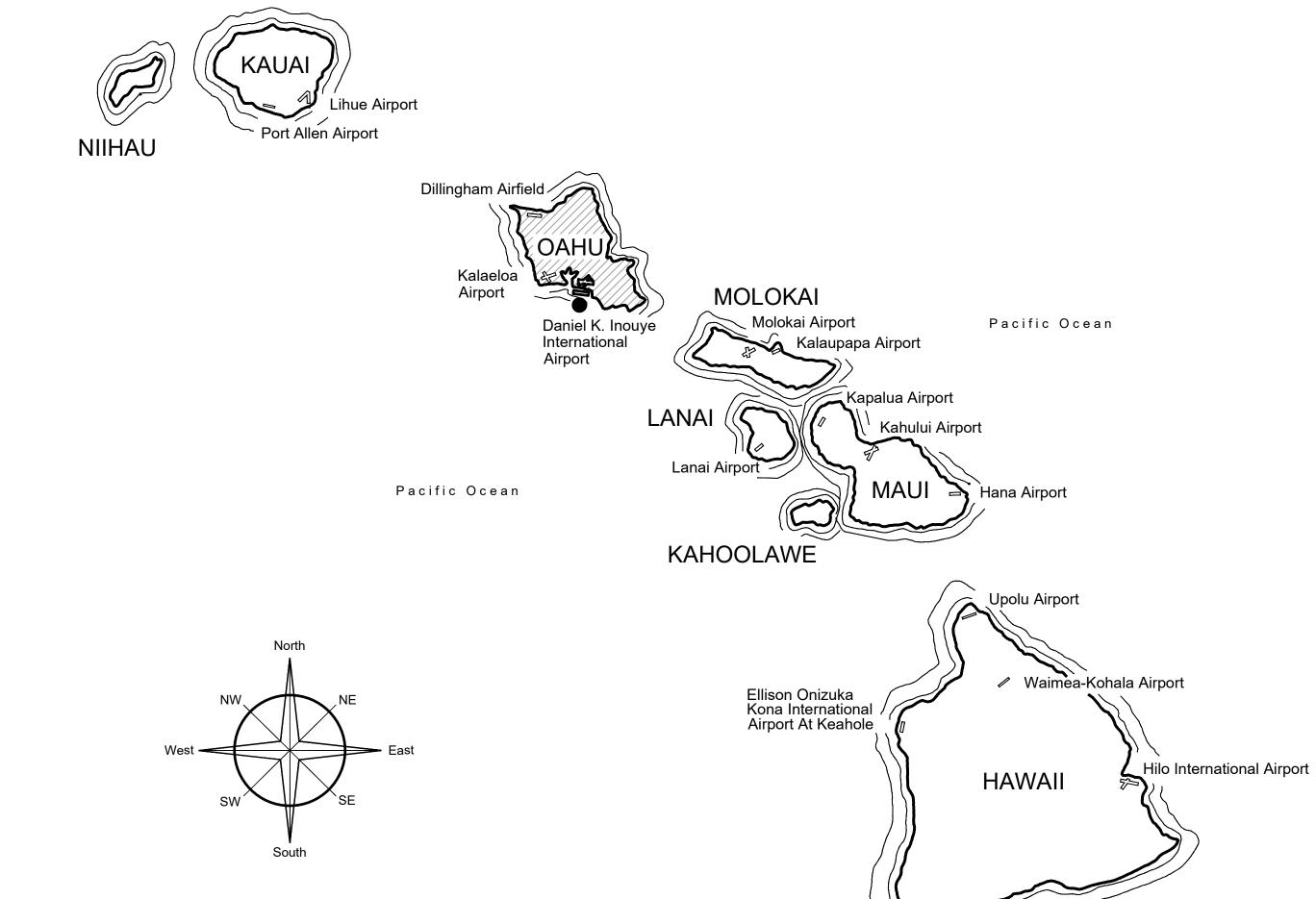
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS

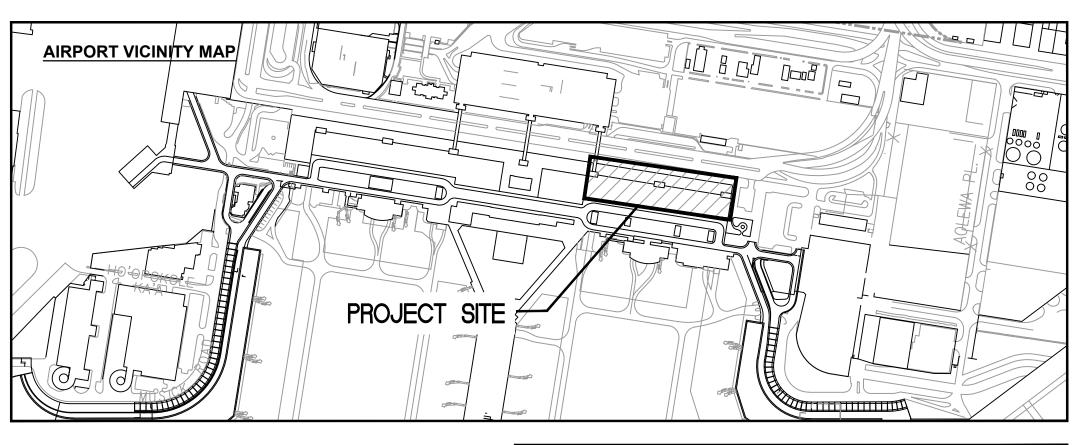
PLANS FOR

LOBBIES 6, 7 & 8 IMPROVEMENTS

AT

DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII PROJECT NO. CO1430-43





DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED:
for DIRECTOR OF TRANSPORATION

DATE

CIVIL:
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828 FORT STREET MALL,
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HONOLULU, HAWAII 96813
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ELECTRICAL:
COFFMAN ENGINEERS
745 FORT STREET MALL,
SUITE 400
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ELICENSED
PROFESSIONAL
ENGINEER

PROFESSIONAL
ENGINEER

No. 15212-E

Signature
JEREMY B. DOW

Signature
JEREMY B. DOW

ELECTRICAL ENGINEER





D4/30/2026

Licensed Expiration Date

This work was prepared by me or under my supervision.

JM, GS AP, VS SW JM

KEY PLAN / NOTES:

CONSTRUCTION DOCUMENTS

MARCH 2024

PROJECT TITLE:

LOBBIES 6, 7 & 8 IMPROVEMENTS

AT DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII

PROJECT NO.:

CO1430-43

SHEET TITLE:

TITLE SHEET

DATE : 27 MAR 2024
SHEET :

1 OF 13 SHEETS

G-00²

GENERAL NOTES:

- 1. CONSTRUCTION SHALL COMPLY WITH THE STATE OF HAWAII BUILDING CODE, WHICH ADOPTS THE 2021 INTERNATIONAL BUILDING CODE, WITH LOCAL AMENDMENTS.
- 2. CONSTRUCTION DOCUMENTS DESCRIBE THE INTENT OF THE QUALITY AND SCOPE OF THE CONSTRUCTION FOR THE PROJECT. WHERE DETAILS ARE NOT SHOWN, THE CONTRACTOR SHALL PROCEED FOLLOWING THE ACCEPTED QUALITY STANDARDS AND PROCEDURES OF THE CONSTRUCTION INDUSTRY IN THE STATE OF HAWAII FOLLOWING THE GENERAL INTENT OF THE CONSTRUCTION DOCUMENTS.

DIMENSIONS

- 1. DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE.
- 2. DIMENSIONS SHALL BE FIELD VERIFIED BEFORE PROCEEDING WITH THE WORK.

DEFINITIONS

- 1. ALL MATERIALS, ITEMS, WORK, NOTED IN THE DRAWINGS SHALL BE "NEW". UNLESS INDICATED AS EXISTING.
- 2. (E) MEANS "EXISTING". CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS AND CONFIRM SIZES.
- 3. "PROVIDE" SHALL MEAN FURNISH AND INSTALL NEW ITEM(S) AS DETAILED NOTED IN THE CONTRACT DOCUMENTS.
- 4. "REMOVE" MEANS TO REMOVE AND DISPOSE INDICATED ITEMS, INCLUDING ASSOCIATED EXTRANEOUS FASTENERS, PIPES, CONDUITS JUNCTION BOXES, ETC. REPAIR/REPLACE/PATCH DAMAGES, SPALLS, CRACKS, HOLES, ETC.
- 5. "REPLACE" MEANS TO REMOVE EXISTING AND TO FURNISH AND INSTALL, "NEW" ITEM(S) TO MATCH THE EXISTING DESIGN, SUCH AS MATERIALS, THICKNESS, COLOR, QUALITY, CONSTRUCTION, ETC., UNLESS OTHERWISE DETAIL OR NOTED. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION AND DESIGN PRIOR TO REMOVAL.

CONSTRUCTION NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DOCUMENT EXISTING CONDITIONS WITHIN THE PROJECT LIMITS BEFORE START OF PROJECT. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR DAMAGES WITHIN THE PROJECT LIMITS UNLESS DOCUMENTED AS EXISTING.
- 2. THE DEMOLITION PLAN REPRESENTS ONLY GENERAL DEMOLITION. ALL ITEMS TO BE REMOVED, TEMPORARILY REMOVED AND REINSTALLED, ETC. ARE NOT NECESSARILY SHOWN. CONTRACTOR SHALL PERFORM ALL REQUIRED DEMOLITION, TEMPORARY REMOVAL AND REPLACEMENT, CUTTING PATCHING, ETC., AS REQUIRED TO PROVIDE COMPLETE CONSTRUCTION. VERIFY AND COMPARE ALL DRAWINGS (ALL DISCIPLINES) FOR THE COMPLETE SCOPE OF WORK.
- 3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO BEGINNING ANY WORK AND SHALL NOTIFY THE STATE OF ANY DISCREPANCY AND/OR CONDITION WHICH WILL PREVENT HIM/HER FROM FULFILLING THE TERMS OF THE CONTRACT. WHERE EXISTING CONDITIONS REQUIRE DETAILS AND/OR SPECIFICATIONS TO VARY FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STATE IN WRITING AND PROPOSE ALTERNATE METHODS AND MATERIALS FOR CONSIDERATION. ALL EXISTING ITEMS AND/OR FINISHES SCHEDULED TO REMAIN, BUT DAMAGED DURING CONSTRUCTION, AND OVERPAINTED EXISTING MATERIALS, SHALL BE CORRECTED TO MATCH THE EXISTING MATERIAL AND FINISHES AT NO EXTRA COST TO THE STATE.
- 4. QUANTITIES SHOWN AND/OR SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS SHALL BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR ALL QUANTITIES.
- 5. GENERAL CONTRACTOR SHALL REVIEW ALL SUBMITTALS AND COORDINATE THE WORK OF THE VARIOUS TRADES TO FIT ACTUAL CONDITIONS AND MAKE INTERFACING ADJUSTMENTS AS REQUIRED.
- 6. THE CONTRACTOR SHALL PROTECT ALL ITEMS, IN AND ABOVE GROUND WITHIN THE PROJECT SITE FROM DAMAGE. DAMAGE TO BUILDINGS, SIDEWALLS, UTILITY LINES, LANDSCAPING, LAWN, HOSEBIBS, ETC., CAUSED BY THE CONTRACTOR, SHALL BE REPLACED AND/OR REPAIRED AT NO COST TO THE STATE.
- 7. CONTRACTOR SHALL PATCH ALL SURFACES EXPOSED FROM CUTTING, AND OR REMOVAL WORK. PATCH SHALL MATCH THE MATERIAL AND FINISH OF ADJACENT SURFACES.
- 8. ALL WASTE MATERIALS SHALL BE PROMPTLY REMOVED AND PROPERLY DISPOSED OF OUTSIDE THE LIMITS OF THE PROPERTY DAILY. AT THE END OF CONSTRUCTION, ALL ITEMS AND EQUIPMENT TEMPORARILY REMOVED DURING CONSTRUCTION SHALL BE REINSTALLED AS INDICATED, OR IN A LOCATION APPROVED BY THE STATE.
- 9. PAINT ALL NEWLY INSTALLED ITEMS TO MATCH EXISTING ADJACENT SURFACE, EXCEPT DO NOT PERMIT PREFINISHED ITEMS.
- 10. PAINT APPLICATION SHALL BE BY BRUSH AND ROLLER ONLY.
- 11. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION.
 CONSTRUCTION SHALL NOT DETRIMENTALLY AFFECT THE ONGOING
 OPERATIONS AND USE OF THE BUILDING. THE CONTRACTOR
 SHALL CLOSELY COORDINATE ALL WORK WITH THE STATE HAS THE FINAL
 DETERMINATION REGARDING DETRIMENTAL IMPACT OF THE FACILITY
 AND ITS OPERATION.
- 12. WHERE WARRANTIES ARE SPECIFIED, CONTRACTOR'S BID SHALL INCLUDE FULL COMPLIANCE OF ALL CONDITIONS REQUIRED BY THE WARRANTIES. WHERE THE MANUFACTURER'S WARRANTY REQUIREMENTS AND/OR RECOMMENDATIONS VARY FROM THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS, THE

NOTES FOR GENERAL CONSTRUCTION (CONT'D):

CONTRACTOR IS EXPECTED TO COMPLY WITH THE STRICTER OF THE TWO PROVIDING REQUIREMENTS DO NOT VOID WARRANTY. CONTRACTOR SHALL INFORM THE STATE IN WRITING, PROVIDE SHOP DRAWINGS, AND AS-BUILT DRAWINGS WHERE PROPOSED CONSTRUCTION WILL DEVIATE FROM THE CONSTRUCTION DOCUMENTS.

STATIONARY GENERATORS AND STANDBY POWER SYSTEMS

- 1. 11.7.2.1 GENERAL. STATIONARY GENERATORS FOR EMERGENCY USE OR STANDBY POWER REQUIRED BY THIS CODE, THE BUILDING CODE, OR OTHER CODES AND STANDARDS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS. FLAMMABLE AND COMBUSTIBLE LIQUIDS 66.1.1* THE STORAGE, USE, AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS, INCLUDING WASTE LIQUIDS, SHALL COMPLY WITH THIS CHAPTER, NFPA 30, FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE, AND SECTION 60.1 AND SECTION 60.2 OF THIS CODE. 66.2.2.2.5.1 VENT PIPES THAT ARE PROVIDED FOR NORMAL TANK VENTING SHALL TERMINATE OUTSIDE THE VAULT AND AT LEAST 12 FT ABOVE GROUND LEVEL AND SHALL MEET THE REQUIREMENTS OF 5.7.1 OF NFPA 30.
- 2. 66.2.3.2.4.5 FILLING AND EMPTYING CONNECTIONS FOR CLASS I, CLASS II, AND CLASS IIIA LIQUIDS THAT ARE CONNECTED AND DISCONNECTED SHALL BE LOCATED OUTSIDE OF BUILDINGS AT A LOCATION FREE FROM ANY SOURCE OF IGNITION. THEY SHALL BE LOCATED NOT LESS THAN 5 FT AWAY FROM ANY BUILDING OPENING. SUCH CONNECTIONS FOR ANY LIQUID SHALL BE CLOSED AND LIQUID TIGHT WHEN NOT IN USE AND SHALL BE PROPERLY IDENTIFIED.
- 3. 66.2.5.2.1 EMERGENCY RESPONSE IDENTIFICATION. A SIGN OR MARKING THAT MEETS THE REQUIREMENTS OF NFPA 704, STANDARD SYSTEM FOR THE IDENTIFICATION OF THE HAZARDS OF MATERIALS FOR EMERGENCY RESPONSE, OR AN EQUIVALENT SYSTEM, SHALL BE APPLIED TO STORAGE TANKS CONTAINING LIQUIDS. THE MARKING SHALL NOT NEED TO BE APPLIED DIRECTLY TO THE TANK BUT SHALL BE LOCATED WHERE IT CAN READILY BE SEEN, SUCH AS ON THE SHOULDER OF AN ACCESSWAY OR WALKWAY TO THE TANK OR TANKS OR ON THE PIPING OUTSIDE OF THE DIKED AREA. IF MORE THAN ONE TANK IS INVOLVED, THE MARKINGS SHALL BE SO LOCATED THAT EACH TANK CAN READILY BE IDENTIFIED.

FIRE CODE / FIRE SAFETY NOTES

 FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL COMPLY WITH THE FIRE CODE (NFPA 1 2012) WITH APPLICABLE COUNTY AMENDMENTS.

NFPA 1 2012

- 1. 1.3.6.3 REPAIRS, RENOVATIONS, ALTERATIONS, RECONSTRUCTION, CHANGE OF OCCUPANCY, AND ADDITIONS TO BUILDINGS SHALL CONFORM WITH NFPA 101 AND THE 2012 INTERNATIONAL BUILDING CODE (IBC).
- 2. 13.7.1.4.9.5 UNLESS OTHERWISE PROVIDED IN 13.7.1.4.9.5.1 THROUGH 13.7.1.4.9.5.6, NOTIFICATION SIGNALS FOR OCCUPANT TO EVACUATE SHALL BE AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ SHALL BE PROVIDED.
- 3. 16.1.1 STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS, INCLUDING THOSE IN UNDERGROUND LOCATIONS, SHALL COMPLY WITH NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, AND THIS CHAPTER.
- 4. NFPA 72; 4.4.5* PROTECTION OF FIRE ALARM CONTROL UNIT(S). IN AREAS THAT ARE NOT CONTINUOUSLY OCCUPIED, AUTOMATIC SMOKE DETECTION SHALL BE PROVIDED AT THE LOCATION OF EACH FIRE ALARM CONTROL UNIT(S) TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION. FIRE SAFETY DURING DEMOLITION.

FIRE SAFETY DURING DEMOLITION

- 13.1.4.2 FIRE DEPARTMENT HOSE CONNECTIONS SHALL BE LOCATED WITHIN 20 FEET OF A FIRE APPARATUS ACCESS ROAD, NOT LESS THAN 18 INCHES AND NOT MORE THAN 4 FEET ABOVE GRADE, OR AS APPROVED BY THE AHJ. APPROPRIATE IDENTIFICATION SIGNS SHALL BE PROVIDED IN A LOCATION(S) APPROVED BY THE AHJ.
- 13.7.1.1 WHERE BUILDING FIRE ALARM SYSTEMS OR AUTOMATIC FIRE DETECTORS ARE REQUIRED BY OTHER SECTIONS OF THIS CODE, THEY SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 70, NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, AND SECTION 13.7
- 3. 13.7.1.4.10.5 UNLESS OTHERWISE PROVIDED IN 13.7.1.4.10.5.1 THROUGH 13.7.1.4.10.5.8, NOTIFICATION SIGNALS FOR OCCUPANTS TO EVACUATE SHALL BE AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ SHALL BE PROVIDED.
- 4. 16.5.1 IF A BUILDING INTENDED TO BE DEMOLISHED CONTAINS A SPRINKLER SYSTEM, SUCH SYSTEM SHALL NOT BE RENDERED INOPERATIVE WITHOUT APPROVAL OF THE AHJ. DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS

ALTERATION OF BUILDINGS

1. 10.8.1.1 AS NECESSARY DURING EMERGENCIES, MAINTENANCE, DRILLS, PRESCRIBED TESTING, ALTERATIONS, OR RENOVATIONS, PORTABLE OR FIXED FIRE-EXTINGUISHING SYSTEMS OR DEVICES OR ANY FIRE-WARNING SYSTEM SHALL BE PERMITTED TO BE MADE INOPERATIVE OR INACCESSIBLE. A FIRE WATCH SHALL BE REQUIRED AS SPECIFIED IN SECTIONS 13.3.4.3.5.2(3), 13.7.1.4.4, 16.5.4, 20.2.3.6, 34.6.3.3, 41.2.2.5, 41.2.2.6, 41.2.4, 41.3.4, 41.4.1, 34.5.4.3, AND 25.1.8 AT NO COST TO THE AHJ. NFPA 1 2012. AS AMENDED.

NOTES FOR GENERAL CONSTRUCTION (CONT'D):

- 16.4.4.1 WHERE THE BUILDING IS PROTECTED BY FIRE PROTECTION SYSTEMS, SUCH SYSTEMS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION.
- 3. 16.4.4.2 WHERE ALTERATION REQUIRES MODIFICATION OF A PORTION OF THE FIRE PROTECTION SYSTEM, THE REMAINDER OF THE SYSTEM SHALL BE KEPT IN SERVICE AND THE FIRE DEPARTMENT SHALL BE NOTIFIED.
- 4. 16.4.4.3 WHEN IT IS NECESSARY TO SHUT DOWN THE SYSTEM, THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE ALTERNATE MEASURES OF PROTECTION UNTIL THE SYSTEM IS RETURNED TO SERVICE.
- 5. 16.4.4.4 THE FIRE DEPARTMENT SHALL BE NOTIFIED WHEN THE SYSTEM IS SHUT DOWN AND WHEN THE SYSTEM IS RETURNED TO SERVICE.

DETECTION, ALARM AND COMMUNICATIONS SYSTEMS

- 1. 13.7.1.1 WHERE BUILDING FIRE ALARM SYSTEMS OR AUTOMATIC FIRE DETECTORS ARE REQUIRED BY OTHER SECTIONS OF THIS CODE, THEY SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 70, NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, AND SECTION
- 2. 13.7.1.4.10.5 UNLESS OTHERWISE PROVIDED IN 13.7.1.4.10.5.1 THROUGH 13.7.1.4.10.5.8, NOTIFICATION SIGNALS FOR OCCUPANTS TO EVACUATE SHALL BE AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ SHALL BE PROVIDED.

MANUAL FIRE ALARM BOXES

- 1. 13.7.1.4.7.3 A MANUAL FIRE ALARM BOX SHALL BE PROVIDED IN THE NATURAL EXIT ACCESS PATH NEAR EACH REQUIRED EXIT FROM AN AREA, UNLESS MODIFIED BY ANOTHER SECTION OF THIS CODE.
- 2. 13.7.1.4.7.4* ADDITIONAL MANUAL FIRE ALARM BOXES SHALL BE LOCATED SO THAT, ON ANY GIVEN FLOOR IN ANY PART OF THE BUILDING, NO HORIZONTAL DISTANCE ON THAT FLOOR EXCEEDING 200 FT (60 M) SHALL NEED TO BE TRAVERSED TO REACH A MANUAL FIRE ALARM BOX. 9.6.2.4].
- 3. 13.7.3.3.6 MANUAL FIRE ALARM BOXES SHALL BE LOCATED WITHIN 5 FT (1.5 M) OF THE EXIT DOORWAY OPENING AT EACH EXIT ON EACH FLOOR. THE LOCATION OF MANUAL FIRE ALARM BOXES MAY BE MODIFIED BY THE NFPA 1 2012, AMENDED.

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DRAWING NUMBER	SHEET	DESCRIPTION OF DRAWINGS	
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C-001	2	NOTES AND DRAWING INDEX	
C-002	3	OVERALL EXISTING PLAN	
C-003	4	DETAILED EXISTING PLAN	
C-004	5	OVERALL SITE PLAN	
C-005	6	DEMOLITION PLAN	
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E-001	10	LEGEND, NOTES & ABBREVIATIONS	
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E-201	12	ENLARGED LOBBY PLANS	
E-202	13	ENLARGED ELECTRICAL ROOM PLANS	



Airports Division

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII



04/30/2026

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DSGN.	DRWN.	CHKD.	APPD.
JM, GS	AP, VS	SW	JM

KEY PLAN / NOTES: NO. DATE REVISIONS

CONSTRUCTION DOCUMENTS

MARCH 2024

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LOBBIES 6, 7 & 8
IMPROVEMENTS

AT DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII

PROJECT NO.: **CO1430-43**

SHEET TITLE:

NOTES & DRAWING INDEX

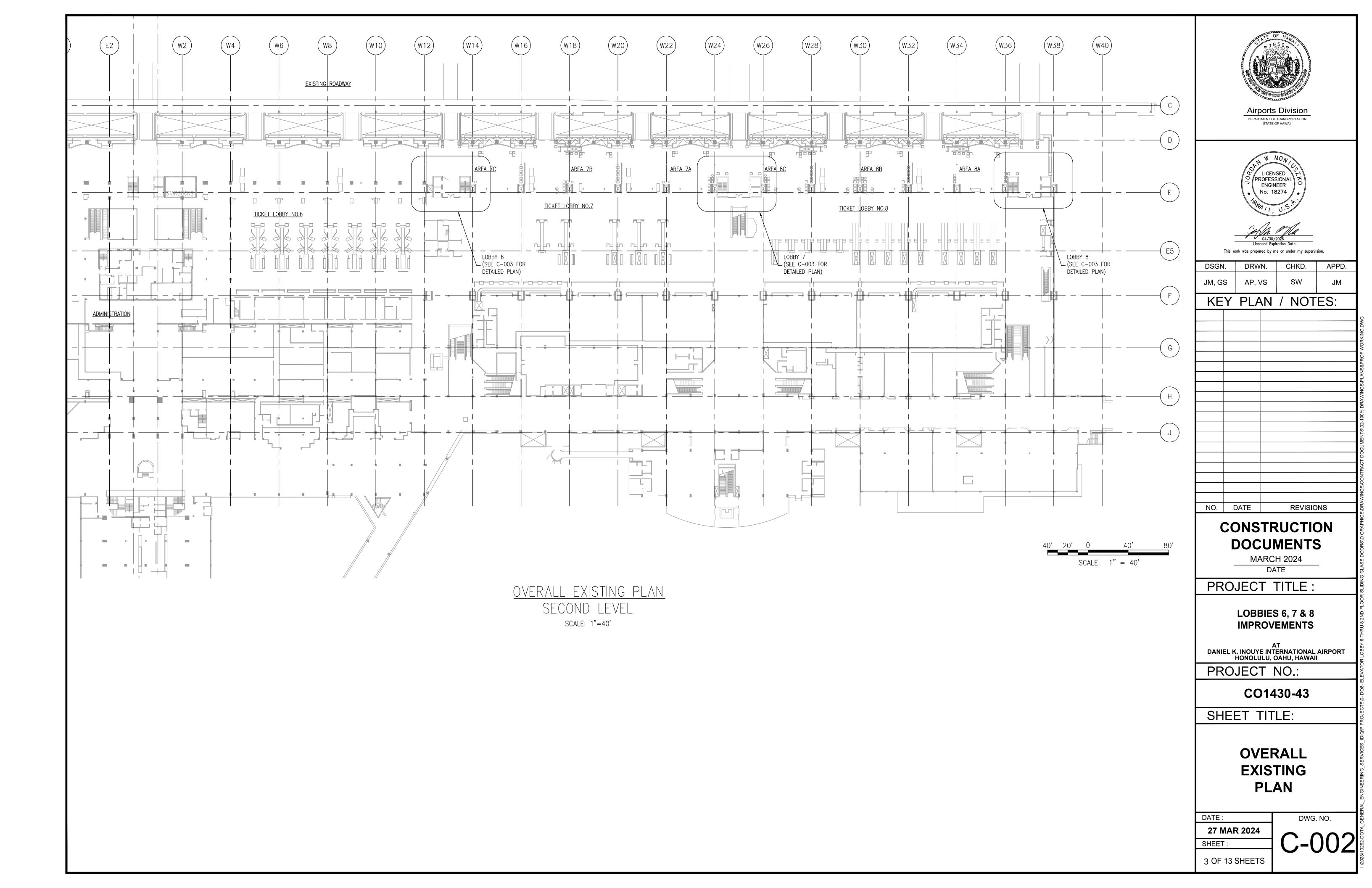
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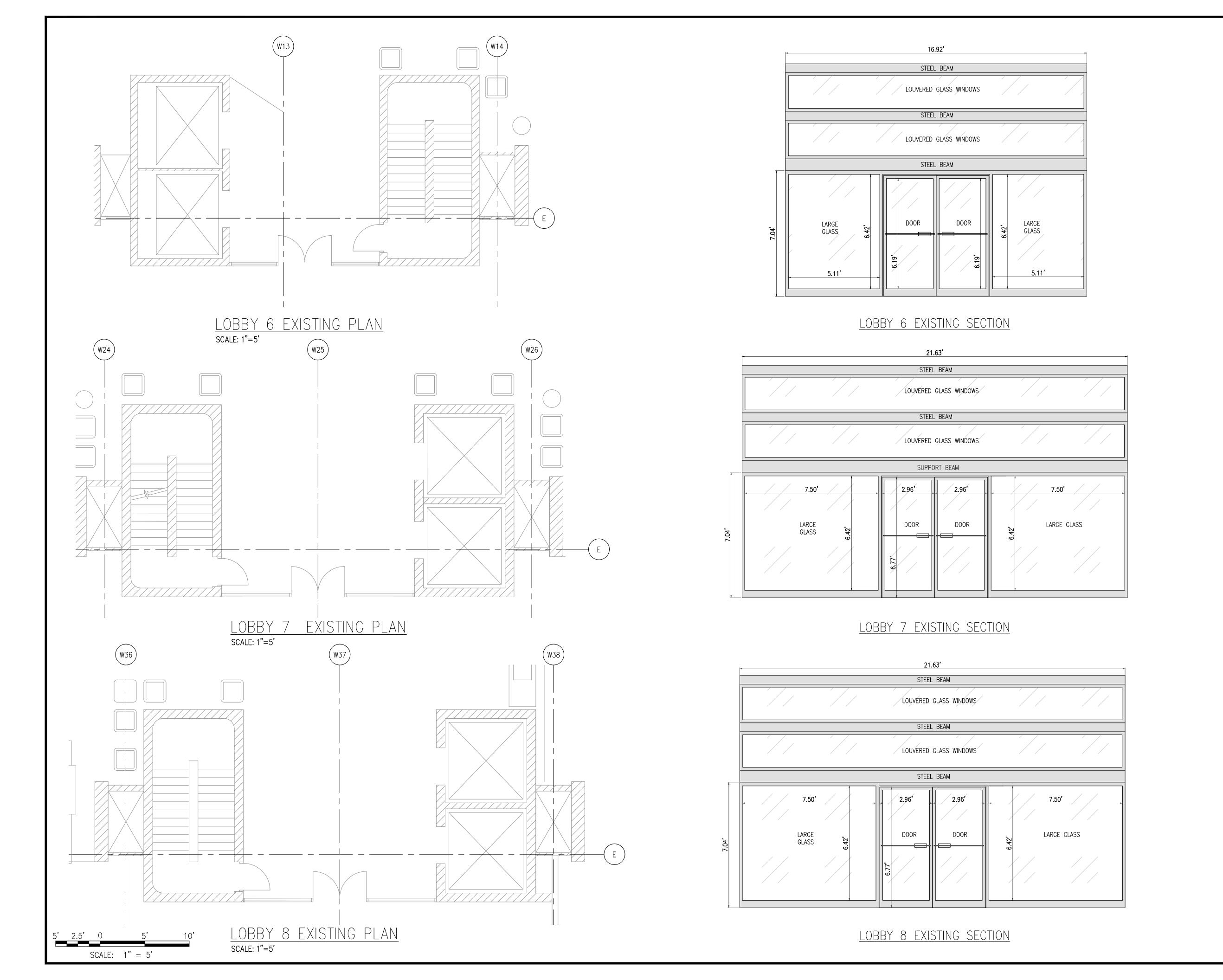
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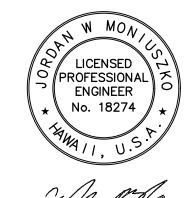
2 OF 13 SHEETS

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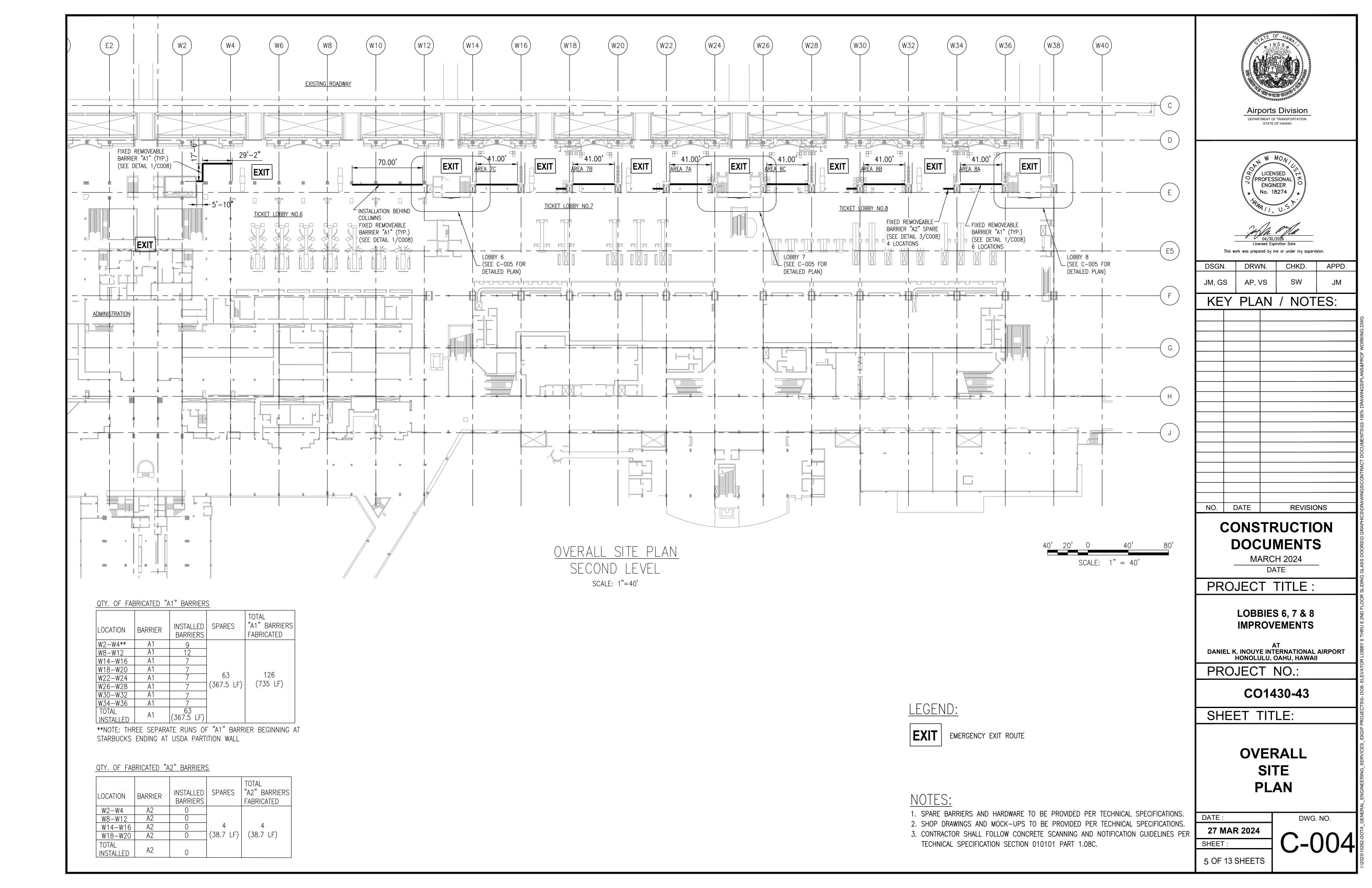
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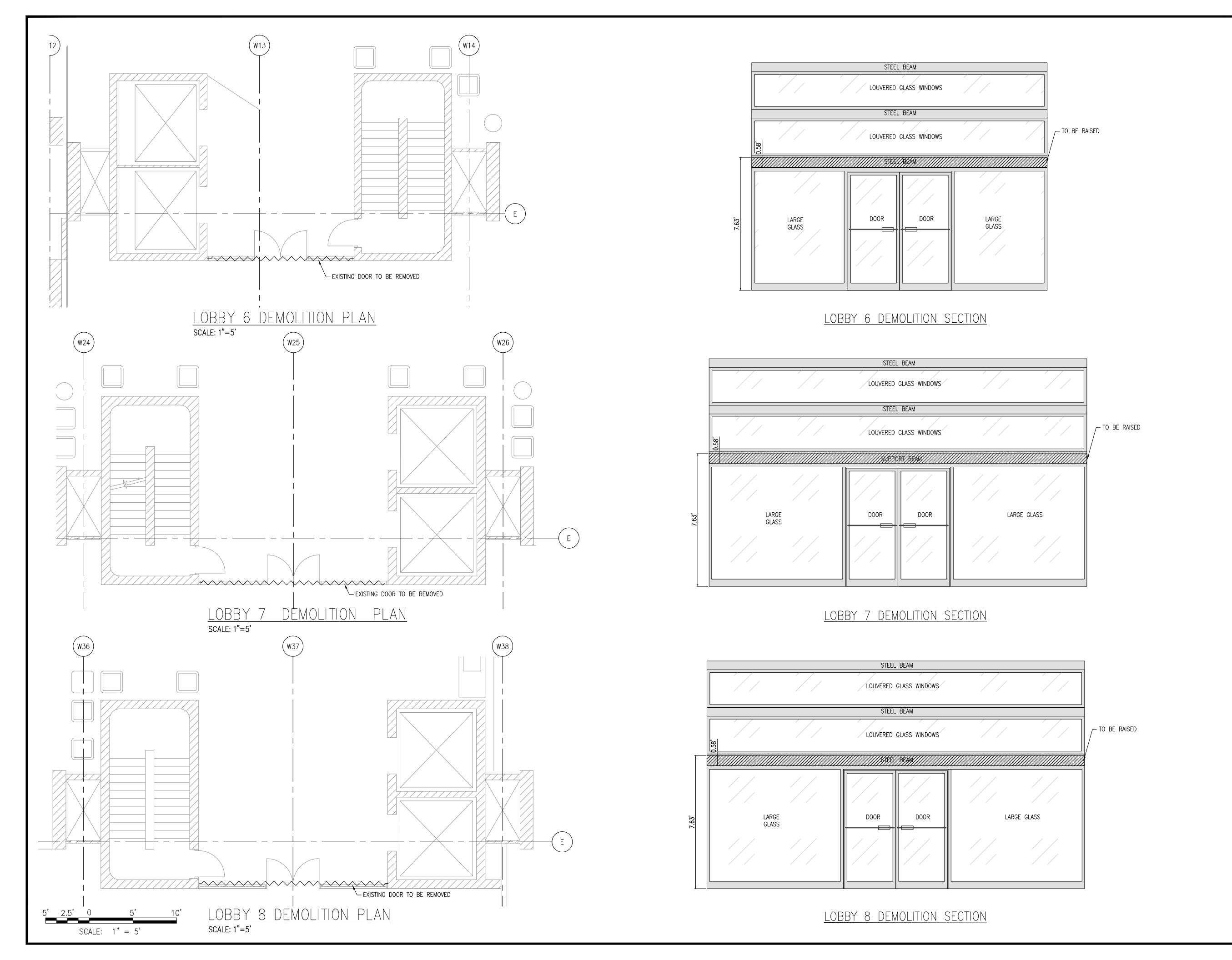
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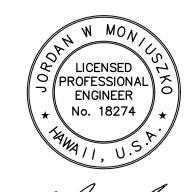
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4 OF 13 SHEETS









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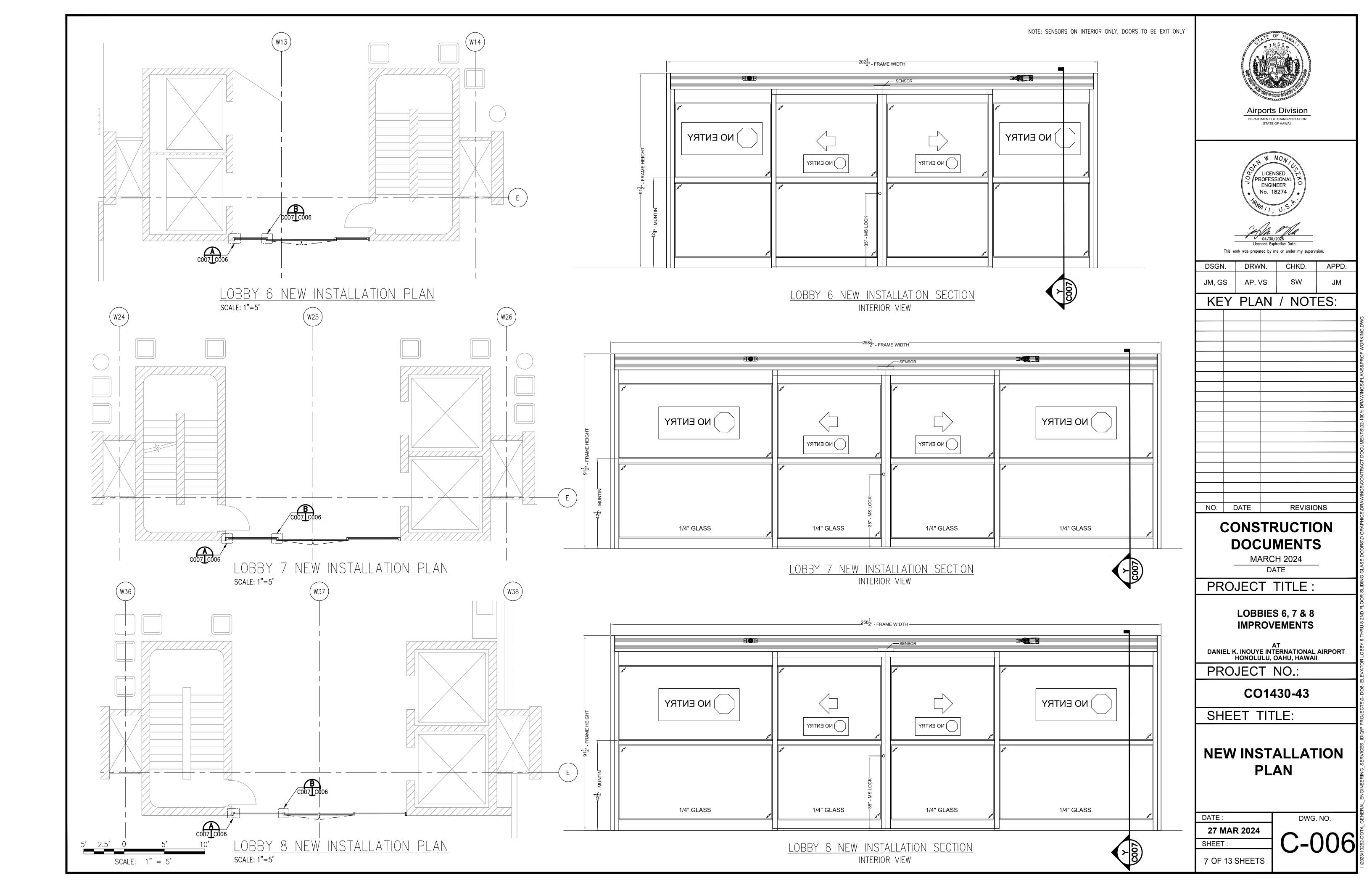
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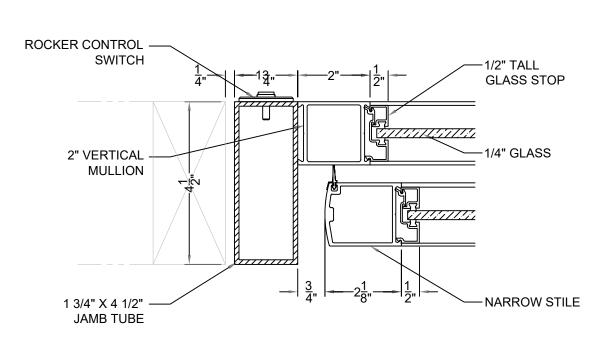
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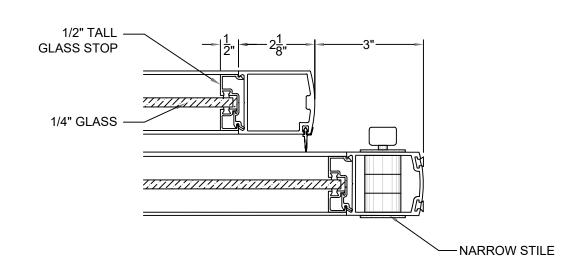
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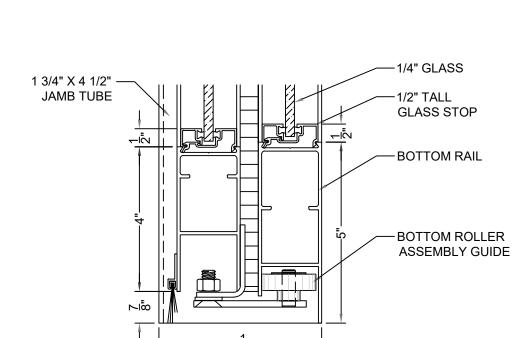




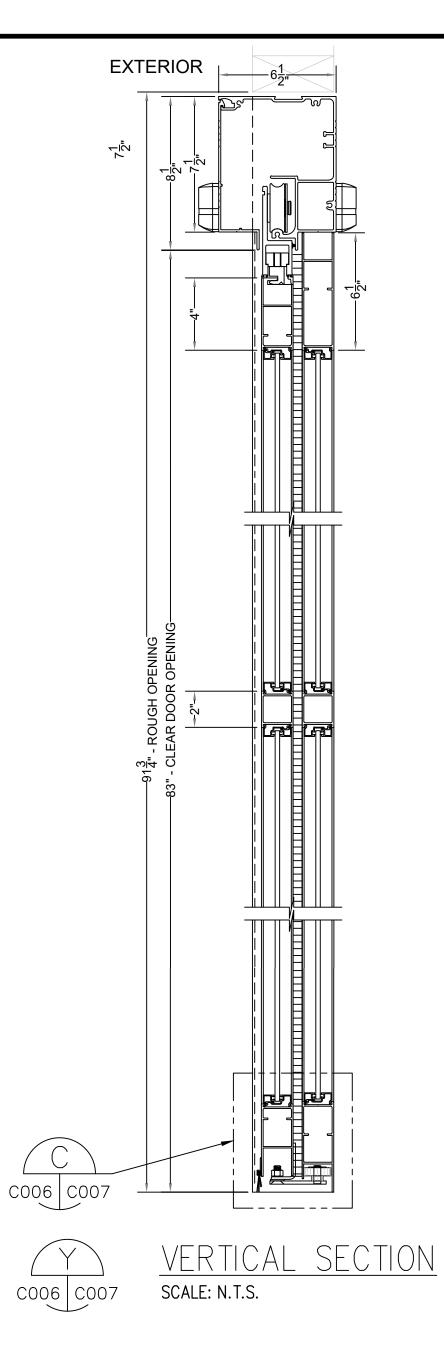




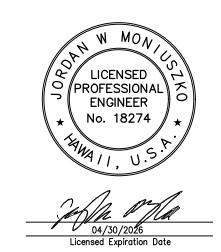




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JM, GS	AP, VS	SW	JM

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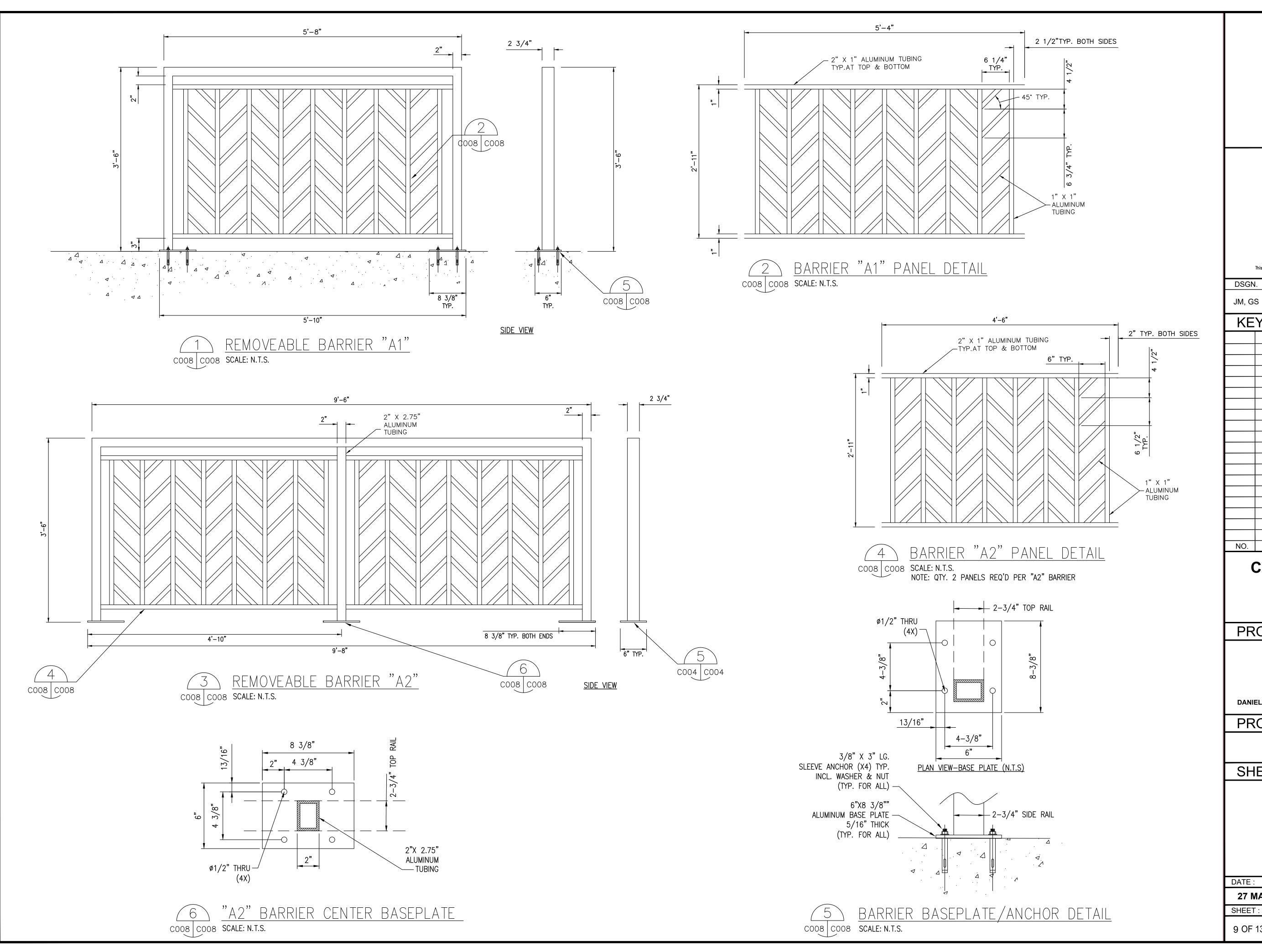
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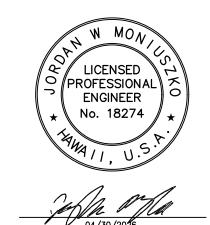
DETAILS

DATE : 27 MAR 2024 SHEET:

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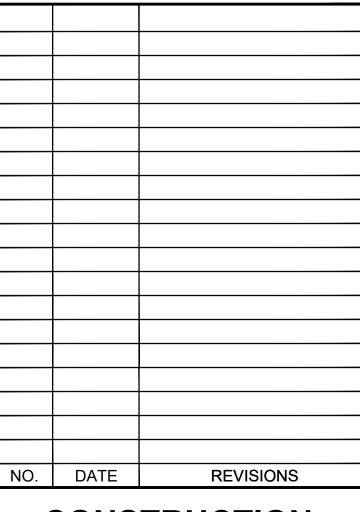


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DETAILS

DATE : **27 MAR 2024**

DWG. NO.

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ELECTRICAL NOTES

- INSTALLATION SHALL COMPLY WITH THE 2020 NATIONAL ELECTRICAL CODE, NFPA 72. LOCAL AMENDMENTS. AND NECA STANDARDS OF INSTALLATION.
- 2. CUT AND PATCH THE EXISTING CEILING AND WALLS AS REQUIRED TO INSTALL NEW BRANCH CIRCUITS. ANY PATCHES SHALL BE FINISHED TO MATCH THE EXISTING ADJACENT SURFACES. REPLACE ANY DAMAGED CEILING TILES AS REQUIRED.
- ALL CONDUCTORS INSTALLED IN EXTERIOR SPACES SHALL BE XHHW. INTERIOR WIRING MAY BE THHW/THHN.
- . CONDUCTORS SHALL BE #12 AWG COPPER MINIMUM OR AS INDICATED ON THE EQUIPMENT SCHEDULE. HOME RUN CONDUCTORS SHALL BE #10 AWG COPPER MINIMUM OR AS REQUIRED BY NEC. MINIMUM SIZE FOR 20A BRANCH CIRCUIT MEASURED FROM THE PANELBOARD TO THE FURTHEST DEVICE ON THE CIRCUIT **UNLESS NOTED ON DRAWINGS:**
 - A. 10 AWG CONDUCTORS FOR 120V BRANCH CIRCUITS GREATER THAN 75'. B. 8 AWG CONDUCTORS FOR 120V BRANCH CIRCUITS GREATER THAN 175'.
- TRANSITION TO #12 AWG WITHIN 15' OF DEVICE IF SMALL CONDUCTOR IS REQUIRED FOR DEVICE TERMINATION.
- 5. CONDUIT FOR INTERIOR LOCATIONS SHALL BE ELECTRICAL METALLIC TUBING (EMT) WHERE NOT SUBJECT TO DAMAGE. CONDUIT IN EXTERIOR LOCATIONS SHALL BE GALVANIZED RIGID STEEL (GRS) CONDUIT.
- CONTRACTOR SHALL PROVIDE AND INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL NEW CONDUITS.
- EXISTING EQUIPMENT INFORMATION SHOWN ON THESE DRAWINGS SHOULD BE FIELD VERIFIED. CONFIRM EQUIPMENT LOCATIONS WITH OWNER AND ADJUST AS REQUIRED.
- 8. ALL CONDUCTOR SIZES SHOWN ARE BASED ON COPPER.
- 9. MAINTAIN MINIMUM 6" CLEARANCE BETWEEN CONDUIT AND PIPING. MAINTAIN 12" CLEARANCE BETWEEN CONDUIT AND HEAT SOURCES SUCH AS FLUES, HEATING PIPES. AND HEATING APPLIANCES.
- 10.PROVIDE TYPED. UPDATED PANEL SCHEDULES FOR NEW PANELS AND PANELS WITH CIRCUIT MODIFICATIONS FROM THIS PROJECT.
- VERIFY CEILING TYPES THROUGHOUT: PROVIDE ALL MOUNTING ACCESSORIES. TRIM, FLANGES, OUTLET BOXES, ETC. FOR A COMPLETE AND FINISHED INSTALLATION.
- 12. ALL EQUIPMENT AND MATERIALS ARE UL LISTED WHERE LISTING IS AVAILABLE FOR THAT TYPE OF EQUIPMENT OR CONFORM TO ANSI OR NEMA STANDARDS.
- 13. WORKMANSHIP SHALL CONFORM TO CONSTRUCTION PRACTICES RECOMMENDED BY THE AMERICAN ELECTRICIANS HANDBOOK BY CROFT (LATEST EDITION) AND WILL BE SUBJECTED TO THE APPROVAL OF THE AGENCY THAT HAS JURISDICTION AND THE ENGINEER OF RECORD.
- 14. ALL METALLIC ENCLOSURES, RACEWAYS AND ELECTRICAL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH REQUIREMENTS OF NEC ARTICLE 250, WITH GROUND WIRE IN EVERY RACEWAY. RACEWAY SHALL BE SIZED IN ACCORDANCE WITH NEC TABLE 250-122.
- 15. TEST COMPLETED INSTALLATION AND CORRECT ALL DEFICIENCIES FOUND IN THE SYSTEM OR INSTALLATION.
- 16. ALL EXISTING CIRCUITS AFFECTED DURING ELECTRICAL INSTALLATION SHALL BE RESTORED TO THEIR ORIGINAL OPERATING CONDITION.
- 17. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO DEMOLITION. DIGGING. TRENCHING. OR SIMILAR OPERATIONS. COORDINATE WITH THE CONSTRUCTION MANAGER OR OWNERS REPRESENTATIVE TO REVIEW EACH WORK AREA PRIOR TO BEGINNING WORK.
- 18. ALL EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE FROM THE BEST AVAILABLE AS-BUILT DRAWINGS AND LIMITED SITE-SURVEY. CONTRACTOR SHALL FIELD VERIFY THE ACTUAL CONDITION BEFORE CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- 19.ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL RACEWAY AND CONNECTIONS BETWEEN RESPECTIVE DEVICES, FIXTURES, AND EQUIPMENT. CONTRACTOR TO DETERMINE EXACT ROUTING OF RACEWAY CONNECTIONS BETWEEN RESPECTIVE DEVICES, FIXTURES, AND EQUIPMENT. PROVIDE CIRCUIT IDENTIFICATION LABEL ON DEVICES, LIGHT SWITCHES, AND EQUIPMENT.
- 20.PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V BRANCH CIRCUIT
- 21. PROVIDE EXPANSION DEFLECTION COUPLINGS AT ALL BUILDING EXPANSION JOINTS.
- 22. COORDINATE ANY POWER OUTAGES WITH DOT-A PROJECT MANAGER.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL INSPECT THE PROJECT SITE BEFORE PROCEEDING WITH THE WORK AND SHALL NOTIFY AND COORDINATE WITH THE ENGINEER FOR ANY MAJOR DEVIATIONS OR DISCREPANCIES FROM THE PLANS DUE TO UNFORESEEN OR VARYING FIELD CONDITIONS.
- 2. THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE BUILDING CODE OF THE CITY & COUNTY OF HONOLULU, STATE DEPARTMENT OF HEALTH REGULATIONS, STATE OF HAWAII, TITLE 12, SUBTITLE 8, PART 10. THE CURRENT VERSION OF THE INTERNATIONAL BUILDING CODE, UNIFORM FIRE CODE. NFPA 13, NFPA 70, NFPA 72, NFPA 110, NATIONAL ELECTRICAL SAFETY CODE, OSHA, AND ALL OTHER AGENCIES HAVING JURISDICTION.
- 3. THE CONTRACTOR SHALL PROVIDE ALL MATERIAL AND EQUIPMENT INCLUDING CUTTING AND PATCHING AS REQUIRED FOR COMPLETE AND OPERATING SYSTEMS.
- 4. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO COVER THE COMPLETE INSTALLATION OF SYSTEMS TO FUNCTION AS DESCRIBED. THE OMISSION OF REFERENCE TO ANY NECESSARY ITEM OF LABOR OR MATERIAL SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING SUCH LABOR AND MATERIAL. DRAWINGS DO NOT ATTEMPT TO SHOW EXACT DETAILS OF PIPING. ARRANGE AND LOCATE PIPING TO MAINTAIN ADEQUATE CLEARANCES TO SERVICE EQUIPMENT. PROVIDE OFFSETS AS NECESSARY TO AVOID LOCAL OBSTRUCTIONS OR INTERFERENCES WITH OTHER TRADES. SHOULD PROJECT CONDITIONS REQUIRE REARRANGEMENT OF WORK, THE CONTRACTOR SHALL MARK SUCH CHANGES ON THE RECORD DRAWINGS. IF THESE CHANGES REQUIRE ALTERNATE METHODS TO THOSE APPROVED BY THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SUBMIT DRAWINGS SHOWING THE PROPOSED ALTERNATE METHODS TO THE ENGINEER. THE CONTRACTOR SHALL NOT PROCEED UNTIL APPROVAL IS OBTAINED.
- 5. PATCH AND PAINT ALL EXPOSED MATERIALS TO MATCH ADJACENT SURFACES OR AS INDICATED.
- 6. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER BEFORE MAKING ANY PENETRATIONS THROUGH STRUCTURAL MEMBERS. WALLS. AND SLABS.
- 7. ALL WORK SHALL BE COORDINATED WITH AIRPORT MANAGEMENT AND DONE IN ACCORDANCE WITH THE PHASING PLAN.
- 8. CONTRACTOR SHALL COMPLY WITH ALL OSHA AND EPA REGULATIONS AND REQUIREMENTS IN THE HANDLING OF ANY POTENTIALLY HAZARDOUS MATERIALS, INCLUDING ASBESTOS CONTAINING MATERIALS, LEAD-BASED PAINT AND FLUORESCENT LIGHT BULBS.
- 9. DRAWINGS DO NOT ATTEMPT TO SHOW EXACT DETAILS OF PIPING AND DUCTWORK. PROVIDE OFFSETS AS NECESSARY TO AVOID LOCAL OBSTRUCTIONS OR INTERFERENCE WITH OTHER TRADES. REVIEW ALL PIPING AND DUCT RUNS PRIOR TO FABRICATION AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY INTERFERENCE AND/OR LACK OF ADEQUATE CLEARANCES.
- 10. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS ON SITE AND IMMEDIATELY NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO START OF
- 11.PATCH ALL SURFACES AFFECTED BY DEMOLITION AND NEW WORK. FINISH TO MATCH EXISTING ADJACENT WALL AND/OR EXISTING CONDITIONS.
- 12. CAUTION SHALL BE EXERCISED SO THAT NO EXISTING AREAS TO REMAIN SHALL BE DAMAGED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECTIVE WORK REQUIRED TO RESTORE DAMAGE TO THE SITE LANDSCAPING AND STRUCTURE TO THE ORIGINAL CONDITIONS.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE JOB SITE IN A REASONABLY NEAT AND SAFE CONDITION. ALL WORK SHALL BE PERFORMED WITHIN THE PROPERTY. STORING OF MATERIALS AND EQUIPMENT SHALL BE COORDINATED WITH THE OWNER.
- 14. AT COMPLETION OF WORK THE CONTRACTOR SHALL REMOVE ALL RUBBISH FROM THE SITE AND LEAVE THE PREMISES CLEAN AND TO THE SATISFACTION OF THE OWNER.
- 15. THIS PROJECT CONFORMS TO THE LATEST ADOPTED BUILDING CODE REQUIREMENTS.
- 16. THE DEMOLITION DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF WORK AND DO NOT NECESSARILY SHOW EVERY DEVICE, THE CONTRACTOR SHALL FIELD VERIFY OTHER ELECTRICAL SERVICES THAT MAY BE ENCOUNTERED DURING DEMOLITION AND SHALL REMOVE OR REROUTE THESE ITEMS DIRECTED.
- 17. THE CONTRACTOR SHALL VERIFY PRIOR TO BEGINNING WORK THAT ELECTRICAL TRANSFORMER AND DISTRIBUTION SYSTEM ARE IN PROPER WORKING ORDER. ANY ELECTRICAL DEVICES FOUND TO BE IN A NON-WORKING CONDITION SHALL BE REPLACED OR REPAIRED AS NECESSARY.
- 18. REMOVE ALL UNUSED WIRING FROM DEMOLITION AREA, INCLUDING DISCONNECTED UNDER THIS CONTRACT AND WIRING UNCOVERED BY DEMOLITION.
- 19. MAINTAIN CIRCUIT CONTINUITY AS REQUIRED FOR ALL ELECTRICAL EQUIPMENT TO REMAIN, INCLUDING THOSE OUTSIDE OF PROJECT LIMITS. COORDINATE WITH NEW WORK AND RE-ROUTE CONDUIT AND WIRE AS REQUIRED TO AVOID CONFLICT WITH NEW WORK.
- 20.ALL MATERIALS REMOVED REMAIN THE PROPERTY OF THE STATE. IF THE STATE CHOOSES TO DISCARD THESE MATERIALS THEN THE CONTRACTOR SHALL DISPOSE OF THEM AS DIRECTED.
- 21.ALL NEW WORK SHALL BE CONCEALED ABOVE CEILING AND IN WALLS TO THE EXTENT POSSIBLE.

ELECTF	RICAL SYMBOL LIST (NOT ALL MAY BE USED)
SYMBOLS	DESCRIPTION
J	JUNCTION BOX, 4-11/16"SQ. X 2-1/8"D, CEILING MOUNTED
<u></u>	JUNCTION BOX, 4-11/16"SQ. X 2-1/8"D, WALL MOUNTED
	PANELBOARD, CABINET, OR AS NOTED
	DISCONNECT SWITCH, HEAVY DUTY TYPE HORSEPOWER RATED
J	JUNCTION BOX, LARGE. SIZE AS NOTED
Т	TRANSFORMER
//////	REMOVAL WORK
	EXISTING WORK
	RACEWAY AND CONDUCTORS - EXPOSED
	RACEWAY AND CONDUCTORS - CONCEALED
	RACEWAY AND CONDUCTORS - BELOW FLOOR OR GRADE
~~~~~~	FLEXIBLE RACEWAY AND CONDUCTORS. LIQUID TIGHT IN WET/DAMP LOCATIONS
	HOMERUN RACEWAY & WIRING, TO PANEL OR CABINET
	HATCH MARKS INDICATE NO. OF CURRENT CARRYING CONDUCTORS. NO HATCH MARK INDICATES TWO CURRENT CARRYING CONDUCTOR PLUS A GROUND WIRE.
E	EQUIPMENT CONNECTION
<u></u>	GROUND CONNECTION
1	NOTE INDICATOR, SEE NOTE "1" INDICATED.

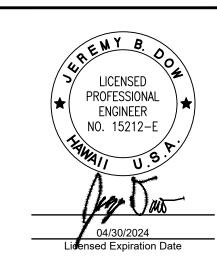
# **ABBREVIATIONS**

ABBREVIATI	ON DE	ESCRIPTION	ABBREVIATI	ON	DESCRIPTION	ABBREVIATI	ON	DESCRIPTION
AFG		NISHED GRADE INTERRUPTING	HECO	HAWAII COMPA	AN ELECTRIC NY	PFB	PROVI BREAK	SIONS FOR FUTURE
AIC  AMP, A  ATS  BKR  BKBD  BLDG  C  CKT  CPT  CT	AMPERE-ICAPACITY AMPERE AUTOMAT SWITCH BREAKER BACKBOA BUILDING CONDUIT CIRCUIT CONTROL TRANSFO CURRENT	INTERRUPTING  IC TRANSFER  RD  POWER PRMER TRANSFORMER	HECO HH HMMI HP HT HTR I/O JB; J-BOX KV KVA KW MIN MLO	COMPA HANDH HUMAN INTERF HORSE HEIGHT HEATEI INPUT - JUNCTI KILO-VO KILO-VO KILO-VO KILO-VO KILO-VO KILO-VO	NY OLE I - MACHINE ACE POWER - COUTPUT ON BOX OLT OLT AMPERE ATT(S)	PLC PNL PT RM SN SQ SURF SW SWGR S/S THK	BREAK PROGE CONTE PANEL POTEN ROOM SOLID SQUAF SURFA SWITC SWITC STAINI THICK	TER RAMMABLE LOGIC ROLLER  ITIAL TRANSFORMER  NEUTRAL RE ACE H HGEAR LESS STEEL 316
D DN DISC DIST EHH EMH EPM ENCL (E), EXIST FDR FLA GFI GRD GRS	ELECTRIC ELECTRIC METER ENCLOSU EXISTING FEEDER FULL LOA GROUND INTERRUE GROUND	ECT TION C HANDHOLE CAL MANHOLE CAL POWER  IRE D AMPS FAULT	MTD MTG (N) NEC NEMA N1 N3R N4X NO., # O.C.	MOUNT NEW NATION CODE NATION MANUF ASSOC NEMA 1 NEMA 3 NEMA 4 NUMBE ON CEN	TED TING  IAL ELECTRICAL  IAL ELECTRICAL  ACTURER'S IATION  BR EX R	TRANSF TYP UON V VT W WP XFMR Ø ' " & Ω	TYPICA UNLES NOTED VOLTA WIRE, WEATH TRANS PHASE FOOT,	S OTHERWISE  GE TRANSFORMER WIDE, WATTS HERPROOF FORMER

HIGH (DIM)



DEPARTMENT OF TRANSPORTATION STATE OF HAWAII



This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
JH	LS	JBD	JBD

# **KEY PLAN / NOTES:** NO. DATE **REVISIONS**

# CONSTRUCTION **DOCUMENTS**

**MARCH 2024** 

PROJECT TITLE: **LOBBIES 6, 7 & 8** 

DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII

**IMPROVEMENTS** 

PROJECT NO.:

CO1430-43

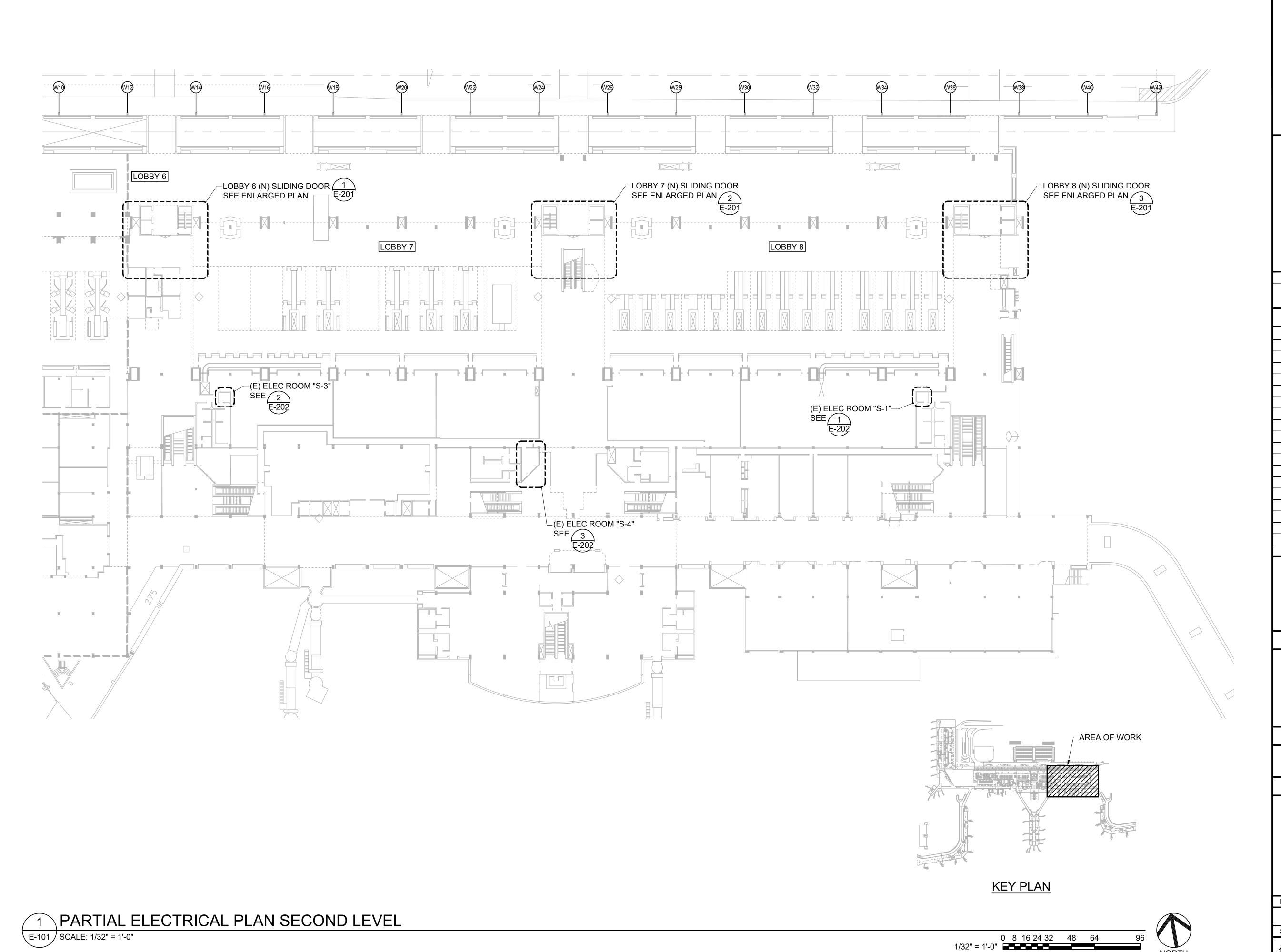
SHEET TITLE:

LEGEND, NOTES & **ABBREVIATIONS** 

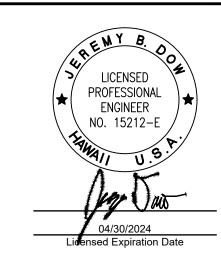
DATE: 27 MAR 2024 SHEET

10 OF 13 SHEETS

DWG. NO. E-001







DSGN. DRWN. CHKD.

# KEY PLAN / NOTES:

- \	· · —/	1117 1101 1101
NO.	DATE	REVISIONS

# CONSTRUCTION **DOCUMENTS**

MARCH 2024

PROJECT TITLE:

**LOBBIES 6, 7 & 8 IMPROVEMENTS** 

PROJECT NO.:

CO1430-43

SHEET TITLE:

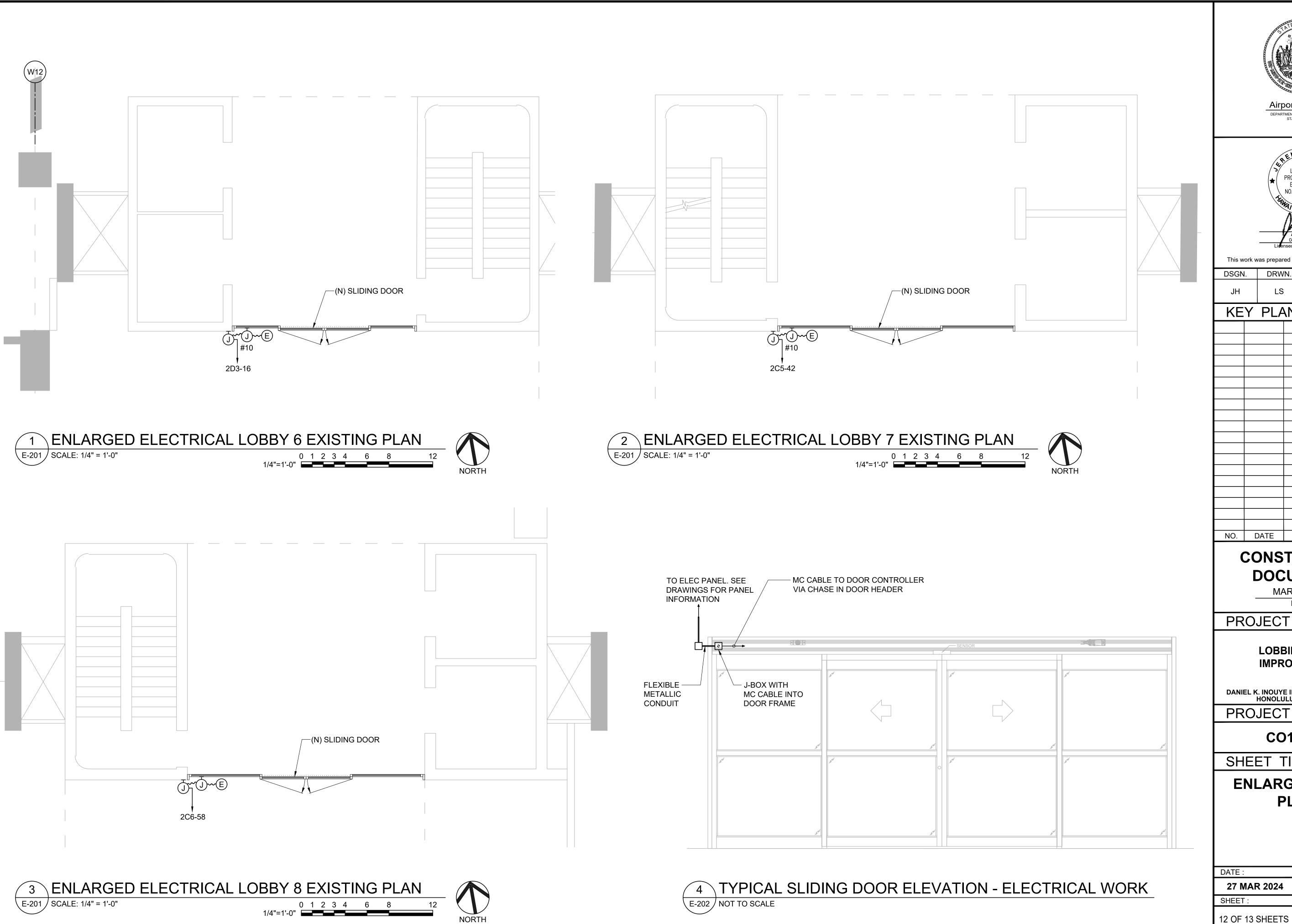
PARTIAL ELECTRICAL **PLAN SECOND LEVEL** 

DATE : 27 MAR 2024

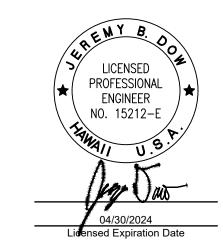
DWG. NO. E-101

SHEET: 11 OF 13 SHEETS

E-101 | SCALE: 1/32" = 1'-0"



Airports Division DEPARTMENT OF TRANSPORTATION STATE OF HAWAII



DRWN. CHKD. DSGN.

# KEY PLAN / NOTES:

# CONSTRUCTION **DOCUMENTS**

MARCH 2024

PROJECT TITLE:

**LOBBIES 6, 7 & 8 IMPROVEMENTS** 

AT DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII

PROJECT NO.:

CO1430-43

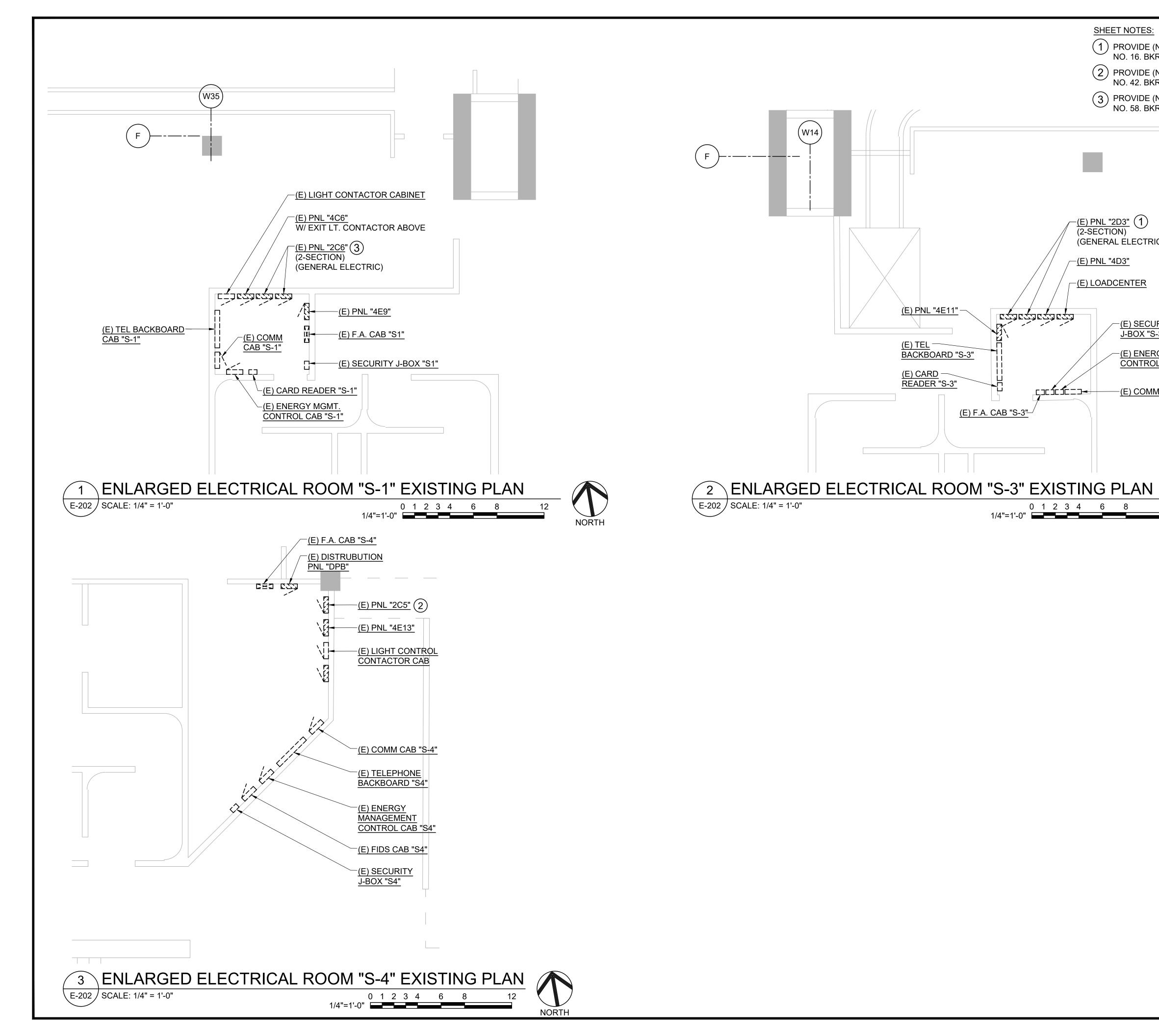
SHEET TITLE:

**ENLARGED LOBBY PLANS** 

27 MAR 2024

DWG. NO.

E-201



SHEET NOTES:

-<u>(E) PNL "2D3"</u> (1)

(GENERAL ELECTRIC)

(E) SECURITY

-(E) ENERGY MGMT

CONTROL CAB "S-3"

-<u>(E) COMM CAB</u> "S3"

J-BOX "S-3"

(2-SECTION)

0 1 2 3 4 6 8

(E) PNL "4E11" -

(E) TEL BACKBOARD "S-3"

(E) F.A. CAB "S-3"-

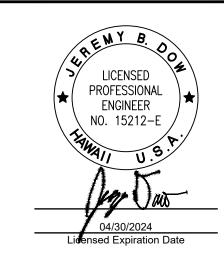
(E) CARD READER "S-3"

-(E) LOADCENTER

- 1 PROVIDE (N) 1P20A CIRCUIT BREAKER AT EXIST PFB CKT NO. 16. BKR RATING AND TYPE TO MATCH EXISTING.
- PROVIDE (N) 1P20A CIRCUIT BREAKER AT EXIST PFB CKT NO. 42. BKR RATING AND TYPE TO MATCH EXISTING.
- PROVIDE (N) 1P20A CIRCUIT BREAKER AT EXIST PFB CKT NO. 58. BKR RATING AND TYPE TO MATCH EXISTING.



**Airports Division** DEPARTMENT OF TRANSPORTATION STATE OF HAWAII



This work was prepared by me or under my supervision. DRWN. CHKD.

DSGN.

# **KEY PLAN / NOTES:**

# CONSTRUCTION **DOCUMENTS**

REVISIONS

MARCH 2024

PROJECT TITLE:

**LOBBIES 6, 7 & 8 IMPROVEMENTS** 

AT DANIEL K. INOUYE INTERNATIONAL AIRPORT HONOLULU, OAHU, HAWAII

PROJECT NO.:

NO. DATE

CO1430-43

SHEET TITLE:

**ENLARGED ELECTRICAL ROOM PLANS** 

DATE: 27 MAR 2024

E-202

DWG. NO.

13 OF 13 SHEETS