M 39091 — MECHANICAL — STATE OF CALIFORNIA
1-27-2026

SHEET NO.:
M-001

1/27/2026 2:07:52 PM C:\Revit Local\222814.02-M-R24_kristoff krush.rvt

GENERAL HVAC NOTES

1. INLET DUCT SIZE TO AIR TERMINAL DEVICES SHALL BE SAME AS INLET SIZE UNLESS OTHERWISE NOTED. IF RUNOUT TO AIR TERMINAL BOX IS GREATER THAN 6 FEET IN LENGTH, SIZE RUNOUT ONE EVEN INCREMENT SIZE LARGER (MINIMUM 2" LARGER) UNLESS OTHERWISE NOTED TO WITHIN 3 FEET OF BOX BEFORE REDUCING TO BOX INLET SIZE.
2. DUCTWORK DOWNSTREAM OF AIR TERMINAL BOXES TO BE INTERNALLY LINED FOR A MINIMUM OF 6'-0" FOR SOUND ATTENUATION. OUTLET DUCT SIZES TO MATCH AIR TERMINAL BOX OUTLET UNLESS NOTED OTHERWISE.
3. PROVIDE MANUAL BALANCE DAMPER AT EACH DIFFUSER, GRILLE, AND BRANCH TAKE-OFF IN ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK EXCEPT KITCHEN GREASE EXHAUST DUCT. LOCATE BALANCE DAMPER AS CLOSE TO BRANCH TAKE-OFF AS POSSIBLE.
4. DUCT SIZE TO DIFFUSERS, REGISTERS, AND GRILLES SHALL BE SAME AS NECK SIZE UNLESS NOTED OR DETAILED OTHERWISE.
5. COORDINATE DIFFUSER, REGISTER, AND GRILLE LOCATIONS WITH REFLECTED CEILING PLAN.
6. PROVIDE FLEXIBLE DUCTWORK FOR FINAL CONNECTIONS TO SUPPLY AIR DIFFUSERS UNLESS NOTED OTHERWISE ON DRAWINGS OR IN SPECIFICATIONS. FLEXIBLE DUCT SIZE SHALL BE SAME AS NECK SIZE OF DIFFUSER AND SHALL NOT EXCEED 5 FEET IN LENGTH.
7. PROVIDE PLENUM RATED INSULATION AND WIRING IN RETURN AIR CEILING PLENUM. MATERIALS WITHIN PLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME AND SMOKE SPREAD INDEX OF NOT MORE THAN 25/50 WHEN TESTED IN ACCORDANCE WITH ASTM E84.

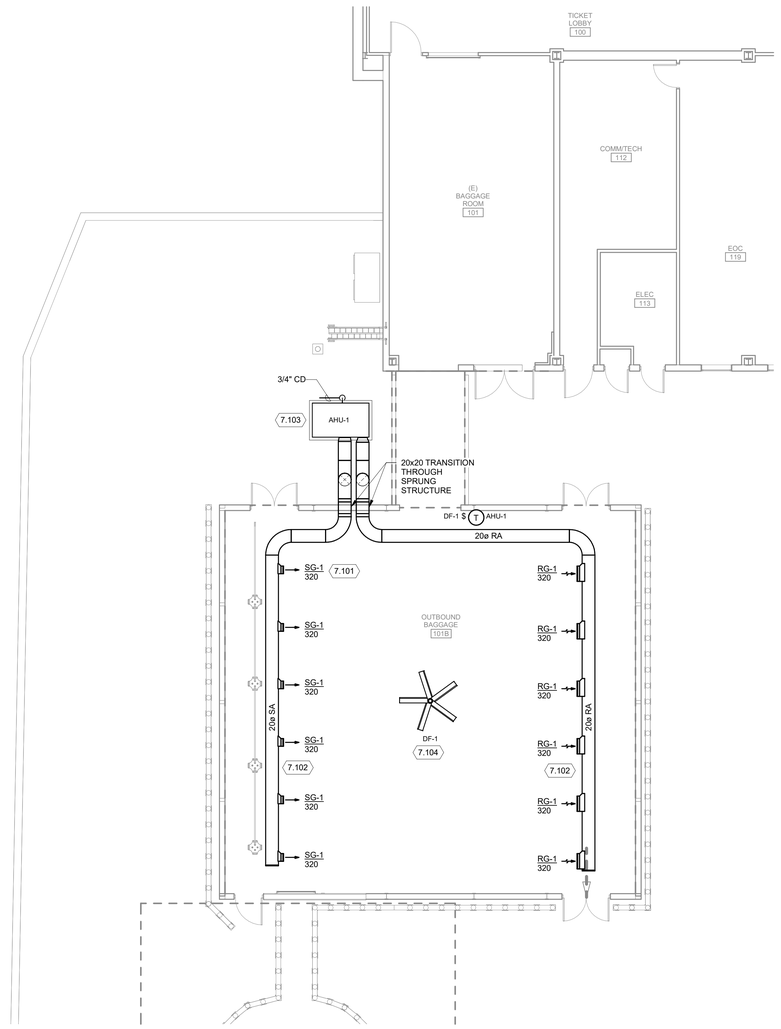
KEYED NOTES

7.101 ANGLE SG-1 (TYP). SEE DETAIL 3 ON M-501.

7.102 FOR DUCT SEISMIC SUPPORTS AND BRACING SEE DETAIL 1 ON M-502.

7.103 FOR EQUIPMENT SEISMIC SUPPORTS AND BRACING SEE DETAIL 2 ON M-502.

7.104 FOR DF SEISMIC SUPPORTS AND BRACING SEE DETAIL 3 ON M-502.



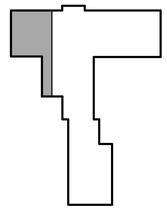
1 **FIRST FLOOR HVAC PLAN**
1/8" = 1'-0"

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1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS



KEY PLAN

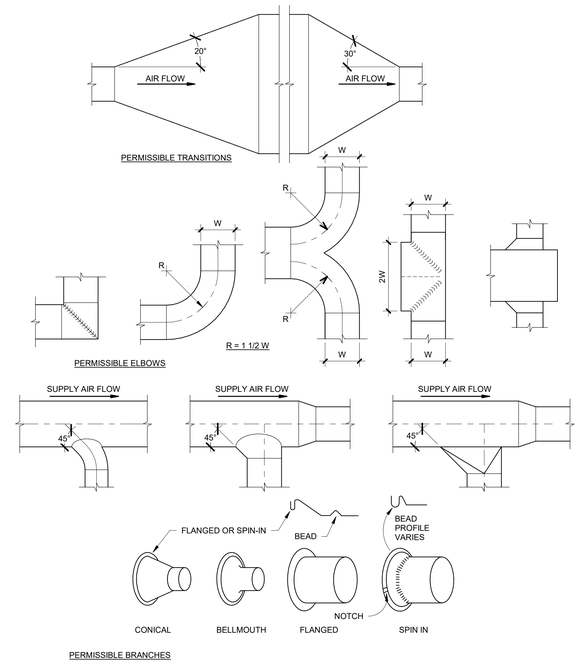
PROFESSIONAL ENGINEER
AARON D. KOCH
M 39091
MECHANICAL
STATE OF CALIFORNIA
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SHEET CONTENTS
FIRST FLOOR HVAC PLAN

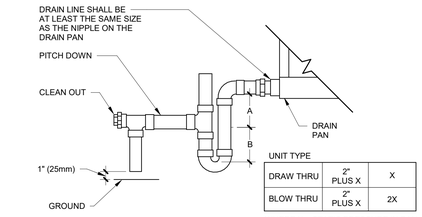
SHEET NO.:
M-101

1/27/2026 2:07:52 PM C:\Revit Local\222814.02-M-R24_kristloff.knuth.rvt



NOTE: FOR OTHER FITTINGS AND CONNECTIONS FOUND ON DRAWINGS, CONSTRUCT PER SMACNA.

1 TYPICAL DUCT TRANSITIONS AND FITTINGS
NO SCALE

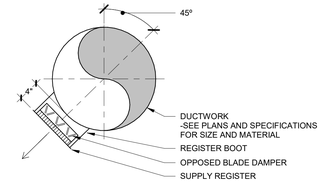


UNIT TYPE

DRAW THRU	2" PLUS X	X
BLOW THRU	2" PLUS X	2X

WHERE X = STATIC PRESSURE IN PAN

2 CONDENSATE DRAIN TRAP
NO SCALE



3 ANGLED SUPPLY REGISTER
NO SCALE

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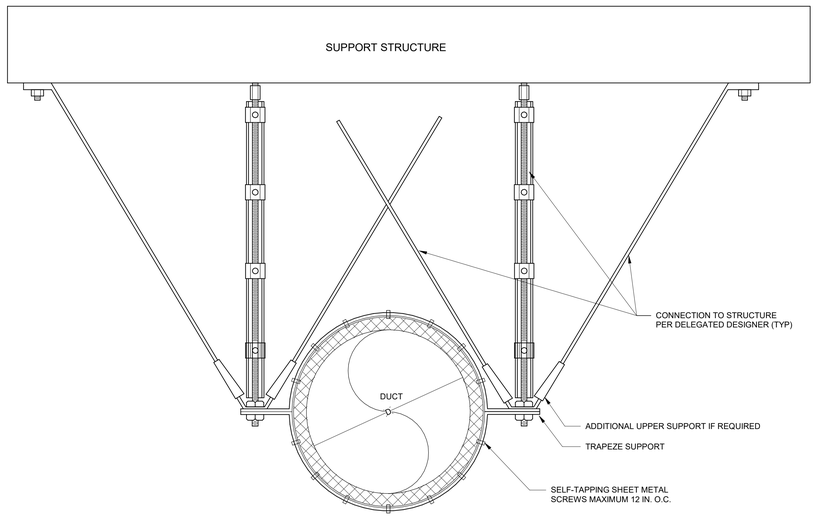
M&H NO.: 222814.02
DATE: September 30, 2025
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SHEET CONTENTS
MECHANICAL DETAILS

SHEET NO.:
M-501

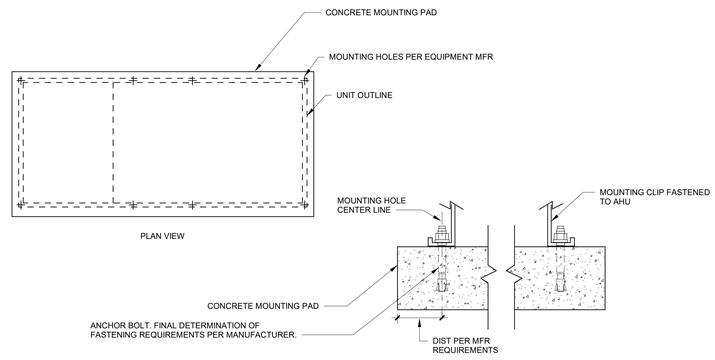
PROFESSIONAL ENGINEER
AARON D. KNUTH
M 39091
MECHANICAL
STATE OF CALIFORNIA
1-27-2026

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NOTE: A ROD STIFFENER ANGLE MAY BE REQUIRED AS SHOWN.
BRACE ANGLE RATIO MAY BE INCREASED TO 2 (VERT.) : 1 (HORIZ.)

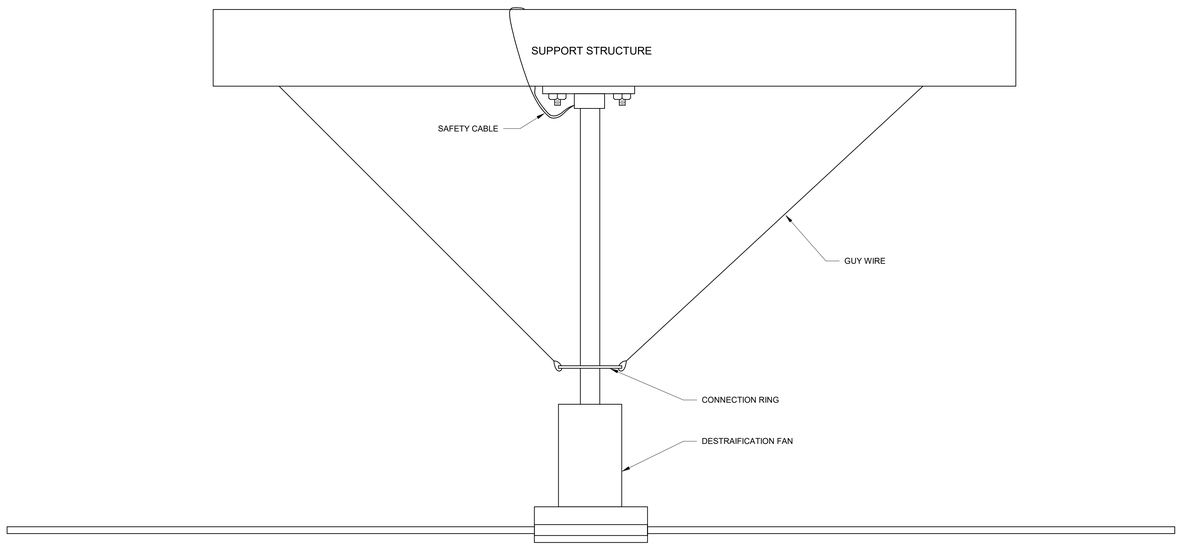
1 ALL-DIRECTIONAL SEISMIC CABLE BRACE FOR ROUND DUCT
NO SCALE



2 TYPICAL PAD SEISMIC MOUNTING DETAIL
NO SCALE

GENERAL SEISMIC NOTES

1. DETAILS SHOWN ON THIS SHEET ARE PRELIMINARY. ALL DETAILS SHALL BE VERIFIED OR REPLACED BY THE REGISTERED ENGINEER.
2. CONTRACTOR SHALL OBTAIN SERVICES OF AN ENGINEER REGISTERED AND LICENSED IN STATE OF CALIFORNIA TO DESIGN SEISMIC RESTRAINT SYSTEMS AND METHODS OF ANCHORAGE PER THE LOCATION AND CRITERIA OF THIS PROJECT.
3. SEISMIC-RESTRAINT LOADING PERFORMANCE REQUIREMENTS:
   A. SITE CLASS AS DEFINED IN THE IBC: SEE STRUCTURAL DRAWINGS
   B. SEISMIC DESIGN CATEGORY: SEE STRUCTURAL DRAWINGS
   C. COMPONENT IMPORTANCE FACTOR: SEE STRUCTURAL DRAWINGS
   D. COMPONENT RESPONSE MODIFICATION FACTOR: SEE STRUCTURAL DRAWINGS
   E. COMPONENT AMPLIFICATION FACTOR: SEE STRUCTURAL DRAWINGS
   F. DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS (0.2 SECOND): SEE STRUCTURAL DRAWINGS
   G. DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD: SEE STRUCTURAL DRAWINGS
4. SEISMIC RESTRAINT LAYOUT(S) MUST BE REVIEWED AND APPROVED BY THE PIPING DESIGN ENGINEER
5. QUALITY ASSURANCE
   A. TESTING AGENCY QUALIFICATIONS: AN INDEPENDENT AGENCY, WITH THE EXPERIENCE AND CAPABILITY TO CONDUCT THE TESTING INDICATED, THAT IS A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) AS DEFINED BY OSHA IN 29 CFR 1910.7, AND THAT IS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
   B. COMPLY WITH SEISMIC-RESTRAINT REQUIREMENTS IN THE IBC UNLESS REQUIREMENTS IN THIS SECTION ARE MORE STRINGENT.
   C. SEISMIC-RESTRAINT DEVICES SHALL HAVE HORIZONTAL AND VERTICAL LOAD TESTING AND ANALYSIS AND SHALL BEAR ANCHORAGE APPROVAL FROM AHJ, PREAPPROVAL BY ICC-ES, OR PREAPPROVAL BY ANOTHER AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, SHOWING MAXIMUM SEISMIC-RESTRAINT RATINGS. RATINGS BASED ON INDEPENDENT TESTING ARE PREFERRED TO RATINGS BASED ON CALCULATIONS. IF PREAPPROVED RATINGS ARE NOT AVAILABLE, SUBMITTALS BASED ON INDEPENDENT TESTING ARE PREFERRED. CALCULATIONS (INCLUDING COMBINING SHEAR AND TENSILE LOADS) TO SUPPORT SEISMIC-RESTRAINT DESIGNS MUST BE SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER.
6. SEISMIC-RESTRAINT DEVICES
   A. COORDINATE SPECIFICATIONS FOR SEISMIC-RESTRAINT COMPONENTS IN THIS ARTICLE WITH STRUCTURAL ENGINEER AND WITH DRAWINGS.
   B. INSTALL SYSTEM COMPONENTS PER MANUFACTURER RECOMMENDATIONS WHERE APPLICABLE.
   C. SUPPORT SYSTEM: SHOP- OR FIELD-FABRICATED SUPPORT ASSEMBLY MADE OF STEEL WITH ACCESSORIES FOR ATTACHMENT TO BRACED COMPONENT AT ONE END AND TO BUILDING STRUCTURE AT THE OTHER END AND OTHER MATCHING COMPONENTS AND WITH CORROSION-RESISTANT COATING; AND RATED IN TENSION, COMPRESSION, AND TORSION FORCES.
   D. BUSHINGS FOR FLOOR-MOUNTED EQUIPMENT ANCHOR BOLTS: NEOPRENE BUSHINGS DESIGNED FOR RIGID EQUIPMENT MOUNTINGS AND MATCHED TO TYPE AND SIZE OF ANCHOR BOLTS AND STUDS.
   E. RESILIENT ISOLATION WASHERS AND BUSHINGS: ONE-PIECE, MOLDED, OIL- AND WATER-RESISTANT NEOPRENE, WITH A FLAT WASHER FACE.
   F. MECHANICAL ANCHOR BOLTS: SELECT ANCHOR BOLTS WITH STRENGTH REQUIRED FOR ANCHOR AND AS TESTED ACCORDING TO ASTM E 488.
   G. MINIMUM ROD DIAMETER FOR SINGLE RIGID ROD HANGERS SHALL FOLLOW MSS SP-58 REQUIREMENTS
7. SEISMIC-RESTRAINT DEVICE
   A. IF A DESIRED INSTALLATION METHOD VARIES FROM THE DETAILS PROVIDED BY THE DELEGATED DESIGNER, THE INSTALLER MUST OBTAIN DELEGATED DESIGNER APPROVAL PRIOR TO INSTALLATION.
   B. EQUIPMENT RESTRAINTS:
      a. SEISMIC ENGINEER AND INSTALLER SHALL COORDINATE WITH EQUIPMENT MANUFACTURER TO DETERMINE ANCHOR BOLT SIZES FOR HYDRONIC PUMPS, CHILLERS, BOILERS, AND FLUID COOLERS.
      b. INSTALL SEISMIC SNUBBERS ON HVAC EQUIPMENT MOUNTED ON VIBRATION ISOLATORS. LOCATE SNUBBERS AS CLOSE AS POSSIBLE TO VIBRATION ISOLATORS AND BOLT TO EQUIPMENT BASE AND SUPPORTING STRUCTURE.
      c. INSTALL RESILIENT BOLT ISOLATION WASHERS ON EQUIPMENT ANCHOR BOLTS WHERE CLEARANCE BETWEEN ANCHOR AND ADJACENT SURFACE EXCEEDS 0.125 INCH.
   C. IF CABLES ARE USED, INSTALL SO THEY DO NOT BEND ACROSS EDGES OF ADJACENT EQUIPMENT OR BUILDING STRUCTURE.
   D. INSTALL SEISMIC-RESTRAINT DEVICES USING METHODS APPROVED BY AN AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION PROVIDING REQUIRED SUBMITTALS FOR COMPONENT.
   E. INSTALL BUSHING ASSEMBLIES FOR ANCHOR BOLTS FOR FLOOR-MOUNTED EQUIPMENT, ARRANGED TO PROVIDE RESILIENT MEDIA BETWEEN ANCHOR BOLT AND MOUNTING HOLE IN CONCRETE BASE.
   F. ATTACHMENT TO STRUCTURE: IF SPECIFIC ATTACHMENT IS NOT INDICATED, ANCHOR BRACING TO STRUCTURE AT FLANGES OF BEAMS, AT UPPER TRUSS CHORDS OF BAR JOISTS, OR AT CONCRETE MEMBERS DO NOT ATTACH TO STEEL DECKING.
   G. DRILLED-IN ANCHORS:
      a. IDENTIFY POSITION OF REINFORCING STEEL AND OTHER EMBEDDED ITEMS PRIOR TO DRILLING HOLES FOR ANCHORS. DO NOT DAMAGE EXISTING REINFORCING OR EMBEDDED ITEMS DURING CORING OR DRILLING. NOTIFY THE STRUCTURAL ENGINEER IF REINFORCING STEEL OR OTHER EMBEDDED ITEMS ARE ENCOUNTERED DURING DRILLING. LOCATE AND AVOID ELECTRICAL/TELECOMMUNICATIONS CONDUIT AND GAS LINES.
      b. DO NOT DRILL HOLES IN CONCRETE OR MASONRY UNTIL CONCRETE, MORTAR, OR GROUT HAS ACHIEVED FULL DESIGN STRENGTH.
      c. WEDGE ANCHORS: PROTECT THREADS FROM DAMAGE DURING ANCHOR INSTALLATION. HEAVY-DUTY SLEEVE ANCHORS SHALL BE INSTALLED WITH SLEEVE FULLY ENGAGED IN THE STRUCTURAL ELEMENT TO WHICH ANCHOR IS TO BE FASTENED.
      d. ADHESIVE ANCHORS: CLEAN HOLES TO REMOVE LOOSE MATERIAL AND DRILLING DUST PRIOR TO INSTALLATION OF ADHESIVE. PLACE ADHESIVE IN HOLES PROCEEDING FROM THE BOTTOM OF THE HOLE AND PROGRESSING TOWARD THE SURFACE IN SUCH A MANNER AS TO AVOID INTRODUCTION OF AIR POCKETS IN THE ADHESIVE.
      e. SET ANCHORS TO MANUFACTURER'S RECOMMENDED TORQUE, USING A TORQUE WRENCH.
      f. INSTALL ZINC-COATED STEEL ANCHORS FOR INTERIOR AND STAINLESS-STEEL ANCHORS FOR EXTERIOR APPLICATIONS.
8. THE NOTES AND DETAILS ON SEISMIC DRAWINGS ON THIS SHEET ARE INTENDED TO COMPLIMENT SPECIFICATION SECTION 23 05 48 - VIBRATION AND SEISMIC CONTROLS FOR HVAC. SHOULD THERE BE A CONFLICT BETWEEN THESE TWO SHEETS AND THE SPECIFICATION, THE SPECIFICATION SHALL GOVERN
9. OVERHEAD PIPING AND DUCTWORK TO BE SUPPORTED FROM STEEL BEAMS AND GIRDERS ONLY U.N.O.. CONNECTIONS TO METAL DECK ARE NOT ALLOWED. SUPPORT FROM FLOOR SLAB OR HOUSEKEEPING PADS ARE ONLY ALLOWED WHERE SHOWN



3 DESTRATIFICATION FAN SEISMIC DETAIL
NO SCALE

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BAGGAGE SCREENING MODS.
975 Airport Dr, San Luis Obispo, CA 93401

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SHEET CONTENTS
SEISMIC DETAILS

PROFESSIONAL ENGINEER
AARON D. KOCH
M 39091
MECHANICAL
STATE OF CALIFORNIA
1-27-2026

SHEET NO.:
M-502

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AIR HANDLING UNIT (AHU) SCHEDULE

MARK	MANUFACTURER, MODEL NUMBER	NOM. CAP. (TON)	SUPPLY FAN			MIN. OUTDOOR AIR FLOW (CFM)	COOLING COIL						HEAT PUMP HEATING				COMPRESSOR STAGES
			AIR FLOW (CFM)	ESP (IN WC)	TSP (IN WC)		EAT (°F)		LAT (°F)		TOTAL CAP. (MBH)	SENS. CAP. (MBH)	EAT (°F)	LAT (°F)	AMBIENT TEMP (°F)	CAPACITY (MBH)	
							DB	WB	DB	WB							
AHU-1	TRANE, WHC060H4R0A	5	1,920	1.0	1.2	200	75.0	62.0	52.5	51.5	59.3	49.9	63.0	84.9	34	45.3	2

MARK	ELECTRIC HEATER		FILTERS	REFRIG. TYPE	CONDENSER		ELECTRICAL				ACCESSORIES	WEIGHT WITH CURB (LB)	LOCATION	REMARKS
	CAP. (KW)	NO. OF STAGES			AMB. TEMP. (°F) MIN.	AMB. TEMP. (°F) MAX.	MIN. EER	VOLTS	PHASE	MCA	MOCP			
AHU-1	-	-	MERV 13	R-410A	0	115	12.9	460	3	12.0	15.0	1,3,4,5,6,11,12	1067	SEE PLANS	

ACCESSORIES

1	DRY BULB ECONOMIZER CONTROL	7	STANDARD ROOF CURB
2	ENTHALPY ECONOMIZER CONTROL	8	VIBRATION ISOLATION ROOF CURB
3	BAROMETRIC RELIEF	9	SEISMIC ROOF CURB
4	DISCONNECT SWITCH	10	SUPPLY AIR SMOKE DETECTOR
5	CONDENSER HAIL GUARDS	11	RETURN AIR SMOKE DETECTOR
6	15A GFI CONVENIENCE OUTLET	12	CONDENSATE OVERFLOW SWITCH

AIR OUTLET AND INLET SCHEDULE

MARK	MANUFACTURER, MODEL NUMBER	APPLICATION	(1) MAX AIRFLOW (CFM)	OUTLET / INLET	TYPE	MOUNTING SYSTEM	(2) DAMPER	(3) FACE SIZE (IN)	NECK SIZE (IN)	(4) MAX NOISE LEVEL (NC)	PATTERN	MAX SP (IN WG)	FINISH	MATERIAL	(5) MOUNTING HEIGHT (IN)	ACCESSORIES	LOCATION	REMARKS
SG-1	TITUS, 272RS	SUPPLY	410	2	2	4	OB	15x11	12x8	20	-	0.1	W	STEEL	130	-	101B	(6)
RG-1	TITUS, 272RS	RETURN/EXHAUST	410	2	3	4	OB	26x18	24x16	20	-	0.1	W	STEEL	130	-	101B	(7)

OUTLET/INLET		TYPE				MOUNTING SYSTEM		DAMPER		FINISH	
1	DIFFUSER	1	SINGLE DEFLECTION	9	LOUVERED	1	T-BAR CEILING	N	NONE	M	MILL
2	REGISTER	2	DOUBLE DEFLECTION	10	HOODED	2	PLASTER/CONCRETE CEILING	BF	BUTTERFLY	W	MFR. STANDARD WHITE
3	GRILLE	3	FIXED BLADE	11	DOOR TRANSFER	3	PLASTER/MASONRY WALL	G	GRAVITY	S	MFR. SPECIAL COLOR
4	LOUVER	4	PERFORATED	12	BRICK	4	EXPOSED DUCTWORK	MP	MOTORIZED PNEUMATIC	A	ANODIZED ALUMINUM
5	PENTHOUSE	5	LINEAR	13	PUNKAH	5	METAL PANEL WALL	ME	MOTORIZED ELECTRIC	P	PRIME COAT (FINAL COAT BY GC)
6	VENT	6	PLENUM SLOT	14	LAMINAR	6	FLOOR	OB	OPPOSED BLADE	O	OTHER (SEE SPECIFICATIONS)
		7	PLAQUE	15	DRUM	7	ROOF	PB	PARALLEL BLADE		
		8	EGGCRATE			8	EXTERIOR STUD WALL	LL	LOW LEAKAGE, INSUL.		

REMARKS:

(1) SEE PLANS FOR ACTUAL INDIVIDUAL AIR QUANTITIES OF EACH DEVICE.

(2) IF DAMPER IS SCHEDULED 'NONE', EACH SUPPLY, RETURN, AND EXHAUST DEVICE TO HAVE A BALANCE DAMPER IN THE DUCT BRANCH TAKE-OFF UNLESS AN ASSOCIATED VAV BOX SERVES A SINGLE DEVICE.

(3) BORDER TYPES SHALL BE COMPATIBLE WITH CEILING OR WALL TYPES WHERE AIR DEVICE IS LOCATED. REFER TO ARCHITECTURAL PLANS AND ALL OTHER TRADES.

(4) ALL GRILLES AND DIFFUSERS SHALL NOT EXCEED NOISE CRITERIA LISTED (BASED ON 10 DB ROOM ATTENUATION) AND AT THE SCHEDULED MAXIMUM STATIC PRESSURE DROP.

(5) MOUNTING HEIGHT SHALL BE FROM FINISHED FLOOR TO BOTTOM OF OPENING.

(6) INDIVIDUALLY ADJUSTABLE AIRFOIL BLADE WITH 3/4" SPACING. FRONT BLADES PARALLEL TO THE SHORT DIMENSION. INITIALLY SET BLADES FOR APPROXIMATELY 30 DEGREE THROW.

(7) BLADES PARALLEL TO THE LONG DIMENSION WITH FIXED 30 DEGREE DEFLECTION AND 3/4" SPACING.

DESTRATIFICATION FAN (DF) SCHEDULE

MARK	MANUFACTURER, MODEL NUMBER	FAN TYPE	AIRFLOW RATE (CFM)	MOTOR		FAN SPEED (RPM)	DRIVE TYPE	ELECTRICAL (VOLTS/PH)	MOUNTING HEIGHT (FT)	MAX. SOUND (DB)	WEIGHT (LB)	LOCATION	REMARKS
				(HP)	TYPE								
DF-1	GREENHECK, DC-5-7	7' AIRFOIL	15,100	1/10	VFD	135	DIRECT	115/1	16	35	28	163	1,2,3,4,5

REMARKS:

(1) MOUNTING HEIGHT IS FROM FINISHED FLOOR TO BOTTOM OF FAN IN FEET.

(2) PROVIDE MOUNTING HARDWARE AND 6' DROP TUBE.

(3) PROVIDE WITH WALL MOUNTED REMOTE CONTROL FOR ON/OFF AND SPEED CONTROL.

(4) INTERLOCK THE DESTRAT FAN WITH THE FIRE ALARM SYSTEM TO SHUT OFF UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.

(5) PROVIDE ALL NECESSARY SUPPORT STEEL AS REQUIRED BY THE METAL BUILDING SUPPLIER.

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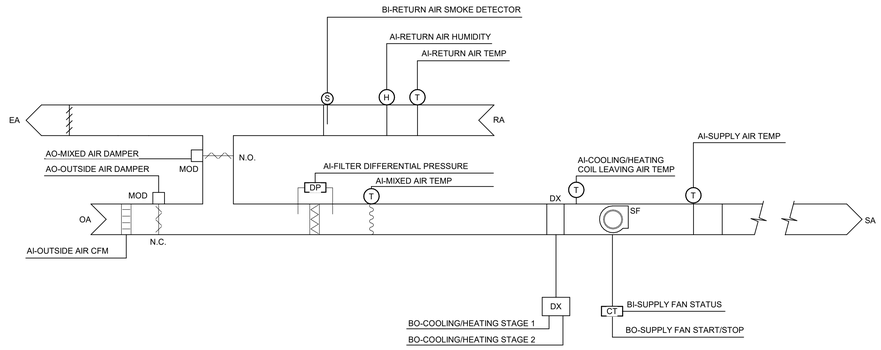
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SHEET CONTENTS
HVAC SCHEDULES

PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA
1-27-2026

SHEET NO.:
M-601

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1 AIR HANDLING HEAT PUMP UNIT
NO SCALE

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SHEET CONTENTS:
CONTROL SCHEMATICS

SHEET NO.:
M-801

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1-27-2026

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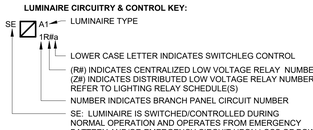
ONE-LINE SYMBOLS

- ATO — AUTOMATIC THROW OVER
- E / N / LS — AUTOMATIC TRANSFER SWITCH
- XXA 3P — CIRCUIT BREAKER
- XXAF / XXAT 3P — CIRCUIT BREAKER - DRAWOUT
- GF — XXAF / XXAT 3P — CIRCUIT BREAKER - GROUND FAULT
- CONTACT - NORMALLY CLOSED
- CONTACT - NORMALLY OPEN
- (#) — CURRENT TRANSFORMER (#) DENOTES QUANTITY
- DPM — DIGITAL POWER METER
- EARTH GROUND
- EPO — EMERGENCY POWER OFF
- XXA — FUSE
- XXA 3P / XXA — DISCONNECT SWITCH - FUSED
- XXA 3P — DISCONNECT SWITCH - NON-FUSED
- G / C / P — GENERATOR
- S2 / S1 / LS — GENERATOR TERMINATION CABINET
- K# — KEY INTERLOCK
- LA — LIGHTNING ARRESTOR
- LOAD BREAK ELBOW
- M — METER
- M — METER - DRAWOUT
- MPR — MULTI-FUNCTION PROTECTIVE RELAY
- XX / RM ## — PANEL
- SPD — SURGE PROTECTIVE DEVICE
- T-XX / RM ## — TRANSFORMER
- UNINTERRUPTIBLE POWER SUPPLY (UPS)
- UTILITY CONNECTION

LUMINAIRE SYMBOLS

- RECESSED LUMINAIRE
- RECESSED TROFFER
- RECESSED LINEAR
- SURFACE ROUND LUMINAIRE
- SURFACE SQUARE LUMINAIRE
- SURFACE LINEAR/INDUSTRIAL LUMINAIRE
- SURFACE COVE STRIP
- PENDANT ROUND LUMINAIRE
- PENDANT SQUARE LUMINAIRE
- PENDANT LINEAR/INDUSTRIAL LUMINAIRE
- (#) — TRACK (#) INDICATES NUMBER TRACK HEADS
- WALL SURFACE LUMINAIRE
- WALL RECESSED LUMINAIRE
- WALL SURFACE LINEAR
- WALL RECESSED LINEAR
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- WALL MOUNTED COMBINATION EXIT SIGN/EBU
- ARROW EXIT SIGN CHEVRON
- EMERGENCY BATTERY UNIT
- RECESSED EMERGENCY BATTERY UNIT
- WALL WASH MODIFIER
- EMERGENCY (NEC 700) SHADING MODIFIER
- LEGALLY REQUIRED STANDBY (NEC 701) AND OPTIONAL STANDBY (NEC 702) SHADING MODIFIER

LUMINAIRE CIRCUITRY & CONTROL KEY:



LUMINAIRE CONTROL SYMBOLS

- OS — OCCUPANCY SENSOR CEILING MOUNT
- OSW — OCCUPANCY SENSOR CORNER (WALL/CEILING) MOUNT
- DS — DAYLIGHT SENSOR
- VS — VACANCY SENSOR CEILING MOUNT
- TC — ELECTRONIC TIME CLOCK
- PC — PHOTOCELL
- LC — LIGHTING CONTACTOR
- LCP-X — LIGHTING CONTROL PANEL (x REPRESENTS PANEL DESIGNATION)
- DR — DIMMER CABINET
- PT — UL 924 LISTED EMERGENCY LIGHTING CONTROL UNIT. REFER TO SPECIFICATIONS 260923.
- PS — REMOTE POWER SUPPLY OR DRIVER
- D — DIMMER CONTROL STATION; MODULAR DIMMING CONTROL
- L — DIGITAL CONTROL STATION
- S — LINE VOLTAGE SWITCH (NO NOTATION INDICATES SINGLE POLE)

LUMINAIRE CONTROL NOTATIONS:

a,b	LOWER CASE LETTERS DENOTE SWITCHLEG
3	3-WAY CONTROL
4	4-WAY CONTROL
C	MAINTAINED CONTACT, THREE POSITION, CENTER OFF CONTROL
D	DIMMING CONTROL
DMX	DMX CONTROL
E	EMERGENCY
ES	ENTRY STATION
F	FAN SPEED CONTROL
K	KEY SWITCH CONTROL
M	MOMENTARY CONTACT CONTROL
MCS	MASTER CONTROL STATION
OS	OCCUPANCY SENSOR
OSD	DIMMING OCCUPANCY SENSOR
P	PILOT LIGHT CONTROL
PB	PUSH BUTTON CONTROL
PS	PARTITION SPACE CONTROL
SC	SCENE CONTROL
T	TIMER CONTROL
VS	VACANCY SENSOR
VSD	DIMMING VACANCY SENSOR
WL	WET LOCATION CONTROL
X1	EXPLOSION PROOF CLASS 1 DIVISION 1 CONTROL
X2	EXPLOSION PROOF CLASS 1 DIVISION 2 CONTROL

SERVICE & DISTRIBUTION SYMBOLS

- GAP — GENERATOR ANNUNICATOR PANEL
- EPO / X — EMERGENCY POWER OFF SWITCH, MUSHROOM HEAD PUSH BUTTON AT 48" AFF. B: BOILER SHUT-OFF NAMEPLATE G: GENERATOR SHUT-OFF NAMEPLATE
- PFC — POWER FACTOR CORRECTION CAPACITOR
- AHF — ACTIVE HARMONIC FILTER
- FEEDER BUS DUCT
- PANELBOARD
- ATS — AUTOMATIC TRANSFER SWITCH
- MTS — MANUAL TRANSFER SWITCH
- EMERGENCY SHADING MODIFIER

GROUNDING & LIGHTNING PROTECTION SYMBOLS

- GROUND ACCESS WELL
- GROUND ROD
- GR — STATIC GROUND RECEPTACLE
- LIGHTNING PROTECTION SYSTEM AIR TERMINAL
- GROUNDING CONDUCTOR
- EGB — EQUIPMENT GROUND BUS

WIRING DEVICE SYMBOLS

- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- ABOVE COUNTER DUPLEX RECEPTACLE
- SIMPLEX RECEPTACLE
- SPLIT WIRED DUPLEX RECEPTACLE
- SPECIFIC USE RECEPTACLE. NEMA CONFIGURATIONS NOTED ON DRAWINGS AND/OR SCHEDULE.
- F — FLOOR BOX
- P — POKE THRU
- C — CEILING MOUNTED DUPLEX RECEPTACLE
- C — CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE
- C — CEILING MOUNTED SPECIFIC USE RECEPTACLE. NEMA CONFIGURATIONS NOTED ON DRAWINGS AND/OR SCHEDULE.
- E — CORD REEL
- C — CONTACTOR
- PUSH BUTTON
- SURFACE METAL RACEWAY - REFER TO DRAWINGS AND/OR SPECIFICATIONS, MOUNTED 6" ABOVE COUNTER OR AT HEIGHT AS INDICATED.
- A — MULTI-OUTLET RACEWAY - OUTLETS ON CENTER AS INDICATED ON DRAWINGS AND IN THE SPECIFICATIONS, MOUNTED 6" ABOVE COUNTER OR AT HEIGHT AS INDICATED.

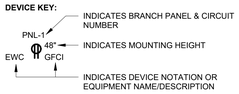
MULTI-OUTLET RACEWAY NOTATIONS:

A	2'-0" LENGTH, RECEPTACLES 6" O.C.
B	3'-0" LENGTH, RECEPTACLES 6" O.C.
C	5'-0" LENGTH, RECEPTACLES 6" OR 12" O.C.
D	6'-0" LENGTH, RECEPTACLES 6", 12", 18" OR 24" O.C.
F	X'-X" LENGTH, RECEPTACLES X" O.C.
P	DATA/POWER POLE
	OPTIONAL STANDBY (NEC 702) SHADING MODIFIER

RECEPTACLE NOTATIONS:

a	SWITCH LEG FOR SWITCHED OUTLETS
D	DEDICATED OUTLETS
EWC	ELECTRIC WATER COOLER OUTLETS
GFCI	GROUND FAULT INTERRUPTER OUTLETS
IG	ISOLATED GROUND OUTLETS
H	HORIZONTALLY MOUNTED OUTLETS
L	CASEWORK MOUNTED OUTLETS
M	MODULAR FURNITURE MOUNTED OUTLETS
PL	PLUG LOAD CONTROLLED OUTLETS
TR	TAMPER RESISTANT SAFETY OUTLETS
USB	COMBINATION DUPLEX/USB OUTLETS
WP	WEATHER PROOF OUTLETS
X1	EXPLOSION PROOF CLASS 1 DIVISION 1 OUTLETS
X2	EXPLOSION PROOF CLASS 1 DIVISION 2 OUTLETS

DEVICE KEY:



SLASH MAY BE USED TO SEPARATE INFORMATION . EX: 48"/GFCI

RACEWAY SYMBOLS

- SURFACE MOUNTED CONDUIT
- CONCEALED CONDUIT IN CEILING OR WALL
- WIREWAY, SIZE AND TYPE AS INDICATED ON DRAWINGS
- CABLE TRAY, SIZE AND TYPE AS INDICATED ON DRAWINGS
- UNDERFLOOR DUCT
- J — JUNCTION BOX - CEILING MOUNTED
- J — JUNCTION BOX - WALL MOUNTED

MOTOR CONTROL & PROTECTIVE DEVICE SYMBOLS

- ELECTRICAL CONNECTION TO EQUIPMENT AND MOTORS, SIZED PER NEC. COORDINATE REQUIREMENTS WITH CONTRACTOR FURNISHING MOTOR OR EQUIPMENT. REFER TO SPECIFICATIONS AND EQUIPMENT WIRING SCHEDULE FOR ADDITIONAL WORK ASSOCIATED WITH MOTOR OR EQUIPMENT.
- COMBINATION FULL VOLTAGE MAGNETIC CONTROLLER
- M — INTEGRAL HORSEPOWER MANUAL CONTROLLER
- SS — COMBINATION REDUCED VOLTAGE SOLID STATE CONTROLLER
- SS — REDUCED VOLTAGE SOLID STATE CONTROLLER
- VFD — VARIABLE FREQUENCY MOTOR CONTROLLER
- ENCLOSED FULL VOLTAGE MAGNETIC CONTROLLER
- NON-FUSIBLE DISCONNECT SWITCH
- FUSIBLE DISCONNECT SWITCH
- DOUBLE THROW SWITCH
- S_{FS} — BUSS FUSESTAT TYPE SSY
- S_{MS} — MANUAL MOTOR STARTER (W/OVERLOAD RELAYS)
- S_{MX} — MANUAL MOTOR SWITCH
- RVS — ENCLOSED REDUCED VOLTAGE CONTROLLER
- RVS — COMBINATION REDUCED VOLTAGE CONTROLLER
- MS — MULTI SPEED MAGNETIC CONTROLLER
- MS — COMBINATION MULTI SPEED MAGNETIC CONTROLLER
- ENCLOSED CIRCUIT BREAKER
- LEGALLY REQUIRED STANDBY (NEC 701) AND OPTIONAL STANDBY (NEC 702) SHADING MODIFIER

SITE SYMBOLS

- GROUND MOUNTED LIGHT (ABOVE & BELOW GRADE MOUNTING)
- E — ELECTRIC HANDHOLE
- HH — HANDHOLE, GENERIC
- E — ELECTRIC MANHOLE
- ELECTRIC PEDESTAL BOX
- BOLLARD LIGHT
- DOUBLE LIGHT POLE
- LIGHT POLE
- POST TOP LIGHT POLE
- POWER POLE
- DOUBLE POWER POLE
- POWER POLE WITH LIGHT

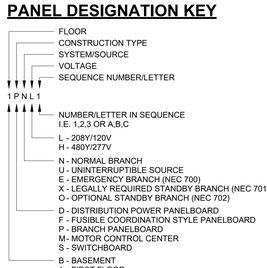
GENERAL SYMBOLS

- #/E-### — DETAIL NUMBER / SHEET NUMBER
- 9.### — KEYED NOTE: USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH
- # — KITCHEN EQUIPMENT TAG: # REFERS TO CORRESPONDING NUMBER IN KITCHEN EQUIPMENT SCHEDULE
- XXX — LIGHTING CONTROL SEQUENCE OF OPERATIONS TAG: XXX REFERS TO CORRESPONDING TYPE IN THE LIGHTING CONTROL SEQUENCE OF OPERATIONS SCHEDULE.

LINE TYPE KEY

- NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE)
- EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK DASHED LINE)
- EXISTING TO REMAIN WORK (THIN SOLID LINE)
- NEW WORK UNDER FLOOR BY THIS CONTRACTOR
- ONE-LINE EQUIPMENT ENCLOSURE
- PANEL DIVISION LINES
- —CON— SITE UNDERGROUND CONDUIT
- —//CON//— SITE UNDERGROUND CONDUIT TO BE REMOVED
- —E— SITE UNDERGROUND ELECTRIC
- —//E//— SITE UNDERGROUND ELECTRIC TO BE REMOVED
- —OHE— SITE OVERHEAD ELECTRIC
- —//OHE//— SITE OVERHEAD ELECTRIC TO BE REMOVED

PANEL DESIGNATION KEY



ELECTRICAL ABBREVIATIONS

3R	NEMA 3R RATING
4X	NEMA 4X RATING
A	AMPERES
A/E	ARCHITECT / ENGINEER
AAC	ABOVE ACCESSIBLE CEILING
ACCU	AIR COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
APE	AIRCRAFT PROCESS EQUIPMENT
ATS	AUTOMATIC TRANSFER SWITCH
BLDG	BUILDING
BRKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CEB	CONCRETE EQUIPMENT BASE
CF	CIRCULATION FAN
CH	CHILLER
CHWP	CHILLED WATER PUMP
CKT	CIRCUIT
CP	CIRCULATION PUMP
CRAC	COMPUTER ROOM AIR CONDITIONER
CRP	CONDENSATION RETURN
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
DC	DROP CORD
DDC	DIGITAL CONTROL PANEL
DH	DUCT HEATER
DISC	DISCONNECT
DO	DOOR OPERATOR
DWG	DRAWING
E/O	ELECTRICAL-TO-OPTICAL CONVERTER
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ERL	EXISTING TO BE RELOCATED
ERLD	EXISTING - RELOCATED LOCATION
ES	EQUIPMENT SUPPLIER
ETR	EXISTING TO REMAIN
EWC	ELECTRICAL WATER COOLER
EWH	ELECTRICAL WATER HEATER
F	FUSED
FA	FIRE ALARM
FAF	FORCED AIR FURNACE
FCU	FAN COIL UNIT
GD	GARBAGE DISPOSAL
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GWH	GAS WATER HEATER
HD	HAND DRYER
HP	HORSEPOWER
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HWB	HOT WATER BOILER
HWP	HOT WATER PUMP
IEWH	INSTANTANEOUS ELECTRIC WATER HEATER
IH	INFRARED HEATER
IMC	INTERMEDIATE METALLIC CONDUIT
IWH	INSTANTANEOUS WATER HEATER
J-BOX	JUNCTION BOX
LBS	POUNDS
LFS	LIGHTING FIXTURE SCHEDULE
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MIN.	MINIMUM
MNS	MASS NOTIFICATION SYSTEM
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NL/EL	NIGHT LIGHT AND EMERGENCY LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
RCP	RADIANT CEILING PANEL
RECPT	RECEPTACLE
REF	REFRIGERATOR
REQ'D	REQUIRED
RF	RETURN FAN
RGS	RIGID GALVANIZED STEEL CONDUIT MAY ALSO BE REFERENCED AS RMC OR GRC
RMC	RIGID METAL CONDUIT
RTU	ROOF TOP UNIT
S/N	SOLID NEUTRAL
SE	SERVICE ENTRANCE
SEC-P	SECURITY PANEL
SF	SUPPLY FAN
SP	SUMP PUMP
SS	STAINLESS STEEL
SW	SWITCH
SWBK	SWITCH BANK
TBR	TO BE REMOVED
TCP	TEMPERATURE CONTROL PANEL
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW
TYP	TYPICAL
UC	UNIT COOLER
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATER
V	VOLTS
VER	VEHICLE EXHAUST REEL
VFD	VARIABLE FREQUENCY DRIVE
VS	VERSUS
W	WATTS
WCC	WATER COOLED CONDENSER
WFE	WELDING FUME EXTRACTOR
WH	WATER HEATER
WL	WET LOCATION LISTED
WP	WEATHERPROOF
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

CONTRACTOR ABBREVIATIONS

AVC	AUDIO/VISUAL CONTRACTOR
CC	CIVIL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
FPC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
HC	HEATING CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
TC	TECHNOLOGY CONTRACTOR
TCC	TEMPERATURE CONTROLS CONTRACTOR
VC	VENTILATION CONTRACTOR

GENERAL NOTES:

1. REFER TO THE G SERIES DRAWINGS FOR CODE ANALYSIS PLANS, INFORMATION AND NOTES.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE DETAILS OF WORK, VERIFY DIMENSIONS IN THE FIELD, AND ADVISE THE **[ARCHITECT/ENGINEER] [CONTRACTING OFFICER]** OF ANY DISCREPANCY BEFORE PERFORMING ANY WORK.
3. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES) AND ABA (ARCHITECTURAL BARRIERS ACT).
4. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALLS AND FLOORS. MAKE RATED PENETRATIONS AS REQUIRED. SEAL ALL RATED PENETRATIONS. REFER TO DIV. 07 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
5. FLUSH-MOUNT ALL LIGHTING CONTROL DEVICES AT 42" FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, EXCEPT WHERE OTHERWISE NOTED.
6. FLUSH-MOUNT ALL RECEPTACLES AT 18" FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, EXCEPT WHERE OTHERWISE NOTED.
7. MOUNT ALL FIRE ALARM PULL STATIONS AT 42" FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, EXCEPT WHERE OTHERWISE NOTED. **[REMOVE NOTE IF FIRE ALARM IS NOT IN E-SET]**
8. MOUNT ALL WALL-MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT IS MEASURED TO TOP OF DEVICE. **[REMOVE NOTE IF FIRE ALARM IS NOT IN E-SET]**
9. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL SCHEDULES PROVIDED. BALANCE THE LOAD ON PANELS AS EVENLY AS POSSIBLE BETWEEN EACH PHASE. COMMON NEUTRALS MAY **[NOT]** BE USED FOR BRANCH CIRCUITS.
10. CIRCUITS SERVING EMERGENCY AND EXIT LUMINAIRES SHALL BE RUN IN SEPARATE RACEWAY FROM ALL OTHER CIRCUITS.
11. A #12 GREEN INSULATED GROUND CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS TO ALL RECEPTACLES.
12. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE. WHERE RACEWAY IS REQUIRED ON EXISTING CONCRETE AND MASONRY WALLS, SURFACE RACEWAY MAY BE USED IN LIEU OF CHANNELING WALLS TO ALLOW CONCEALED ROUTING. THE RACEWAY SHALL BE SINGLE CHANNEL STYLE TYPE WITH IVORY FINISH. THIS APPLIES FOR BRANCH CIRCUIT CONDUITS UP TO 3/4" SIZE. CONDUITS LARGER THAN 3/4" MAY BE ROUTED EXPOSED, BUT INSTALLED PARALLEL AND/OR PERPENDICULAR TO BUILDING LINES AND RUN AS UNOBTRUSIVELY AS POSSIBLE.
13. BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
14. COORDINATE AND CO-LOCATE WALL MOUNTED RECEPTACLE LOCATIONS WITH TECHNOLOGY (VOICE/DATA, CATV, FIDS, ETC.) OUTLETS SHOWN ON THE T-SERIES DRAWINGS UNLESS OTHERWISE NOTED, EACH TECHNOLOGY OUTLET SHALL BE LOCATED WITHIN 24" OF ITS ASSOCIATED RECEPTACLE. ASSOCIATED RECEPTACLE SHALL BE DEFINED AS THE RECEPTACLE NEAREST THE LOCATION OF, AND AT THE SAME HEIGHT AS, THE TECHNOLOGY OUTLET WHEN MULTIPLE RECEPTACLES ARE SHOWN ON A WALL.
15. DUPLEX RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) SHALL BE CONCEALED BEHIND WATER COOLER ACCESS PLATE OR BE DIRECTLY BELOW AND CENTERED ON EWC. VERIFY TYPE OF EWC TO BE INSTALLED.
16. COORDINATE THE LOCATION OF ALL DETECTORS WITH LUMINAIRES, SPRINKLERS, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE.
17. VERIFY ALL FURNITURE, MODULAR FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS. PRIOR TO ELECTRICAL INSTALLATION ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
18. ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF, OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TECHNOLOGY EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
19. PROVIDE SUITABLE MECHANICAL PROTECTION AROUND ALL CONDUITS STUBBED OUT FROM FLOORS, WALLS, OR CEILINGS DURING CONSTRUCTION TO PREVENT BENDING OR DAMAGING OF STUB OUTS DUE TO CARELESSNESS WITH CONSTRUCTION EQUIPMENT.
20. ALL OPENINGS IN WALLS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
21. DRAWINGS INDICATE THE EXTENT OF HAZARDOUS OR WET LOCATIONS. INSTALLATION MEANS AND METHODS SHALL BE SUITABLY RATED FOR THE ENVIRONMENT INDICATED ON THE DRAWINGS.
22. REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF ELECTRICAL WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.
23. ALL INTERLOCKING REQUIRED BY THE DRIVE MANUFACTURER BETWEEN THE VARIABLE FREQUENCY DRIVE AND THE DISCONNECT SWITCHES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
24. SCCR RATINGS LISTED FOR EQUIPMENT ARE MINIMUM REQUIREMENTS FOR BUS BRACING AND DEVICE RATING. ALL EQUIPMENT SHALL BE FULLY RATED UNLESS SPECIFICALLY NOTED AS SERIES RATED.

DEMOLITION GENERAL NOTES:

1. THE INFORMATION SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS TO ASSIST CONTRACTOR IN BIDDING. THE ELECTRICAL DRAWINGS INDICATE EXISTING ELECTRICAL ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS. REFER TO SPECIFICATION SECTION 26 05 02 FOR ADDITIONAL REQUIREMENTS.
2. DASHED WALLS ON THE FLOOR PLANS INDICATE EXISTING WALLS BEING DEMOLISHED. REFER TO THE ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF WORK REQUIRED BY THIS PROJECT. REMOVE ALL DEVICES ON DASHED WALLS NOT SHOWN ON THE CONTRACT DRAWINGS. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES, WHERE MOTORS, CONTROL PANELS, AND OTHER LOADS OR APPARATUS THAT HAVE ELECTRICAL CONNECTIONS ARE BEING REMOVED, INCLUDE DISCONNECTION AND REMOVAL OF ALL ASSOCIATED CONDUIT, WIRING, ETC.
3. ELECTRICAL ITEMS (i.e., LIGHTING FIXTURES, PANELBOARDS, DISCONNECTS, MOTOR CONTROLLERS, ETC.) REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER IN A STORAGE AREA TO BE DESIGNATED BY THE OWNER. EQUIPMENT BEING REMOVED SHALL BE HANDLED SO AS NOT TO FURTHER REDUCE ITS VALUE TO THE OWNER. DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
4. WHERE LIGHTS, SWITCHES, RECEPTACLES, ETC., ARE BEING REMOVED, ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE PANELBOARD OR FEEDER JUNCTION BOX SERVING THE DEVICE SHALL ALSO BE REMOVED, UNLESS THE CONDUIT CAN BE REUSED FOR NEW CONDUCTORS. DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
5. ALL BOXES THAT ARE TO REMAIN IN PLACE IN EXISTING MASONRY WALLS SHALL BE PROVIDED WITH A BLANK COVERPLATE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS ASSOCIATED WITH TYPE AND ATTACHMENT.
6. REMOVE ALL CONDUIT WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
7. COORDINATE ALL WORK, INCLUDING PHASING WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING ELECTRICAL AND INSTALLING NEW ITEMS.
8. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED IN PLACE. RELOCATED EXISTING CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO ASSURE PROPER GROUND PATH.
9. MAINTAIN CIRCUIT CONTINUITY OF DEVICES LOCATED OUTSIDE OF CONSTRUCTION AREA. DEVICE AND EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
10. BALLASTS MANUFACTURED PRIOR TO 1980 CONTAIN PCBs AND SHALL BE DISPOSED OF IN ACCORDANCE WITH SPECIFICATIONS.
11. HID AND FLUORESCENT LAMPS CONTAIN MERCURY AND SHALL BE DISPOSED OF IN ACCORDANCE WITH SPECIFICATIONS.
12. REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF ELECTRICAL WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.
13. PROVIDE REVISED, TYPED CIRCUIT DIRECTORY IN PANELBOARDS THAT HAVE CIRCUITS REMOVED OR ADDED CIRCUITS.
14. REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT RACEWAY FLUSH WITH WALLS AND FLOORS AND PATCH SURFACES TO MATCH EXISTING. REMOVE ALL ASSOCIATED CLAMPS, HANGERS, SUPPORTS, ETC. ASSOCIATED WITH RACEWAY REMOVAL.
15. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT

M&H NO.: 1943000-222814.02
DATE: September 30, 2025
DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
DO NOT SCALE DRAWINGS

SHEET CONTENTS
NOTES, SYMBOLS & ABBREVIATIONS

SHEET NO.:
E-001

2/24/2026 3:46:38 PM C:\Revit Local\222814.02-E-R24_Richard.vojtasek.rvt

ELECTRICAL KEYED NOTES

9.001 EQUIPMENT TO BE RE-LOCATED BY BHS CONTRACTOR. FIELD WIRING SHALL BE REMOVED BY DIV 26. REMOVE ALL POWER WIRING FROM EDS MACHINE FROM EQUIPMENT BACK TO SOURCE. WHERE EQUIPMENT IS PLUG AND RECEPTACLE STYLE, WIRING FROM FLOOR BOX TO PANEL MAY REMAIN IN PLACE. FLOOR BOX SHALL BE PROVIDED WITH PERMANENT, BUT REMOVABLE BLANK, FLUSH COVER.

9.002 (TYP) BAGGAGE HANDLING EQUIPMENT WIRED BACK TO MCP SHALL BE REMOVED ENTIRELY BY BHS CONTRACTOR, INCLUDING WIRING. ALL TSA EQUIPMENT WIRING AND RACEWAYS SHALL BE REMOVED BACK TO SOURCE, INCLUDING BUT NOT LIMITED TO WORKSTATIONS, ETD UNITS, AND OTHER EQUIPMENT NOT WIRED TO MCP BY DIV 26. WIRING FOR HARD WIRED EQUIPMENT SHALL BE REMOVED FROM EQUIPMENT, BACK TO ITS SOURCE INCLUDING ALL RACEWAYS, SUPPORTS, ETC. FLUSH WALL OR FLOOR DEVICES SERVING PLUG CONNECTED EQUIPMENT MAY BE LEFT IN PLACE. FLOOR DEVICES SHALL BE PROVIDED WITH PERMANENT BLANK, FLUSH, REMOVABLE OR HINGED COVER.

9.003 WHERE RACEWAYS ARE ROUTED THROUGH NON-REMOVABLE WALLS, CEILINGS, OR TRAVERSE THROUGH PORTIONS OF THE AIRPORT TO REMAIN IN OPERATION DURING CONSTRUCTION MAY BE ABANDONED IN PLACE. ALL WIRING SHALL BE REMOVED, AND ALL PORTIONS OF THE RACEWAY ROUTED THROUGH UTILITY SPACES, OR AREAS WITHIN THE BOUNDS OF CONSTRUCTION LIMITS SHALL BE REMOVED.

9.004 MCP1 PDP TO REMAIN TO SERVE EXISTING CONVEYORS AND EQUIPMENT TO REMAIN, ALL WIRING FROM MCP1 TO LOADS TO BE REMOVED/RELOCATED SHALL BE BY BHS.

9.005 ALL RACEWAYS SERVING TSA LOADS, LIGHTING AND POWER DEVICES INSTALLED UNDER SLAB OR UNDER CANOPY TO BE REMOVED BY DIV 26 BACK TO SOURCE. UNDER SLAB RACEWAYS EXTENDING UNDER BUILDING OR SLABS TO REMAIN SHALL HAVE WIRING REMOVED, RACEWAYS CUT, CAPPED, AND ABANDONED IN PLACE.

9.006 UNDER FLOOR RACEWAY SYSTEM, BASIS OF DESIGN LEGRAND WALKERDUCT SERIES. PROVIDE NO. 2 DUCT, 3.34 SQ IN. MIN., FOR LOW VOLTAGE (WIRING BY OTHERS) AND NO. 4 DUCT, 8.72 SQ IN. MIN., FOR POWER WIRING, ALIGNMENT CLIP FOR SPACING, END CAPS AND JUNCTION BOXES AS RECOMMENDED BY MANUFACTURER INSTRUCTIONS. COORDINATE INSTALL WITH STRUCTURAL CONTRACTOR, INSTALL AND LEVEL AS REQUIRED. SECURE LEGS TO REBAR OR INTO COMPACTED EARTH TO PREVENT MOVEMENT DURING CONCRETE POUR

9.007 PROVIDE MANUFACTURERS RECOMMENDED CONDUIT ENTRANCE FITTING OR JUNCTION BOX TO ACCOMMODATE RACEWAYS INDICATED. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 80 PVC.

9.008 (TYP) ALL FLOOR BOXES SHOWN SHALL CONSIST OF A SHARED, DIVIDED FLOOR BOX OR TWO SEPARATE FLOOR BOXES TAPPED INTO BOTH LOW VOLTAGE UNDERGROUND DUCT AND LINE VOLTAGE UNDERGROUND DUCT. PROVIDE JUNCTION BOX SIZES AS REQUIRED FOR DEVICE(S) INDICATED ON EQUIPMENT SCHEDULE. FLOOR BOX TAPPED INTO LOW VOLTAGE UNDERGROUND DUCT SHALL BE PROVIDED WITH A BLANK COVER AND LARGE ENOUGH TO ACCOMMODATE FOUR (4) DEVICES. ALL FLOOR BOXES SHALL BE FLUSH ACTIVATION TYPE.

9.009 NO. 4 UNDERFLOOR DUCT WITH NO PRESETS MAY BE PROVIDED IN LIEU UNDERGROUND RACEWAYS

9.010 COORDINATE FIXTURE LOCATION WITH DESTRATIFICATION FAN, DO NOT LOCATE LIGHTS DIRECTLY UNDER FAN

9.011 INTERCEPT EMERGENCY CIRCUIT FROM EXISTING PANEL L1YB-1 AND EXTEND TO NEW ADDITION. THIS CIRCUIT SHALL BE WIRED TO ALL FIXTURES IDENTIFIED AS "EMERGENCY". INCLUDING ALL EXIT SIGNS. FIELD LOCATE AND EXTEND UNSWITCHED HOT CONDUCTOR THAT BYPASSES RELAY FROM CIRCUIT PROVIDING NORMAL POWER TO FIXTURE (L1MB-1) AND WIRE TO FIXTURE POWER TRANSFER DEVICE

9.012 INTERCEPT NORMAL POWER CIRCUIT, L1MB-1, UPSTREAM ALL CONTROL DEVICES IN ROOM, MAINTAIN WIRING FROM RELAY IN L1RB. EXISTING RELAY TIME CLOCK CONTROLS SHALL BE EXTENDED TO AREA OF NEW WORK. EXTEND TO NEW ADDITION. UNLESS NOTED, ALL NORMAL POWER FOR LIGHT FIXTURES IN BAGGAGE HANDLING ADDITION SHALL BE POWERED FROM THIS CIRCUIT.

9.013 EXISTING CIRCUIT L1MB-8 SERVING NORMAL LIGHTS REMOVED FROM EXISTING CANOPY VIA RELAY PANEL L1RB TO BE EXTENDED FROM UPSTREAM ALL CONTROL DEVICES TO NEW CANOPY LIGHTING. EXISTING TIME CLOCK AND PHOTOCELL OPERATION OF EXTERIOR FIXTURES IN EXISTING RELAY GROUP TO BE MAINTAINED. ALL CANOPY MOUNTED FIXTURES SHALL BE POWERED FROM THIS CIRCUIT UNLESS NOTED.

9.014 EXISTING EMERGENCY CIRCUIT L1YR-4 TO BE EXTENDED TO FIXTURES NOTED. MAINTAIN CONTROLS FUNCTIONALITY FROM EXISTING RELAY GROUP IN RELAY PANEL L1RB.

9.015 MOUNT RECEPTACLE ON CANOPY COLUMN. PROVIDE WHILE-IN-USE STYLE COVER WITH WATER TIGHT FITTINGS. ROUTE RACEWAY UNDERGROUND, TRANSITION TO RMC WITHIN 3'-0" OF THE COLUMN, PROVIDE STRAP TYPE SUPPORT FOR BOX AND RACEWAY. DO NOT TAP OR DRILL COLUMN WITHOUT APPROVAL FROM STRUCTURAL ENGINEER.

9.016 MOUNT RECEPTACLE ON GUARD RAIL. COORDINATE LOCATION WITH BAGGAGE HANDLING CONTRACTOR. LOCATE RECEPTACLE BACKBOX WITH WHILE-IN-USE COVER ON THE INSIDE OF THE GUARDRAIL TO PROTECT FROM TUG COLLISION DAMAGE. ROUTE ALL CONDUITS ON INTERIOR SIDE OF GUARD RAIL. ALL EXTERIOR RACEWAYS SHALL BE RMC TYPE.

9.017 PENDANT MOUNT SENSOR FROM STRUCTURE ABOVE

Mead & Hunt

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Ontario, CA 91761
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT

M&H NO.: 1943000-222814.02
DATE: September 30, 2025
DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
DO NOT SCALE DRAWINGS

SHEET CONTENTS
ELECTRICAL KEYED NOTES

SHEET NO.:
E-005

2/24/2026 3:46:38 PM C:\Revit Local\222814.02-E-R24_Richard.vojtisek.rvt

Electrical Power Distribution Mandatory Measures:

110.12(a) DEMAND RESPONSIVE (DR) CONTROLS
ALL DEMAND RESPONSIVE CONTROLS SHALL:

1. BE EITHER A. CERTIFIED OPENADR 2.0a OR OPENADR 2.0b VIRTUAL END NODE (VEN); OR B. CERTIFIED BY THE MANUFACTURER AS BEING CAPABLE OF RESPONDING TO A DR SIGNAL FROM A CERTIFIED OPENADR 2.0b VEN AUTOMATICALLY IMPLEMENTING THE CONTROL FUNCTIONS REQUESTED BY THE VEN FOR THE EQUIPMENT IT CONTROLS.
2. BE CAPABLE OF COMMUNICATING USING ONE OR MORE OF THE FOLLOWING: WI-FI, ZIGBEE, BACNET, ETHERNET, OR HARD-WIRING.
3. CONTINUE TO PERFORM ALL OTHER CONTROL FUNCTIONS PROVIDED BY THE CONTROL WHEN COMMUNICATIONS ARE DISABLED OR UNAVAILABLE.
4. DR CONTROL THERMOSTATS SHALL COMPLY WITH REFERENCE JOINT APPENDIX 5 (JA5), TECHNICAL SPECIFICATIONS FOR OCCUPANT CONTROLLED SMART THERMOSTATS.

110.12(d) DEMAND RESPONSIVE ELECTRONIC MESSAGE CENTER CONTROL
CONTROLS FOR ELECTRONIC MESSAGE CENTERS GREATER THAN 15KW SHALL BE CAPABLE OF REDUCING THE LIGHTING POWER BY A MINIMUM OF 30% WHEN RECEIVING A DR SIGNAL.

130.5(c) VOLTAGE DROP
THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%.

This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.2 (b)4Bvii

A. GENERAL INFORMATION

01	Project Location (city)	San Luis Obispo	02	Climate Zone	5
			03	Occupancy Types Within Project:	All Other OccupanciesCommercial Industrial

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work[1]	Rating[2] (kVA)	Utility Provided Metering System Exception to 130.5(a)/ 160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to 130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
See sheet E-100, meter located in main switchboard lineup in main electrical room, plan North East	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.2/ 160.3, 130.1/ 160.5, and 130.3/ 160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[2] FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01		02		03		04	05	06
Service Electrical Metering 130.5(a)/ 160.6(a) (See Table F)	AND	Separation for Monitoring 130.5(b)/ 160.6(b) (See Table G)	AND	Voltage Drop 130.5(c)/ 160.6(c) (See Table H)	AND	Controlled Receptacles 130.5(d)/ 160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	**Compliance Results**
	AND		AND	Yes	AND			COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

H. VOLTAGE DROP

This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(c)/ 160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)2Pii/ 180.2(b)4Bviic.

01	02		03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method		Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
					Pass	Fail
See sheet E-100, meter located in main switchboard lineup in main electrical room, plan North East	☒ Voltage drop less than 5%	☐ Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E-014	☐	☐

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*

[1] FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Richard Vojtisek	
Company: Mead And Hunt	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
Richard Vojtisek	
Company: Mead And Hunt	Date Signed:
Address:	License:
City/State/Zip:	Phone:

Mead & Hunt, Inc.
3110 E.Guasti Road,
Suite 330
Ontario, CA 91761
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT

M&H NO.: 1943000-222814.02
DATE: September 30, 2025
DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
DO NOT SCALE DRAWINGS

SHEET CONTENTS
CAL GREEN CHECKLIST

SHEET NO.:
E-010

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Indoor Lighting Mandatory Measures:

110.9 LIGHTING CONTROLS AND COMPONENTS
ALL LIGHTING CONTROL DEVICES AND SYSTEMS, AND ALL LIGHT SOURCES SHALL MEET THE APPLICABLE REQUIREMENTS OF 110.9.

NOTE: THE EXCEPTED SPACES DO NOT COUNT TOWARDS THE 10,000 FT2 THRESHOLD.

130.0 GENERAL LUMINAIRE REQUIREMENTS
ALL LUMINAIRES SHALL BE FACTORY-LABELLED PER 130.0(c).
ENERGY MANAGEMENT CONTROL SYSTEMS (EMCS) SHALL MEET REQUIREMENTS OF 130.0(e).

130.1(a) MANUAL AREA CONTROLS
EACH ROOM OR AREA WITH FLOOR-TO-CEILING WALLS IN THIS BUILDING SHALL HAVE LIGHTING CONTROLS THAT ALLOW LIGHTING TO BE MANUALLY TURNED ON AND OFF MANUAL CONTROLS SHALL:

1. BE READILY ACCESSIBLE

2. BE LOCATED IN THE SAME ENCLOSED AREA WITH THE LIGHTING IT CONTROLS.

3. PROVIDE SEPARATE CONTROL OF GENERAL, FLOOR, WALL, WINDOW CASE DISPLAY, ORNAMENTAL AND SPECIAL EFFECTS LIGHTING SO EACH TYPE CAN BE TURNED ON AND OFF SEPARATELY WITHOUT AFFECTING OTHER LIGHTING OR EQUIPMENT.

130.1(b) MULTILEVEL LIGHTING CONTROLS
GENERAL LIGHTING IN ALL ROOMS AND AREAS 100 FT2 OR GREATER AND WITH MORE THAN 0.5 WATTS PER FT2 OF LIGHTING LOAD SHALL HAVE MULTILEVEL CONTROLS THAT ALLOW LIGHT LEVELS TO BE ADJUSTED UP AND DOWN. CONTROLS SHALL PROVIDE NUMBER OF CONTROL STEPS AND UNIFORM ILLUMINANCE LIGHT LEVELS PER TABLE 130.1-A.

130.1(c): SHUTOFF CONTROLS
ALL INSTALLED INDOOR LIGHTING SHALL BE EQUIPPED WITH CONTROLS TO AUTOMATICALLY REDUCE LIGHTING POWER WHEN SPACE IS TYPICALLY UNOCCUPIED.

130.1(c)1: CONTROL REQUIREMENTS
ALL INSTALLED INDOOR LIGHTING SHALL HAVE ALL OF THE FOLLOWING:
A. CONTROL(S) CAPABLE OF AUTOMATICALLY SHUTTING OFF ALL LIGHTING IN THE SPACE WHEN TYPICALLY UNOCCUPIED (OCCUPANT SENSING CONTROL, AUTOMATIC TIME-SWITCH CONTROL, OR OTHER)
B. SEPARATE CONTROLS FOR LIGHTING ON EACH FLOOR (OTHER THAN STAIRWELLS)

C. SEPARATE CONTROLS FOR A SPACE ENCLOSED BY CEILING HEIGHT PARTITIONS NOT EXCEEDING 5,000 FT2

130.1(c)6 PARTIAL OR FULL-OFF OCCUPANT SENSORS
PROVIDE PARTIAL OR FULL-OFF OCCUPANT SENSORS, IN ADDITION TO SHUTOFF CONTROLS PER 130.1(c)1 AND 130.1(c)2, IN THE FOLLOWING SPACES:

- AISLE WAYS AND OPEN AREAS IN WAREHOUSES
- LIBRARY BOOK STACK AISLES
- CORRIDORS AND STAIRWELLS
- OFFICES GREATER THAN 250 SQ. FT.

CERTIFICATE OF COMPLIANCE **NRCC-LTI-E**
This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

Project Name:	SBP Baggage Expansion	**Report Page:**	**(Page 1 of 8)**
Project Address:		**Date Prepared:**	2024-05-17T13:04:27-04:00

A. GENERAL INFORMATION

01	Project Location (city)	San Luis Obispo	04	Total Conditioned Floor Area (ft²)	3,770
02	Climate Zone	5	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1

● Commercial Industrial ● Support Areas ● All Other Occupancies

B. PROJECT SCOPE
This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	2900	N/A	0
☐ New Lighting System - Parking Garage	N/A	0	N/A	0
☒ Altered Lighting System	Area Category Method	870	N/A	0
Total Area of Work (ft²)	3770			

CERTIFICATE OF COMPLIANCE			**NRCC-LTI-E**
Project Name:	SBP Baggage Expansion	**Report Page:**	**(Page 2 of 8)**
		Date Prepared:	2024-05-17T13:04:27-04:00

C. COMPLIANCE RESULTS
If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)				Compliance Results
	01	02	03	04		05	06	07 Adjustments		08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	=	**Total Allowed** (Watts)	≥ Total Designed (Watts)	PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	=	**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 / 170.2(e)**
	(See Table I)	(See Table I)	(See Table J)	(See Table K)			(See Table F)	(See Table P)			
Conditioned		2,262			=	2,262	≥ 1,700	255	=	1445	COMPLIES
Unconditioned					=		≥		=		
Controls Compliance (See Table H for Details)											COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)											

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Indoor Lighting Mandatory Measures:

130.1(d) AUTOMATIC DAYLIGHTING CONTROLS
ALL GENERAL LIGHTING IN THE FOLLOWING ZONES SHALL HAVE CONTROLS THAT AUTOMATICALLY ADJUST THE INSTALLED LIGHTING POWER UP AND DOWN TO KEEP TOTAL LIGHT LEVEL STABLE AS INCOMING DAYLIGHT CHANGES:

- PRIMARY SIDELIT DAYLIT ZONES
- SECONDARY SIDELIT DAYLIT ZONES
- COMBINED PRIMARY AND SECONDARY SIDELIT DAYLIT ZONES IN PARKING GARAGES

ALL DAYLIT ZONES MUST BE SHOWN ON PLANS.

NOTE: PARKING AREAS ON THE ROOF OF A PARKING STRUCTURE ARE NOT SKYLIT DAYLIT AREAS.

IN ADDITION, AUTOMATIC DAYLIGHTING CONTROLS SHALL PROVIDE SEPARATE CONTROL FOR LUMINAIRES IN EACH TYPE OF DAYLIT ZONE. LUMINAIRES THAT FALL IN BOTH SKYLIT AND SIDELIT DAYLIT ZONE SHALL BE CONTROLLED AS PART OF THE SKYLIT ZONE.

130.1(d)3 THE AUTOMATIC DAYLIGHTING CONTROLS SHALL ACHIEVE ALL OF THE FOLLOWING:
A. ADJUST LIGHTING VIA CONTINUOUS DIMMING OR THE NUMBER OF CONTROL STEPS PROVIDED BY THE MULTILEVEL CONTROLS (FOR SPACES REQUIRED TO INSTALL MULTILEVEL CONTROLS UNDER SECTION 130.1(b)).

B. FOR EACH SPACE, ENSURE COMBINED ILLUMINANCE FROM CONTROLLED LIGHTING AND DAYLIGHT IS NOT LESS THAN ILLUMINANCE FROM CONTROLLED LIGHTING WHEN NO DAYLIGHT IS AVAILABLE.

C. ENSURE THAT THE GENERAL LIGHTING POWER IN A DAYLIT ZONE SHALL BE REDUCED BY AT LEAST 90% WHEN DAYLIGHT ILLUMINANCE IN THAT ZONE IS GREATER THAN 150% OF DESIGN ILLUMINANCE RECEIVED FROM THE GENERAL LIGHTING SYSTEM AT FULL POWER (NOT APPLICABLE TO PARKING GARAGES).

D. (FOR PARKING GARAGES ONLY) ENSURE THAT WHEN ILLUMINANCE LEVELS MEASURED AT THE FARTHEST EDGE OF THE SECONDARY SIDELIT ZONE AWAY FROM GLAZING OR OPENING ARE GREATER THAN 150% OF THE ILLUMINANCE PROVIDED BY THE CONTROLLED LIGHTING WHEN NO DAYLIGHT IS AVAILABLE, THE CONTROLLED LIGHTING POWER IN THE COMBINED PRIMARY AND SECONDARY SIDELIT DAYLIT ZONES SHALL BE REDUCED BY 100%.

130.1(d)4 WHEN PHOTOSENSORS ARE LOCATED WITHIN THE DAYLIT ZONE, AT LEAST ONE PHOTOSENSOR SHALL BE LOCATED SO THAT IT IS NOT READILY ACCESSIBLE TO UNAUTHORIZED PERSONNEL.

130.1(d)5 THE LOCATION WHERE CALIBRATION ADJUSTMENTS ARE MADE TO AUTOMATIC DAYLIGHTING CONTROLS SHALL BE READILY ACCESSIBLE TO AUTHORIZED PERSONNEL BUT MAY BE INSIDE A LOCKED CASE OR UNDER A COVER THAT REQUIRES A TOOL FOR ACCESS.

Indoor Lighting Mandatory Measures:

130.1(f) CONTROL INTERACTIONS
EACH LIGHTING CONTROL INSTALLED TO MEET 130.1 REQUIREMENTS SHALL INCORPORATE THE FUNCTIONS OF OTHER LIGHTING CONTROLS REQUIRED BY THIS SECTION.

1. FOR GENERAL LIGHTING, MANUAL AREA CONTROL SHALL PERMIT THE LEVEL OF LIGHT PROVIDED WHILE LIGHTING IS ON TO BE SET OR ADJUSTED BY CONTROLS SPECIFIED IN 130.1(b), (c), (d) and (e).

2. MANUAL AREA CONTROL SHALL PERMIT SHUTOFF CONTROL TO TURN THE LIGHTING DOWN OR OFF.

3. MULTILEVEL CONTROL SHALL PERMIT THE AUTOMATIC DAYLIGHTING CONTROL TO ADJUST ELECTRIC LIGHTING IN RESPONSE TO DAYLIGHT.

4. MULTILEVEL CONTROL SHALL PERMIT THE DEMAND RESPONSIVE (DR) CONTROL TO ADJUST LIGHTING DURING A DR EVENT THEN RETURN IT TO THE LEVEL SET BY THE CONTROL AFTER THE EVENT.

5 SHUTOFF CONTROL SHALL PERMIT THE MANUAL AREA CONTROL TO TURN THE LIGHTING ON.

6. AUTOMATIC DAYLIGHTING CONTROL SHALL PERMIT MULTILEVEL LIGHTING CONTROL TO ADJUST THE LIGHTING LEVEL.

7. FOR LIGHTING CONTROLLED BY MULTILEVEL LIGHTING CONTROLS AND OCCUPANT SENSING CONTROLS THAT PROVIDE AUTOMATIC-ON FUNCTION, CONTROLS SHALL PROVIDE A PARTIAL-ON FUNCTION THAT IS CAPABLE OF AUTOMATICALLY ACTIVATING BETWEEN 50-70% OF CONTROLLED LIGHTING POWER.

8. RESERVED

9. FOR SPACE CONDITIONING SYSTEM ZONES SERVING ONLY SPACES THAT ARE REQUIRED TO HAVE OCCUPANT SENSING CONTROLS SHALL BE CONTROLLED BY OCCUPANCY SENSING CONTROLS.

CERTIFICATE OF COMPLIANCE			**NRCC-LTI-E**
Project Name:	58P Baggage Expansion	**Report Page:**	**(Page 3 of 8)**
		Date Prepared:	2024-05-17T13:04:27-04:00

F. INDOOR LIGHTING FIXTURE SCHEDULE
This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
									Field Inspector	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change[1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Pass	Fail
G1 and G1E	4FT LED INDUSTRIAL GASKETTED PENDANT, IP65, 10% 0-10V DIM, ACRYLIC LINEAL RUBBED FROSTED LENS, 90CRI (G1E W/ PT DEVICES FOR EM FIXTURES)	No	NA	100	Mfr. Spec	17	No	1,700	☐	☐
X1	WALL MOUNT EXIT SIGN, STEEL HOUSING, RED LETTERING, NO ARROW WITH INTEGRAL BATTERY AND INTEGRAL LED HEADS	No	NA	6.6	Mfr. Spec	3	Exempt	---	☐	☐
							Total Designed Watts: CONDITIONED SPACES	1,700		

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS
This section does not apply to this project.

CERTIFICATE OF COMPLIANCE			**NRCC-LTI-E**
Project Name:	SBP Baggage Expansion	**Report Page:**	**(Page 4 of 8)**
		Date Prepared:	2024-05-17T13:04:27-04:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)
This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
		Field Inspector	
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Pass	Fail
NA < 4,000W subject to multilevel	See Area/Space Level Controls	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
								Field Inspector	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Pass	Fail
Building addition - baggage handling and screening room	General Commercial Industrial Work AreaLow Bay	Auth. Personnel	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
Existing Bag Screening room 101 controls alteration	General Commercial Industrial Work AreaLow Bay	Auth. Personnel	Dimmer	See Building Level	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
							13		
							Plan Sheet Showing Daylit Zones:		
							E-122		

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06

CERTIFICATE OF COMPLIANCE			**NRCC-LTI-E**
Project Name:	SBP Baggage Expansion	**Report Page:**	**(Page 5 of 8)**
		Date Prepared:	2024-05-17T13:04:27-04:00

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
Building addition - baggage handling and screening room	General Commercial Industrial Work AreaLow Bay	0.6	2,900	1,740	No	Yes
Existing Bag Screening room 101 controls alteration	General Commercial Industrial Work AreaLow Bay	0.6	870	522	No	No
		TOTALS:	3,770	2,262	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.

Mead & Hunt
Mead & Hunt, Inc.
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phone: 909-467-8560
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED:
09/03/25 ISSUED FOR PERMIT

M&H NO.: 1943000-222814.02
DATE: September 30, 2025
DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
DO NOT SCALE DRAWINGS

SHEET CONTENTS
CAL GREEN CHECKLIST

SHEET NO.:
E-011

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P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This table includes all areas indicated in Table I or Table K as using a PAF credit described in 140.6(a)2 / 170.2(e)2B.

Conditioned Spaces

01	02									03	04	05	06	07
Area Description	PAF per 140.6(a)2 / 170.2(e)2B[1] (*Can be used in conjunction with other PAF'S)									Luminaires Controlled for PAF Credit				Additional Control Credit Allowance (Watts)
	1	2A	2B	3A*	3B*	4*	5*	6*	7*	Luminaire Name or Item Tag	Luminaire Design Watts	Number of Luminaires	Lighting Controlled (Watts)	
				Pick up to one	Pick up to one		Pick up to one[2]		Pick up to one[2]					
Building addition - baggage handling and screening room	☒	☐	☐	☐	☐	☒	☐	☐	☐	G1 and G1E	100	17	1700	255
08										09				
☐	All spaces applying PAF 5, 6 or 7 include a daylight design meeting requirements in 140.3(d). See Table S.									**Total Power Adjustment (Watts) CONDITIONED SPACES:**				255

[1] FOOTNOTES: PAFs outlined in Table 140.6-A /170.2-L include 1) Daylight continuous dimming plus OFF; 2A) Occupant sensors in offices with one sensor per <= 125 ft²; 2B) Occupant sensors in offices with one sensor per 126 - 250 ft²; 3A) Institutional tuning, non-daylit areas and 3B) Institutional tuning, daylit areas; 4) Demand response; 5) Clerestory fenestration; 6) Horizontal slats; 7) Light shelves.

[2] Luminaires that qualify for PAF 5, 6, or 7 can be used in conjunction with PAF 1.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Building addition - baggage handling and screening room
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	Building addition - baggage handling and screening room

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Richard Vojtisek	Documentation Author Signature:
Company: Mead And Hunt	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Richard Vojtisek	Responsible Designer Signature:
Company: Mead And Hunt	Date Signed:
Address:	License:
City/State/Zip:	Phone:

Mead & Hunt
Mead & Hunt, Inc.
3110 E.Guasti Road,
Suite 330
Ontario, CA 91761
phone: 909-467-8560
meadhunt.com

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.
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SHEET NO.:
E-012

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Outdoor Lighting Mandatory Measures:

110.9 OUTDOOR LIGHTING CONTROLS AND COMPONENTS
ALL LIGHTING CONTROL DEVICES AND SYSTEMS, AND ALL LIGHT SOURCES SHALL MEET THE APPLICABLE REQUIREMENTS OF 110.9.

130.0 GENERAL LUMINAIRE REQUIREMENTS
ALL LUMINAIRES SHALL BE FACTORY-LABELLED PER 130.0(c).
ENERGY MANAGEMENT CONTROL SYSTEMS (EMCS) SHALL MEET REQUIREMENTS OF 130.0(e).

130.2(b) LUMINAIRE SHIELDING REQUIREMENTS
ALL OUTDOOR LUMINAIRES WITH INITIAL LUMINAIRE LUMENS >=6,200 SHALL COMPLY WITH THE BACKLIGHT, UPLIGHT AND GLARE (BUG) REQUIREMENTS OF TITLE 24, PART 11, SECTION 5.106.8.

130.2(c) CONTROLS FOR OUTDOOR LIGHTING
ALL OUTDOOR LIGHTING SHALL BE INDEPENDENTLY CONTROLLED FROM OTHER ELECTRICAL LOADS AND SHALL HAVE THE FOLLOWING FEATURES:

1. AUTOMATICALLY TURNS OFF OUTDOOR LIGHTING WHEN DAYLIGHT IS AVAILABLE

2. AUTOMATIC SCHEDULING CONTROLS
   - A. AUTOMATIC SCHEDULING CONTROLS SHALL BE INSTALLED FOR ALL OUTDOOR LIGHTING.
   - B. CAPABLE OF REDUCING LIGHTING POWER AT LEAST 50% AND NO MORE THAN 90% AND SEPARATELY CAPABLE OF TURNING LIGHTING OFF DURING UNOCCUPIED PERIODS
   - C. THAT ALLOW SCHEDULING OF AT LEAST TWO NIGHTTIME PERIODS WITH INDEPENDENT LIGHTING LEVELS (MAY INCLUDE OVERRIDE FOR NO MORE THAN 2 HOURS)

3. MOTION SENSING CONTROLS
   - A. SHALL BE INSTALLED FOR THE FOLLOWING AND MAY BE INSTALLED FOR OTHER OUTDOOR LIGHTING AND IN COMBINATION WITH OTHER OUTDOOR LIGHTING CONTROLS:
     (i) ORNAMENTAL HARDSCAPE, OUTDOOR DINING, OR OUTDOOR SALES FRONTAGE LIGHTING MOUNTED 24 FT ABOVE GRADE OR LOWER
     (ii)WALL MOUNTED LUMINAIRES INSTALLED FOR BUILDING FACADE, ORNAMENTAL HARDSCAPE, OUTDOOR DINING LIGHTING THAT HAVE A BILATERALLY SYMMETRIC DISTRIBUTION (AS DESCRIBED IN THE IES HANDBOOK) MOUNTED 24 FEET OR LESS ABOVE GRADE
   - B. CAPABLE OF REDUCING LIGHTING POWER AT LEAST 50% AND NO MORE THAN 90% AND SEPARATELY CAPABLE OF TURNING LIGHTING OFF DURING UNOCCUPIED PERIODS
   - C. CAPABLE OF DIMMING OR TURNING OFF LIGHTING NO LONGER THAN 15 MINUTES AFTER AREA IS VACATED AND TURNING LIGHTING ON WHEN AREA BECOMES OCCUPIED
   - D. SINGLE SENSORS CAN CONTROL NO MORE THAN 1,500 WATTS OF LIGHTING POWER

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	**(Page 1 of 8)**
Project Address:	**Date Prepared:**	2024-05-17T11:46:20-04:00

This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	San Luis Obispo	04	Total Illuminated Hardscape Area (ft²)	0
02	Climate Zone	5			
03	Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):				
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
● Commercial Industrial ● Support Areas					

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02	
☐ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6	
☒ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	● Yes ○ No
03	04	05
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%		

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv											Compliance Results		
01		02		03		04		05		06		07	08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥	**Total Actual** (Watts)	**07 must be >= 08**
0	+	---	+	---	+	---	+	1,392	OR	---	=	1,392	≥	48	COMPLIES
												Shielding Compliance (See Table G for Details)			COMPLIES
												Controls Compliance (See Table H for Details)			COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	**(Page 3 of 8)**
	Date Prepared:	2024-05-17T11:46:20-04:00

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1, 2]	How is Wattage determined	Total Number Luminaires[2]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
K1E	LED WALL PACK WITH GENERATOR TRANSFER DEVICE, BLACK POWDER COATED FINISH, TITLE 24 COMPLIANT	☐ Linear	12	Mfr. Spec	4	New	☐	48	NA: < 6200 lumens	☐	☐
K2	LED ROUND SURFACE MOUNT, MEDIUM DISTRIBUTION, 0-10V DIMMING, WET LOCATION LISTED, MEDIUM DISTRIBUTION, TITLE 24 COMPLIANT	☐ Linear	58	Mfr. Spec	24	New	☒	---	Provided	☐	☐
							Total Design Watts:		48		

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)*
[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*
[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*
[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)*

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	**(Page 4 of 8)**
	Date Prepared:	2024-05-17T11:46:20-04:00

G. SHIELDING REQUIREMENTS (BUG)

This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Shielding Requirements. Maximum lumens can be found in Title 24, Part 11, Section 5.106.8.

01	02	03	04	05	06	07	08	09	10	11	12	
Name or Item Tag	Complete Luminaire Description	Backlight Rating[2]			Uplight Rating[2]			Glare Rating (Lumens)[2]			Field Inspector	
		Mounting Height[1]	Max Allowable Backlight Rating[3]	Backlight Rating Per Design	Lighting type	Max Allowable Uplight Rating[3]	Uplight Rating Per Design	Mounting Height[1]	Max Allowable Glare Rating[3]	Glare Rating Per Design	Pass	Fail
K2	LED ROUND SURFACE MOUNT, MEDIUM DISTRIBUTION, 0-10V DIMMING, WET LOCATION LISTED, MEDIUM DISTRIBUTION, TITLE 24 COMPLIANT	2 MH from property line	No Limit	B3	Area Lighting	U0	U0	> 2 MH from property line	G3	G2	☐	☐

[1] *FOOTNOTES: Mounting Height is labeled MH in this table.*
[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per 130.2(b)/ 160.5(c)*
[3] *BUG ratings with a lower number than the 'Max Allowable' are compliant. Ex. If Max Allowable is Bug Rating B4, then B0, B1, B2 and B3 are all compliant.*

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	**(Page 5 of 8)**
	Date Prepared:	2024-05-17T11:46:20-04:00

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
Canopy lighting for baggage conveyors required to meet FAA guidelines: "K2"	Astronomical Timer	Provided	Provided	☐	☐
Canopy lighting for baggage conveyors required to meet FAA guidelines: "K1E"	Astronomical Timer	Provided	NA: Facade, etc. <=24 ft	☐	☐

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*
[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*
[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

01				
"Use it or lose it" Allowance (select all that apply) (select all that apply)				
☐ General Hardscape Allowance Table I (below)	☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☒ Per Specific Area Table M

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	**(Page 6 of 8)**
	Date Prepared:	2024-05-17T11:46:20-04:00

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B /Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	CALCULATED ALLOWANCE (Watts)			DESIGN WATTS				Additional Allowance (Watts)
		Specific Area (ft²)[1]	Allowed Density (W/ft²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	
Canopy lighting for baggage conveyors required to meet FAA guidelines	NonSalesCanopy	5250	0.27	1417.5	K2	58	24	1,392	1392
							Total Design Watts for this Area:		1392	
							Total Allowance (Watts) All Areas:		1392	

[1] *FOOTNOTES: See Table 140.7-B /Table 170.2-S for rules for calculating the specific areas (ft² for these additional lighting allowances.*
[2] *For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	**(Page 7 of 8)**
	Date Prepared:	2024-05-17T11:46:20-04:00

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Canopy lighting for baggage conveyors required to meet FAA guidelines: "K2"; Canopy lighting for baggage conveyors required to meet FAA guidelines: "K1E"

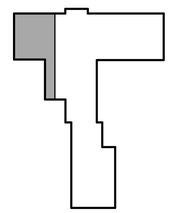
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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
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KEY PLAN

M&H NO.: 1943000-222814.02
DATE: September 30, 2025
DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SBP Baggage Expansion	**Report Page:**	(Page 8 of 8)
Project Address:	**Date Prepared:**	2024-05-17T11:46:20-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: Richard Vojtisek	Documentation Author Signature:
Company: Mead And Hunt	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Richard Vojtisek	Responsible Designer Signature:
Company: Mead And Hunt	Date Signed:
Address:	License:
City/State/Zip:	Phone:

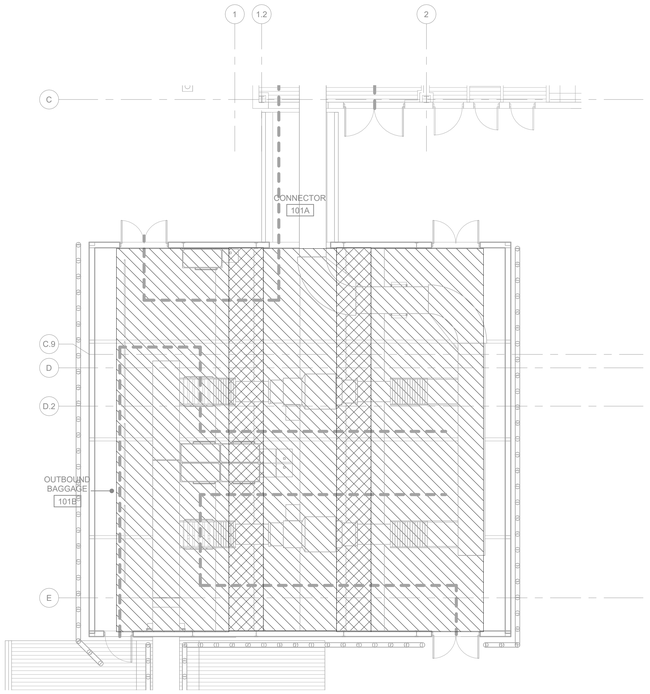
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

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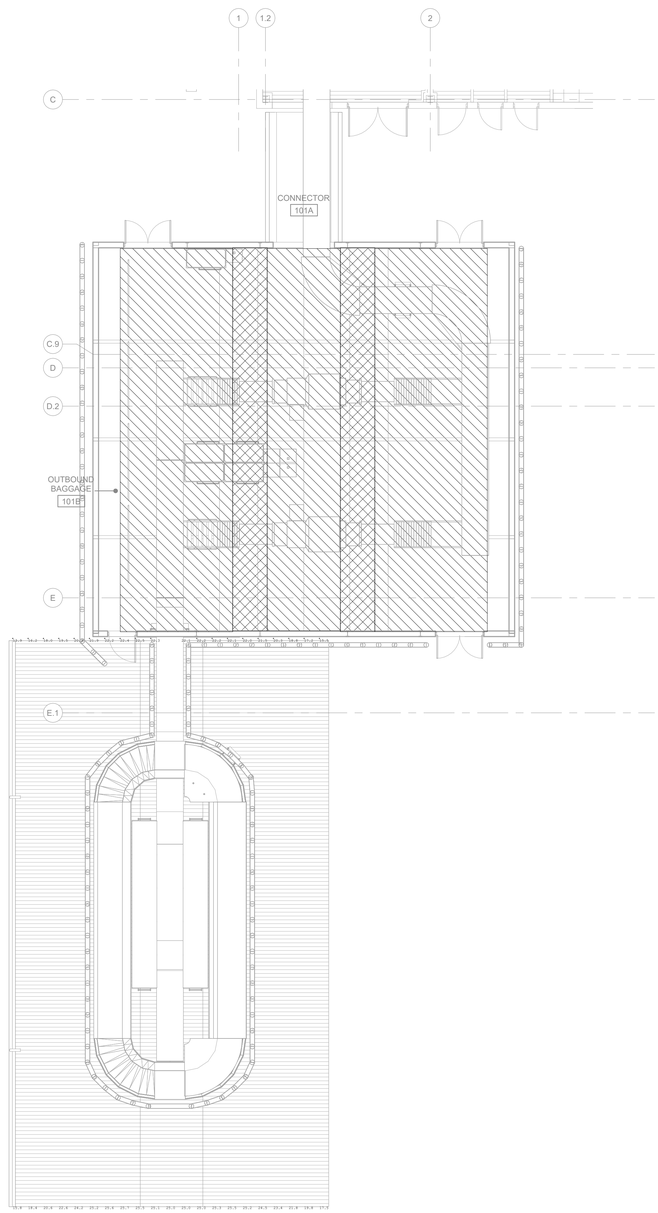
Report Version: 2022.0.000
Schema Version: rev 20220101

Documentation Software: Energy Code Ace

Compliance ID: 190207-0524-0008
Report Generated: 2024-05-17 08:46:23



N 2 **FIRST FLOOR EGRESS LIGHTING PHOTOMETRIC PLAN**
1/8" = 1'-0"



N 1 **FIRST FLOOR LIGHTING PHOTOMETRIC PLAN**
1/8" = 1'-0"

FEEDER VOLTAGE DROP - 2% MAXIMUM VOLTAGE DROP

CIRCUIT/LOAD	DESCRIPTION	VDROP DIST. (FT)		LOAD			RATING		MIN. PHASE CONDUCTOR
		ACTUAL DISTANCE	MAX DIST	KW	FLA (AMPS)	MCA (AMPS)	VOLTS	PHASE	
PANEL	PANEL L1SC	295	462		200	240	480	3	250
XFM Pri	XFMR LB1CC	8	219	30	36.1	43.3	480	3	8
XFM Sec	PANEL L1CC	8	120	30	83.3	100	208	3	3
MCP3 - PDP	BAGGAGE HANDLING CONTROL PANEL	22	274		45	54	480	3	6
MCP4 - PDP	BAGGAGE HANDLING CONTROL PANEL	14	276		67	80.4	480	3	4

BRANCH CIRCUIT VOLTAGE DROP - 3% MAXIMUM VOLTAGE DROP

CIRCUIT/LOAD	DESCRIPTION	VDROP DIST. (FT)		LOAD			RATING		MIN. PHASE CONDUCTOR
		ACTUAL DISTANCE	MAX DIST	KW	FLA (AMPS)	MCA (AMPS)	VOLTS	PHASE	
Typical Lighting	LONGEST RUN / LARGEST LOAD IN...	212	278	2.2	8.8	10.6	277	1	12
L1SC-1	RECEPS	145	176		6	7.2	120	1	12
L1SC-3	RECEPS	129	176		6	7.2	120	1	12
L1SC-5	RECEPS	112	176		6	7.2	120	1	12
L1SC-7,9	EDS	104	135		21	25.2	208	1	10
L1SC-11,13	EDS (F)	84	135		21	25.2	208	1	10
L1SC-15	PVS	100	132		8	9.6	120	1	12
L1SC-17	PVS (F)	87	132		8	9.6	120	1	12
L1SC-19	ETD'S	98	176		6	7.2	120	1	12
L1SC-21	SVS	101	176		6	7.2	120	1	12
L1SC-23	SVS (F)	97	176		6	7.2	120	1	12
L1SC-25	WORK STATIONS	106	353		3	3.6	120	1	12
L1SC-27	WORK STATIONS	111	353		3	3.6	120	1	12
L1SC-29	OVERSIZED BAG SCREEN	80	176		6	7.2	120	1	12
L1SC-31	DF-1	91	176		6	7.2	120	1	12
L1SC-33	RECEPS	203	212		5	6	120	1	12
AHU-1	AIR HANDLING UNIT	74	376		13	15.6	480	3	12

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

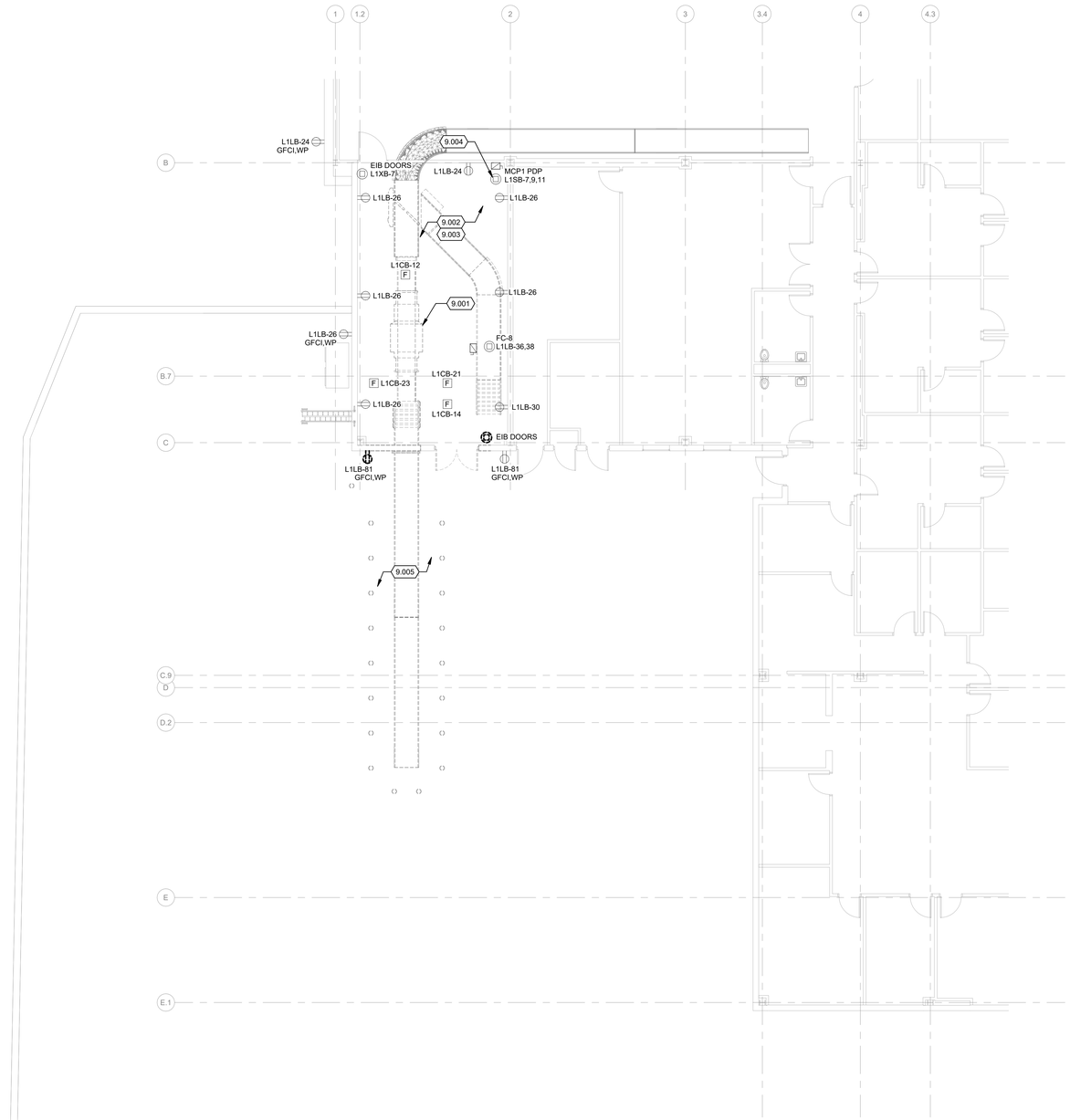
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SHEET CONTENTS
CAL GREEN CHECKLIST

SHEET NO.:
E-014

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N 1 **FIRST FLOOR POWER DEMO PLAN**
1/8" = 1'-0"

DEMOLITION GENERAL NOTES:

1. EXISTING CONDITIONS SHOWN ARE BASED ON FIELD INVESTIGATION AND EXISTING DRAWINGS. LOCATIONS, QUANTITIES AND CIRCUIT INFORMATION IS SUBJECT TO FIELD VERIFICATION
2. ALL DEVICES NOTED AS TO BE REMOVED SHALL BE FIELD VERIFIED FOR ADDITIONAL EQUIPMENT, RECEPTACLES, ETC. ON THE SAME CIRCUIT TO REMAIN. CONTRACTOR SHALL PROVIDE BOXES, SPLICES, ETC. TO MAINTAIN CIRCUIT CONTINUITY

KEYED NOTES

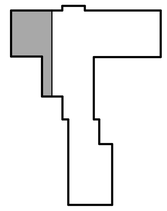
9.001 EQUIPMENT TO BE RE-LOCATED BY BHS CONTRACTOR. FIELD WIRING SHALL BE REMOVED BY DIV 26. REMOVE ALL POWER WIRING FROM EDS MACHINE FROM EQUIPMENT BACK TO SOURCE. WHERE EQUIPMENT IS PLUG AND RECEPTACLE STYLE, WIRING FROM FLOOR BOX TO PANEL MAY REMAIN IN PLACE. FLOOR BOX SHALL BE PROVIDED WITH PERMANENT, BUT REMOVABLE BLANK, FLUSH COVER.

9.002 (TYP) BAGGAGE HANDLING EQUIPMENT WIRED BACK TO MCP SHALL BE REMOVED ENTIRELY BY BHS CONTRACTOR, INCLUDING WIRING. ALL TSA EQUIPMENT WIRING AND RACEWAYS SHALL BE REMOVED BACK TO SOURCE, INCLUDING BUT NOT LIMITED TO WORKSTATIONS, ETD UNITS, AND OTHER EQUIPMENT NOT WIRED TO MCP BY DIV 26. WIRING FOR HARD WIRED EQUIPMENT SHALL BE REMOVED FROM EQUIPMENT, BACK TO ITS SOURCE INCLUDING ALL RACEWAYS, SUPPORTS, ETC. FLUSH WALL OR FLOOR DEVICES SERVING PLUG CONNECTED EQUIPMENT MAY BE LEFT IN PLACE. FLOOR DEVICES SHALL BE PROVIDED WITH PERMANENT BLANK, FLUSH, REMOVABLE OR HINGED COVER.

9.003 WHERE RACEWAYS ARE ROUTED THROUGH NON-REMOVABLE WALLS, CEILINGS, OR TRAVERSE THROUGH PORTIONS OF THE AIRPORT TO REMAIN IN OPERATION DURING CONSTRUCTION MAY BE ABANDONED IN PLACE. ALL WIRING SHALL BE REMOVED, AND ALL PORTIONS OF THE RACEWAY ROUTED THROUGH UTILITY SPACES, OR AREAS WITHIN THE BOUNDS OF CONSTRUCTION LIMITS SHALL BE REMOVED.

9.004 MCP1 PDP TO REMAIN TO SERVE EXISTING CONVEYORS AND EQUIPMENT TO REMAIN, ALL WIRING FROM MCP1 TO LOADS TO BE REMOVED/RELOCATED SHALL BE BY BHS.

9.005 ALL RACEWAYS SERVING TSA LOADS, LIGHTING AND POWER DEVICES INSTALLED UNDER SLAB OR UNDER CANOPY TO BE REMOVED BY DIV 26 BACK TO SOURCE. UNDER SLAB RACEWAYS EXTENDING UNDER BUILDING OR SLABS TO REMAIN SHALL HAVE WIRING REMOVED, RACEWAYS CUT, CAPPED, AND ABANDONED IN PLACE.



KEY PLAN

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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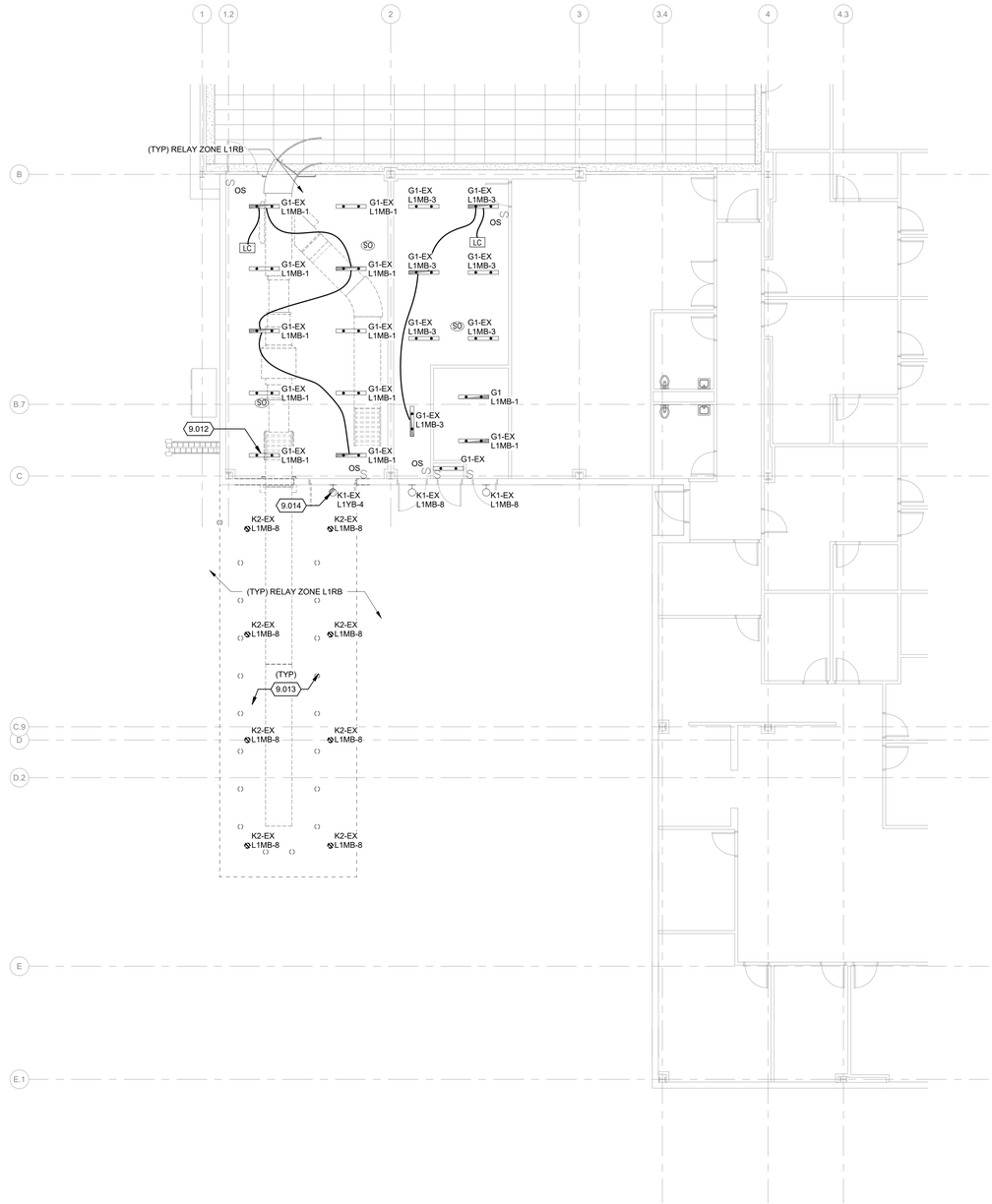
SHEET CONTENTS:
FIRST FLOOR POWER DEMOLITION PLAN

SHEET NO.:
ED101

2/24/2026 3:47:21 PM C:\Revit Local\222814.02-E-R24_Richard.vojtisek.rvt

DEMOLITION GENERAL NOTES:

1. EXISTING CONDITIONS SHOWN ARE BASED ON FIELD INVESTIGATION AND EXISTING DRAWINGS. LOCATIONS, QUANTITIES AND CIRCUIT INFORMATION IS SUBJECT TO FIELD VERIFICATION
2. ALL DEVICES NOTED AS TO BE REMOVED SHALL BE FIELD VERIFIED FOR ADDITIONAL EQUIPMENT, RECEPTACLES, ETC. ON THE SAME CIRCUIT TO REMAIN. CONTRACTOR SHALL PROVIDE BOXES, SPLICES, ETC. TO MAINTAIN CIRCUIT CONTINUITY



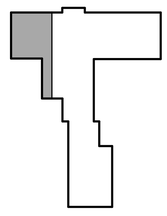
N 1 **FIRST FLOOR LIGHTING DEMO PLAN**
1/8" = 1'-0"

KEYED NOTES

9.012 INTERCEPT NORMAL POWER CIRCUIT, L1MB-1, UPSTREAM ALL CONTROL DEVICES IN ROOM. MAINTAIN WIRING FROM RELAY IN L1RB. EXISTING RELAY TIME CLOCK CONTROLS SHALL BE EXTENDED TO AREA OF NEW WORK. EXTEND TO NEW ADDITION. UNLESS NOTED, ALL NORMAL POWER FOR LIGHT FIXTURES IN BAGGAGE HANDLING ADDITION SHALL BE POWERED FROM THIS CIRCUIT.

9.013 EXISTING CIRCUIT L1MB-8 SERVING NORMAL LIGHTS REMOVED FROM EXISTING CANOPY VIA RELAY PANEL L1RB TO BE EXTENDED FROM UPSTREAM ALL CONTROL DEVICES TO NEW CANOPY LIGHTING. EXISTING TIME CLOCK AND PHOTOCELL OPERATION OF EXTERIOR FIXTURES IN EXISTING RELAY GROUP TO BE MAINTAINED. ALL CANOPY MOUNTED FIXTURES SHALL BE POWERED FROM THIS CIRCUIT UNLESS NOTED.

9.014 EXISTING EMERGENCY CIRCUIT L1YB-4 TO BE EXTENDED TO FIXTURES NOTED. MAINTAIN CONTROLS FUNCTIONALITY FROM EXISTING RELAY GROUP IN RELAY PANEL L1RB.



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975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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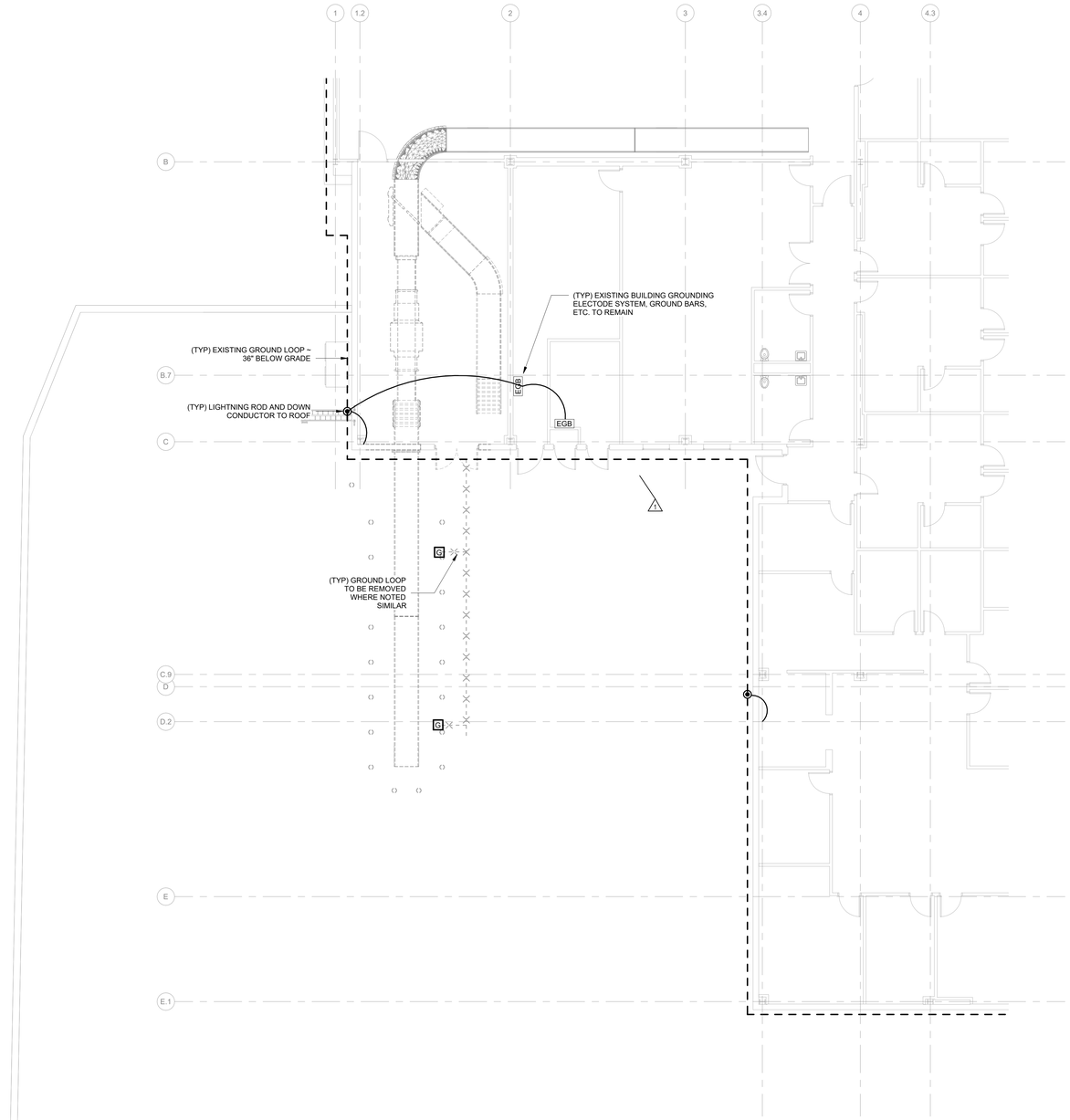
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FIRST FLOOR LIGHTING DEMOLITION PLAN

SHEET NO.:
ED121

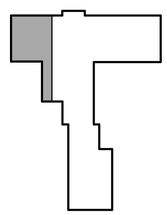
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GENERAL NOTES:

1. DRAWINGS ARE BASED ON AS-BUILT CONSTRUCTION DRAWINGS AND SITE INVESTIGATION. EXACT LOCATIONS ARE SUBJECT TO SITE CONDITIONS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD



N 1 **FIRST FLOOR POWER DEMO PLAN**
1/8" = 1'-0"



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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
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SHEET CONTENTS
FIRST FLOOR GROUNDING DEMOLITION PLAN

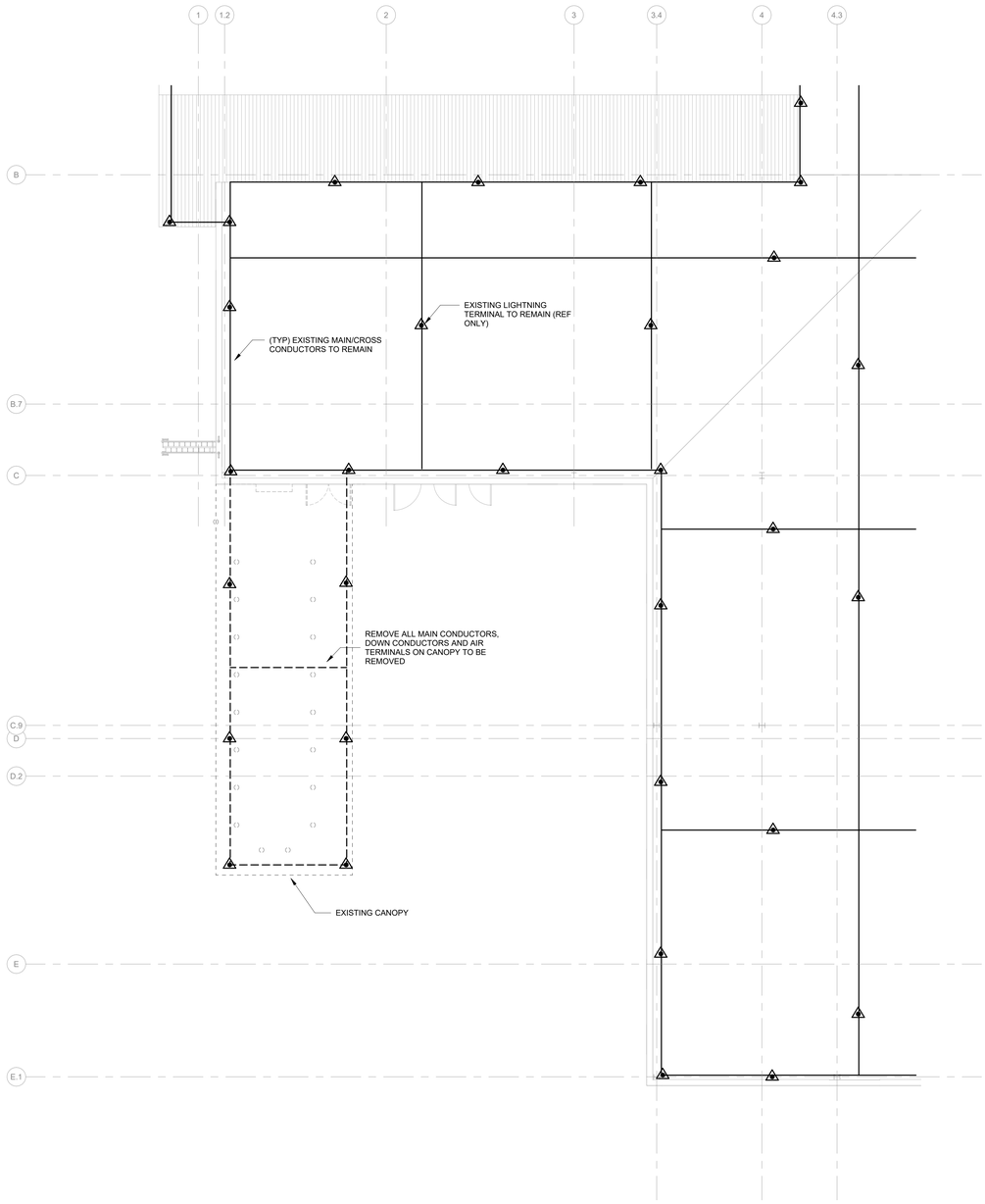
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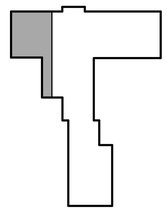
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GENERAL NOTES:

1. DRAWINGS ARE BASED ON AS-BUILT CONSTRUCTION DRAWINGS AND SITE INVESTIGATION. EXACT LOCATIONS ARE SUBJECT TO SITE CONDITIONS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD



N 1 **PARTIAL ROOF GROUNDING/LPS DEMO**
1/8" = 1'-0"



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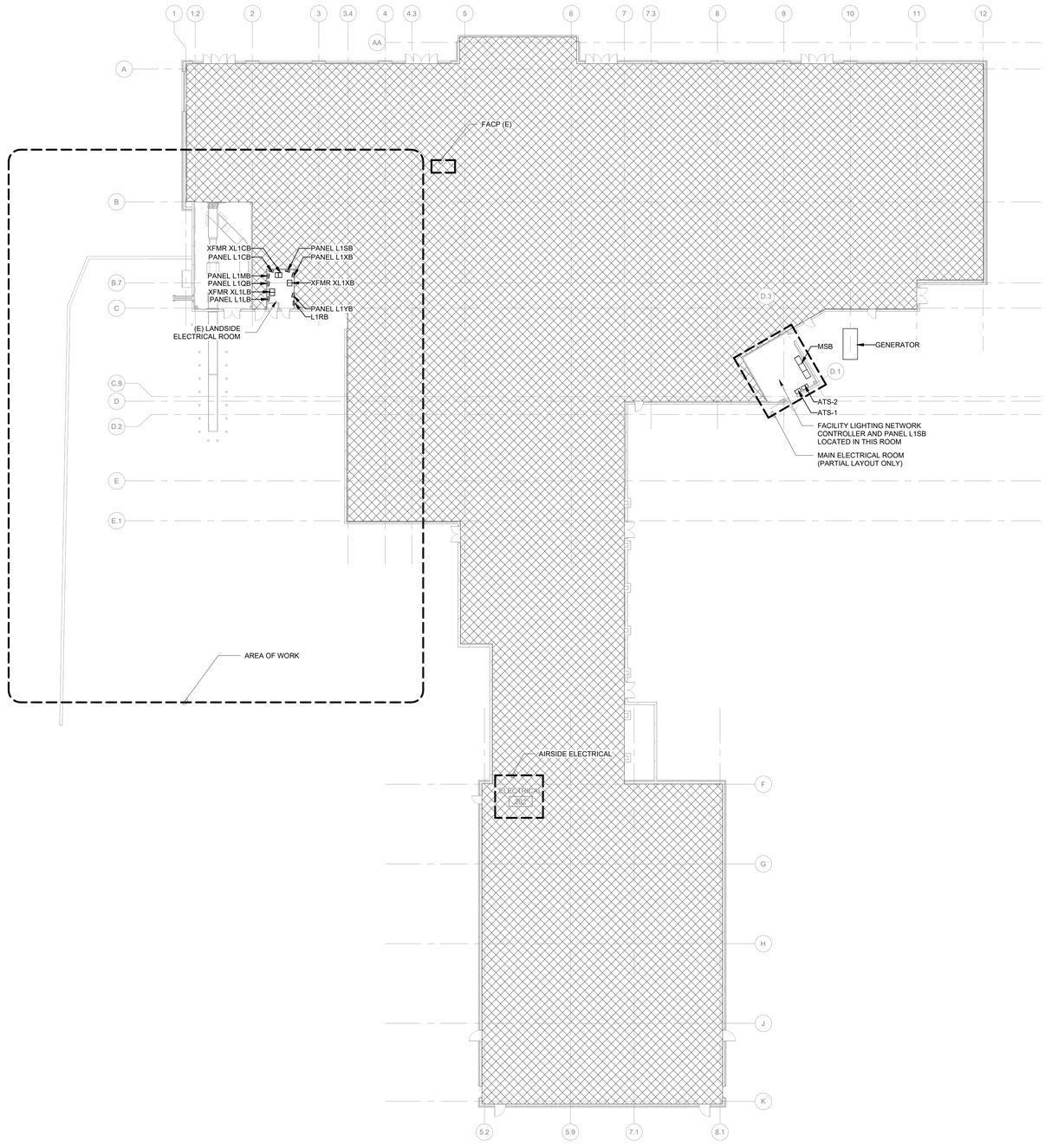
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ROOF GROUNDING/LPS DEMO PLAN

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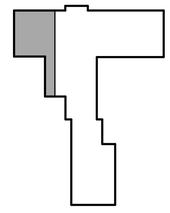
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GENERAL NOTES:

1. REFER TO SHEET E-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.
2. REFER TO E-500 SERIES SHEETS FOR DETAILS, E-600 SERIES SHEETS FOR SCHEDULES, AND E-701 FOR ONE-LINE DIAGRAMS.
3. ALL CONDUIT MOUNTING ACCESSORIES SHALL BE SECURED TO SPRUNG STRUCTURE WITH MANUFACTURER RECOMMENDED CLAMPS AND FITTINGS, SIZED TO ACCOMMODATE THE LOAD THEY ARE CARRYING
4. SEE SPECIFICATIONS FOR SIESMIC DESIGN BRACING DELIGATED DESIGN REQUIREMENTS



N 1 **FIRST FLOOR POWER PLAN**
1" = 20'-0"



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FIRST FLOOR
OVERALL PLAN

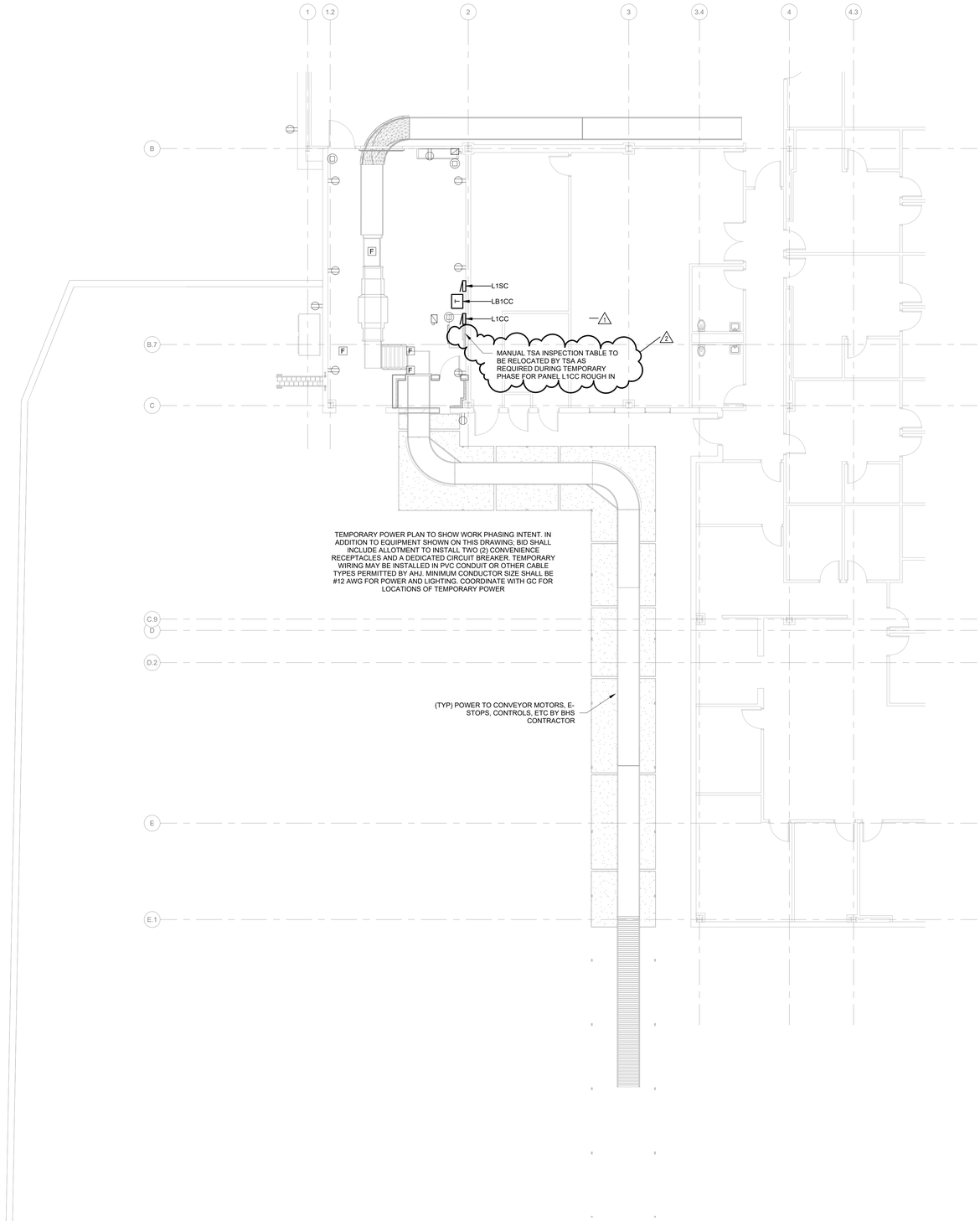
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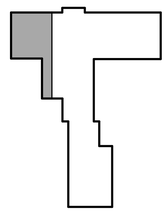
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4. SEE SPECIFICATIONS FOR SIESMIC DESIGN BRACING DELIGATED DESIGN REQUIREMENTS



TEMPORARY POWER PLAN TO SHOW WORK PHASING INTENT. IN ADDITION TO EQUIPMENT SHOWN ON THIS DRAWING; BID SHALL INCLUDE ALLOTMENT TO INSTALL TWO (2) CONVENIENCE RECEPTACLES AND A DEDICATED CIRCUIT BREAKER. TEMPORARY WIRING MAY BE INSTALLED IN PVC CONDUIT OR OTHER CABLE TYPES PERMITTED BY AHJ. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG FOR POWER AND LIGHTING. COORDINATE WITH GC FOR LOCATIONS OF TEMPORARY POWER

N 1 **PARTIAL FIRST FLOOR POWER PLAN TEMPORARY**
1/8" = 1'-0"



KEY PLAN

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

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2	01/28/26	PERMIT REVISION

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SHEET CONTENTS
FIRST FLOOR TEMPORARY POWER PLAN

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E-101

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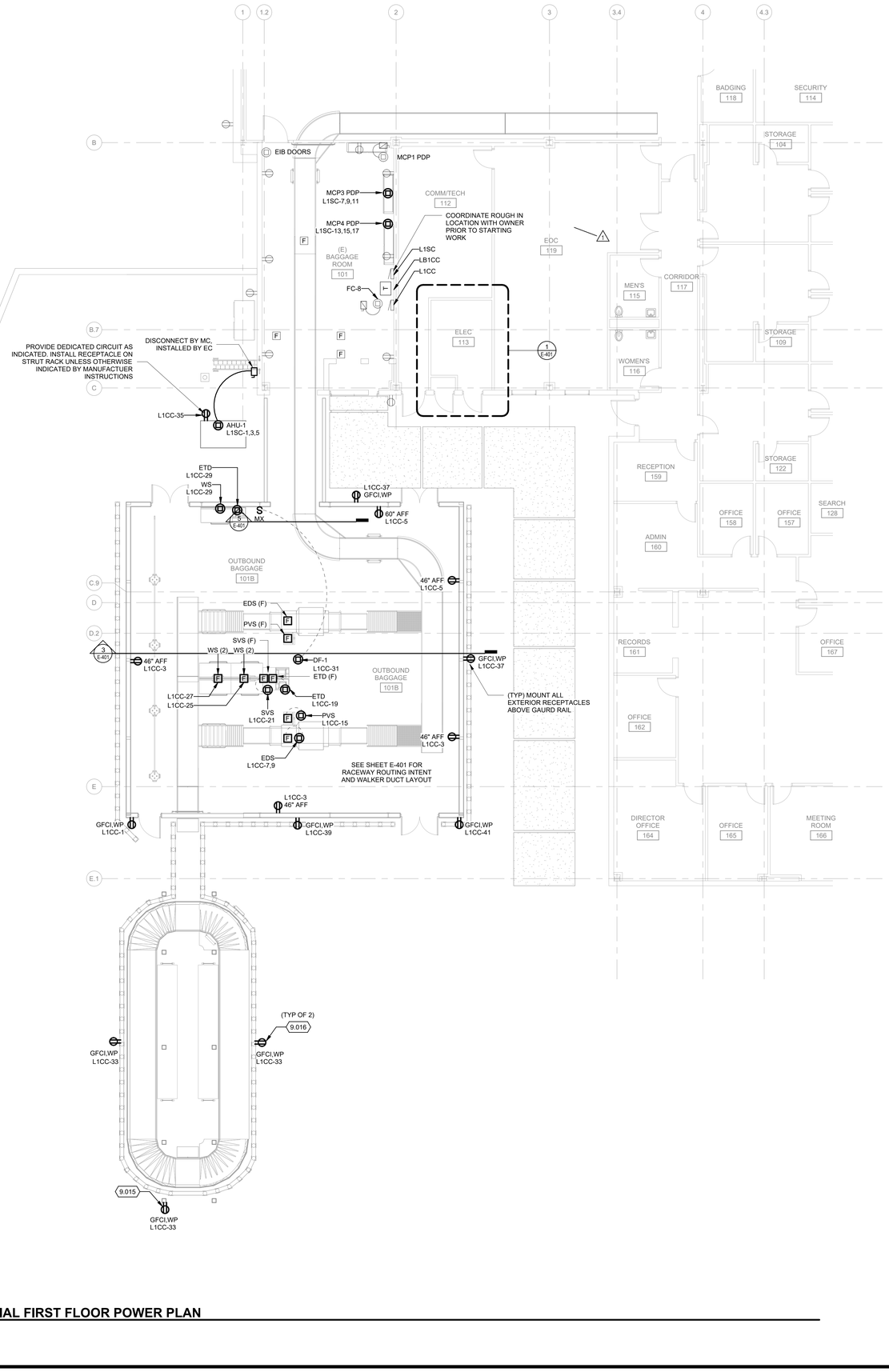
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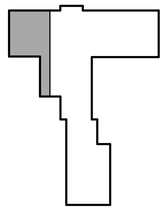
KEYED NOTES

9.015 MOUNT RECEPTACLE ON CANOPY COLUMN. PROVIDE WHILE-IN-USE STYLE COVER WITH WATER TIGHT FITTINGS. ROUTE RACEWAY UNDERGROUND, TRANSITION TO RMC WITHIN 3'-0" OF THE COLUMN, PROVIDE STRAP TYPE SUPPORT FOR BOX AND RACEWAY, DO NOT TAP OR DRILL COLUMN WITHOUT APPROVAL FROM STRUCTURAL ENGINEER.

9.016 MOUNT RECEPTACLE ON GUARD RAIL. COORDINATE LOCATION WITH BAGGAGE HANDLING CONTRACTOR, LOCATE RECEPTACLE BACKBOX WITH WHILE-IN-USE COVER ON THE INSIDE OF THE GUARDRAIL TO PROTECT FROM TUG COLLISION DAMAGE. ROUTE ALL CONDUITS ON INTERIOR SIDE OF GUARD RAIL. ALL EXTERIOR RACEWAYS SHALL BE RMC TYPE.



N 1 **PARTIAL FIRST FLOOR POWER PLAN**
1/8" = 1'-0"



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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

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SAN LUIS OBISPO, CA 93401

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M&H NO.: 1943000-222814.02
DATE: September 30, 2025
DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
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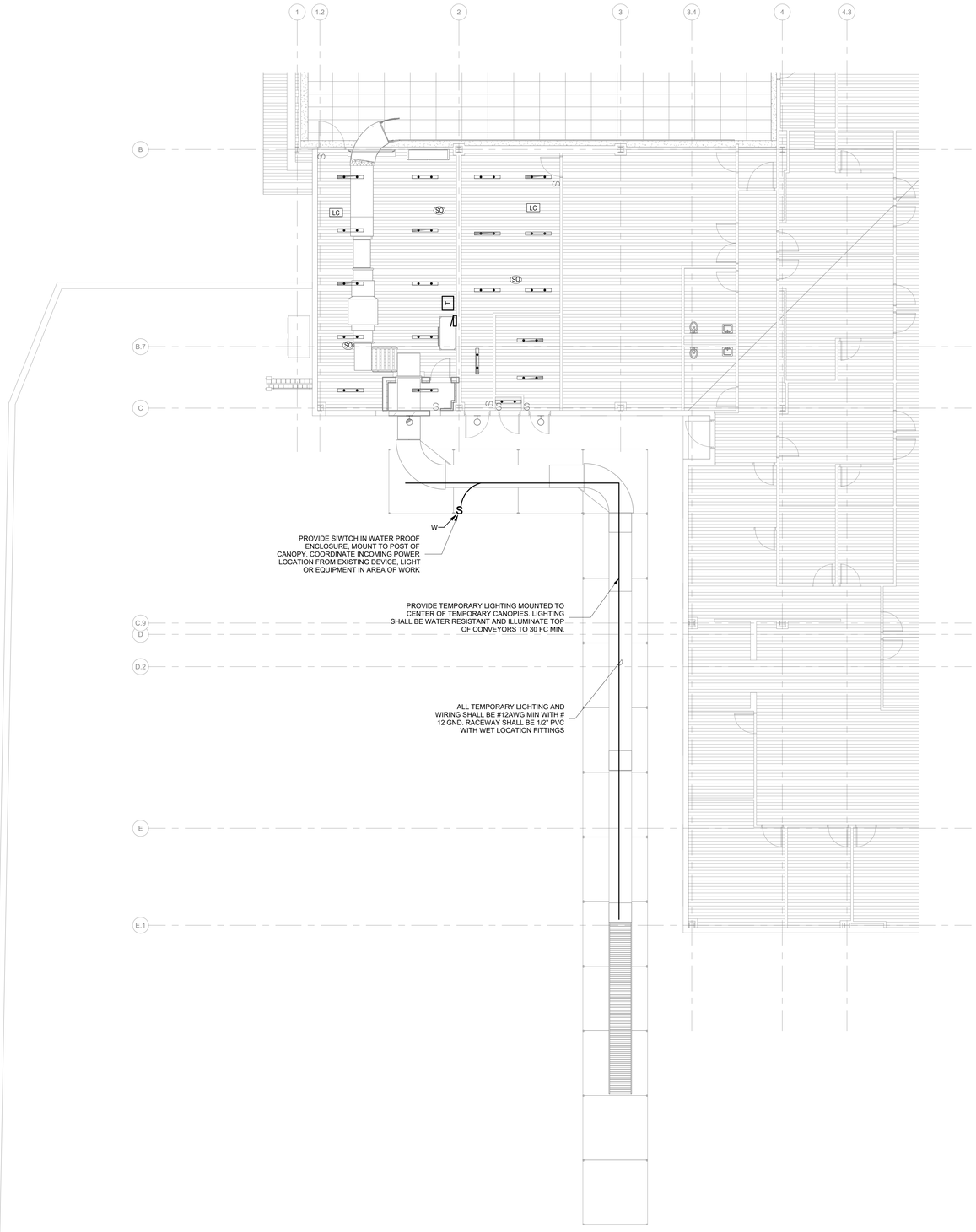
SHEET CONTENTS
FIRST FLOOR POWER PLAN

SHEET NO.:
E-102

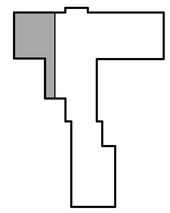
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GENERAL NOTES:

1. ALIGN DEVICES VERTICALLY WHERE LIGHTING, POWER AND OTHER DEVICES WITH DIFFERENT MOUNTING HEIGHTS ARE INDICATED CLOSE TO OTHER DEVICES.
2. LIGHT SWITCHES SHALL BE MOUNTED ON LATCH SIDE OF DOOR WITHIN 12" OF DOOR IN OPEN POSITION. COORDINATE LOCATION WITH OTHER WALL DEVICES PRIOR TO ROUGH-IN.
3. ALL CONDUIT MOUNTING ACCESSORIES SHALL BE SECURED TO SPRUNG STRUCTURE WITH MANUFACTURER RECOMMENDED CLAMPS AND FITTINGS, SIZED TO ACCOMMODATE THE LOAD THEY ARE CARRYING



N 1 **FIRST FLOOR LIGHTING PLAN**
1/8" = 1'-0"



KEY PLAN

Mead & Hunt

Mead & Hunt, Inc.
3110 E.Guasti Road,
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

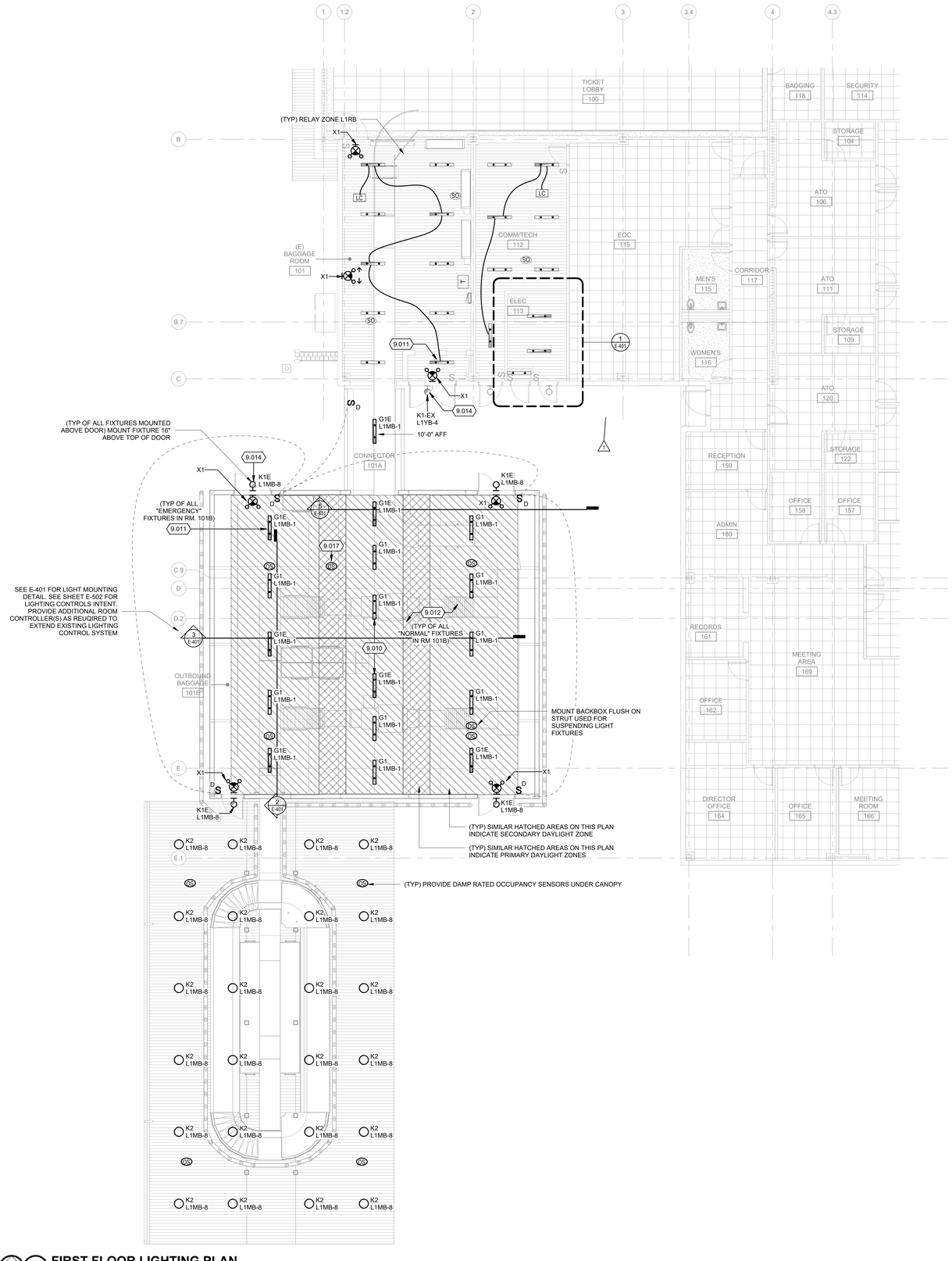
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SHEET CONTENTS
FIRST FLOOR TEMPORARY LIGHTING PLAN

SHEET NO.:
E-121

2/24/2026 3:47:29 PM C:\Revit Local\222814.02-E-R24_Richard.vojtisek.rvt



FIRST FLOOR LIGHTING PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. EXTEND AN UNSWITCHED PORTION OF THE CIRCUIT SERVING THE AREA AND OR SPACE TO EBU(S) AND OR EMERGENCY BATTERY/BALLAST WHERE INDICATED, SO THAT UPON LOSS OF NORMAL POWER LUMINAIRE(S) OPERATES FROM EMERGENCY BATTERY.
2. MOUNT EBU(S) AT 8'-0" AFF UNLESS NOTED OTHERWISE.
3. COORDINATE EGRESS LIGHTING AND EXIT REQUIREMENTS WITH ARCHITECTURAL LIFE SAFETY PLANS.
4. ALL EXIT SIGNS TO BE WIRED TO EMERGENCY CIRCUIT SERVING THE AREA.
5. LOCATE ALL PT'S IN ELECTRICAL ROOM, ADJACENT TO PANEL SERVING LIGHTS, OR LOCATED ABOVE LIGHT SWITCHES (8'-0" MIN.) AND LABEL AS REQUIRED FOR IDENTIFICATION OF LIGHTS IN THE AREA THEY ARE LOCATED. LOCATION OF PT'S SHOWN ON PLANS ARE DIAGRAMMATIC AND DO NOT SUGGEST THE ACTUAL QUANTITY REQUIRED. (1) PT PER SWITCH/SENSOR CONTROLLED AREA REQUIRED.
6. ALIGN DEVICES VERTICALLY WHERE LIGHTING, POWER AND OTHER DEVICES WITH DIFFERENT MOUNTING HEIGHTS ARE INDICATED CLOSE TO OTHER DEVICES.
7. LIGHT SWITCHES SHALL BE MOUNTED ON LATCH SIDE OF DOOR WITHIN 12" OF DOOR IN OPEN POSITION. COORDINATE LOCATION WITH OTHER WALL DEVICES PRIOR TO ROUGH-IN.
8. ALL WALL-MOUNTED LUMINAIRE MOUNTING HEIGHTS SHOWN ON PLANS ARE MEASURED AFF TO BOTTOM OF LUMINAIRE, UNLESS NOTED OTHERWISE
9. ALL CONDUIT MOUNTING ACCESSORIES SHALL BE SECURED TO SPRUNG STRUCTURE WITH MANUFACTURER RECOMMENDED CLAMPS AND FITTINGS, SIZED TO ACCOMMODATE THE LOAD THEY ARE CARRYING
10. SEE SPECIFICATIONS FOR SIESMIC DESIGN BRACING DELIGATED DESIGN REQUIREMENTS

KEYED NOTES

9.010 COORDINATE FIXTURE LOCATION WITH DESTRATIFICATION FAN, DO NOT LOCATE LIGHTS DIRECTLY UNDER FAN

9.011 INTERCEPT EMERGENCY CIRCUIT FROM EXISTING PANEL L1YB-1 AND EXTEND TO NEW ADDITION. THIS CIRCUIT SHALL BE WIRED TO ALL FIXTURES IDENTIFIED AS "EMERGENCY", INCLUDING ALL EXIT SIGNS. FIELD LOCATE AND EXTEND UNSWITCHED HOT CONDUCTOR THAT BYPASSES RELAY FROM CIRCUIT PROVIDING NORMAL POWER TO FIXTURE (L1MB-1) AND WIRE TO FIXTURE POWER TRANSFER DEVICE

9.012 INTERCEPT NORMAL POWER CIRCUIT, L1MB-1, UPSTREAM ALL CONTROL DEVICES IN ROOM, MAINTAIN WIRING FROM RELAY IN L1RB. EXISTING RELAY TIME CLOCK CONTROLS SHALL BE EXTENDED TO AREA OF NEW WORK. EXTEND TO NEW ADDITION. UNLESS NOTED, ALL NORMAL POWER FOR LIGHT FIXTURES IN BAGGAGE HANDLING ADDITION SHALL BE POWERED FROM THIS CIRCUIT.

9.014 EXISTING EMERGENCY CIRCUIT L1YB-4 TO BE EXTENDED TO FIXTURES NOTED. MAINTAIN CONTROLS FUNCTIONALITY FROM EXISTING RELAY GROUP IN RELAY PANEL L1RB.

9.017 PENDANT MOUNT SENSOR FROM STRUCTURE ABOVE

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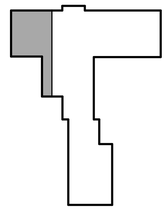
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED:
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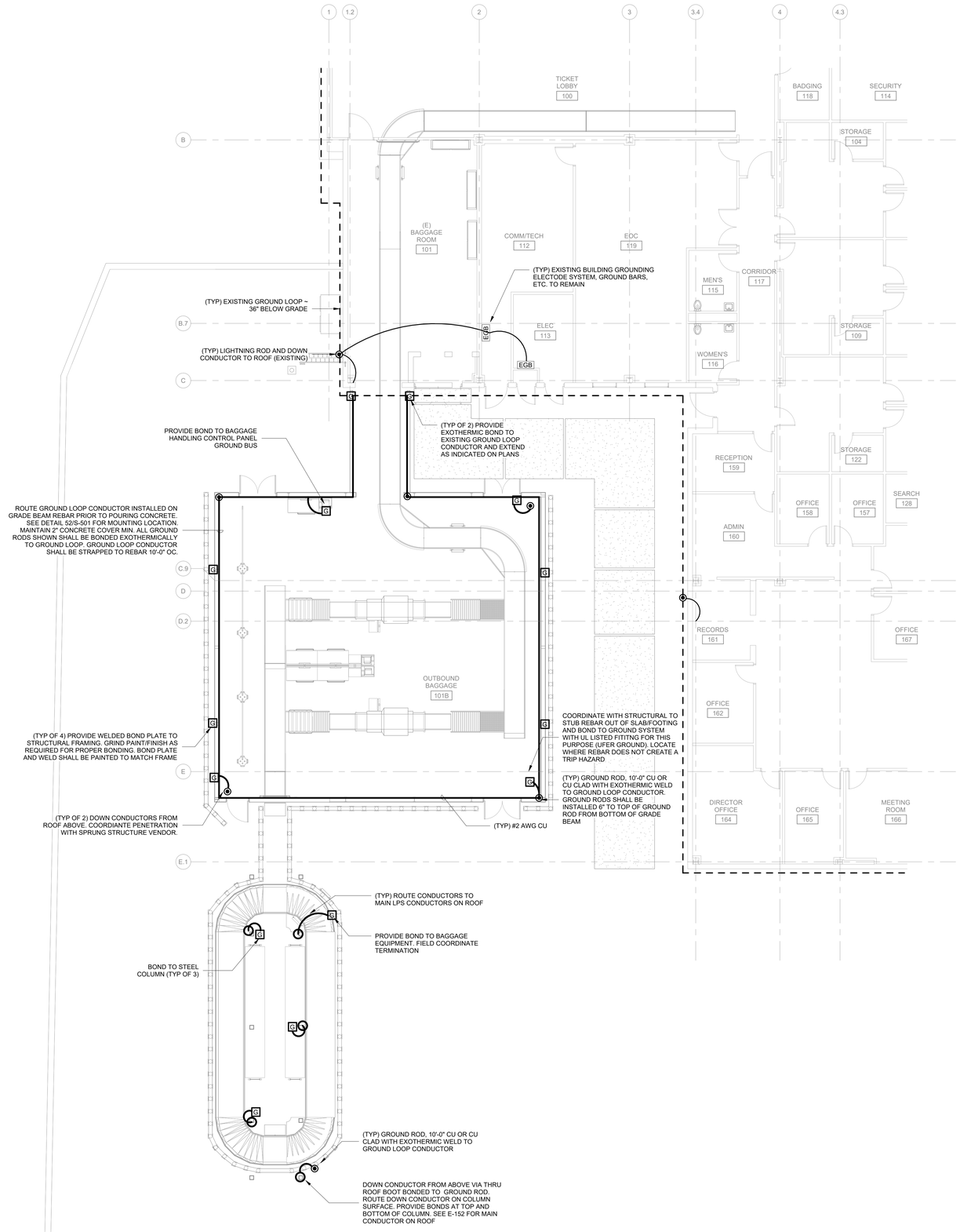
KEY PLAN

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DESIGNED BY: RJV
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CHECKED BY: JRH
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SHEET CONTENTS
FIRST FLOOR LIGHTING PLAN

SHEET NO.:
E-122

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N 1 **PARTIAL FIRST FLOOR GROUNDING PLAN**
1/8" = 1'-0"

GENERAL NOTES:

1. THE INTENT OF THE LIGHTNING PROTECTION SYSTEM (LPS) IS SHOWN ON THIS DRAWING. ELECTRICAL CONTRACTOR SHALL PROVIDE A DESIGN THAT MEETS THE REQUIREMENTS INDENTIFIED IN SPECIFICATION 264113.
2. THE LIGHTNING PROTECTION INSTALLATION SHALL COMPLY IN ALL RESPECTS TO LIGHTNING PROTECTION INSTITUTE STANDARD 175. THE INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER. THE COMPLETED INSTALLATION WILL RECEIVE SYSTEM CERTIFICATION SUBMITTAL FORM LPI 176.
3. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT AND INCONSPICUOUS MANNER SO THAT ALL COMPONENTS WILL BLEND IN WITH THE APPEARANCE OF THE BUILDING. ALL DOWN CONDUCTORS SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT CONCEALED FROM NORMAL VIEW FROM EXTERIOR LOCATIONS. EXPOSED CONDUIT AND/OR CONDUCTORS ON THE BUILDING EXTERIOR IS UNACCEPTABLE.
4. THE DESIGN LAYOUT AND INSTALLATION DETAILS SHALL MEET THE REQUIREMENTS OF UNDERWRITERS' LABORATORIES STANDARD 96A FOR MASTER LABELED LIGHTNING PROTECTION SYSTEMS. THE ACTUAL MASTER LABEL WILL BE DELIVERED UPON COMPLETION OF INSTALLATION.
5. THE DESIGN LAYOUT AND INSTALLATION DETAILS SHALL MEET THE REQUIREMENTS OF NFPA 780, CURRENT EDITION.
6. INDUCTIVE METAL BODIES LOCATED ABOUT THE ROOF SUCH AS: METAL FLASHING, GRAVEL STOPS, ROOF DRAINS, SOIL PIPE VENTS, INSULATION VENTS, LOUVERS AND DOOR FRAMES SITUATED WITHIN (6'-0") OF A LIGHTNING CONDUCTOR OR BONDED METAL BODY SHALL BE INTERCONNECTED TO THE LIGHTNING CONDUCTOR SYSTEM.
7. NO BEND OF A CONDUCTOR SHALL FORM A FINAL INCLUDED ANGLE OF LESS THAN 90 DEGREES NOR SHALL BEND RADIUS OF LESS THAN (8").
8. ALL LIGHTNING PROTECTION CONDUCTORS SHALL BE FASTENED NOT MORE THAN (3'-0") MAXIMUM SPACING.
9. FOR SAKE OF CLARITY NOT ALL COMPONENTS ARE SHOWN ON THE PLAN. FOR ADDITIONAL INFORMATION REFER TO SPECIFICATIONS AND SEE DETAILS.
10. NO PART OF THE FACILITY STRUCTURE SHALL BE USED AS A DOWN CONDUCTOR NOR ANY PORTION OF THE STRUCTURE USED AS A CONDUCTOR, EXCEPT AS NECESSARY TO PROTECT THE STRUCTURE ITSELF.
11. INSTALLATION OF THE LIGHTNING PROTECTION SYSTEM SHALL NOT VOID THE WARRANTY OF THE ROOF.

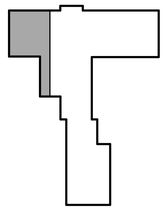
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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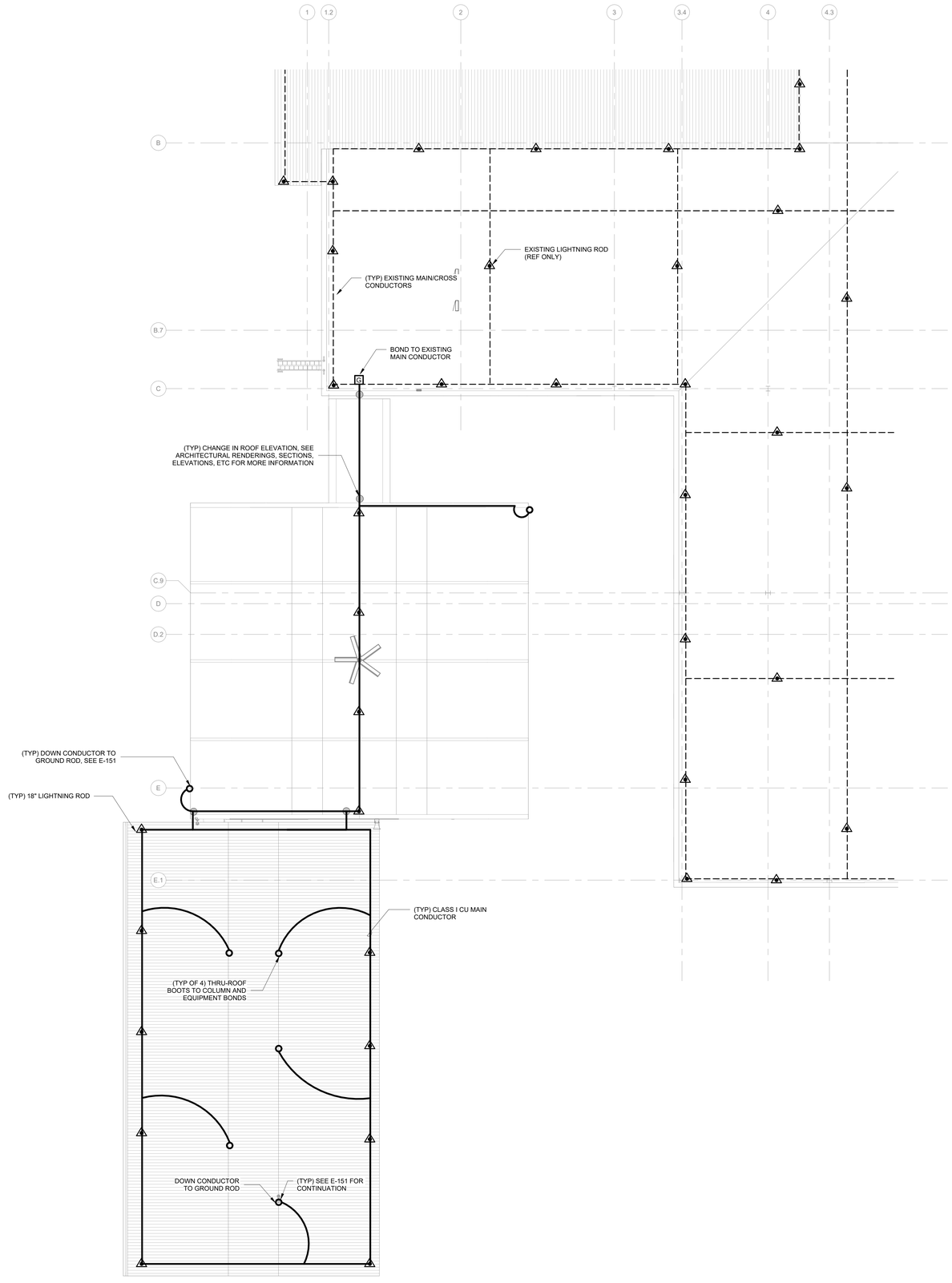
KEY PLAN

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DESIGNED BY: RJV
DRAWN BY: RJV
CHECKED BY: JRH
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SHEET CONTENTS
FIRST FLOOR GROUNDING PLAN

SHEET NO.:
E-151

2/24/2026 3:47:33 PM C:\Revit Local\222814.02-E-R24_Richard.vojtasek.rvt



N 1 **PARTIAL ROOF GROUNDING/LPS PLAN**
1/8" = 1'-0"

GENERAL NOTES:

1. THE INTENT OF THE LIGHTNING PROTECTION SYSTEM (LPS) IS SHOWN ON THIS DRAWING. ELECTRICAL CONTRACTOR SHALL PROVIDE A DESIGN THAT MEETS THE REQUIREMENTS INDENTIFIED IN SPECIFICATION 264113.
2. THE LIGHTNING PROTECTION INSTALLATION SHALL COMPLY IN ALL RESPECTS TO LIGHTNING PROTECTION INSTITUTE STANDARD 175. THE INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF AN LPI CERTIFIED MASTER INSTALLER. THE COMPLETED INSTALLATION WILL RECEIVE SYSTEM CERTIFICATION SUBMITTAL FORM LPI 176.
3. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT AND INCONSPICUOUS MANNER SO THAT ALL COMPONENTS WILL BLEND IN WITH THE APPEARANCE OF THE BUILDING. ALL DOWN CONDUCTORS SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT CONCEALED FROM NORMAL VIEW FROM EXTERIOR LOCATIONS. EXPOSED CONDUIT AND/OR CONDUCTORS ON THE BUILDING EXTERIOR IS UNACCEPTABLE.
4. THE DESIGN LAYOUT AND INSTALLATION DETAILS SHALL MEET THE REQUIREMENTS OF UNDERWRITERS' LABORATORIES STANDARD 96A FOR MASTER LABELED LIGHTNING PROTECTION SYSTEMS. THE ACTUAL MASTER LABEL WILL BE DELIVERED UPON COMPLETION OF INSTALLATION.
5. THE DESIGN LAYOUT AND INSTALLATION DETAILS SHALL MEET THE REQUIREMENTS OF NFPA 780, CURRENT EDITION.
6. INDUCTIVE METAL BODIES LOCATED ABOUT THE ROOF SUCH AS: METAL FLASHING, GRAVEL STOPS, ROOF DRAINS, SOIL PIPE VENTS, INSULATION VENTS, LOUVERS AND DOOR FRAMES SITUATED WITHIN (6'-0") OF A LIGHTNING CONDUCTOR OR BONDED METAL BODY SHALL BE INTERCONNECTED TO THE LIGHTNING CONDUCTOR SYSTEM.
7. NO BEND OF A CONDUCTOR SHALL FORM A FINAL INCLUDED ANGLE OF LESS THAN 90 DEGREES NOR SHALL BEND RADIUS OF LESS THAN (8").
8. ALL LIGHTNING PROTECTION CONDUCTORS SHALL BE FASTENED NOT MORE THAN (3'-0") MAXIMUM SPACING.
9. FOR SAKE OF CLARITY NOT ALL COMPONENTS ARE SHOWN ON THE PLAN. FOR ADDITIONAL INFORMATION REFER TO SPECIFICATIONS AND SEE DETAILS.
10. NO PART OF THE FACILITY STRUCTURE SHALL BE USED AS A DOWN CONDUCTOR NOR ANY PORTION OF THE STRUCTURE USED AS A CONDUCTOR, EXCEPT AS NECESSARY TO PROTECT THE STRUCTURE ITSELF.
11. INSTALLATION OF THE LIGHTNING PROTECTION SYSTEM SHALL NOT VOID THE WARRANTY OF THE ROOF.

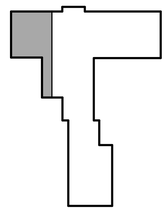
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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KEY PLAN

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SHEET CONTENTS
ROOF GROUNDING/LPS PLAN

SHEET NO.:
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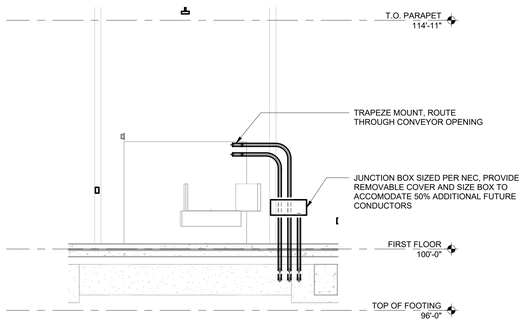
KEYED NOTES

9.006 UNDER FLOOR RACEWAY SYSTEM, BASIS OF DESIGN LEGRAND WALKERDUCT SERIES. PROVIDE NO. 2 DUCT, 3.34 SQ IN. MIN., FOR LOW VOLTAGE (WIRING BY OTHERS) AND NO. 4 DUCT, 8.72 SQ IN. MIN., FOR POWER WIRING, ALIGNMENT CLIP FOR SPACING, END CAPS AND JUNCTION BOXES AS RECOMMENDED BY MANUFACTURER INSTRUCTIONS. COORDINATE INSTALL WITH STRUCTURAL CONTRACTOR, INSTALL AND LEVEL AS REQUIRED. SECURE LEGS TO REBAR OR INTO COMPACTED EARTH TO PREVENT MOVEMENT DURING CONCRETE POUR

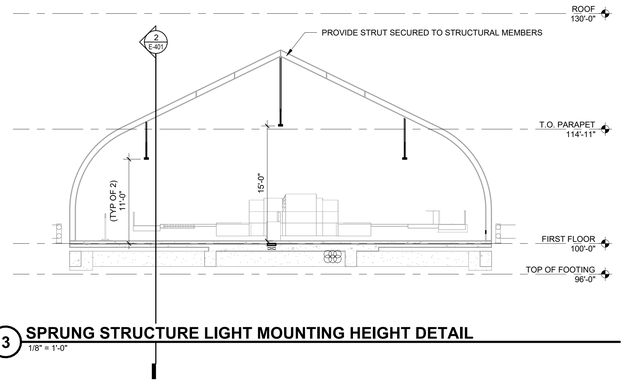
9.007 PROVIDE MANUFACTURERS RECOMMENDED CONDUIT ENTRANCE FITTING OR JUNCTION BOX TO ACCOMMODATE RACEWAYS INDICATED. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 80 PVC.

9.008 (TYP) ALL FLOOR BOXES SHOWN SHALL CONSIST OF A SHARED, DIVIDED FLOOR BOX OR TWO SEPARATE FLOOR BOXES TAPPED INTO BOTH LOW VOLTAGE UNDERGROUND DUCT AND LINE VOLTAGE UNDERGROUND DUCT. PROVIDE JUNCTION BOX SIZES AS REQUIRED FOR DEVICE(S) INDICATED ON EQUIPMENT SCHEDULE. FLOOR BOX TAPPED INTO LOW VOLTAGE UNDERGROUND DUCT SHALL BE PROVIDED WITH A BLANK COVER AND LARGE ENOUGH TO ACCOMMODATE FOUR (4) DEVICES. ALL FLOOR BOXES SHALL BE FLUSH ACTIVATION TYPE.

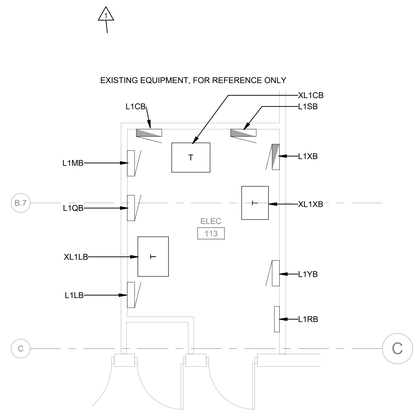
9.009 NO. 4 UNDERFLOOR DUCT WITH NO PRESETS MAY BE PROVIDED IN LIEU UNDERGROUND RACEWAYS



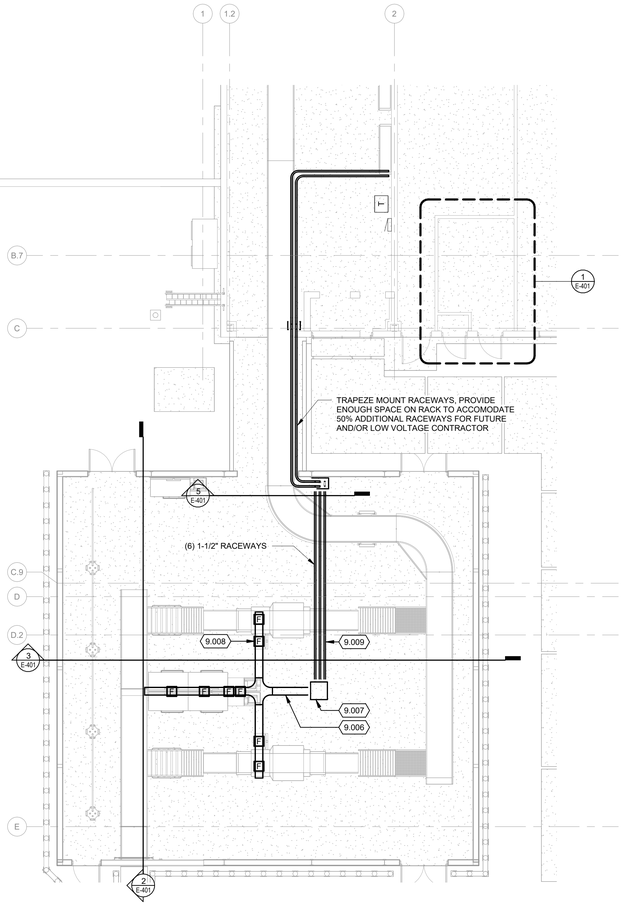
N 5 **RACEWAY ROUTING SECTION AND J-BOX LOCATION**
1/4" = 1'-0"



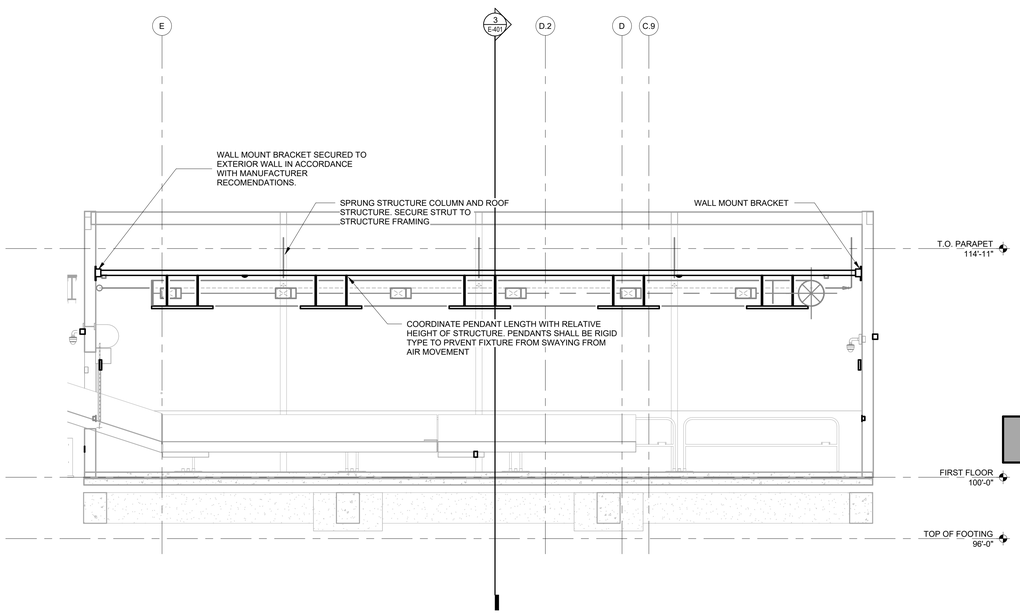
N 3 **SPRUNG STRUCTURE LIGHT MOUNTING HEIGHT DETAIL**
1/8" = 1'-0"



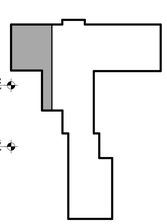
N 1 **ENLARGED ELECTRICAL ROOM (EXISTING)**
1/4" = 1'-0"



N 4 **PARTIAL FIRST FLOOR CONDUIT AND UNDERGROUND PLAN**
1/8" = 1'-0"



N 2 **SPRUNG STRUCTURE LIGHT MOUNTING DETAIL**
1/4" = 1'-0"



KEY PLAN

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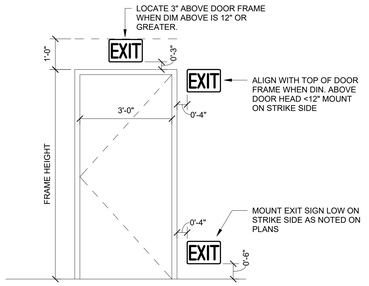
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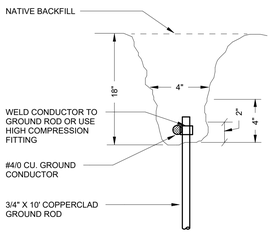
SHEET CONTENTS
ENLARGED PLANS, ELEVATIONS & SECTIONS

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E-401

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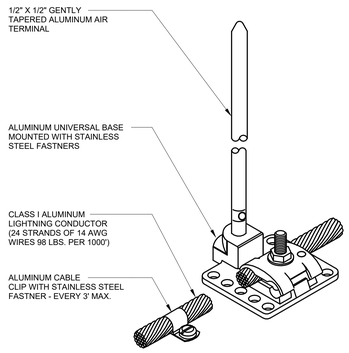
12 EXIT SIGN WALL MOUNTING AT DOOR
NO SCALE



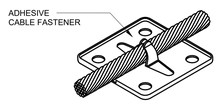
GENERAL NOTES:

1. NEUTRAL SYSTEM TO TEST AT LESS THAN 10 OHMS. IF THIS CAN'T BE MET, INFORM CONTRACTING OFFICER FOR DIRECTIONS.

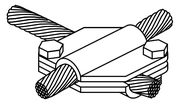
13 GROUND CONDUCTOR SECTION DETAIL
NO SCALE



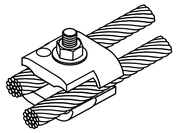
8 AIR TERMINAL BASE
NO SCALE



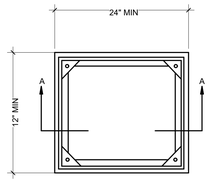
9 CABLE FASTENER
NO SCALE



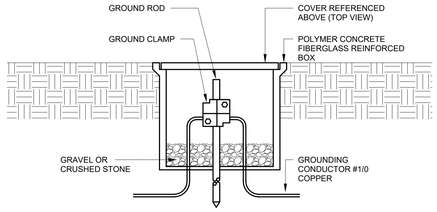
10 CROSS RUN CONNECTOR
NO SCALE



11 PARALLEL CONNECTOR
NO SCALE

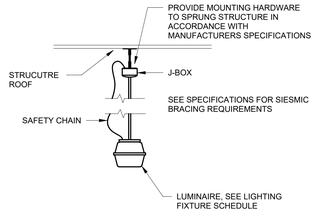


TOP VIEW (COVER REMOVED)

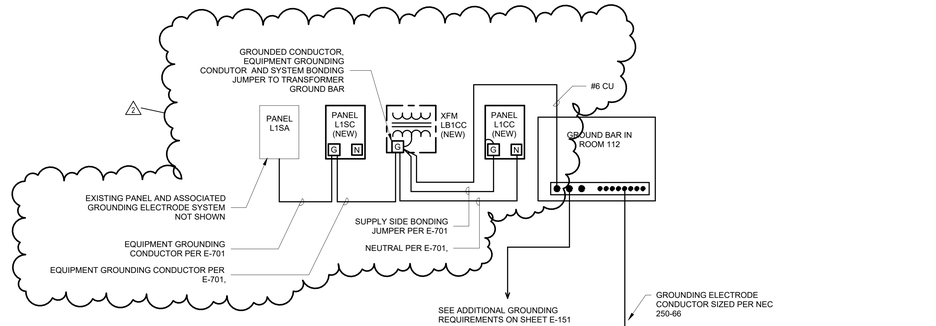


SECTION A - A

5 GROUND ACCESS WELL - DETAIL
NO SCALE



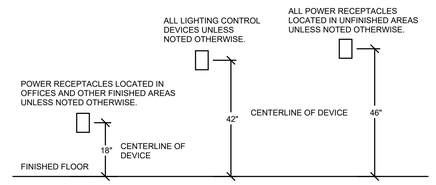
6 PENDANT FIXTURE MOUNTING
NO SCALE



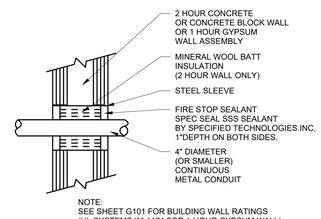
NOTES:
(A) THE METAL FRAME OF THE BUILDING SHALL BE BONDED TO THE #6 REBAR STUBBED THROUGH THE FLOOR FOUNDATION. SIZE BONDING JUMPER PER NEC 250-66.

7 GROUNDING ELECTRODE SYSTEM (TYP)
NO SCALE

NOTE:
MOUNTING HEIGHT DIMENSION FOR POWER RECEPTACLES ABOVE COUNTER SHALL BE 6" ABOVE TOP OF COUNTER OR COUNTER BACKSPLASH MEASURED TO THE CENTERLINE OF DEVICE.

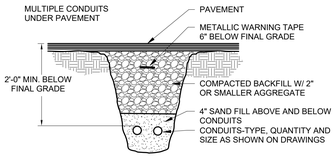


1 DEVICE MOUNTING HEIGHTS DETAIL
NO SCALE

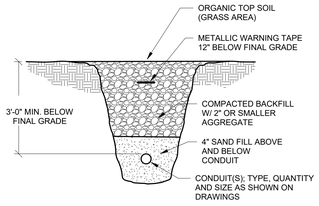


NOTE:
SEE SHEET G101 FOR BUILDING WALL RATINGS
(UL SYSTEMS WL1171 FOR 1-HOUR GYPSUM WALL)
(UL SYSTEMS WJ1070 FOR 2-HOUR CONCRETE WALL)

2 FIRESTOP WALL PENETRATION
NO SCALE



3 UNDERGROUND CONDUIT DETAIL-PAVEMENT
NO SCALE



4 UNDERGROUND CONDUIT
NO SCALE

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BAGGAGE SCREENING MODS.

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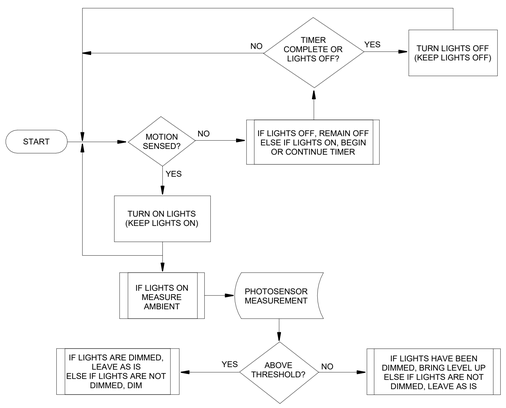
ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISION
2 01/28/26 PERMIT REVISION

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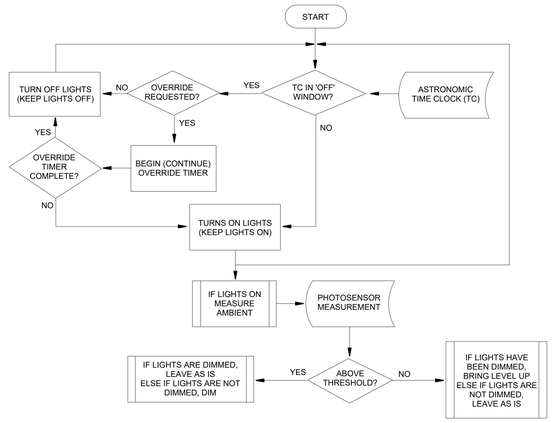
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DETAILS

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E-501

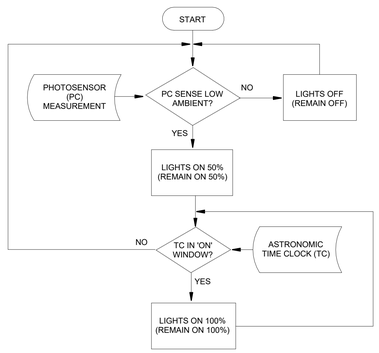
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OCCUPANCY SENSOR AND PHOTOSENSOR



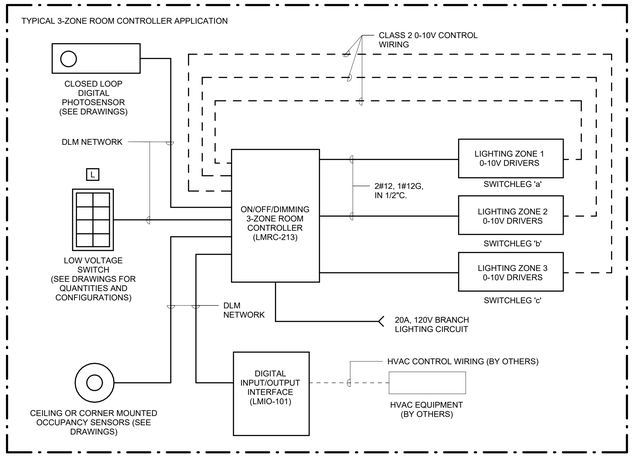
TIME CLOCK AND PHOTOSENSOR



TIME CLOCK AND PHOTOSENSOR
(BUILDING FACADE)

GENERAL NOTES

1. CONTROLS FLOW DIAGRAMS ARE BASED ON RECORD DRAWING INFORMATION. ANY DISCREPANCY BETWEEN THESE DIAGRAMS AND THE CURRENT CONTROLLER PROGRAMMING SHALL BE PROGRAMMED TO MATCH EXISTING OPERATION. INCLUDING TIMECLOCK SCHEDULE AND EXISTING PHOTO SENSORS.
2. EXISTING LIGHTING CONTROL SYSTEM SHALL BE EXTENDED. CONTACT FACILITY LIGHTING CONTROL SYSTEM INTEGRATOR WITH LEGRAND, JOE FULTON AT JOE.FULTON@LEGRAND.COM TO PROVIDE PROGRAMMING AND COMMISSIONING ON EXTENDED/ADDED CONTROLS. BID SHALL INCLUDE FEE TO REIMBURSE LEGRAND AT THE CONTRACTORS EXPENSE.
3. EXISTING LIGHTING CONTROL SYSTEM INCLUDES LEGRAND DLM N4 JACE NETWORK CONTROLLER, MODEL LMJA-8125 LOCATED IN MAIN ELECTRICAL ROOM. THE RELAY PANEL LOCATED IN THE LANDSIDE ELECTRICAL ROOM IS ASSUMED TO HAVE CAPACITY FOR THE ADDITION. ALL FIXTURES, CONTROL DEVICES, SWITCHES, ETC. SHALL BE COMPATIBLE WITH THE WATTSTOPPER EXISTING SYSTEM
4. PROVIDE NETWORKING BRIDGES, ROOM CONTROLLERS, DEVICES AND WIRING AS REQUIRED TO EXTEND EXISTING SYSTEM AND FUNCTIONALITY.
5. DIAGRAMS ATTEMPT TO SHOW OVERALL SYSTEM FUNCTIONALITY, EC SHALL DETERMINE AND LOCATE ADDITIONAL COMPONENTS AS NECESSARY.
6. DAYLIGHTING PRIMARY ZONES, DAYLIGHTING SECONDARY ZONES AND NON-DAYLIGHTING ZONES SHALL BE DIMMED SEPARATELY
7. SEE SHEET E-100 FOR LOCATIONS OF LIGHTING CONTROL PANELS AND NETWORK CONTROLLER



DETAIL NOTES:
1. ROOM CONTROLLER BASIS OF DESIGN IS WATTSTOPPER.
2. ROOM CONTROLLER MOUNTS TO 4" X 4" X 2-1/8" DEEP ELECTRICAL BOX. PROVIDE ADDITIONAL EXTENSION BOX IF REQUIRED.
3. IF 0-10V CONTROL WIRING WILL BE INSTALLED IN THE SAME RACEWAY AND/OR BOXES WITH 120V POWER WIRING, IT SHALL BE RECLASSIFIED AS CLASS 1 WIRING PER REQUIREMENTS OF NEC 725.49 AND SHALL BE LABELED ACCORDINGLY.

TIME CLOCK, OCCUPANCY SENSOR, PHOTOSENSOR
(CANOPY LIGHTING)

1 LIGHTING CONTROLS INTENT
NO SCALE

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SHEET CONTENTS
DETAILS

SHEET NO.:
E-502

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ELECTRICAL EQUIPMENT WIRING SCHEDULE

STARTER/TYPE:	DISCONNECT TYPE	ACCESSORIES (ACC):		
MS - MANUAL MOTOR STARTER (W/OVERLOAD RELAYS)	F-FUSED	SA-STANDARD ACCESSORIES (INCLUDES **ITEMS)		PF-PHASE FAILURE RELAY
MX - MANUAL MOTOR SWITCH	N- NON-FUSED	**AUX--TWO CONVERTIBLE AUXILIARY CONTACTS		TO-THERMAL OVERLOAD RELAYS
S - ENCLOSED FULL VOLTAGE MAGNETIC CONTROLLER	FS-BUSS FUSESTAT-TYPE SSY	**CT-CONTROL TRANSFORMER FUSED 120V		FA-4-CONVERTIBLE AUXILIARY CONTACTS
CS - COMBINATION FULL VOLTAGE MAGNETIC CONTROLLER	CB-ENCLOSED CIRCUIT BREAKER	**EO-ELECTRONIC OVERLOADS (SOLID-STATE)		GFP-CLASS II GROUND FAULT PROTECTION
RE - ENCLOSED REDUCED-VOLTAGE CONTROLLER	EFD-ELEVATOR FUSED DISCONNECT(SEE SPECIFICATION)	**HA-HAND-OFF-AUTO SWITCH IN DOOR		DC-DIGITAL COMMUNICATION MODULE
RE - COMBINATION REDUCED-VOLTAGE CONTROLLER		**PL-PILOT LIGHT(RED) IN DOOR		TS- 2-SPEED SELECTOR SWITCH IN DOOR
TW - MULTI 2 SPEED, 2 WINDING				EI-ELECTRICAL INTERLOCK (2) N.O. & (2) N.C
SW - MULTI 2 SPEED, 1 WINDING				SS-START-STOP PUSHBUTTON IN DOOR
VFD - VARIABLE FREQUENCY DRIVE				SN-SOLID NEUTRAL
SS - REDUCED VOLTAGE, SOLID STATE (SOFT START)				ST- SHUNT TRIP
RV - REDUCED VOLTAGE(AUTOXFMR)				GP- GREEN (OFF) PILOT LIGHT IN DOOR
YD - WYE-DELTA				ISG- ISOLATED GROUND KIT
FHP - INTERGAL HORSEPOWER MANUAL CONTROLLER				M-METER
ECM - ELECTRONICALLY COMMUTATED MOTOR				

EQUIPMENT	EQUIPMENT DESCRIPTION	LOCATION	LOAD							BRANCH WIRING				STARTER					DISCONNECT TYPE AND RATING			NEMA ENCLOSURE	KEYED NOTE(S)
			KW	HP	FLA (AMPS)	MCA (AMPS)	MOCP (AMPS)	VOLTS	PHASE	NO.	SIZE	GND.	C	TYPE	NEMA SIZE	FURNISHED/ INSTALLED BY	NEMA ENCLOSURE	ACC.	TYPE	RATING / FUSE	FURNISHED/ INSTALLED BY		
DF-1	DESTRAT FAN	BAGGAGE EXPANSION	-	1/10	6	7.2	20	120	1	2	12	12	3/4"	VFD	-	MFR	-	-	MX	20 / -	EC / EC	1	1
AHU-1	AIR HANDLING UNIT	GRADE	-	-	12	13	15	480	3	3	12	12	3/4"	-	-	-	-	-	MFR	-	MC / EC	3R	
MCP3 PDP	BAGGAGE HANDLING EQUIP CONTROL PANEL	BAGGAGE EXPANSION	-	-	45	54	100	480	3	4	3	8	1-1/2"	-	-	-	-	-	MFR	-	-	-	2,8
MCP4 PDP	BAGGAGE HANDLING EQUIP CONTROL PANEL	BAGGAGE EXPANSION	-	-	67	80.4	100	480	3	4	3	8	1-1/2"	-	-	-	-	-	MFR	-	-	-	2,8
EDS	EXPLOSION DETECTION SCANNER	BAGGAGE EXPANSION	-	-	10	12	30	208	1	3	10	10	1"	-	-	-	-	-	-	-	-	-	3,7
PVS	PRIMARY VIEWING STATION	BAGGAGE EXPANSION	-	-	8	9.6	20	120	1	2	12	12	3/4"	-	-	-	-	-	-	-	-	-	4,7
SVS	SECONDARY VIEWING STATION	BAGGAGE EXPANSION	-	-	8	9.6	20	120	1	2	12	12	3/4"	-	-	-	-	-	-	-	-	-	4,7
ETD	EXPLOSIVE TRACE DETECTION (COUNTER MOUNT)	BAGGAGE EXPANSION	-	-	4	4.8	20	120	1	2	12	12	3/4"	-	-	-	-	-	-	-	-	-	5,7
WS	WORKSTATION (TYPICAL)	BAGGAGE EXPANSION	-	-	3	3.6	20	120	1	2	12	12	3/4"	-	-	-	-	-	-	-	-	-	6,7

EQUIPMENT SCHEDULE GENERAL NOTES:

1. ALL WORK BY THIS CONTRACTOR TO COMPLY WITH ALL LOCAL, STATE AND NATIONAL ELECTRICAL CODES.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES TO AVOID CONFLICTS AND TO VERIFY ALL EQUIPMENT CONNECTIONS FOR COMPLETE INSTALLATION.
3. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE ELECTRICAL SYSTEM PER CONTRACT DRAWINGS AND ENSURING THAT THE SYSTEM IS OPERATIONAL UPON JOB COMPLETION.
4. PROVIDE ALL POWER WIRING INCLUDING ALL CIRCUITRY CARRYING ELECTRICAL ENERGY FROM PANELBOARD OR OTHER SOURCE THROUGH STARTERS AND DISCONNECTS TO MOTORS, PACKAGED EQUIPMENT OR PACKAGED CONTROL PANELS. PROVIDE ALL WIRING BETWEEN CONTROL PANELS AND MOTORS. INCLUDE STARTERS, DISCONNECTS AND OVERLOAD PROTECTION IF NOT INCLUDED IN DIVISION 22 OR 23 SPECIFICATIONS. COORDINATE WITH ALL DIVISION 22 AND 23 SPECIFICATIONS.
5. MOTORS CONNECTED TO EMERGENCY SYSTEMS. BRANCH CIRCUIT WIRING SHALL BE INSTALLED IN SEPARATE RACEWAY PER NEC ARTICLE 700.
6. THIS CONTRACTOR SHALL VERIFY WITH MECHANICAL CONTRACTOR, ELECTRICAL REQUIREMENTS INCLUDING VOLTAGES, HORSE POWER, DISCONNECTING MEANS, STARTERS FOR MOTORS AND EQUIPMENT PRIOR TO ORDERING CIRCUIT BREAKERS, FUSIBLE SWITCHES AND STARTERS.
7. ALL INTERLOCKING REQUIRED BY THE DRIVE MANUFACTURER BETWEEN THE VARIABLE FREQUENCY DRIVE AND THE DISCONNECT SWITCHES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
8. THIS CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUIT POWER WIRING BETWEEN NEW PACKAGED OUTDOOR AIR COOLED CONDENSING UNIT (ACCU) AND INDOOR FAN COIL UNIT (FCU) AS SHOWN ON FLOOR PLANS. THE TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING IN A SEPARATE CONDUIT BETWEEN THE OUTDOOR AND INDOOR UNITS AS REQUIRED BY THE SPECIFIC MANUFACTURER'S INSTALLATION WIRING DIAGRAMS .
9. VERIFY ALL PLUG CONFIGURATIONS, OVERCURRENT PROTECTION RATINGS AND EQUIPMENT FULL LOAD AMPS (FLA) WITH TSA AND BHS EQUIPMENT FURNISHED PRIOR TO ROUGH IN

EQUIPMENT SCHEDULE KEYED NOTES:

1. DRIVE MOUNTED TO FAN MOTOR BY MFR. EC TO PROVIDE MANUFACTURER RECOMMENDED CONTROL SWITCH STATION AND ASSOCIATED WIRING.
2. EC TO PROVIDE LINE SIDE WIRING TO CONTROL PANEL. ALL CONNECTIONS DOWNSTREAM LINE SIDE CONNECTION, INCLUDING BUT NOT LIMITED TO, WIRING TO CONVEYOR MOTORS, WIRING TO X-RAY EQUIPMENT, E-STOP WIRING, ETC. SHALL BE PROVIDED BY BAGGAGE EQUIPMENT CONTRACTOR UNLESS OTHERWISE NOTED.
3. PROVIDE NEMA L6-30R INSTALLED IN FLOOR BOX. COORDINATE ROUGH IN LOCATION WITH EQUIPMENT TO ENSURE FLOOR BOX IS ACCESSIBLE TO RECEIVE MANUFACTURER PLUG
4. PROVIDE ONE (1) QUADRAPLEX RECEPTACLE IN FLOOR BOX. COORDINATE ROUGH IN LOCATION WITH EQUIPMENT TO ENSURE FLOOR BOX IS ACCESSIBLE FOR WORKSTATION/MONITOR PLUGS
5. PROVIDE ONE (1) DUPLEX RECEPTACLE FOR ETD EQUIPMENT. INSTALL NEMA 5-20R IN FLOOR BOX. BOTH ETD RECEPTACLES SHALL SHARE A COMMON FLOOR BOX
6. TYPICAL CONNECTION - PROVIDE ONE (1) QUADRAPLEX RECEPTACLE. A MAXIMUM OF TWO (2) WORKSTATIONS MAY SHARE A COMMON CIRCUIT.
7. TAGS ON PLANS NOTED WITH "(F)" INDICATE FUTURE PROVISIONS. PROVIDE RACEWAY, CIRCUIT BREAKER AND PULL STRING. CAP OR COVER ANY OPENINGS/BOXES FOR FUTURE USE.
8. VERIFY WIRE SIZING AND CIRCUIT BREAKER REQUIREMENTS WITH MCP SHOP DRAWINGS WHEN AVAILABLE

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SCHEDULES

SHEET NO.:
E-601

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LUMINAIRE SCHEDULE

DES	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LED DATA	VOLTAGE	MOUNTING	DRIVER TYPE	Apparent Load	LUMENS	ACCEPTACLE MANUFACTURERS	KEYED NOTES
G1	LITHONIA	FEM L48 12000LM IMAFL MD MVOLT GZ10 40K 90CRI	4FT LED INDUSTRIAL GASKETED PENDANT, IP65, 10% 0-10V DIM, ACRYLIC LINEAL RUBBED FROSTED LENS, 90CRI	LED, 4000K	277 V	P	A	75 VA	9232	FUNCTIONAL EQUIVALENT	1
G1E	LITHONIA	FEM L48 12000LM IMAFL MD MVOLT GZ10 40K 90CRI	4FT LED INDUSTRIAL GASKETED PENDANT, IP65, 10% 0-10V DIM, ACRYLIC LINEAL RUBBED FROSTED LENS, 90CR WITH INTEGRAL GENERATOR TRANSFER DEVICE	LED, 4000K	277 V	P	EP	75 VA	9232	FUNCTIONAL EQUIVALENT	1
K1E	LUMARK	XTOR1B-Y-PC2	LED WALL PACK WITH GENERATOR TRANSFER DEVICE, BLACK POWDER COATED FINISH, TITLE 24 COMPLIANT	LED, 5000K	277 V	W	EP	50 VA	1418	FUNCTIONAL EQUIVALENT	1
K2	MCGRAW-EDISON	TT-D4-740-U-MQ	LED ROUND SURFACE MOUNT, MEDIUM DISTRIBUTION, 0-10V DIMMING, WET LOCATION LISTED, MEDIUM DISTRIBUTION, TITLE 24 COMPLIANT	LED, 4000K	277 V	S	A	58 VA	8002	FUNCTIONAL EQUIVALENT	1
X1	LITHONIA	TCC-RG-350L	WALL MOUNT EXIT SIGN, STEEL HOUSING, RED LETTERING, NO ARROW WITH INTEGRAL BATTERY AND INTEGRAL LED HEADS	W/ UNIT	277 V	W	EB	7 VA	371	FUNCTIONAL EQUIVALENT	

MOUNTING (MTG):

CV = COVE
ES = EXPOSED STRUCTURE
O = OTHER
P = PENDANT
PL = POLE
R = RECESSED
S = SURFACE
SP = SUSPENDED
UC = UNDERCOUNTER
V = VARIES
W = WALL MOUNTED

BALLAST/DRIVER: (SEE SPECIFICATIONS)

A LED DIMMABLE DRIVER (0-10V) - 10% DIM

B LED DIMMABLE DRIVER (0-10V) - 1% DIM

C LED DIMMABLE DRIVER (ELV)

D LED NON-DIMMABLE DRIVER

EB EMERGENCY - BATTERY BACKUP

EP EMERGENCY - INTEGRAL POWER TRANSFER DEVICE

F LED STEP-DIMMING DRIVER

G DALI DIMMING DRIVER

H LED DMX DRIVER

J MULTI-VOLTAGE DRIVER

LUMINAIRE SCHEDULE GENERAL NOTES:

1. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION BEFORE ORDERING.
2. ALL LED LUMINAIRES MUST COMPLY WITH LM-79 AND LM-80 TESTING STANDARDS. L70 LIFE SHALL HAVE A MINIMUM OF 50,000 HOURS.
3. ANY PROPOSED SUBSTITUTIONS MUST BE SUBMITTED WITH PHOTOMETRIC CALCULATIONS AND CATALOG SHEETS WITH DATA TO PROVE EQUAL CHARACTERISTICS. PROVIDE PHYSICAL SAMPLES OF PROPOSED SUBSTITUTIONS UPON REQUEST.
4. EC SHALL VERIFY AND COORDINATE ALL LUMINAIRE TRIMS/FLANGES WITH RESPECTIVE CEILING TYPES SCHEDULED AND/OR SUBMITTED BY THE GC PRIOR TO ORDERING OF THE LUMINAIRES. SCHEDULE INDICATES TRIM TYPES BASED ON THE GENERIC CEILING INFORMATION AVAILABLE AT THE TIME BIDDING DOCUMENTS WERE ISSUED AND DOES NOT REFLECT ACTUAL THICKNESS OF GYPSUM WALL BOARD OR PLASTER CEILING OR EXACT GRID TYPE SPECIFIED BY THE ARCHITECT.

LUMINAIRE SCHEDULE KEYED NOTES:

1. WET LOCATION, GASKETED

BRANCH PANEL: L1CC

LOCATION:
SUPPLY FROM: LB1CC
MOUNTING: SURFACE
ENCLOSURE: NEMA 1

VOLTS: 120/208 WYE
PHASES: 3
WIRES: 4
GROUND & NEUTRAL:

S.C.C.R. RATING: 10kA
MAINS TYPE: MCB
MAINS RATING: 110 A
BUSS RATING: 225 A

NOTES:

KEY	CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		B		C		POLES	TRIP	CIRCUIT DESCRIPTION	CKT	KEY
	1	EXTERIOR RECEPS	20 A	1	180	0								2	
	3	RM 101B - WEST END RECEP	20 A	1			540	0			3	30 A	SPARE	4	
	5	RM 101B - EAST END RECEP	20 A	1					360	0				6	
	7	EDS - WEST	30 A	2	2184	0								8	
	9						2184	0			3	20 A	SPARE	10	
	11	EDS - EAST (F)	30 A	2					2184	0				12	
	13				2184	0					1	20 A	SPARE	14	
	15	PVS - WEST	20 A	1			960	0			1	20 A	SPARE	16	
	17	PVS - EAST (F)	20 A	1					960	0	1	20 A	SPARE	18	
	19	ETD'S	20 A	1	720	0					1	20 A	SPARE	20	
	21	SVS - WEST	20 A	1			720	0			1	20 A	SPARE	22	
	23	SVS - EAST (F)	20 A	1					720	0	1	20 A	SPARE	24	
	25	WORKSTATIONS	20 A	1	360	0					1	20 A	SPARE	26	
	27	WORKSTATIONS	20 A	1			360	0			1	20 A	SPARE	28	
	29	OVERSIZED BAG SCREEN	20 A	1					720	0	1	20 A	SPARE	30	
	31	DF-1	20 A	1	720	0					1	20 A	SPARE	32	
	33	CANOPY RECEPS	20 A	1			540	0			1	20 A	SPARE	34	
	35	AHU-1 RECEP	20 A	1					180	0	1	20 A	SPARE	36	
	37	EXTERIOR RECEP	20 A	1	360	0					1	20 A	SPARE	38	
	39	EXTERIOR RECEP	20 A	1			180	0			1	20 A	SPARE	40	
	41	EXTERIOR RECEP	20 A	1					180	0	1	20 A	SPARE	42	
			TOTAL LOAD:		6708 VA		5484 VA		5304 VA						
			TOTAL AMPS:		56 A		46 A		44 A						

KEY: A = HACR; C = THRU CONTACTOR; E = EXISTING BREAKER; G = GFCI; H = HANDLE LOCK; I = ISOLATED GROUND; P = PADLOCK HASP; S = SHUNT TRIP

LOAD CLASSIFICATIONS	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
Fans	720 VA	125.00%	900 VA		
Receptacle	2520 VA	100.00%	2520 VA		
Other	720 VA	100.00%	720 VA	**TOTAL CONN. LOAD:**	17496 VA
Cool	360 VA	125.00%	450 VA	**TOTAL DEMAND LOAD:**	17766 VA
Power	13176 VA	100.00%	13176 VA	**TOTAL DESIGN LOAD:**	17766 VA
				NON-COINCIDENTAL HVAC CURRENT:	0 A
				TOTAL CONN. CURRENT:	49 A
				TOTAL DEMAND CURRENT:	49 A
				TOTAL DESIGN CURRENT:	49 A

Panelboard: Panel L1SA

Bus Ampacity	600	Volts	480Y/277	Panel Source:	MSB
Branch Brkr Space	42 Poles	Phase	3	Feed-Thru Lugs	None
Main Type	MLO	Wires	4		
MCB Amps	-	Delta/Wye	Wye	Sub-Feed Lugs	None
		Mounting	Surface		
		Enclosure	NEMA 1	Sub-Feed Brkr #1	None
		SCCR	35 kA		
		SE Rated	No	Sub-Feed Brkr #2	None
		Pnl MCA	392 A		
Comments:				SPD	
				Iso Grd	

Key Note	Load Description	Cct No	Brkr A/P	Left Side A	Left Side B	Left Side C	Right Side A	Right Side B	Right Side C	Brkr A/P	Cct No	Load Description	Key Note
E	PANEL A1SA	1	250/3	24,948				6,600		50/3	2	PANEL L1CA VIA XFM	E
	|	3	|		27,795					|	4	|	
	|	5	|			25,656			4,980	|	6	|	
E	PANEL L1SB	7	200/3	37,428			0			200/3	8	SPARE	E
	|	9	|		39,312			0		|	10	|	
	|	11	|			33,772			0	|	12	|	
E	VAVAC-4 (CKT 2, ROOF)	13	20/3	3,048			3,048			20/3	14	VAVAC-3 (CKT 2, ROOF)	E
	|	15	|		3,048			3,048		|	16	|	
	|	17	|			3,048			3,048	|	18	|	
E	VAVAC-2 (CKT 2, ROOF)	19	20/3	3,048			3,048			20/3	20	VAVAC-2 (CKT 2, ROOF)	E
	|	21	|		3,048			3,048		|	22	|	
	|	23	|			3,048			3,048	|	24	|	
E	BHS MCP2 PDP	25	50/3	10,000			0			400/3	26	SPARE	E
	|	27	|		10,000			0		|	28	|	
	|	29	|			10,000			0	|	30	|	
E	SPARE	31	200/3	0			0			20/3	32	SPARE	E
	|	33	|		0			0		|	34	|	
	|	35	|			0			0	|	36	|	
E	SPARE	37	20/3	0				17,496		250/3	38	L1SC	
	|	39	|		0			17,766		|	40	|	
	|	41	|			0			17,766	|	42	|	

Key Notes:A=HACR G=GFI H=HANDLE LOCK C=THRU CONTACTOR I=ISOLATED GRD S=SHUNT TRIP P=PADLOCK HASP D=HID LIGHTING E=EXISTING

1

BRANCH PANEL: L1SC

LOCATION:
SUPPLY FROM: L1SA
MOUNTING: SURFACE
ENCLOSURE: NEMA 1

VOLTS: 480/277 WYE
PHASES: 3
WIRES: 4
GROUND & NEUTRAL:

S.C.C.R. RATING: 35kA
MAINS TYPE: MCB
MAINS RATING: 250 A
BUSS RATING: 250 A

NOTES:

KEY	CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		B		C		POLES	TRIP	CIRCUIT DESCRIPTION	CKT	KEY
	1				3536	0								2	
M	3	AHU-1	15 A	3			3536	0			3	20 A	SPARE	4	
	5								3536	0				6	
	7				12240	0								8	
M	9	MCP3 PDP	100 A	3			12240	0			3	50 A	SPARE	10	
	11								12240	0				12	
	13				18224	--					1	--	SPACE	14	
M	15	MCP4 PDP	100 A	3			18224	--			1	--	SPACE	16	
	17								18224	--	1	--	SPACE	18	
	19				6708	--					1	--	SPACE	20	
	21	LB1CC	50 A	3			5484	--			1	--	SPACE	22	
	23								5304	--	1	--	SPACE	24	
	25				0	--					1	--	SPACE	26	
	27	SPARE	100 A	3			0	--			1	--	SPACE	28	
	29								0	--	1	--	SPACE	30	
			TOTAL LOAD:		40708 VA		39484 VA		39304 VA						
			TOTAL AMPS:		147 A		143 A		142 A						

KEY: A = HACR; C = THRU CONTACTOR; E = EXISTING BREAKER; G = GFCI; H = HANDLE LOCK; I = ISOLATED GROUND; P = PADLOCK HASP; S = SHUNT TRIP; M = BREAKER...

LOAD CLASSIFICATIONS	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
Fans	720 VA	125.00%	900 VA		
Receptacle	2520 VA	100.00%	2520 VA		
Panel	91392 VA	125.00%	114240 VA	**TOTAL CONN. LOAD:**	119496 VA
Other	720 VA	100.00%	720 VA	**TOTAL DEMAND LOAD:**	145176 VA
Cool	10968 VA	124.18%	13620 VA	**TOTAL DESIGN LOAD:**	145176 VA
Power	13176 VA	100.00%	13176 VA	**NON-COINCIDENTAL HVAC CURRENT:**	0 A
				TOTAL CONN. CURRENT:	144 A
				TOTAL DEMAND CURRENT:	175 A
				TOTAL DESIGN CURRENT:	175 A

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS.
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

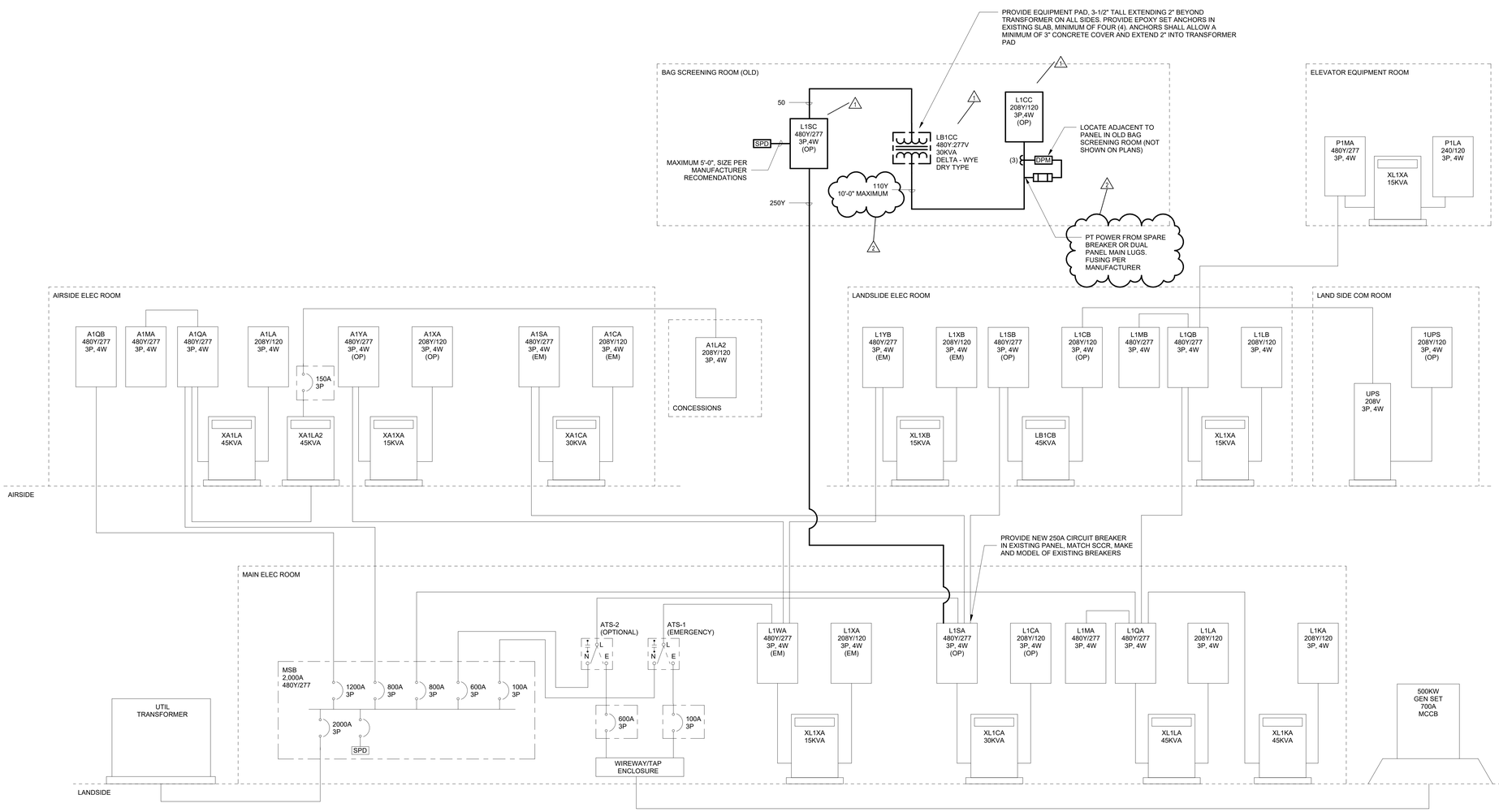
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SHEET CONTENTS
SCHEDULES

SHEET NO.:
E-602

2/24/2026 3:47:40 PM C:\Revit Local\222814.02-E-R24_Richard.valjisek.rvt



1 ONE-LINE POWER DIAGRAM

NO SCALE

COPPER BRANCH CIRCUIT & FEEDER SCHEDULE

MARK	AMPACITY	NO. OF SETS	CONDUCTOR SIZES (AWG or KCMIL)				CONDUIT SIZE
			PHASE	NEUTRAL	EQ GND	ISO GND	
20	20	1	3 - # 12	-	1 - # 12	-	1/2"
20Y	20	1	3 - # 12	1 - # 12	1 - # 12	-	1/2"
25	25	1	3 - # 10	-	1 - # 10	-	1/2"
25Y	25	1	3 - # 10	1 - # 10	1 - # 10	-	1/2"
30	30	1	3 - # 10	-	1 - # 10	-	3/4"
30Y	30	1	3 - # 10	1 - # 10	1 - # 10	-	3/4"
35	35	1	3 - # 8	-	1 - # 10	-	3/4"
35Y	35	1	3 - # 8	1 - # 8	1 - # 10	-	3/4"
40	40	1	3 - # 8	-	1 - # 10	-	3/4"
40Y	40	1	3 - # 8	1 - # 8	1 - # 10	-	1"
45	45	1	3 - # 6	-	1 - # 10	-	1"
45Y	45	1	3 - # 6	1 - # 6	1 - # 10	-	1"
50	50	1	3 - # 6	-	1 - # 10	-	1"
50Y	50	1	3 - # 6	1 - # 6	1 - # 10	-	1-1/4"
60	60	1	3 - # 4	-	1 - # 10	-	1-1/4"
60Y	60	1	3 - # 4	1 - # 4	1 - # 10	-	1-1/4"
70	70	1	3 - # 4	-	1 - # 8	-	1-1/4"
70Y	70	1	3 - # 4	1 - # 4	1 - # 8	-	1-1/4"
80	80	1	3 - # 3	-	1 - # 8	-	1-1/4"
80Y	80	1	3 - # 3	1 - # 3	1 - # 8	-	1-1/4"
90	90	1	3 - # 3	-	1 - # 8	-	1-1/4"
90Y	90	1	3 - # 3	1 - # 3	1 - # 8	-	1-1/4"
100	100	1	3 - # 3	-	1 - # 8	-	1-1/4"
100Y	100	1	3 - # 3	1 - # 3	1 - # 8	-	1-1/4"
110	110	1	3 - # 2	-	1 - # 6	-	1-1/4"
110Y	110	1	3 - # 2	1 - # 2	1 - # 6	-	1-1/4"
125	125	1	3 - # 1/0	-	1 - # 6	-	1-1/2"
125Y	125	1	3 - # 1/0	1 - # 1/0	1 - # 6	-	2"
150	150	1	3 - # 1/0	-	1 - # 6	-	1-1/2"
150Y	150	1	3 - # 1/0	1 - # 1/0	1 - # 6	-	2"
175	175	1	3 - # 2/0	-	1 - # 6	-	2"
175Y	175	1	3 - # 2/0	1 - # 2/0	1 - # 6	-	2"
200	200	1	3 - # 3/0	-	1 - # 6	-	2"
200Y	200	1	3 - # 3/0	1 - # 3/0	1 - # 6	-	2-1/2"
225	225	1	3 - # 4/0	-	1 - # 4	-	2"
225Y	225	1	3 - # 4/0	1 - # 4/0	1 - # 4	-	2-1/2"
250	250	1	3 - 250	-	1 - #4	-	2-1/2"
250Y	250	1	3 - 250	1 - 250	1 - #4	-	3"
300	300	1	3 - 350	-	1 - # 4	-	3"
300Y	300	1	3 - 350	1 - 350	1 - # 4	-	3-1/2"
350	350	1	3 - 500	-	1 - # 3	-	3"
350Y	350	1	3 - 500	1 - 500	1 - # 3	-	3-1/2"
380	380	1	3 - 500	-	1 - # 3	-	3"
380Y	380	1	3 - 500	1 - 500	1 - # 3	-	3-1/2"
400	400	2	3 - # 3/0	-	1 - # 3	-	2"
400Y	400	2	3 - # 3/0	1 - # 3/0	1 - # 3	-	2-1/2"
450	450	2	3 - # 4/0	-	1 - # 2	-	2"
450Y	450	2	3 - # 4/0	1 - # 4/0	1 - # 2	-	2-1/2"
500	500	2	3 - 250	-	1 - # 2	-	2-1/2"
500Y	500	2	3 - 250	1 - 250	1 - # 2	-	3"
600	600	2	3 - 350	-	1 - # 1	-	3"
600Y	600	2	3 - 350	1 - 350	1 - # 1	-	3"
700	700	2	3 - 500	-	1 - # 1/0	-	3"
700Y	700	2	3 - 500	1 - 500	1 - # 1/0	-	3-1/2"
800	800	2	3 - 500	-	1 - # 1/0	-	3"
800Y	800	2	3 - 500	1 - 500	1 - # 1/0	-	3 - 1/2"
1000	1000	3	3 - 400	-	1 - # 2/0	-	3"
1000Y	1000	3	3 - 400	1 - 400	1 - # 2/0	-	3-1/2"
1200	1200	4	3 - 350	-	1 - # 3/0	-	3"
1200Y	1200	4	3 - 350	1 - 350	1 - # 3/0	-	3"
1600	1600	5	3 - 400	-	1 - # 4/0	-	3"
1600Y	1600	5	3 - 400	1 - 400	1 - # 4/0	-	3 - 1/2"
2000	2000	6	3 - 400	-	1 - 250	-	3"
2000Y	2000	6	3 - 400	1 - 400	1 - 250	-	3 - 1/2"
2500	2500	7	3 - 500	-	1 - 350	-	3 - 1/2"
2500Y	2500	7	3 - 500	1 - 500	1 - 350	-	4"
3000	3000	8	3 - 500	-	1 - 400	-	3 - 1/2"
3000Y	3000	8	3 - 500	1 - 500	1 - 400	-	4"
4000	4000	11	3 - 500	-	1 - 500	-	3 - 1/2"
4000Y	4000	11	3 - 500	1 - 500	1 - 500	-	4"

SCHEDULE NOTES:

1. THE SCHEDULE IS A SCHEDULE OF TYPICAL FEEDERS AND SOME OF THE SIZES MAY NOT APPLY TO THIS PROJECT.
2. ALL THE CONDUCTOR AMPACITIES ARE BASED ON TABLE [310.16] [310.15(B)(16)] OF THE NEC FOR COPPER CONDUCTORS (75 DEGREE CELSIUS CHART).
3. FEEDER SIZES SHOWN ON THE RISER DIAGRAM INDICATE FEEDER AMPACITIES AND DO NOT NECESSARILY CORRESPOND TO THE CIRCUIT BREAKER AMPACITIES. CERTAIN FEEDERS MAY BE SIZED FOR DERATION FACTORS AND/OR OVERSIZED FOR VOLTAGE DROP PER NEC REQUIREMENTS.

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SHEET CONTENTS
ONE-LINE DIAGRAM

SHEET NO.:
E-701

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SECURITY SYSTEM SYMBOLS

ACCESS CONTROL SYMBOLS:

- ACD — ACCESS CONTROLLED DOOR. REFER TO ACCESS CONTROLLED DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- ACP — ACCESS CONTROL PANEL
- DIB — DOOR INTERFACE BOX
- CK — CARD READER WITH KEYPAD
- MB — MEDIA BOX
- ANTENNA

AUDIO VISUAL SYMBOLS

- S — LOUDSPEAKER - HORN TYPE

GENERAL SYMBOLS

- X/T-XXX — DETAIL NUMBER / SHEET NUMBER
- 9.XXX — KEYED NOTE, USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH
- IT ROOM / 116 — ROOM NAME AND NUMBER
- 102A — DOOR IDENTIFICATION
- 1 / T-40X — BUILDING SECTION
- 1 / T-40X — ENLARGED PLAN
- T-40X / 1 — INTERIOR ELEVATION

TECHNOLOGY OUTLET SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING	COMMENTS
▼	TWO-PORT TECHNOLOGY OUTLET: - (1) 1" CONDUIT - (1) 4-11/16" SQUARE x 2-5/8" DEEP BACKBOX WITH SINGLE GANG TRIM RING - (1) SINGLE-GANG, TWO-PORT FACEPLATE - (2) CATEGORY 6 JACKS - (2) CATEGORY 6 CABLES	18" AFF TO CENTER OF BOX U.N.O.	- RUN CONDUIT TO MB WITHIN SPRUNG STRUCTURE.
CA ▽	TECHNOLOGY OUTLET FOR VIDEO SURVEILLANCE CAMERA: - (1) 1" CONDUIT STUB - (1) 4-11/16" SQUARE x 2-5/8" DEEP BACKBOX WITH SINGLE-GANG TRIM RING - (1) CATEGORY 6 JACK - (1) SHIELDED CATEGORY 6 CABLE	USE WEATHERPROOF BOX FOR CANOPY LOCATION	- BOX OR SINGLE-PORT SURFACE HOUSING AS NECESSARY TO MEET INSTALLATION CONDITIONS
FP ▼	FLAT-PANEL DISPLAY TECHNOLOGY OUTLET: - (1) 1" CONDUIT STUB - (1) 4-11/16" SQUARE x 2-5/8" DEEP BACKBOX WITH SINGLE GANG TRIM RING - (1) SINGLE-GANG, TWO-PORT FACEPLATE - (2) CATEGORY 6 JACKS - (2) CATEGORY 6 CABLES	12" ABOVE HORIZONTAL CENTERLINE OF FLAT PANEL DISPLAY U.N.O.	- RUN CONDUIT TO MB WITHIN SPRUNG STRUCTURE.
AP ▼	WIRELESS ACCESS POINT TECHNOLOGY OUTLET: - (1) 1" CONDUIT STUB - (1) 4-11/16" SQUARE x 2-5/8" DEEP BACKBOX WITH BLANK COVER	- USE WEATHERPROOF BOX & COVER - INCLUDE 30' COILED SLACK CABLE FOR AP LOCATION ADJUSTMENT	

TECHNOLOGY OUTLET SCHEDULE NOTES:

1. REFER TO DIVISION 26 SPECIFICATIONS FOR BOX AND CONDUIT SPECIFICATIONS AND EXECUTION REQUIREMENTS.
2. REFER TO DIVISION 27 SPECIFICATIONS FOR LOW-VOLTAGE CABLING PATHWAY REQUIREMENTS.

VIDEO SURVEILLANCE SYMBOLS

VIDEO SURVEILLANCE CAMERA:

- CAMERA ID
- APPROXIMATE VIEWING DIRECTION
- HORIZONTAL VIEWING ANGLE
- CAMERA TYPE:
  - C: DETENTION CORNER
  - F: FIXED W/ VARIFOCAL LENS
  - M: MULTISENSOR
  - O: FISHEYE
  - P: PAN-TILT-ZOOM

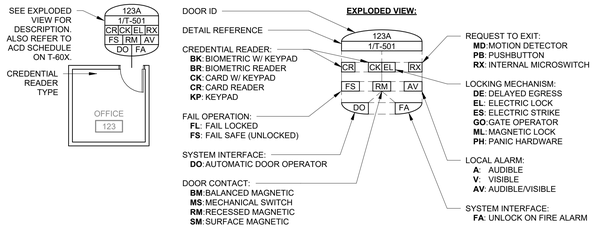
MOUNTING MODIFIERS:

- F — WALL MOUNT

LINE TYPE KEY

- NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE)
- EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK DASHED LINE)
- EXISTING TO REMAIN WORK (THIN SOLID LINE)
- NEW WORK UNDER FLOOR BY THIS CONTRACTOR
- CON — SITE UNDERGROUND CONDUIT

ACCESS CONTROL IDENTIFICATION



TECHNOLOGY ABBREVIATIONS

&	AND
@	AT
A/E	ARCHITECT / ENGINEER
ACS	ACCESS CONTROL SYSTEM
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISH GRADE
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	(WIRELESS) ACCESS POINT
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BET	BUILDING ENTRANCE TERMINAL
BIDS	BAGGAGE INFORMATION DISPLAY SYSTEM
BLDG	BUILDING
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION
CL	CENTERLINE
CLG	CEILING
COAX	COAXIAL
COMM	COMMUNICATIONS
DSS	DIGITAL SATELLITE SERVICE
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EIA	ELECTRONIC INDUSTRIES ALLIANCE
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NONMETALLIC TUBING
EO	EQUIPMENT OUTLET
ERL	EXISTING TO BE RELOCATED
ERLD	EXISTING - RELOCATED LOCATION
ETR	EXISTING TO REMAIN
F/UTP	FOILED UNSCREENED TWISTED PAIR
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FIDS	FLIGHT INFORMATION DISPLAY SYSTEM
FO	FIBER OPTIC
FPD	FLAT-PANEL DISPLAY
GC	GENERAL CONTRACTOR
GIDS	GATE INFORMATION DISPLAY SYSTEM
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
GRS	GALVANIZED RIGID STEEL
HH	HAND HOLE
HVAC	HEATING, VENTILATION, AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IDS	INTRUSION DETECTION SYSTEM
IMC	INTERMEDIATE METALLIC CONDUIT
IT	INFORMATION TECHNOLOGY
J-BOX	JUNCTION BOX
MAX	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME
MH	MAN HOLE
MIN	MINIMUM
MMFO	MULTIMODE FIBER OPTIC
MNS	MASS NOTIFICATION SYSTEM
MON	MONITOR
MPTL	MODULAR PLUG TERMINATED LINK
MTD	MOUNTED
MTR	MAIN TECHNOLOGY ROOM
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER-FURNISHED, CONTRACTOR-INSTALLED
OFOI	OWNER-FURNISHED, OWNER-INSTALLED
PA	PUBLIC ADDRESS
PTZ	PAN - TILT - ZOOM
PVC	POLYVINYL CHLORIDE
RCV	RECEIVER
REQ'D	REQUIRED
ScTP	SCREENED TWISTED PAIR
SE	SERVICE ENTRANCE
SMFO	SINGLEMODE FIBER OPTIC
SS	STAINLESS STEEL
STP	SHEILDED TWISTED PAIR
TBR	TO BE REMOVED
TC	TECHNOLOGY CONTRACTOR
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TO	TECHNOLOGY OUTLET
TR	TECHNOLOGY ROOM
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
VMS	VIDEO MANAGEMENT SYSTEM
VSS	VIDEO SURVEILLANCE SYSTEM
WL	WET LOCATION LISTED
WP	WEATHERPROOF

DEMOLITION GENERAL NOTES

1. THE INFORMATION SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS TO ASSIST THE CONTRACTOR IN BIDDING. THE CONTRACTOR SHOULD VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THE TECHNOLOGY SYSTEMS DRAWINGS INDICATE EXISTING TECHNOLOGY SYSTEMS ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY DEVICE, BOX, CONDUIT, WIRE OR CABLE THAT MUST BE REMOVED.
2. DASHED WALLS ON THE FLOOR PLANS INDICATE EXISTING WALLS BEING DEMOLISHED. REFER TO THE ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF WORK REQUIRED BY THIS PROJECT. REMOVE ALL DEVICES ON DASHED WALLS NOT SHOWN ON THE CONTRACT DRAWINGS. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES. WHERE CONTROL PANELS AND APPURTENANCES THAT HAVE TECHNOLOGY SYSTEMS CONNECTIONS ARE BEING REMOVED, INCLUDE DISCONNECTION AND REMOVAL OF ALL ASSOCIATED CONDUIT, WIRING AND CABLING.
3. TECHNOLOGY SYSTEMS ITEMS (E.G. TECHNOLOGY OUTLETS, SECURITY SYSTEMS DEVICES, AUDIO DEVICES, CABLE) THAT ARE REMOVED AND NOT RELOCATED SHALL REMAIN THE PROPERTY OF THE OWNER. DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
4. OBTAIN APPROVAL FROM THE OWNER BEFORE TURNING OFF POWER TO TECHNOLOGY SYSTEMS EQUIPMENT OR DEVICES. COORDINATE ALL OUTAGES WITH THE OWNER.
5. PROVIDE A BLANK COVERPLATE FOR ALL BOXES IN EXISTING MASONRY WALLS THAT ARE TO REMAIN IN PLACE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS ASSOCIATED WITH TYPE AND ATTACHMENT.
6. REMOVE ALL CONDUIT WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE OR CABLE AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC. SHALL BE REMOVED.
7. COORDINATE ALL WORK WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING TECHNOLOGY SYSTEMS ITEMS AND INSTALLING NEW ITEMS.
8. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED IN PLACE. RELOCATED EXISTING CONDUIT SHALL NOT BE ALLOWED. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.

GENERAL NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO INSTALL COMPLETE TECHNOLOGY SYSTEMS AS INDICATED ON THESE DRAWINGS AND AS SPECIFIED.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE DETAILS OF WORK, VERIFY DIMENSIONS IN THE FIELD, AND ADVISE THE ARCHITECT/ENGINEER OF ANY DISCREPANCY BEFORE PERFORMING ANY WORK.
3. COORDINATE LOCATION AND MOUNTING REQUIREMENTS OF ALL CEILING-MOUNTED OR ABOVE-CEILING-MOUNTED DEVICES WITH REFLECTED CEILING PLAN, LIGHTING LAYOUT, SIGNAGE, AND OTHER CEILING OR ABOVE-CEILING-MOUNTED EQUIPMENT.
4. MOUNT ALL TECHNOLOGY OUTLETS AT HEIGHTS ABOVE FINISHED FLOOR AS SHOWN IN THE TECHNOLOGY OUTLET SCHEDULE U.N.O.
5. ALL TECHNOLOGY RACEWAY (CONDUIT, BACKBOX, SUPPORTS) SHALL BE PROVIDED BY DIVISION 26. SEE DIVISION 26 SPECIFICATIONS FOR GENERAL RACEWAY REQUIREMENTS. ADDITIONAL REQUIREMENTS INCLUDE:
   - PROVIDE A BEND RADIUS OF TEN TIMES THE OUTSIDE DIAMETER OR GREATER FOR ALL TECHNOLOGY RACEWAY.
   - PROVIDE A MINIMUM CONDUIT SIZE OF 1" UNLESS NOTED OTHERWISE
   - PROVIDE PLASTIC OR NYLON BUSHINGS ON ALL CONDUIT STUBS PRIOR TO THE INSTALLATION OF CABLES.
6. MOUNT TECHNOLOGY SYSTEMS EQUIPMENT/DEVICES SO AS TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TECHNOLOGY SYSTEMS EQUIPMENT/DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE COORDINATED WITH AND APPROVED BY THAT CONTRACTOR IN ADVANCE OF INSTALLATION.
7. PROVIDE ALL OPENINGS REQUIRED IN WALLS. REPAIR ALL OPENINGS TO MATCH EXISTING USING A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. GROUT OR SEAL ALL CONDUITS THROUGH WALLS INTO OPENINGS. FIRESTOP ALL PENETRATIONS THROUGH FLOORS AND FIRE-RATED WALLS IN A MANNER THAT MAINTAINS THE RATING OF THE FLOOR OR WALL PENETRATED.

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BAGGAGE SCREENING MODS

975 Airport Dr, San Luis Obispo, CA 93401

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2	01/28/26	PERMIT REVISIONS

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SHEET CONTENTS
NOTES, SYMBOLS & ABBREVIATIONS

SHEET NO.:
T-001

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MICHAEL J BOERING
BICSI ID # 101728
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28 JAN 2026

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TECHNOLOGY KEYED NOTES

9.501 EXISTING ACCESS CONTROL SYSTEM (DIB) DOOR INTERFACE BOX TO REMAIN.

9.502 REMOVE CARD READER/KEYPAD & WIRING BACK TO DIB ABOVE DOOR. SALVAGE FOR REINSTALLATION.

9.503 REMOVE ALL ACCESS CONTROL DEVICES FROM DOOR AND ASSOCIATED CABLING BACK TO DOOR INTERFACE BOX ABOVE DOOR. SALVAGE UNITS FOR REINSTALLATION.

9.504 REMOVE AIRLINE WAP AND ASSOCIATED MOUNTING HARDWARE. REMOVE CABLING BACK TO SOURCE & DOCUMENT TERMINATION POINT. SALVAGE UNIT FOR REINSTALLATION. COORDINATE WITH AIRLINE STAFF FOR ACCESS TO RACK.

9.505 REMOVE SPEAKER AND ASSOCIATED MOUNTING HARDWARE. REMOVE CABLING BACK TO SOURCE & DOCUMENT TERMINATION POINT. SALVAGE UNIT FOR REINSTALLATION.

9.506 FURNISH NEW MUD/PLASTER RING OF THE APPROPRIATE DEPTH TO MATCH FINISHED WALL SURFACE. INSTALL ON EXISTING BACKBOX AND SEAL WALL OPENING AROUND BOX.

9.508 REMOVE AIRLINE WAP AND ASSOCIATED CABLING BACK TO SOURCE IF HOME RUNNED AND COORDINATE WITH AIRLINE STAFF FOR ACCESS TO RACK AND DOCUMENT TERMINATION POINT. LEAVE EXISTING SURFACE BOX AND RUN NEW CABLE FOR TEMPORARY INSTALLATION OF WAP TO EXISTING ANTENNA POLE CLOSEST TO BAGGAGE SCREENING DOOR 101. REUSING EXISTING WAP MOUNT INSTALL TO LOWER SECTION OF PIPE ABOVE LOWER ATTACHMENT TO WALL.

9.509 EXISTING ANTENNA POLE FOR WAP MOUNTING.

9.701 FOR HMI DISPLAY BY OTHERS. REFERENCE T501 FOR ADDITIONAL INFORMATION.

9.702 PROVIDE AND INSTALL NEW 1" CONDUIT TO EXISTING BOX WHERE UNIT WAS PREVIOUSLY LOCATED. CABLE AND DEVICE INSTALL BY AIRLINE.

9.703 PROVIDE AND INSTALL NEW 3/4" CONDUIT TO EXISTING BOX WHERE UNIT WAS PREVIOUSLY LOCATED. TERMINATE NEW CABLE AT PREVIOUS LOCATION IN AUDIO RACK IN COMM/TECH 112.

9.704 PROVIDE AND INSTALL NEW 1-1/2" CONDUIT (VIDEO) USE ELECTRICAL TRAPEZE (SEE E-401) WITH NEW CABLING TO EXISTING VIDEO SURVEILLANCE RACK IN COMM/TECH RM. COORDINATE WITH CLIENT FOR EXACT LOCATION OF RACK.

9.705 PROVIDE AND INSTALL NEW 2" CONDUIT (DATA) ON ELECTRICAL TRAPEZE (E-401) WITH NEW CABLING TO EXISTING AIRPORT NETWORK RACK IN COMM/TECH RM. COORDINATE WITH CLIENT FOR EXACT LOCATION OF RACK.

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9.707 FURNISH AND INSTALL NEW 1/2" CONDUIT TO NEW EXTENSION BOX AT EXISTING CAMERA LOCATION ON SOUTH WALL. RUN NEW CABLE AND RE-TERMINATE AT SAME LOCATION AS PREVIOUS CAMERA.

9.708 RUN CABLE TO FLOOR BOX AT SCREENING MACHINE.

9.709 MOUNT IN FLOOR BOX. REFERENCE E-401 AND ELECTRICAL SPECIFICATIONS FOR MORE INFORMATION.

9.710 PROVIDE AND INSTALL FLOOR BOX INTERFACE FOR CONNECTION TO NEW SURFACE MOUNT RACEWAY.

9.711 PROVIDE AND INSTALL NEW SURFACE MOUNT RACEWAY. EXTEND TO NEW MEDIA BOX FOR FUTURE FIBER OPTIC CABLE.

9.801 MOUNT ON UNDERSIDE OF CANOPY. RUN NEW 3/4" CONDUIT ON UNDERSIDE OF CANOPY. TO MEDIA BOX IN SPRUNG STRUCTURE.

9.802 INSTALL AND CONNECT SALVAGED CARD READER/ KEYPADS TO EXISTING DIB ABOVE DOOR.

9.803 MOUNT TO SPRUNG STRUCTURE FRAMING. PROVIDE AND INSTALL NEW 1" CONDUIT TO NEW MEDIA BOX WITH ACCESS CONTROL CABLING.

9.804 PROVIDE AND INSTALL NEW BOX WITH REMOVABLE COVER FOR ACCESS CONTROL. SIZE BOX PER NEC TO ACCOMMODATE NEW CONDUITS AND 25% FUTURE CONDUCTORS. ATTACH TO SPRUNG STRUCTURE FRAMING.

9.805 PROVIDE AND INSTALL NEW 2" CONDUIT ON ELECTRICAL TRAPEZE (SEE E-401) WITH ACCESS CONTROL CABLING TO ACCESS CONTROL PANEL IN COMM/TECH RM. COORDINATE WITH CLIENT FOR EXACT LOCATION.

9.806 PROVIDE AND INSTALL NEW CABLE PATHWAY DOWN INTO UNDER FLOOR RACEWAY SYSTEM. REFERENCE E-401 FOR MORE INFORMATION. RUN NEW CABLING IN UNDERGROUND RACEWAY TO NEW "DIB" LOCATED NEXT TO NEW MEDIA BOX.

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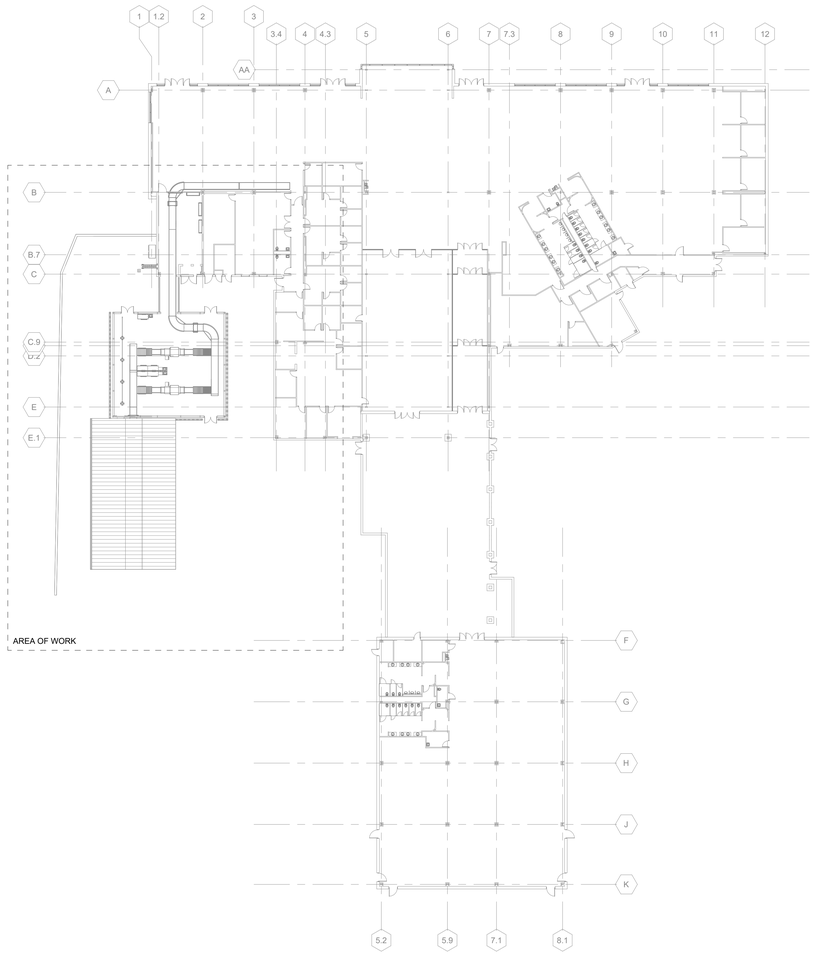
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COMMUNICATIONS GENERAL NOTES

1. REFER TO T-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.
2. REFER TO T-500 SERIES FOR DETAILS, T-600 SERIES FOR SCHEDULES AND RISER DIAGRAMS.



N 1 FIRST FLOOR OVERALL COMMUNICATIONS PLAN
1" = 30'-0"

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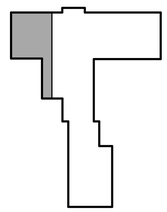
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KEY PLAN

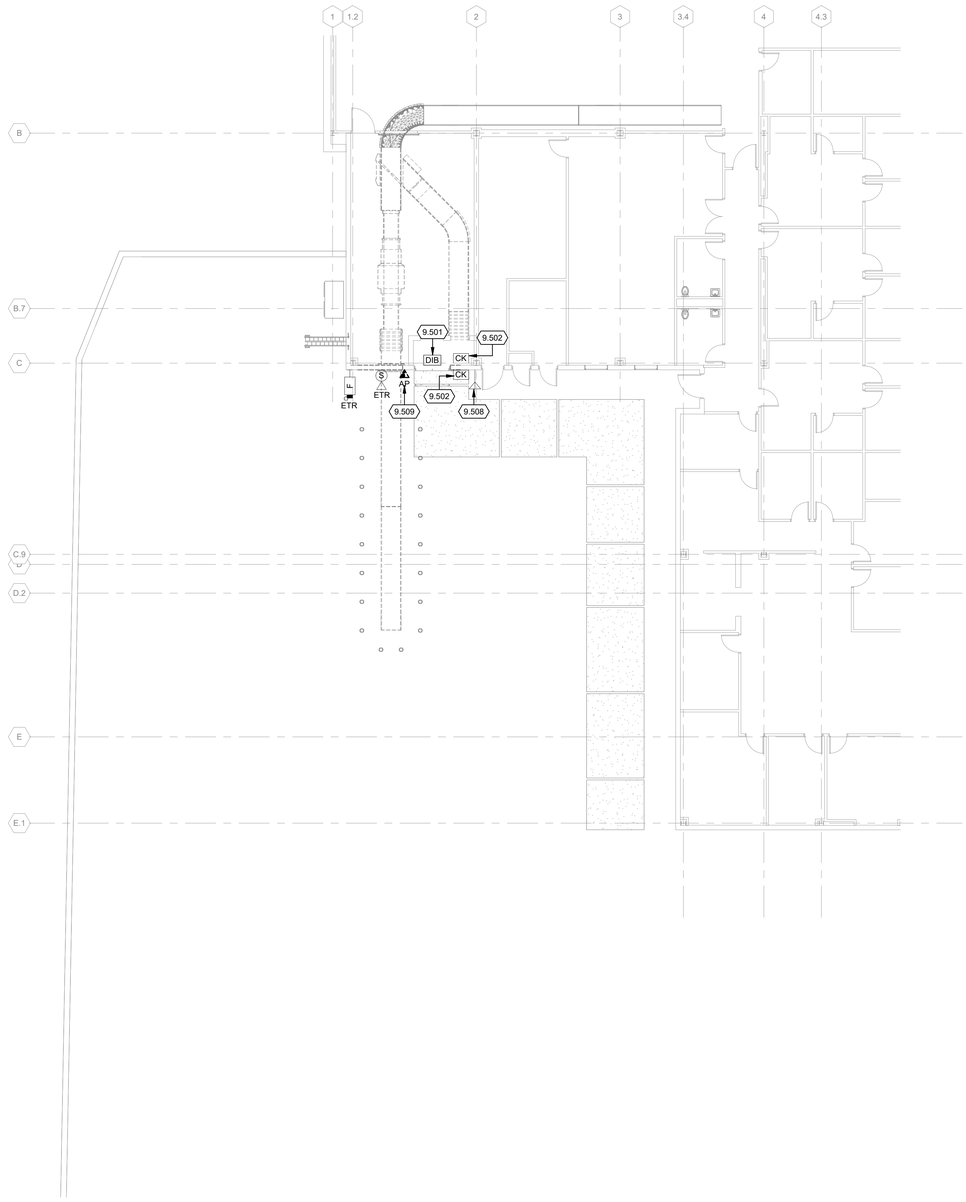
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FIRST FLOOR OVERALL COMMUNICATIONS PLAN

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T-011

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N 1 **FIRST FLOOR TECHNOLOGY SYSTEMS DEMOLITION PLAN - PHASE 1**
3/32" = 1'-0"

TECHNOLOGY DEMOLITION NOTES

1. REFER TO ARCHITECTURAL AND ELECTRICAL DEMO DRAWINGS FOR ADDITIONAL INFORMATION.

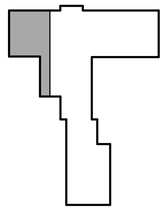
KEYED NOTES

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9.502 REMOVE CARD READER/KEYPAD & WIRING BACK TO DIB ABOVE DOOR. SALVAGE FOR REINSTALLATION.

9.508 REMOVE AIRLINE WAP AND ASSOCIATED CABLING BACK TO SOURCE IF HOME RUNNED AND COORDINATE WITH AIRLINE STAFF FOR ACCESS TO RACK AND DOCUMENT TERMINATION POINT. LEAVE EXISTING SURFACE BOX AND RUN NEW CABLE FOR TEMPORARY INSTALLATION OF WAP TO EXISTING ANTENNA POLE CLOSEST TO BAGGAGE SCREENING DOOR 101. REUSING EXISTING WAP MOUNT INSTALL TO LOWER SECTION OF PIPE ABOVE LOWER ATTACHMENT TO WALL.

9.509 EXISTING ANTENNA POLE FOR WAP MOUNTING.



KEY PLAN

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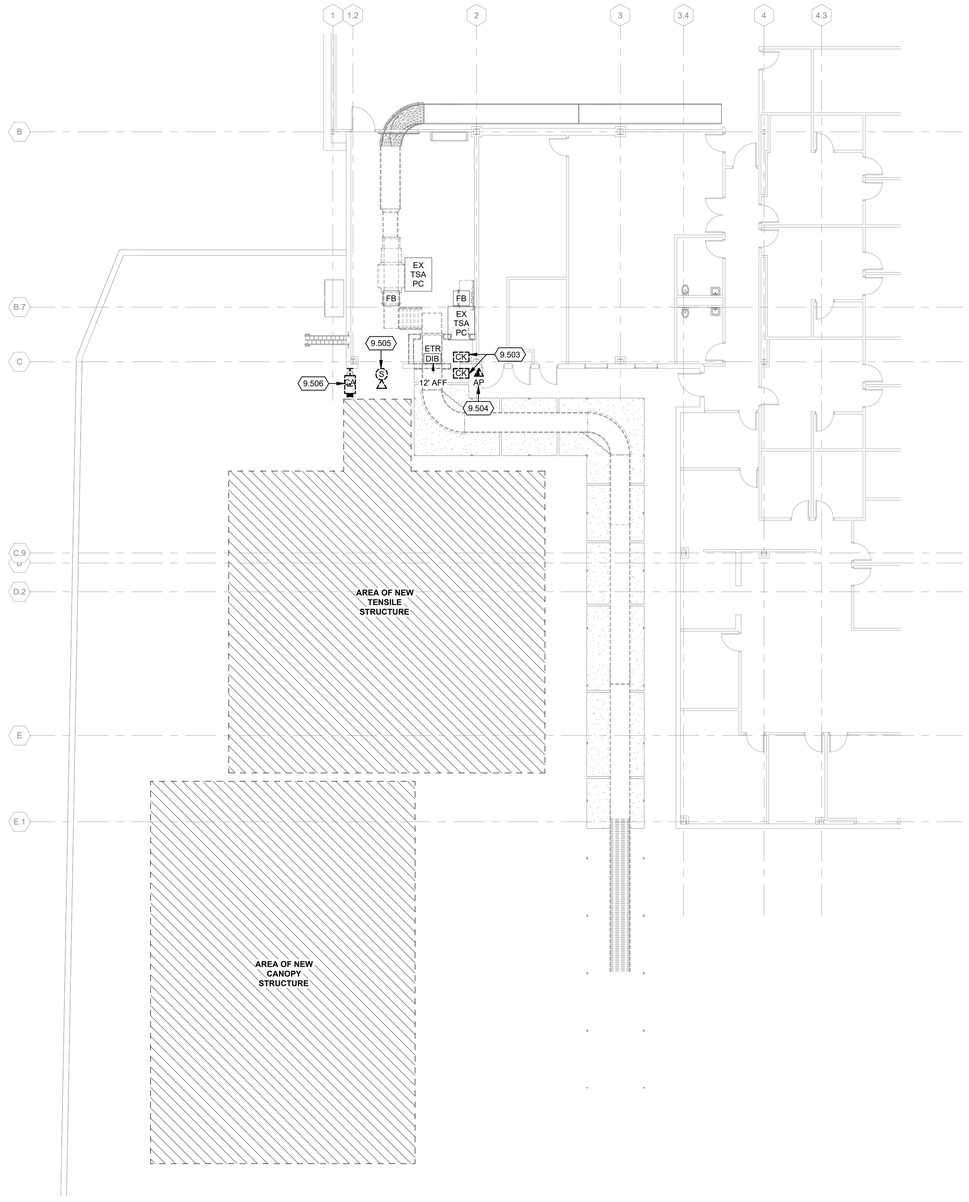
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FIRST FLOOR TECHNOLOGY SYSTEMS DEMOLITION PLAN - PHASE 1

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N 1 **FIRST FLOOR TECHNOLOGY SYSTEMS DEMOLITION PLAN - PHASE 2**
3/32" = 1'-0"

TECHNOLOGY DEMOLITION NOTES

1. EXISTING BOXES AND CABLE PATHWAY TO REMAIN FOR NEXT PHASE.
2. DELIVER DEVICES TO APPROPRIATE GROUP.

KEYED NOTES

9.503 REMOVE ALL ACCESS CONTROL DEVICES FROM DOOR AND ASSOCIATED CABLING BACK TO DOOR INTERFACE BOX ABOVE DOOR. SALVAGE UNITS FOR REINSTALLATION.

9.504 REMOVE AIRLINE WAP AND ASSOCIATED MOUNTING HARDWARE. REMOVE CABLING BACK TO SOURCE & DOCUMENT TERMINATION POINT. SALVAGE UNIT FOR REINSTALLATION. COORDINATE WITH AIRLINE STAFF FOR ACCESS TO RACK.

9.505 REMOVE SPEAKER AND ASSOCIATED MOUNTING HARDWARE. REMOVE CABLING BACK TO SOURCE & DOCUMENT TERMINATION POINT. SALVAGE UNIT FOR REINSTALLATION.

9.506 FURNISH NEW MUD/PLASTER RING OF THE APPROPRIATE DEPTH TO MATCH FINISHED WALL SURFACE, INSTALL ON EXISTING BACKBOX AND SEAL WALL OPENING AROUND BOX.

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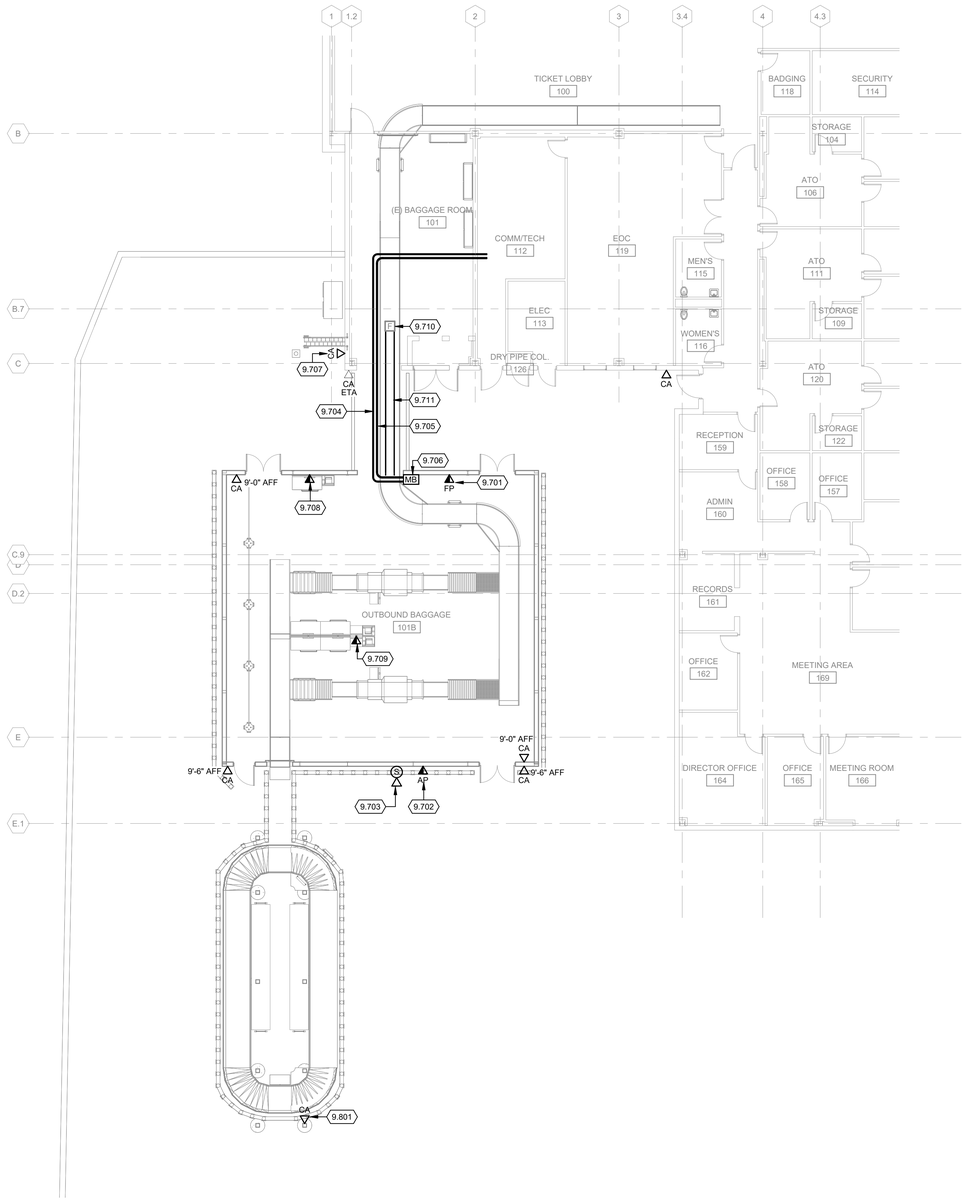
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SHEET CONTENTS
FIRST FLOOR TECHNOLOGY SYSTEMS DEMOLITION PLAN - PHASE 2

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TD102

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FIRST FLOOR COMMUNICATIONS PLAN

3/32" = 1'-0"

COMMUNICATIONS GENERAL NOTES

1. REFER TO T-001 FOR NOTES, SYMBOLS, AND ABBREVIATIONS.
2. REFER TO T-500 SERIES FOR DETAILS, AND T-600 SERIES FOR SCHEDULES, AND RISER DIAGRAMS.
3. ALL DEVICE BOXES & CONDUIT TO BE ATTACHED TO SPRUNG STRUCTURE FRAMING.
4. USE HARDWARE SUITABLE FOR ENVIRONMENT AND AS RECOMMENDED BY SPRUNG STRUCTURE MANUFACTURER.

KEYED NOTES

9.701 FOR HMI DISPLAY BY OTHERS. REFERENCE T501 FOR ADDITIONAL INFORMATION.

9.702 PROVIDE AND INSTALL NEW 1" CONDUIT TO EXISTING BOX WHERE UNIT WAS PREVIOUSLY LOCATED. CABLE AND DEVICE INSTALL BY AIRLINE.

9.703 PROVIDE AND INSTALL NEW 3/4" CONDUIT TO EXISTING BOX WHERE UNIT WAS PREVIOUSLY LOCATED. TERMINATE NEW CABLE AT PREVIOUS LOCATION IN AUDIO RACK IN COMM/TECH 112.

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FIRST FLOOR COMMUNICATIONS PLAN

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T-101

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BICSI ID # 103765
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SECURITY GENERAL NOTES

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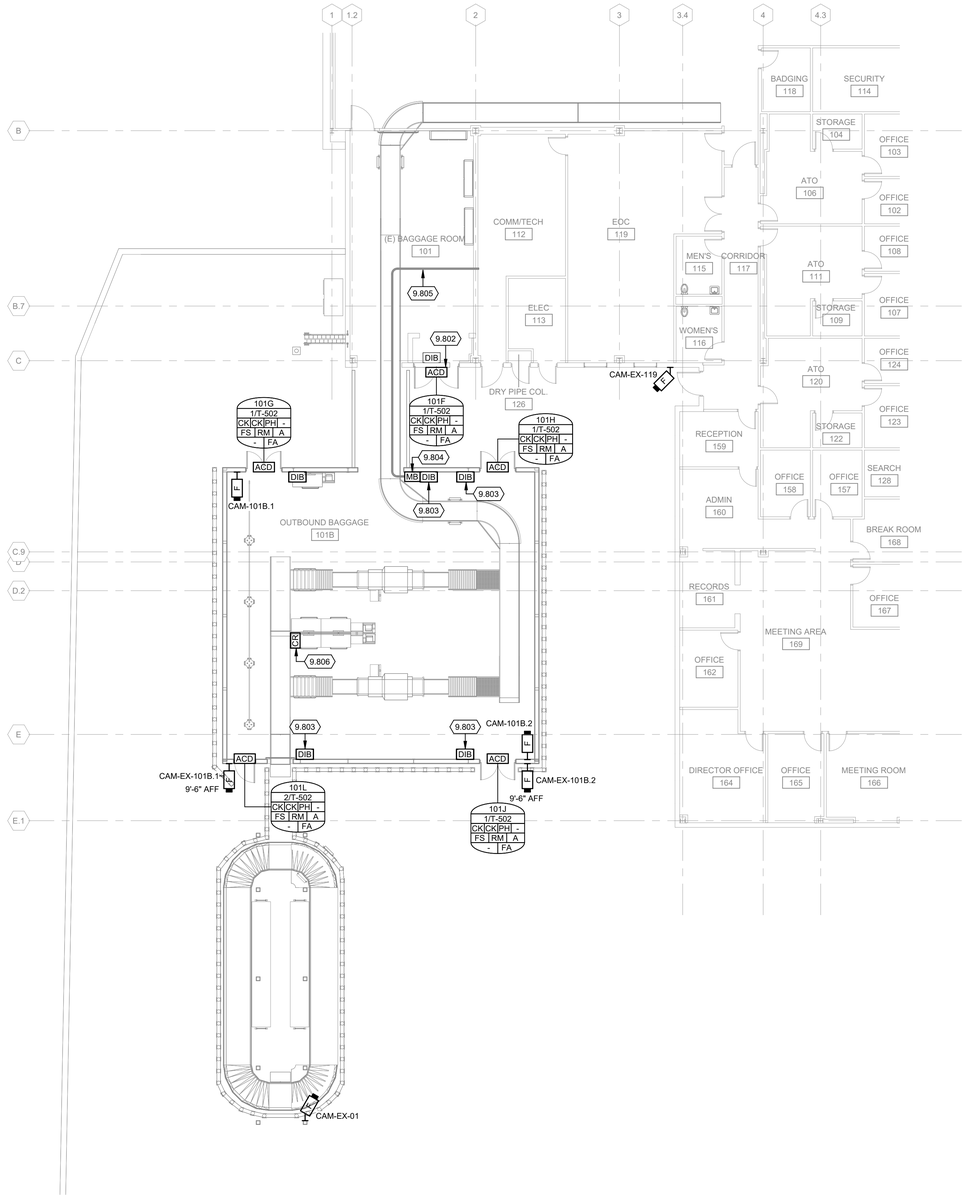
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1 FIRST FLOOR SECURITY PLAN

3/32" = 1'-0"

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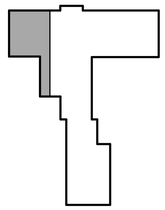
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KEY PLAN

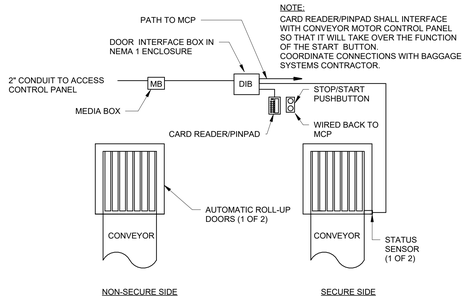
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
MICHAEL J BOERING
BICSI ID # 103765
EXPIRES 12-31-27
RCDD
28 JAN 2026

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: TA
DRAWN BY: DAK
CHECKED BY: MJR
DO NOT SCALE DRAWINGS

SHEET CONTENTS
FIRST FLOOR SECURITY PLAN

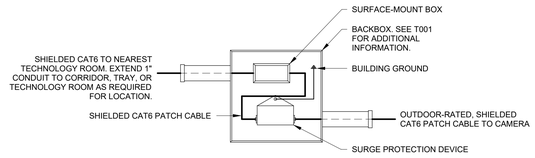
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T-121

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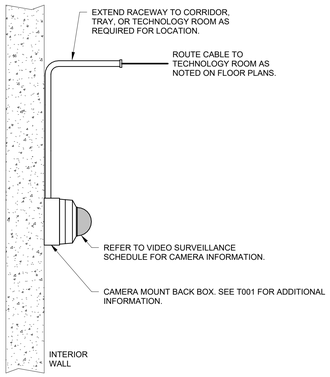


NOTE:
CARD READER/PINPAD SHALL INTERFACE WITH CONVEYOR MOTOR CONTROL PANEL SO THAT IT WILL TAKE OVER THE FUNCTION OF THE START BUTTON. COORDINATE CONNECTIONS WITH BAGGAGE SYSTEMS CONTRACTOR.

4 BAGGAGE HANDLING SYSTEM (BHS) AND ACCESS CONTROL DIAGRAM (TYPICAL)
NO SCALE

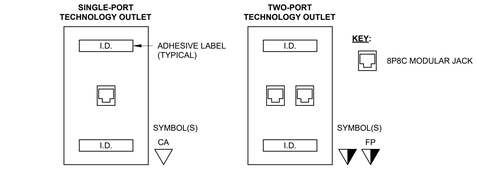


1 EXTERIOR CAMERA - CAMERA OUTLET TERMINATION BOX
NO SCALE



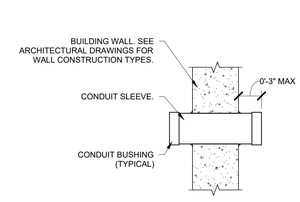
NOTES:
1. REFER TO VIDEO SURVEILLANCE SCHEDULE FOR MOUNTING INFORMATION.
2. REFER TO VIDEO SURVEILLANCE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. REFER TO DIVISION 26 SPECIFICATIONS FOR BACKBOX AND CONDUIT TYPE AND SUPPORT REQUIREMENTS.

5 INTERIOR CAMERA - WALL - SURFACE
NO SCALE



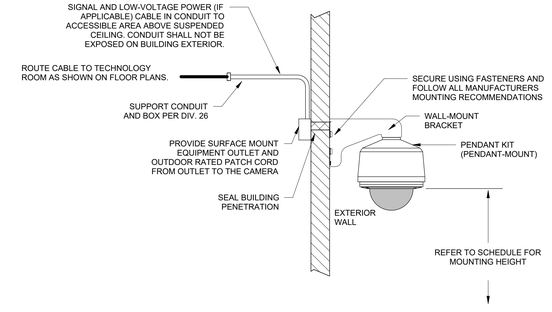
NOTES:
1. REFER TO DIVISION 27 SPECIFICATIONS FOR PERFORMANCE, PIN/PAIR ASSIGNMENTS, MATERIAL, AND COLOR.

2 TECHNOLOGY OUTLET CONFIGURATIONS
NO SCALE



NOTES:
1. MINIMUM SIZING OF SLEEVE(S) FOR BACKBONE OR HORIZONTAL CABLING SHALL RESULT IN A MAXIMUM OF 40% FILL (CABLE AREA / SLEEVE AREA).
2. HORIZONTAL AND BACKBONE CABLES SHALL NOT SHARE THE SAME SLEEVE.
3. REFER TO DIVISION 7 SPECIFICATIONS FOR SLEEVE SEALANT REQUIREMENTS.

6 WALL PENETRATION SLEEVE
NO SCALE



3 CAMERA DOME - EXTERIOR WALL
NO SCALE

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS
975 Airport Dr, San Luis Obispo, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISIONS
2 01/28/26 PERMIT REVISIONS

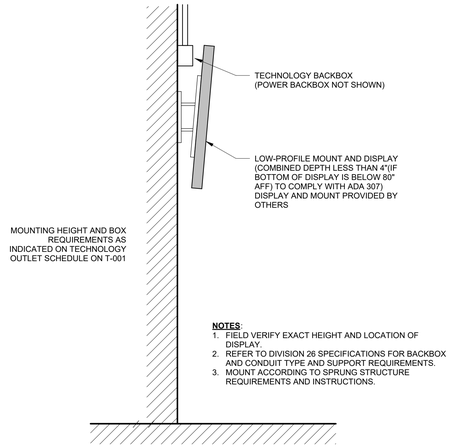
M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: TA
DRAWN BY: DAK
CHECKED BY: MJR
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SHEET CONTENTS
DETAILS

SHEET NO.:
T-501

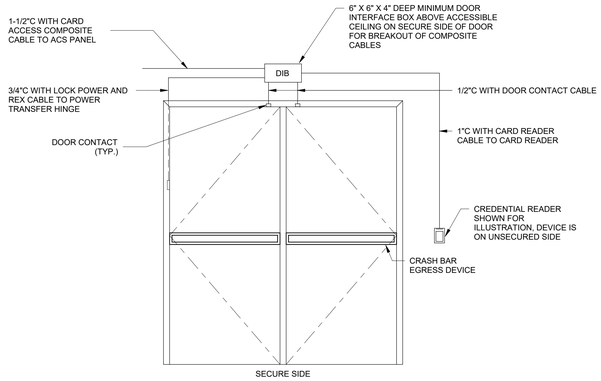
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
MICHAEL J BOERING
BICSI ID # 105758
EXPIRES 12-20-27
RCDD
29 Jan 2026

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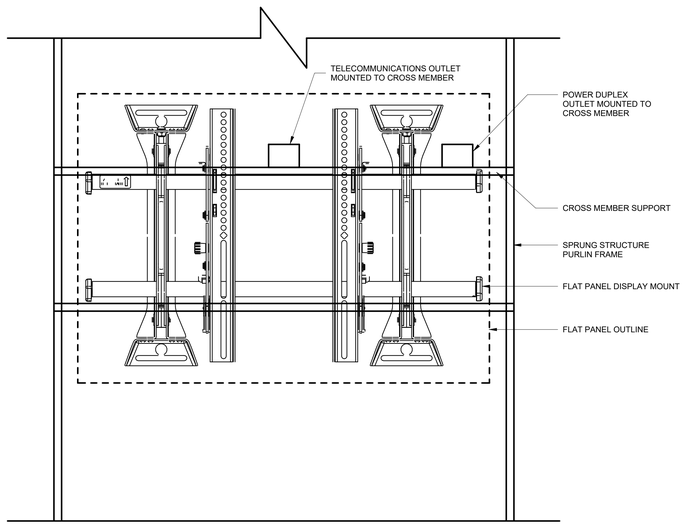
NOTES:
1. FIELD VERIFY EXACT HEIGHT AND LOCATION OF DISPLAY.
2. REFER TO DIVISION 26 SPECIFICATIONS FOR BACKBOX AND CONDUIT TYPE AND SUPPORT REQUIREMENTS.
3. MOUNT ACCORDING TO SPRUNG STRUCTURE REQUIREMENTS AND INSTRUCTIONS.

3 SURFACE WALL-MOUNTED DISPLAY DETAIL
NO SCALE



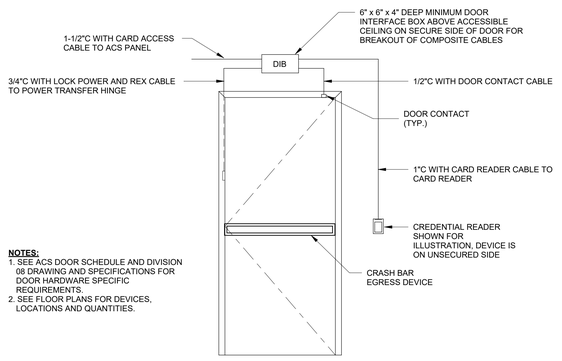
NOTES:
1. SEE ACS DOOR SCHEDULE AND DIVISION 08 DRAWINGS AND SPECIFICATIONS FOR DOOR HARDWARE SPECIFIC REQUIREMENTS.
2. SEE FLOOR PLANS FOR DEVICES, LOCATIONS AND QUANTITIES.

1 ACD - DOUBLE DOOR
NO SCALE



NOTES:
1. FIELD VERIFY EXACT DISTANCE BETWEEN PURLINS.
2. ATTACH CROSS MEMBER SUPPORT PER SPRUNG STRUCTURE MANUFACTURING RECOMMENDATIONS.
3. COORDINATE DISPLAY SIZE WITH SUPPLIER.
4. DISPLAY MOUNT TO BE SIZED ACCORDING TO DISPLAY WEIGHT.
5. REFERENCE DETAIL 3 FOR ADDITIONAL INFORMATION.

4 SURFACE WALL-MOUNTED DISPLAY DETAIL - FRONT VIEW
NO SCALE



NOTES:
1. SEE ACS DOOR SCHEDULE AND DIVISION 08 DRAWING AND SPECIFICATIONS FOR DOOR HARDWARE SPECIFIC REQUIREMENTS.
2. SEE FLOOR PLANS FOR DEVICES, LOCATIONS AND QUANTITIES.

SECURE SIDE

2 ACD - DOUBLE DOOR
NO SCALE

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BAGGAGE SCREENING MODS
975 Airport Dr, San Luis Obispo, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS
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M&H NO.: 1943000-222814.02
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SHEET CONTENTS
DETAILS

SHEET NO.:
T-502

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
MICHAEL J BOERING
BICSI ID # 105758
EXPIRES 12-29-27
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29 Jan 2026

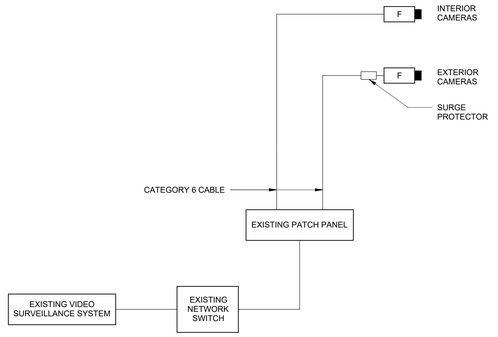
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ACCESS CONTROLLED DOOR SCHEDULE

DOOR ID	LEVEL	NEW/EXISTING	DETAIL	CREDENTIAL READER		LOCKING MECHANISM	REQUEST TO EXIT	DOOR MONITOR	FAIL OPERATION	AUTOMATIC DOOR OPERATOR	LOCAL ALARMS	FIRE ALARM INTERFACE	COMMENTS	ADDITIONAL NOTES
				SIDE 1	SIDE 2									
101F	Level 1	New Construction	1/T-502	CK	CK	PH	-	RM	FS	-	A	FA	PROGRAM FOR DELAYED EGRESS	N/A
101G	Level 1	New Construction	1/T-502	CK	CK	PH	-	RM	FS	-	A	FA	PROGRAM FOR DELAYED EGRESS	N/A
101H	Level 1	New Construction	1/T-502	CK	CK	PH	-	RM	FS	-	A	FA	PROGRAM FOR DELAYED EGRESS	N/A
101J	Level 1	New Construction	1/T-502	CK	CK	PH	-	RM	FS	-	A	FA	PROGRAM FOR DELAYED EGRESS	N/A
101L	Level 1	New Construction	2/T-502	CK	CK	PH	-	RM	FS	-	A	FA	PROGRAM FOR DELAYED EGRESS	N/A

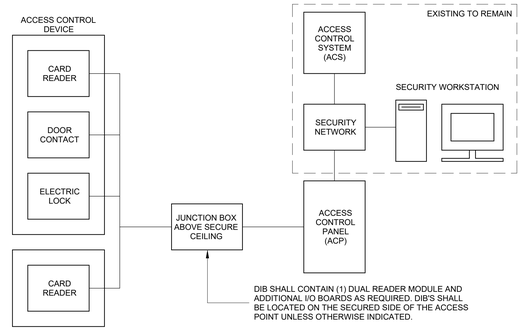
VIDEO SURVEILLANCE SCHEDULE

CAMERA ID	LOCATION	CAMERA CONFIGURATION		AREA OF COVERAGE	MOUNTING CONDITIONS			TERMINATION POINT
		TYPE	SUBTYPE		TYPE	HEIGHT	DETAIL	
CAM-101B.1	NORTHWEST WALL	FIXED	5 MP	DETAILED DESCRIPTION	WALL	9'-0"	7/T-501	COMM/TECH
CAM-101B.2	SOUTHEAST WALL	FIXED	5 MP	DETAILED DESCRIPTION	WALL	9'-0"	7/T-501	COMM/TECH
CAM-EX-01	SOUTHEAST CANOPY	FIXED	5 MP	DETAILED DESCRIPTION	WALL	9'-0"	3/T-501	COMM/TECH
CAM-EX-101B.1	EXTERIOR WEST	FIXED	5 MP	DETAILED DESCRIPTION	WALL	9'-6"	3/T-501	COMM/TECH
CAM-EX-101B.2	EXTERIOR EAST	FIXED	5 MP	DETAILED DESCRIPTION	WALL	9'-6"	3/T-501	COMM/TECH
CAM-EX-119	EXTERIOR WALL OF EXISTING STRUCTURE	FIXED	5 MP	DETAILED DESCRIPTION	WALL	9'-0"	7/T-501	COMM/TECH



NOTES:
1. CAMERAS ARE DIAGRAMMATIC ONLY. REFER TO DRAWINGS FOR ACTUAL QUANTITIES.
2. PROVIDE IN-LINE SURGE PROTECTION FOR ANY EXTERIOR CAMERA.
3. COORDINATE LOCATION OF PATCH PANEL TERMINATION WITH CLIENT.

2 CAMERA ONE-LINE DIAGRAM
NO SCALE



NOTES:
1. REFER TO T-001 FOR NOTES, SYMBOLS AND REFER TO ACCESS CONTROL SCHEDULE FOR ABBREVIATIONS.
2. LAYOUT IS TYPICAL. REFER TO DRAWINGS FOR ACCESS CONTROL LOCATIONS AND QUANTITIES. REFER TO DOOR SCHEDULES AND DIVISION 08 SPECIFICATIONS FOR SPECIFIC DOOR DEVICES.
3. REFER TO DIVISION 28 SPECIFICATIONS FOR ACCESS CONTROL ROLES AND RESPONSIBILITIES. PROVIDE ALL EQUIPMENT AND CONNECTIONS NECESSARY TO PROVIDE A FULLY FUNCTIONAL SYSTEM.
4. NEW DOORS TO BE ADDED TO EXISTING SYSTEM. PROGRAMMING TO BE DONE BY CLIENT.
5. FOLLOW ACCESS CONTROL SYSTEM MANUFACTURER'S REQUIREMENTS FOR INSTALLATION AND CABLING.

1 ACCESS CONTROL ONE-LINE DIAGRAM
NO SCALE

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT (SBP)
BAGGAGE SCREENING MODS

975 Airport Dr, San Luis Obispo, CA 93401

ISSUED

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M&H NO.: 1943000-222814.02
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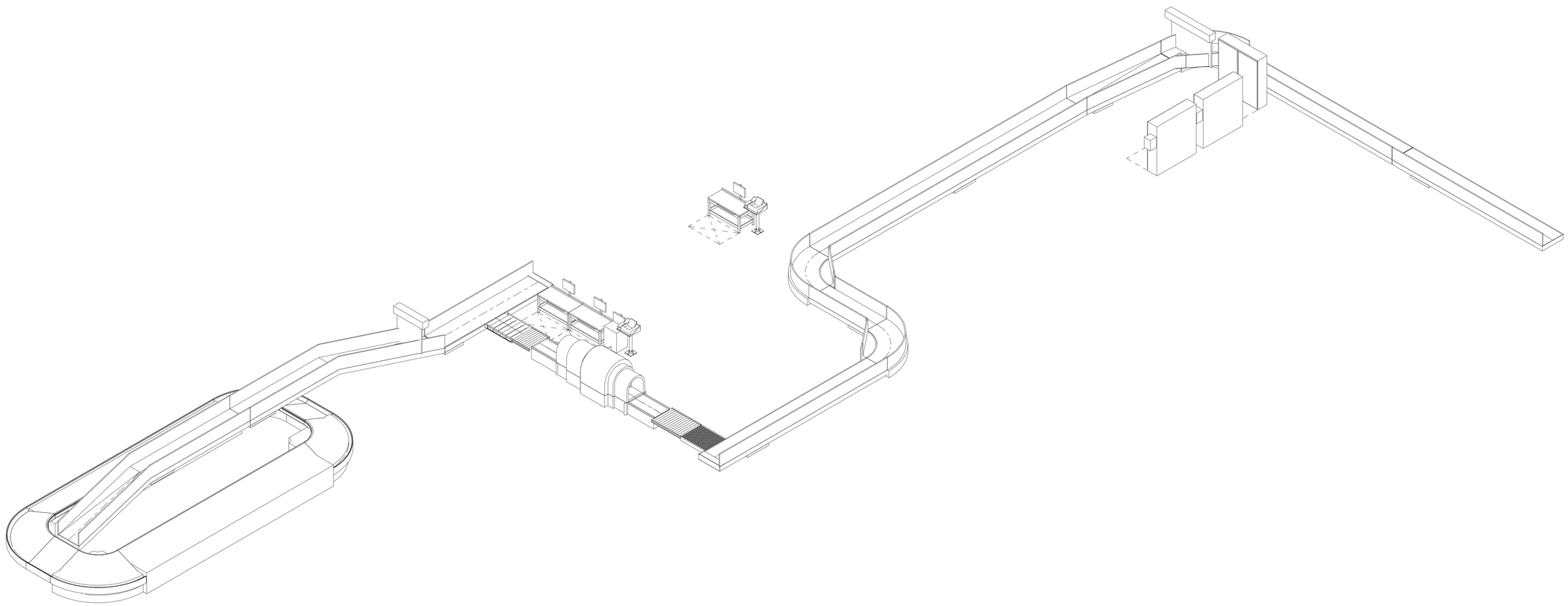
SHEET CONTENTS
SCHEDULES AND ONE-LINE DIAGRAM

SHEET NO.:
T-601

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
MICHAEL J BOERING
BICSI ID # 101728
EXPIRES 12-20-27
RCDD
28 JAN 2026

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODIFICATIONS
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401



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9600 NE Cascades Parkway,
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phone: 503-548-1494
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT

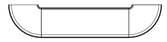
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DATE: January 28, 2026
DESIGNED BY: LP
DRAWN BY: LP
CHECKED BY: KT
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SHEET CONTENTS
COVER SHEET

SHEET NO.:
QB-000

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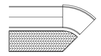
BHS EQUIPMENT LEGEND

DESCRIPTION	PLAN VIEW	ELEVATION
90° POWER TURN		
TRANSPORT CONV.		
INCLINE CONV.		
DECLINE CONV.		
BREAKOVER CONV.		
SECURITY DOOR		
MCP		
INCLINED PLATE MAKE-UP DEVICE		
ROLLER BED		
LIFT GATE		
BALL MAT		
CT-80DR+L		

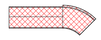
SYMBOLS



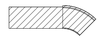
EXISTING CONVEYOR



EXISTING CONVEYOR
W/ EXISTING CATWALK



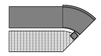
CONVEYOR TO BE DEMOLISHED



CONVEYOR TO BE MODIFIED / RE-USED



PROPOSED CONVEYOR



PROPOSED CONVEYOR
W/ NEW CATWALK

BREAK LINE

FLOW ARROW

ELEVATION MARKER



DRIVE SECTION (PLAN VIEW)



DRIVE SECTION (ELEVATION)



ENDROLLER SECTION (PLAN VIEW)



ENDROLLER SECTION (ELEVATION)

ABBREVIATIONS

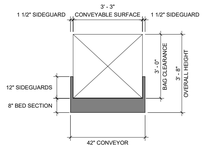
ABBR.	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ARCH	ARCHITECT
BM	BALL MAT
BR	BETWEEN FRAME
BHS	BAGGAGE HANDLING SYSTEM
BHSC	BAGGAGE HANDLING SYSTEM CONTRACTOR
BLDG	BUILDING
BOT	BOTTOM
CB	CLEAR BAG
CBRA	CHECKED BAGGAGE RESOLUTION AREA
CENTL	CENTRAL
CL	CENTERLINE
CLR	CLEAR
CONC	CONTINUOUS
CONV	CONVEYOR
DEG	DEGREE
DWG	DRAWING
(E)	EXISTING
ETD	EXPLOSIVE TRACE DETECTION
EL	ELEVATION
E-STOP	EMERGENCY STOP
EQUIP	EQUIPMENT
FIN	FINISH
FL	FLOOR
GC	GENERAL CONTRACTOR
HT	HEIGHT
ID	IDENTIFICATION
INTFC	INTERFACE
ISO	ISOMETRIC
LG	LIFT GATE
LP	LATCH POINT
LVL	LEVEL
MANT	MAINTENANCE
MCP	MOTOR CONTROL PANEL
MIN	MINIMUM
MU	MAKE-UP UNIT
OA	OVERALL
O/C	ON CENTER
OOG	OUT OF GAUGE BAG
OPS	OPERATIONS
OPNG	OPENING
OSA	ON SCREEN RESOLUTION
PAX	PASSENGERS
PLATF	PLATFORM
RB	ROLLERBED
REF	REFERENCE
REQ'D	REQUIRED
SEC	SECONDS
SB	SUSPECT BAG
SM	SIMILAR
SS	STAINLESS STEEL
STR	STRUCTURE
TEMP	TEMPORARY
TOB	TOP OF BELT
TOP	TOP OF PLATFORM
TOS	TOP OF STEEL
TRS	TOP RUNNING SURFACE
TSA	TRANSPORTATION SECURITY ADMINISTRATION
TYP	TYPICAL
VIF	VERIFY IN FIELD

DRAWING SHEET LIST

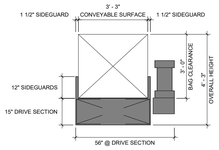
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DRAWING SHEET LIST	
SHEET NUMBER	SHEET NAME
QB-000	COVER SHEET
QB-001	SYMBOLS & ABBREV PAGE
QB-002	GENERAL NOTES
QB-003	SINGLE LINE DIAGRAM
QB-004	PLAN VIEW - FIRST FLOOR - PROPOSED - SUBSYSTEMS
QB-100	PLAN VIEW - FIRST FLOOR - DEMO
QB-130	PLAN VIEW - FIRST FLOOR - TEMPORARY
QB-150	OVERALL VIEW - FIRST FLOOR - PROPOSED
QB-151	PLAN VIEW - FIRST FLOOR - PROPOSED
QB-200	ENLARGED VIEW - FIRST FLOOR - PROPOSED - CBRA
QB-300	SECTION VIEWS - FIRST FLOOR - PROPOSED - TICKETING
QB-301	SECTION VIEWS - FIRST FLOOR - PROPOSED - CBRA
QB-302	SECTION VIEWS - FIRST FLOOR - PROPOSED - MAKE-UP
QB-303	SECTION VIEWS - FIRST FLOOR - TEMPORARY
QB-450	PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 0
QB-451	PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 1
QB-452	PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 2
QB-500	TYPICAL DETAILS - SAFETY SIGNAGE
QB-501	TYPICAL DETAILS - SAFETY SIGNAGE
QB-502	TYPICAL DETAILS - SECURITY DOOR
QB-503	TYPICAL DETAILS - MCP CABINET
QB-504	TYPICAL DETAILS - INCLINE PLATE - MAKE-UP
QB-505	TYPICAL DETAILS - LOADING DETAILS
QB-506	TYPICAL DETAILS - OVERSIZE SIDEGUARD MODIFICATION
QB-507	TYPICAL DETAILS - FLOOR SUPPORT ANCHORS
QB-600	CONVEYOR MANIFEST
QB-650	PLAN VIEW - FIRST FLOOR - PROPOSED - MCP ZONES & MCP LOADS
QB-700	TYPICAL DETAILS - CONTROL STATIONS
QB-701	PLAN VIEW - FIRST FLOOR - PROPOSED - CONTROL STATION LAYOUT
QB-750	PLAN VIEW - FIRST FLOOR - PROPOSED - E-STOP ZONES
QB-800	PLAN VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS
QB-801	SECTION VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS

TYPICAL CONVEYOR CLEARANCES



TYPICAL CONVEYOR ROW



TYPICAL CONVEYOR ROW
@ DRIVE SECTION

CONVEYOR I.D. NOMENCLATURE

XXX - ##

CONVEYOR SUBSYSTEM ID

TC1 - TICKET COUNTER #1
SS1 - SECURITY SHUNT #1
SS2 - SECURITY SHUNT #2
MF- MAKE-UP FEED

CONVEYOR SEQUENCE NUMBER

BEGINS WITH 01
CONTINUES CONSECUTIVELY THROUGH DURATION OF SUBSYSTEM

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
09/03/25 ISSUED FOR PERMIT
1 09/30/25 PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
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SHEET CONTENTS
SYMBOLS & ABBREV PAGE

SHEET NO.:
QB-001

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GENERAL NOTES

Introduction

1. This introduction to the drawing package and the contract documents is intended to allow the Contractor to gain a quick understanding of the details that are contained herein – it is not however a substitution for the required detailed work in order to develop a proper proposal.
2. This drawing package and the associated contract documents make up the scope of work at the Airport
3. It is the Contractor's responsibility to carefully review the information contained herein to understand the intent of the systems presented. Furthermore, the Contractor assumes full responsibility to deliver a fully functioning system once completed.
4. The information presented is not guaranteed to be 100% accurate. However, it is the best known information at the time of the preparation of the contract documents.
5. The Contractor is to review and understand the program before developing a proposal.

General Notes

1. The purpose of the drawings and specifications is to communicate the general design intent.
2. Pricing submitted shall be for a complete and operational system. All systems shall include all components required to make it so, whether shown on the drawings or specifications or not. Any additional drawings, specifications, or additional clarifications shall be presented to the owner and/or the Project Manager during the review process.
3. The Contractor shall visit the jobsite to verify dimensions governing the work to be completed. All dimensions, measurements, locations, elevations, etc., shall be taken from the actual field conditions – all of which the Contractor shall assume responsibility for.
4. It is the Contractor's responsibility to examine all obstructions adjoining the baggage system and report any conflict(s) which must be corrected to the Project Manager.
5. All work shall comply with applicable federal, state, and local codes, laws, acts, ordinances, and all authorities having jurisdiction.
6. Connections to existing systems shall be made so that the use of these systems is not interrupted without the Project Manager's approval as to the time and duration.
7. The Contractor shall prepare operation and maintenance manuals for all delivered systems prior to the system operational in use date (see technical specification 347716).
8. The Contractor shall be responsible for all aspects of jobsite safety. The Project Manager shall not assume any responsibility or risk for means and methods used by the Contractor for performing the work.

Drawings

1. The contract documents include (but are not limited to) the baggage system drawings, architectural drawings, communications/network drawings, electrical drawings, project specifications and apply to the work of this section. The Contractor is to familiarize themselves with all contract documents and how they relate to the installation and operation of the baggage handling system.
2. It shall be the Contractor's responsibility to request and obtain all necessary drawings and specifications applicable to the work from the Project Manager.

Existing Conditions

1. Information regarding existing conveyor equipment designated to remain, to be modified, or to be removed shall be obtained from the Project Manager (e.g. electrical as-build drawings, O&M manuals, and PLC architecture).
2. The BHS specification and accompanying contract documents are intended to outline the work and define functional requirements and establish minimum standards of quality for the project.
3. The Contractor shall assume full responsibility that the BHS; when completed the Work shall meet all local, state and federal laws, codes and safety standards and assures a safe and efficient system for all personnel who operate it, maintain it or have access to it.

Scope of Work

1. Provide a complete, operable, maintainable and safe system on a "turn-key basis", including all supports, header steel (unless otherwise specified),hangers, anchors, framing, trim, electrical power runs, motors, motor starters, disconnects, controls, software, push buttons, conduit, wiring, cabinets, platforms, ladders, stairs, crossovers, impact protection, etc., whether specifically shown and described, or implied in the plans and specifications or wherever required to effectively accomplish the intended functions of the BHS.
2. Furnish all design, labor, materials, and equipment required for implementing the BHS as defined by these contractdocuments. This includes, but is not limited to, installation, testing, installation of interim BHS conveyor segments (if applicable), all necessary wiring between BHS components, necessary protection of conveyor equipment with all related components, provisions of PLC's and PLC networks.
3. Furnish implementation schedules and/or associated phasing plan documentation with the operating and maintenance documentation to the Project Manager including required manuals, equipment parts lists and shop drawings; all in strict accordance with the specifications and applicable contract documents and subject to the terms and conditions of the contract.
4. Provide all hardware, software and construction supervision to insure that the BHS equipment operates as per the contract documents.
5. Comply with the TSA planning guidelines listed in the contract documents in all areas unless specific exceptions have been granted at time of award.

Execution

Demolition

1. Prior to the addition of any new equipment, currently installed items highlighted on drawings should be removed from service. Their removal should also result in the removal of all associated structural supports, hangers, electrical control devices, wiring, impact protection, etc. Related to that equipment per all applicable federal, state, local codes, and laws unless otherwise noted. Removal of this equipment must conform to the construction phasing plan defined in this documentation.
2. In the layout of the work the Contractor will encounter miscellaneous railings, ladders, stairs, crossovers, conduits, fire sprinklers, and other objects that are to be removed, relocated, or made safe. The Contractor will include this work in their proposal.

Removal / Recycling Salvage

1. GENERAL

A. The Contractor shall wherever possible make every effort to recycle in an environmentally friendly manner.
B. Care shall be taken by the Contractor when removing equipment to ensure that any equipment available for recovery by the Airport and used in the existing BHS remains in good condition and can be salvaged. In addition, any equipment that could be recycled shall not be contaminated such that it cannot be recycled.

2. DISPOSAL

A. All equipment not available for recycling shall be properly disposed of by the Contractor.
B. All gearboxes shall have fluids removed and properly disposed of before recycling.

3. CITY RECOVERY

A. The Contractor shall provide the City with five (5) days prior notice of existing equipment becoming available for recovery by the Airport's O&M contractor. The Airport shall be given five (5) days in which to remove any components from decommissioned equipment. Following removal of equipment by the Airport, the Contractor shall dispose of such equipment in accordance with the removal/recycling requirements of this contract.
B. Assemblies for recovery by the O&M contractors shall include components from;
   a. Power turns
   b. Merges
   c. HSD's
   d. Drive/head/tail units
   e. Motors
   f. Gearboxes/reducers
   g. Conveyor belting
   h. PEC's
   i. Encoders
   j. Warning devices
   k. Internal MCP equipment for MCP's not being reused by the Contractor
   l. VFD's

Installation

1. All equipment installation will include all associated structural supports, hangers, electrical control devices, wiring, etc. related to that equipment.

Modification

1. Modify all highlighted conveyors using the detailed equipment schedules. Reference the new/modified column for conveyor status and associated work required.

General Construction Provisions

1. All dimensions on structural drawings shall be field verified and checked against the architectural drawings. Any discrepancies shall be reported to the Project Manager. In case of conflicts between notes, details, plans and specifications the most rigid requirements shall govern until such time as a clarification is issued.
2. Project Manager's approval must be secured for all substitutions, prior to submission of bids.
3. The Contractor shall refer to architectural, mechanical, plumbing, electrical, and any other specialty drawings for size and location of openings, sleeves, curbs, inserts, slopes, depressions, or other items that interfere with the structure.
4. The requirements of the latest edition of the "OSHA construction standards" shall be followed by all Contractors, fabricators, and suppliers.
5. Conveyors shall be installed and operated in accordance with CAL OSHA General Industry Safety Order and Title 8 Section 3999.
6. The Contractor shall notify Project Manager of any obviously damaged structure not noted on the drawings prior to proceeding with related or affected construction. Likewise, the Contractor shall notify the Project Manager of any discrepancies between the assumed existing structure shown on the drawings and that found in the field.

2

Construction Site

1. Any reproduction of BHS bid drawings for re-submittal as shop drawings or bidding drawings is prohibited. Drawings produced in such a manner will be rejected.
2. All work for the construction and installation of the BHS shall be in accordance with all codes and standards and local laws and regulations, applicable to the design and construction of this type of equipment, which are generally accepted and used as good practice throughout the industry, namely NFPA, Underwriter's Laboratories, OSHA, SAE publications, National Electrical Code (NEC), American National Standards, etc. Design all parts and sub-assemblies in accordance with good commercial practice and assure safe, efficient and practical design in keeping with requirements peculiar to this type of system.
3. The Contractor shall be responsible for submittal to the Project Manager any request for information, clarification of specification and variance from the specifications as a request of information (RFI).
4. The Contractor shall obtain and pay for all permits, inspection fees and certificates relative to all phases of BHS construction.
5. The Contractor shall be responsible for all employee badges as required by the airport authority for this project. The owner will not provide escort services for employees.
6. The Contractor shall provide any and all temporary power and lighting that may be required for and during the course of installation and testing of the BHS. All temporary power and lighting must be approved by the Project Manager.
7. The Contractor shall perform a complete mechanical and electrical field survey of the existing BHS equipment and maintain consistency with the existing conveyor components in term of motors, gearboxes, bearing, belting, field control components and MCP control components to reduce spare parts inventory.
8. All temporary and final conveyor equipment supports shall be designed, engineered and installed so as not to infringe on the airport and the owner's operational areas, drive aisles or cart staging areas. All BHS equipment supports and installations in part or whole must not interfere with the row of any existing or future equipment designated for installation. All BHS installations shall maximize future baggage right of ways.
9. After installation of the BHS, the Contractor shall demonstrate the system 's operating capabilities to the Project Manager and/or his representative. Prior to the start of system acceptance testing, the BHS Contractor shall have accomplished all of the Contractor's internal testing.
10. The Contractor shall coordinate with airport security prior to start of work that could be potentially compromising to the airport's security (e.g. wall breakthroughs from ticketing).

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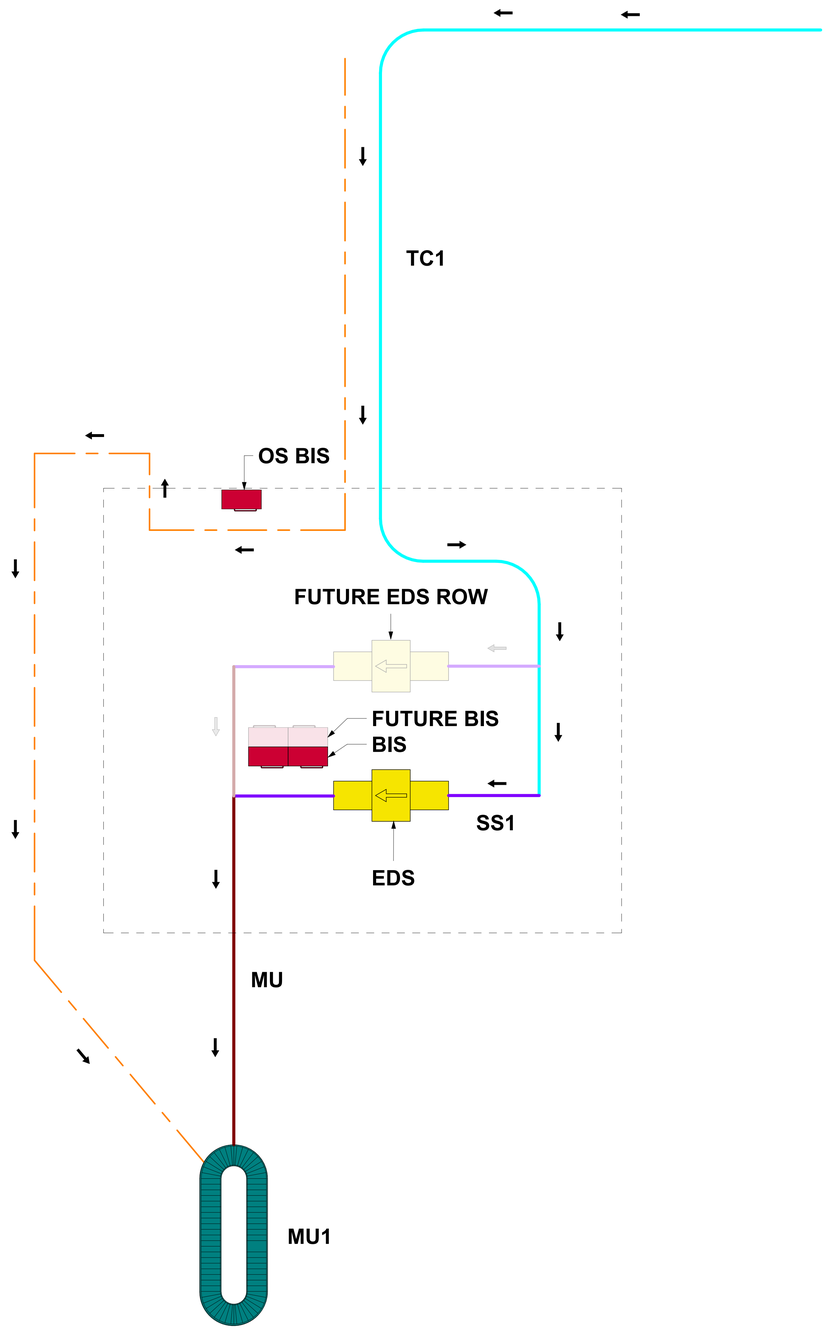
SHEET CONTENTS
GENERAL NOTES

SHEET NO.:
QB-002

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BHS LEGEND - SUBSYSTEM(SLD)

- TICKETING LINE
- MAKE-UP FEED
- MAKE-UP
- SECURITY SHUNT
- FUTURE LINE
- OS PATH

BHS LEGEND - SINGLE LINE DIAGRAM

- INCLINE PLATE MAKE UP/CLAIM
- BAG INSPECTION STATION (BIS)
- EDS MACHINE
- FLOW ARROW

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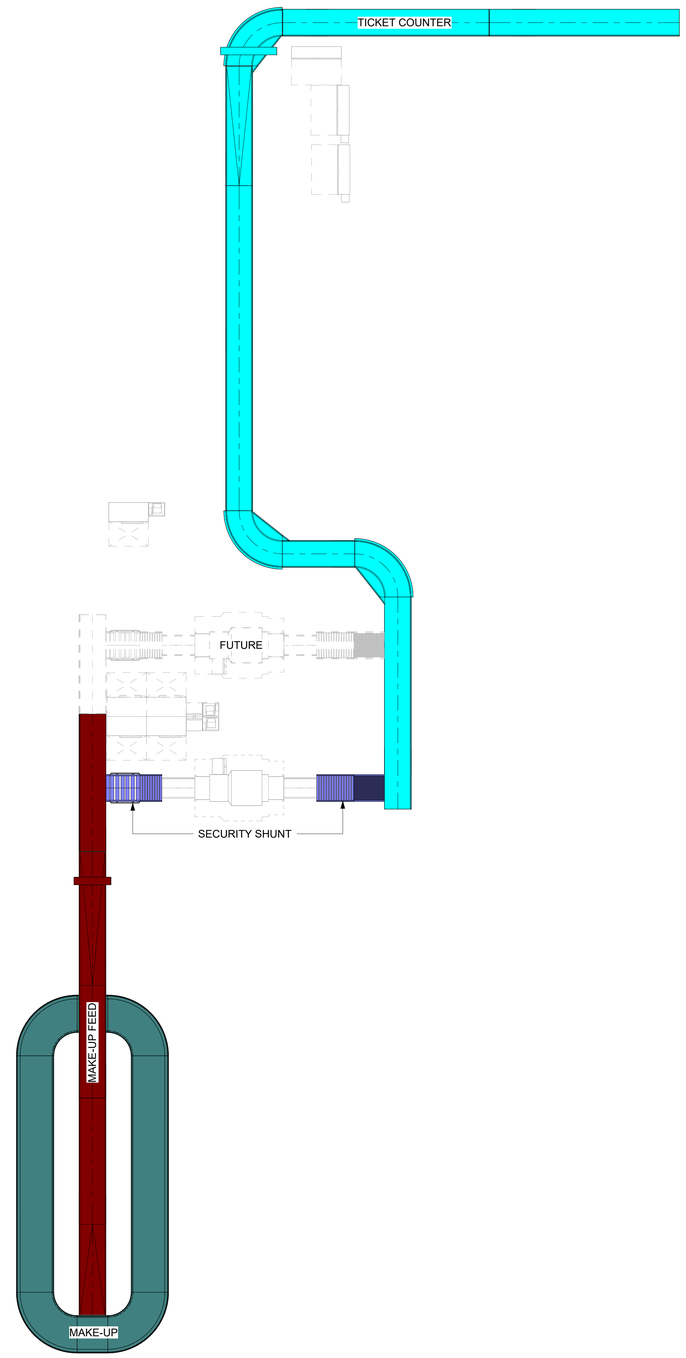
SHEET CONTENTS
SINGLE LINE DIAGRAM

SHEET NO.:
QB-003

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1 PLAN VIEW - FIRST FLOOR - PROPOSED - SUBSYSTEMS
1/8" = 1'-0"

BHS LEGEND - SUBSYSTEMS

- TICKETING COUNTER
- MAKE-UP FEED
- MAKE-UP
- SECURITY SHUNT
- FUTURE LINE

8 4 0 8 16

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SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - SUBSYSTEMS

SHEET NO.:
QB-004

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1 PLAN VIEW - FIRST FLOOR - DEMO
1/8" = 1'-0"

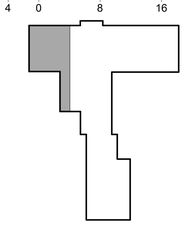
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BHS LEGEND - DEMO

- DEMO
- EXISTING TO REMAIN
- RELOCATE

8 4 0 8 16



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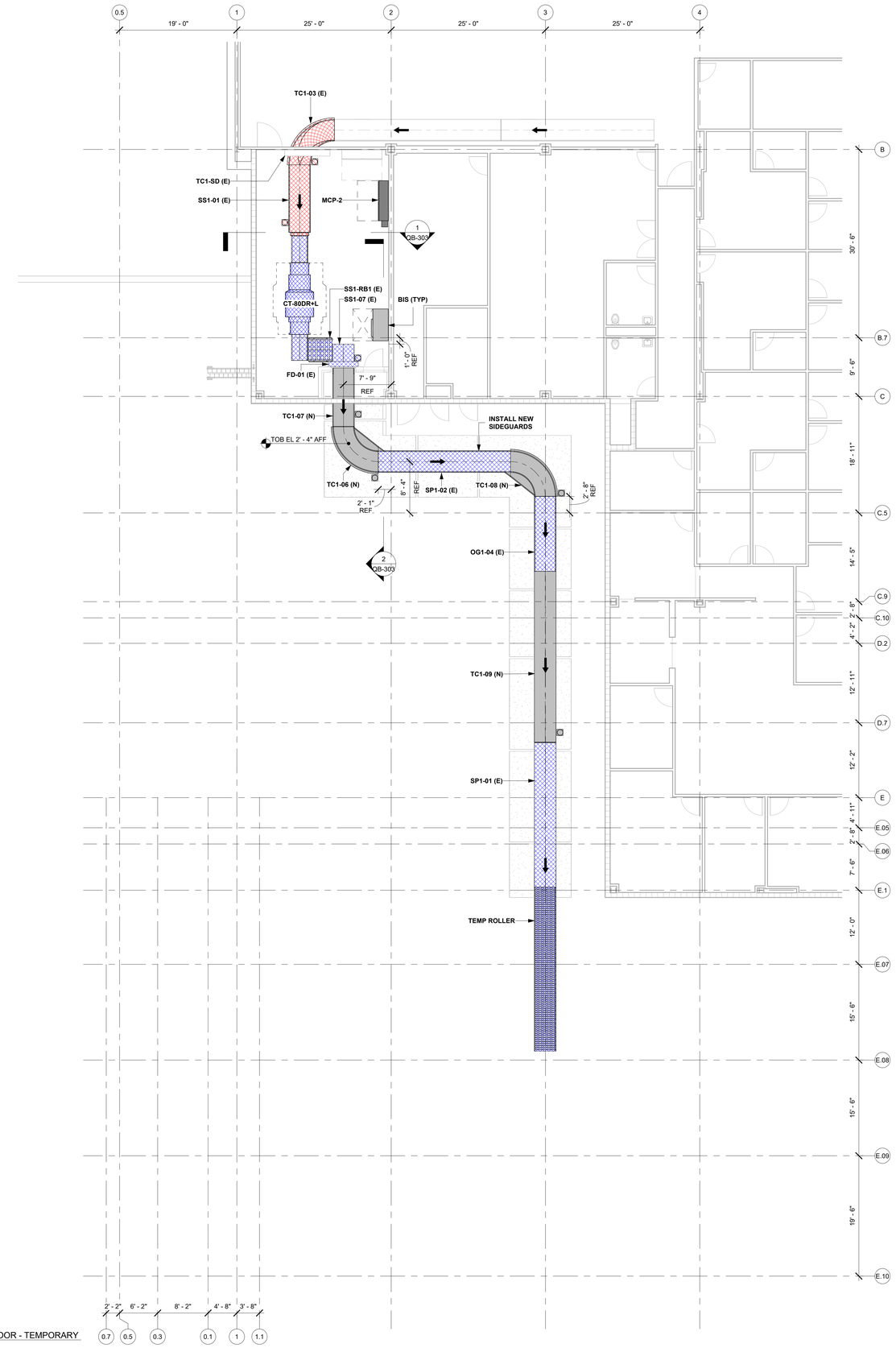
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PLAN VIEW - FIRST FLOOR - DEMO

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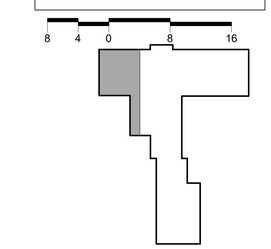
1 PLAN VIEW - FIRST FLOOR - TEMPORARY
1/8" = 1'-0"

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BHS LEGEND - TEMPORARY

- PROPOSED - TEMPORARY USED IN FINAL CONFIGURATION
- EXISTING CONVEYORS USED IN TEMPORARY
- EXISTING CONVEYORS TO DEMO AFTER TEMPORARY
- EXISTING TO REMAIN



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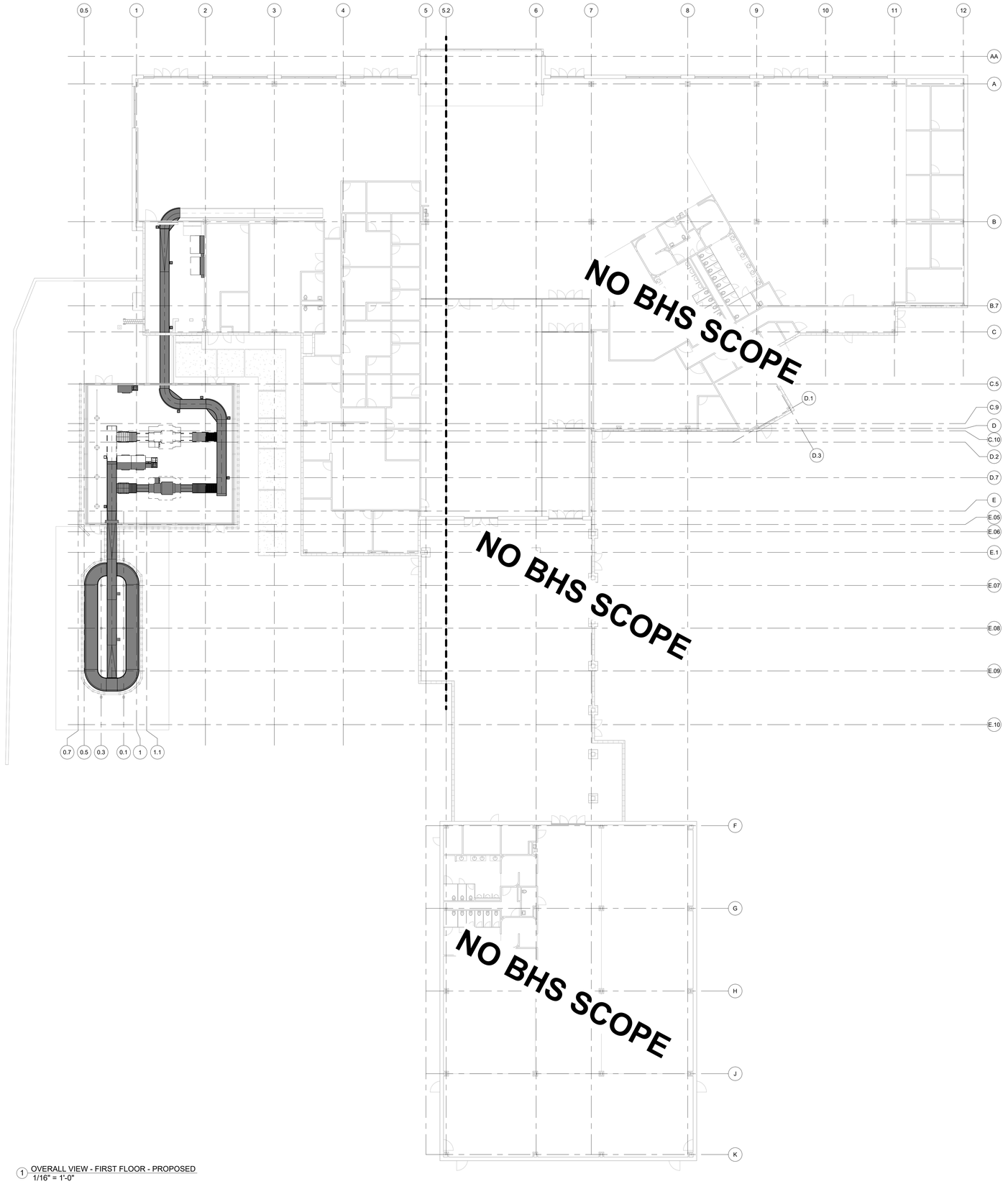
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PLAN VIEW - FIRST FLOOR - TEMPORARY

SHEET NO.:
QB-130

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1 OVERALL VIEW - FIRST FLOOR - PROPOSED
1/16" = 1'-0"

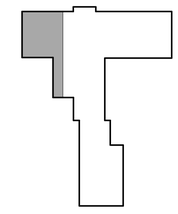
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BHS LEGEND - PROPOSED

- PROPOSED
- EXISTING TO REMAIN
- FUTURE

16 8 0 16 32



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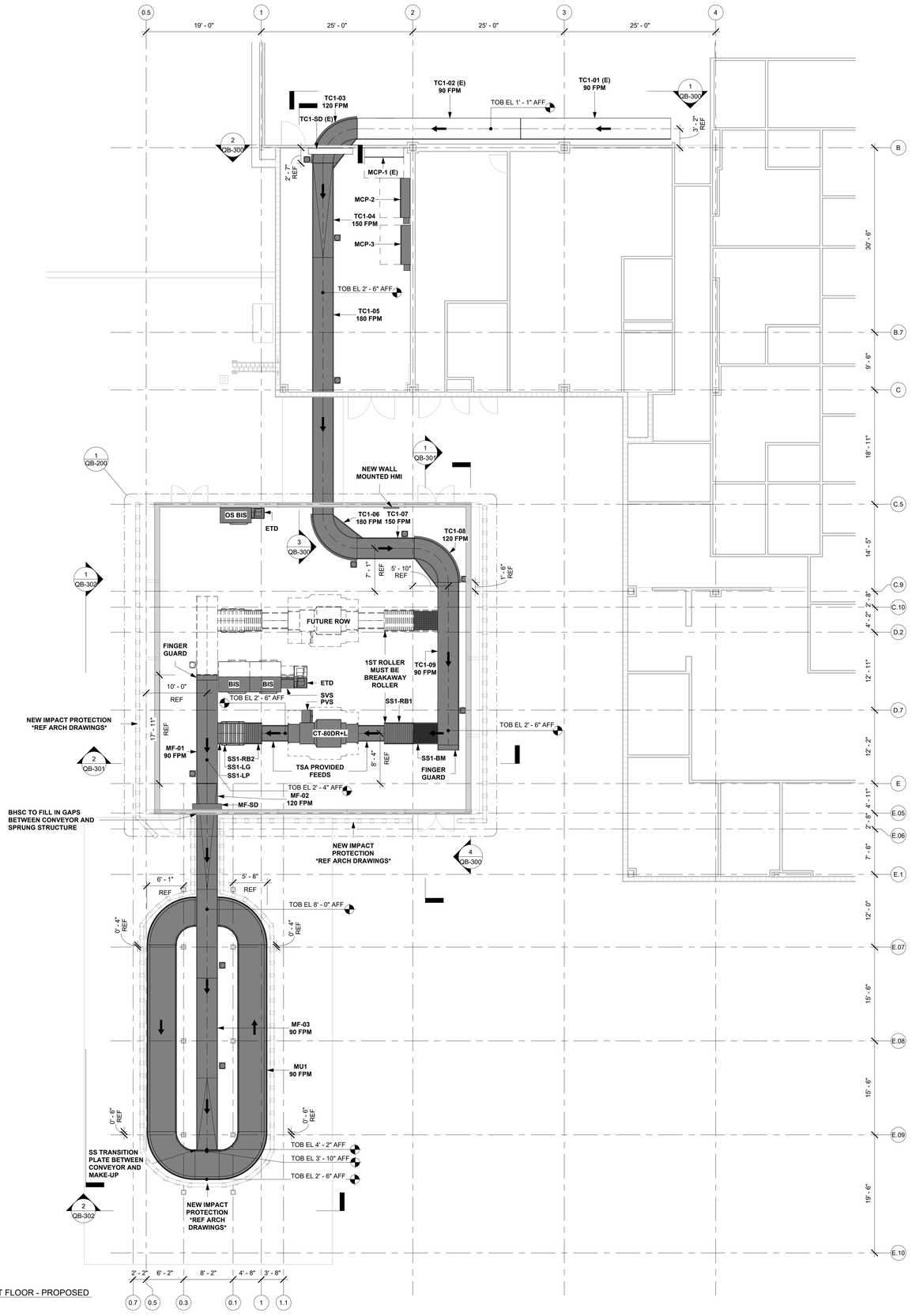
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SHEET CONTENTS
OVERALL VIEW - FIRST FLOOR - PROPOSED

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QB-150

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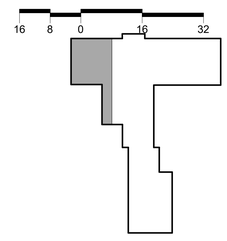
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BHS LEGEND - PROPOSED

- PROPOSED
- EXISTING TO REMAIN
- FUTURE



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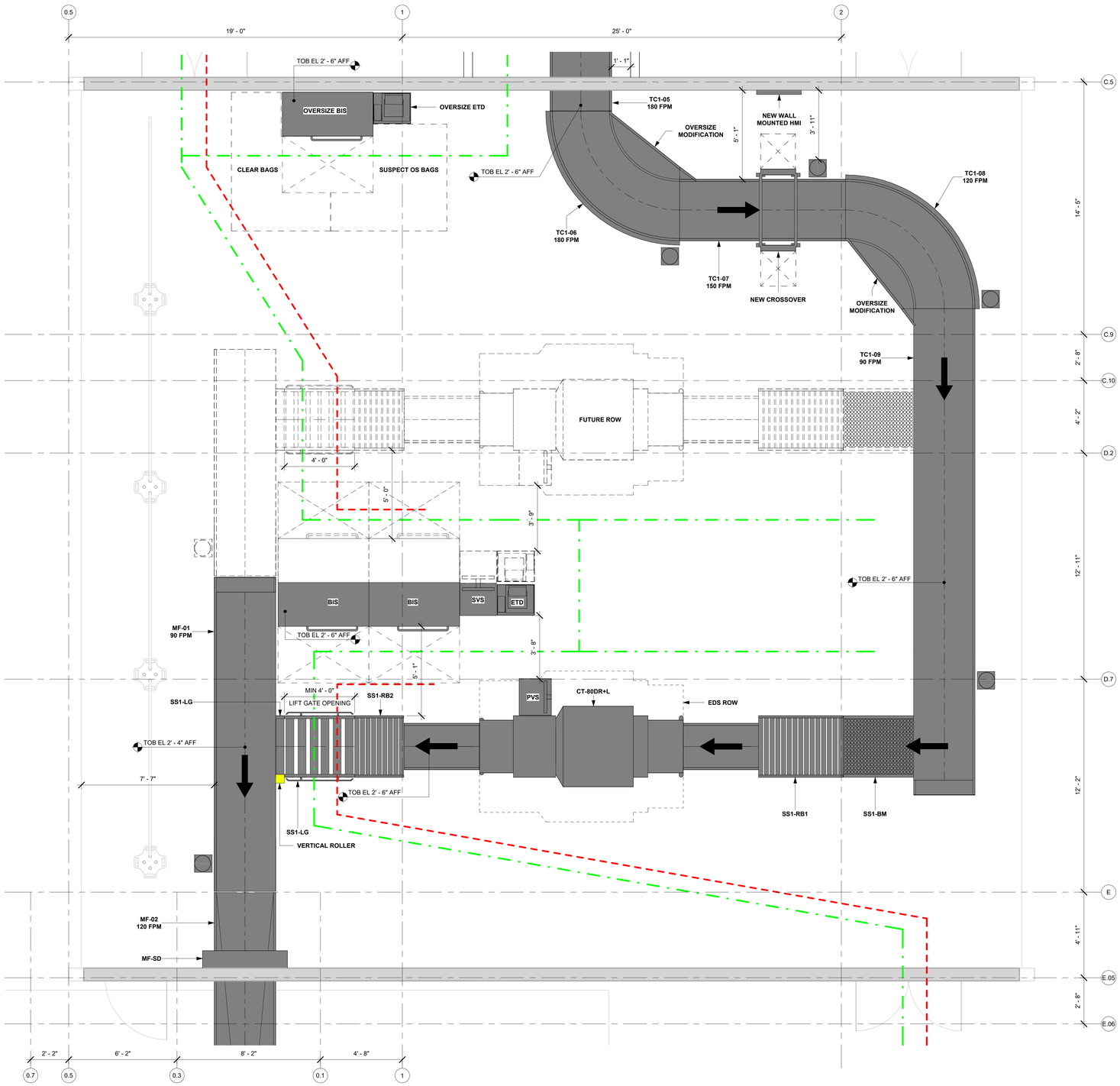
SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED

SHEET NO.:
QB-151

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NOTES:

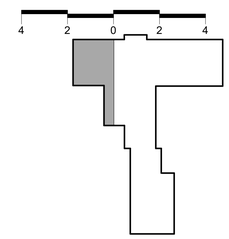
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1 PLAN VIEW - FIRST FLOOR - PROPOSED - CBRA
3/8" = 1'-0"

BHS LEGEND - TSA EGRESS

- EOD ROBOT PATH
- EGRESS/INGRESS PATH



KEY PLAN

Mead & Hunt

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phone: 503-548-1494
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
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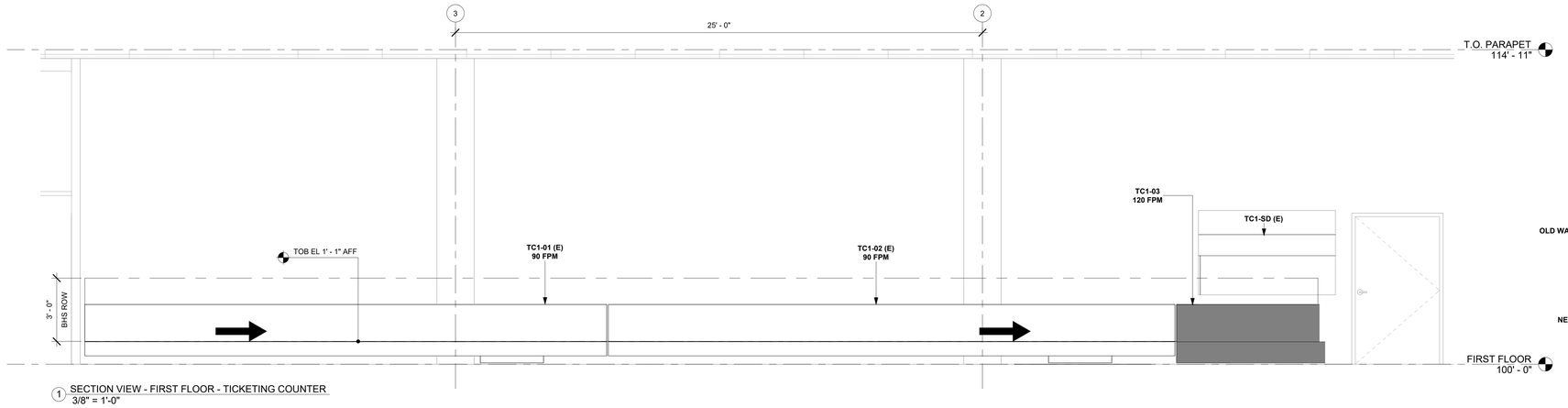
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SHEET CONTENTS
ENLARGED VIEW - FIRST FLOOR - PROPOSED - CBRA

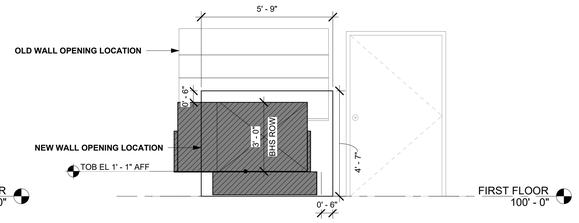
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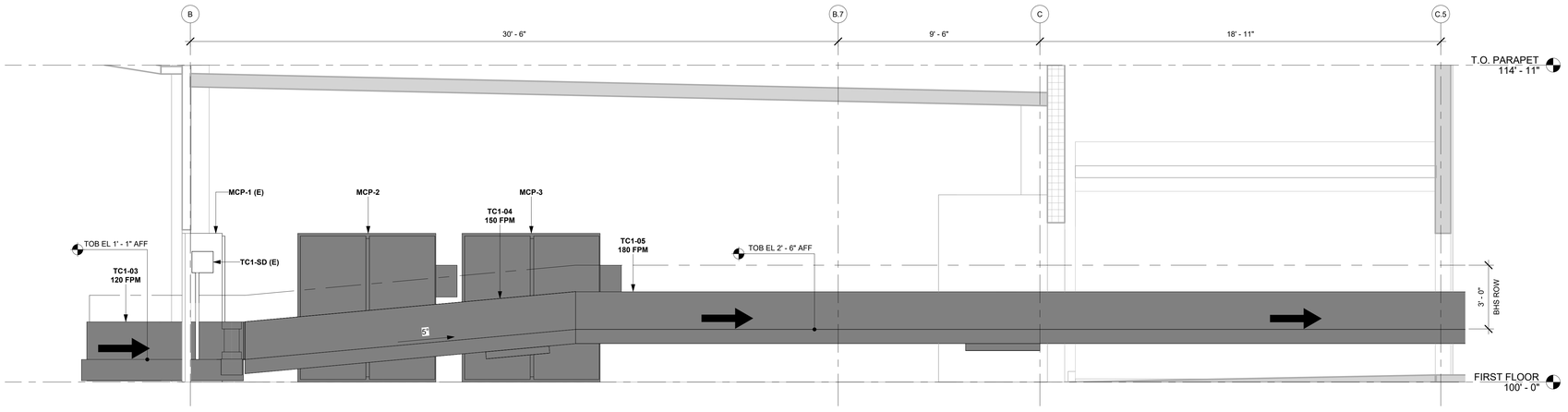
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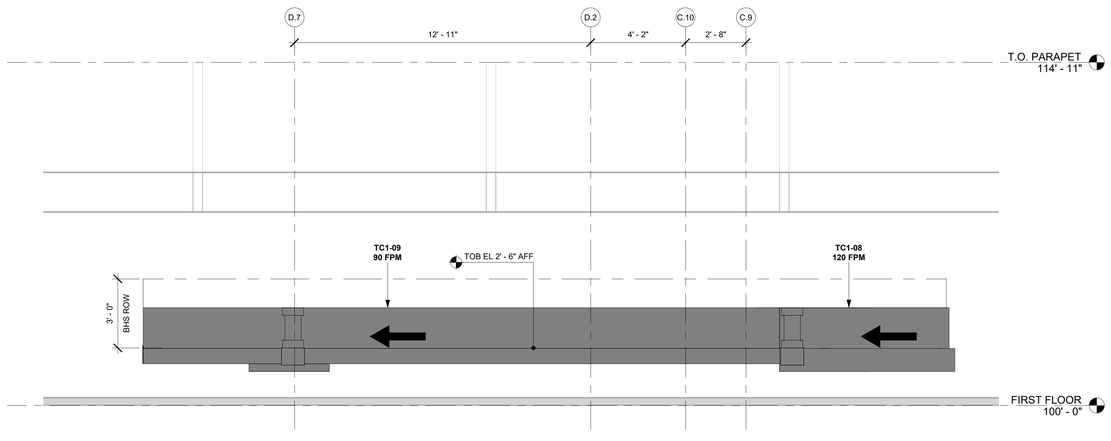
1 SECTION VIEW - FIRST FLOOR - TICKETING COUNTER
3/8" = 1'-0"



2 SECTION VIEW - FIRST FLOOR - PROPOSED - TICKET COUNTER OPENING
3/8" = 1'-0"



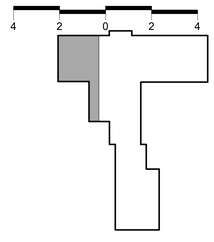
3 SECTION VIEW - FIRST FLOOR - TICKETING FEED
3/8" = 1'-0"



4 SECTION VIEW - FIRST FLOOR - SECURITY LINE
3/8" = 1'-0"

BHS LEGEND - PROPOSED

	PROPOSED
	EXISTING TO REMAIN
	FUTURE



KEY PLAN

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
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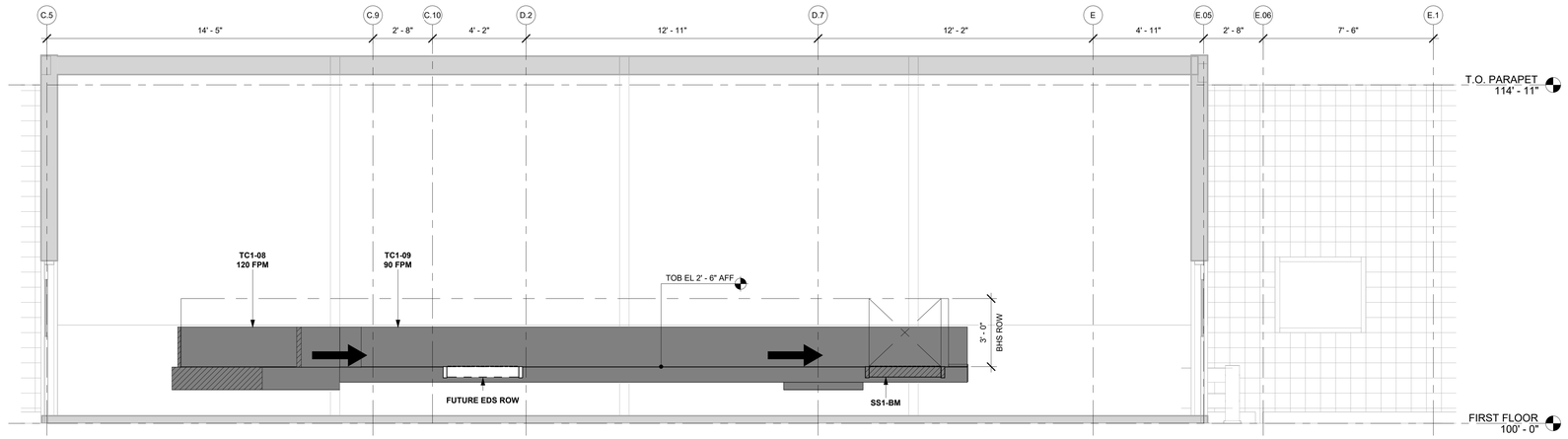
SHEET CONTENTS
SECTION VIEWS - FIRST FLOOR - PROPOSED - TICKETING

SHEET NO.:
QB-300

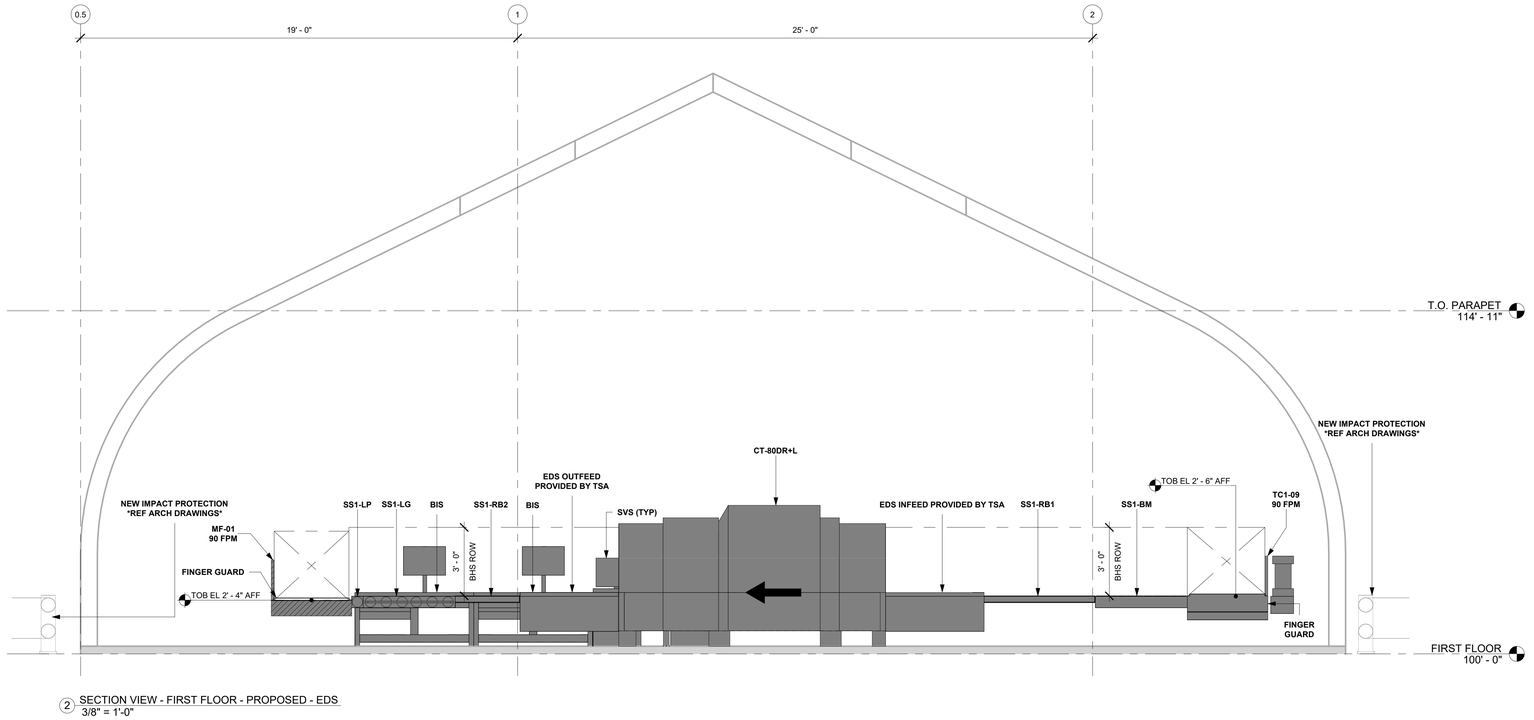
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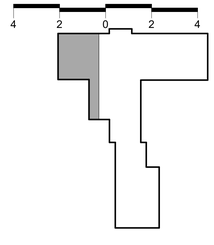
1 SECTION VIEW - FIRST FLOOR - TICKET COUNTER EDS FEED
3/8" = 1'-0"



2 SECTION VIEW - FIRST FLOOR - PROPOSED - EDS
3/8" = 1'-0"

BHS LEGEND - PROPOSED

- PROPOSED
- EXISTING TO REMAIN
- FUTURE



KEY PLAN

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED
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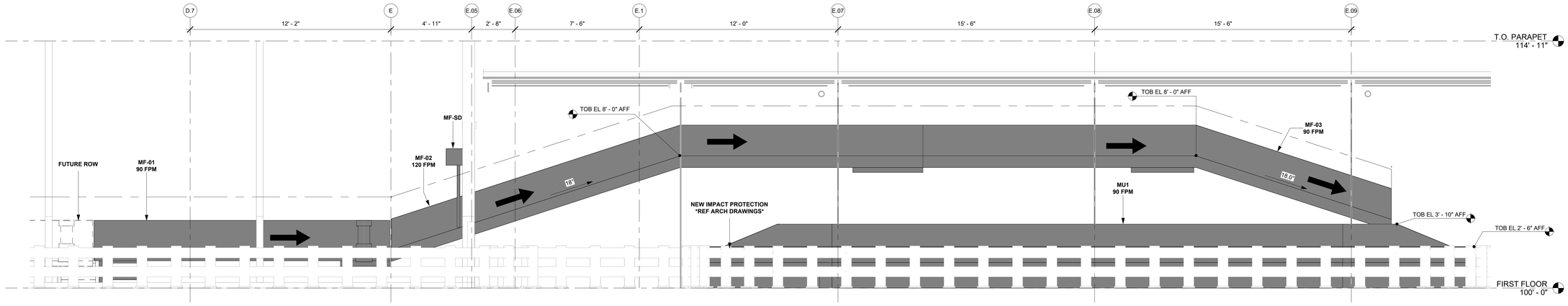
SHEET CONTENTS
SECTION VIEWS - FIRST FLOOR - PROPOSED - CBRA

SHEET NO.:

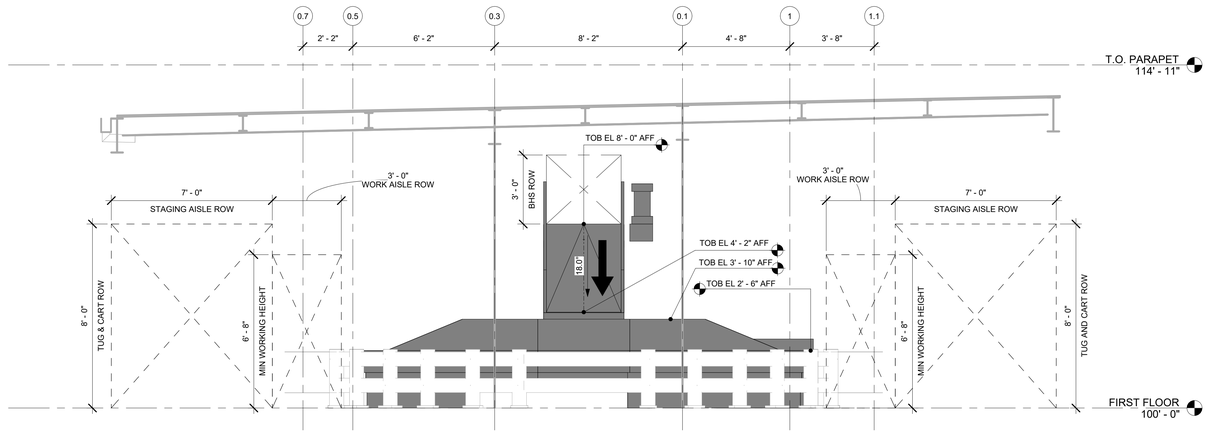
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1 SECTION VIEW - FIRST FLOOR - PROPOSED - MAKE-UP FEED
3/8" = 1'-0"



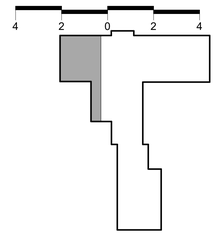
2 SECTION VIEW - FIRST FLOOR - PROPOSED - MAKE-UP CROSS SECTION
3/8" = 1'-0"

BHS LEGEND - PROPOSED

PROPOSED

EXISTING TO REMAIN

FUTURE



KEY PLAN

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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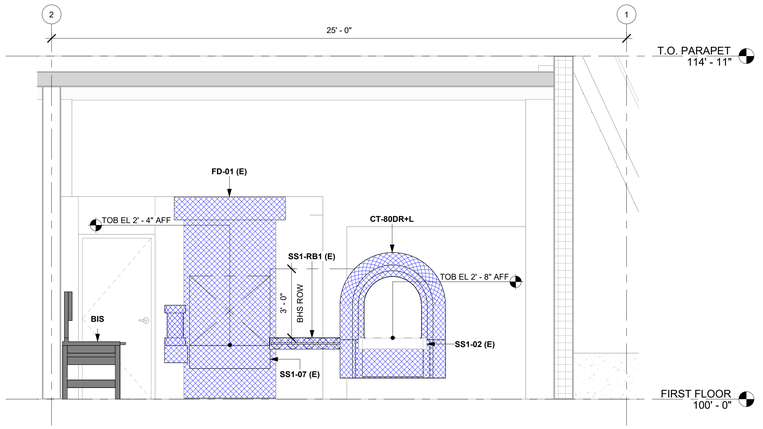
SHEET CONTENTS
SECTION VIEWS - FIRST FLOOR - PROPOSED - MAKE-UP

SHEET NO.:
QB-302

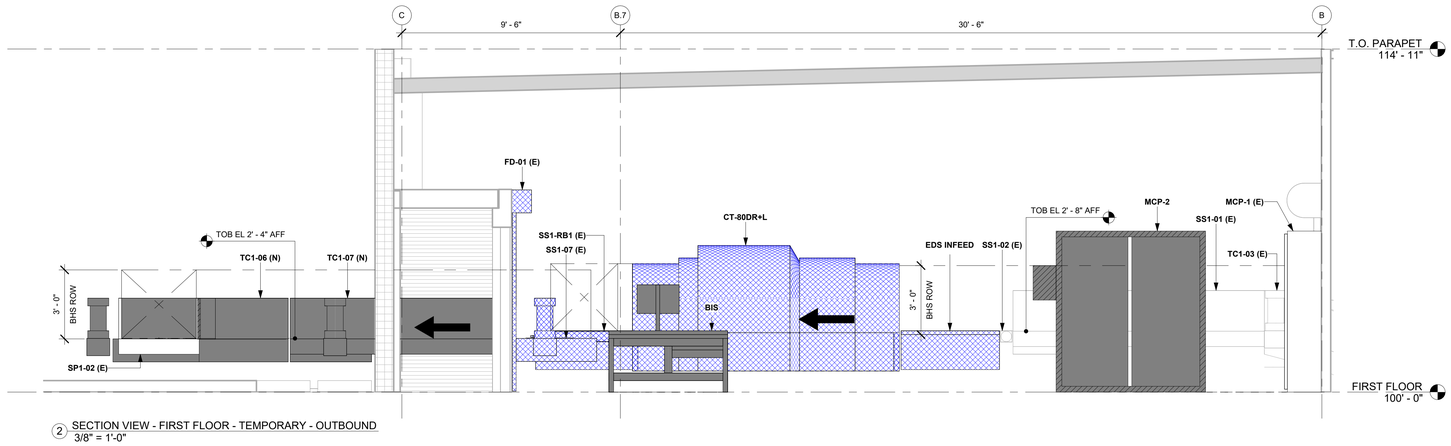
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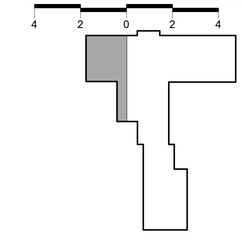
1 SECTION VIEW - FIRST FLOOR - TEMPORARY - EDS
3/8" = 1'-0"



2 SECTION VIEW - FIRST FLOOR - TEMPORARY - OUTBOUND
3/8" = 1'-0"

BHS LEGEND - TEMPORARY

- PROPOSED - TEMPORARY USED IN FINAL CONFIGURATION
- EXISTING CONVEYORS USED IN TEMPORARY
- EXISTING CONVEYORS TO DEMO AFTER TEMPORARY
- EXISTING TO REMAIN



KEY PLAN

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

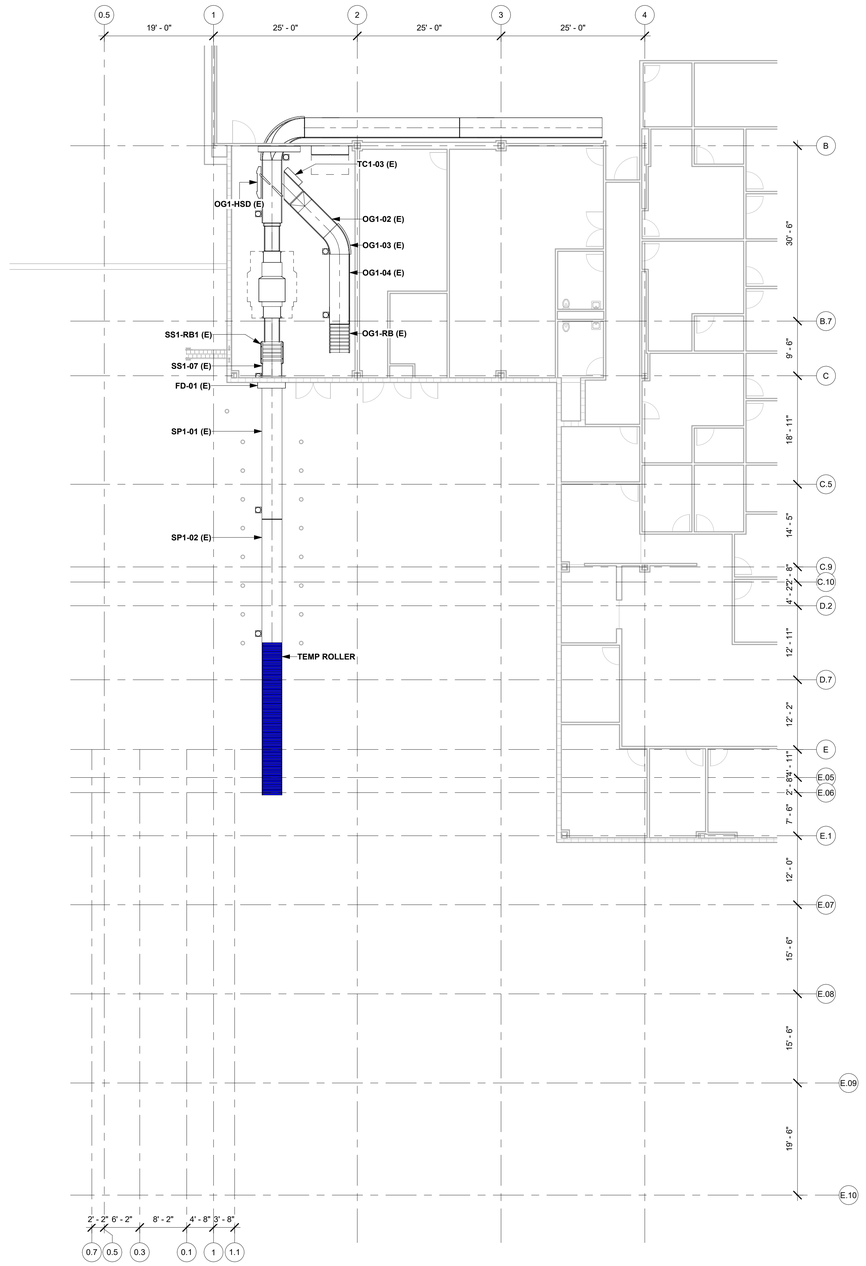
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SHEET CONTENTS
SECTION VIEWS - FIRST FLOOR - TEMPORARY

SHEET NO.:
QB-303

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1 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 0
3/32" = 1'-0"

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PHASING NOTES:

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- THE PROVIDED PHASING PLAN IS FOR REFERENCE ONLY. THE BHS CONTRACTOR SHALL PROVIDE A PHASING PLAN WITH PROJECT SCHEDULE FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION.
- UPON COMPLETION OF PROJECT, ALL REMAINING STAGING AND LAYDOWN AREAS SHALL BE REMOVED AND RESTORED TO THE PERMANENT FUNCTION. TEMPORARY PROVISION AND FACILITIES WILL BE REMOVED.

OVERVIEW:

- **PHASE 0 INSTALL:** BHS CONTRACTOR TO INSTALL TEMP ROLLER AT THE END OF THE EXISTING RUN OUT LINE (SP1).

- **PHASE 1 DEMO:** BHS CONTRACTOR TO DEMO THE EXISTING OOG LINE. (OG1-HSD,OG1-01 THRU OG1-04, AND OG1-RB).
- **PHASE 1 RELOCATION**: BHS CONTRACTOR TO RELOCATE THE OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01) AND THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER). RUNOUT LINE, LIFTGATE, AND FIRE DOOR TO BE RELOCATED/INTEGRATED OVERNIGHT.BHSC TO COORDINATE WITH AIRPORT OPERATIONS.
- **PHASE 1 INSTALL**: BHS CONTRACTOR TO INSTALL THE EXISTING OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01),THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER) AND COMBINE THE WITH NEW CONVEYORS (TC1-06 THRU TC1-09) TO CREATE THE TEMPORARY CONDITION. RUNOUT LINE, LIFTGATE, AND FIRE DOOR TO BE RELOCATED/INTEGRATED OVERNIGHT. BHSC TO COORDINATE WITH AIRPORT OPERATIONS.

- **PHASE 2 DEMO:** BHS CONTRACTOR TO DEMO THE OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01) AND THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER) IN THE TEMPORARY CONFIGURATION.
- **PHASE 2 RELOCATION:** BHS CONTRACTOR TO RELOCATE THE NEW CONVEYORS (TC1-06 THRU TC1-09) FROM THE TEMPORARY CONDITION TO THE FINAL CONFIGURATION. NEW CONVEYORS FROM THE TEMPORARY CONDITION (TC1-06 THRU TC1-09) TO BE RELOCATED/INTEGRATED OVERNIGHT. BHSC TO COORDINATE WITH AIRPORT OPERATIONS.
- **PHASE 2 INSTALL**: BHS CONTRACTOR TO INSTALL THE NEW
- CONVEYORS (TC1-06 THRU TC1-09) AND COMBINE THEM WITH NEW CONVEYORS (TC1-03 THRU TC1-05) TO CREATE THE FINAL TICKET COUNTER LINE. BHS CONTRACTOR TO INSTALL SECURITY SHUNT LINE 1 (SS1- RB1 & RB2, SS1-BM,SS1-LG), MAKE UP FEED LINE (MF-01 THRU MF-03), AND THE NEW MAKE UP (MU1). NEW CONVEYORS FROM THE TEMPORARY CONDITION (TC1-06 THRU TC1-09) TO BE RELOCATED/INTEGRATED OVERNIGHT. BHSC TO COORDINATE WITH AIRPORT OPERATIONS.

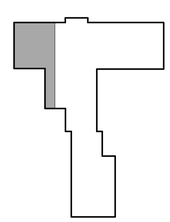
PHASE 0:

- **PHASE 0 DEMO:** NONE
- **PHASE 0 RELOCATION:** NONE
- **PHASE 0 INSTALL:** BHS CONTRACTOR TO INSTALL TEMP ROLLER AT THE END OF THE EXISITNG RUN OUT LINE (SP1).

BHS LEGEND - PHASING

- PHASE 0 - INSTALL
- PHASE 1 - INSTALL
- PHASE 1 - DEMO
- PHASE 1 - RELOCATE
- PHASE 2 - INSTALL
- PHASE 2 - DEMO
- PHASE 2 - RELOCATE
- EXISTING

8 4 0 8 16



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975 AIRPORT DRIVE, SUITE 1
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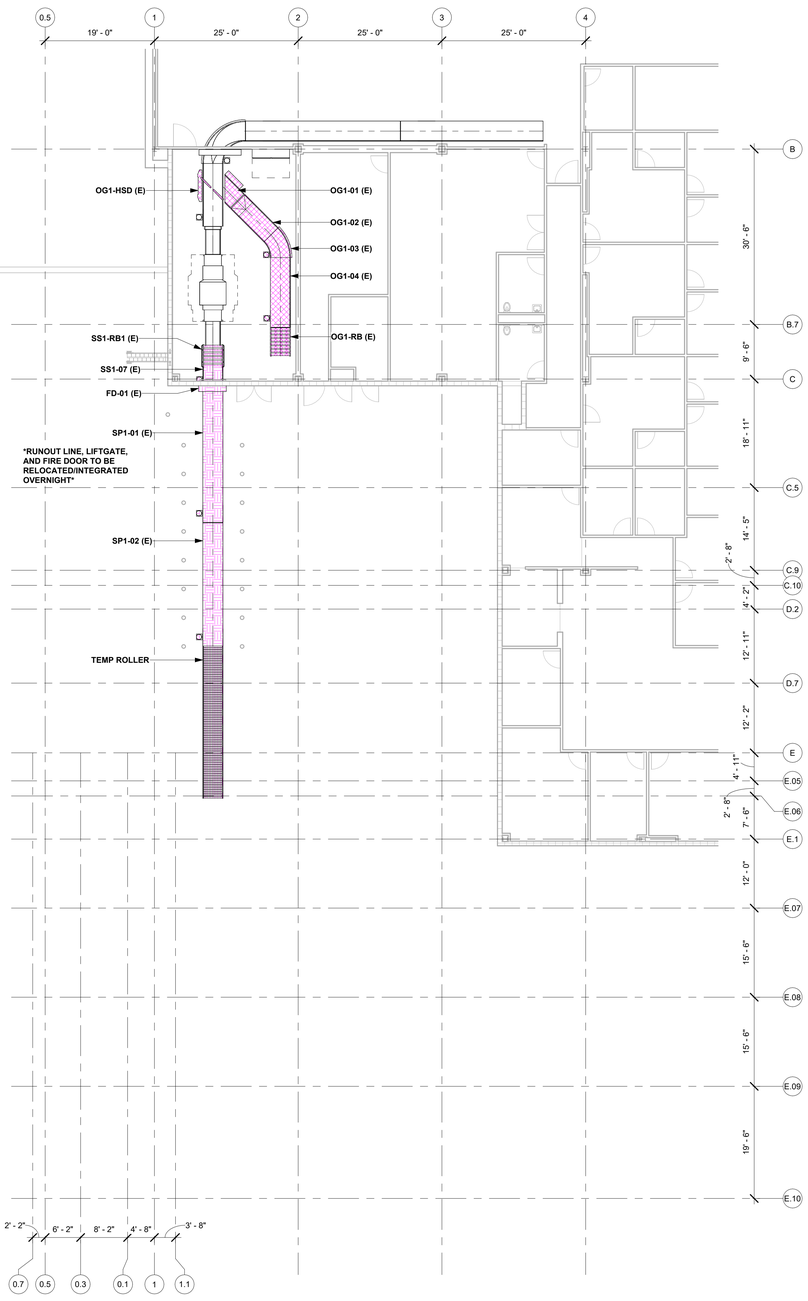
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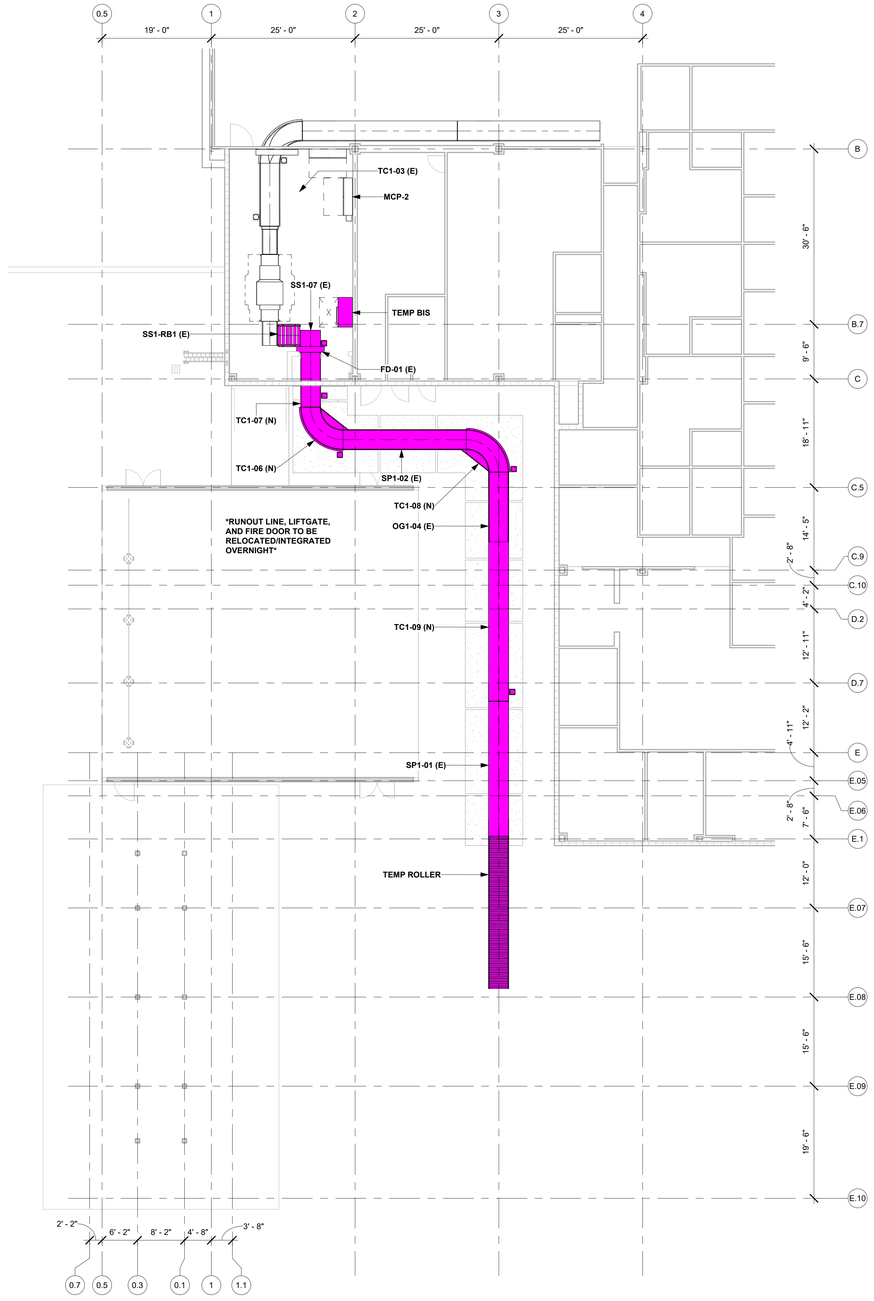
SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 0

SHEET NO.:
QB-450

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1 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 1 - DEMO/RELOCATE
3/32" = 1'-0"



2 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 1 - INSTALL
3/32" = 1'-0"

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- UPON COMPLETION OF PROJECT, ALL REMAINING STAGING AND LAYDOWN AREAS SHALL BE REMOVED AND RESTORED TO THE PERMANENT FUNCTION. TEMPORARY PROVISION AND FACILITIES WILL BE REMOVED.

OVERVIEW:

- **PHASE 0 INSTALL:** BHS CONTRACTOR TO INSTALL TEMP ROLLER AT THE END OF THE EXISTING RUN OUT LINE (SP1).

- **PHASE 1 DEMO:** BHS CONTRACTOR TO DEMO THE EXISTING OOG LINE. (OG1-HSD,OG1-01 THRU OG1-04, AND OG1-RB).
- **PHASE 1 RELOCATION**: BHS CONTRACTOR TO RELOCATE THE OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01) AND THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER). RUNOUT LINE, LIFTGATE, AND FIRE DOOR TO BE RELOCATED/INTEGRATED OVERNIGHT.BHSC TO COORDINATE WITH AIRPORT OPERATIONS.
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- **PHASE 2 DEMO:**
- **PHASE 2 RELOCATION:**
- **PHASE 1B INSTALL**: BHS CONTRACTOR TO INSTALL THE EXISTING CONVEYORS THAT WERE RELOCATED IN PHASE 1A SS1-07 (E), SP1-02 (E), OG1-04(E), SP1-01(E), FD-01(E). BHS CONTRACTOR TO INSTALL NEW CONVEYORS THAT WILL BE RELOCATED FOR THE FINAL PHASE TC1-06(N), TC1-05(N), TC1-07(N), TC1-08(N). BHS CONTRACTOR TO INSTALL THE FOLLOWING FOR THE TEMPORARY PHASE: TEMP ROLLER BED AT THE END OF SP1-01(E), INSTALL MCP-02 AND ONE TEMPORARY BIS TABLE.
- AT THE END OF PHASE 1B THE SYSTEM IS SETUP IN THE TEMPORARY CONDITION AS SEEN ON QB-130.

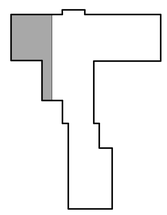
PHASE 1:

- **PHASE 1 DEMO:** BHS CONTRACTOR TO DEMO THE EXISTING OOG LINE. (OG1-HSD,OG1-01 THRU OG1-04, AND OG1-RB).
- **PHASE 1 RELOCATION**: BHS CONTRACTOR TO RELOCATE THE OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01) AND THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER). RUNOUT LINE, LIFTGATE, AND FIRE DOOR TO BE RELOCATED/INTEGRATED OVERNIGHT.BHSC TO COORDINATE WITH AIRPORT OPERATIONS.
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BHS LEGEND - PHASING

- PHASE 0 - INSTALL
- PHASE 1 - INSTALL
- PHASE 1 - DEMO
- PHASE 1 - RELOCATE
- PHASE 2 - INSTALL
- PHASE 2 - DEMO
- PHASE 2 - RELOCATE
- EXISTING

8 4 0 8 16



KEY PLAN

Mead & Hunt

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Suite 100
Portland, OR 97220
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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

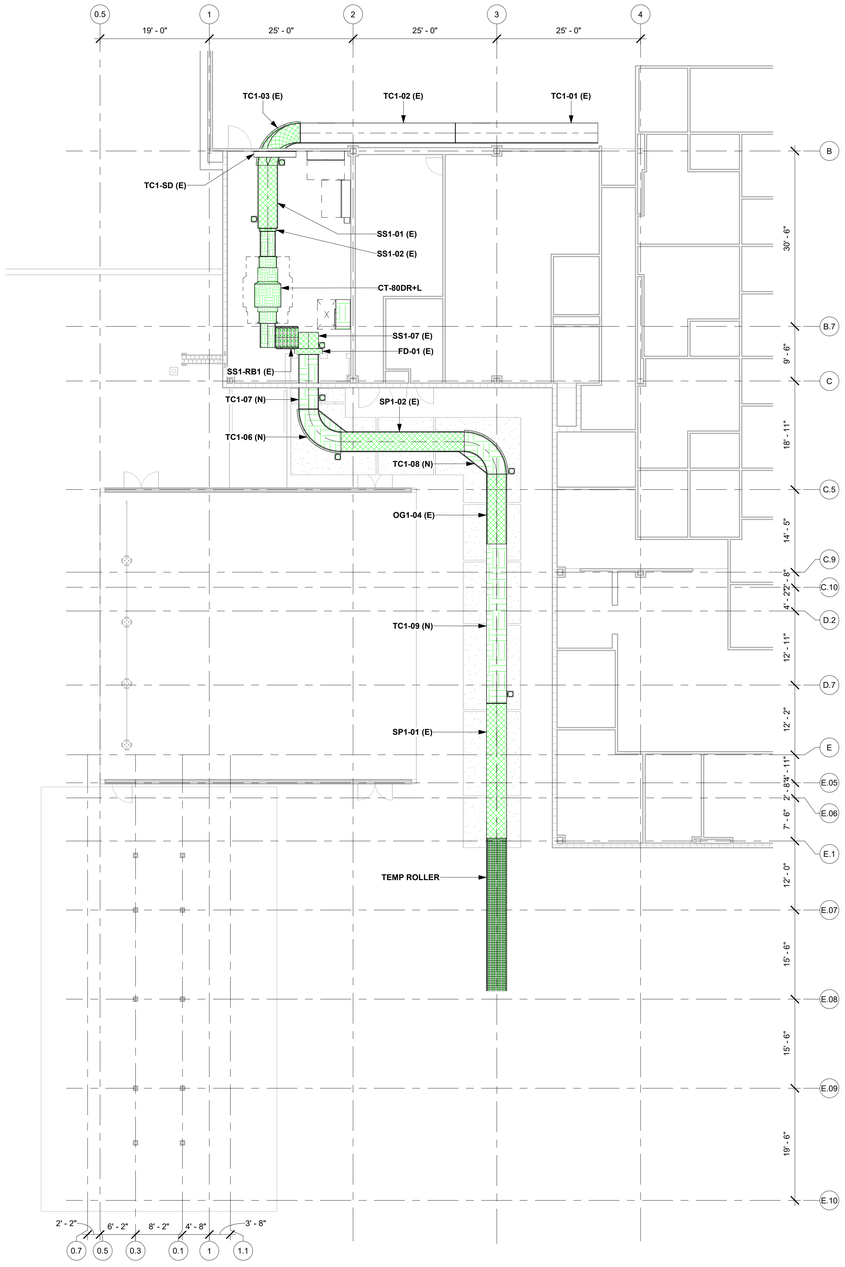
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M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: LP
DRAWN BY: LP
CHECKED BY: KT
DO NOT SCALE DRAWINGS

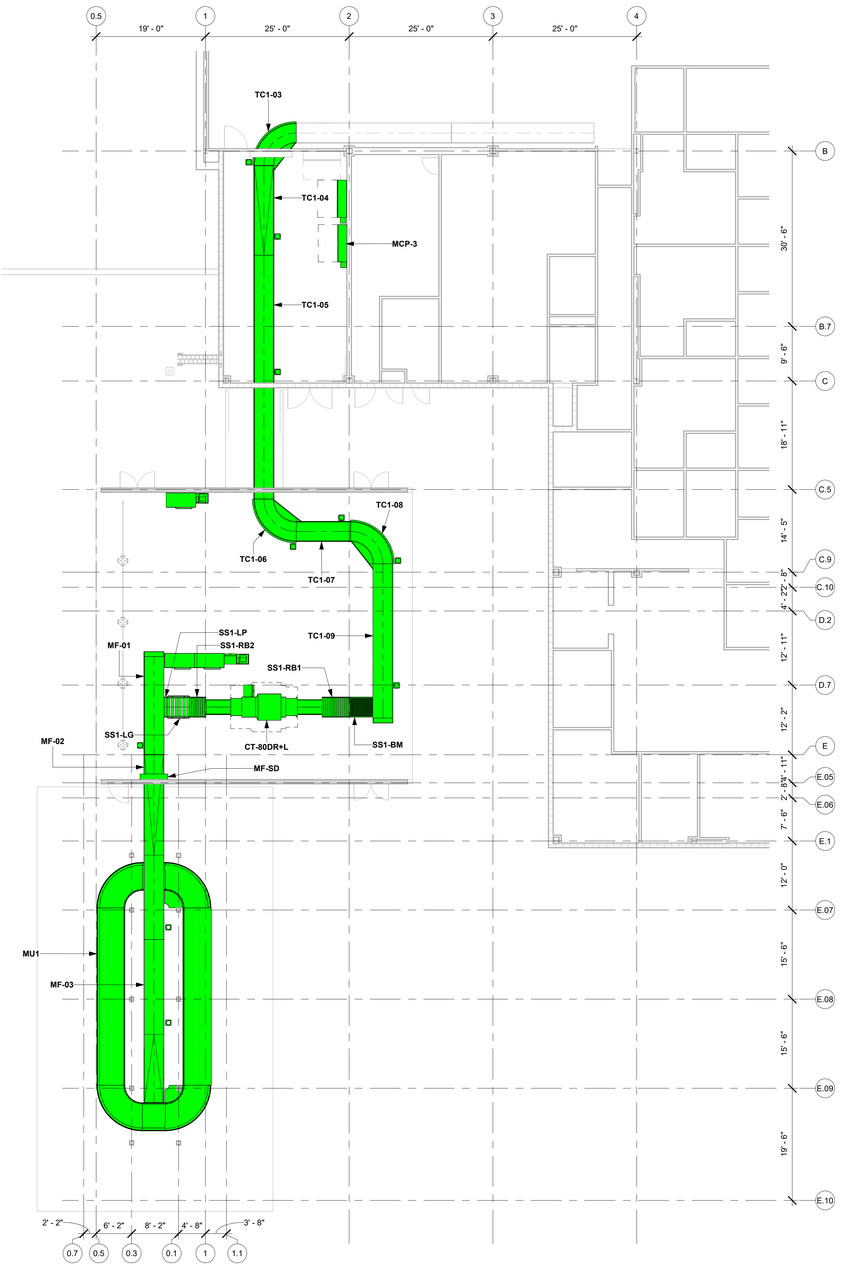
SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 1

SHEET NO.:
QB-451

1/23/2026 5:24:55 PM Autodesk Docs://SBP - 2024/SBP - BHS - 2024.rvt



1 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 2 - DEMO
3/32" = 1'-0"



2 PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 2 - INSTALL
3/32" = 1'-0"

NOTES:

- ELEVATIONS ARE REFERENCED ABOVE FINISHED FLOOR ELEVATION.
- BHS CONTRACTOR TO FIELD VERIFY ELEVATIONS, EXISTING CONDITIONS OF FLOOR FLATNESS AND FLOOR LEVELNESS PRIOR TO SHOP DRAWING DEVELOPMENT.
- SPEEDS ARE FOR REFERENCE ONLY.
- BHS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE INTEGRATION REQUIREMENTS OF SYSTEMS IN THE PROPOSED DESIGNS. THIS INCLUDES, BUT NOT LIMITED TO ALL EXISTING SYSTEMS. FOR EXAMPLE, EDS MACHINES, ACCESS CONTROL DEVICES, FIRE MANAGEMENT SYSTEMS, ETC. VERIFICATION SHALL BE COMPLETED PRIOR TO SHOP DRAWINGS.
- BHS CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS OF PROPOSED WORK PRIOR TO CONSTRUCTION.

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OVERVIEW:

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- **PHASE 2 DEMO:** BHS CONTRACTOR TO DEMO THE OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01) AND THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER) IN THE TEMPORARY CONFIGURATION .
- **PHASE 2 RELOCATION:** BHS CONTRACTOR TO RELOCATE THE NEW CONVEYORS (TC1-06 THRU TC1-09) FROM THE TEMPORARY CONDITION TO THE FINAL CONFIGURATION. NEW CONVEYORS FROM THE TEMPORARY CONDITION (TC1-06 THRU TC1-09) TO BE RELOCATED/INTEGRATED OVERNIGHT. BHSC TO COORDINATE WITH AIRPORT OPERATIONS.
- **PHASE 2 INSTALL**: BHS CONTRACTOR TO INSTALL THE NEW CONVEYORS (TC1-06 THRU TC1-09) AND COMBINE THEM WITH NEW CONVEYORS (TC1-03 THRU TC1-05) TO CREATE THE FINAL TICKET COUNTER LINE. BHS CONTRACTOR TO INSTALL SECURITY SHUNT LINE 1 (SS1- RB1 & RB2, SS1-BM,SS1-LG), MAKE UP FEED LINE (MF-01 THRU MF-03), AND THE NEW MAKE UP (MU1). NEW CONVEYORS FROM THE TEMPORARY CONDITION (TC1-06 THRU TC1-09) TO BE RELOCATED/INTEGRATED OVERNIGHT. BHSC TO COORDINATE WITH AIRPORT OPERATIONS.

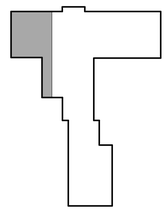
PHASE 2:

- **PHASE 2 DEMO:** BHS CONTRACTOR TO DEMO THE OUTFEED OF THE EDS (SS1-07 & SS1-RB1), THE EXISTING FIRE DOOR (FD-01) AND THE EXISTING RUN OUT LINE (SP1-01 THRU SP1-02, TEMP ROLLER) IN THE TEMPORARY CONFIGURATION .
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BHS LEGEND - PHASING

- PHASE 0 - INSTALL
- PHASE 1 - INSTALL
- PHASE 1 - DEMO
- PHASE 1 - RELOCATE
- PHASE 2 - INSTALL
- PHASE 2 - DEMO
- PHASE 2 - RELOCATE
- EXISTING

8 4 0 8 16



KEY PLAN

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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

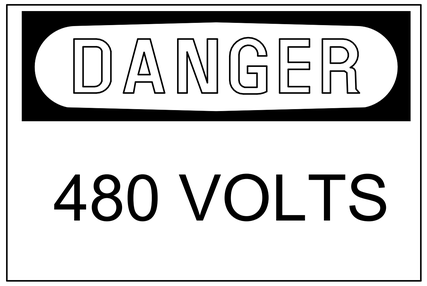
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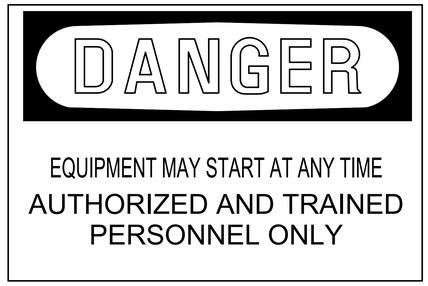
SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - PHASE 2

SHEET NO.:
QB-452

1/23/2026 5:24:56 PM Autodesk Docs://SBP - 2024/SBP - BHS_2024.rvt



1 SAFETY SIGN - DANGER 480 VOLTS
12" = 1'-0"



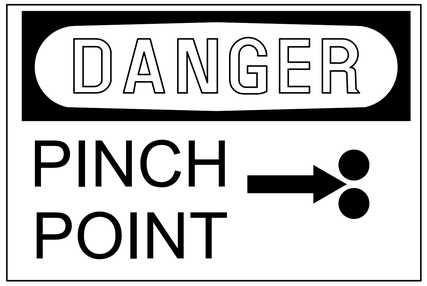
2 SAFETY SIGN - DANGER AUTHORIZED PERSONNEL ONLY
12" = 1'-0"



3 SAFETY SIGN - DANGER MOVING MACHINERY
12" = 1'-0"



4 SAFETY SIGN - DANGER MOVING EQUIPMENT
12" = 1'-0"



5 SAFETY SIGN - DANGER PINCH POINT
12" = 1'-0"



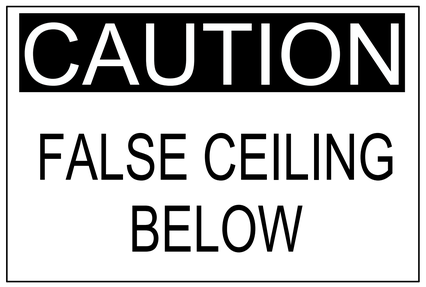
6 SAFETY SIGN - CAUTION STEP DOWN
12" = 1'-0"



7 SAFETY SIGN - CAUTION DO NOT STAND ON CONVEYOR
12" = 1'-0"



8 SAFETY SIGN - CAUTION STEP UP
12" = 1'-0"



9 SAFETY SIGN - CAUTION FALSE CEILING
12" = 1'-0"



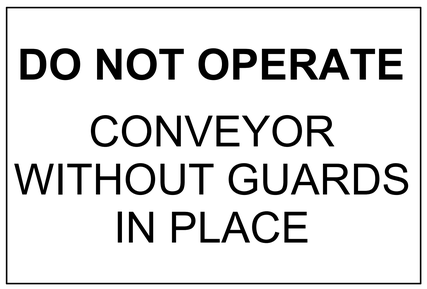
10 SAFETY SIGN - CAUTION KEEP LOOSE CLOTHING CLEAR
12" = 1'-0"



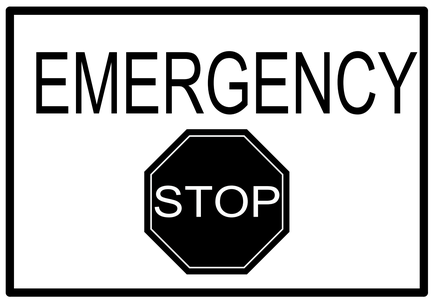
11 SAFETY SIGN - CAUTION LOW HEADROOM
12" = 1'-0"



12 SAFETY SIGN - CAUTION AUTO START
12" = 1'-0"



13 SAFETY SIGN - DO NOT OPERATE CONVEYOR W/O GUARDS
12" = 1'-0"



14 SAFETY SIGN - EMERGENCY STOP
12" = 1'-0"

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BAGGAGE SCREENING MODS.
975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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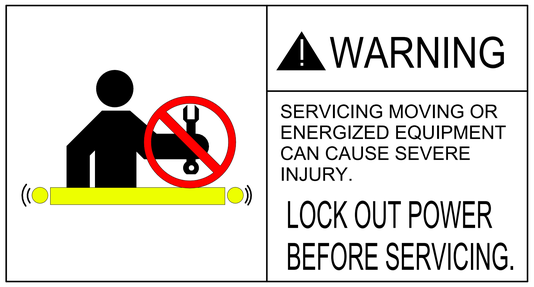
SHEET CONTENTS:
TYPICAL DETAILS - SAFETY SIGNAGE

SHEET NO.:
QB-500

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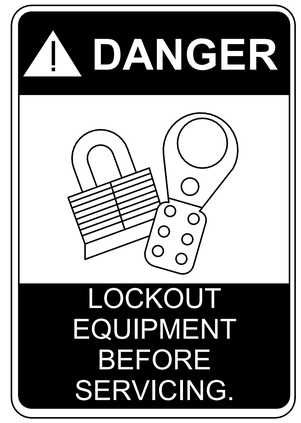
1 SAFETY SIGN - DANGER KEEP OFF
12" = 1'-0"



2 SAFETY SIGN - WARNING LOCK OUT POWER BEFORE SERVICING
12" = 1'-0"



3 SAFETY SIGN - DANGER HIGH VOLTAGE
12" = 1'-0"



4 SAFETY SIGN - DANGER LOCKOUT EQUIPMENT BEFORE SERVICING
12" = 1'-0"

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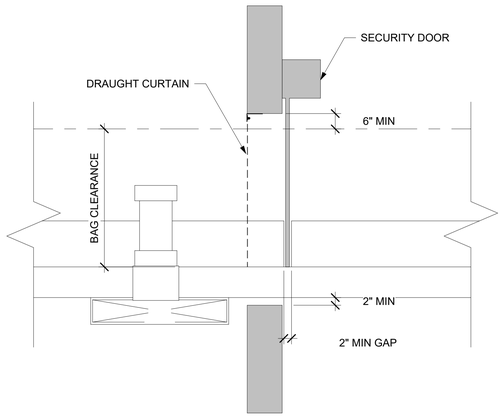
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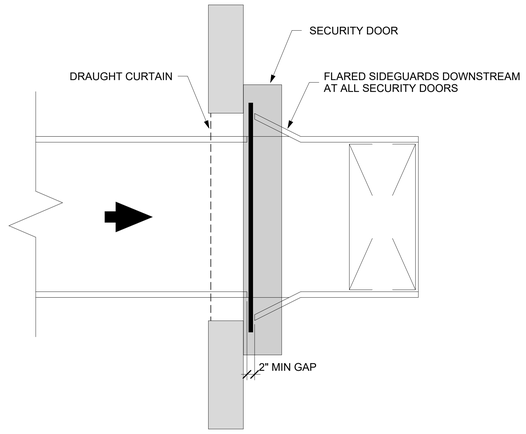
SHEET CONTENTS:
TYPICAL DETAILS - SAFETY SIGNAGE

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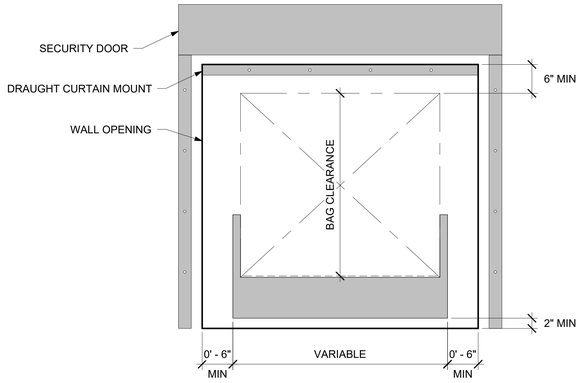
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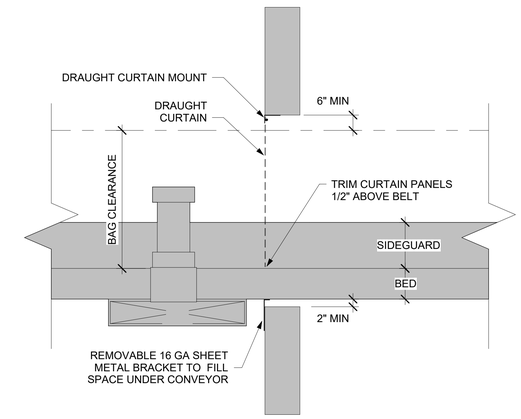
1 SECURITY DOOR - TYPICAL ELEVATION
3/8" = 1'-0"



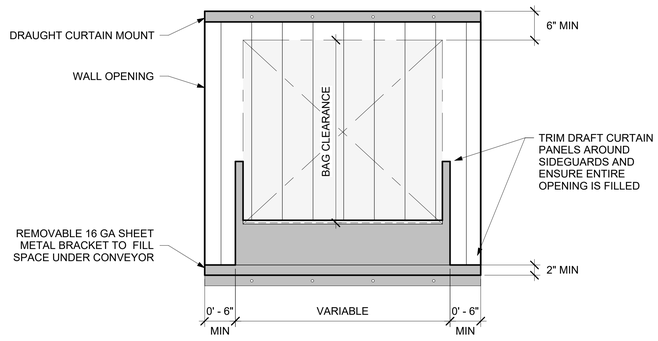
2 SECURITY DOOR - TYPICAL PLAN VIEW
3/8" = 1'-0"



3 SECURITY DOOR - TYPICAL SECTION
1" = 1'-0"



5 DRAFT CURTAIN - TYPICAL ELEVATION
3/8" = 1'-0"



4 DRAFT CURTAIN - TYPICAL SECTION
1" = 1'-0"

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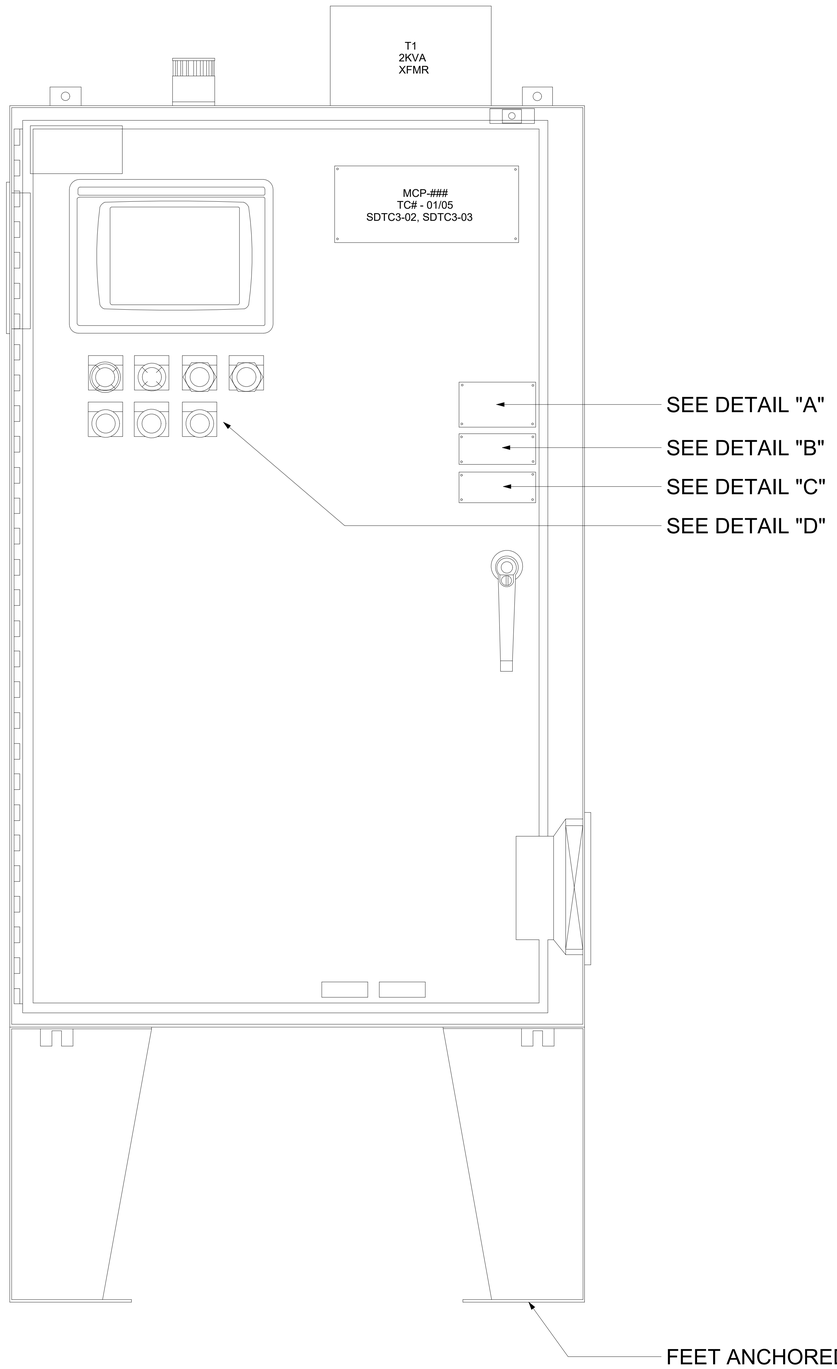
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SHEET CONTENTS:
TYPICAL DETAILS - SECURITY DOOR

SHEET NO.:
QB-502

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MANUFACTURER:	XXXX
SUPPLY VOLTAGE:	480 VAC
CONTROL VOLTAGE:	120 VAC
FULL LOAD CURRENT:	XXXX
LARGEST HP RATING:	XHP
PHASE:	3PH
FREQUENCY:	60HZ
CONTROL PANEL #:	MCP-XXX
SCCR:	XXKA
ENCLOSURE DRAWING#:	XXX-XXX-XXX
POWER SOURCE:	XXXX
ENCLOSURE RATING:	UL TYPE X

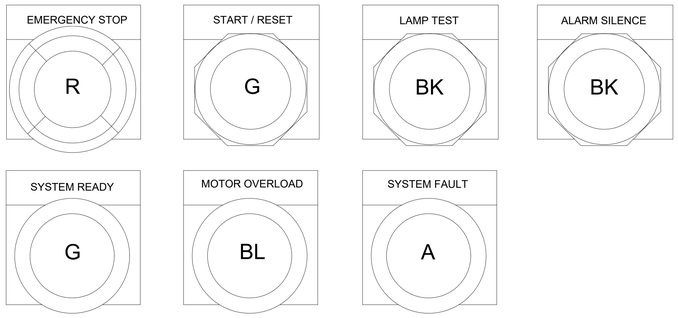
DETAIL "A"

CAUTION:
THIS CONTROL CABINET CONTAINS
YELLOW WIRES WHICH WILL REMAIN
"HOT" WHEN THE DISCONNECT IS
TURNED OFF.

DETAIL "B"

NEMA RATING:
TYPE 12

DETAIL "C"



DETAIL "D"

BHS LEGEND - CONTROLS

- ILLUMINATED MUSHROOM STYLE PUSH / PULL TOP WITH LOCKING CAPABILITY
- FLAT PUSH BUTTON
- ILLUMINATED PUSH BUTTON WITH PUSH LAMP TEST CAPABILITY
- ILLUMINATED LIGHT/LAMP
- SELECTOR SWITCH
- AUDIBLE ALARM
- KEYED SWITCH

G = GREEN	BK = BLACK
A = AMBER	BL = BLUE
R = RED	W = WHITE

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

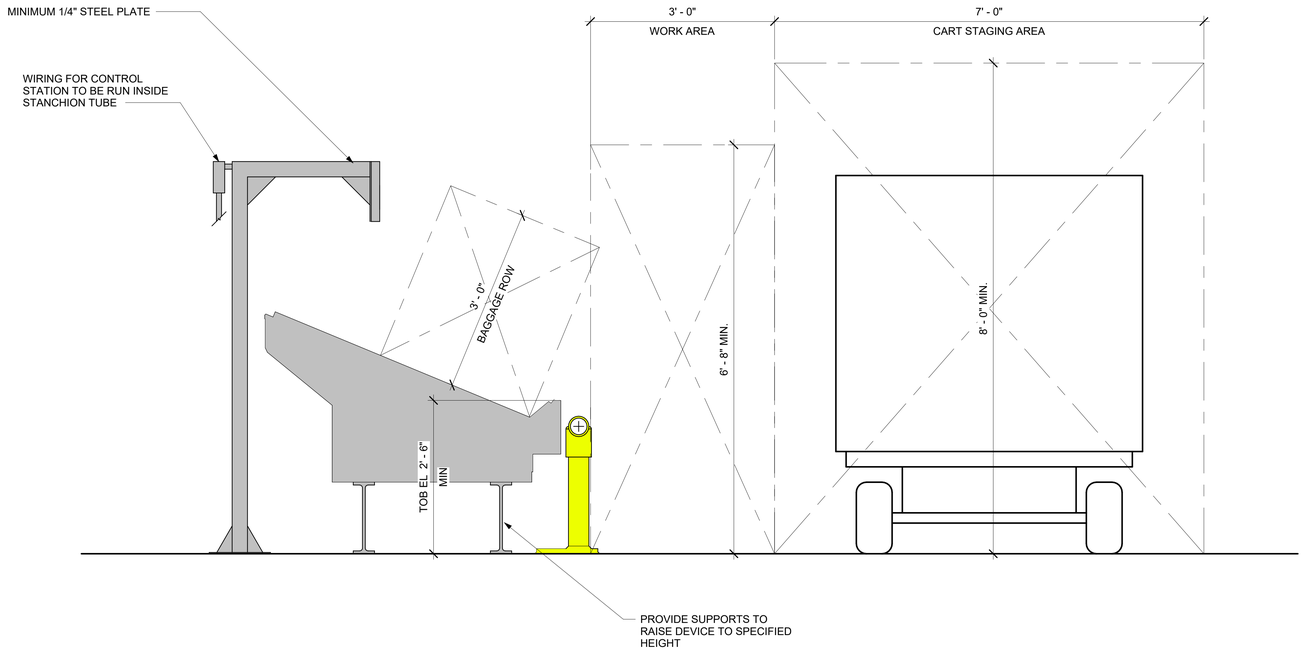
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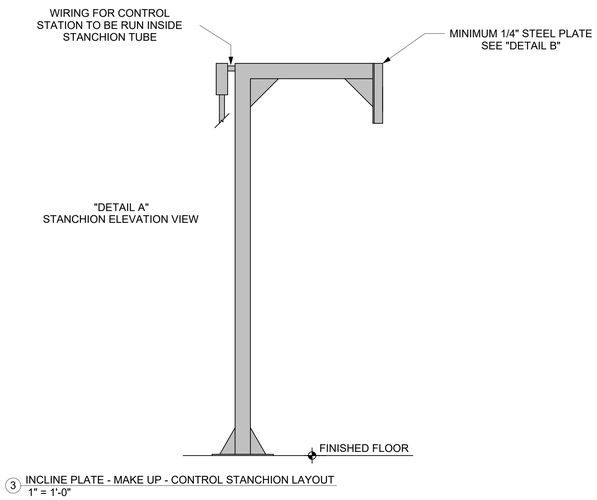
SHEET CONTENTS
TYPICAL DETAILS - MCP CABINET

SHEET NO.:
QB-503

1/23/2026 5:24:58 PM Autodesk Docs://SBP - 2024/SBP - BHS - 2024.rvt



1 INCLINE PLATE MAKE-UP - CONTROL STANCHION & IMPACT PROTECTION
1" = 1'-0"



3 INCLINE PLATE - MAKE UP - CONTROL STANCHION LAYOUT
1" = 1'-0"

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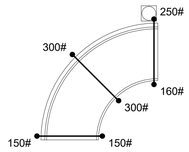
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SHEET CONTENTS
TYPICAL DETAILS - INCLINE PLATE - MAKE-UP

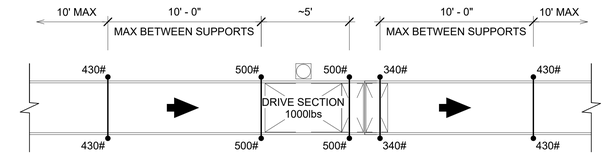
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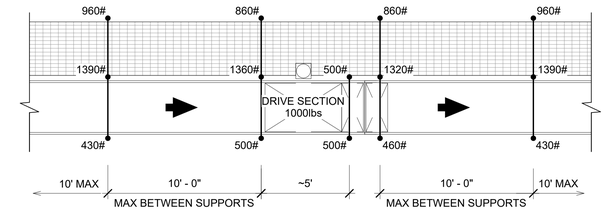


90° POWER CURVE
1310lbs

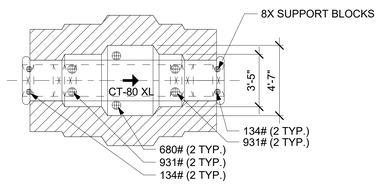
1 8-1.01_LOADS - POWER TURNS
1/4" = 1'-0"



3 8-1.03_LOADS - SINGLE CONVEYOR
1/4" = 1'-0"



4 8-1.04_LOADS - SINGLE CONVEYOR & CATWALK
1/4" = 1'-0"



15 8-1.21_Loads - CT80 XL
1/4" = 1'-0"

GENERAL NOTES

1.) THE POINT LOAD DRAWINGS REPRESENT TYPICAL CONVEYOR SEGMENTS AND ARE FOR REFERENCE ONLY. THE BHS CONTRACTOR IS RESPONSIBLE TO SUBMIT LOAD CALCULATIONS, SUPPORT AND ATTACHMENT DETAILS BY A REGISTERED P.E. IN THE STATE IN WHICH THE WORK WILL BE PERFORMED AND SHALL COMPLY WITH ALL LOCAL, STATE AND GOVERNING CODES.

2.) LOAD CALCULATIONS, SUPPORT AND ATTACHMENT DETAILS ARE TO BE SUBMITTED TO THE OWNER OR THEIR REPRESENTATIVE FOR REVIEW BEFORE INSTALLATION OF BHS EQUIPMENT.

3.) THE POINT LOADS PLACEMENT DIAGRAMS AND CONFIGURATIONS SHOWN REPRESENT A TYPICAL POSSIBLE CONFIGURATION AND DO NOT ENCOMPASS ALL POSSIBLE CONFIGURATIONS WHICH MAY BE UTILIZED.

4.) VIBRATION ISOLATION IS TO BE INSTALLED IN CONJUNCTION WITH ALL SUPPORTS ATTACHED TO BUILDING STRUCTURE AND IS TO BE INCLUDED WITH BASE BID.

5.) ALL CONVEYORS ARE DESIGNED TO SUPPORT A CONCENTRATED STATIC LOAD OF 250 LBS.

6.) THE LIVE LOAD FOR TRANSPORT CONVEYOR IS CALCULATED AS 40 LBS/FT
THE LIVE LOAD FOR LOAD/UNLOAD CONVEYORS IS CALCULATED AS 60 LS/FT.
THE LIVE LOAD FOR CATWALK IS CALCULATED AS 45 LBS/FT

7.) THE FOLLOWING WEIGHTS WERE USED FOR DETERMINING THE EQUIPMENT LOADS (STATIC & DYNAMIC) GENERATED BY THE CONVEYOR EQUIPMENT

39" WIDE STANDARD CONVEYOR

STANDARD BED SECTION	85	LBS/FT
DRIVE SECTION	1000	LBS
STANDARD QUEUE	880	LBS
18" END TAKE-UP	240	LBS
9" END TAKE-UP	130	LBS
10' RADIUS BREAKOVER	350	LBS
30° POWER CURVE	620	LBS
45° POWER CURVE	830	LBS
90° POWER CURVE	1310	LBS
45° MERGE (3' CENTERLINE)	820	LBS
45° MERGE (5' CENTERLINE)	1250	LBS

57" WIDE OVER-SIZE CONVEYOR

STANDARD BED SECTION	105	LBS
DRIVE SECTION	1600	LBS
STANDARD QUEUE	1340	LBS
18" END TAKE-UP	320	LBS
9" END TAKE-UP	170	LBS
10' RADIUS BREAKOVER	420	LBS
30° POWER CURVE	830	LBS
45° POWER CURVE	1110	LBS
90° POWER CURVE	1390	LBS
45° MERGE (3' CENTERLINE)	1100	LBS
45° MERGE (5' CENTERLINE)	1680	LBS

OTHER EQUIPMENT

HIGH SPEED DIVERTER	1400	LBS
AUTOMATIC TAG READER	500	LBS
CLAIM OR MAKE-UP DEVICE	200	LBS/FT
VERTISORTER/VERTIMERGE	4590	LBS
CATWALK	65	LBS/SQ FT

8.)

SYMBOL	DESCRIPTION
	CONCENTRATED POINT LOAD
	CONVEYOR SUPPORT

9.) HANDRAILS TO BE DESIGNED TO RESIST A LOAD OF 20 LBS/FT TO THE TOP RAIL, 50 LBS ON A 1 SQ FT AREA ON THE MID RAIL AND A SINGLE CONCENTRATED LOAD OF 200 LBS APPLIED IN ANY DIRECTION ALONG THE TOP.

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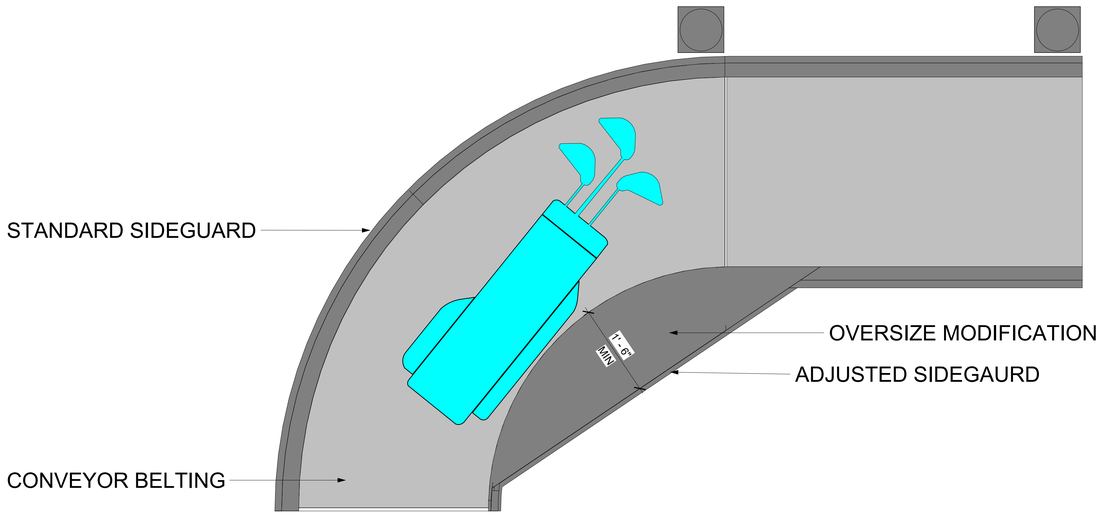
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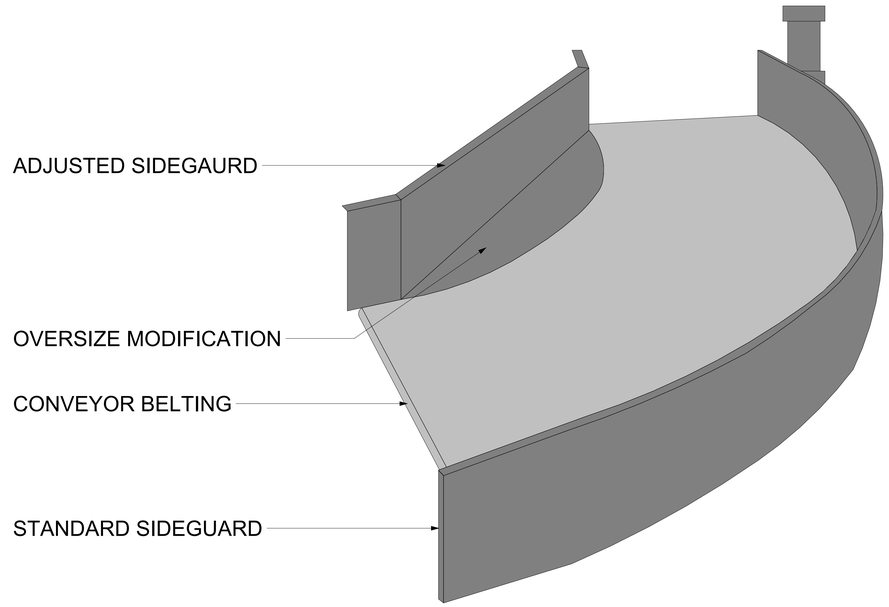
SHEET CONTENTS
TYPICAL DETAILS - LOADING DETAILS

SHEET NO.:
QB-505

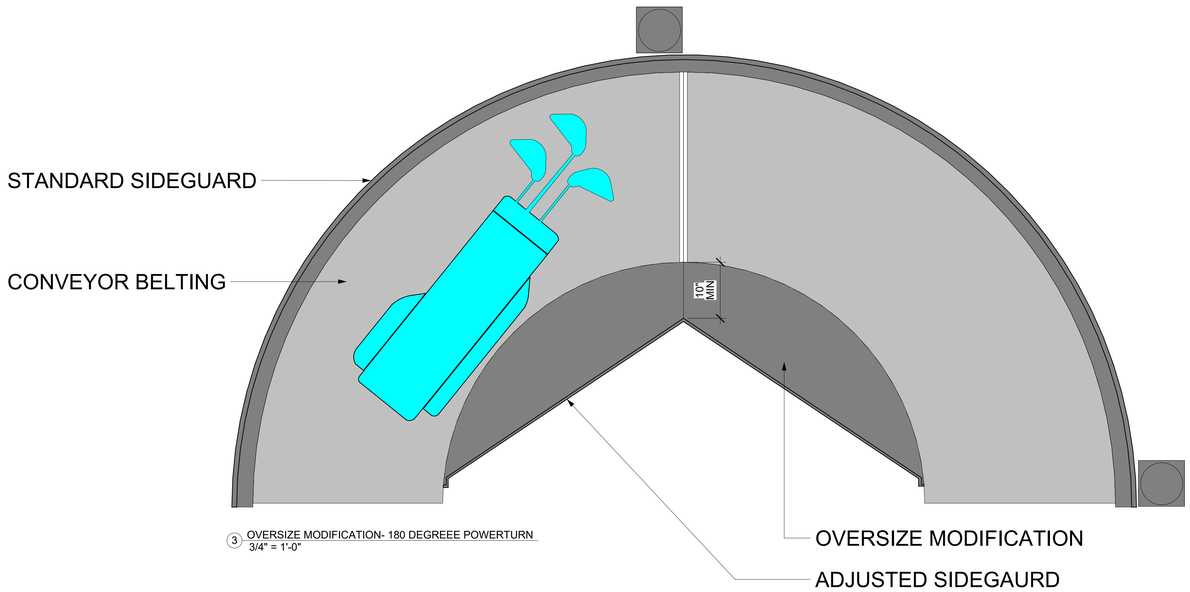
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1 OVERSIZE MODIFICATION- 90 DEGREEE POWERTURN
3/4" = 1'-0"



2 OVERSIZE MODIFICATION- 3D VIEW
3/4" = 1'-0"



3 OVERSIZE MODIFICATION- 180 DEGREEE POWERTURN
3/4" = 1'-0"

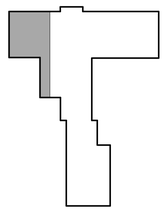
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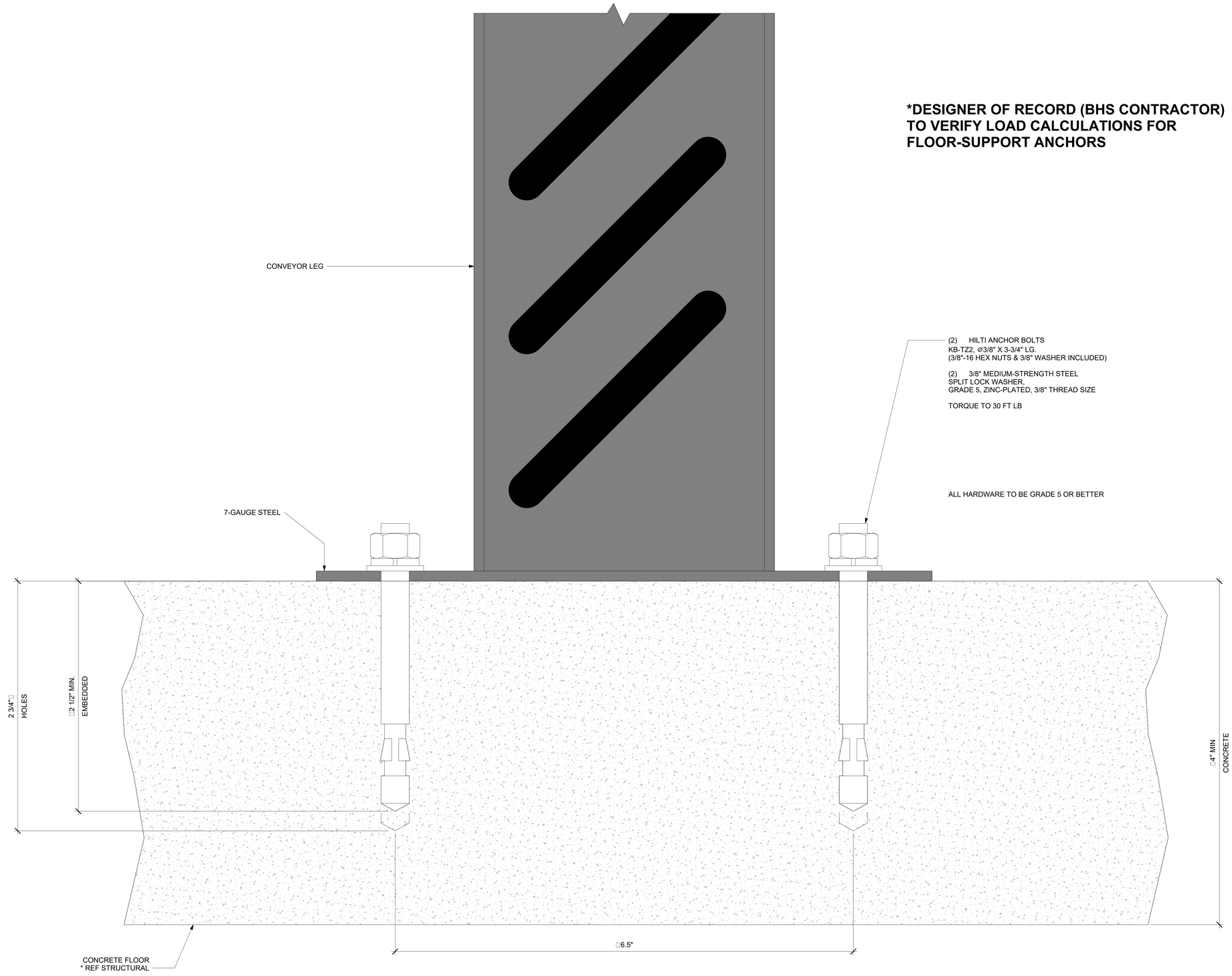
SHEET CONTENTS
TYPICAL DETAILS - OVERSIZE SIDEGUARD MODIFICATION

SHEET NO.:
QB-506

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2

***DESIGNER OF RECORD (BHS CONTRACTOR) TO VERIFY LOAD CALCULATIONS FOR FLOOR-SUPPORT ANCHORS**



1 FLOOR SUPPORT ANCHOR CONNECTION
12" = 1'-0"

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SHEET CONTENTS
TYPICAL DETAILS - FLOOR SUPPORT ANCHORS

SHEET NO.:

QB-507

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NOTES:
- ELEVATIONS ARE REFERENCED ABOVE FINISHED FLOOR ELEVATION.
- BHS CONTRACTOR TO FIELD VERIFY ELEVATIONS, EXISTING CONDITIONS OF FLOOR FLATNESS AND FLOOR LEVELNESS PRIOR TO SHOP DRAWING DEVELOPMENT.
- SPEEDS ARE FOR REFERENCE ONLY.
- BHS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE INTEGRATION REQUIREMENTS OF SYSTEMS IN THE PROPOSED DESIGNS. THIS INCLUDES, BUT NOT LIMITED TO ALL EXISTING SYSTEMS. FOR EXAMPLE, EDS MACHINES, ACCESS CONTROL DEVICES, FIRE MANAGEMENT SYSTEMS, ETC. VERIFICATION SHALL BE COMPLETED PRIOR TO SHOP DRAWINGS.
- BHS CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS OF PROPOSED WORK PRIOR TO CONSTRUCTION.

EXISTING

CONVEYOR MANIFEST - EXISTING TO REMAIN			
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE	SPEED
TC1-01 (E)	TRANSPORT CONVEYOR	24' - 10"	90
TC1-02 (E)	TRANSPORT CONVEYOR	26' - 11 1/2"	90
TC1-SD (E)	SECURITY DOOR		
3		51' - 9 1/2"	

CONVEYOR MANIFEST - EXISTING - DEMO	
CONVEYOR ID	DESCRIPTION
OG1-01 (E)	REVERSE MERGE
OG1-02 (E)	BREAKOVER
OG1-03 (E)	POWERTURN
OG1-04 (E)	TRANSPORT CONVEYOR
OG1-HSD (E)	HIGH SPEED DIVERT
OG1-RB (E)	BHS-ROLLER CONVEYOR - 5' SECTION
SS1-01 (E)	TRANSPORT CONVEYOR
SS1-02 (E)	BHS-ROLLER CONVEYOR - 6 in SECTION
TC1-03 (E)	POWERSPIRAL
9	

CONVEYOR MANIFEST - EXISTING - RELOCATE		
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE
FD-01 (E)	SECURITY DOOR	
OG1-04 (E)	TRANSPORT CONVEYOR	12' - 2 1/2"
SP1-01 (E)	TRANSPORT CONVEYOR	23' - 6"
SP1-02 (E)	TRANSPORT CONVEYOR	21' - 6"
SS1-07 (E)	QUEUE	3' - 6"
SS1-RB1 (E)	BHS-ROLLER CONVEYOR - LIFT GATE	4' - 0"
TEMP ROLLER	ROLLERBED	26' - 6"
7		

THESE ITEMS TO BE RELOCATED TO TEMPORARY CONFIGURATION THEN DEMOLISHED AFTER TEMPORARY PHASE. SEE PHASING SHEETS

TEMPORARY

CONVEYOR MANIFEST - TEMPORARY - PROPOSED TO REMAIN				
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE	SPEED	VFD
TC1-06 (N)	POWERTURN OS	8' - 10"	120	Yes
TC1-07 (N)	TRANSPORT CONVEYOR	9' - 6 1/4"	90	Yes
TC1-08 (N)	POWERTURN OS	8' - 10"	180	Yes
TC1-09 (N)	TRANSPORT CONVEYOR	27' - 9"	120	Yes
4		54' - 11 1/4"		

THESE ITEMS TO BE RELOCATED TO PROPOSED CONFIGURATION AFTER TEMPORARY PHASE. SEE PHASING SHEETS

PROPOSED

CONVEYOR MANIFEST - PROPOSED - TICKET COUNTER				
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE	SPEED	VFD
TC1-03	POWERTURN OS	8' - 10"	120	Yes
TC1-04	INCLINE - DECLINE - STRAIGHT	15' - 7 1/2"	150	Yes
TC1-05	TRANSPORT CONVEYOR	42' - 5 1/2"	180	Yes
TC1-06	POWERTURN OS	8' - 10"	180	Yes
TC1-07	TRANSPORT CONVEYOR	9' - 6 1/4"	150	Yes
TC1-08	POWERTURN OS	8' - 10"	120	Yes
TC1-09	TRANSPORT CONVEYOR	27' - 9"	90	Yes
7		121' - 10 1/2"		

CONVEYOR MANIFEST - PROPOSED - SECURITY SHUNT LINE 1 - ROLLERBED				
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE	SPEED	VFD
SS1-BM	BHS-CONVEYOR-BALL MAT	4' - 0"		
SS1-LG	BHS-ROLLER CONVEYOR - LIFT GATE	4' - 0"		
SS1-RB1	ROLLERBED	4' - 9 3/4"		
SS1-RB2	ROLLERBED	2' - 9 1/2"		
4		15' - 7 1/4"		

CONVEYOR MANIFEST - PROPOSED - MAKE-UP FEED				
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE	SPEED	VFD
MF-01	TRANSPORT CONVEYOR	17' - 11 1/2"	90	Yes
MF-02	BREAKOVER	33' - 0"	120	Yes
MF-03	BREAKOVER	28' - 10 3/4"	90	Yes
MF-SD	SECURITY DOOR			No
4		79' - 10 1/4"		

CONVEYOR MANIFEST - PROPOSED - MAKE UP				
CONVEYOR ID	DESCRIPTION	LENGTH CENTERLINE	SPEED	VFD
MU1	MAKE-UP - INCLINE PLATE - STRAIGHT	4' - 0"	90	
MU1	MAKE-UP - INCLINE PLATE - STRAIGHT - MOTOR LOCATION	30' - 10 1/4"	90	Yes
MU1	MAKE-UP - INCLINE PLATE - CURVE - 90	9' - 2"	90	
MU1	MAKE-UP - INCLINE PLATE - CURVE - 90	9' - 2"	90	
MU1	MAKE-UP - INCLINE PLATE - STRAIGHT - MOTOR LOCATION	30' - 10 1/4"	90	Yes
MU1	MAKE-UP - INCLINE PLATE - STRAIGHT	4' - 0"	90	
MU1	MAKE-UP - INCLINE PLATE - CURVE - 90	9' - 2"	90	
MU1	MAKE-UP - INCLINE PLATE - CURVE - 90	9' - 2"	90	
8		106' - 4"		

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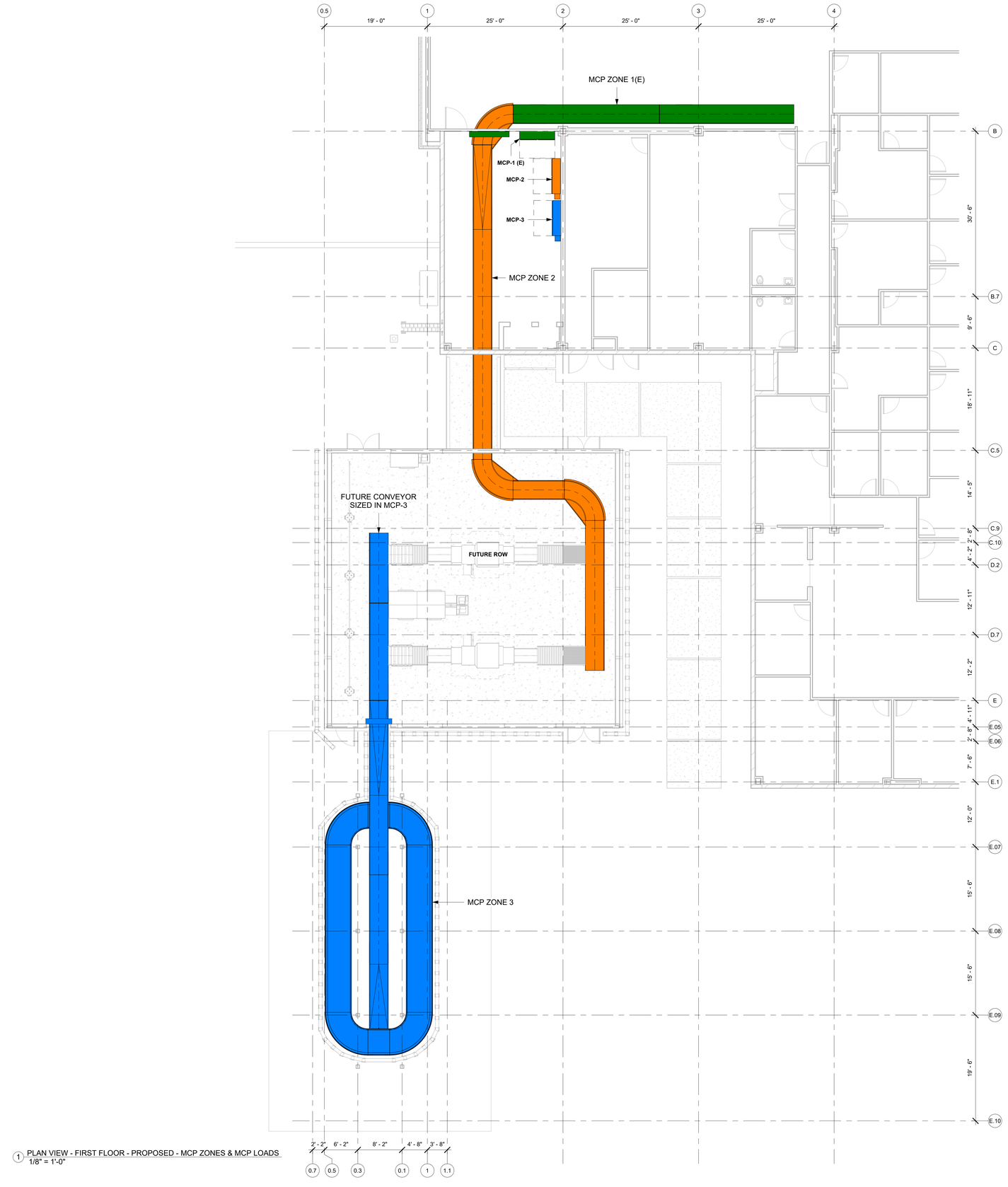
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SHEET CONTENTS
CONVEYOR MANIFEST

SHEET NO.:
QB-600

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1 PLAN VIEW - FIRST FLOOR - PROPOSED - MCP ZONES & MCP LOADS
1/8" = 1'-0"

NOTES:

- ELEVATIONS ARE REFERENCED ABOVE FINISHED FLOOR ELEVATION.
- BHS CONTRACTOR TO FIELD VERIFY ELEVATIONS, EXISTING CONDITIONS OF FLOOR FLATNESS AND FLOOR LEVELNESS PRIOR TO SHOP DRAWING DEVELOPMENT.
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- MCP LAYOUR AND LOADS FOR REFERENCE ONLY.

ELECTRICAL LOADS - MCP-2			
CONVEYOR ID	DESCRIPTION	HP	FLA
TC1-03	POWERTURN OS	1.5	2.8
TC1-04	INCLINE - DECLINE - STRAIGHT	2	3.4
TC1-05	TRANSPORT CONVEYOR	3	4.8
TC1-06	POWERTURN OS	1.5	2.8
TC1-07	TRANSPORT CONVEYOR	1.5	2.8
TC1-08	POWERTURN OS	1.5	2.8
TC1-09	TRANSPORT CONVEYOR	2.5	4.1
			23.5

TOTAL MOTOR LOAD FOR MCP (MCP-2) = 23.5 FLA
WITH DESIGN CONTINGENCY = 29.4 FLA
MCP TRANSFORMER SIZE FOR PANEL + 15.6 FLA
TOTAL MCP LOAD = 45.0 FLA

TOTAL MCP LOAD IS FOR REFERENCE ONLY

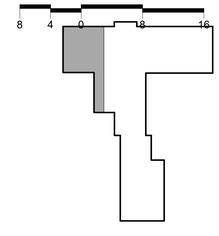
ELECTRICAL LOADS - MCP-3			
CONVEYOR ID	DESCRIPTION	HP	FLA
MF-01	TRANSPORT CONVEYOR	2	3.4
MF-01A	TRANSPORT CONVEYOR	2	3.4
MF-02	BREAKOVER	3	4.8
MF-03	BREAKOVER	2.5	4.1
MF-SD	SECURITY DOOR	2	3.4
MU1	MAKE-UP - INCLINE PLATE - STRAIGHT - MOTOR LOCATION	7.5	11
MU1	MAKE-UP - INCLINE PLATE - STRAIGHT - MOTOR LOCATION	7.5	11
			41.1

TOTAL MOTOR LOAD FOR MCP (MCP-3) = 41.1 FLA
WITH DESIGN CONTINGENCY = 51.4 FLA
MCP TRANSFORMER SIZE FOR PANEL + 15.6 FLA
TOTAL MCP LOAD = 67.0 FLA

TOTAL MCP LOAD IS FOR REFERENCE ONLY

BHS LEGEND - MCP ZONES

- MCP-1 (E) ZONE
- MCP-2 ZONE
- MCP-3 ZONE



KEY PLAN

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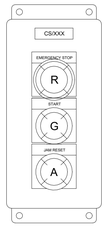
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SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - MCP ZONES & MCP LOADS

SHEET NO.:
QB-650

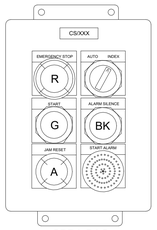
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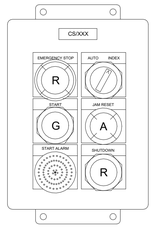
TRANSPORT CONVEYOR

1 C/S - TYPE 1
12" = 1'-0"



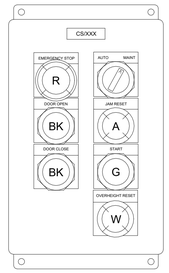
CBRA BAG
FEED LINE

5.2 C/S - TYPE 5
12" = 1'-0"



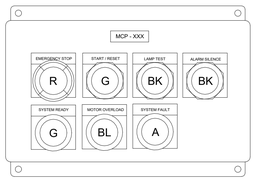
CBRA CLEAR LINE

7.2 C/S - TYPE 7
12" = 1'-0"



FIRE/SECURITY DOOR

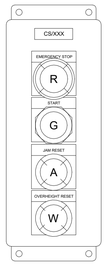
10 C/S - TYPE 10
12" = 1'-0"



MOTOR CONTROL PANEL

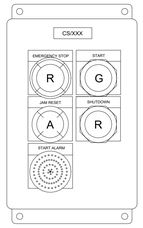
***BUTTONS CAN BE ATTACHED DIRECTLY TO THE MCP OR ON A NEW NEARBY CONTROL STATION AS SHOWN.**

12 C/S - TYPE 12
12" = 1'-0"



OVERHEIGHT

13 C/S - TYPE 13
12" = 1'-0"

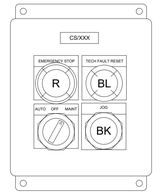


MAKE-UP USER INTERFACE

14 C/S - TYPE 14
12" = 1'-0"

MAKE-UP E-STOP/RESET

15 C/S - TYPE 15
12" = 1'-0"



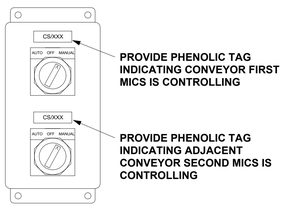
MAKE-UP MOTOR
CONTROL

16 C/S - TYPE 16
12" = 1'-0"



CROSS OVER

20 C/S - TYPE 20
12" = 1'-0"

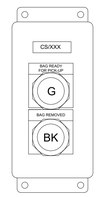


PROVIDE PHENOLIC TAG INDICATING CONVEYOR FIRST MICS IS CONTROLLING

PROVIDE PHENOLIC TAG INDICATING ADJACENT CONVEYOR SECOND MICS IS CONTROLLING

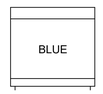
MANUAL INTERVENTION CONTROL STATION (MICS)

24 C/S - TYPE 24
12" = 1'-0"



OVERSIZE PICK-UP

29 C/S - TYPE 29
12" = 1'-0"



*MOUNT UP ABOVE
MU IN VIEW OF
AIRLINE EMPLOYEES*

OVERSIZE PICK-UP INDICATOR

30 C/S - TYPE 30
12" = 1'-0"

BHS LEGEND - CONTROLS

- ILLUMINATED LATCHED MUSHROOM STYLE PUSH / PULL TOP WITH LOCKING CAPABILITY
- FLAT PUSH BUTTON
- ILLUMINATED MOMENTARY PUSH BUTTON WITH PUSH LAMP TEST CAPABILITY
- ILLUMINATED LIGHT/LAMP
- SELECTOR SWITCH
- AUDIBLE ALARM
- KEYED SWITCH

G = GREEN	BK = BLACK
A = AMBER	BL = BLUE
R = RED	W = WHITE

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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

ISSUED

	09/03/25	ISSUED FOR PERMIT
1	09/30/25	PERMIT REVISIONS

M&H NO.: 1943000-222814.02
DATE: January 28, 2026
DESIGNED BY: LP
DRAWN BY: LP
CHECKED BY: KT
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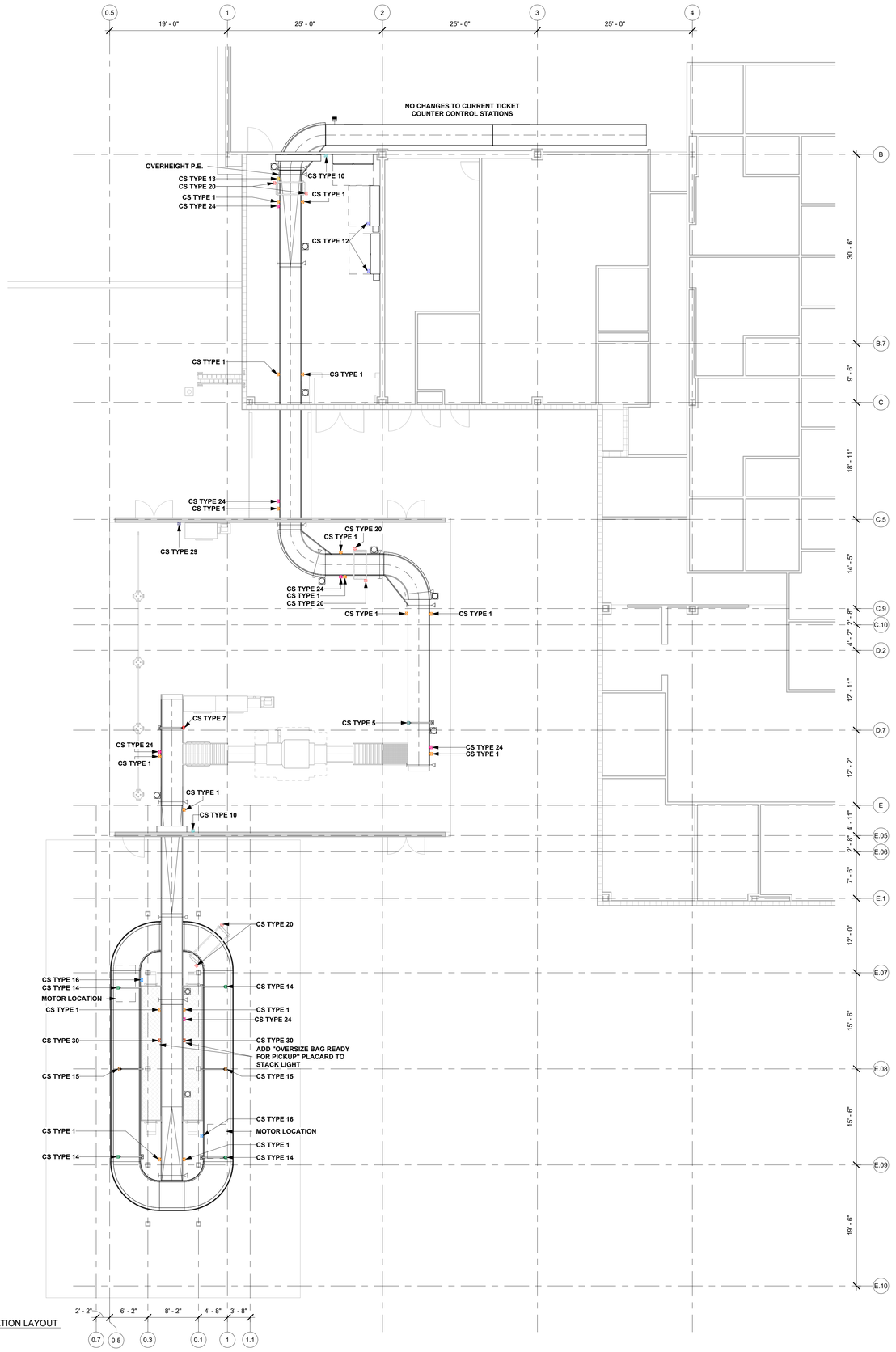
SHEET CONTENTS
TYPICAL DETAILS - CONTROL STATIONS

SHEET NO.:

QB-700

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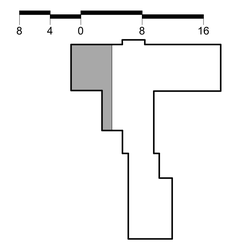
1 PLAN VIEW - FIRST FLOOR - PROPOSED - CONTROL STATION LAYOUT
1/8" = 1'-0"

NOTES:

- ELEVATIONS ARE REFERENCED ABOVE FINISHED FLOOR ELEVATION.
- BHS CONTRACTOR TO FIELD VERIFY ELEVATIONS, EXISTING CONDITIONS OF FLOOR FLATNESS AND FLOOR LEVELNESS PRIOR TO SHOP DRAWING DEVELOPMENT.
- SPEEDS ARE FOR REFERENCE ONLY.
- BHS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE INTEGRATION REQUIREMENTS OF SYSTEMS IN THE PROPOSED DESIGNS. THIS INCLUDES, BUT NOT LIMITED TO ALL EXISTING SYSTEMS, FOR EXAMPLE, EDS MACHINES, ACCESS CONTROL DEVICES, FIRE MANAGEMENT SYSTEMS, ETC. VERIFICATION SHALL BE COMPLETED PRIOR TO SHOP DRAWINGS.
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- BHS CONTRACTOR TO PROVIDE AN HMI SCREEN AT ALL MCP CABINETS
- BHS CONTROL STATION BUTTON LAYOUT FOR REFERENCE ONLY. BHS CONTRACTOR SHALL SUBMIT PROPOSED CONTROL STATION LAYOUT AND FUNCTIONALLY FOR REVIEW AND APPROVAL FROM THE AIRPORT.
- CONTROL STATION IN PUBLIC AREA SHALL BE CLAD IN STAINLESS STEEL

BHS LEGEND - CONTROL STATION LEGEND

- TYPE 1 CONTROL STATION
- TYPE 5 CONTROL STATION
- TYPE 7 CONTROL STATION
- TYPE 10 CONTROL STATION
- TYPE 12 CONTROL STATION
- TYPE 13 CONTROL STATION
- TYPE 14 CONTROL STATION
- TYPE 15 CONTROL STATION
- TYPE 16 CONTROL STATION
- TYPE 20 CONTROL STATION
- TYPE 24 CONTROL STATION
- TYPE 29 CONTROL STATION
- TYPE 30 CONTROL STATION
- = PHOTO-EYE (PE)



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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

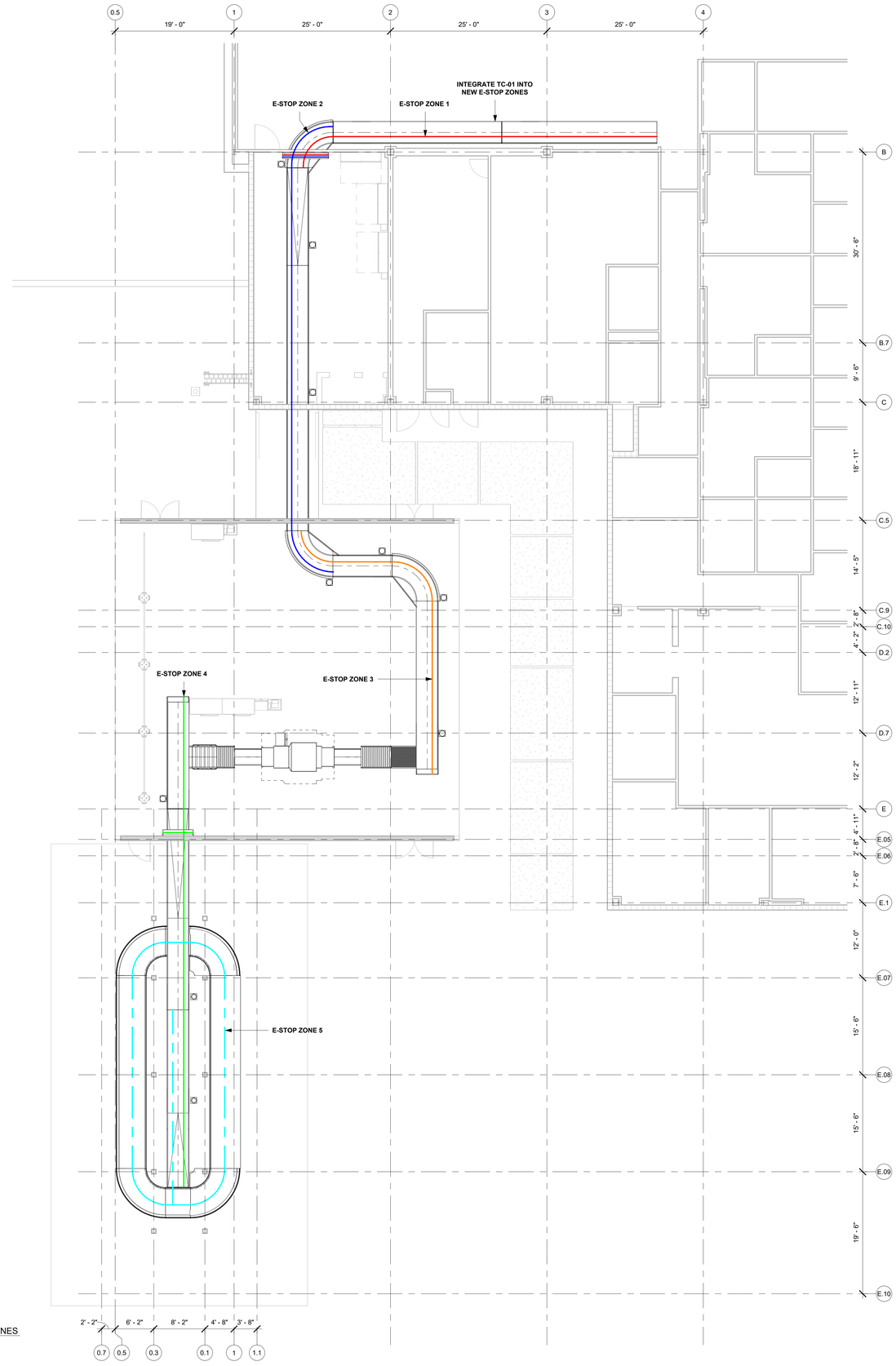
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SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - CONTROL STATION LAYOUT

SHEET NO.:
QB-701

1/23/2026 5:25:05 PM Autodesk Docs://SBP - 2024/SBP - BHS - 2024.rvt



1 PLAN VIEW - FIRST FLOOR - PROPOSED -E-STOP ZONES
1/8" = 1'-0"

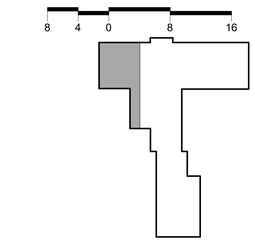
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- CONTROL STATION IN PUBLIC AREA SHALL BE CLAD IN STAINLESS STEEL

BHS LEGEND - E-STOP ZONES

- E-STOP ZONE 1
- E-STOP ZONE 2
- E-STOP ZONE 3
- E-STOP ZONE 4
- E-STOP ZONE 5

8 4 0 8 16



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BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

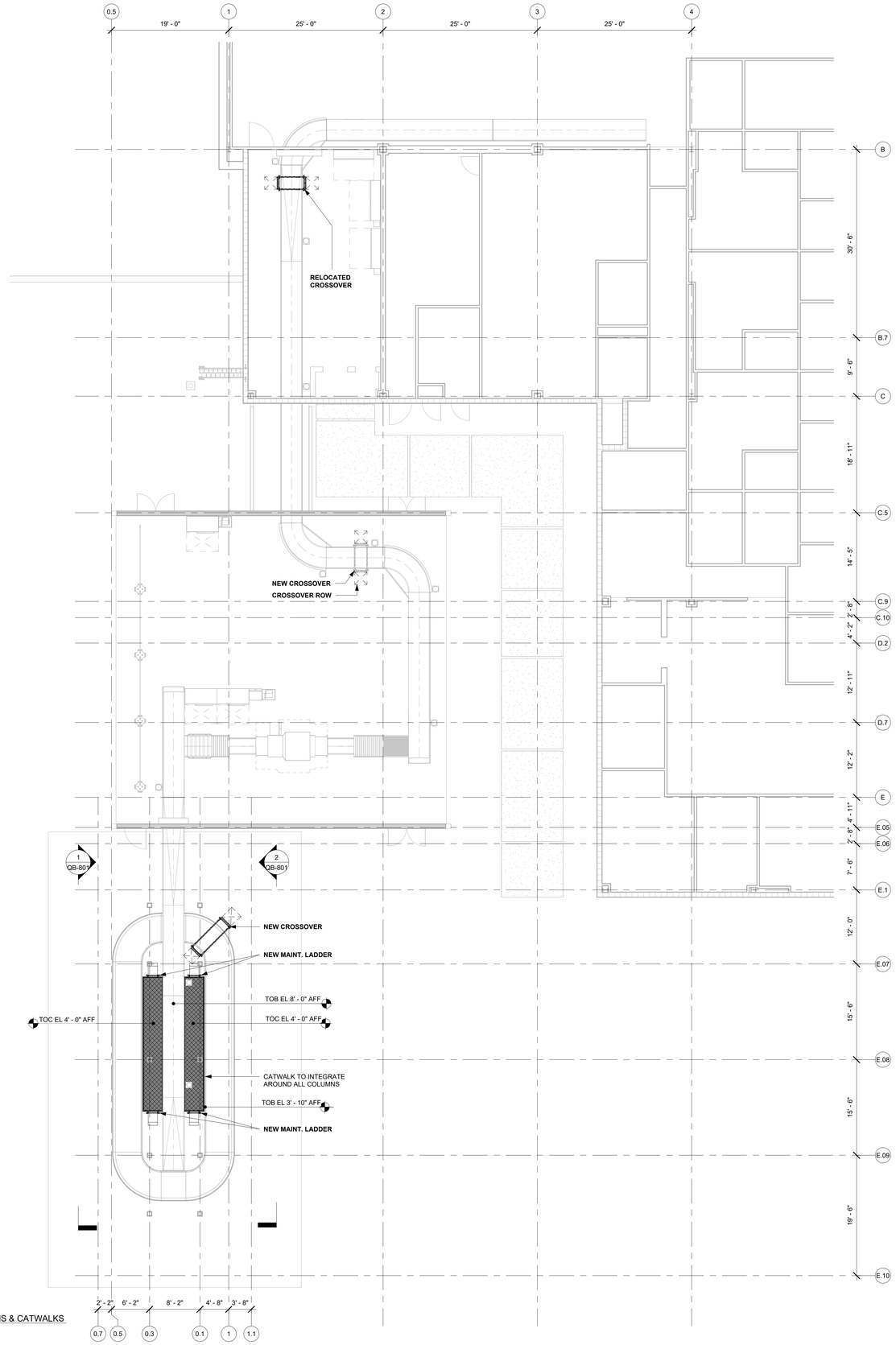
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SHEET CONTENTS:
PLAN VIEW - FIRST FLOOR - PROPOSED - E-STOP ZONES

SHEET NO.:
QB-750

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1 PLAN VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS
1/8" = 1'-0"

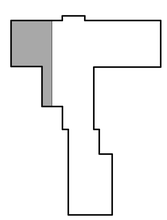
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BHS LEGEND - PLATFORMS & CATWALK

- PROPOSED
- PROPOSED CONVEYOR
- MAINT. ROW

8 4 0 8 16



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SAN LUIS OBISPO COUNTY REGIONAL AIRPORT
BAGGAGE SCREENING MODS.

975 AIRPORT DRIVE, SUITE 1
SAN LUIS OBISPO, CA 93401

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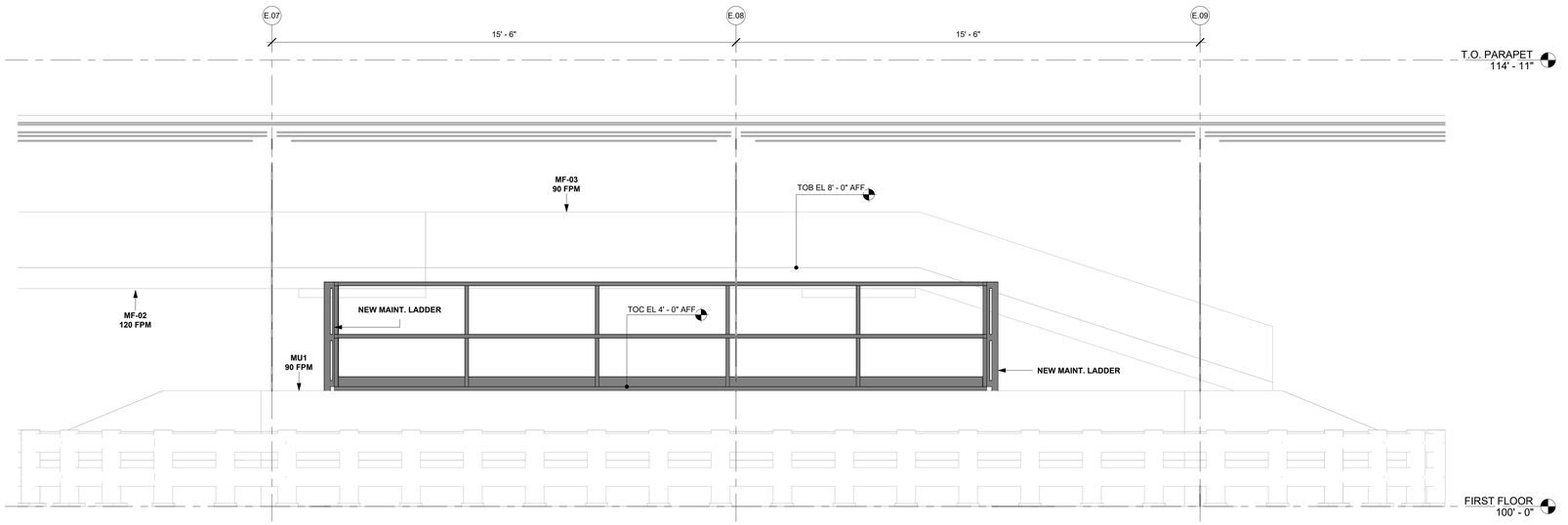
SHEET CONTENTS
PLAN VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS

SHEET NO.:
QB-800

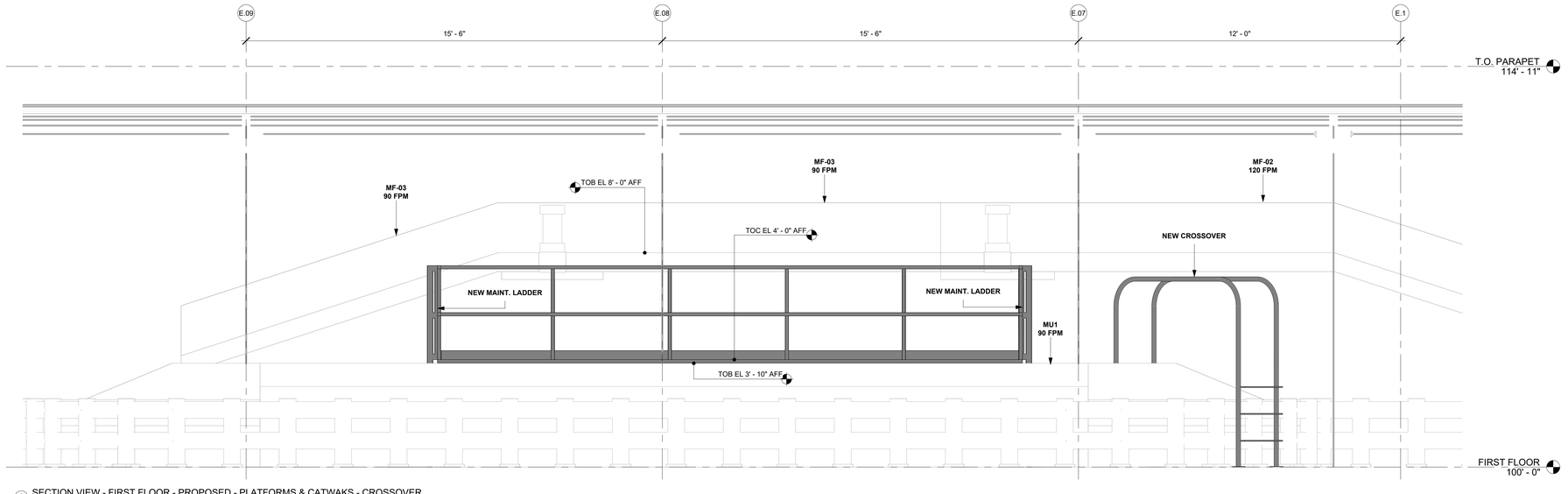
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1 SECTION VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWAKS
1/2" = 1'-0"

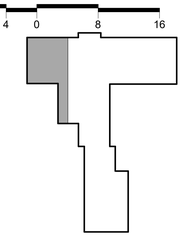


2 SECTION VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWAKS - CROSSOVER
1/2" = 1'-0"

BHS LEGEND - PLATFORMS & CATWALK

- PROPOSED
- PROPOSED CONVEYOR
- MAINT. ROW

8 4 0 8 16



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BAGGAGE SCREENING MODS.

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SHEET CONTENTS
SECTION VIEW - FIRST FLOOR - PROPOSED - PLATFORMS & CATWALKS

SHEET NO.:
QB-801

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