

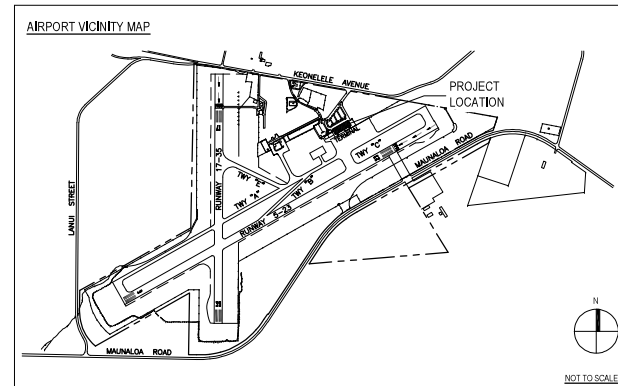
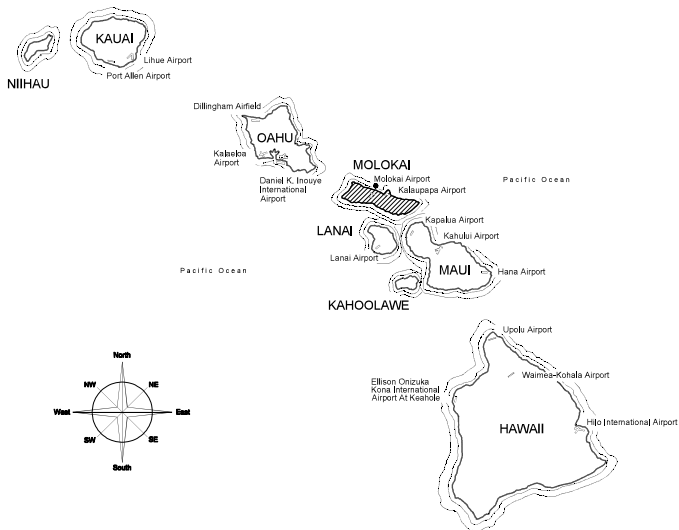
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS

PLANS FOR

MKK TERMINAL BUILDING ROOF REPLACEMENT

AT

MOLOKAI AIRPORT HOOLEHUA, MOLOKAI, HAWAII PROJECT NO. CM2521-33



PROJECT TEAM

ARCHITECTURAL:
KVA INC.
324 POUHANA STREET
HONOLULU, HI 96826
(808) 943-7770

STRUCTURAL:
SSFM INT'L INC.
501 SUMNER ST.
SUITE 203
HONOLULU, HI 96817
(808) 934-3333

MECHANICAL:
BOWERS + KUBOTA
3440S SACREDT
SUITE 201A
WAIKALUA, HI 96797
(808) 634-7737


ELECTRICAL:
ELECTECH HAWAII INC.
1100 WARD AVE.
SUITE 150
HONOLULU, HI 96814
(808) 924-1866


LYLE WANG
ARCHITECT


JIAN LING
STRUCTURAL ENGINEER


BRETT A. CHUN
MECHANICAL ENGINEER

CHRISTOPHER
ELECTRICAL ENGINEER


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS


LICENSED PROFESSIONAL ARCHITECT
No. 9887


LICENSED PROFESSIONAL ENGINEER
No. 101124
BRETT A. CHUN



LICENSED PROFESSIONAL ENGINEER
No. 4145-E
CHRISTOPHER

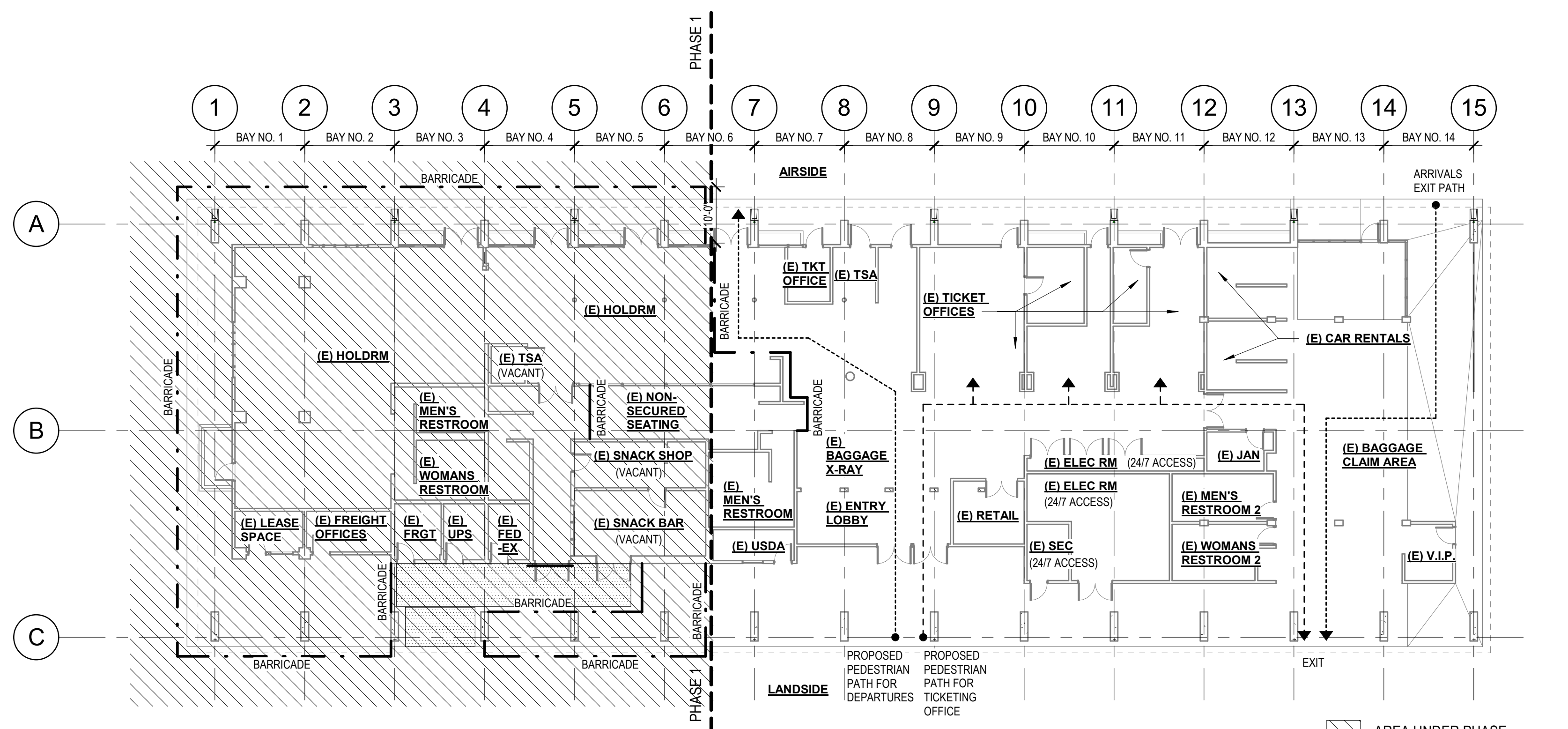
This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
RW	KL	DT	RW

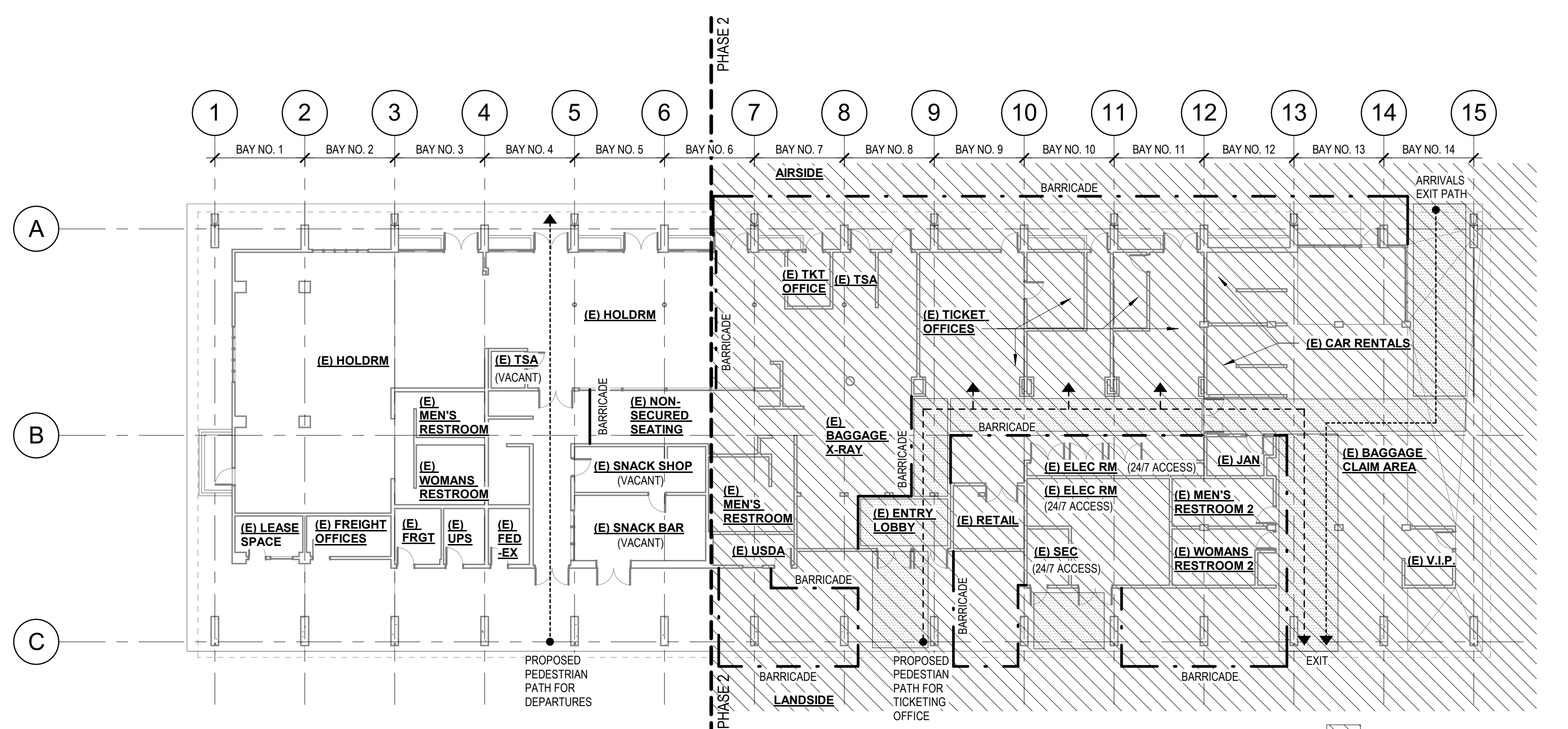
NO.	DATE	REVISIONS
CONSTRUCTION DOCUMENTS		
DEC 19, 2025 DATE		
PROJECT TITLE:		
MKK TERMINAL BUILDING ROOF REPLACEMENT		
AT MOLOKAI AIRPORT HOOLEHUA, MOLOKAI, HAWAII		
PROJECT NO.:		
CM2521-33		
SHEET TITLE:		
COVER SHEET, VICINITY MAP, PROJECT TEAM		
DATE	DWG. NO.	
DEC 19, 2025	G000	
SHEET		
1 OF 30 SHTS		

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

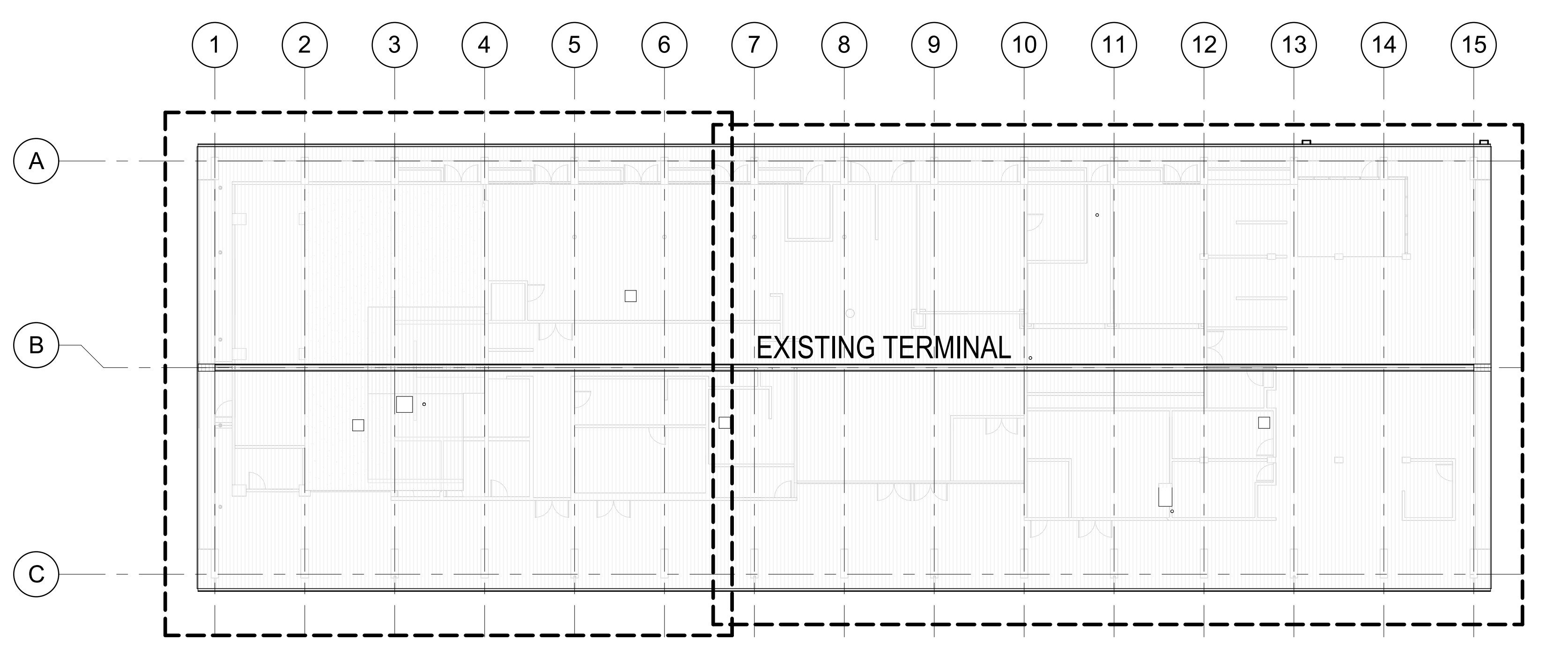
APPROVED:  05/04/2026
FOR DIRECTOR OF TRANSPORTATION DATE



PHASE 1



PHASE 2



PHASE 1

PHASE 2

2 PHASING PLAN
NTS

PHASING NOTES:

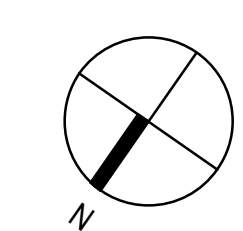
- THE PROJECT SHALL BE PHASED TO MAINTAIN AIRPORT AND AIRLINE OPERATIONS. CONSTRUCTION SHALL PROCEED ONE BAY AT A TIME. FOR EXAMPLE, THE CONTRACTOR SHALL COMPLETE BAY NO. 1 (BETWEEN GRID LINES 1 AND 2) INCLUDING DEMOLITION OF EXISTING ROOF AND INSTALLATION OF NEW ROOF BEFORE PROCEEDING TO THE NEXT BAY. CONTRACTOR SHALL PROVIDE TARP AND/OR OTHER BARRIERS TO PROTECT THE IMPROVEMENTS AND PROVIDE SAFETY FOR ADJACENT OCCUPIED SPACE BELOW WHILE THE ROOF IS REMOVED. THIS PHASING IS CONCEPTUAL IN NATURE AND IS NOT INTENDED TO ILLUSTRATE EVERY STEP OF CONSTRUCTION. EACH BAY SHALL BE FULLY COMPLETED AND INSPECTED PRIOR TO THE CONTRACTOR MOVING ON TO THE NEXT BAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING DETAILED CONSTRUCTION PHASING AND A COMPREHENSIVE PROJECT SCHEDULE. THE CONTRACTOR SHALL MEET THE STATE ENGINEER ON A WEEKLY BASIS AND SHALL PROVIDE A THREE-WEEK LOOK-AHEAD SCHEDULE OF CONSTRUCTION ACTIVITIES. THE STATE ENGINEER RESERVES THE RIGHT TO APPROVE OR REJECT ELEMENTS OF THE CONTRACTOR'S CONSTRUCTION PHASING PLAN. CONTRACTOR SHALL REVISE CONSTRUCTION PLAN AND SCHEDULE UNTIL ACCEPTED BY THE STATE ENGINEER.
- CERTAIN WORK, INCLUDING BUT NOT LIMITED TO UTILITY SHUT-DOWNS AND WORK OUTSIDE THE CONSTRUCTION FENCE LIMITS, SHALL BE PERFORMED AT NIGHT. NIGHT WORK SHALL BE PERFORMED BETWEEN THE HOURS OF 10:30 PM TO 5:00 AM. ANY WORK PERFORMED DURING HOLIDAYS MUST BE PRESENTED TO THE AIRPORT 3 WEEKS PRIOR APPROVAL.
- THIS IS AN OPERATING AIRPORT. THE CONTRACTOR SHALL CONDUCT ALL OPERATIONS IN A MANNER THAT WILL CAUSE NO INTERFERENCE WITH AIRPLANE TRAFFIC OR NORMAL OPERATION OF THE AIRPORT. IN ALL OPERATIONS, THE CONTRACTOR SHALL BE GOVERNED BY THE REGULATIONS AND RULES OF MOLOKAI AIRPORT, AND SHALL COOPERATE FULLY WITH THE STATE ENGINEER AND AIRPORT OPERATIONS.
- AIRPORT OPERATIONS WILL NOTIFY THE CONTRACTOR OF ANY UNSCHEDULED FLIGHTS THAT WILL BE ARRIVING OR DEPARTING. THE CONTRACTOR SHALL TEMPORARILY STOP WORK IN SPECIFIC AREAS THAT WOULD AFFECT THE FLIGHT AND PASSENGER OPERATIONS AT THE AIRPORT OR TERMINAL. WHEN THE OPERATIONS HAVE BEEN COMPLETED, AIRPORT OPERATIONS WILL NOTIFY THE CONTRACTOR TO RESUME THE WORK. NOTICE TO THE CONTRACTOR WILL BE ISSUED AT LEAST 1 HOUR PRIOR TO REQUIRED WORK STOPPAGE.
- ALL EQUIPMENT AND MATERIALS SHALL BE STORED OFF AIRPORT PROPERTY, OR IN DESIGNATED LAY-DOWN AREAS ON THE AIRPORT UNTIL THEY ARE TO BE USED IN THE WORK. EQUIPMENT AND MATERIALS LOCATED ON AIRPORT PROPERTY, BUT NOT BEING USED, SHALL BE LEFT AT LOCATIONS TO BE APPROVED BY THE STATE ENGINEER AND AIRPORT OPERATIONS. ALL OTHER OPERATIONS OF THE CONTRACTOR SHALL BE CONFINED TO THE AREAS SHOWN ON THESE DOCUMENTS, OR AUTHORIZED BY THE STATE ENGINEER.
- IF THE AIRPORT HAS OTHER CONSTRUCTION PROJECTS OCCURRING AT THE SAME TIME AS THIS PROJECT, THE CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS ON THE SITE AND SHALL CAUSE NO DISRUPTION TO ANY OF THE CONSTRUCTION WORK.
- THE CONTRACTOR SHALL ABIDE BY FAA ADVISORY CIRCULAR 150/5370-2E "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
- OUTLINE OF CONSTRUCTION BARRICADES ARE CONCEPTUAL IN NATURE. CONTRACTOR TO COORDINATE WITH THE AIRPORT AND STATE ENGINEER TO FINALIZE CONSTRUCTION BARRICADE LAYOUT.
- IN EACH PHASE, PROVIDE ADDITIONAL OVERHEAD PROTECTION WITHIN THE TERMINAL FOR AREAS OR PATHS THAT ARE TO REMAIN OPEN DURING CONSTRUCTION. THE PROPOSED PATHS ARE CONCEPTUAL IN NATURE. CONTRACTOR TO COORDINATE WITH THE AIRPORT AND STATE ENGINEER TO FINALIZE AREAS REQUIRING PROTECTION.

PHASE 1 SCOPE:

- CONTRACTOR MOBILIZATION AND ERECTING BARRICADES.
- STRUCTURE STEEL FRAMING REPAIRS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - REMOVE CORROSION FROM RIGID FRAME AND APPLY HIGH PERFORMANCE COATING.
 - REPLACE CORRODED STEEL Z-PURLINS AND X-BRACING.
 - REPLACE DAMAGED GABLE BRACING.
 - REPLACE METAL ROOF PANELS INCLUDING RIDGE VENTS, GUTTERS, AND DOWNSPOUTS.
 - REPLACE METAL LOUVERS AT GABLE END WITH METAL SIDING.

PHASE 2 SCOPE:

- COMPLETE STRUCTURE STEEL FRAMING REPAIRS INCLUDING REPLACING DAMAGED GABLE BRACING.
- REPLACE BALANCE OF METAL ROOF PANELS, GUTTERS, AND DOWNSPOUTS.
- REPLACE MECHANICAL EXHAUST FAN, INSTALL DUCT WORK EXTENSION, AND VENTS THROUGH ROOF.
- REPAIRS TO EXTERIOR CEILING SOFFITS.
- CONTRACTOR CLEANUP AND DEMOBILIZATION.



PROJECT DIRECTORY

CLIENT
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 AIRPORT DIVISION
 400 RODGERS BLVD., SUITE 700
 HONOLULU, HI 96819

ARCHITECT
KYA INC.
 934 PUMEHANA STREET
 HONOLULU, HI 96826

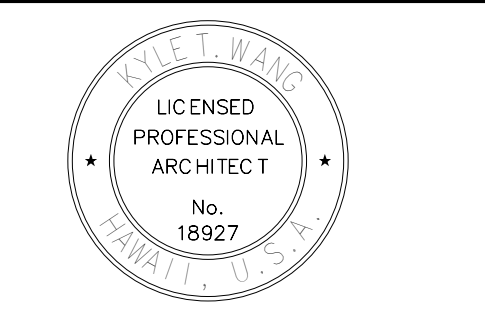
STRUCTURAL ENGINEER
SSFM INTERNATIONAL
 501 SUMNER STREET, SUITE 620
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MECHANICAL, PLUMBING & FIRE PROTECTION
BOWERS + KUBOTA CONSULTING
 94-408 AKOKI ST #201A
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ELECTECH HAWAII INC.
 1100 WARD AVE, SUITE 750
 HONOLULU, HI 96814



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 AIRPORTS



04/30/2026
 License Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
RW	KL	DT	RW

CODE SUMMARY

- PROJECT ADDRESS:
 MOLOKAI AIRPORT
 3980 AIRPORT LOOP
 HO'OLEHUA, HAWAII 96729
- TAX MAP KEY:
 (2) 5-2-004-106
- APPLICABLE CODES & ORDINANCES
 2018 INTERNATIONAL BUILDING CODE (IBC)
 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
 2018 UNIFORM PLUMBING CODE WITH COUNTY AMENDMENTS
 2017 NATIONAL ELECTRIC CODE
 2018 NFPA 1, FIRE CODE WITH STATE AMENDMENTS
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- PROJECT STATISTICS
 NON-SEPARATED OCCUPANCIES: COMPLY WITH MOST RESTRICTIVE OCCUPANCY. ONE-HOUR FIRE BARRIER REQUIRED AROUND STORAGE ROOMS GREATER THAN 100 SF.
 EXTERIOR STRUCTURE:
 CONSTRUCTION TYPE: IB
 FIRE SPRINKLERS REQUIRED. PROVIDED PER NFPA 13. NO WORK REQUIRED.
 AUTOMATIC FIRE ALARM IS REQUIRED. PROVIDED PER NFPA 72. NO WORK REQUIRED.
 STANDPIPES ARE NOT REQUIRED.
 OCCUPANT LOADS:
 AIRPORT TERMINAL: BAGGAGE HANDLING: 300 GROSS
 CONCOURSE: 100 GROSS
 WAITING AREAS: 15 GROSS
 OFFICE: 150 GROSS
 MERCANTILE: 60 GROSS
 EXIT WIDTH REQUIRED (STAIR WIDTH): 175"
 EXIT WIDTH PROVIDED (STAIR WIDTH): 239"
 EXIT TRAVEL DISTANCE: 250 FEET MAX ALLOWED.
 NO NEW PLUMBING FIXTURES REQUIRED.

NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS
 DEC 19, 2025
 DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT
 AT
 MOLOKAI AIRPORT
 HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

PROJECT DIRECTORY, CODE SUMMARY, PHASING PLAN

DATE:	DWG. NO.
DEC 19, 2025	G002
SHEET:	
3 OF 3 SHTS	

A. GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE COMPLETE PROJECT SYSTEMS AND COMPONENTS AND COMPLY WITH ALL REQUIREMENTS INDICATED ON THE PROJECT DOCUMENTS.
2. WORK WITHIN THE AREA BOUNDARIES INDICATED IN THE PROJECT DOCUMENTS, AND COMPLY WITH ALL APPLICABLE BUILDING CODE, REGULATION, & ORDINANCE REQUIREMENTS. OCCUPANTS ADJACENT TO THE PROJECT AREA BOUNDARIES SHALL CONTINUE UNINTERRUPTED OCCUPANCY DURING CONSTRUCTION OF THE PROJECT.
3. VERIFY FIELD CONDITIONS AND COORDINATION WITH THE PROJECT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK.
4. COORDINATE THE WORK WITH ALL REQUIREMENTS INDICATED IN THE PROJECT DOCUMENTS.
5. PERFORM THE WORK AT THE PROJECT SITE DURING HOURS INDICATED IN THE SPECIFICATIONS, UNLESS OTHERWISE NOTED.
6. COORDINATE THE WORK WITH EQUIPMENT, FURNISHINGS, AND SYSTEMS PROVIDED BY THE OWNER.
7. THE SIZES, LOCATION FOR MOUNTINGS AND ATTACHMENTS AND LOCATIONS OF UTILITY CONNECTIONS FOR EACH ITEM OF EQUIPMENT SHOWN ON THE DRAWINGS ARE FOR ILLUSTRATION ONLY. ALL CAN VARY FROM MANUFACTURER TO MANUFACTURER AND ARE DEPENDENT ON EXACT MANUFACTURER'S MODEL FURNISHED. THE CONTRACTOR SHALL PROVIDE AND COORDINATE EXACT DIMENSIONS RELATING TO THE SIZE OF EACH ITEM OF EQUIPMENT, THE LOCATIONS OF ALL MOUNTINGS AND ATTACHMENTS FOR EACH ITEM OF EQUIPMENT AND FOR ALL UTILITY CONNECTIONS TO EACH ITEM OF EQUIPMENT.
9. THE CONTRACTOR SHALL PROVIDE AND COORDINATE THE EXACT DIMENSIONS, SIZES AND POSITIONS OF ALL OPENINGS IN FLOOR AND WALL CONSTRUCTION NECESSARY FOR THE INSTALLATION OF THE WORK CONFIRM LOCATION WITH THE ARCHITECT PRIOR TO BEGINNING THE WORK.
10. THE CONTRACTOR SHALL VERIFY THAT ALL EMBEDDED ITEMS AND MATERIALS ARE IN PLACE AND SECURELY ANCHORED PRIOR TO POURING CONCRETE.
11. PENETRATIONS INTO AND THROUGH PARTITIONS CONTAINING SOUND INSULATION BATTS SHALL BE SEALED WITH PERMANENT RESILIENT SEALANT SPECIFIED FOR THAT PURPOSE. ELECTRICAL DEVICES, RECESSED CABINETS, ETC. SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ACOUSTICAL ASSEMBLY. ALL PENETRATIONS THROUGH MATERIALS PROVIDING FIRE PROTECTION SHALL BE SEALED TO MAINTAIN REQUIRED FIRE RATINGS.
12. ALL PIPING AND DUCT WORK, VALVES, DAMPERS, CONTROLS AND TERMINATIONS SHALL BE INSTALLED AT LOCATIONS WHICH PROVIDE SAFE, DIRECT AND EASY ACCESS. PROVIDE ACCESS DOORS AT WALLS AND CEILING FOR ACCESS WHERE REQUIRED WHETHER SHOWN ON THE DRAWINGS OR NOT WITH NO ADDITIONAL COST TO THE OWNER.
13. ALL ATTACHMENTS TO AND PENETRATIONS THROUGH CONCRETE NOTED ON THE DRAWINGS TO BE WATERPROOFED SHALL BE MADE PRIOR TO APPLICATION OF THE WATERPROOF MATERIAL.
14. PROVIDE LABELS ON DOORS, FRAMES AND OTHER ASSEMBLIES AT OPENINGS IN FIRE RATED CONSTRUCTION.
15. FIRE ALARM AND FIRE SPRINKLER SYSTEM SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY AUTHORITY HAVING JURISDICTION PRIOR TO ANY INSTALLATION.
16. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE COORDINATION OF THE VARIOUS TRADES PERFORMING THE WORK. CONTRACTOR SHALL SUBMIT FOR REVIEW COMPLETE, COMPOSITE COORDINATION SHOP DRAWINGS ILLUSTRATING THE EXTENT AND POSITION OF EACH COMPONENT OF THE WORK SO AS TO AVOID CONFLICT AND TO MAINTAIN REQUIRED SERVICE ACCESS AND CODE REQUIRED CLEARANCES. NO WORK SHALL BE PERFORMED UNTIL REFERENCED COORDINATION SHOP DRAWINGS HAVE BEEN REVIEWED WITH NO EXCEPTION TAKEN.
17. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR REVIEWED AND ACCEPTED BY BUILDING INSPECTOR.
18. THROUGH PENETRATION FIRE STOP SYSTEM" DETAILS ARE FOR REFERENCE ONLY. PENETRATION THROUGH FIRE-RATED FLOORS AND WALLS SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 712. SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE PROVIDED FOR REVIEW BY INSPECTION AUTHORITIES. SUBSTITUTIONS OF OR REVISIONS OR ADDITIONS TO APPROVED SYSTEMS SHALL BE SUBMITTED TO THE INSPECTOR OF RECORD AND OSHPD FOR FIELD REVIEW AND APPROVAL.
19. THE CONTRACTOR IS TO NOTIFY THE STATE ENGINEER IMMEDIATELY REGARDING ANY CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. FOR BIDDING PURPOSES, THE CONTRACTOR IS TO NOTE THE FOLLOWING: WHEN INFORMATION IS IN CONFLICT WITHIN OR BETWEEN THE DRAWING AND SPECIFICATIONS, THE CONTRACTOR IS TO ASSUME THE MOST STRINGENT CASE.
20. PRIOR TO START OF WORK, THE CONTRACTOR SHALL CAREFULLY INSPECT AND VERIFY ALL CONDITIONS SHOWN ON THE CONTRACT DRAWINGS. IF WORK CAN NOT BE PERFORMED AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE STATE ENGINEER IMMEDIATELY. WORK PERFORMED AFTER SUCH DISCOVERY UNLESS AUTHORIZED BY THE OWNER/ARCHITECT, SHALL BE DONE AT THE CONTRACTOR'S RISK.
21. THE CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITIES SERVING EXISTING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY THE STATE ENGINEER AND ALL AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING CONSTRUCTION ACTIVITIES ACCEPTABLE TO OWNER AND GOVERNING AUTHORITIES.
22. THE WORK SHALL INCLUDE ALL REMOVALS NOT SPECIFICALLY INDICATED ON DRAWINGS BUT NECESSARY FOR THE COMPLETION OF THE WORK.
23. THE CONTRACTOR SHALL COORDINATE AND PERFORM THE WORK FOR ANY AND ALL REQUIREMENTS FOR OFF SITE IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO SIDEWALKS, DRIVEWAYS, CURBS, GUTTERS, UTILITIES, ETC. OFF-SITE IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
24. THE CONTRACTOR SHALL KEEP ALL EXITS READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
25. DRAWINGS WHICH SHOW LISTED CONSTRUCTION HAVE BEEN DETAILED IN COMPLIANCE WITH UNDERWRITERS LABORATORIES (UL), WARNOCK HERSEY AND/OR OTHER RECOGNIZED TESTING LABORATORY LISTING REQUIREMENTS AND WITH ICBO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTE MATERIAL IS PROPOSED BY THE CONTRACTOR, THE SUBSTITUTION SHALL CONFORM TO THE REQUIREMENTS IN THE SPECIFICATION.
26. ALL WOOD USED FOR BLOCKING, NAILERS AND/OR FRAMING USED FOR PERMANENT CONSTRUCTION SHALL BE FIRE RETARDANT PRESSURE TREATED AND SHALL BEAR AN APPROVED INSPECTION AGENCY LABEL.
27. INTERIOR WALL FINISHES SHALL BE SMOOTH, WASHABLE AND DURABLE. ROUGH TEXTURED SURFACES ARE PROHIBITED.
28. ALL DETAILS SHOWN ON DRAWINGS ARE TO BE APPLIED, WHETHER CALLED OUT OR NOT, IN CASE OF A CONFLICT, THE 'G' SERIES IS TO GOVERN. NOTIFY THE STATE ENGINEER BEFORE PROCEEDING WITH THE WORK IN CASE OF A CONFLICT.
29. FLOOR FINISHES SHALL BE SMOOTH, WATERPROOF AND DURABLE. SAMPLES SHALL BE MAINTAINED ON SITE FOR REFERENCE.
30. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
31. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER-OPERATED, PUSH TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS.
32. PROVIDE FIRE EXTINGUISHERS PER NFPA 10 AND 99. WHERE FIRE EXTINGUISHER CABINETS AND/OR ANY OTHER EQUIPMENT ARE RECESSED IN PARTITIONS OF FIRE RATED CONSTRUCTION, THE CONTRACTOR SHALL MODIFY THE PARTITION AS REQUIRED TO PROVIDE CONTINUOUS ENCLOSURE TO INSURE UNINTERRUPTED FIRE RATING.
33. THE CONTRACTOR SHALL MAINTAIN PROPER ACCESS FOR FIRE DEPARTMENT VEHICLES AND EQUIPMENT AT ALL TIMES. ANY CHANGES MADE TO FIRE DEPARTMENT ACCESS ROUTES SHALL BE REVIEWED AND APPROVED BY FIRE DEPARTMENT AUTHORITIES HAVING JURISDICTION PRIOR TO CHANGING ACCESS ROUTING.

34. AIRPORT OPERATIONS SHALL BE KEPT IN FULL OPERATION THROUGHOUT THE CONSTRUCTION PERIOD. ANY WORK THAT WILL DISRUPT OPERATIONS SHALL BE COORDINATED WITH THE STATE ENGINEER. NOISY WORK, ACTIVITIES CAUSING VIBRATION AND/OR SIMILAR DISRUPTIVE ACTIONS SHALL BE SCHEDULED AT TIMES ACCEPTABLE TO THE STATE ENGINEER.

ANY NIGHT WORK MUST BE ACCEPTED AND COORDINATED WITH THE STATE ENGINEER AND AIRPORT MANAGER, AND BE IN COMPLIANCE WITH STATE AND LOCAL AUTHORITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING:
 - A. ADHERE TO LOCAL RESTRICTIONS OR REGULATIONS DURING NIGHT WORK.
 - B. OUTLINE AND FOLLOW SAFETY PROTOCOLS AND MEASURES TO ENSURE THE SAFETY OF WORKERS AND THE PUBLIC DURING NIGHT WORK.
 - C. INCLUDE A PLAN FOR EMERGENCY RESPONSE IN CASE OF ACCIDENTS OR EMERGENCIES.
 - D. IMPLEMENT VISIBILITY MEASURES, SUCH AS ADEQUATE LIGHTING AND REFLECTIVE GEAR.
 - E. CONFIRM THAT THE PROJECT COMPLIES WITH THE LATEST INDUSTRY STANDARDS AND REGULATIONS FOR NIGHT WORK.
35. THE CONTRACTOR SHALL PROVIDE SOUND, DUST AND SIGHT BARRIERS AS REQUIRED AND DESCRIBED IN THE SPECIFICATIONS TO PROTECT THE EXISTING TERMINAL DURING CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXTENT AND LOCATION OF THESE BARRIERS TO LIMIT THE PASSAGE OF DUST AND NOISE TO THE EXISTING TERMINAL.
36. IN AREAS REQUIRING REMODELING, THE USE OF 'VISQUEEN' OR SIMILAR TYPE OF MATERIAL AS TEMPORARY CONSTRUCTION BARRIER IS NOT PERMITTED. TEMPORARY CONSTRUCTION BARRIERS SHALL MEET THE SAME FIRE RATING AS THE PERMANENT PARTITION.
37. ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400# AND SUPPORTED DIRECTLY ON THE FLOOR OR ROOF STRUCTURE, FURNITURE OR TEMPORARY OR MOVABLE EQUIPMENT AND EQUIPMENT WEIGHING LESS THAN 20# THAT IS SUPPORTED BY VIBRATION ISOLATION DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR NEED NOT BE DETAILED ON THE PLANS (CBC TITLE 24 PART 1, SECTIONS 7-125(i)(2)(L)). MUST BE SUPPORTED AND ANCHORED TO RESIST THE FORCES PRESCRIBED BY CBC CH 16A AND THE ANCHORAGE SHALL BE APPROVED BY THE APPROPRIATE INSPECTIONS. THE INSPECTOR OF RECORD SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.
38. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, DETAILS AND (EXISTING) CONDITIONS OF THE PROJECT. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR THE RESOLUTION PRIOR TO FABRICATIONS INSTALLATION OF AFFECTED BUILDING COMPONENTS.
39. WHERE LOCAL AND COUNTY CODES ARE MORE RESTRICTIVE THAN IBC 2018 REQUIREMENTS THE LOCAL CODES WILL BE ENFORCED BY THE BUILDING INSPECTOR.
40. ALL CHANGE ORDERS AND/OR ADDITIONS TO THE WORK MUST BE APPROVED BY THE STATE ENGINEER PRIOR TO CONSTRUCTION.
41. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCEMENT CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED) LOCATE THE PRESTRESSED TENDONS BY A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
42. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH TSA INSPECTIONS AS REQUIRED BY THE TRANSPORTATION SECURITY ADMINISTRATION (TSA).
43. CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF EQUIPMENT AND/OR FURNISHING AS REQUIRED BY TSA FROM EXISTING SECURITY SCREENING CHECKPOINT. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES TO THE EQUIPMENT DURING STORAGE AND RELOCATION. PROVIDE QUALITY INSPECTION PRIOR TO REMOVAL OF EQUIPMENT TO ASSESS EQUIPMENT CONDITION WITH TSA PRESENT AND NOTE EXISTING DAMAGE.
44. CONTRACTOR TO MAINTAIN AT ALL TIMES DESIGNATED CLEAR PATH FOR EMERGENCY VEHICLES TO ACCESS AIRFIELD.

B. DEFINITIONS:

1. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR SHALL APPLY THIS DETAIL TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE. WHEN A NOTE IS IDENTIFIED AS TYPICAL (TYP), THE CONTRACTOR SHALL APPLY THIS NOTE TO EVERY LIKE CONDITION (REPRESENTED GRAPHICALLY OR NOT) WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
2. "SIMILAR" INDICATES COMPLETE SYSTEM AND COMPONENTS SHALL BE PROVIDED COMPARABLE TO THE CHARACTERISTICS FOR THE CONDITION NOTED.
3. "AS REQUIRED" INDICATES COMPONENTS REQUIRED TO COMPLETE THE NOTED, SYSTEM AS INDICATED IN THE PROJECT DOCUMENTS, SHALL BE PROVIDED.
4. "ALIGN" INDICATES ACCURATELY PROVIDE FINISH FACES OF MATERIALS IN STRAIGHT, TRUE, AND PLUMB RELATION TO ADJACENT MATERIALS.

C. DIMENSIONS:

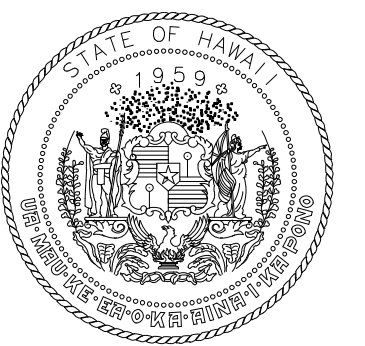
1. DIMENSIONS ARE INDICATED TO THE CENTERLINE OF THE STRUCTURAL GRID, FACE OF CONCRETE WALL, NOMINAL FACE OF CMU WALL, FACE OF PARTITION FINISH, UON
2. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:
 - A. MIN DIMENSIONS FOR ACCESSIBILITY CLEARANCE & BUILDING CODE REQUIREMENT
 - B. LARGE SCALE DETAILS
 - C. SMALL SCALE DETAILS
 - D. ENLARGED VIEWS
 - E. FLOOR PLANS AND ELEVATIONS
3. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.
4. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR - 'AFF'.
5. CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED.
6. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

D. DRAWING SET ORGANIZATION:

1. EACH DRAWING SET SHEET IS IDENTIFIED BY THE SHEET NUMBER IN THE LOWER RIGHT HAND CORNER OF THE DRAWING TITLE BLOCK. THE SHEET TITLE PROVIDES A GENERAL DESCRIPTION OF THE CONTENTS OF THE SHEET.

SHEET NUMBER EXAMPLE: A201
"A" INDICATES THE DISCIPLINE THAT CREATED THE DRAWING
"2" INDICATES THE DRAWING CATEGORY CONTAINED ON THE SHEET
"01" INDICATES THE SHEET NUMBER
2. DRAWING SET INDEX INDICATES THE COMPLETE LIST OF SHEETS CONTAINED IN THE DRAWING SET, INDEXED BY DISCIPLINE, SHEET NUMBER AND SHEET TITLE, IN SEQUENTIAL ORDER. NOTE THAT ALL SEQUENTIAL SHEET NUMBERS MAY BE NOT USED IN THE DRAWING SET.
3. DISCIPLINE IDENTIFICATION, IN ORDER BOUND IN THE DRAWING SET. REFER TO THE DRAWING SET INDEX FOR DISCIPLINE CONTAINED IN THIS DRAWING SET.

G GENERAL INFORMATION
A ARCHITECTURAL
S STRUCTURAL
M MECHANICAL
E ELECTRICAL
4. DRAWING CATEGORY IDENTIFICATION. REFER TO THE DRAWING SET INDEX FOR DISCIPLINES, CATEGORIES, AND SHEET NUMBERS CONTAINED IN THIS DRAWING SET.



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RW	KL	DT	RW

NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT
AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

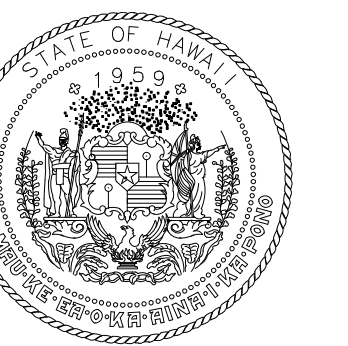
PROJECT NO.:

CM2521-33

SHEET TITLE:

GENERAL NOTES

DATE:	DWG. NO.
DEC 19, 2025	G003
SHEET:	
4 OF 30 SHTS	



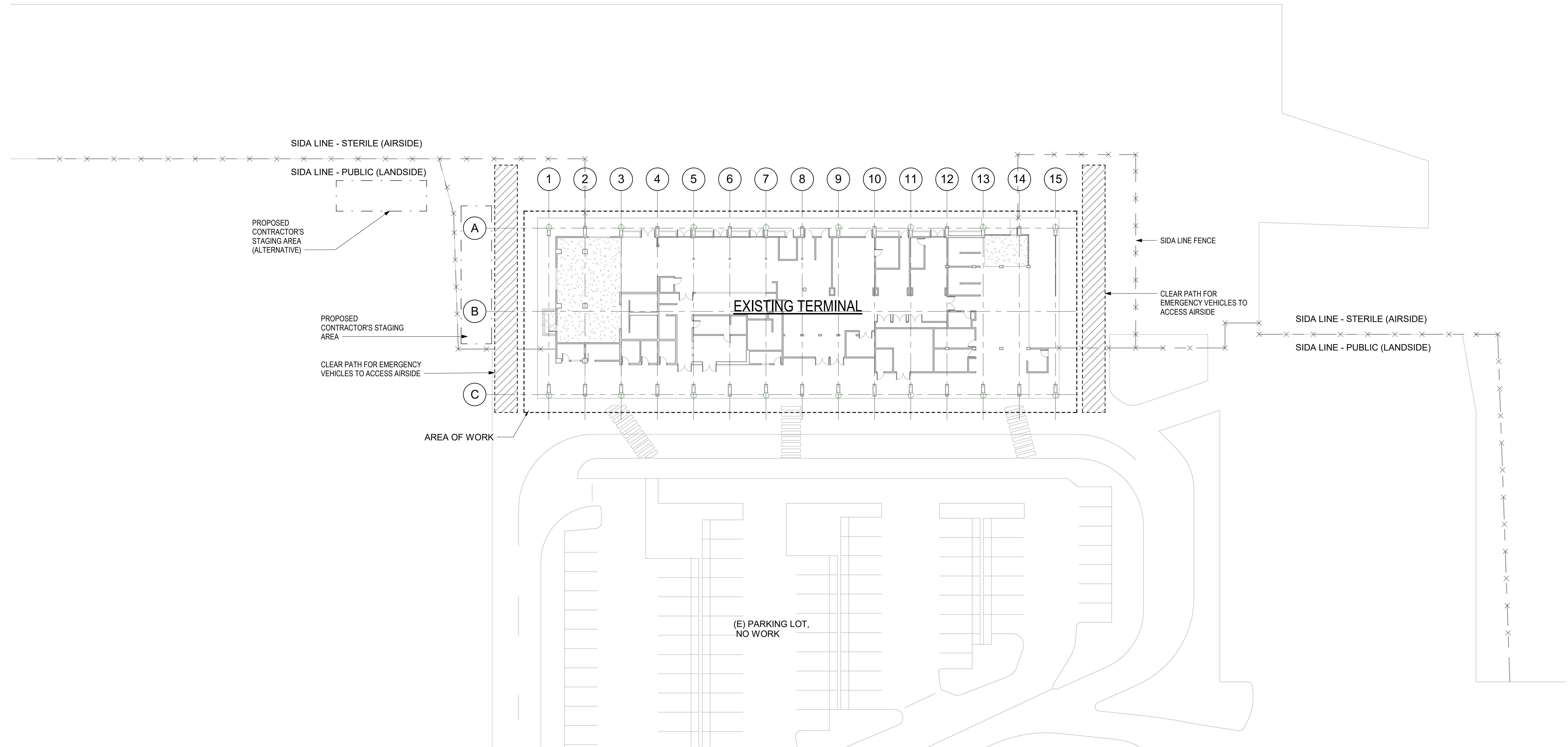
STATE OF HAWAII
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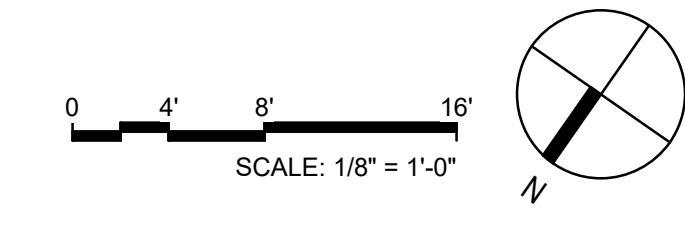
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1 SITE PLAN
1" = 20'-0"



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CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

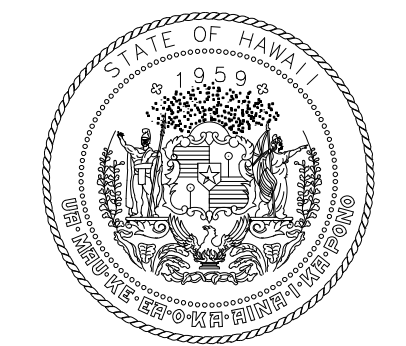
PROJECT NO.:

CM2521-33

SHEET TITLE:

SITE PLAN

DATE:	DWG. NO.
DEC 19, 2025	A100
SHEET:	
5 OF 30 SHTS	



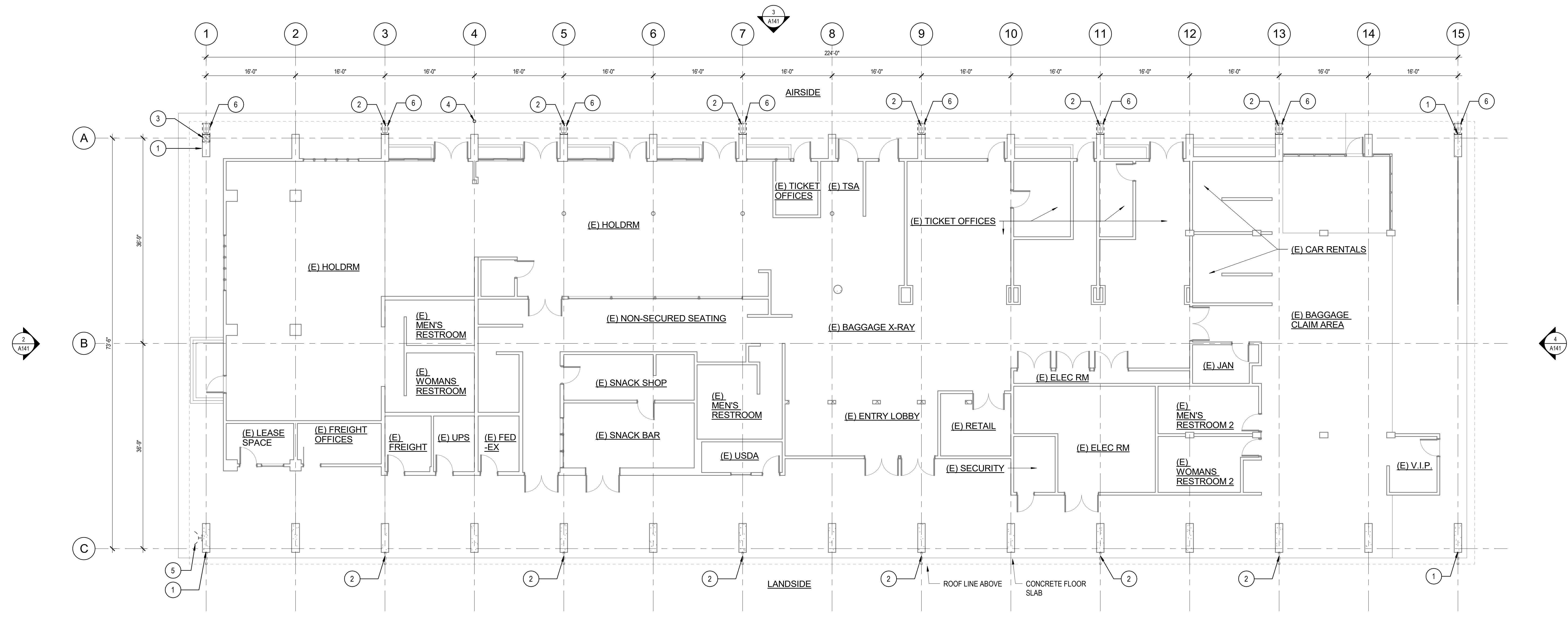
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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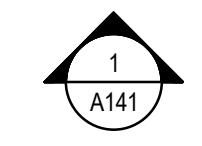
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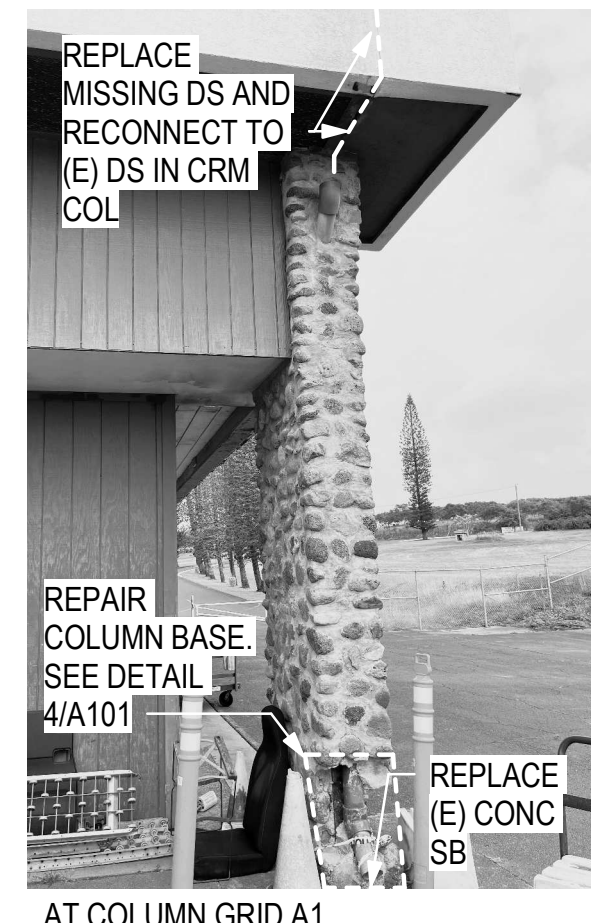
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RW	KL	DT	RW



1 DEMOLITION FLOOR PLAN - GROUND LEVEL
1/8" = 1'-0"



AT COLUMN GRID A15



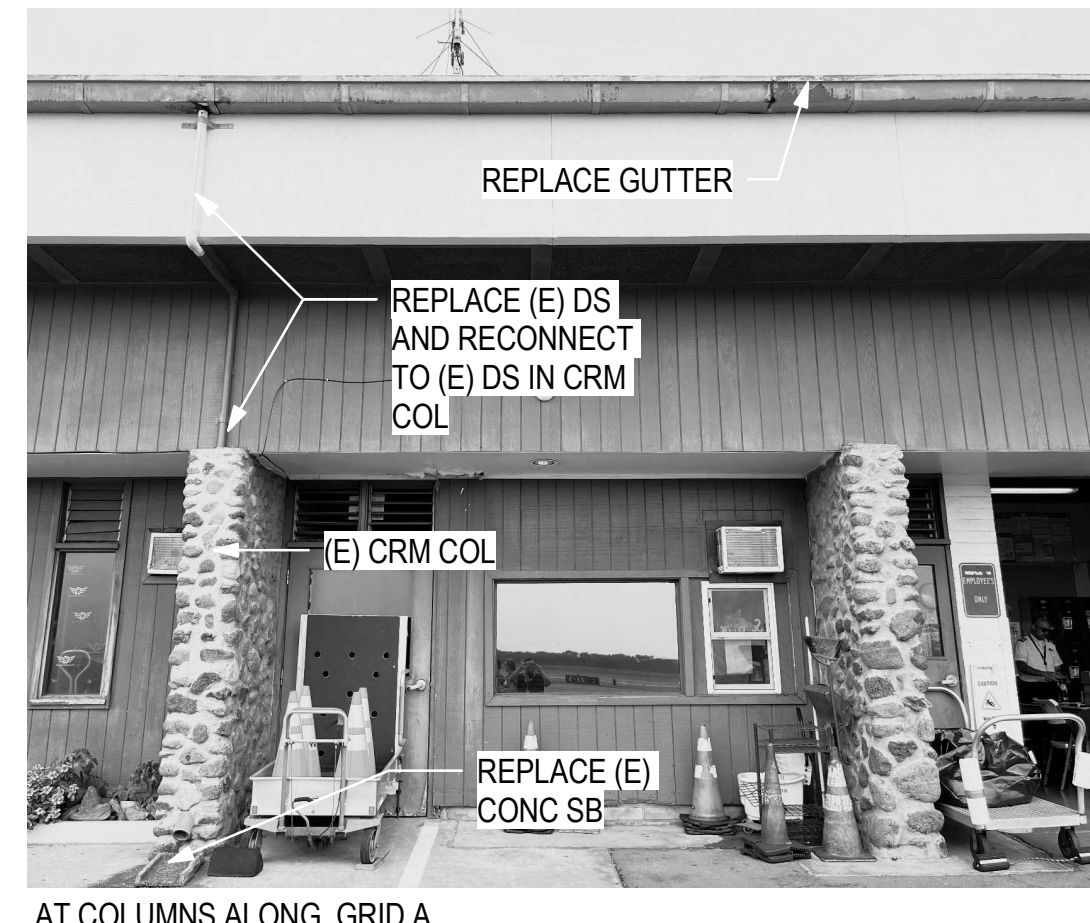
AT COLUMN GRID A1



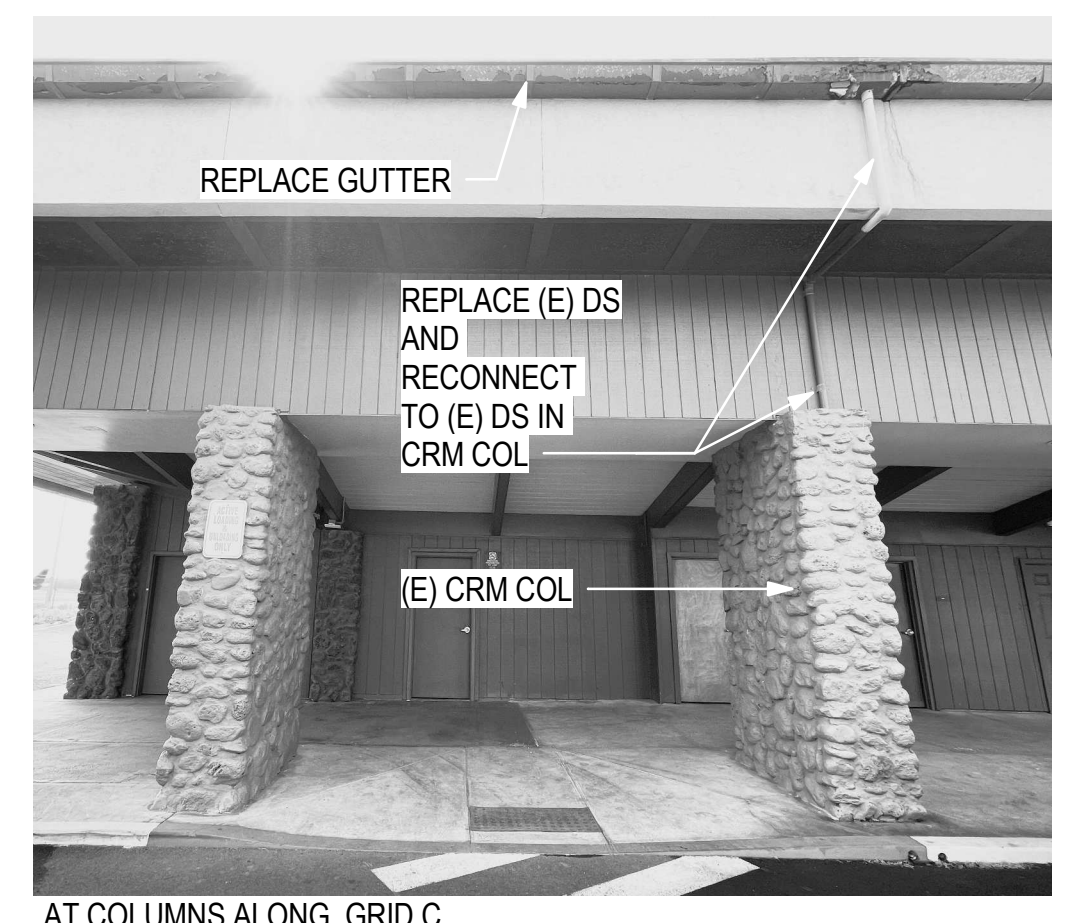
AT COLUMN GRID C15



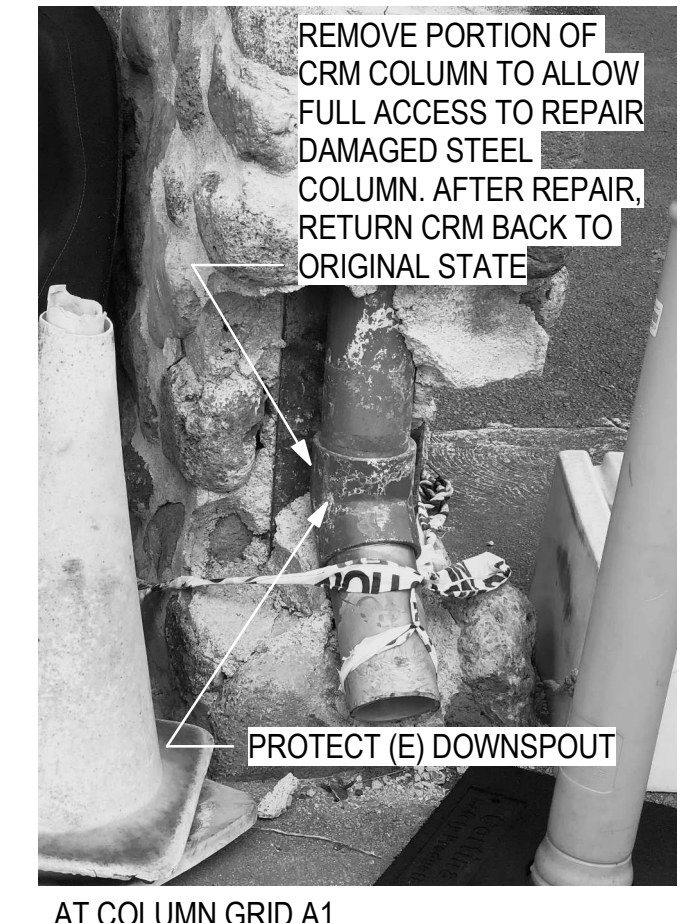
AT COLUMN GRID C1



AT COLUMNS ALONG GRID A



AT COLUMNS ALONG GRID C



AT COLUMN GRID A1

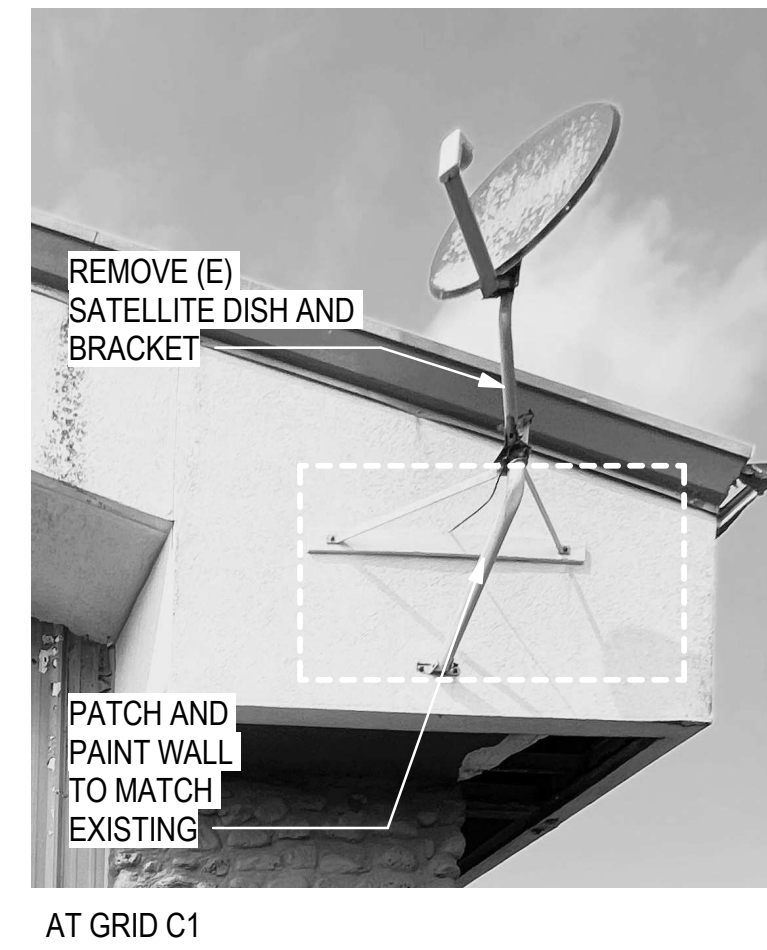
2 DOWNSPOUT AT CORNER CRM COLUMN
NTS

3 DOWNSPOUT AT CRM COLUMN
NTS

4 COLUMN BASE
NTS



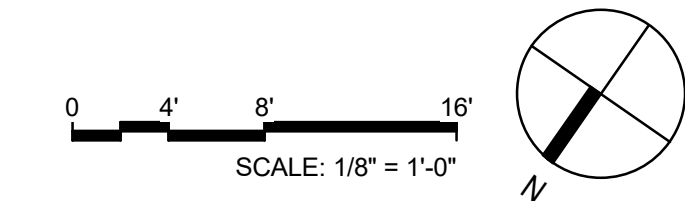
AT GRID A4



AT GRID C1

5 ANTENNA POLE
NTS

6 SATELLITE DISH
NTS



DEMOLITION FLOOR PLANS KEYNOTES

- REPLACE DS ABOVE CORNER CRM COLUMNS AT GRID A1, A15, C1, & C15 (4 TOTAL). SEE DETAIL 2/A101.
- REPLACE DS ABOVE CRM COLUMNS ALONG GRID LINES A & C (12 TOTAL). SEE DETAIL 3/A101.
- REMOVE PORTION OF CRM TO ALLOW FOR STEEL COLUMN REPAIR. SEE DETAIL 4/A101. SEE STRUCTURAL DWG.
- REMOVE ANTENNA AND POLE. INFILL HOLE AND PATCH ASPHALT. SEE DETAIL 5/A101.
- REMOVE SATELLITE DISH AND MOUNTING BRACKET. PATCH AND PAINT TO MATCH EXISTING. SEE DETAIL 6/A101.
- REMOVE (E) CONCRETE SPLASH BLOCK (8 TOTAL).

NO.	DATE	REVISIONS
CONSTRUCTION DOCUMENTS		
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DATE		

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT

AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

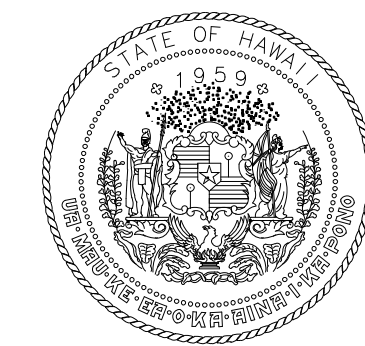
PROJECT NO.:

CM2521-33

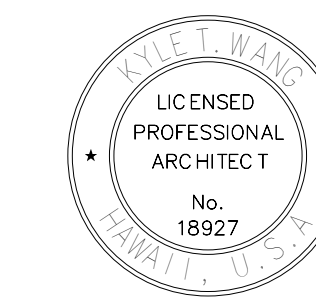
SHEET TITLE:

DEMOLITION FLOOR PLAN

DATE:	DWG. NO.
DEC 19, 2025	A101
SHEET:	
6 OF 30 SHTS	



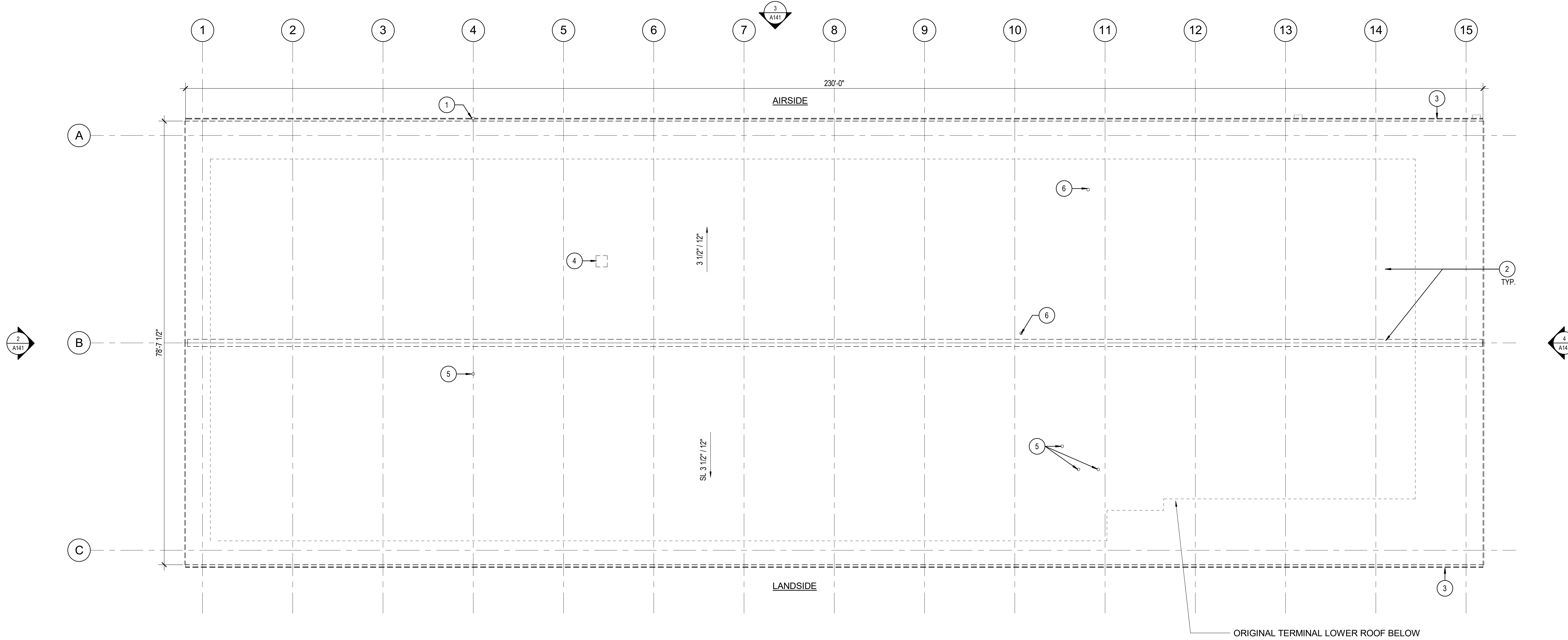
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



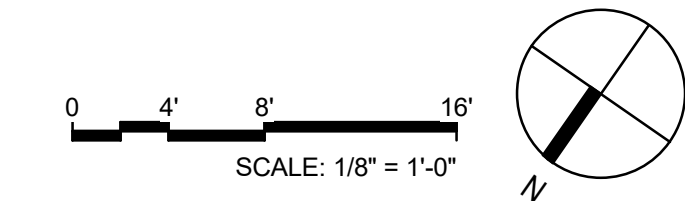
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04/30/2025
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1 DEMOLITION ROOF PLAN - UPPER ROOF
1/8" = 1'-0"



- DEMOLITION ROOF PLANS KEYNOTES**
- ① REMOVE (E) ANTENNA POLE
 - ② REMOVE (E) METAL PANEL ROOF IN ITS ENTIRETY INCLUDING ROOF TRIM, EAVE, RIDGE VENTILATOR AND FASCIA UON.
 - ③ REMOVE (E) GUTTER
 - ④ REMOVE (E) EXHAUST FAN.
 - ⑤ REMOVE (E) VENT PIPE.
 - ⑥ REMOVE (E) ANTENNA AND SALVAGE FOR REINSTALLATION.

NO.	DATE	REVISIONS

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DATE

PROJECT TITLE:
**MKK TERMINAL BUILDING
ROOF REPLACEMENT**
AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

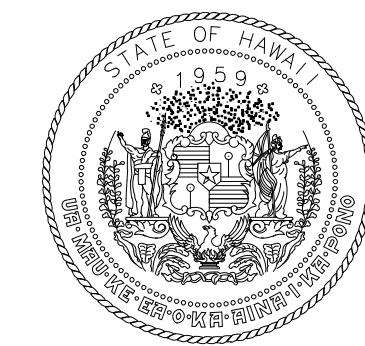
PROJECT NO.:
CM2521-33

SHEET TITLE:
**DEMOLITION ROOF
PLAN**

DATE:
DEC 19, 2025

DWG. NO.
A122

7 OF 30 SHTS



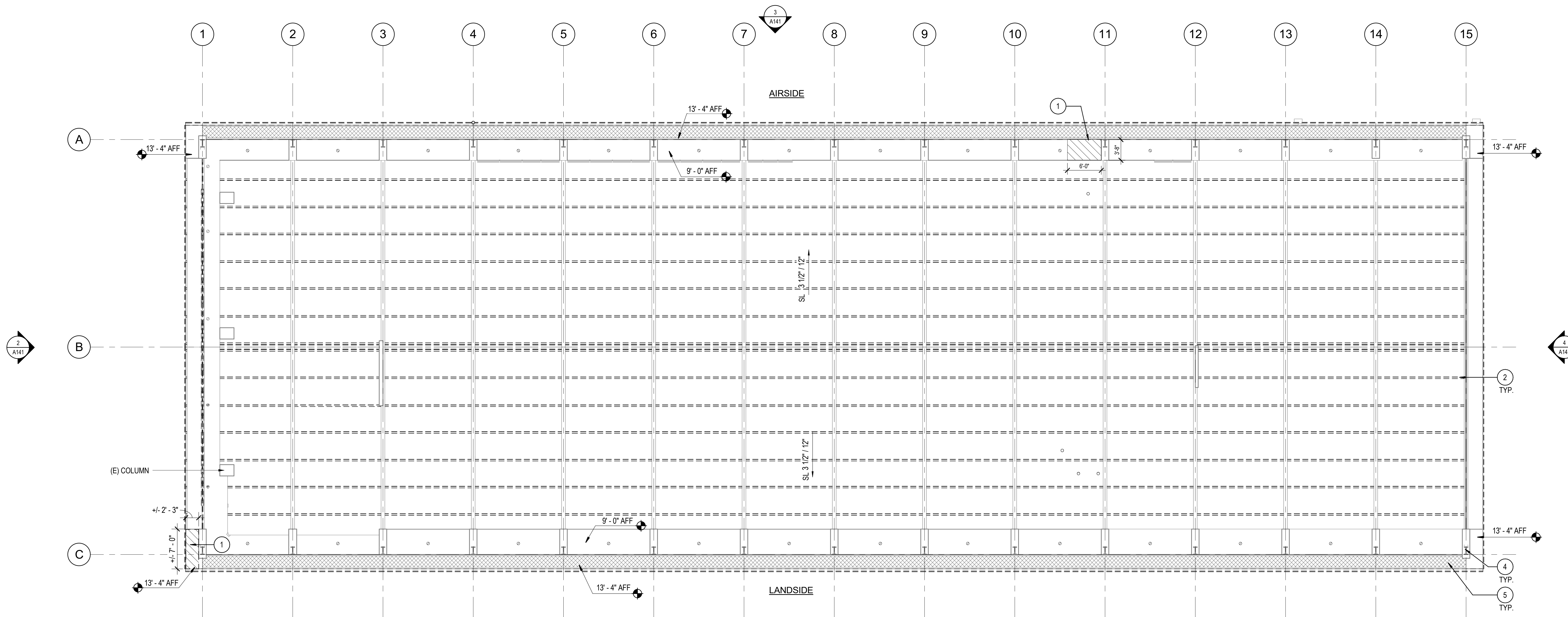
STATE OF HAWAII
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AIRPORTS



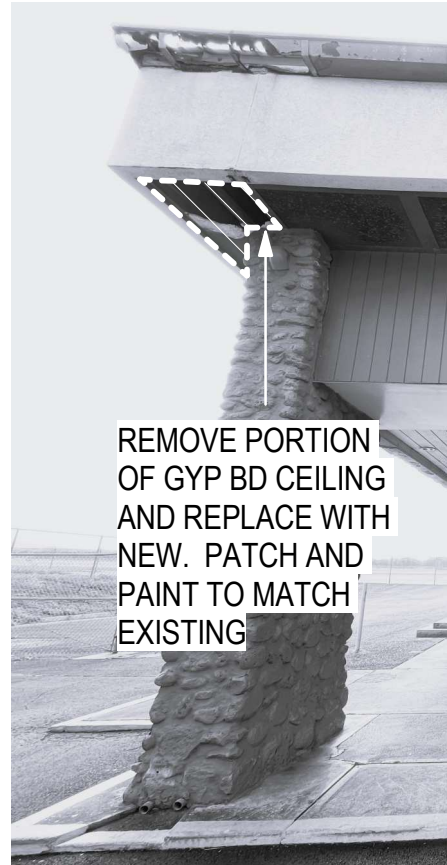
L.C. ENGBERG
PROFESSIONAL ARCHITECT
No. 18927
04/30/2026
Licensed Expiration Date

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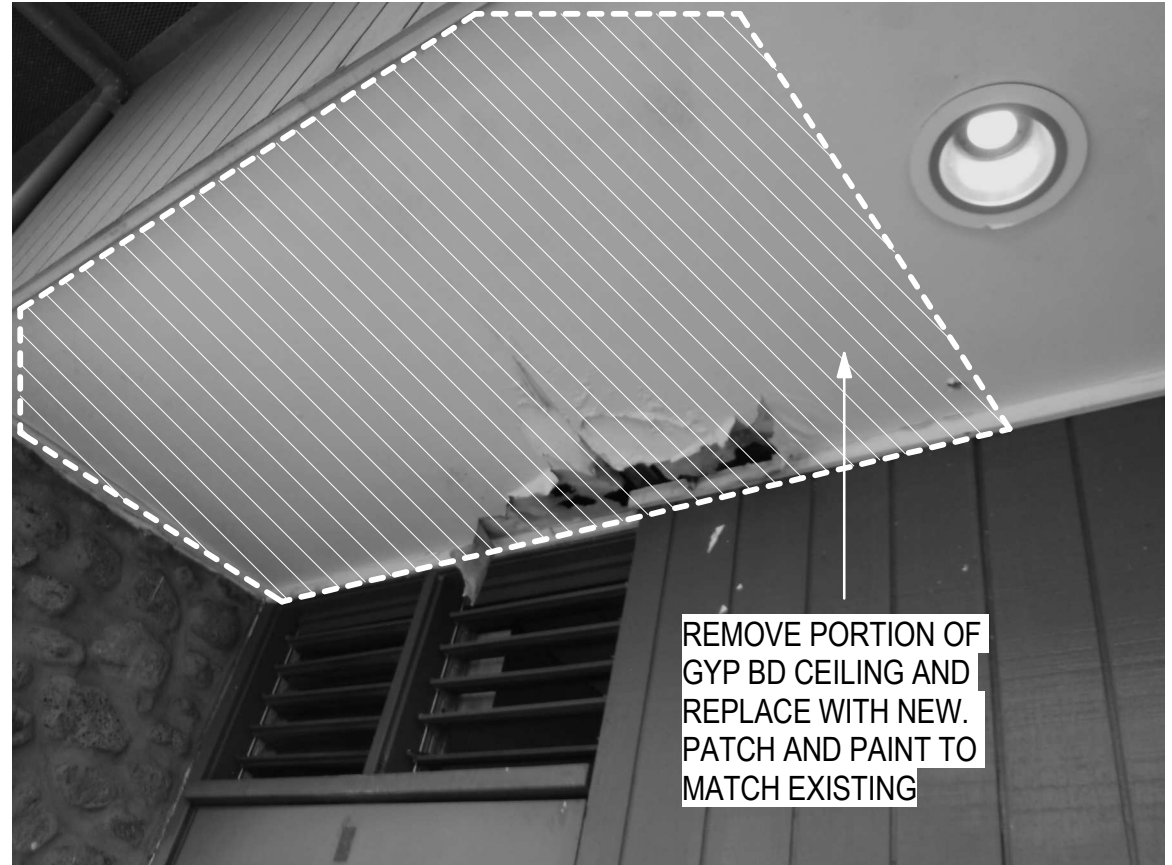
DSGN.	DRWN.	CHKD.	APPD.
RW	KL	DT	RW



1 DEMO REFLECTED CEILING PLAN - UPPER ROOF
1/8" = 1'-0"

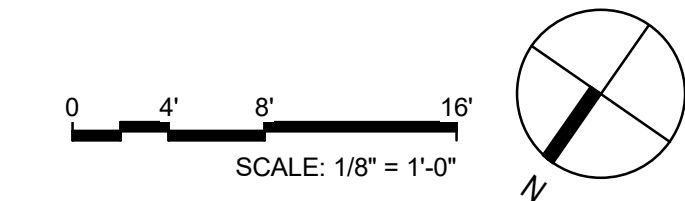


AT GRID LINE C1



AT GRID LINE A11

2 REPAIR CEILING SOFFIT
NTS



- DEMOLITION REFLECTED CEILING PLAN KEYNOTES**
- 1 REMOVE PORTION OF CEILING FOR REPAIR. SEE DETAIL 2/A131.
 - 2 REMOVE DAMAGED (E) PURLINS AND REPLACE WITH NEW. SEE STRUCTURAL DWGS.
 - 3 REMOVE (E) METAL PANEL ROOF IN ITS ENTIRETY, INCLUDING ROOF TRIM, EAVE, AND FASCIA. UON.
 - 4 (E) RIGID METAL STRUCTURE TO REMAIN.
 - 5 (E) EXPANDED ALUM PLATE EAVE CEILING TO REMAIN.

NO.	DATE	REVISIONS

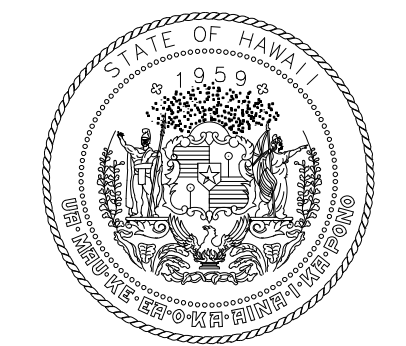
CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

PROJECT TITLE:
MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:
CM2521-33

SHEET TITLE:
DEMOLITION REFLECTED CEILING PLAN

DATE:	DWG. NO.
DEC 19, 2025	A131
SHEET:	8 OF 30 SHTS



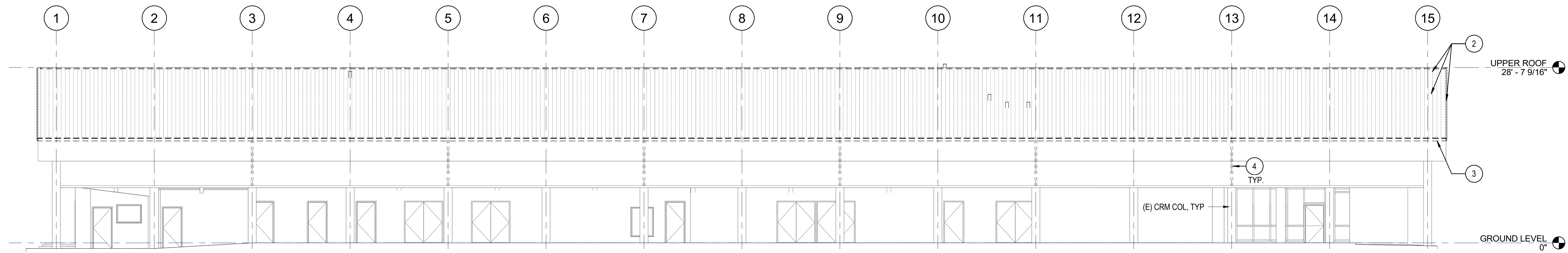
STATE OF HAWAII
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AIRPORTS



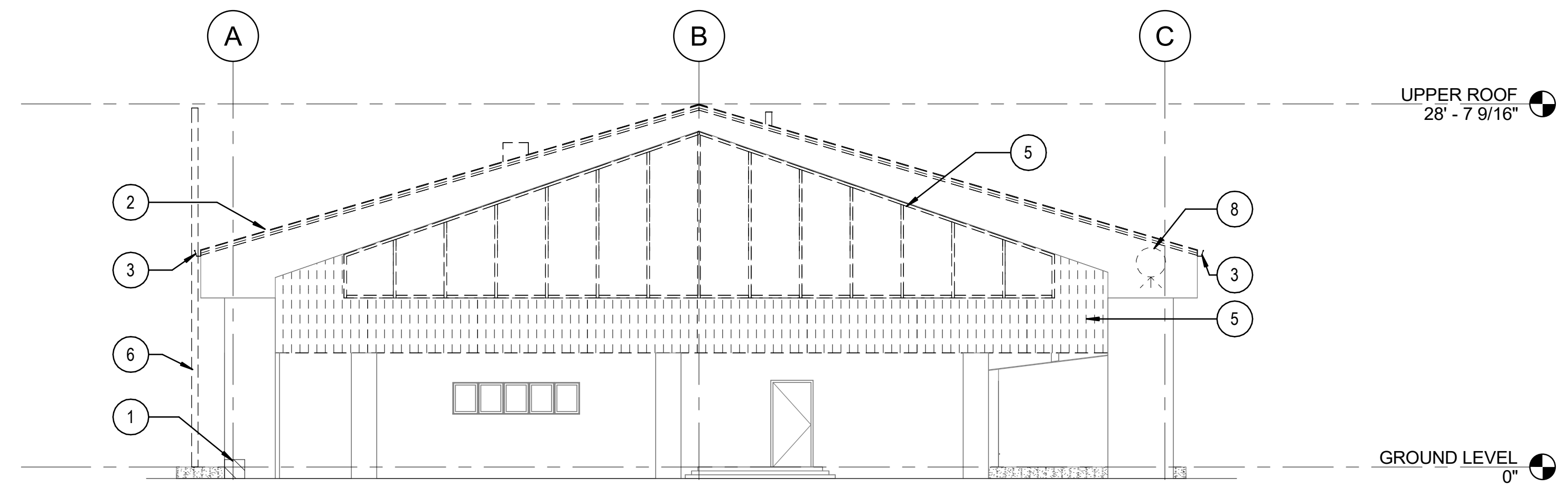
04/30/2025
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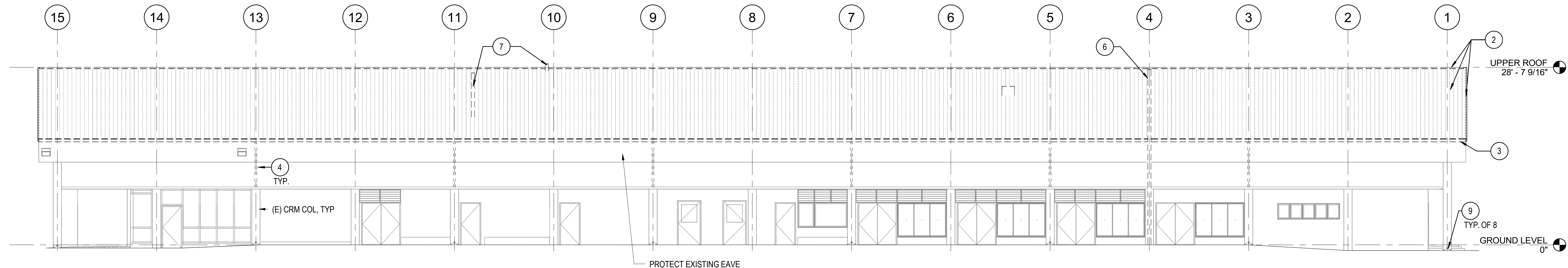
DSGN.	DRWN.	CHKD.	APPD.
RW	KL	DT	RW



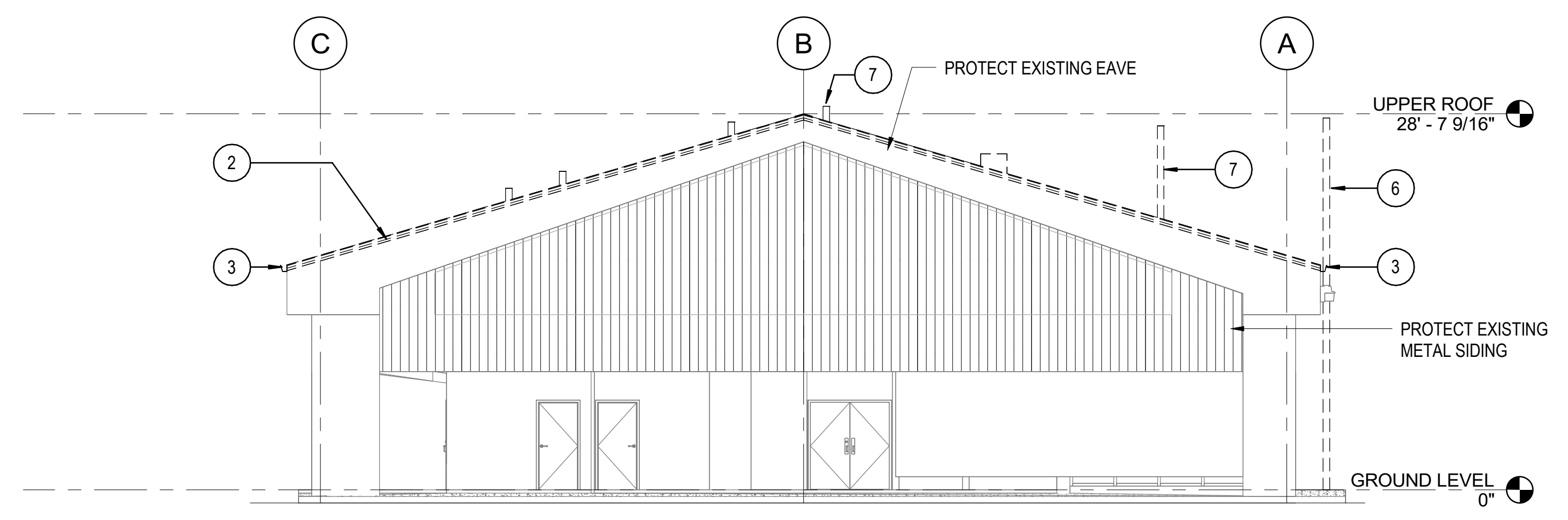
1 DEMOLITION NORTH ELEVATION (LANDSIDE)
1/8" = 1'-0"



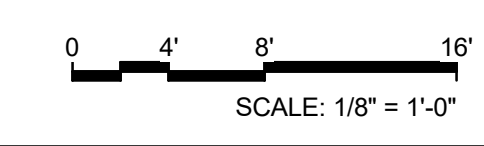
2 DEMOLITION WEST ELEVATION
1/8" = 1'-0"



3 DEMOLITION SOUTH ELEVATION (AIRSIDE)
1/8" = 1'-0"



4 DEMOLITION EAST ELEVATION
1/8" = 1'-0"



- DEMOLITION EXTERIOR ELEVATIONS KEYNOTES**
- 1 REPAIR DAMAGED COLUMN. SEE STRUCTURAL DWG
 - 2 REMOVE (E) METAL PANEL ROOF IN ITS ENTIRETY INCLUDING ROOF TRIM, EAVE, AND FASCIA UON.
 - 3 REMOVE (E) GUTTER
 - 4 REMOVE PORTION OF (E) DS DOWN TO TOP OF CRM COL. REMAINING PORTION OF (E) DS IN CRM COL TO REMAIN TO RECONNECT TO NEW DS.
 - 5 REMOVE (E) LOUVER WALL AND (E) METAL PANEL WALL
 - 6 REMOVE (E) ANTENNA POLE.
 - 7 REMOVE (E) ANTENNA AND SALVAGE FOR REINSTALLATION.
 - 8 REMOVE (E) DISH ANTENNA AND MOUNTING BRACKET.
 - 9 REMOVE (E) CONCRETE SPLASH BLOCK ALONG AIRSIDE.

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CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

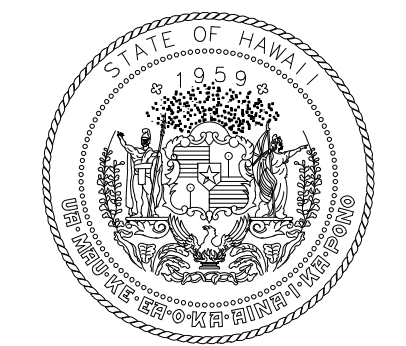
PROJECT NO.:

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SHEET TITLE:

DEMOLITION EXTERIOR ELEVATIONS

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DEC 19, 2025	A141
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9 OF 30 SHTS	



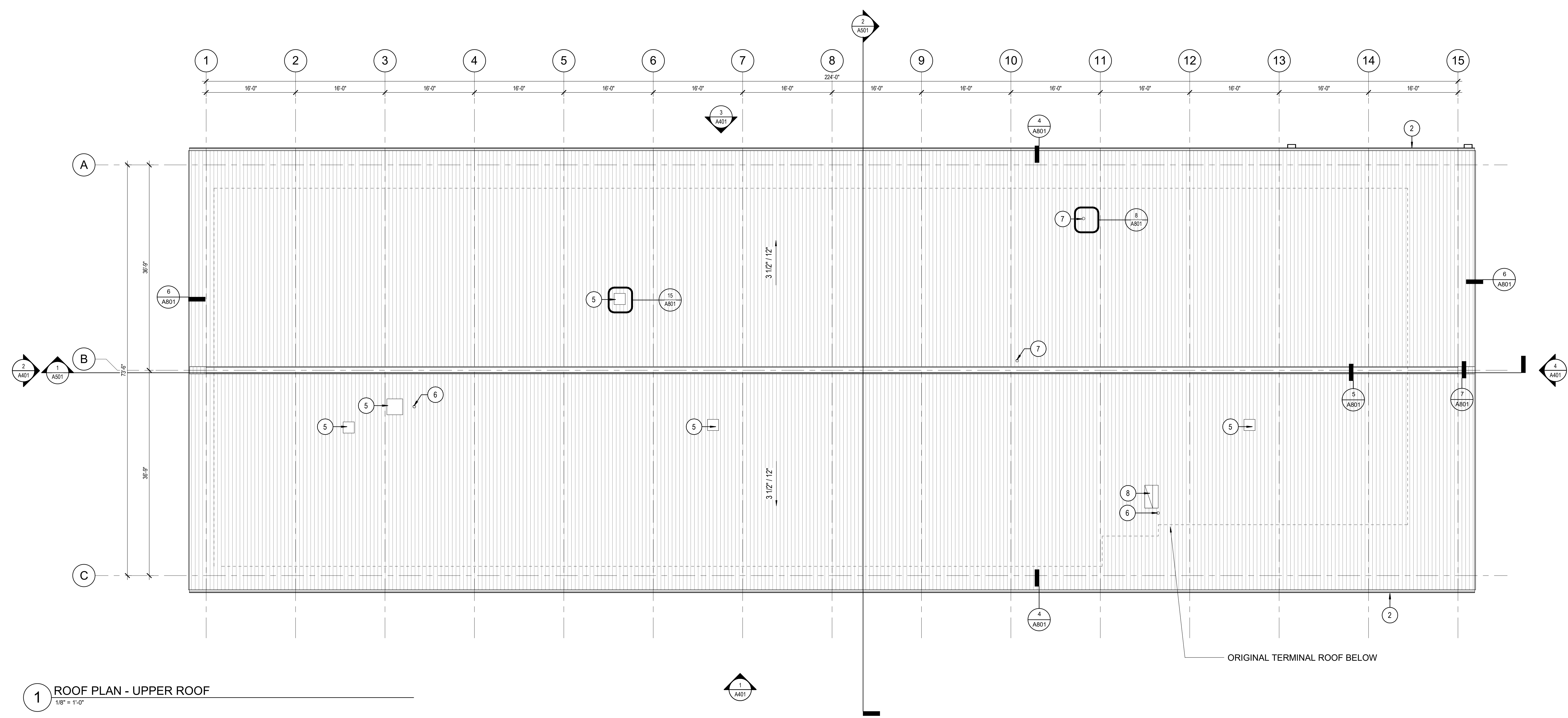
STATE OF HAWAII
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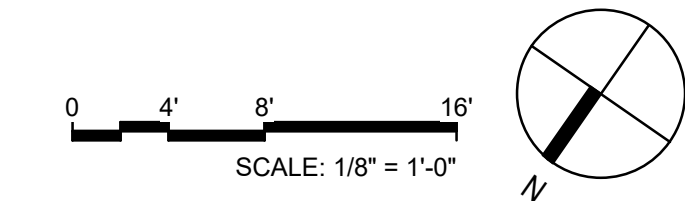
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1 ROOF PLAN - UPPER ROOF
1/8" = 1'-0"



ROOF PLANS KEYNOTES

- 1 RIDGE VENT
- 2 GUTTER
- 3 METAL PANEL ROOF
- 4 RAKE TRIM
- 5 EXHAUST FAN
- 6 ROOF VENT
- 7 REINSTALL (E) ANTENNA
- 8 DISCHARGE HOOD

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MKK TERMINAL BUILDING
ROOF REPLACEMENT

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

ROOF PLAN

DATE:

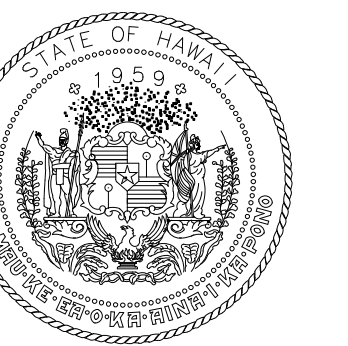
DEC 19, 2025

SHEET:

11 OF 30 SHTS

DWG. NO.

A222



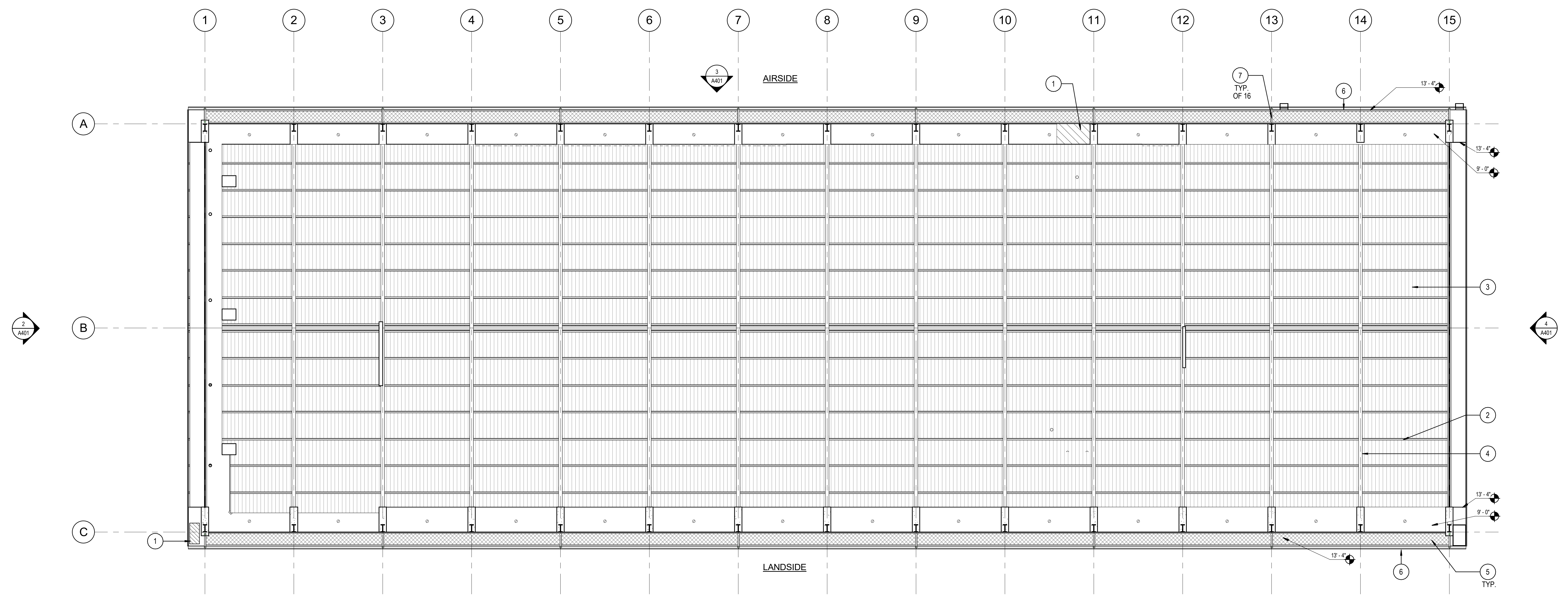
STATE OF HAWAII
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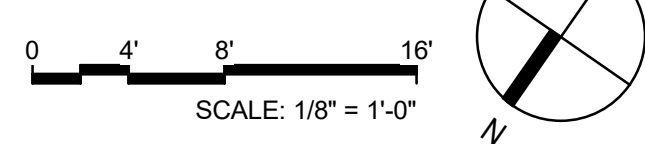
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1 REFLECTED CEILING PLAN - UPPER ROOF
1/8" = 1'-0"



REFLECTED CEILING PLAN KEYNOTES

- 1 REPAIR SOFFIT TO MATCH EXISTING.
- 2 REPLACED PURLINS. SEE STRUCTURAL DWGS.
- 3 METAL PANEL ROOF.
- 4 (E) RIGID METAL STRUCTURE.
- 5 (E) EXPANDED ALUM PLATE EAVE CEILING.
- 6 GUTTER.
- 7 DOWNSPOUT AND LEADER.

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CONSTRUCTION DOCUMENTS

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DATE

PROJECT TITLE:

**MKK TERMINAL BUILDING
ROOF REPLACEMENT**

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

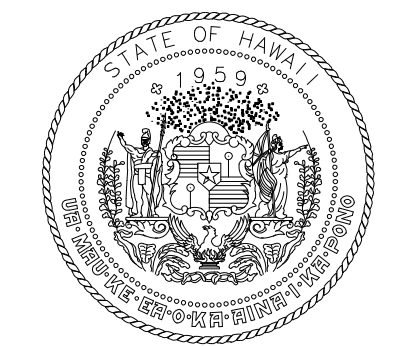
PROJECT NO.:

CM2521-33

SHEET TITLE:

**REFLECTED CEILING
PLAN**

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DEC 19, 2025	A301
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12 OF 30 SHTS	



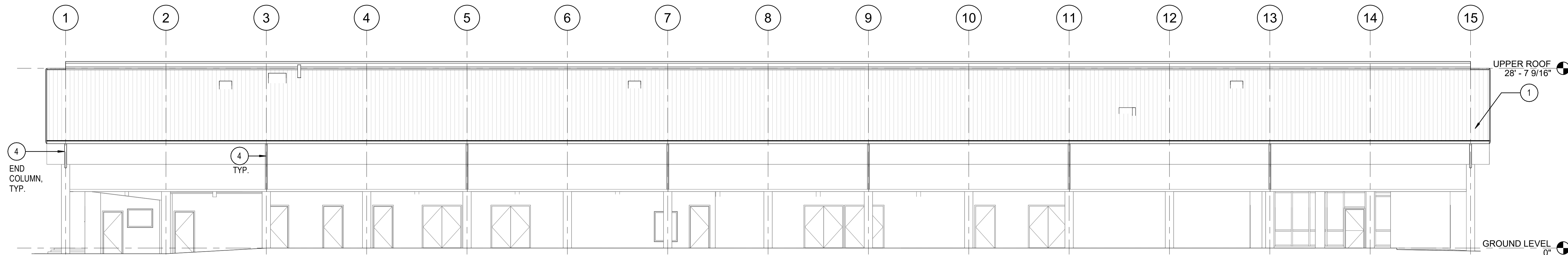
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DEPARTMENT OF TRANSPORTATION
AIRPORTS



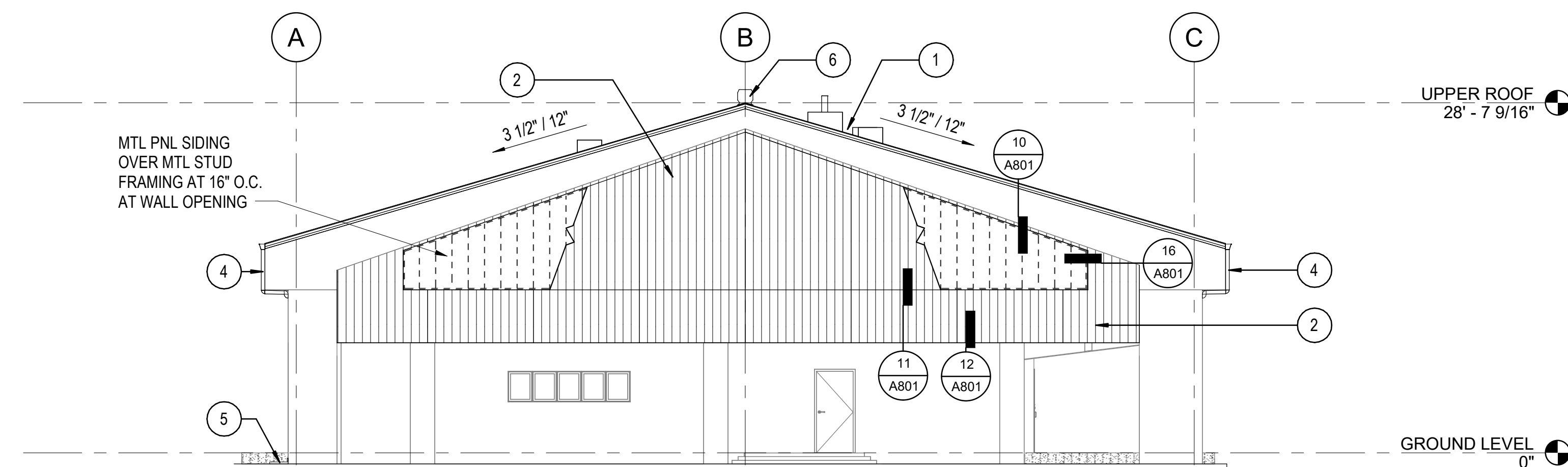
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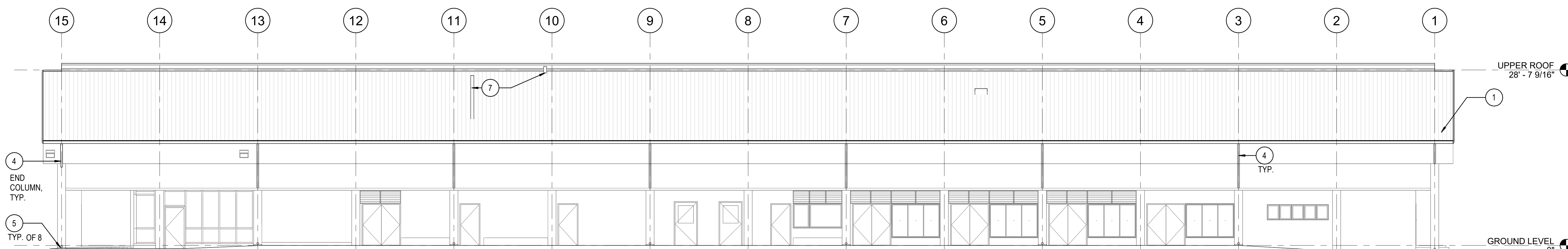
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RW	KL	DT	RW



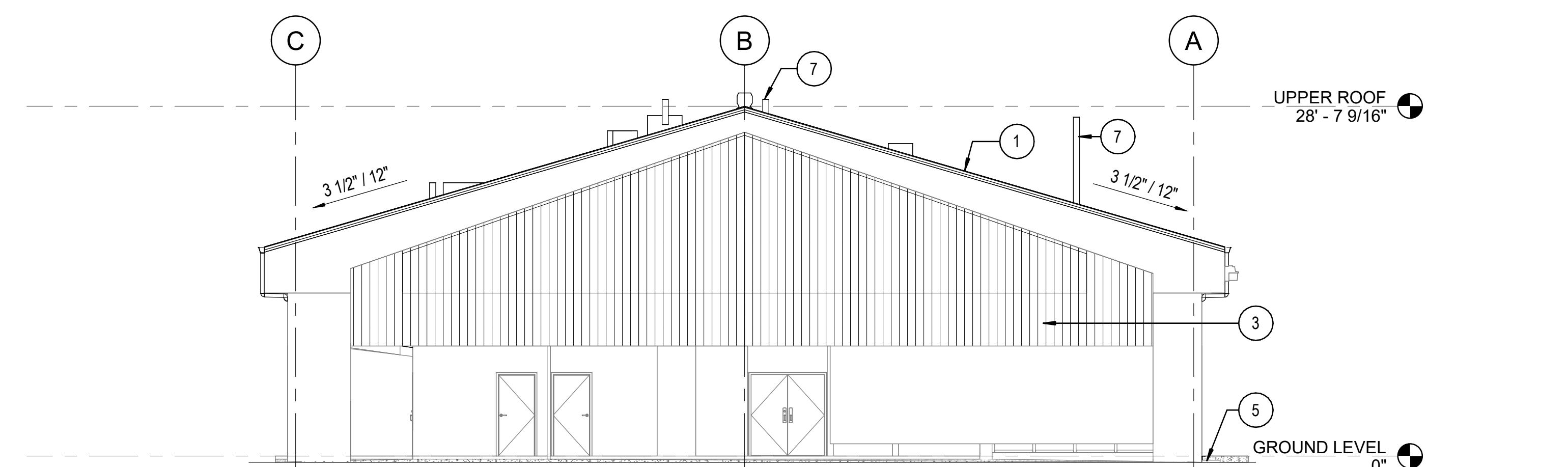
1 NORTH ELEVATION (LANDSIDE)
1/8" = 1'-0"



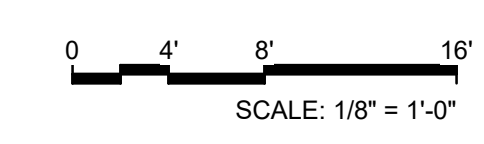
2 EAST ELEVATION
1/8" = 1'-0"



3 SOUTH ELEVATION (AIRSIDE)
1/8" = 1'-0"



4 WEST ELEVATION
1/8" = 1'-0"



EXTERIOR ELEVATIONS KEYNOTES

- 1 METAL PANEL ROOF
- 2 METAL SIDING
- 3 (E) METAL SIDING
- 4 DOWNSPOUT AND LEADER, CONNECT TO (E) CAST IRON PIPE INSIDE CRM COLUMN
- 5 CONCRETE SPLASH BLOCK
- 6 RIDGE VENT
- 7 REINSTALL (E) ANTENNA

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MKK TERMINAL BUILDING ROOF REPLACEMENT		
AT MOLOKAI AIRPORT HOOLEHUA, MOLOKAI, HAWAII		
PROJECT NO.:		
CM2521-33		
SHEET TITLE:		
EXTERIOR ELEVATIONS		
DATE:	DWG. NO.	
DEC 19, 2025	A401	
SHEET:		
13 OF 30 SHTS		

CONSTRUCTION DOCUMENTS

DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT

AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

EXTERIOR ELEVATIONS

DATE:

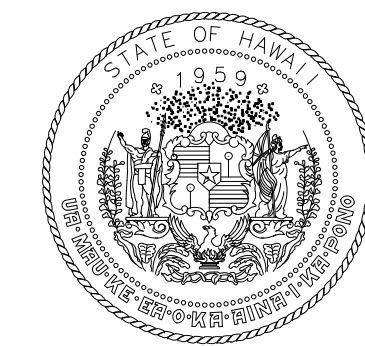
DEC 19, 2025

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13 OF 30 SHTS

DWG. NO.

A401



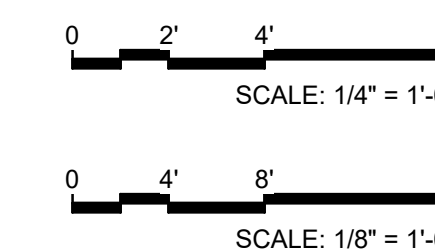
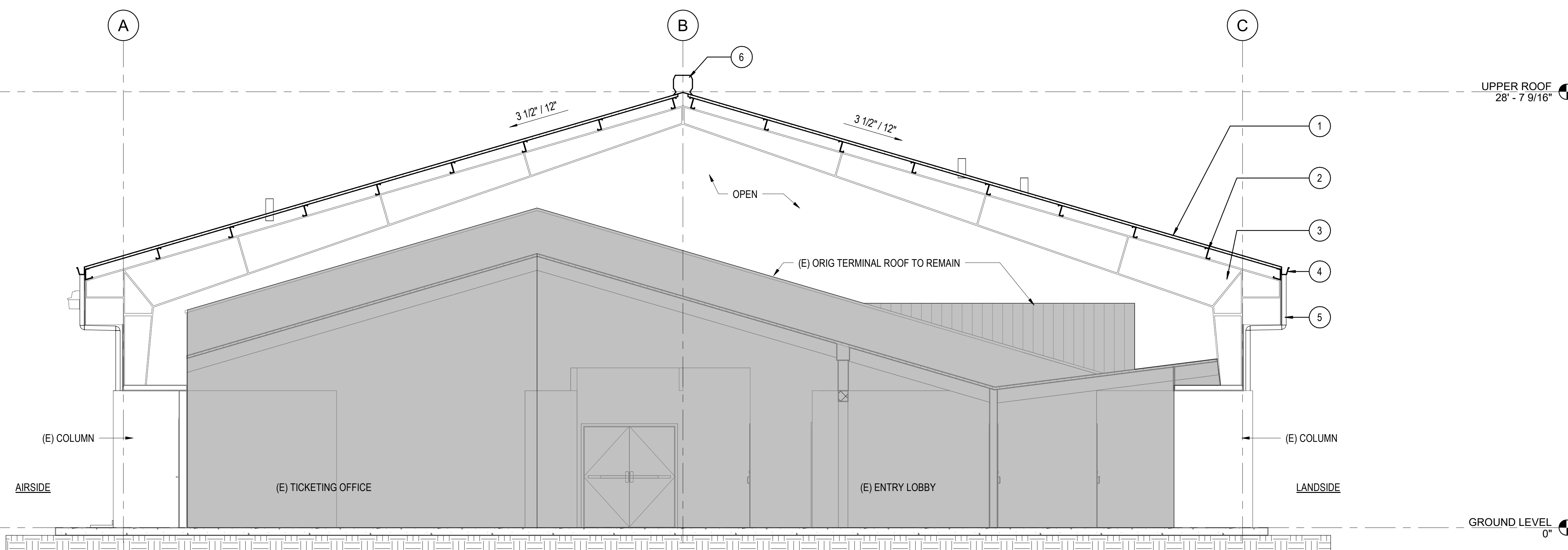
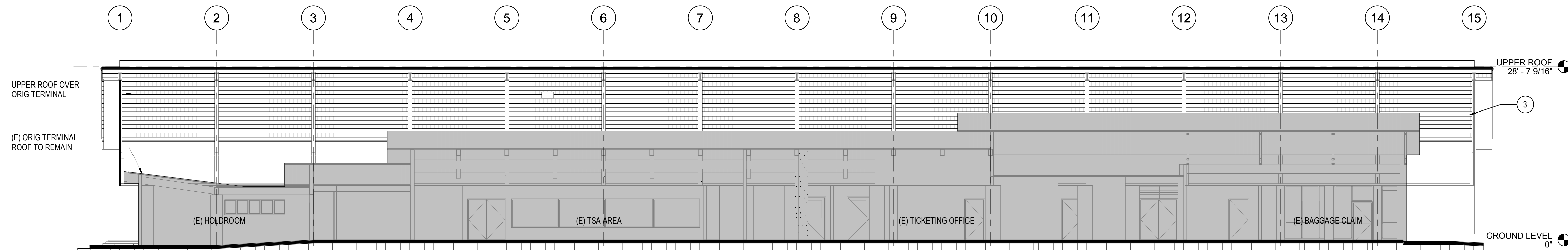
STATE OF HAWAII
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DAVID T. WANG
LICENSED PROFESSIONAL ARCHITECT
No. 18927
04/30/2028
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RW	KL	DT	RW



SECTIONS KEYNOTES

- 1 METAL PANEL ROOF
- 2 (E) PURLINS
- 3 (E) STRUCTURAL FRAME
- 4 METAL GUTTER
- 5 DOWNSPOUT
- 6 CONT ROOF RIDGE VENT

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CONSTRUCTION DOCUMENTS

DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT

AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

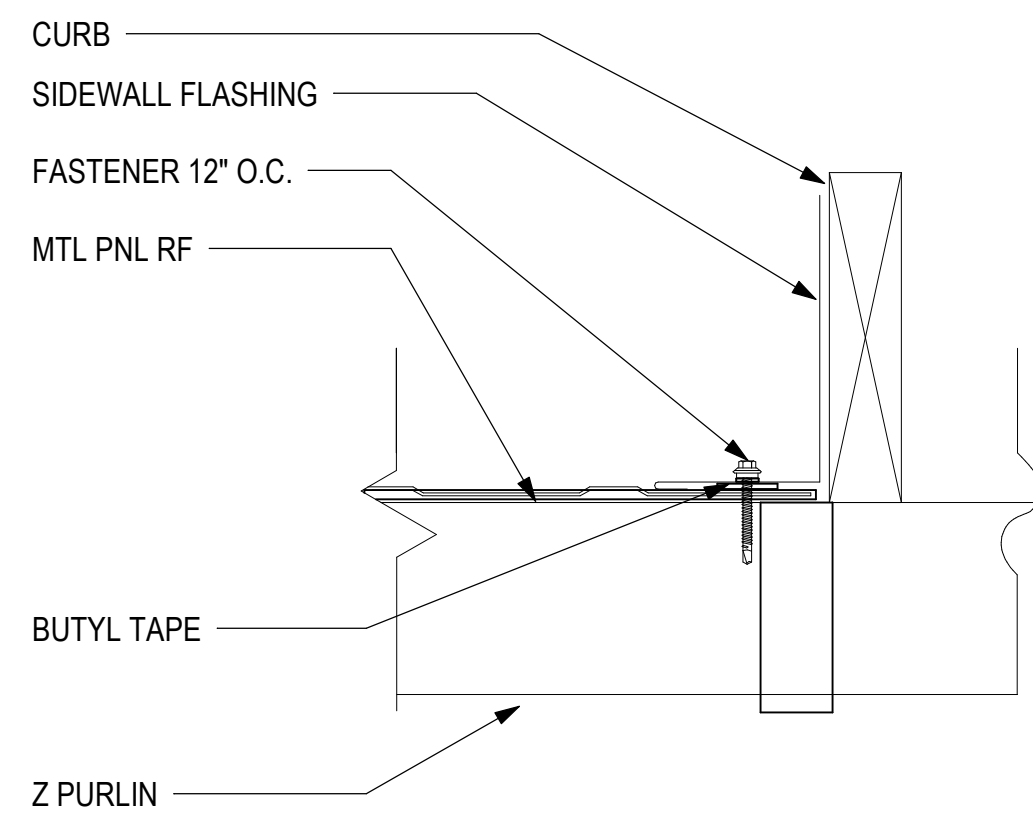
PROJECT NO.:

CM2521-33

SHEET TITLE:

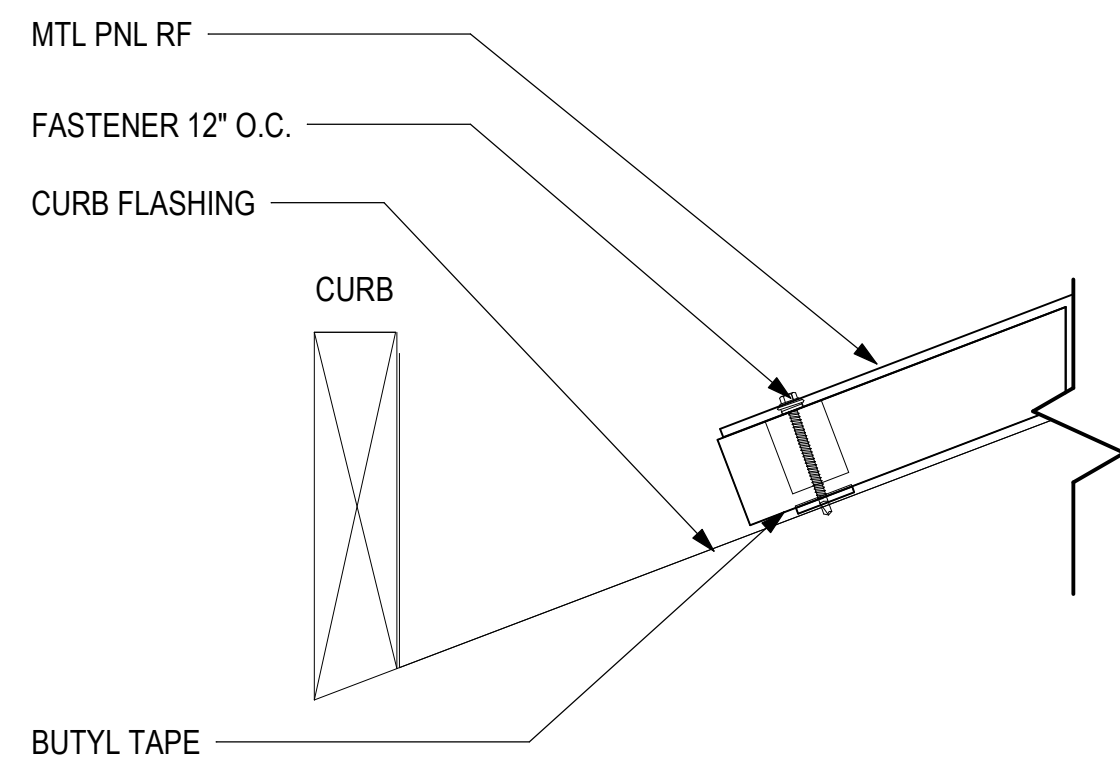
BUILDING SECTIONS

DATE:	DWG. NO.
DEC 19, 2025	A501
SHEET:	
14 OF 30 SHTS	

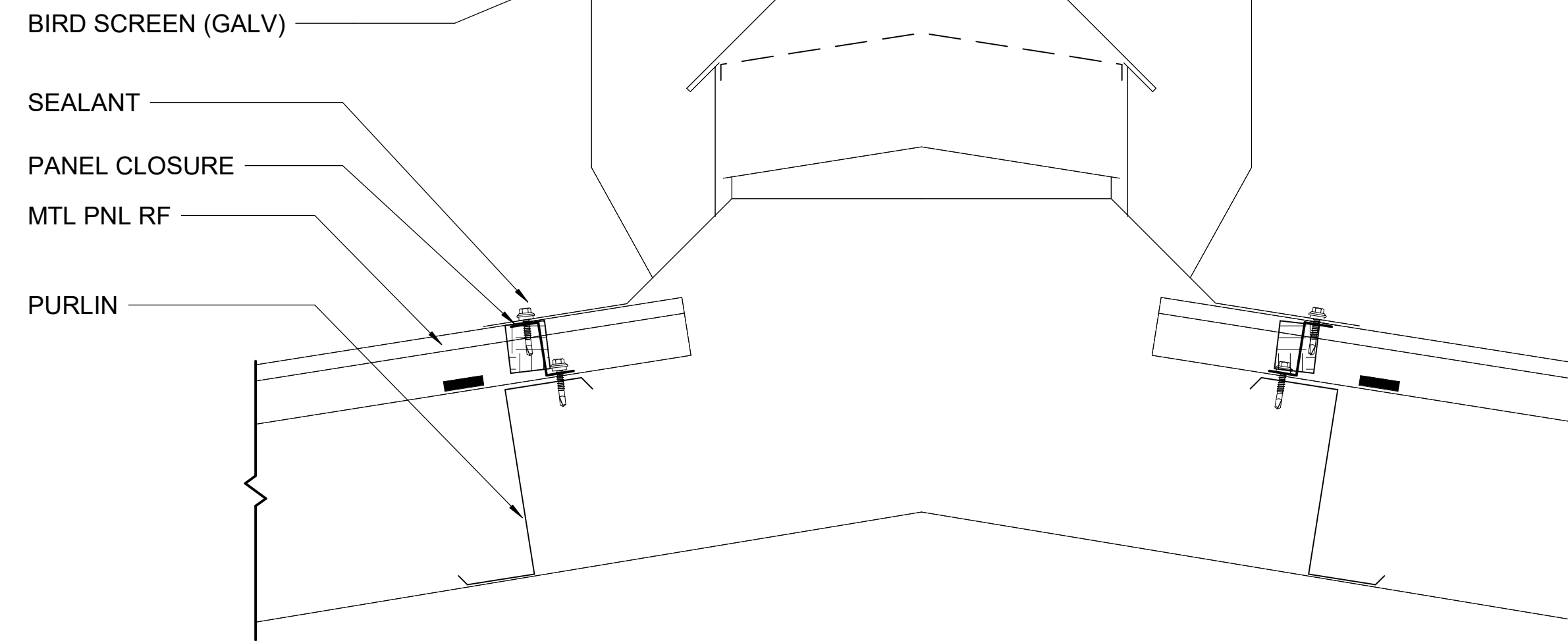


NOTE:
 1. FASTENERS MAY CHANGE
 2. ACCORDING TO SUBSTRATE
 3. CLIP SPACING PER UPLIFT REQ.

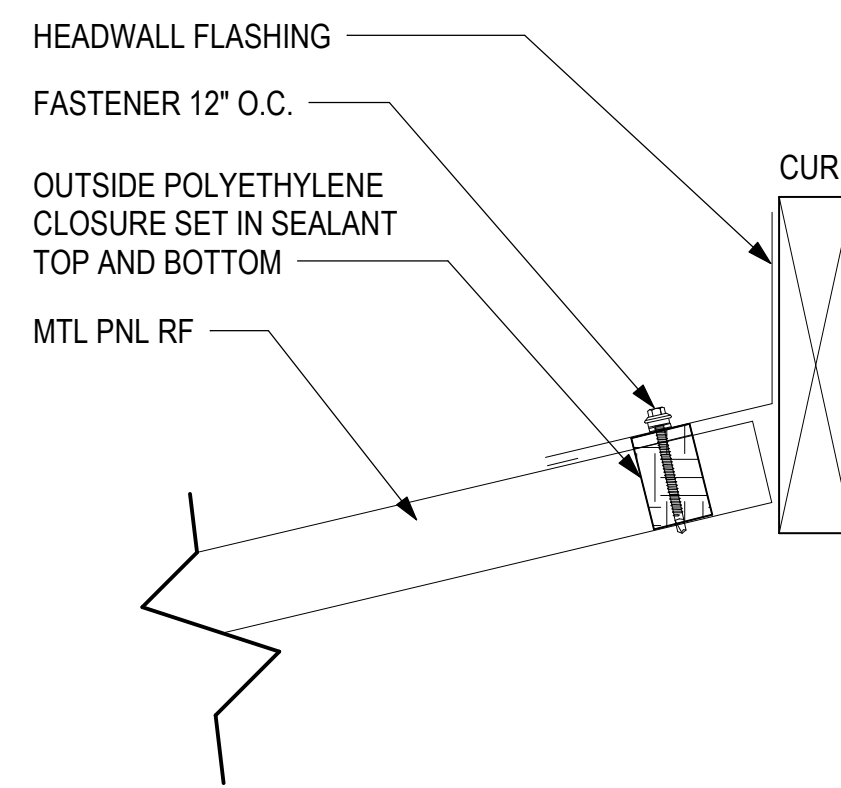
13 PENETRATION DETAIL - SIDEWALL
 3" = 1'-0"



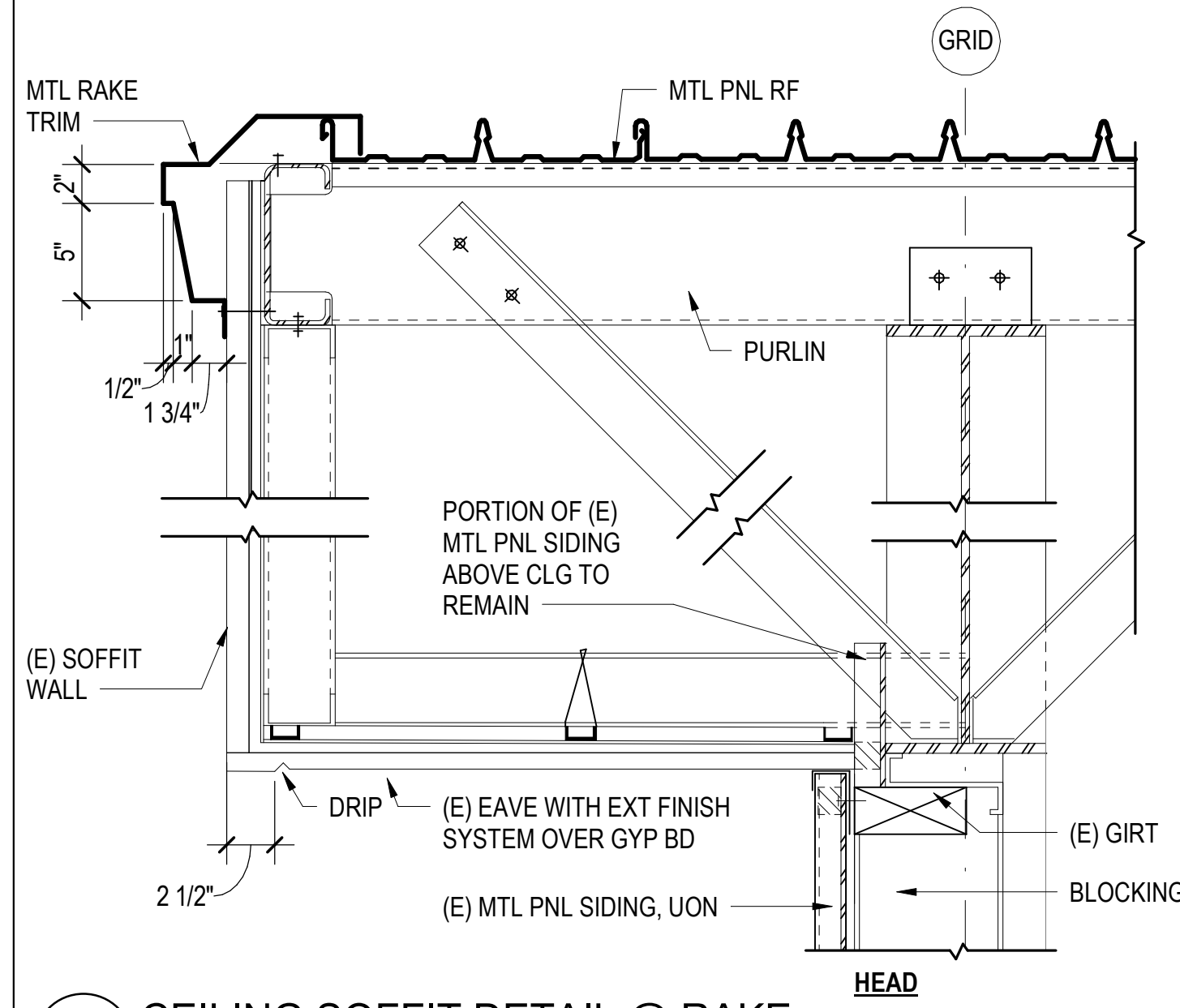
9 PENETRATION DETAIL - BACK PAN
 3" = 1'-0"



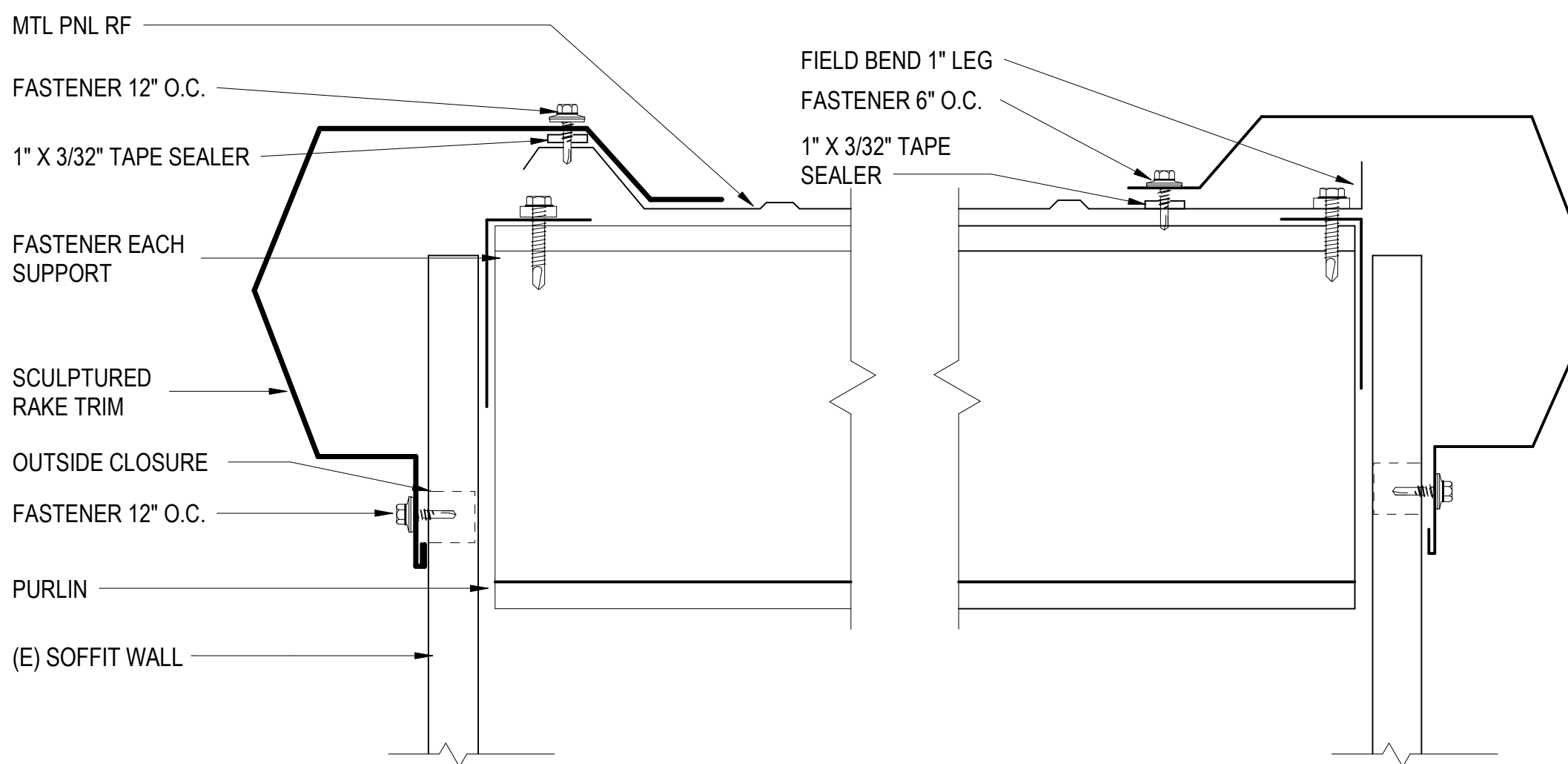
5 ROOF DETAIL - RIDGE VENT
 3" = 1'-0"



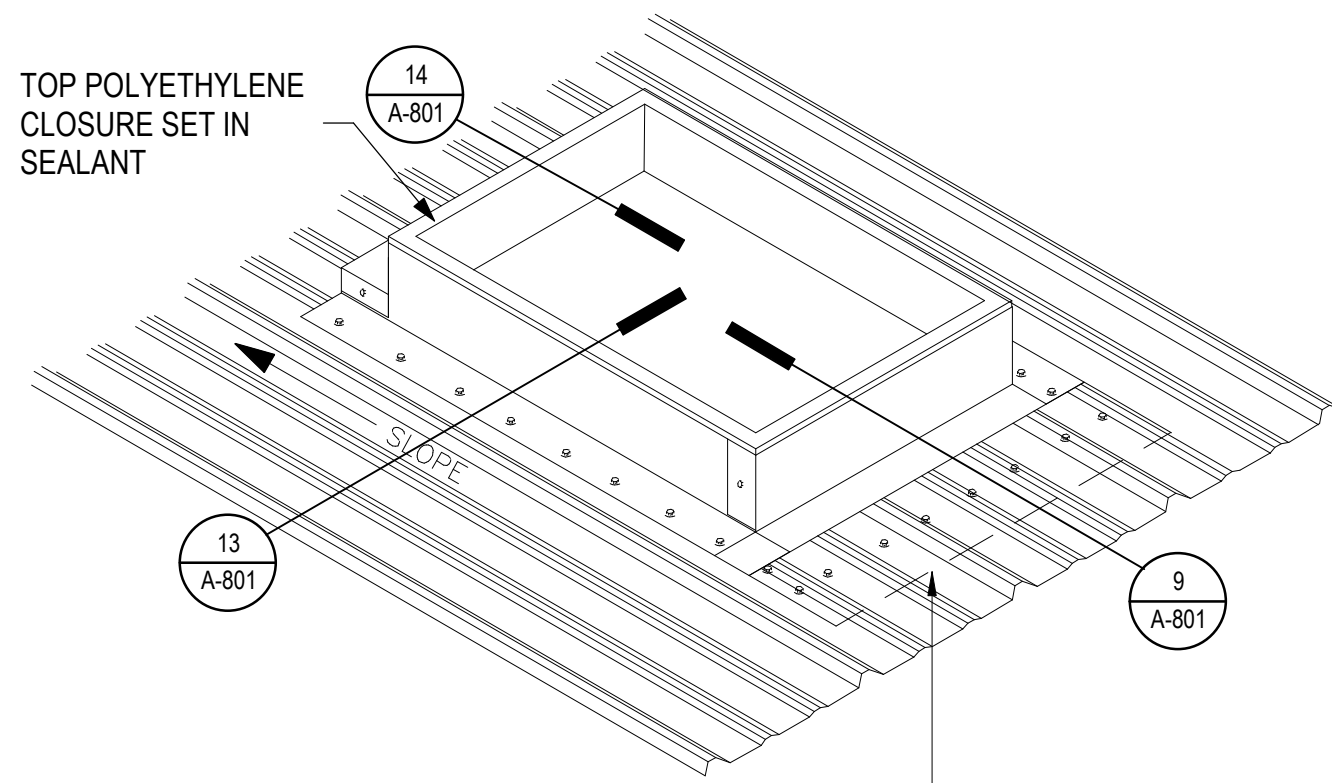
14 PENETRATION DETAIL - HEADWALL
 3" = 1'-0"



10 CEILING SOFFIT DETAIL @ RAKE
 1 1/2" = 1'-0"

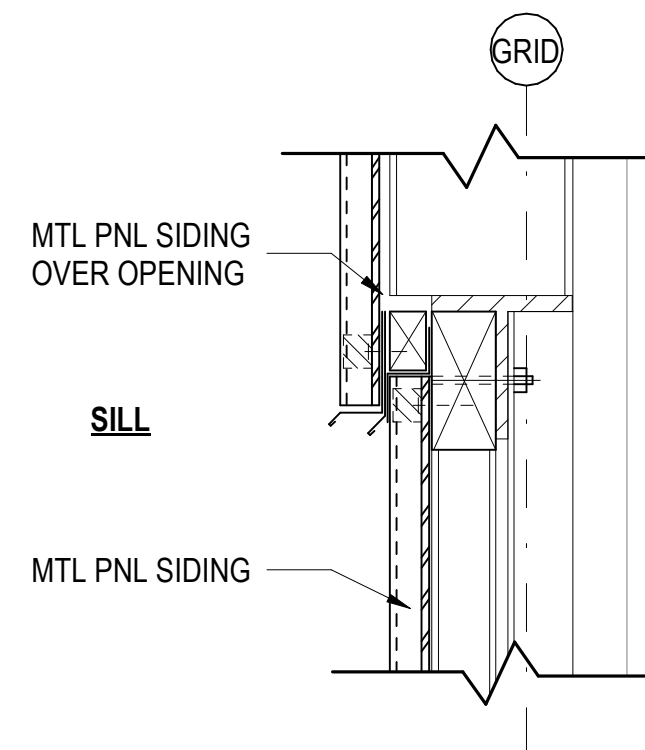


6 ROOF DETAIL - RAKE TRIM
 3" = 1'-0"

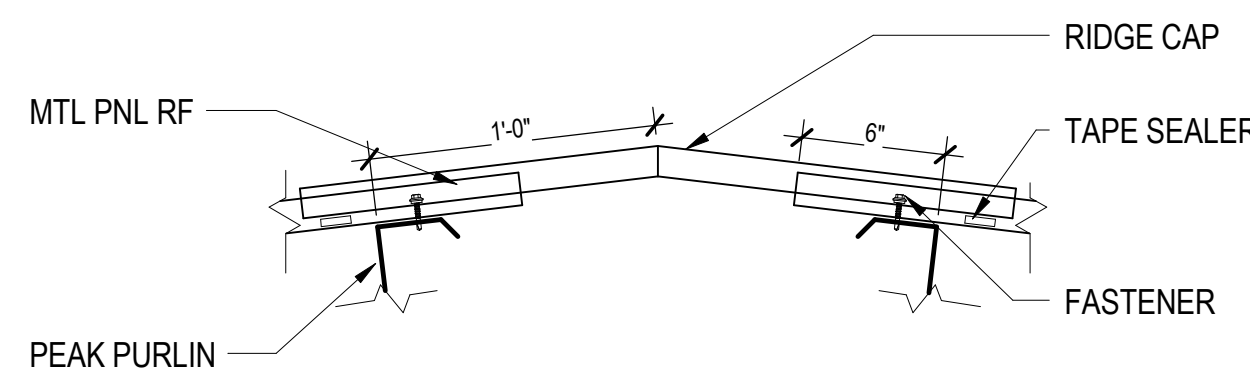


NOTE:
 1. SET CURB FLASHING ON BUTYL TAPE
 2. FASTEN 3" O.C.
 3. CURB OVER 30" REQ. CRICKET/DIVERTER.

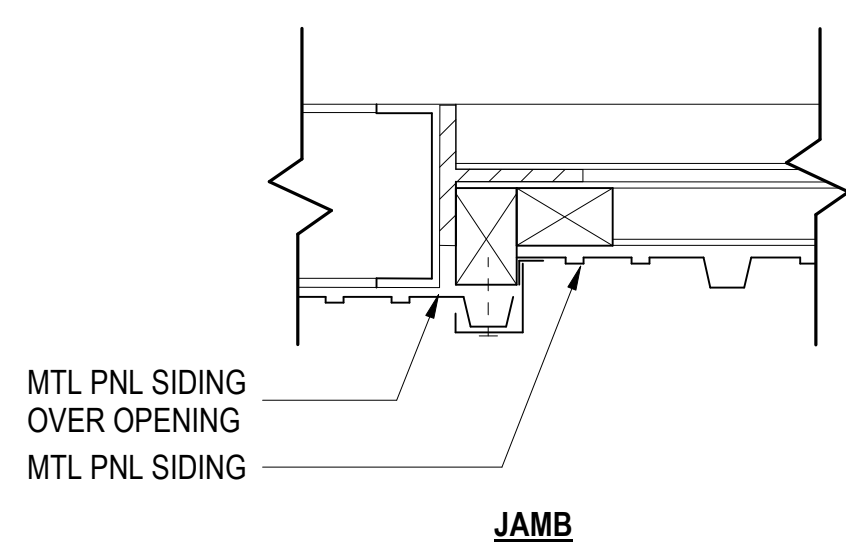
15 PENETRATION DETAIL - PLAN VIEW
 NTS



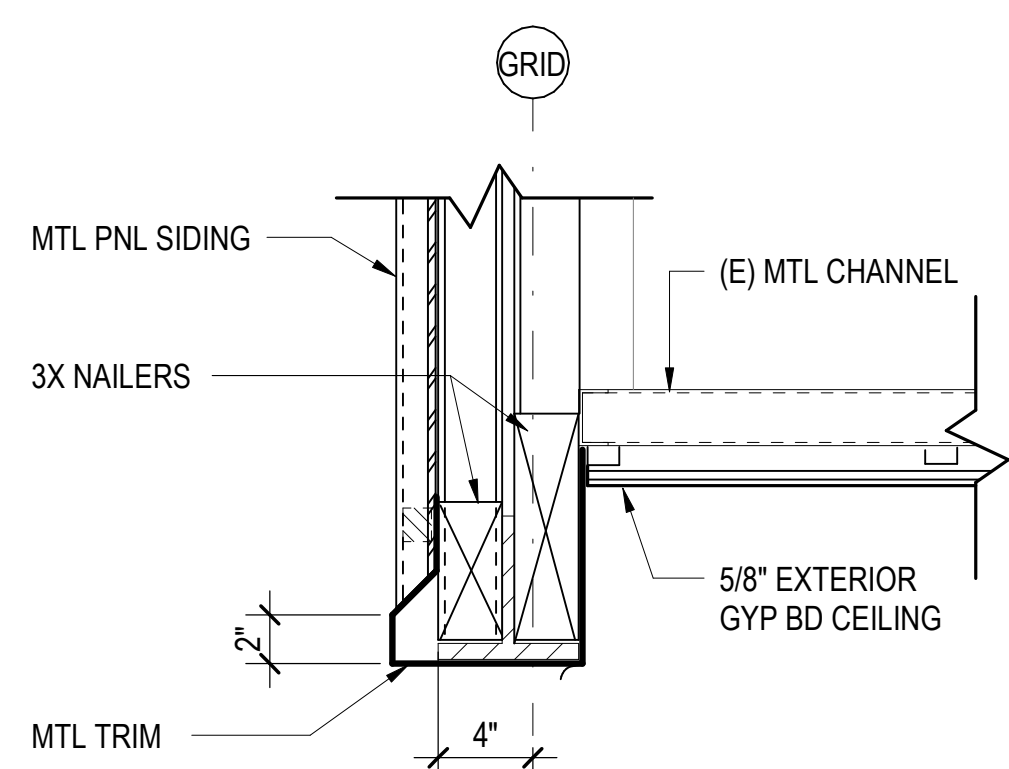
11 MTL PNL SIDING OVER OPENING - SILL
 1 1/2" = 1'-0"



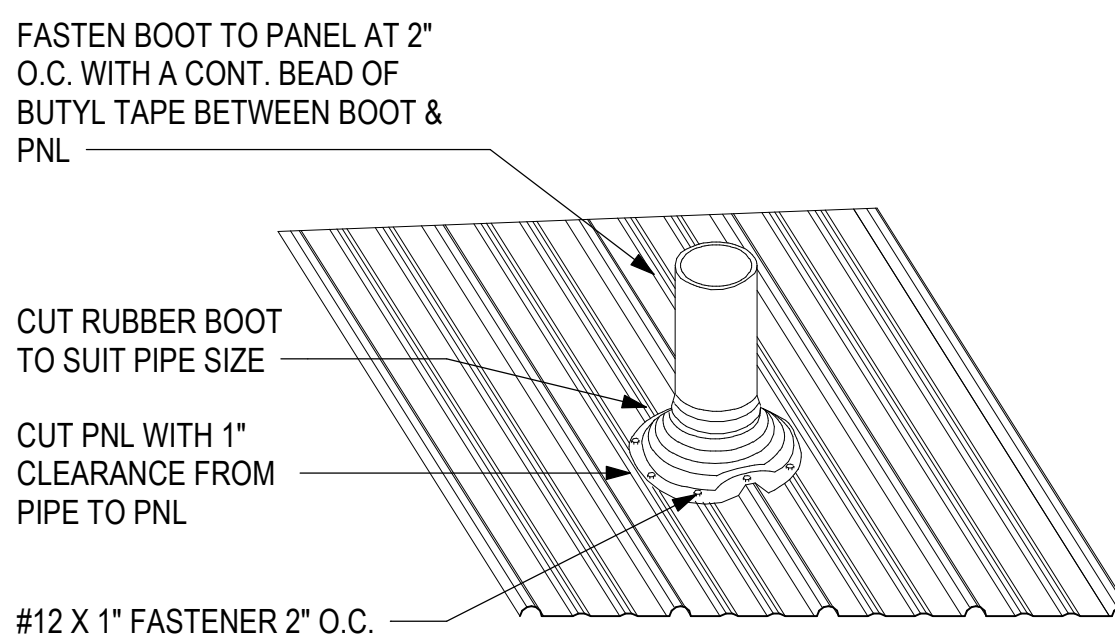
7 ROOF DETAIL - RIDGE CAP
 1 1/2" = 1'-0"



16 MTL PNL SIDING OVER OPENING - JAMB
 1 1/2" = 1'-0"

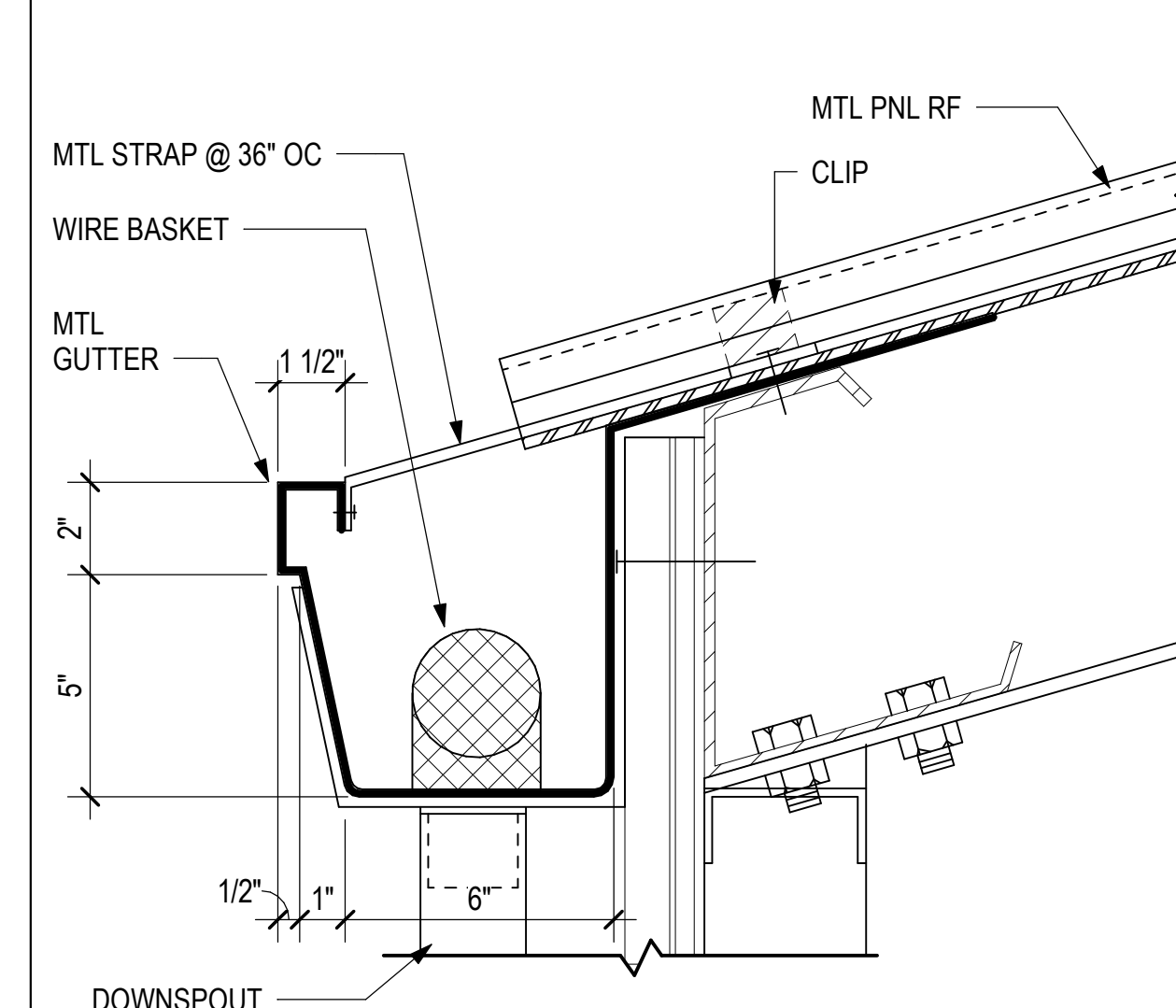


12 METAL PNL SIDING @ SOFFIT
 1 1/2" = 1'-0"



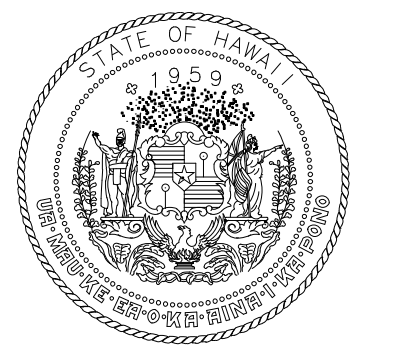
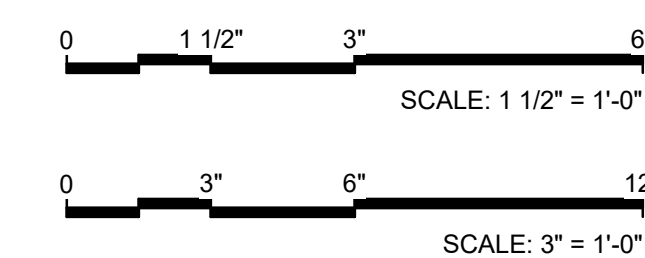
NOTES:
 1. PIPE BOOT BASE / FASTENERS TO ATTACH TO PANEL NOT SUBSTRATE.
 2. HOLE IN PANEL TO BE 1" LARGER THAN PIPE TO ALLOW FOR THERMAL MOVEMENT.
 3. BOOT SET IN BUTYL TAPE FASTEN BASE TO PANEL 1 1/2" O.C.
 PIPE BOOTS MAY HAVE ROUND OR SQUARE BASE

8 PENETRATION DETAIL - PIPE BOOT
 NTS



4 ROOF DETAIL - GUTTER AT WALL SOFFIT
 3" = 1'-0"

GENERAL NOTES
 1. ALL PENETRATIONS INTO METAL SIDING & METAL ROOFING SHALL BE TREATED W/PAIN PER SPEC.
 2. USE STAINLESS STEEL NUTS & BOLTS ON ALL PENETRATIONS INTO METAL SIDING & ROOF.



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 AIRPORTS



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 Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
RW	KL	DT	RW

NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS

DEC 19, 2025
 DATE

PROJECT TITLE:

**MKK TERMINAL BUILDING
 ROOF REPLACEMENT**

AT
 MOLOKAI AIRPORT
 HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

EXTERIOR DETAILS

DATE:

DEC 19, 2025

SHEET:

15 OF 30 SHTS

DWG. NO.

A801

GENERAL NOTES

- A. VERIFY DIMENSIONS AND CONDITIONS AND REPORT DISCREPANCIES IN WRITING TO THE CONTRACTING OFFICER BEFORE COMMENCING WORK OR ORDERING MATERIALS.
- B. MATERIALS AND WORKMANSHIP MUST CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE IN ADDITION TO THE CODES CITED.
- C. DETAILS SHOWN ON THE DRAWINGS MUST BE TYPICAL FOR SIMILAR CONDITIONS.
- D. MODIFY DETAILS FOR SPECIAL CONDITIONS AS DIRECTED BY THE CONTRACTING OFFICER.
- E. INCLUDE IN BID OR PROPOSAL COSTS TO CHANGE STRUCTURAL SUPPORTS TO ACCOMMODATE ACTUAL EQUIPMENT OR ITEM USED.

CONSTRUCTION NOTES

- A. NOTIFY THE CONTRACTING OFFICER AT LEAST 48 HOURS IN ADVANCE FOR REVIEW AND OBSERVATION OF EXCAVATIONS, REINFORCING, AND CONCRETE PLACEMENT.
- B. CONSTRUCTION LOADING MUST NOT EXCEED THE DESIGN LIVE LOAD UNLESS SPECIAL SHORING IS PROVIDED. ALLOWABLE LOADS MUST BE REDUCED IN AREAS WHERE THE STRUCTURE HAS NOT ATTAINED ITS FULL DESIGN STRENGTH.
- C. FORM AND SHORE REMOVAL MUST NOT INJURE OR OVERSTRESS COMPLETED OR PARTIALLY COMPLETED STRUCTURAL ELEMENTS. TIMING OF FORM AND SHORE REMOVAL MUST BE IN ACCORDANCE WITH ACI-347.
- D. SEE ARCHITECTURAL DRAWINGS FOR CHAMFERS, EDGE RADII, DRIPS, REGLETS, FINISHES, AND OTHER NON-STRUCTURAL ITEMS NOT SHOWN OR SPECIFIED ON STRUCTURAL DRAWINGS.

STRUCTURAL STEEL NOTES

- A. STRUCTURAL STEEL MEMBERS MUST CONFORM TO THE FOLLOWING:
 - 1. W-SHAPES - ASTM A992/A992M
 - 2. CHANNELS, ANGLES, PLATES, BARS - ASTM A36/A36M
 - 3. HOLLOW STRUCTURAL SECTIONS - ASTM A500 GRADE B
 - 4. STEEL PIPE - ASTM A53/A53M, TYPE E OR S, GRADE B
 - 5. WELD ELECTRODES - E70XX
 - 6. BOLTS - ASTM A307 GRADE A
 - 7. RODS - ASTM A193/A193M
 - 8. NUTS - ASTM A563
 - 9. WASHERS - ASTM F436
- B. FIELD WELDS MUST BE DONE BY CERTIFIED WELDERS.
- C. HOT-DIP GALVANIZED STRUCTURAL STEEL MEMBERS.
- D. FIELD VERIFY DIMENSIONS AND CONDITIONS PRIOR TO FABRICATION OR PREPARATION OF SHOP DRAWINGS FOR STRUCTURAL STEEL WORK AND SUBMIT TO CONTRACTING OFFICER FOR REVIEW AND COMMENT PRIOR TO FABRICATION.

COLD-FORMED STEEL NOTES

- A. COLD-FORMED STEEL MEMBERS MUST COMPLY WITH ASTM C955 AND ASTM A1003/A003M.
- B. COLD-FORMED STEEL MEMBERS MUST BE G90 GALVANIZED IN ACCORDANCE WITH A653/A653M.
- C. PROVIDE COLD-FORMED STEEL MEMBERS WITH MINIMUM YIELD STRENGTH OF 55 KSI.
- D. PROVIDE MILL CERTIFICATES OR DATA FROM A QUALIFIED INDEPENDENT TESTING AGENCY INDICATING STEEL SHEET COMPLIES WITH REQUIREMENTS, INCLUDING BASE-METAL THICKNESS, YIELD STRENGTH, TENSILE STRENGTH, TOTAL ELONGATIONS, CHEMICAL REQUIREMENTS, AND METALLIC-COATING THICKNESS.
- E. MEMBERS MUST BE VISUALLY CHECKED FOR CRACKS IN THE STEEL AT BENDS. MEMBERS WITH CRACKS MUST NOT BE USED FOR STRUCTURAL FRAMING. MEMBERS WITH SURFACE RUST ON THE GALVANIZED FINISH AND/OR SCALING RUST ON THE CUT ENDS MUST NOT BE USED FOR STRUCTURAL FRAMING.
- F. PROVIDE FULL HEIGHT, SQUARE CUT, FULL CONTACT BEARING WEB STIFFENERS, OF THE SAME THICKNESS AND DEPTH AS THE FRAMING MEMBER AT EACH REACTION POINTS AND/OR AT POINTS OF CONCENTRATED LOADS WHERE INDICATED ON THE DRAWINGS.
- G. PROVIDED END BLOCKING WHERE JOIST END IS NOT RESTRAINED FROM ROTATION.
- H. SPLICES IN FRAMING MEMBERS ARE NOT PERMITTED.
- I. FLAME CUTTING OF THE ENDS OF LOAD-BEARING STUDS IS NOT PERMITTED.
- J. DO NOT CUT SHEARWALL STUDS, TRACKS, STRAPS, ETC., WITHOUT WRITTEN AUTHORIZATION FROM THE CONTRACTING OFFICER.

STANDARDS AND REFERENCES

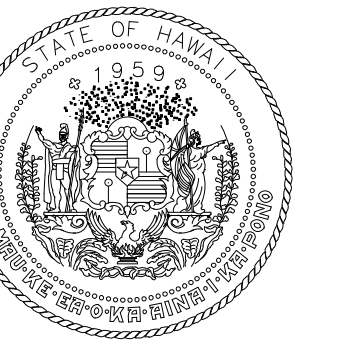
- A. IBC 2018, INTERNATIONAL BUILDING CODE, INTERNATIONAL CODE COUNCIL, 2018 EDITION
- B. CHAPTER 180 OF TITLE 3, HAWAII ADMINISTRATIVE RULES, ENTITLED "STATE BUILDING CODE", DATED OCTOBER 13, 2009
- C. ASCE 7-16, AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES
- D. AISC 360-16, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
- E. AWS D1.1, AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE-STEEL
- F. AISI S100 -16, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, 2016 EDITION
- G. AISI S400-15/S1-16, NORTH AMERICAN STANDARD FOR SEISMIC DESIGN OF COLD-FORMED STEEL STRUCTURAL SYSTEMS, 2015, WITH SUPPLEMENT 1, DATED 2016

DESIGN LOADS

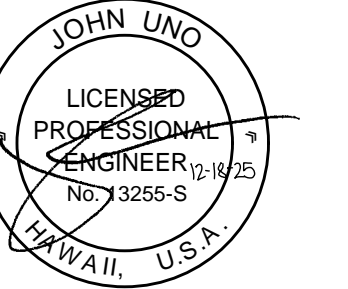
- A. ROOF LIVE LOAD = 20 PSF
- B. RISK CATEGORY II
- C. WIND LOADS:
 - 1. BASIC DESIGN WIND SPEED, V = 150 MPH
 - 2. ALLOWABLE STRESS DESIGN WIND SPEED, V_{ASD} = 117 MPH
 - 3. WIND EXPOSURE CATEGORY C
 - 4. TOPOGRAPHIC FACTOR, K_{zt} = 1.00
 - 5. DIRECTIONALITY FACTOR, K_d = 0.85
 - 6. WINDBORNE DEBRIS REGION

SPECIAL INSPECTION

- A. PERFORM SPECIAL INSPECTIONS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 1704 OF THE INTERNATIONAL BUILDING CODE.
- B. RETAIN AND PAYMENT OF THIRD-PARTY SPECIAL INSPECTOR IS BY THE CONTRACTOR. NOTIFY THE SPECIAL INSPECTOR AND TESTING AGENCY AT LEAST 48 HOURS IN ADVANCE FOR SPECIAL INSPECTION WORK.
- C. SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK.
 - 1. WELDING
- D. SPECIAL INSPECTION DOES NOT RELIEVE THE GENERAL CONTRACTOR OF THE RESPONSIBILITY TO PERFORM QUALITY ASSURANCE AND TO COMPLETE CONSTRUCTION IN ACCORDANCE WITH PLANS AND SPECIFICATIONS, AND TO PROVIDE SAFETY ON THE JOB SITE.



STATE OF HAWAII
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NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

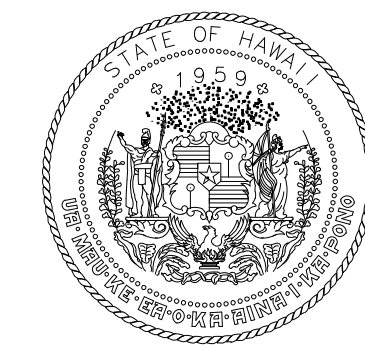
PROJECT NO.:

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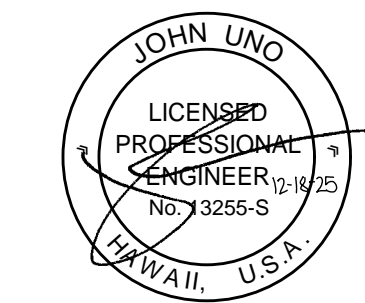
SHEET TITLE:

STRUCTURAL NOTES

DATE:	DWG. NO.
DEC 19, 2025	S001
SHEET:	
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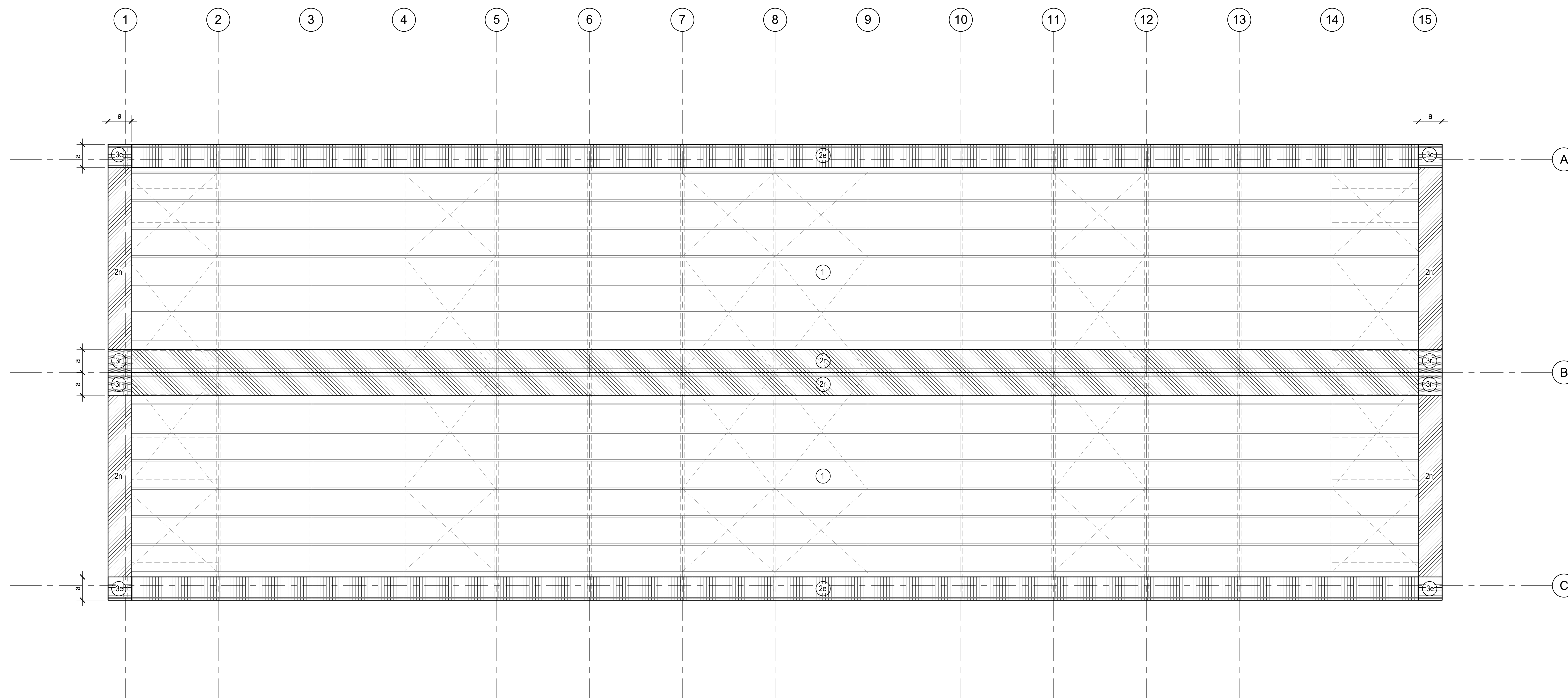
STATE OF HAWAII
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ROOF COMPONENT AND CLADDING WIND PRESSURES (PSF)							
ZONE	HATCH	EFFECTIVE WIND AREA					
		A < 20 SF		20 SF ≤ A < 100 SF		A ≥ 100 SF	
		(+)	(-)	(+)	(-)	(+)	(-)
1		40	-122	30	-122	22	-76
2e		40	-122	30	-122	22	-76
2n		40	-167	30	-152	22	-118
2r		40	-167	30	-152	22	-118
3e		40	-194	30	-169	22	-110
3r		40	-221	30	-188	22	-113

1 ROOF COMPONENT AND CLADDING WIND PRESSURES
1/8" = 1'-0"

NOTES:

- a = 7'-6"
- EFFECTIVE WIND AREA (SF) = MEMBER SPAN x EFFECTIVE WIDTH (NEED NOT BE LESS THAN ONE-THIRD SPAN LENGTH)
- (+) INDICATES TOWARD SURFACE
- (-) INDICATES AWAY FROM SURFACE

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**MKK TERMINAL BUILDING
ROOF REPLACEMENT**

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

**COMPONENT AND
CLADDING DESIGN
WIND PRESSURES**

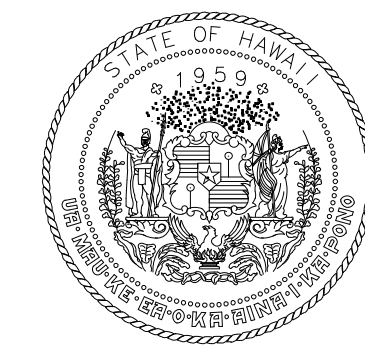
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DEC 19, 2025

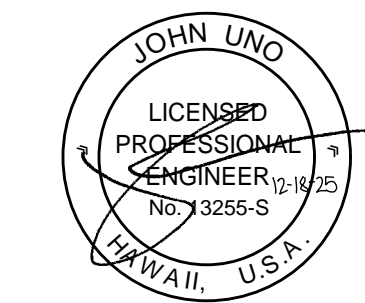
SHEET:

S002

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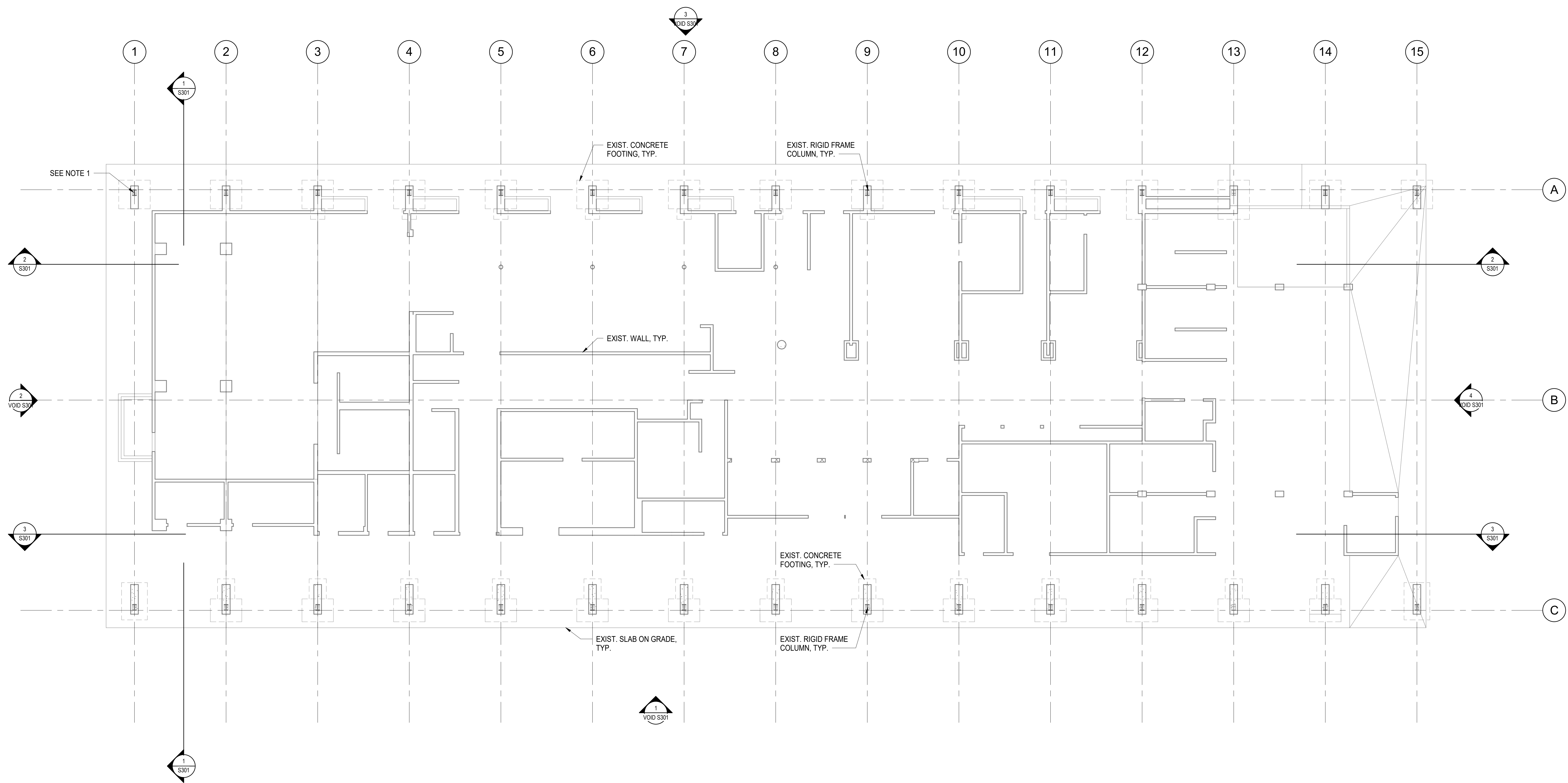
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1 EXISTING FOUNDATION PLAN
1/8" = 1'-0"

NOTE:
1. REMOVE EXISTING STONE FACADE TO EXPOSE CORRODED STEEL FRAME COLUMN. REMOVE SURFACE CORROSION IN ACCORDANCE WITH SSPC-SP3, APPLY HIGH-PERFORMANCE MARINE COATING AND RECONSTRUCT STONE FACADE IN-KIND.

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CONSTRUCTION DOCUMENTS
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MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

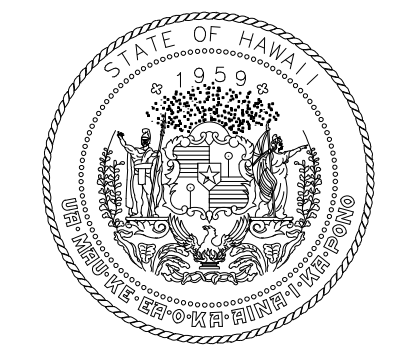
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CM2521-33

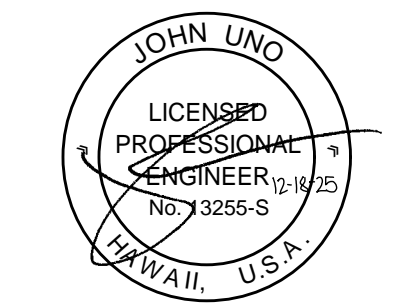
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**EXISTING
FOUNDATION PLAN**

DATE:	DWG. NO.
DEC 19, 2025	S101
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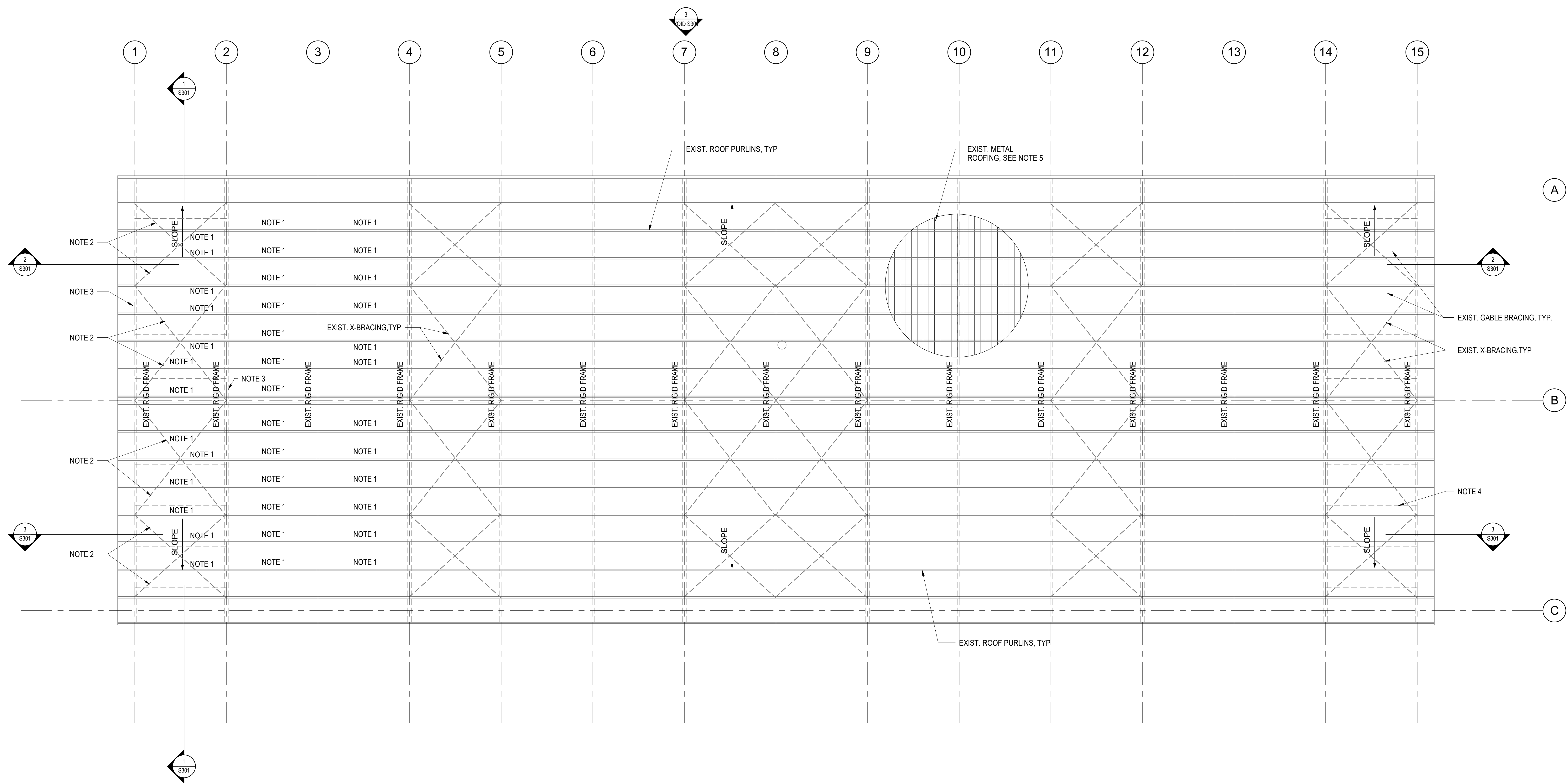
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DEPARTMENT OF TRANSPORTATION
AIRPORTS



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1 EXISTING ROOF FRAMING PLAN
1/8" = 1'-0"



- NOTES:
1. REMOVE EXISTING CORRODED 8"± Z-PURLIN WITH 12-GAUGE 8x2.5 Z-PURLIN SPACED AT 5 FEET ON CENTER. REPLACEMENT Z-PURLIN MUST BE CONTINUOUS OVER THREE SUPPORTS AND LAPPED WITH ADJACENT Z-PURLIN LARGER OF 2 FEET OR MANUFACTURER RECOMMENDATION. REMOVE FLANGE BRACING AND PROVIDE IN-KIND REPLACEMENT. SEE DRAWING S501.
 2. REMOVE EXISTING CORRODED X-BRACING AND PROVIDE N-KIND REPLACEMENT. ASSUME 3/4" DIAMETER STEEL RODS FOR BIDDING PURPOSES. VERIFY MEMBER SIZE IN FIELD.
 3. REMOVE SURFACE CORROSION FROM EXISTING RIGID FRAMES AND APPLY HIGH-PERFORMANCE MARINE COATING.
 4. REMOVE DAMAGED GABLE BRACING AND PROVIDE IN-KIND REPLACEMENT. ASSUME HSS8x4x5/16 FOR BIDDING PURPOSES. VERIFY MEMBER SIZE. SEE DRAWING S501.
 5. REMOVE EXISTING METAL ROOF AND PROVIDE REPLACEMENT PER ARCHITECTURAL DRAWINGS.
 6. VERIFY SIZES OF EXISTING MEMBERS REMOVED.

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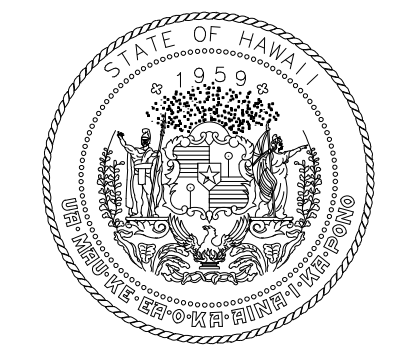
PROJECT NO.:

CM2521-33

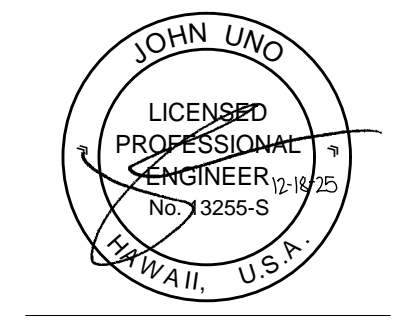
SHEET TITLE:

**EXISTING ROOF
FRAMING PLAN**

DATE:	DWG. NO.
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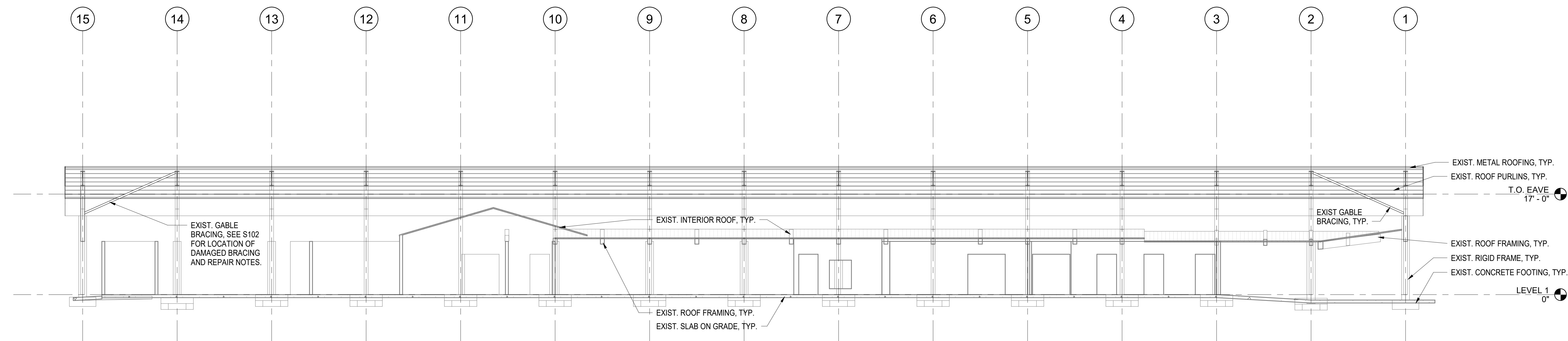


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

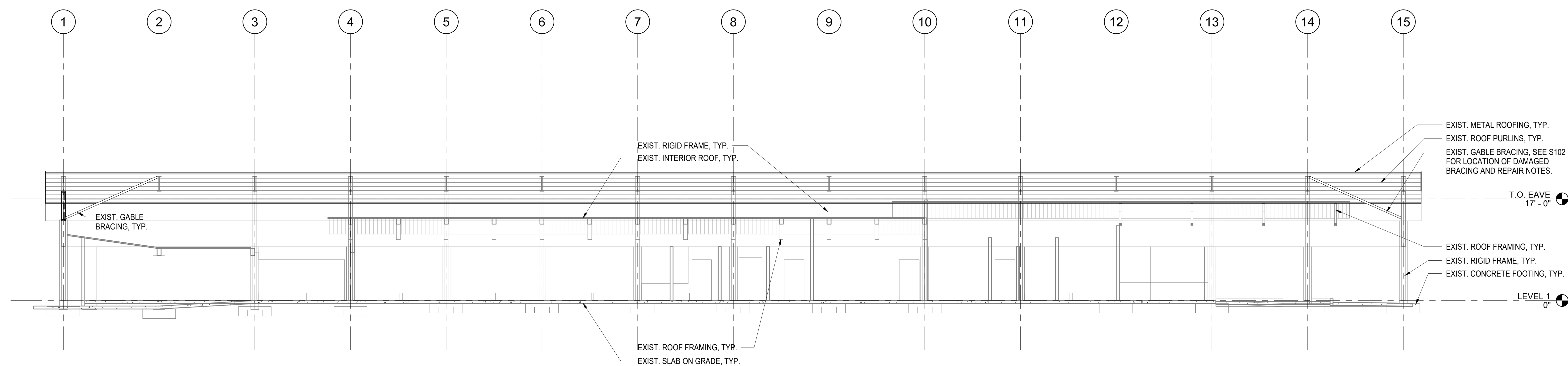


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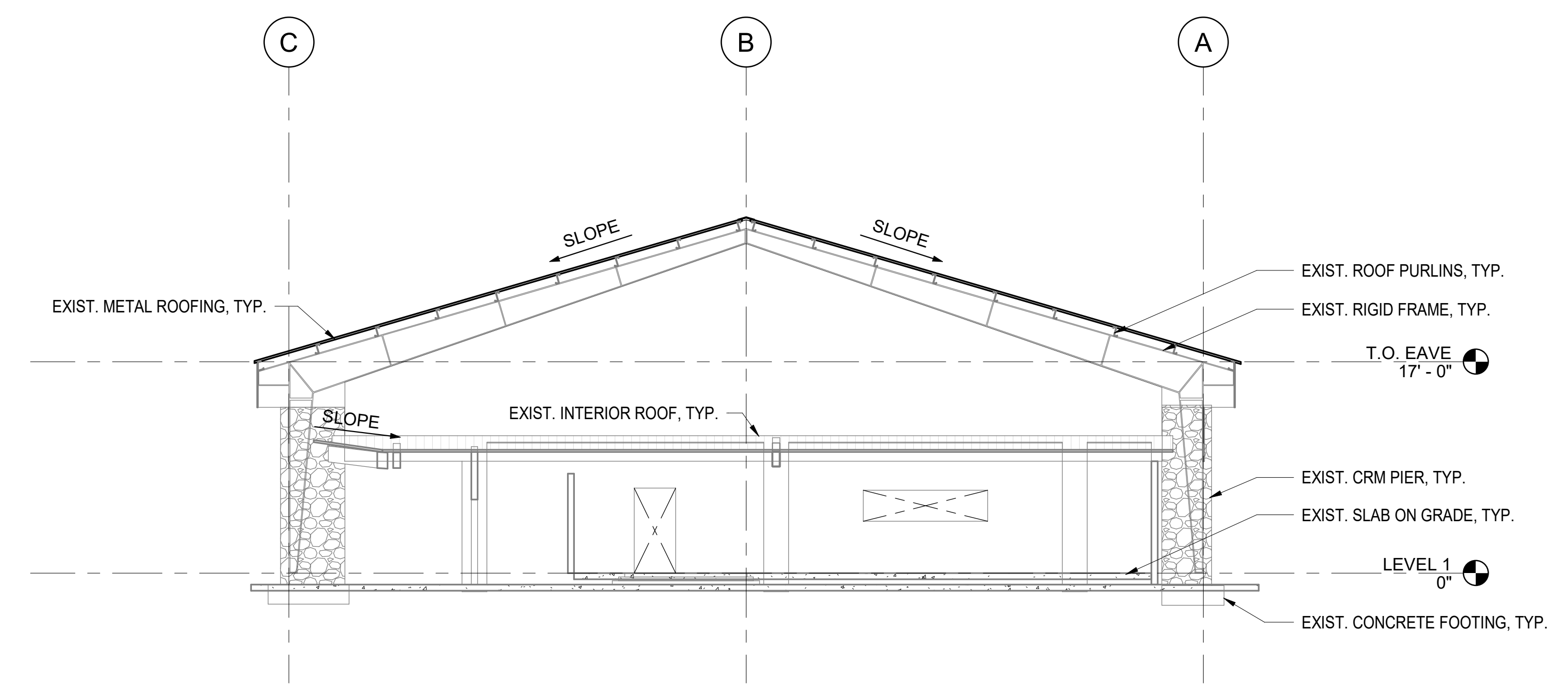
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AP	NS	JU	JU



3 EXISTING BUILDING SECTION
1/8" = 1'-0"



2 EXISTING BUILDING SECTION
1/8" = 1'-0"



1 EXISTING BUILDING SECTION
1/8" = 1'-0"

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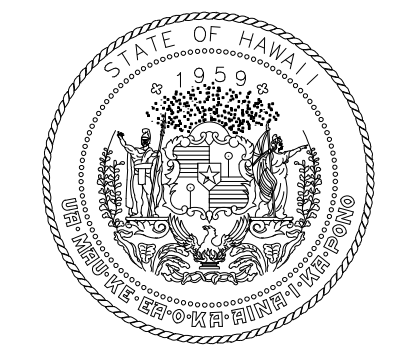
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EXISTING BUILDING SECTIONS

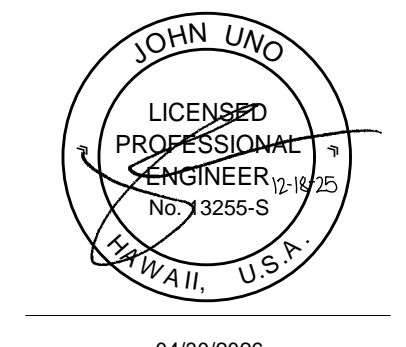
DATE: **DEC 19, 2025**

SHEET: **S301**

20 OF 30 SHTS

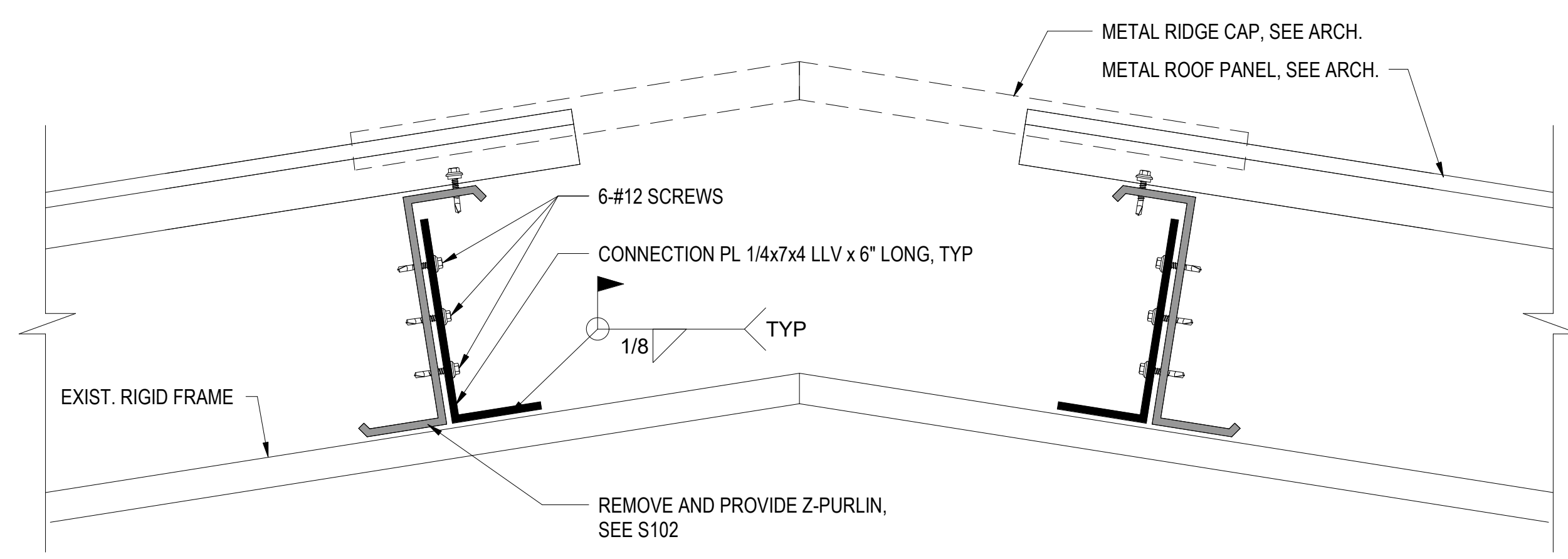


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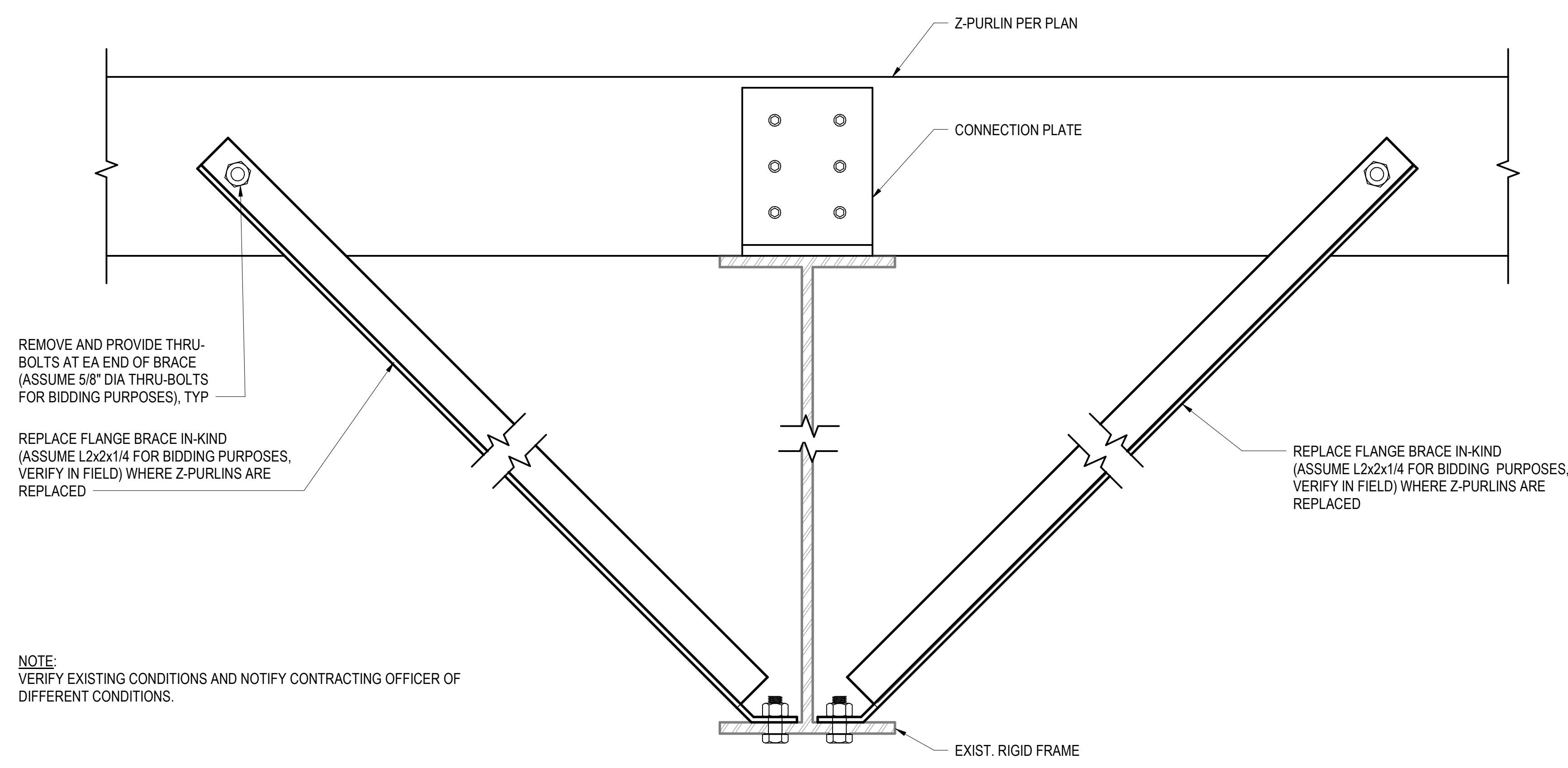


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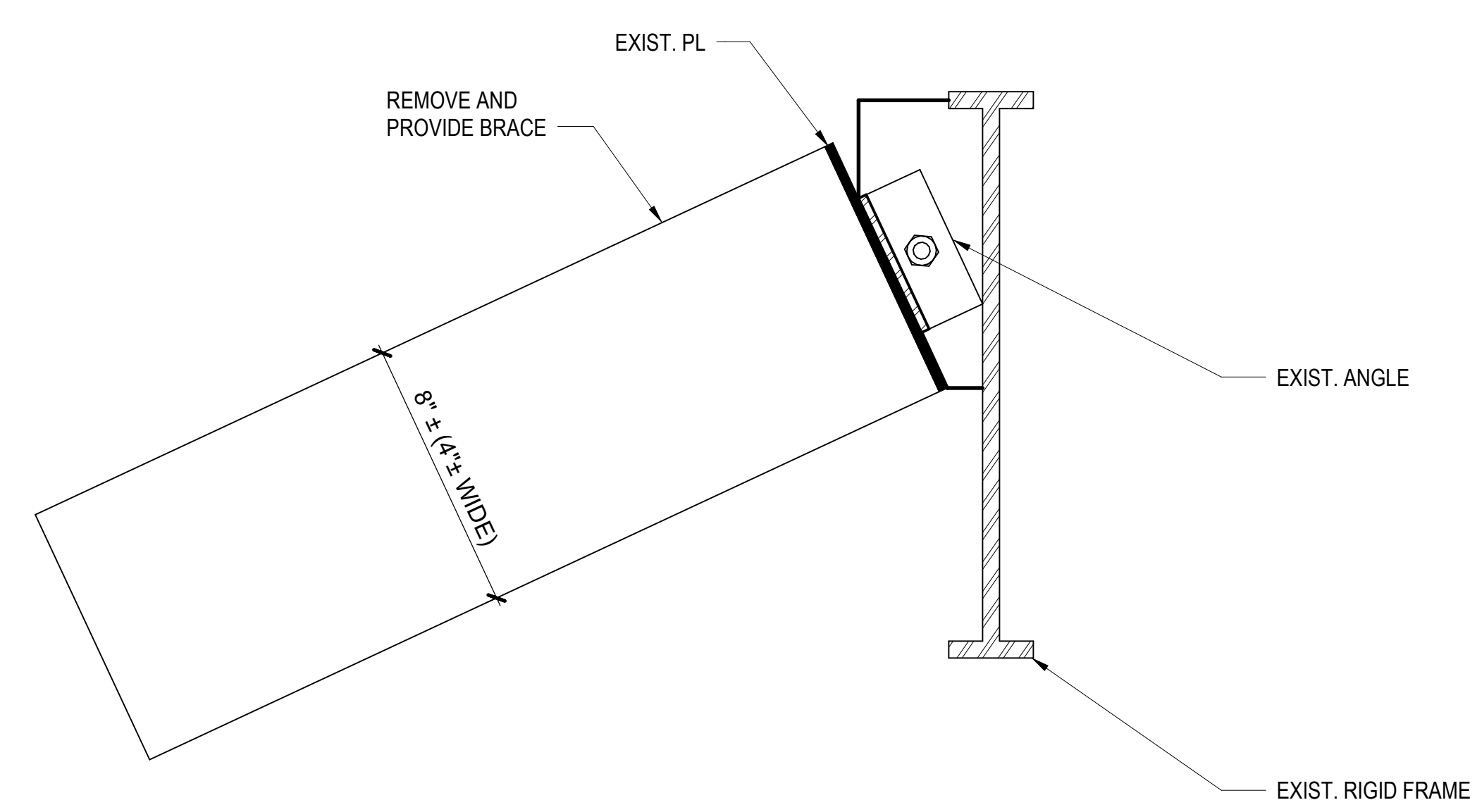
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AP	NS	JU	JU



1 Z-PURLIN CONNECTION DETAIL
3" = 1'-0"



2 FLANGE BRACE CONNECTION DETAIL
3" = 1'-0"



NOTE:
VERIFY EXISTING CONDITIONS AND NOTIFY CONTRACTING OFFICER OF DIFFERENT CONDITIONS. PROVIDE BRACE CONNECTION IN-KIND AT END WALL AND EXISTING RIGID FRAME. CONNECTION DETAIL AT RIGID FRAME PROVIDED FOR BIDDING PURPOSES.

3 GABLE BRACE TO MOMENT FRAME CONNECTION
3" = 1'-0"

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

DEC 19, 2025
DATE

PROJECT TITLE:

**MKK TERMINAL BUILDING
ROOF REPLACEMENT**

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

**ROOF CONNECTION
DETAILS**

DATE:	DWG. NO.
DEC 19, 2025	S501
SHEET:	
21 OF 30 SHTS	

GENERAL MECHANICAL NOTES:

- THE CONTRACTOR SHALL VISIT THE JOB SITE TO VERIFY ALL EXISTING FIELD CONDITION, DIMENSIONS AND OBSTRUCTIONS. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES PRESENT BEFORE DEMOLITION OF ANY SORT. SHOULD ANY UTILITIES BE DAMAGED IN THE PROCESS OF DEMOLITION, THE CONTRACTOR SHALL REPAIR THE UTILITIES AT NO ADDITIONAL COST TO THE STATE. ANY CLAIMS FILED DUE TO THE DISRUPTION OF THE UTILITY SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL DEMOLITION MATERIAL, COMPLYING WITH ALL FEDERAL, STATE AND LOCAL CODES.
- ALL MECHANICAL AND PLUMBING WORK SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION; AND ALL APPLICABLE CODES IN EFFECT; IBC, UMC, UPC, UFC, NFPA, OSHA AND THE STATE OF HAWAII DEPARTMENT OF HEALTH.
- ALL WORKMANSHIP SHALL BE OF THE HIGHEST STANDARDS. INSTALL ALL WORK IN A NEAT SYSTEMATIC AND ORDERLY ARRANGEMENT. ALL MATERIAL SHALL BE NEW AND OF THE BEST QUALITY AVAILABLE, FREE FROM ALL DEFECTS. THE CONTRACTOR SHALL GUARANTEE THE MATERIALS AND INSTALLATION FOR ONE YEAR FROM THE PROJECT ACCEPTANCE DATE AGAINST ANY DEFECTS DUE TO FAULTY MATERIALS, EQUIPMENT, WORKMANSHIP OF INSTALLATION. UPON THE NOTICE OF THE DEFECT, THE CONTRACTOR SHALL REPLACE OR REPAIR THE DEFECTIVE ITEM AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE WORK OF ALL OTHER TRADES. SHOULD ANY DISCREPANCIES BE DISCOVERED IN THE BID DOCUMENTS (ARCHITECTURAL, CIVIL, STRUCTURAL, ELECTRICAL, MECHANICAL) THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER BEFORE PROCEEDING ANY FURTHER WITH THE WORK, OTHERWISE THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COST INVOLVED WITH THE CORRECTION OF THE CONSTRUCTION INSTALLATION.
- ALL EQUIPMENT, DUCTWORK, PIPING ETC. SHALL BE SUPPORTED FROM THE BUILDING STRUCTURAL MEMBERS. ALL PATCHWORK SHALL MATCH THE EXISTING ADJACENT SURFACE IN TEXTURE AND COLOR UNLESS INDICATED OTHERWISE. COORDINATE ALL PATCHWORK WITH THE ARCHITECTURAL DRAWINGS. PAINT ALL EXPOSED SURFACES TO MATCH THE ADJACENT SURFACES UNLESS INDICATED OTHERWISE. PROVIDE CORROSION PROTECTION ON ALL EXPOSED SURFACES AS INDICATED IN THE SPECIFICATIONS.
- THE CONTRACTOR SHALL PERFORM TEST ON ALL MECHANICAL SYSTEMS AS REQUIRED BY FEDERAL, STATE AND LOCAL CODES AND REGULATIONS. ALL TEST SHALL BE WITNESSED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE ALL SERVICES AND MATERIALS REQUIRED BY THE TEST AND CERTIFY IN WRITING THAT ALL WORK HAS PASSED ALL REQUIRED TEST. TESTING AND BALANCING OF THE WATER SYSTEMS SHALL BE COMPLETED BY A THIRD PARTY INDEPENDENT NEBB OR AABC CERTIFIED CONTRACTOR, RETAINED BY THE CONTRACTOR.
- ALL PIPE, DUCT, CONDUIT, ETC PENETRATIONS THRU ASSEMBLIES (LISTED IN IBC 2018 SEC. 714.4) AND FIRE RESISTANCE RATED WALL ASSEMBLIES (LISTED IN IBC 2018 SEC. 714.3) SHALL BE PROTECTED BY METHODS DESCRIBED IN IBC 2018 SEC. 714. PENETRATIONS SHALL NOT BE MADE WHERE PROHIBITED BY THE BUILDING CODE.
- CAP ALL PIPE AND DUCT ENDS AND OPENINGS UNTIL NEW PIPE OR DUCT IS RECONNECTED. ENSURE THAT ALL CONNECTIONS ARE FREE OF DUST AND DEBRIS PRIOR TO RECONNECTION.
- PROVIDE WIRE MOLDING / CONDUITS FOR FINISHED AREAS AND JUNCTION BOXES AS REQUIRED FOR ALL POWER AND CONTROL WIRING. COORDINATE WITH ELECTRICAL SPECIFICATIONS AND MATCH ACCORDINGLY. ALL CONTROL WIRING 120V AND GREATER SHALL BE INSTALL BE A LICENSED ELECTRICAL CONTRACTOR.
- PROVIDE ACCESS PANELS FOR ALL CLEANOUTS AND SHUTOFF VALVES LOCATED IN THE WALLS AND CEILINGS. CONCEAL ALL PIPING IN PUBLIC SPACES. WHERE IMPRACTICAL TO CONCEAL PIPING, ROUTE PIPING AS HIGH AS POSSIBLE. NO TRAPS IN THE PIPING ARE ALLOWED.
- PROVIDE IDENTIFICATION FOR ALL PIPING BY MEANS OF COLORED, WATERPROOF, ALL TEMPERATURE, SELF ADHERING LABEL AND DIRECTIONAL ARROWS OR BY PAINTING USING CONTRACTING COLORS, 3/8" MINIMUM HEIGHT STENCIL LETTERING.
- PROVIDE SEISMIC BRACING ON ALL EQUIPMENT, DUCTWORK, PIPING, ETC. AS REQUIRED BY THE 2012 INTERNATIONAL BUILDING CODE AND AS DETAILED BY SMACNA STANDARDS.
- ALL CONTROL WIRING SHALL BE IN RIGID CONDUIT. PLENUM TYPE WIRING AND INSTALLATION IS NOT ACCEPTABLE.

EXHAUST FANS:

NO.	MODEL NO.	LOCATION	TYPE	CFM	ESP (IN. WG)	APPROX RPM	DRIVE	SONES	ELECTRICAL				REMARKS
									HP	V	PH	HZ.	
EF 1	COOK 150C6B OR APPROVED EQUAL	--	DOWNBLAST	2,220	0.5"	1,725	BELT	--	0.5	115	1	60	INTEGRAL BACKDRAFT DAMPER INTERLOCK FAN WITH LIGHT SWITCH
EF 2	COOK 120C3B OR APPROVED EQUAL	--	DOWNBLAST	1,120	0.5"	1,725	BELT	--	0.25	115	1	60	INTEGRAL BACKDRAFT DAMPER INTERLOCK FAN WITH LIGHT SWITCH
EF 3	COOK 150C6B OR APPROVED EQUAL	--	DOWNBLAST	2,420	0.5"	1,725	BELT	--	0.75	115	1	60	INTEGRAL BACKDRAFT DAMPER INTERLOCK FAN WITH LIGHT SWITCH
EF 4	COOK 135C5B OR APPROVED EQUAL	--	DOWNBLAST	1,800	0.5"	1,725	BELT	--	0.5	115	1	60	INTEGRAL BACKDRAFT DAMPER INTERLOCK FAN WITH LIGHT SWITCH
EF 5	COOK 210RH9B OR APPROVED EQUAL	GREASE HOOD	UPBLAST	2,240	2.25"	1,725	BELT	--	2.0	115	1	60	INTEGRAL BACKDRAFT DAMPER INTERLOCK FAN WITH HOOD CONTROLS

GENERAL PLUMBING NOTES:

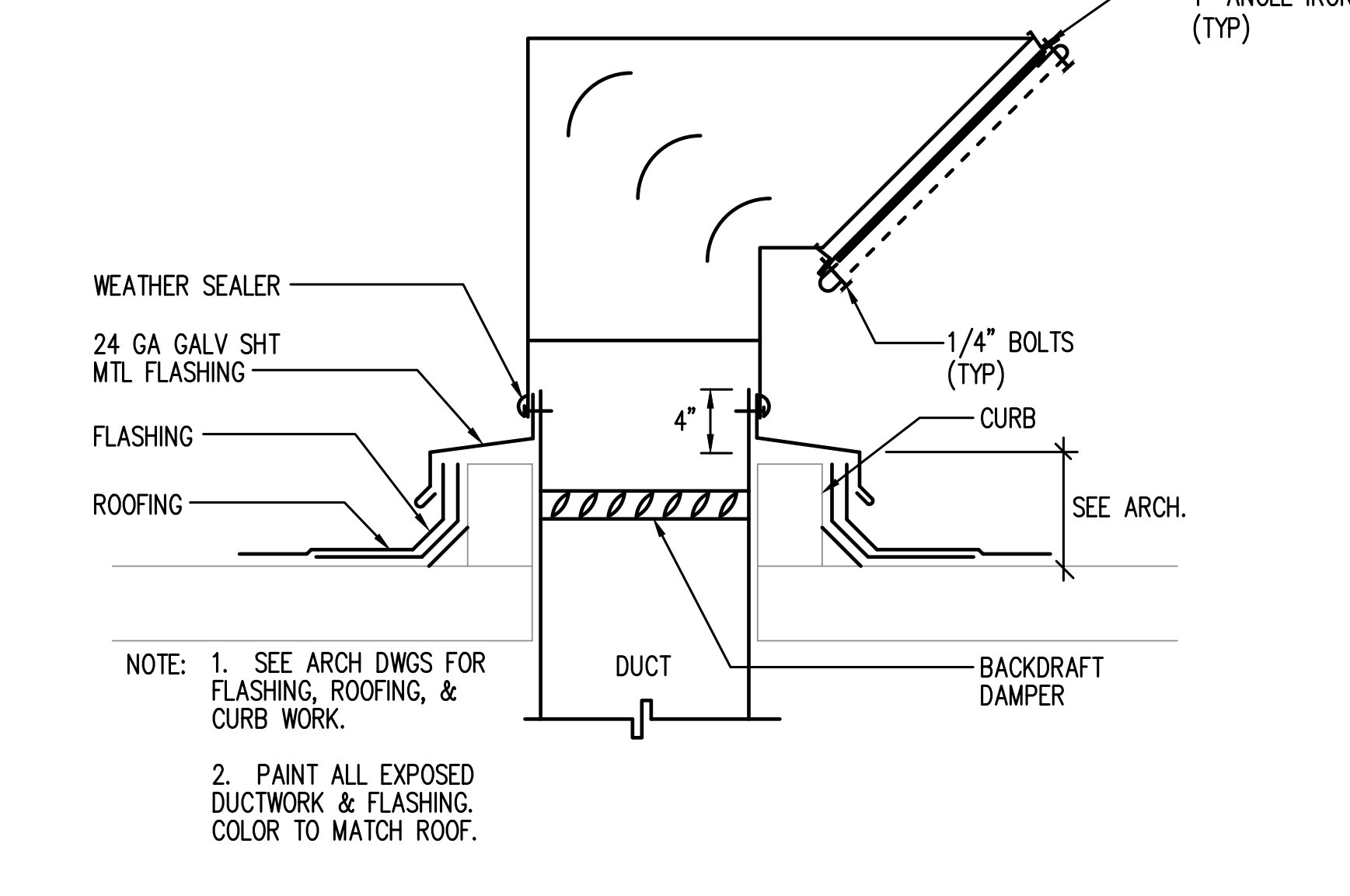
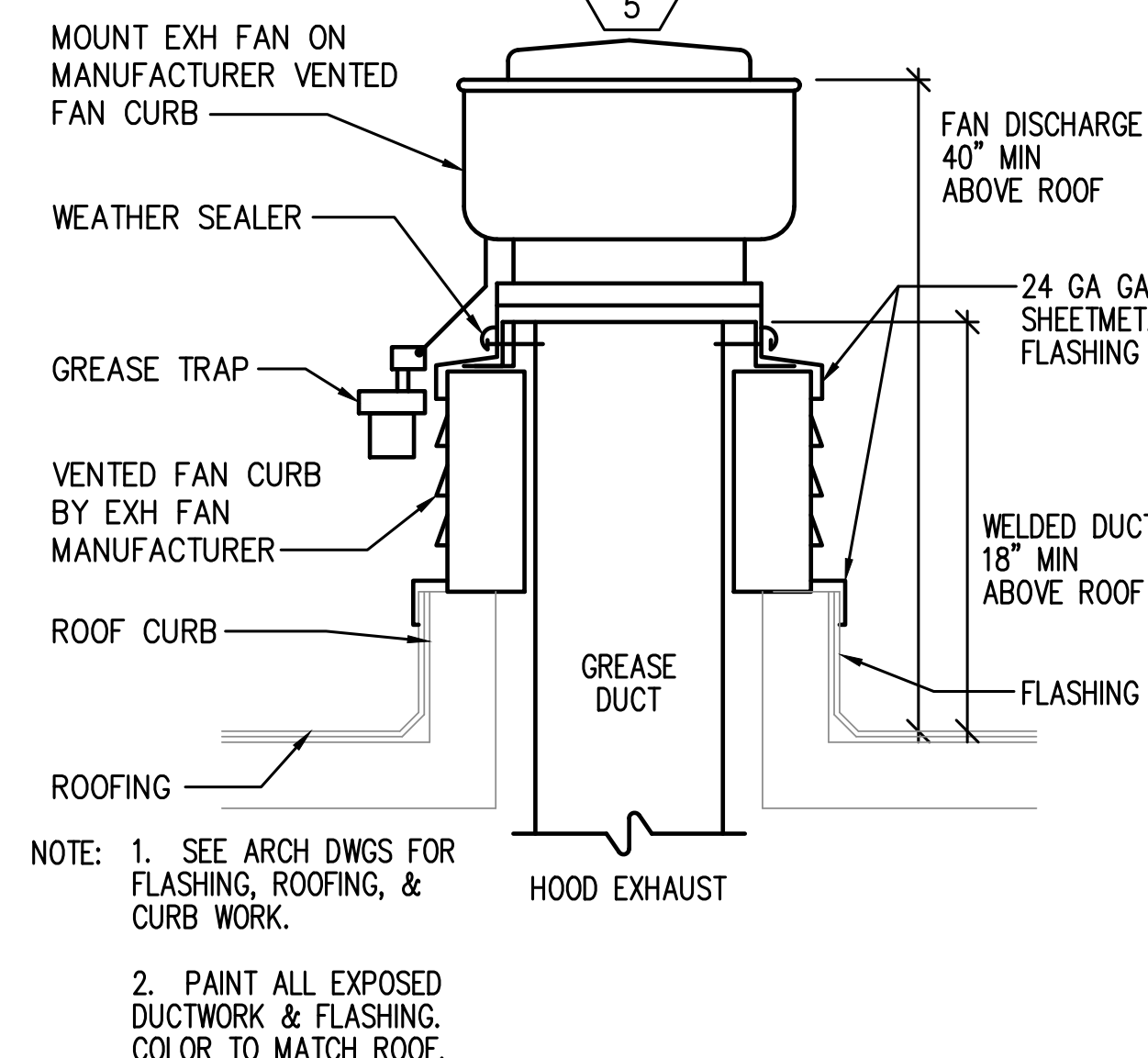
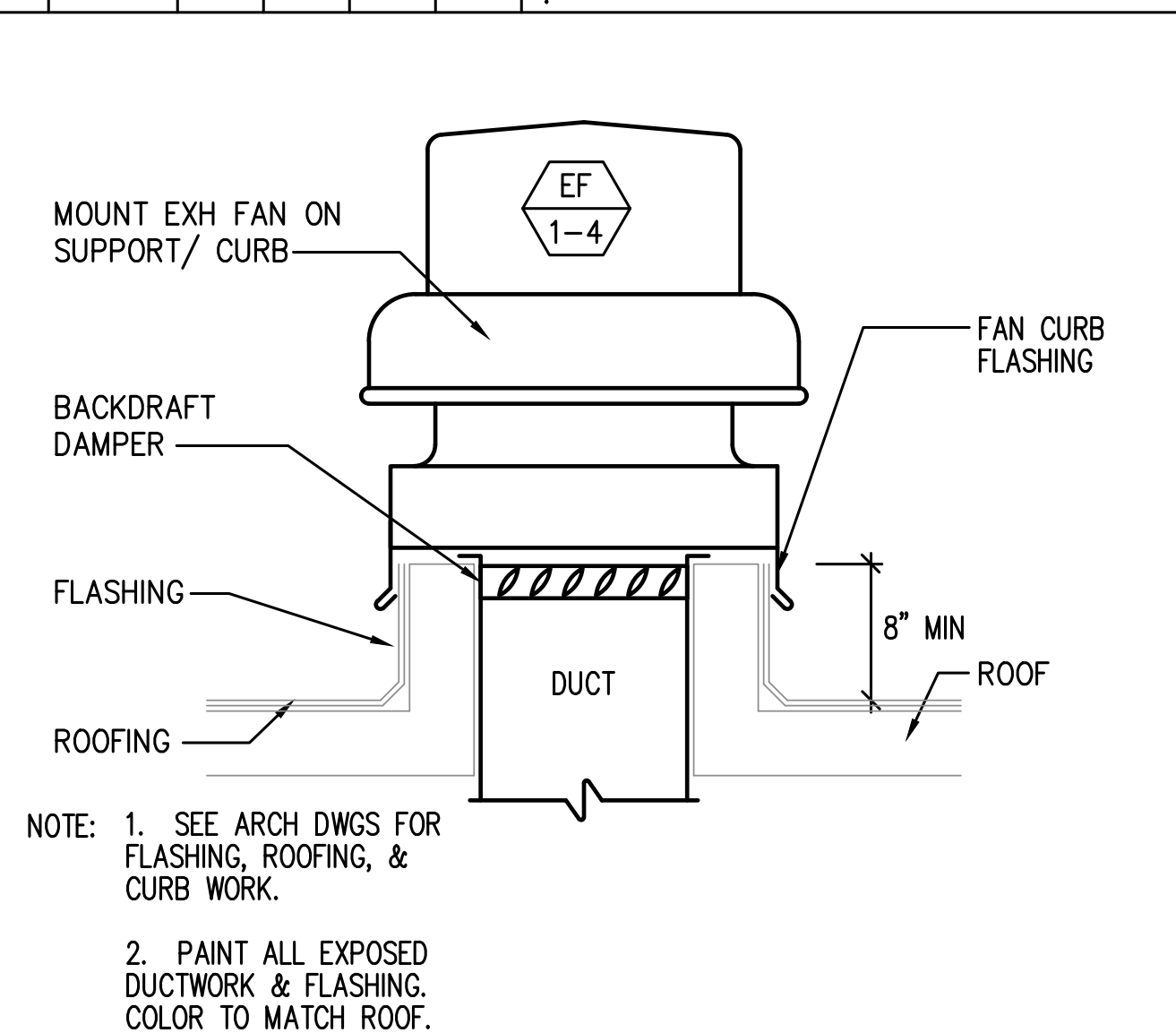
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MECHANICAL LEGEND & ABBREVIATIONS

SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	ABV	ABOVE		EXH	EXHAUST
	ACCU	AIR COOLED CONDENSING UNIT		EXIST	EXISTING
	AFF	ABOVE FINISHED FLOOR		EXT	EXTERIOR
	AHJ	AUTHORITY HAVING JURISDICTION		FCU	FAN COIL UNIT
	ARCH	ARCHITECT		FLR	FLOOR
	BOT	BOTTOM		MECH	MECHANICAL
	CD	CEILING DIFFUSER		MTD	MOUNTED
		/ CONDENSATE DRAIN		RR	RETURN REGISTER
	CFM	CUBIC FEET PER MINUTE		SF	SUPPLY FAN
	CLG	CEILING		SHT	SHEET
	CO	CLEANOUT		SR	SUPPLY REGISTER
	CONC	CONCRETE		STRUCT	STRUCTURAL
	CONN	CONNECT / CONNECTION		TG	TRANSFER GRILLE
	COORD	COORDINATE		TYP	TYPICAL
Ø	DIA	DIAMETER	_____		NEW EQUIPMENT / WORK
	DN	DOWN	-----		EXIST EQUIPMENT AND
	DWG	DRAWING	_____		WORK TO REMOVE
	EF	EXHAUST FAN	_____		EXIST EQUIPMENT AND
	ELEC	ELECTRICAL	_____		WORK TO REMAIN

PLUMBING LEGEND & ABBREVIATIONS

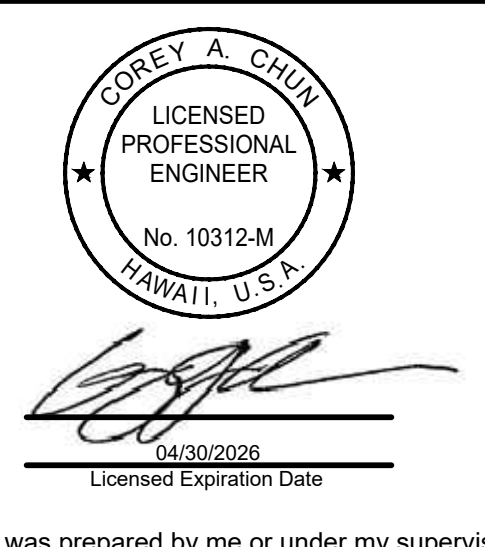
SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	ABV	ABOVE		FLR	FLOOR
	AFF	ABOVE FINISHED FLOOR		FS	FLOOR SINK
	ARCH	ARCHITECTURAL		MECH	MECHANICAL
	BEL	BELOW		MS	MOP SINK
	BFS	BOTTLE FILLING STATION		MTD	MOUNTED
	CLG	CEILING		RECONN	RECONNECT
	CONC	CONCRETE		SHT	SHEET
	CONN	CONNECTION		SK	SINK
	CONT	CONTINUATION		STRUCT	STRUCTURAL
	COORD	COORDINATE		TYP	TYPICAL
	DEMO	DEMOLITION		WCO	WALL CLEANOUT
	DIA	DIAMETER	_____		NEW EQUIP / WORK
	DN	DOWN	-----		EXIST WORK TO BE REMOVED
	DWG	DRAWING	_____		EXIST EQUIPMENT & WORK TO REMAIN
	EA	EACH	-----	CW	COLD WATER PIPE
	ELEC	ELECTRICAL	_____	S	SANITARY PIPE
	EQUIP	EQUIPMENT	-----	V	VENT PIPE
	EWV	ELECTRIC WATER COOLER	-----	CW	EXIST COLD WATER PIPE TO REMAIN
	EXIST	EXISTING	-----	HW	EXIST HOT WATER PIPE TO REMAIN
	FCO	FLOOR CLEANOUT	-----	S	EXIST SANITARY PIPE TO REMAIN
	FD	FLOOR DRAIN	-----	V	EXIST VENT PIPE TO REMAIN



A EXHAUST FAN DETAIL
M001 SCALE: NOT TO SCALE

B GREASE EXHAUST FAN DETAIL
M001 SCALE: NOT TO SCALE

C GENERATOR EXHAUST HOOD DISCHARGE DETAIL
M001 SCALE: NOT TO SCALE



This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
KP	KP	KK	CC

CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

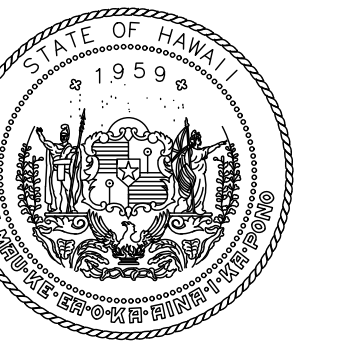
PROJECT NO.:

CM2521-33

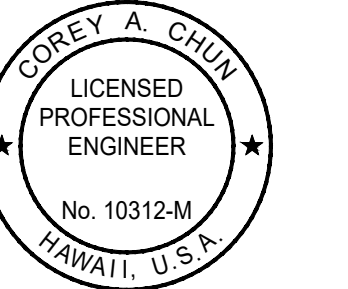
SHEET TITLE:

GENERAL NOTES, EQUIPMENT SCHEDULE

DATE:	DWG. NO.
DEC 19, 2025	M001
SHEET:	
22 OF 30 SHTS	



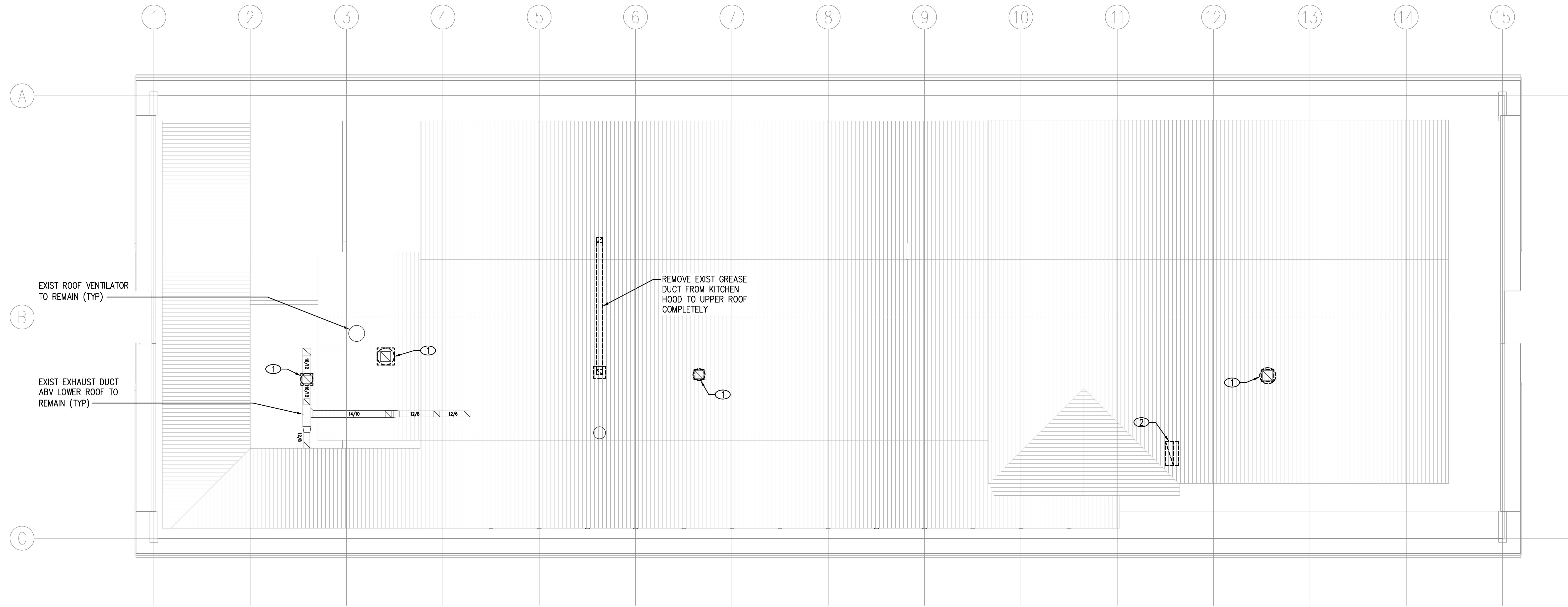
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



COREY A. CHILD
LICENSED PROFESSIONAL ENGINEER
No. 10312-M
HAWAII, U.S.A.
04/30/2025
License Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
KP	KP	KK	CC



A LOWER ROOF DEMOLITION PLAN
M101 SCALE: 1/8" = 1'-0"

- MECHANICAL DEMOLITION NOTES:**
- COORDINATE REMOVAL OF ALL MECHANICAL WORK (I.E. EQUIPMENT, PIPING, DUCTWORK AND ACCESSORIES) ABOVE THE CLG WITH ARCH DWGS AND CLG WORK. COORD THE REMOVAL OF EQUIPMENT WITH ELEC DWGS.
- ① REMOVE EXIST EF AT LOWER ROOF COMPLETELY INCLUDING ALL SUPPORTS, ACCESSORIES AND CONTROL WIRING. CAP EXIST DUCT END ABV LOWER ROOF TO REMAIN UNTIL RECONNECTED.
 - ② CUT, DISCONNECT AND REMOVE EXIST GENERATOR EXHAUST DUCT. CAP EXIST DUCT END ABV LOWER ROOF TO REMAIN UNTIL RECONNECTED.

NO.	DATE	REVISIONS

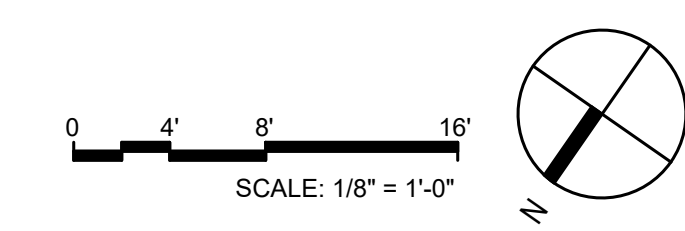
CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

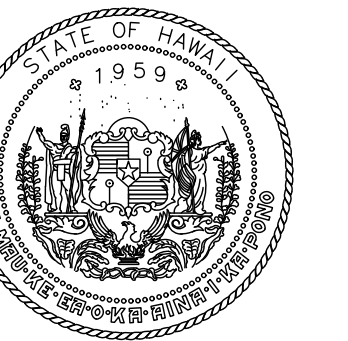
PROJECT TITLE:
MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:
CM2521-33

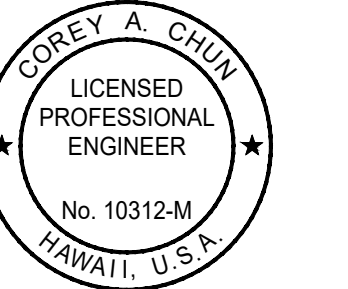
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LOWER ROOF DEMOLITION PLAN

DATE:	DWG. NO.
DEC 19, 2025	M101
SHEET:	23 OF 30 SHTS





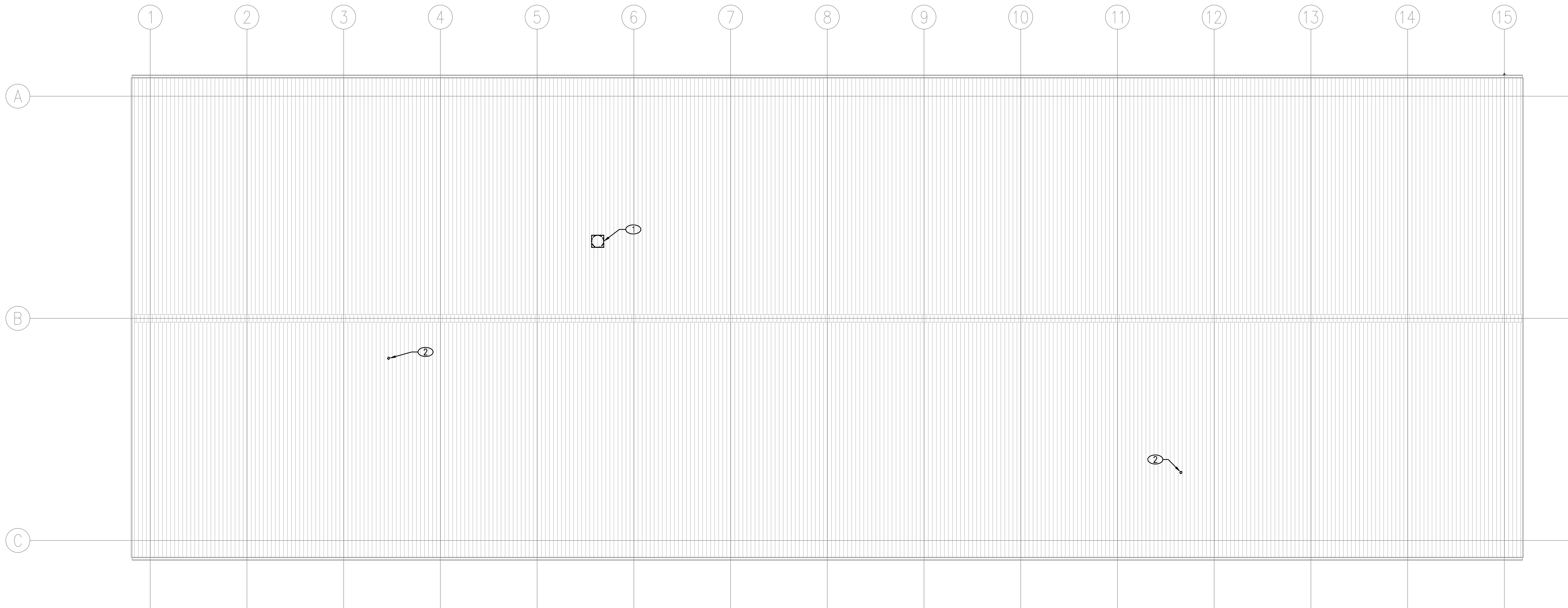
STATE OF HAWAII
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A UPPER ROOF DEMOLITION PLAN
M102 SCALE: 1/8" = 1'-0"

MECHANICAL DEMOLITION NOTES:

COORDINATE REMOVAL OF ALL MECHANICAL WORK (I.E. EQUIPMENT, PIPING, DUCTWORK AND ACCESSORIES) ABOVE THE CLG WITH ARCH DWGS AND CLG WORK. COORD THE REMOVAL OF EQUIPMENT WITH ELEC DWGS.

- ① REMOVE EXIST GREASE EF AT UPPER ROOF COMPLETELY INCLUDING ALL SUPPORTS, ACCESSORIES AND CONTROL WIRING. REMOVE EXIST GREASE DUCT AT EXIST KITCHEN HOOD COLLAR AND CAP UNTIL RECONNECTED.
- ② REMOVE EXIST VTR. CUT AND CAP EXIST V PIPE BEL ROOF TO REMAIN UNTIL RECONNECTED. TEMPORARILY SUPPORT VENT RISER UNTIL RECONNECTED.

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

DEC 19, 2025
DATE

PROJECT TITLE:

**MKK TERMINAL BUILDING
ROOF REPLACEMENT**

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

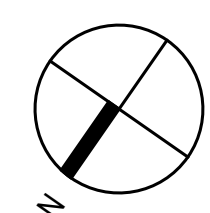
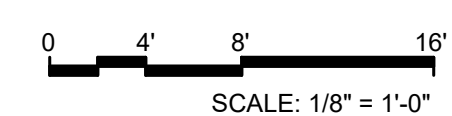
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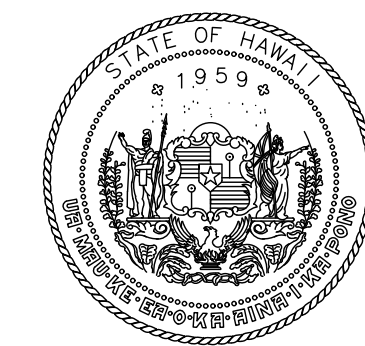
**UPPER ROOF
DEMOLITION PLAN**

DATE: DEC 19, 2025 DWG. NO.

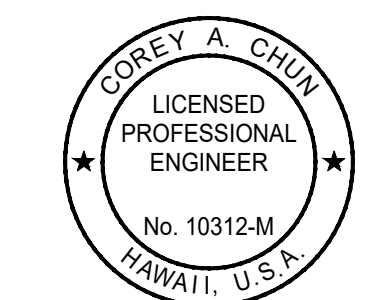
SHEET: M102

24 OF 30 SHTS





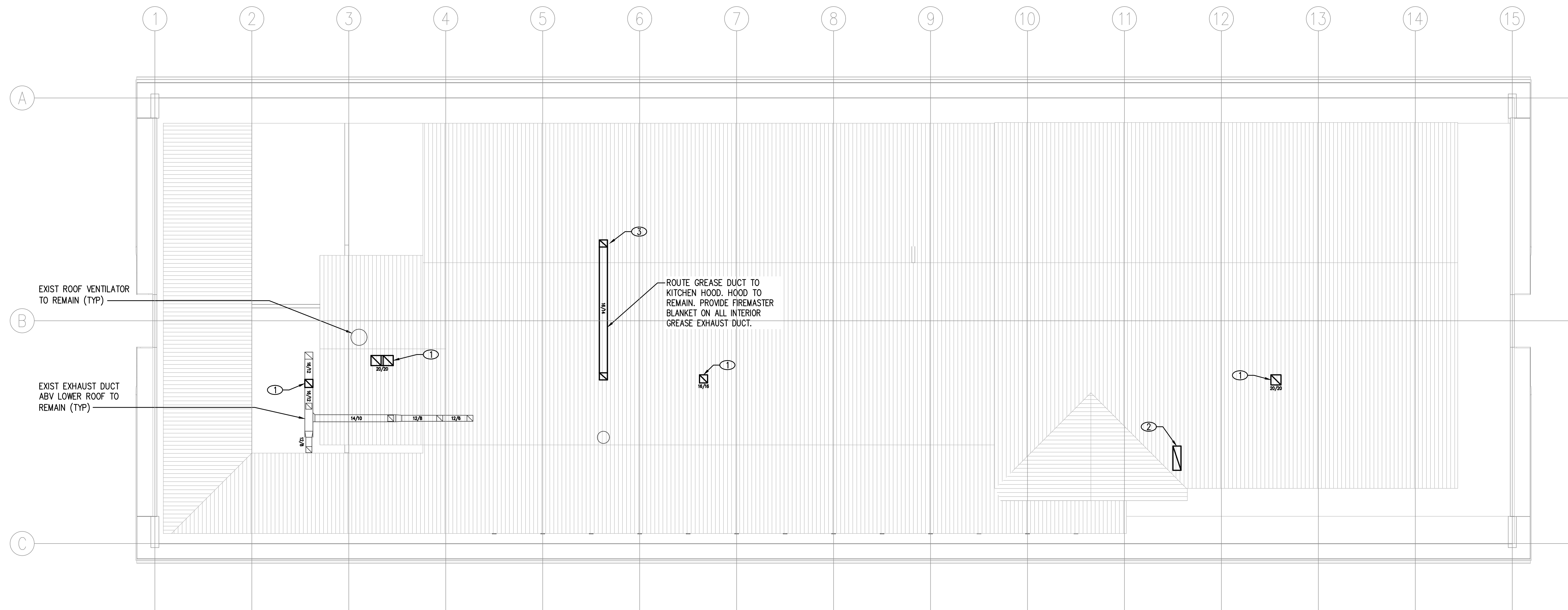
STATE OF HAWAII
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KP	KP	KK	CC



A LOWER ROOF MECHANICAL PLAN
M201 SCALE: 1/8" = 1'-0"

MECHANICAL WORK NOTES:

CONTRACTOR TO COORD INSTALLATION OF ALL MECHANICAL WORK WITH ARCH, STRUCT AND ELEC DWGS.

- ① CONN EXHAUST DUCT TO EXIST AND ROUTE ABV UPPER ROOF. MATCH EXIST DUCT SIZE AND ADJUST CONN SIZE ACCORDINGLY.
- ② CONN GENERATOR EXHAUST DUCT TO EXIST AND ROUTE UP ABV UPPER ROOF. MATCH EXIST DUCT SIZE AND ADJUST CONN SIZE ACCORDINGLY.
- ③ ROUTE GREASE EXHAUST DUCT FROM KITCHEN HOOD ABV UPPER ROOF. PROVIDE FIREMASTER BLANKET ON ALL INTERIOR GREASE EXHAUST DUCT. PROVIDE DUCT ACCESS PANELS AT ALL CHANGES IN DIRECTION.

NO.	DATE	REVISIONS
-----	------	-----------

CONSTRUCTION DOCUMENTS

DEC 19, 2025
DATE

PROJECT TITLE:

**MKK TERMINAL BUILDING
ROOF REPLACEMENT**

AT
MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:

CM2521-33

SHEET TITLE:

**LOWER ROOF
MECHANICAL PLAN**

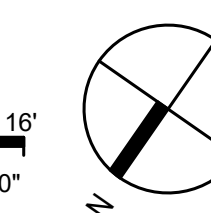
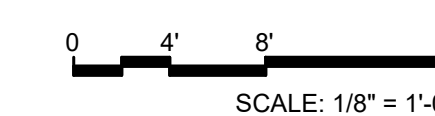
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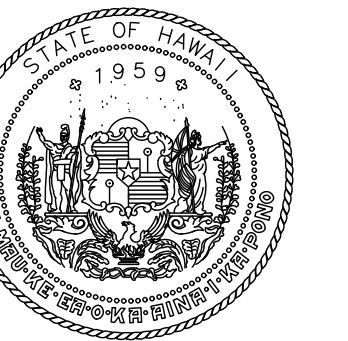
DEC 19, 2025

M201

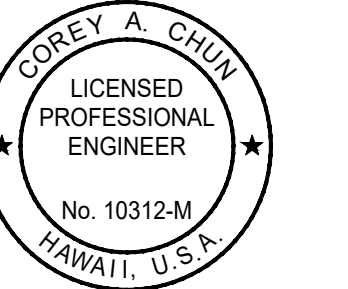
SHEET:

25 OF 30 SHTS





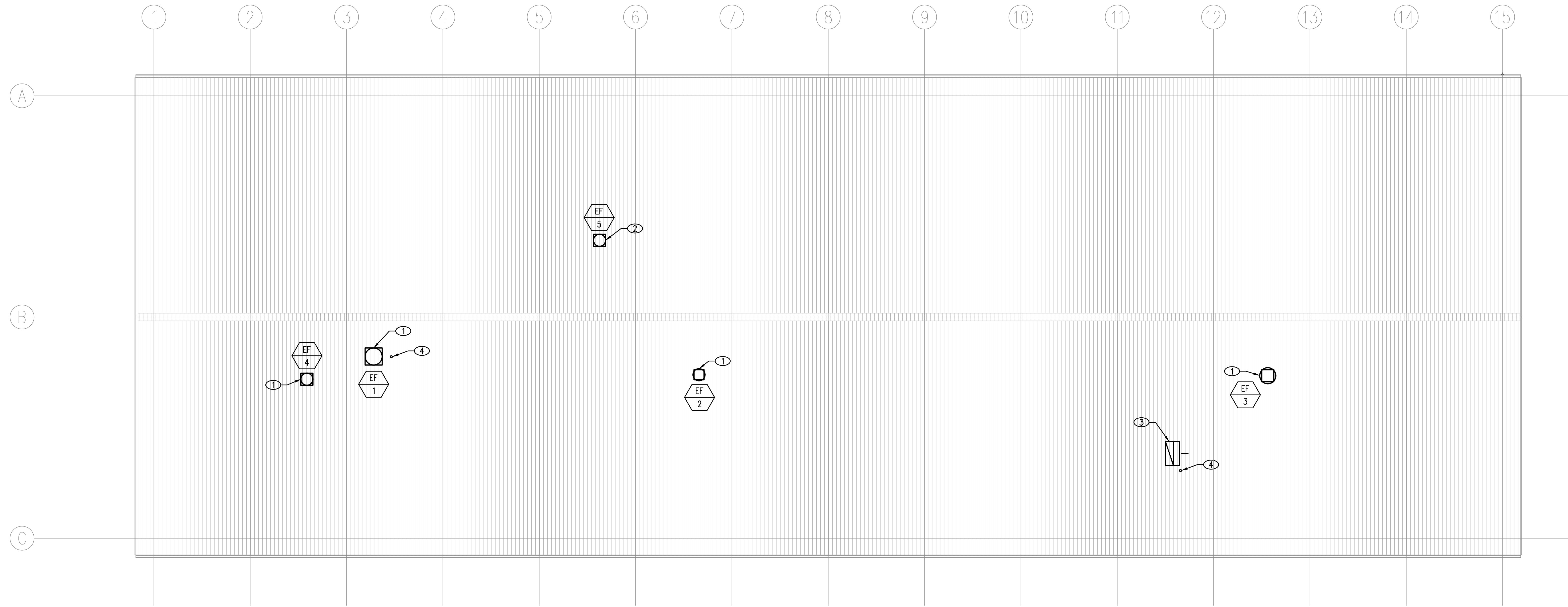
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DSGN.	DRWN.	CHKD.	APPD.
KP	KP	KK	CC



A UPPER ROOF MECHANICAL PLAN
M202 SCALE: 1/8" = 1'-0"

MECHANICAL WORK NOTES:

CONTRACTOR TO COORD INSTALLATION OF ALL MECHANICAL WORK WITH ARCH, STRUCT AND ELEC DWGS.

- ① PROVIDE EF AT UPPER ROOF COMPLETELY INCLUDING ALL SUPPORTS, ACCESSORIES AND CONTROL WIRING. ROUTE EXHAUST DUCT DN AND CONN TO EXIST.
- ② PROVIDE GREASE EF AT UPPER ROOF COMPLETELY INCLUDING ALL SUPPORTS, ACCESSORIES AND CONTROL WIRING. PROVIDE HINGED ASSEMBLY AS PER UL 762. ROUTE GREASE DUCT DN AND CONN TO EXIST KITCHEN HOOD COLLAR. ADJUST CONN SIZE ACCORDINGLY.
- ③ PROVIDE 45° DISCHARGE HOOD WITH BIRDSCREEN AT GENERATOR EXHAUST DUCT ABV UPPER ROOF. MATCH EXIST DUCT SIZE AND ADJUST CONN SIZE ACCORDINGLY.
- ④ PROVIDE VTR AT UPPER ROOF COMPLETELY. ADJUST CONN SIZE ACCORDINGLY.

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PROJECT TITLE:

MKK TERMINAL BUILDING ROOF REPLACEMENT

AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

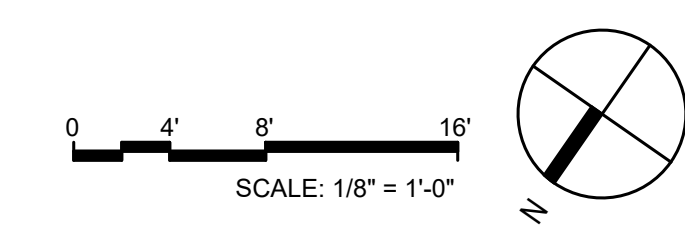
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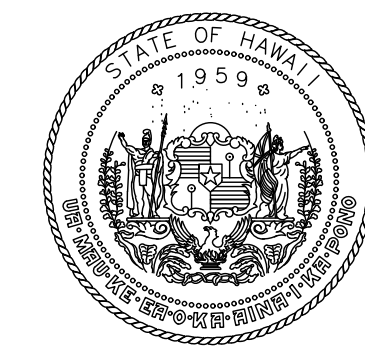
CM2521-33

SHEET TITLE:

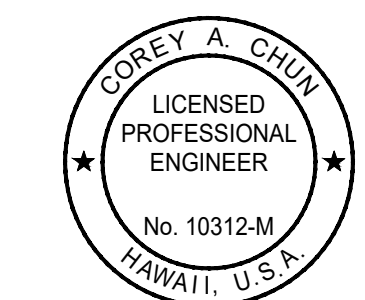
UPPER ROOF MECHANICAL PLAN

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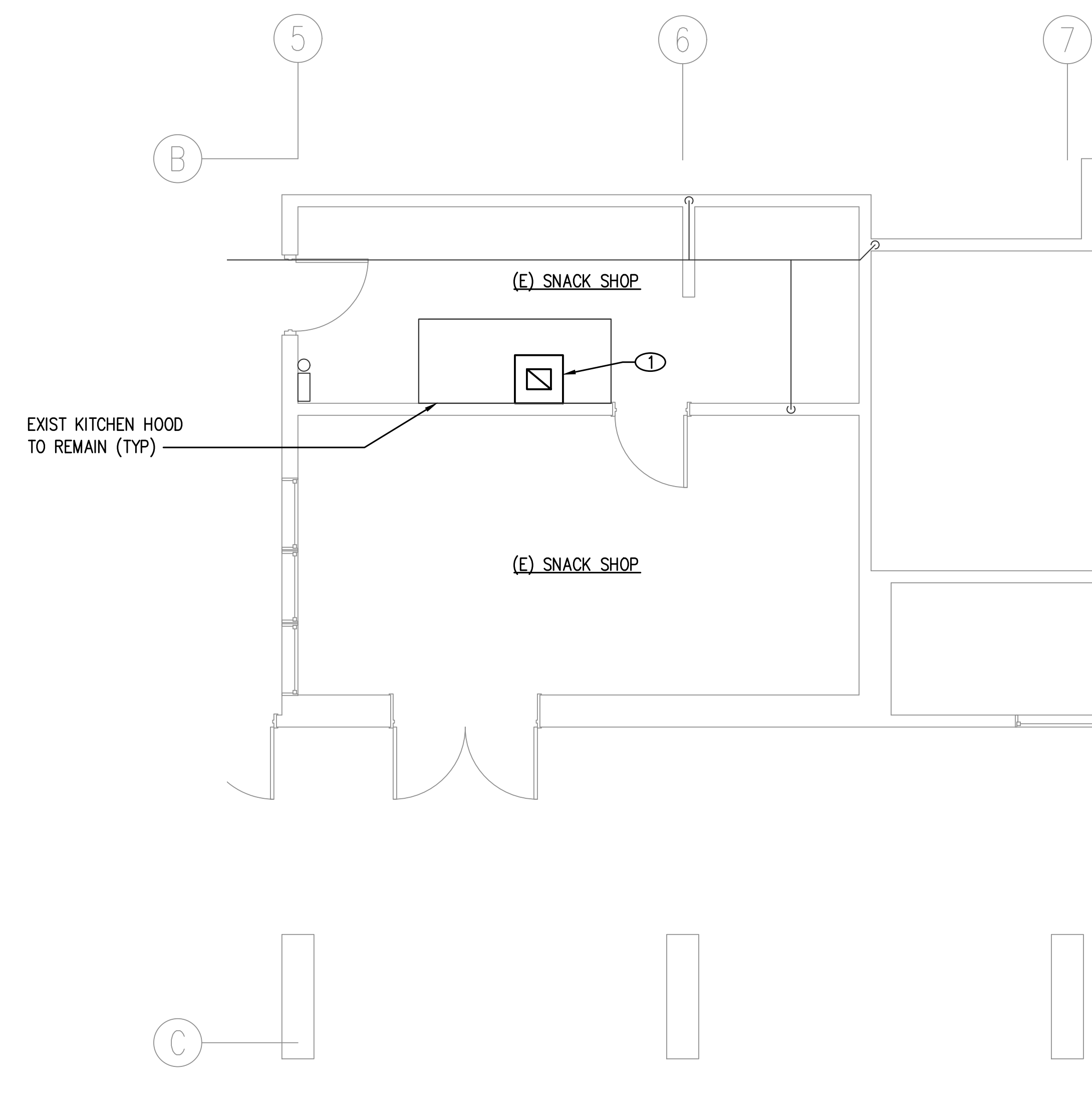
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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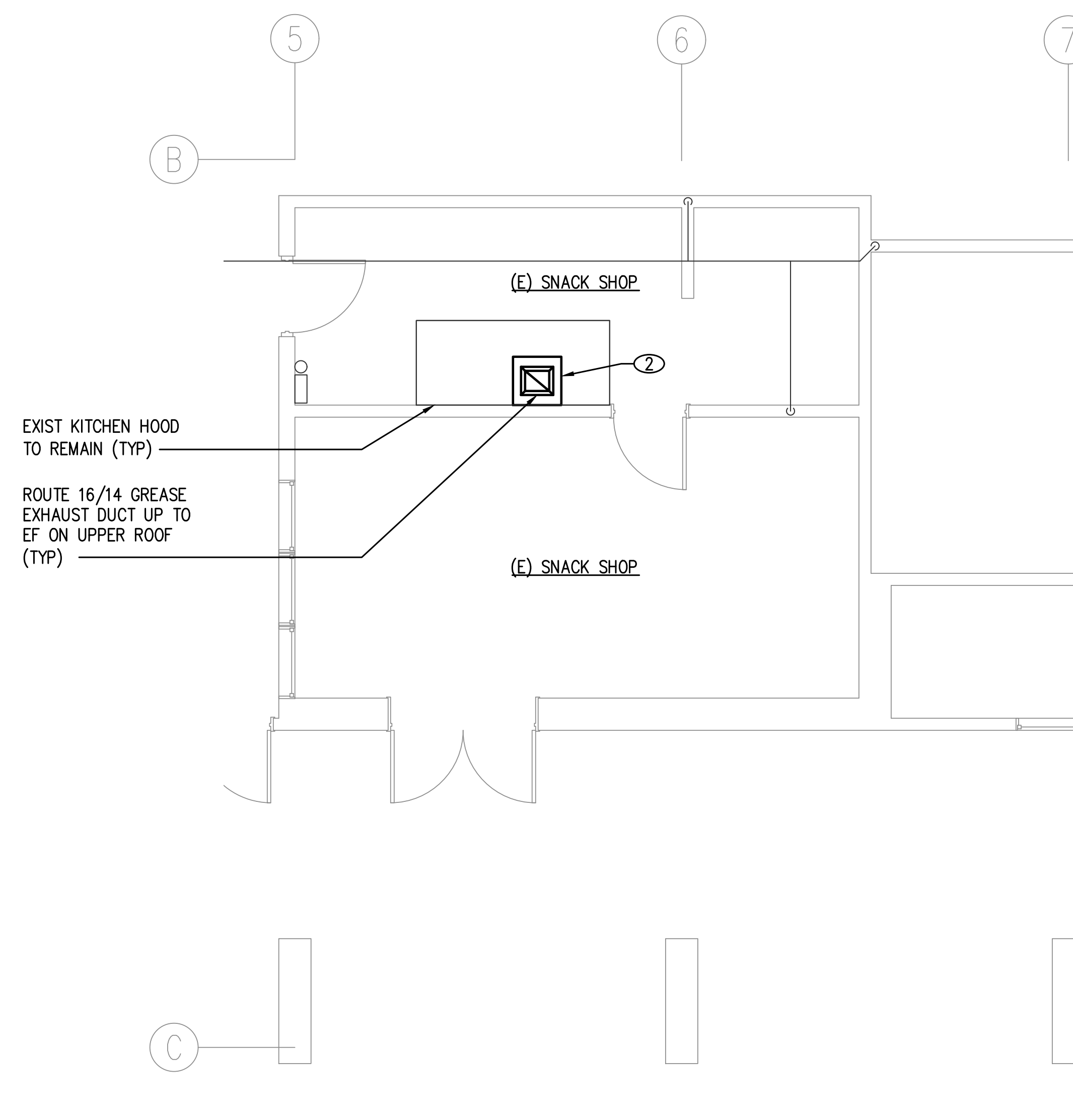
COREY A. CHILD
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No. 10312-M
HAWAII, U.S.A.
04/30/2025
License Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
KP	KP	KK	CC



A KITCHEN MECHANICAL DEMOLITION FLOOR PLAN
M301 SCALE: 1/4" = 1'-0"



B KITCHEN MECHANICAL FLOOR PLAN
M301 SCALE: 1/4" = 1'-0"

MECHANICAL DEMOLITION NOTES:

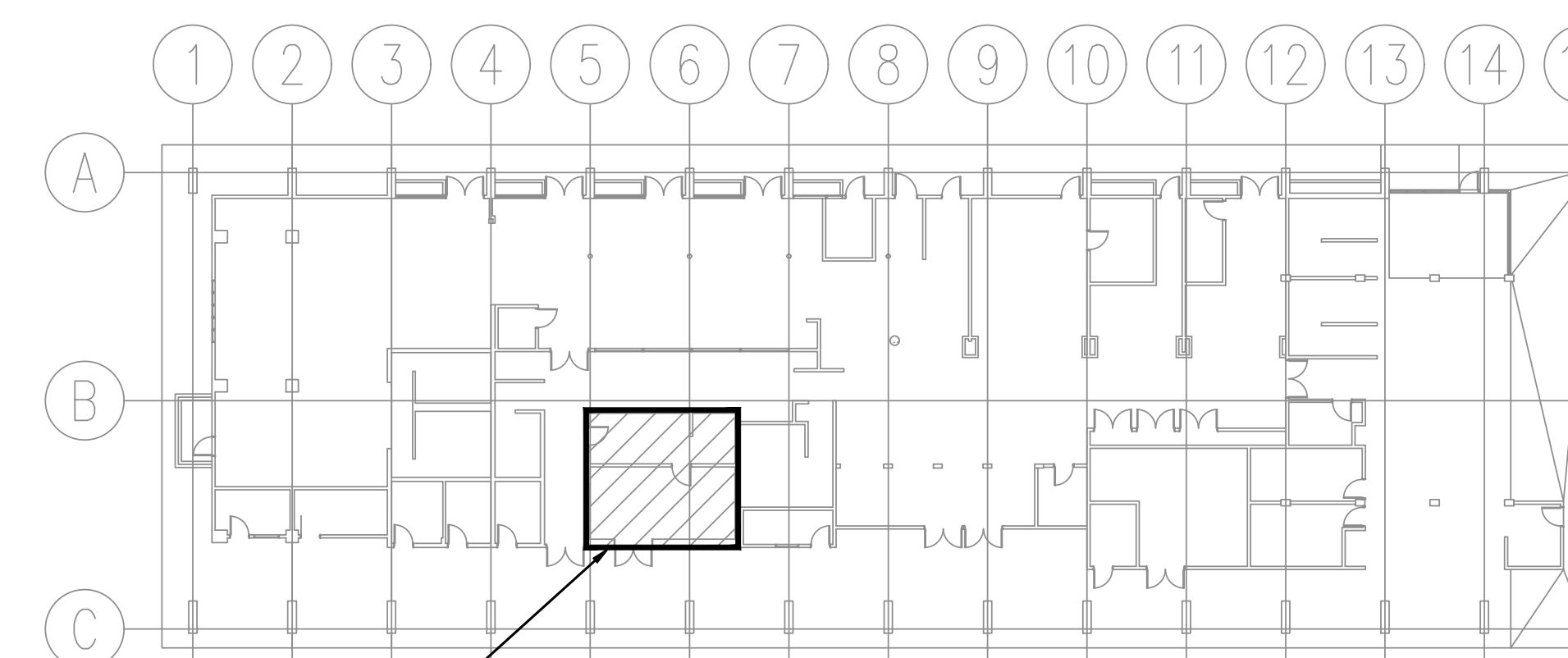
COORDINATE REMOVAL OF ALL MECHANICAL WORK (I.E. EQUIPMENT, PIPING, DUCTWORK AND ACCESSORIES) ABOVE THE CLG WITH ARCH DWGS AND CLG WORK. COORD THE REMOVAL OF EQUIPMENT WITH ELEC DWGS.

- ① REMOVE EXIST GREASE DUCT AT EXIST KITCHEN HOOD COLLAR AND CAP COLLAR UNTIL RECONNECTED.

MECHANICAL WORK NOTES:

CONTRACTOR TO COORD INSTALLATION OF ALL MECHANICAL WORK WITH ARCH, STRUCT AND ELEC DWGS.

- ② CONN 16/14 GREASE EXHAUST DUCT TO KITCHEN HOOD COLLAR AND ROUTE DUCT TO UPPER ROOF. VERIFY HOOD COLLAR SIZE AND ADJUST CONN ACCORDINGLY. PROVIDE FIREMASTER BLANKET ON ALL INTERIOR GREASE EXHAUST DUCT.



C BUILDING KEY PLAN
M301 SCALE: NOT TO SCALE

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HOOLEHUA, MOLOKAI, HAWAII

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SHEET TITLE:

KITCHEN MECH DEMO AND FLOOR PLAN

DATE:

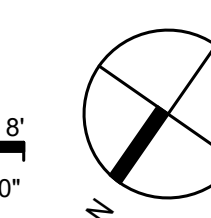
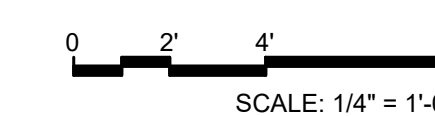
DEC 19, 2025

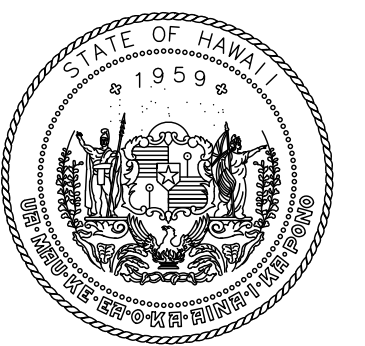
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STATE OF HAWAII
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CLAYTON C. Y. PANG
LICENSED PROFESSIONAL ENGINEER
No. 4145-E
04/30/2025
License Expiration Date

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CP	ESB	JY	CP

DEMOLITION NOTES

- EXISTING PLANS DO NOT INDICATE COMPLETE EXISTING WIRING CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
- BEFORE ANY WIRING IS CUT, CONTRACTOR SHALL VERIFY USAGE OF WIRING TO BE CUT TO ASSURE THAT SERVICES REQUIRED ARE NOT DISCONTINUED. PROVIDE ADDITIONAL WIRING DEVICES AND OTHER ACCESSORIES TO ENSURE CONTINUITY OF SERVICE TO OTHER PARTS OF INSTALLATION TO REMAIN.
- REMOVE ALL EXISTING WIRING NOT TO REMAIN IN SERVICE.
- REMOVE ALL CONDUITS NO LONGER REQUIRED.
- PHASE WORK TO ASSURE CONTINUITY OF ELECTRICAL, TELEPHONE AND SIGNAL SERVICES TO PARTS OF FACILITIES THAT WILL REMAIN IN USE.
- REMOVE ALL EXISTING DISCONNECT SWITCHES INDICATED TO BE REMOVED OR NO LONGER REQUIRED. BLANK OUTLETS AND PLUG ALL HOLES IN BOXES AND CABINETS.
- DELIVER ALL SALVAGEABLE MATERIAL AS DETERMINED BY ENGINEER AT NO ADDITIONAL COST TO STATE. PACK MATERIAL IN BOXES. COIL ALL CABLES AND TIE. DISPOSE OF ITEM NOT SALVAGED BY THE THE STATE.

ELECTRICAL SYMBOLS

- EXISTING PANELBOARD
- EXISTING MOTOR OUTLET TO BE DISCONNECTED
- EXISTING MOTOR CONTROLLER TO BE REMOVED
- EXISTING SAFETY SWITCH TO BE REMOVED
- MOTOR OUTLET
- MOTOR CONTROLLER
- SAFETY SWITCH
- WIRING IN EXISTING RACEWAY
- WIRING IN EXPOSED RACEWAY
- WIRING IN RACEWAY CONCEALED IN WALL OR CEILING

- NOTES:**
- ANY CIRCUIT WITH NO FURTHER DESIGNATION INDICATES A TWO WIRE CIRCUIT. CIRCUITS WITH ADDITIONAL WIRES ARE INDICATED AS FOLLOWS: , 3 WIRES: , 4 WIRES, ETC.
 - GROUND WIRE PER NATIONAL ELECTRICAL CODE INDICATED AS FOLLOWS: .
 - ALL EXPOSED CONDUIT AND BOXES SHALL BE PAINTED TO MATCH ADJACENT WALL OR CEILING SURROUNDING.

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DATE

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MKK TERMINAL BUILDING ROOF REPLACEMENT
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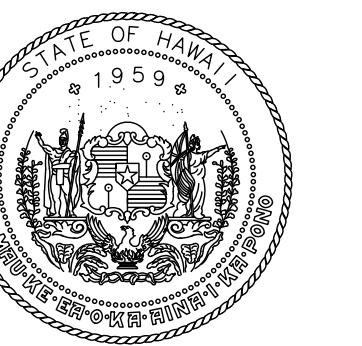
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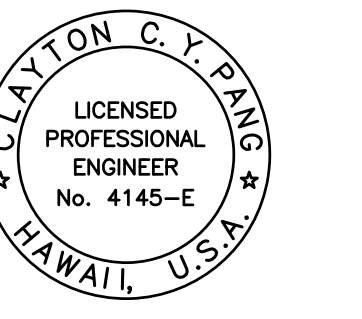
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NOTES AND SYMBOLS

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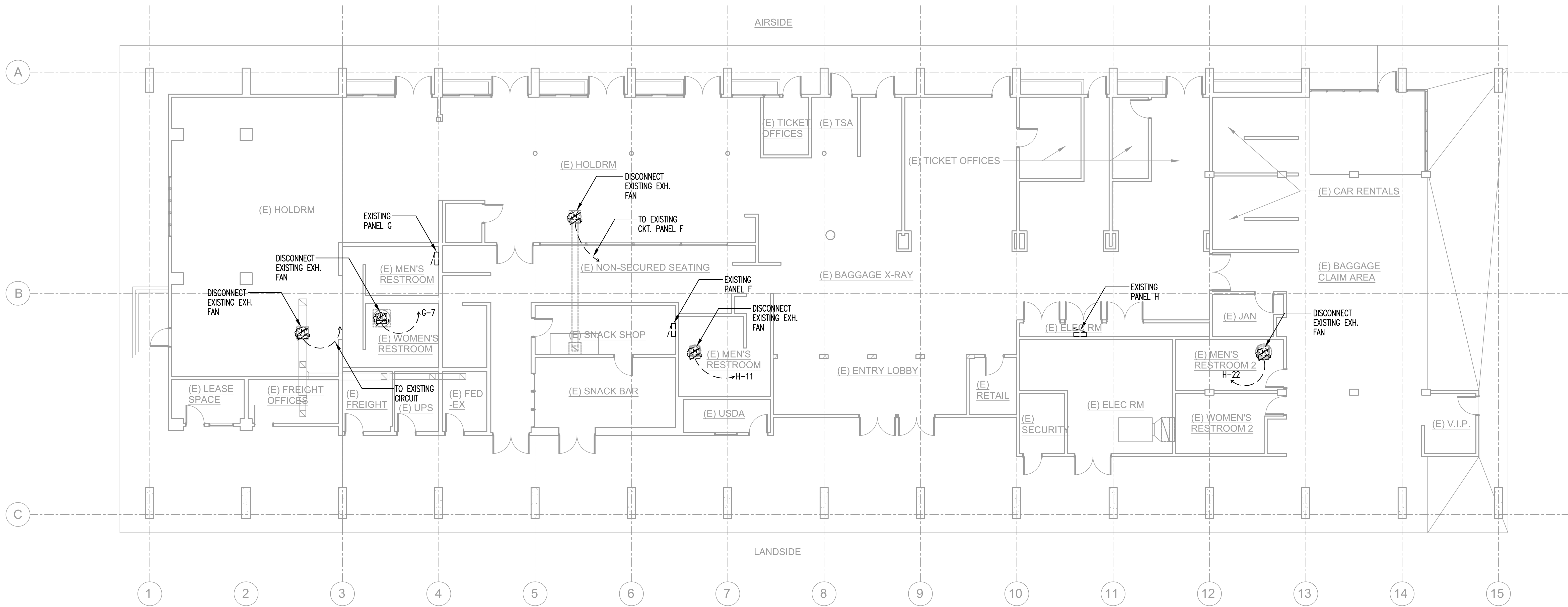
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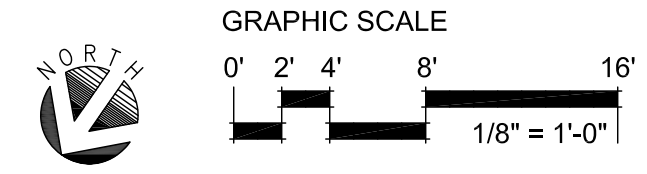
CLAYTON C. Y. PANG
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HAWAII, U.S.A.
04/30/2025
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DSGN.	DRWN.	CHKD.	APPD.
CP	ESB	JY Approver	CP



1 ELECTRICAL DEMOLITION PLAN - LEVEL 1
SCALE: 1/8" = 1'-0"



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CONSTRUCTION DOCUMENTS
DEC 19, 2025
DATE

PROJECT TITLE:

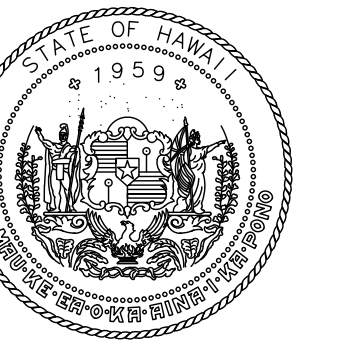
MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

PROJECT NO.:
CM2521-33

SHEET TITLE:

ELECTRICAL DEMOLITION PLAN - LEVEL 1

DATE:	DWG. NO.
DEC 19, 2025	E101
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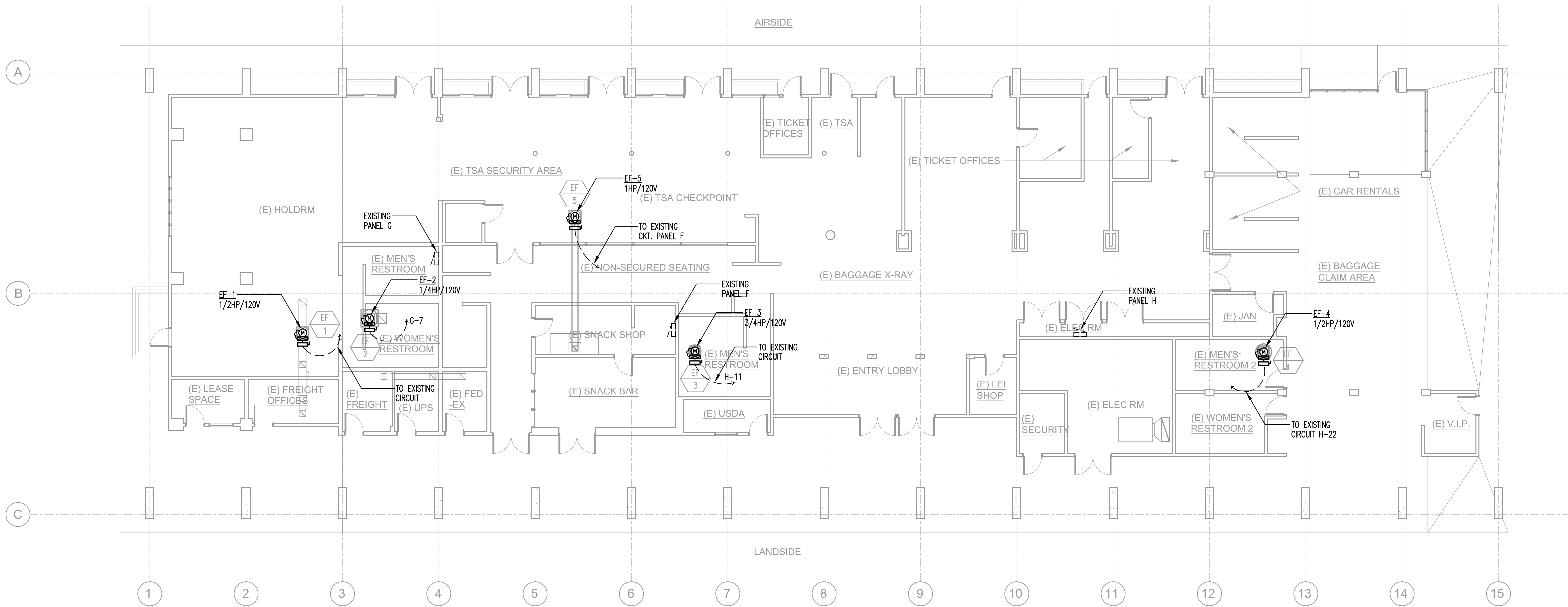
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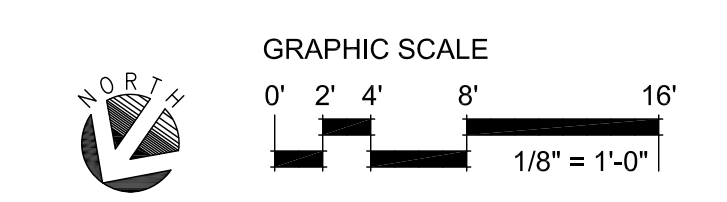
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CP	ESB	JY	CP



1 ELECTRICAL PLAN - LEVEL 1
SCALE: 1/8" = 1'-0"



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MKK TERMINAL BUILDING ROOF REPLACEMENT
AT MOLOKAI AIRPORT
HOOLEHUA, MOLOKAI, HAWAII

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SHEET TITLE:
ELECTRICAL PLAN - LEVEL 1

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