

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

PLANS FOR

PASS & IDENTIFICATION
TRAINING ROOM

AT

KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII
PROJECT NO. CM1642-13

PROJECT TEAM

ARCHITECTURAL:
KYA INC.
824 PUNAHANA STREET
HONOLULU, HI 96826
(808) 949-7770

Richard Wong
RICHARD WONG
ARCHITECT

STRUCTURAL:
SSFM INT'L, INC.
821 SUMNER ST.
SUITE 620
HONOLULU, HI 96817
(808) 931-1308

Kathleen Wong
KATHLEEN WONG
STRUCTURAL ENGINEER

MECHANICAL:
BOWERS AND KUBOTA
CONSULTING
94408 AKOHI ST# 201A
WAIKIKI, HI 96817
(808) 470-3582

Gregory Chiu
GREGORY CHIU
MECHANICAL ENGINEER

ELECTRICAL:
ELECTECH HAWAII, INC.
1100 WARD AVE.
SUITE 150
HONOLULU, HI 96814
(808) 522-1866

Clayton Pang
CLAYTON PANG
ELECTRICAL ENGINEER

SECURITY:
WSP USA INC.
1001 BISHOP STREET,
SUITE 2400
HONOLULU, HI 96812
(808) 931-7084

Jon Spiteri
JON SPITERI
ELECTRICAL ENGINEER



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

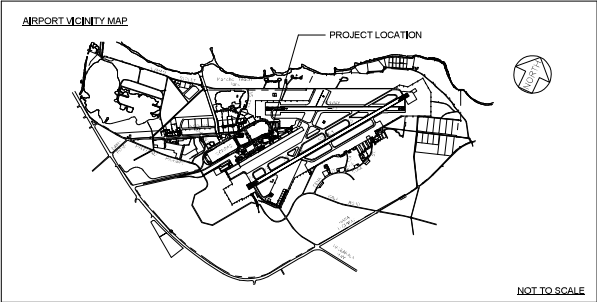
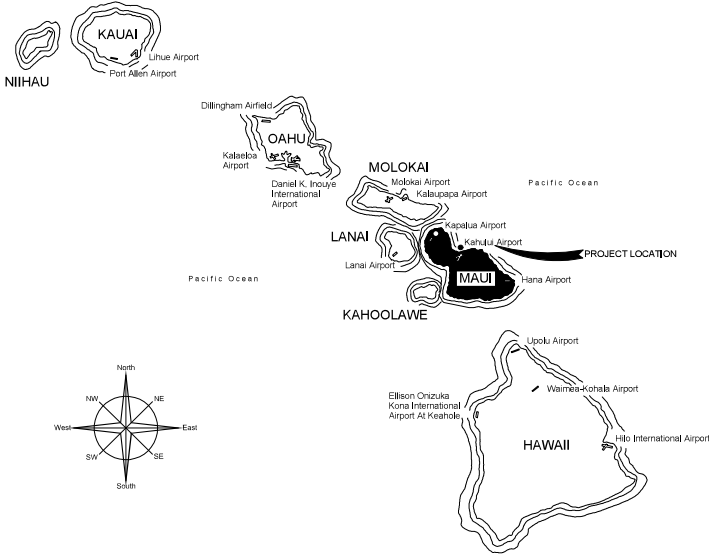
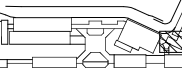


Richard Wong
RICHARD WONG
ARCHITECT

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
RW	LA	RW	RW

KEY PLAN / NOTES:



DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED:
[Signature]
FOR DIRECTOR OF TRANSPORTATION

DATE
08/10/2026

NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

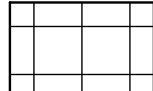
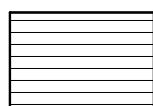
PROJECT NO.:

CM1642-13

SHEET TITLE:

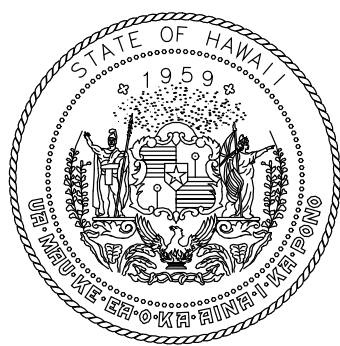
COVER SHEET,
VICINITY MAP,
PROJECT TEAM

DATE 04/15/2026	DWG. NO. G-000
SHEET 1 OF 36 SHTS	

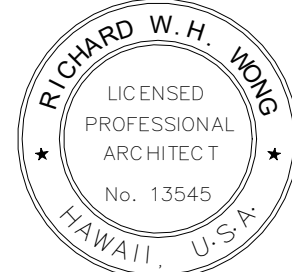
REFLECTED CEILING PLAN SYMBOLS			
MATERIALS		LIGHT FIXTURES	
	2' x 2' GRID AND TILE SYSTEM - SEE SPECIFICATIONS		2' x 2' RECESSED SEMI-INDIRECT FLUORESCENT
	GYPSUM BOARD CEILING AS INDICATED ON PLAN. SEE FINISH PLAN FOR PAINT SPECIFICATIONS		2' x 4' RECESSED SEMI-INDIRECT FLUORESCENT
	LINEAR METAL PLANK CEILING - SEE SPECIFICATIONS		RECESSED LINEAR
			RECESSED DOWNLIGHT
			RECESSED WALL WASH DOWNLIGHT
			CEILING MTD SEMI RECESS WALLWASH
			PENDANT CEILING SURFACE MOUNTED STRIP LIGHT
			WALL SCONCE
			PENDANT MTD DIRECT / INDIRECT FLUORESCENT
			UNDER CABINET
			UPLIGHT STRIP
ANNOTATIONS		POWER & TELEDATA	
	8' - 6"		FURNITURE FEED, POWER POLE AS INDICATED
	FINISHED CEILING HEIGHT AS INDICATED ON PLAN, UON		OCCUPANCY SENSOR
			AUDIO SPEAKER
			PROJECTOR
			PROJECTION SCREEN - ELECTRONIC
			PROJECTION SCREEN - MANUAL
SECURITY		LIFE SAFETY	
	CLOSED-CIRCUIT TV		EXIT SIGN, ARROW INDICATES PATH OF TRAVEL
			SMOKE DETECTOR
			LIFE SAFETY SPEAKER STROBE
			LIFE SAFETY SPEAKER
			LIFE SAFETY STROBE
			SPRINKLER

 STATE OF HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS			
 <i>Richard W.H. Jung</i> 04/20/2026 Licensed Expiration Date			
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DSGN.	DRWN.	CHKD.	APPD.
RW	LA	RW	RW
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PASS & IDENTIFICATION TRAINING ROOM AT KAHULUI AIRPORT KAHULUI, MAUI, HAWAII			
PROJECT NO.:			
CM1642-13			
SHEET TITLE:			
ARCHITECTURAL ABBREVIATION, SYMBOLS			
DATE : 04/15/2026 SHEET : 2 OF 36 SHTS		DWG. NO. G-001	

01 GENERAL	
1	G-000 COVER SHEET, VICINITY MAP, PROJECT TEAM
2	G-001 ARCHITECTURAL ABBREVIATION, SYMBOLS
3	G-002 PROJECT DIRECTORY, CODE SUMMARY, SHEET INDEX
4	G-003 GENERAL NOTES
01 ARCHITECTURE	
5	A-100 OVERALL SITE PLAN - GROUND LEVEL
6	A-101 DEMOLITION FLOOR PLAN & REFLECTED CEILING PLAN
7	A-201 FLOOR PLAN & REFLECTED CEILING PLAN - GROUND LEVEL
8	A-401 EXTERIOR ELEVATIONS AND SECTIONS
9	A-601 INTERIOR ELEVATIONS
10	A-701 FINISH SCHEDULE AND DOOR SCHEDULE
11	A-704 SIGN TYPES, SIGNAGE MESSAGE SCHEDULE, PAINT & MATERIAL SCHEDULE
12	A-801 PARTITION TYPES
13	A-811 DOOR & WINDOW DETAILS
14	A-821 INTERIOR DETAILS
15	A-851 EXTERIOR DETAILS
02 STRUCTURAL	
16	S-001 STRUCTURAL GENERAL NOTES
17	S-002 STRUCTURAL DETAILS
18	S-101 FLOOR PLAN - GROUND LEVEL
03 MECHANICAL	
19	M-001 GENERAL MECHANICAL NOTES, LEGEND & ABBREVIATIONS
20	M-101 MECHANICAL FLOOR PLAN
21	M-201 DX SPLIT SYSTEM PIPE AND WIRING SCHEMATIC MECHANICAL DETAILS
04 FIRE PROTECTION	
22	F-001 GENERAL FIRE PROTECTION NOTES, LEGEND & ABBREVIATIONS
23	F-101 FIRE PROTECTION DEMO PLAN
24	F-201 FIRE PROTECTION FLOOR PLAN
05 ELECTRICAL	
25	E-100 SCHEDULE, NOTES, ELEC. SYMBOLS
26	E-101 COMP ELEC PLAN - GRD LEVEL, ELEC SITE PLAN
27	E-102 ELECTRICAL DEMOLITION PLAN
28	E-201 LIGHTING, POWER AND SIGNAL PLANS
29	E-300 PANEL SCHEDULES DIAGRAM AND DET.
06 ELECTRONIC SECURITY	
30	TY-001 SECURITY NOTES, LEGEND AND ABBREVIATIONS
31	TY-100 SECURITY OVERALL SITE PLAN - GROUND LEVEL
32	TY-101 CCTV FLOOR PLAN - GROUND LEVEL
33	TY-102 CCTV FLOOR PLAN - GROUND LEVEL
34	TY-201 ELECTRICAL ROOM D121 COMM ROOM PLAN - GROUND LEVEL
35	TY-301 CCTV ONE LINE DIAGRAM
36	TY-401 SECURITY CAMERA MOUNTING DETAILS AND SCHEDULE

[illegible]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Richard J. Long
04/30/2028
Licensed Expiration Date

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RW	LA	RW	RW

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AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

PROJECT DIRECTORY, CODE SUMMARY, SHEET INDEX

DATE :	DWG. NO.
04/15/2026	G-002
SHEET :	
3 OF 36 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 CEILINGS 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.
31. 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.

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(c)(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.

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

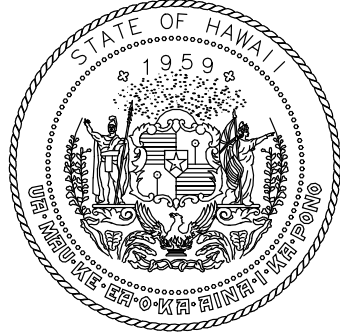
S STRUCTURAL

M MECHANICAL

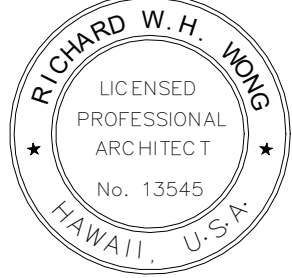
F FIRE PROTECTION

E ELECTRICAL

TY ELECTRONIC SECURITY
4. DRAWING CATEGORY IDENTIFICATION, REFER TO THE DRAWING SET INDEX FOR DISCIPLINES, CATEGORIES, AND SHEET NUMBERS CONTAINED IN THIS DRAWING SET.



STATE OF HAWAII
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04/30/2026
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KAHULUI, MAUI, HAWAII

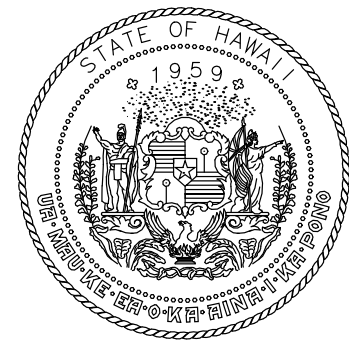
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SHEET:	
4 OF 36 SHTS	



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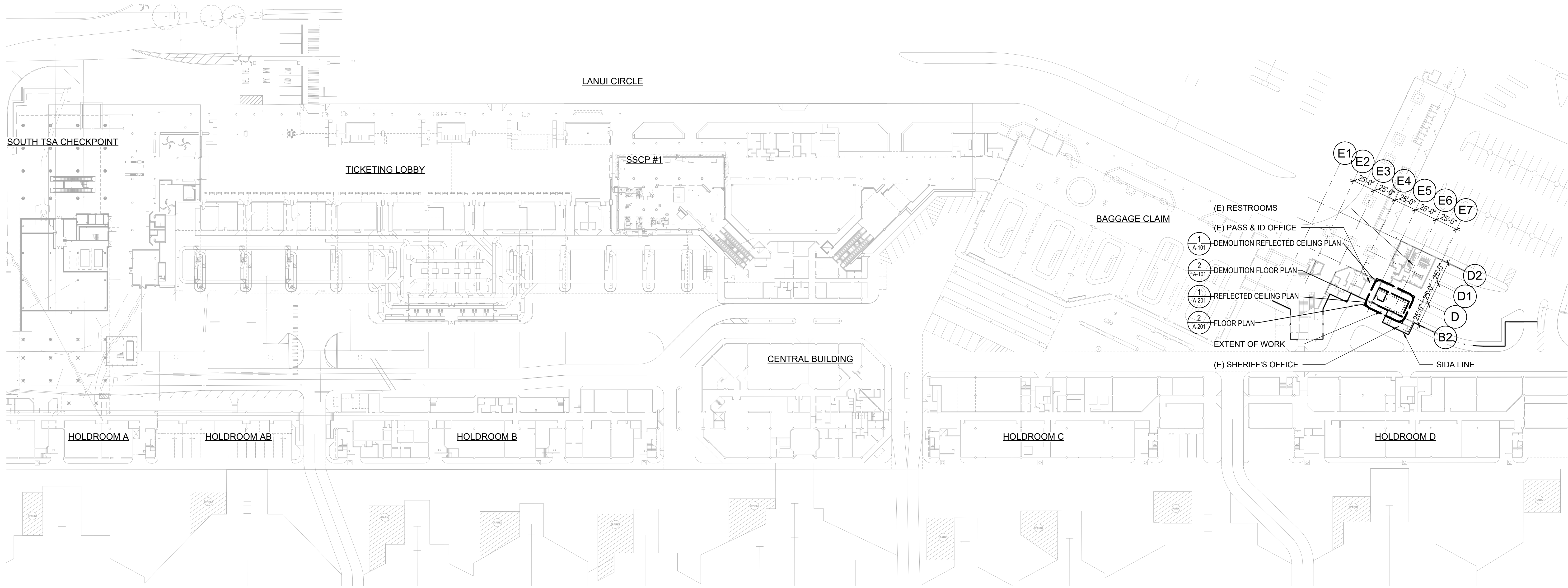


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AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

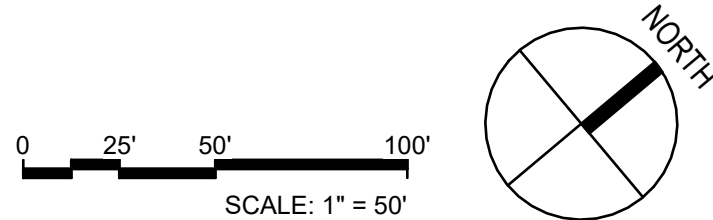
CM1642-13

SHEET TITLE:

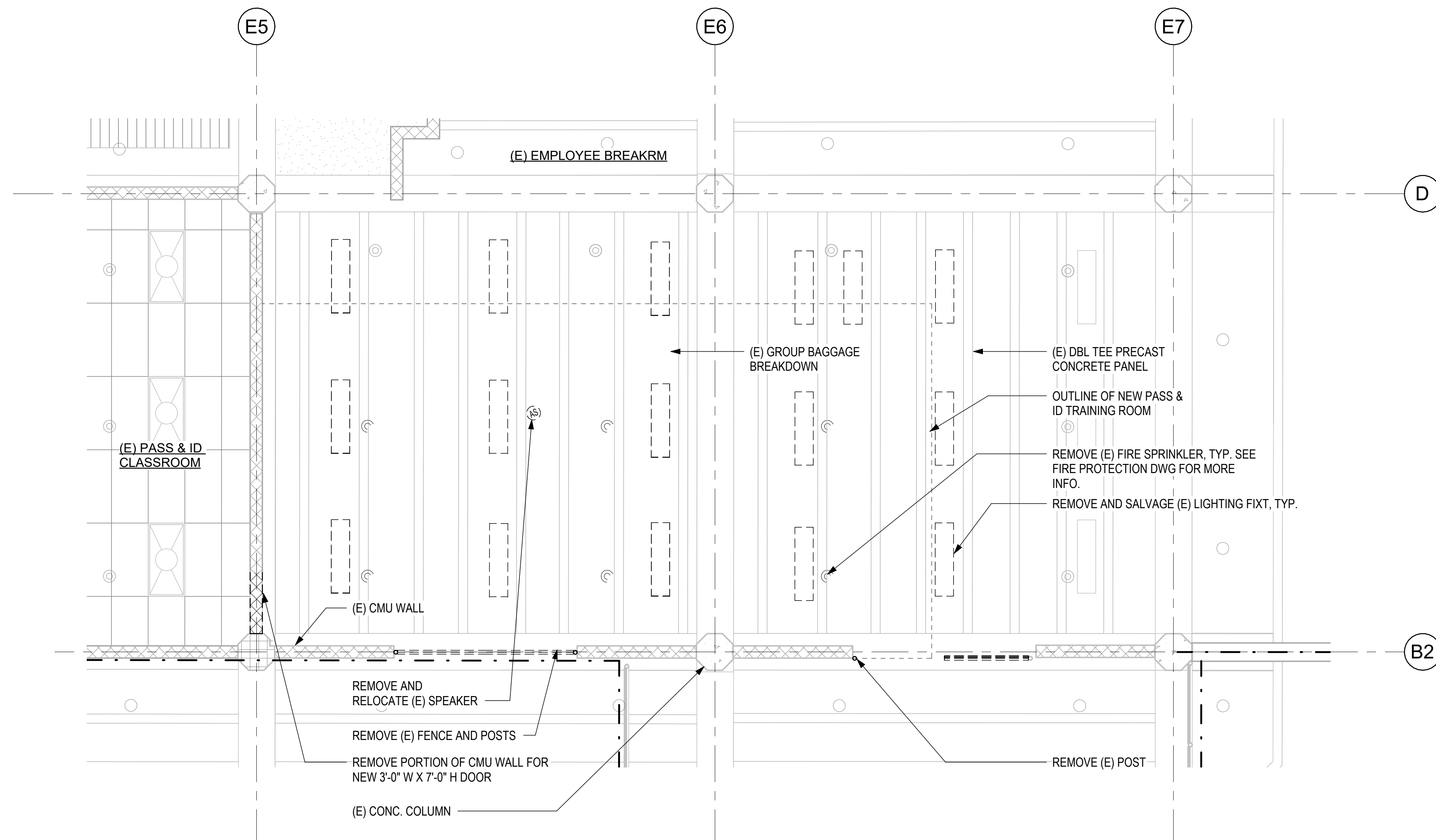
OVERALL SITE PLAN -
GROUND LEVEL

DATE:	DWG. NO.
04/15/2026	A-100
SHEET:	
5 OF 36 SHTS	

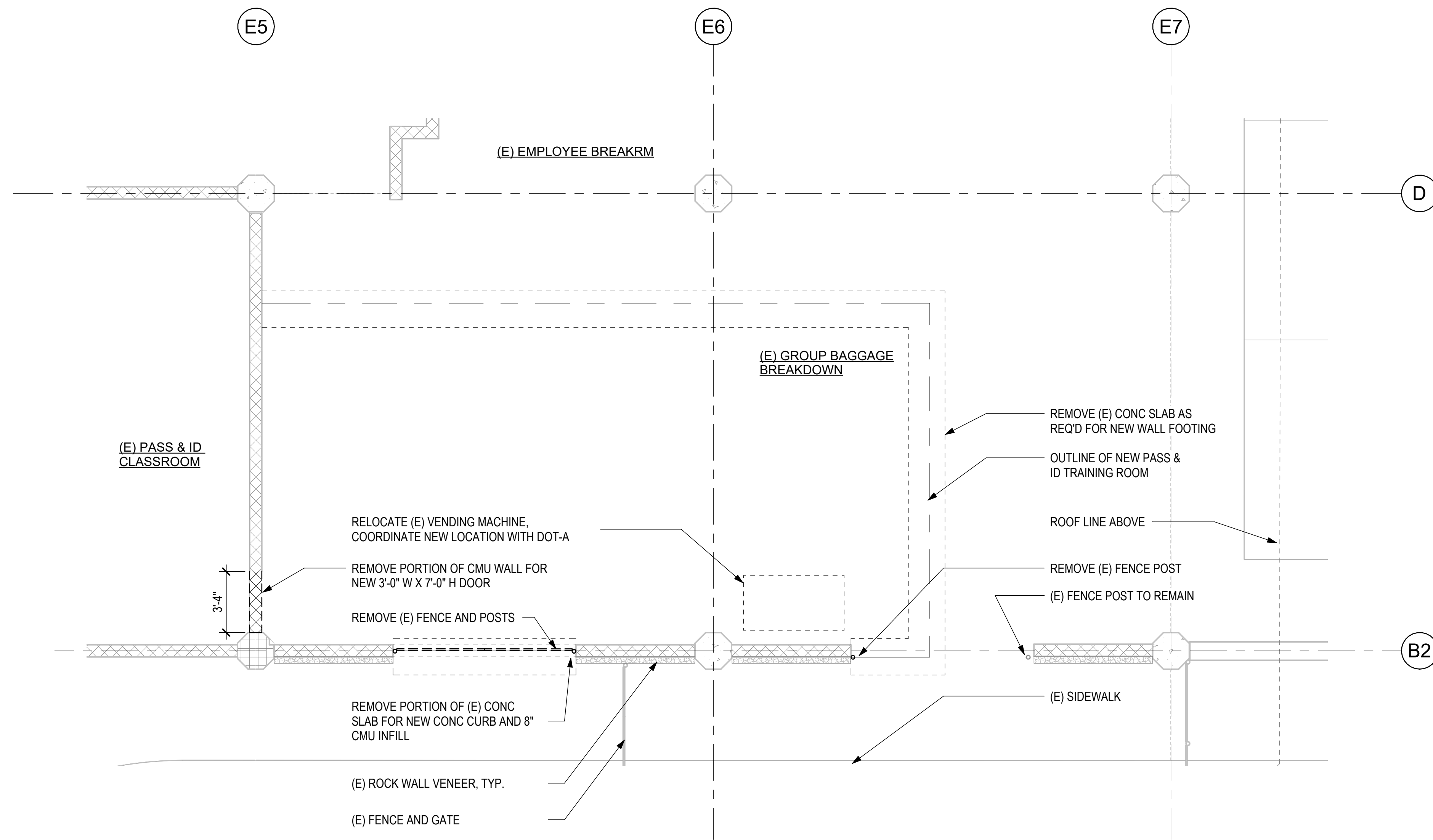
1 OVERALL TERMINAL PLAN - GROUND LEVEL
1" = 50'-0"



4/14/2026 9:01:30 AM



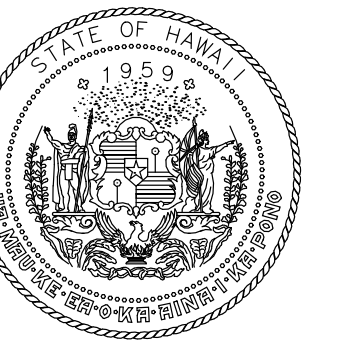
1 DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"



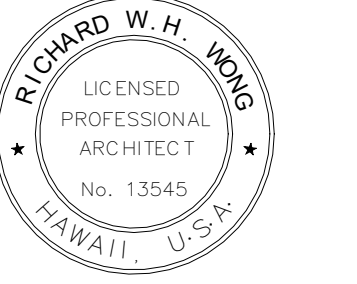
2 DEMOLITION FLOOR PLAN
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

- ALL ELEMENTS SHOWN DASHED (INCLUDING BUT NOT LIMITED TO MASONRY WALLS, FINISHES, DOORS, FRAMES, FENCING) TO BE DEMOLISHED IN ITS ENTIRETY UNLESS NOTED OTHERWISE.
- PROVIDE ALL NECESSARY DEMOLITION PRIOR TO CONSTRUCTION.
- IT IS THE INTENT OF THESE DRAWINGS THAT EXISTING WALL AND FINISHES TO REMAIN, U.O.N.
- CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND NOTIFY ARCHITECT OF ALL DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- REMOVE CEILING ASSEMBLIES WHERE INDICATED, INCLUDING CEILING MOUNTED DEVICES, SALVAGE MATERIALS WHERE INDICATED.
- GC SHALL CONSULT WITH OWNER FOR DETAILS FOR REMOVAL OF COMMUNICATION DEVICES THAT ARE NOT SPECIFIED IN THE DRAWINGS.
- UPON DISCOVERY, IF HAZARDOUS MATERIALS ARE SUSPECTED, THE CONTRACTOR SHALL PROCEED WITH TESTING OF THE MATERIAL, ABATE AND DISPOSE MATERIAL AS PART OF THEIR WORK.
- CONTRACTOR SHALL PROVIDE ADEQUATE SECURITY MEASURES TO ENSURE THE INTEGRITY OF THE SIDA PERIMETER AT ALL TIMES, DURING AND AFTER DEMOLITION WORK. AT THE END OF EVERY WORKDAY, THE CONTRACTOR SHALL CLOSE ANY OPENINGS TO PREVENT ANY UNAUTHORIZED INTRUSION INTO THE SIDA FROM THE WORK SITE. IF AN OPENING CANNOT BE SECURED TO THE SATISFACTION OF THE AIRPORT MANAGER, THE CONTRACTOR SHALL HIRE A PRE-APPROVED SECURITY GUARD AT THE LOCATION TO PROTECT THE SIDA DURING NON-WORKING HOURS.



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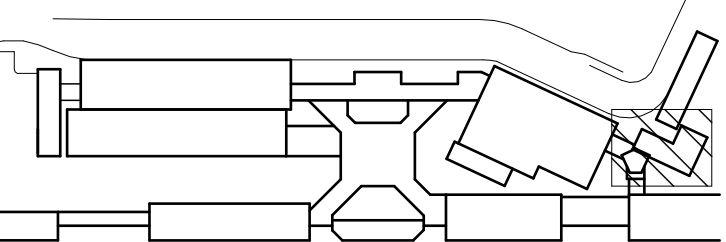


Richard W. H. Jeng
04/30/2026
Licensed Expiration Date

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RW	LA	RW	RW

KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

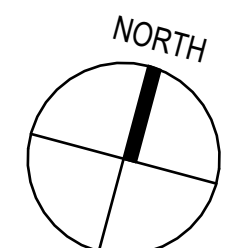
CM1642-13

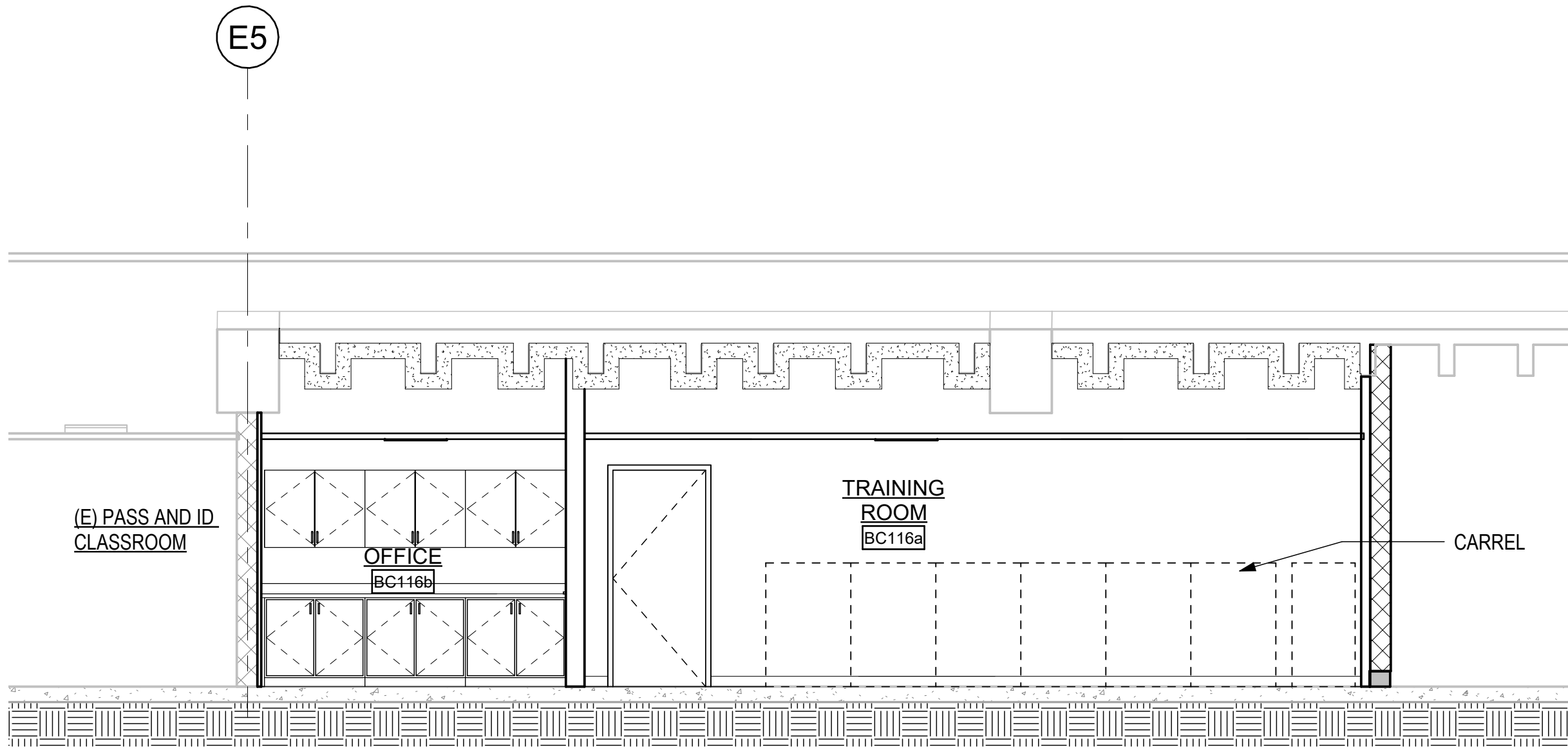
SHEET TITLE:

DEMOLITION FLOOR PLAN & REFLECTED CEILING PLAN

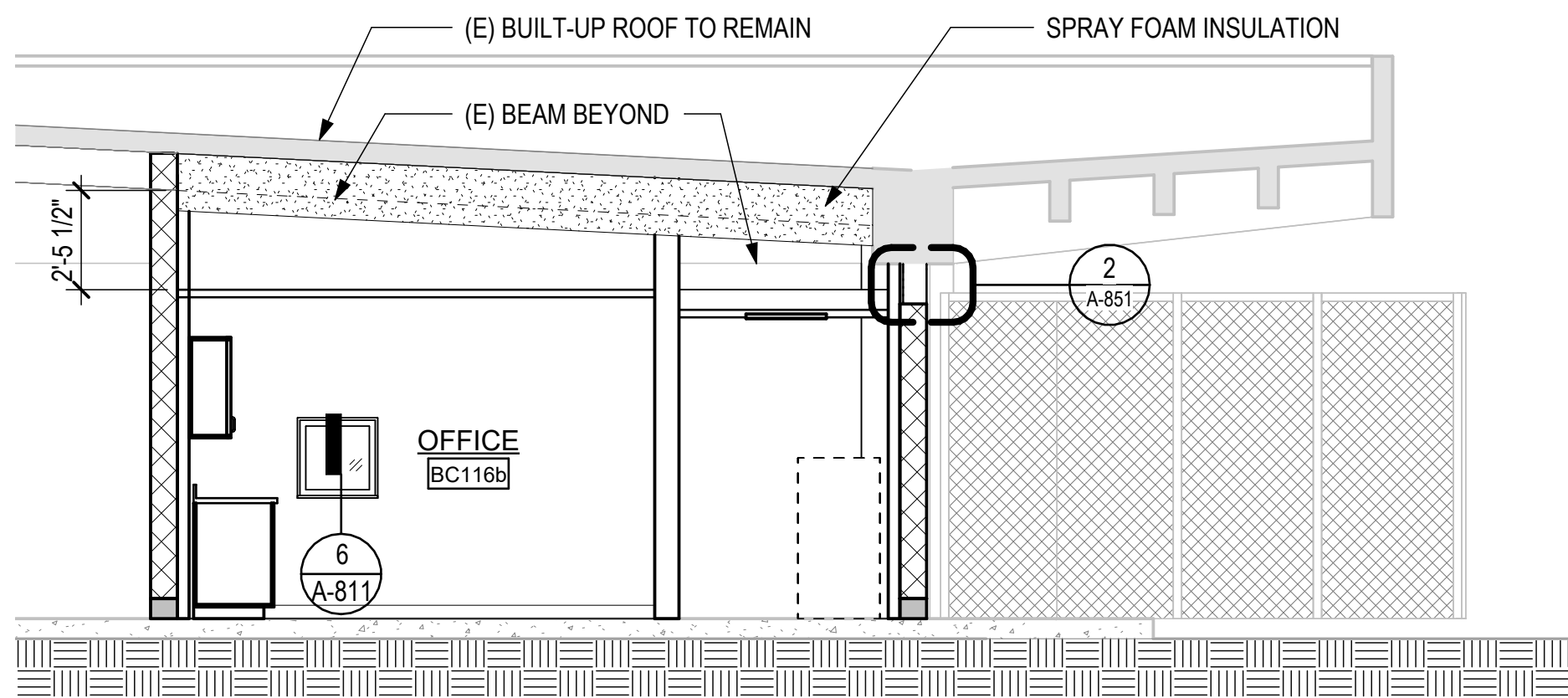
DATE:	DWG. NO.
04/15/2026	A-101
SHEET:	
6 OF 36 SHTS	

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

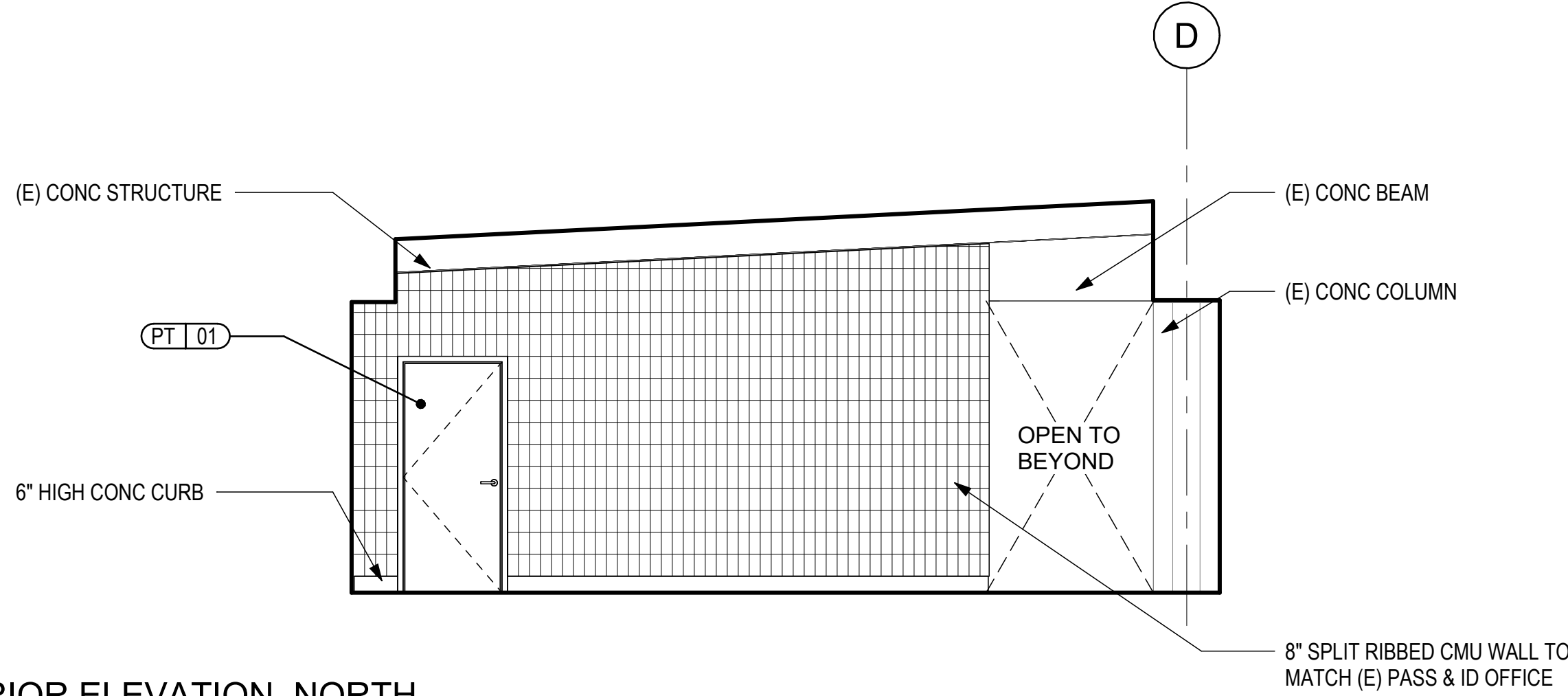




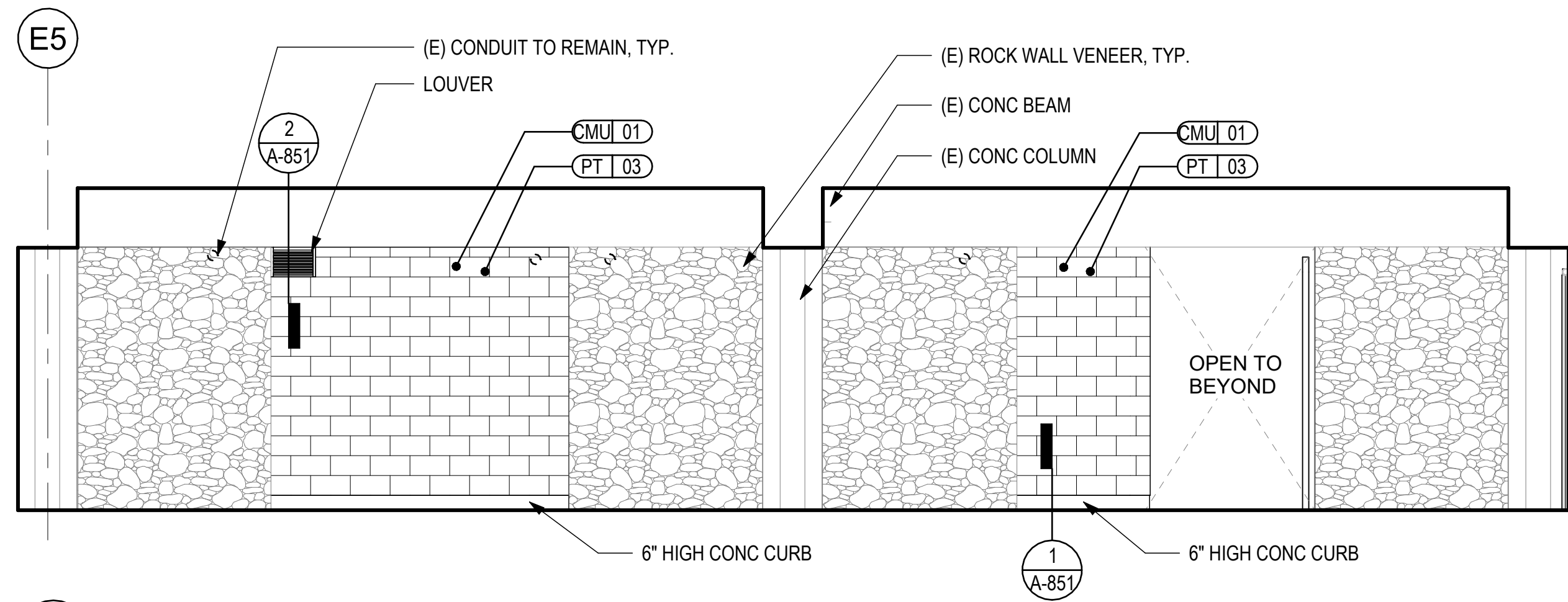
4 SECTION EAST WEST
1/4" = 1'-0"



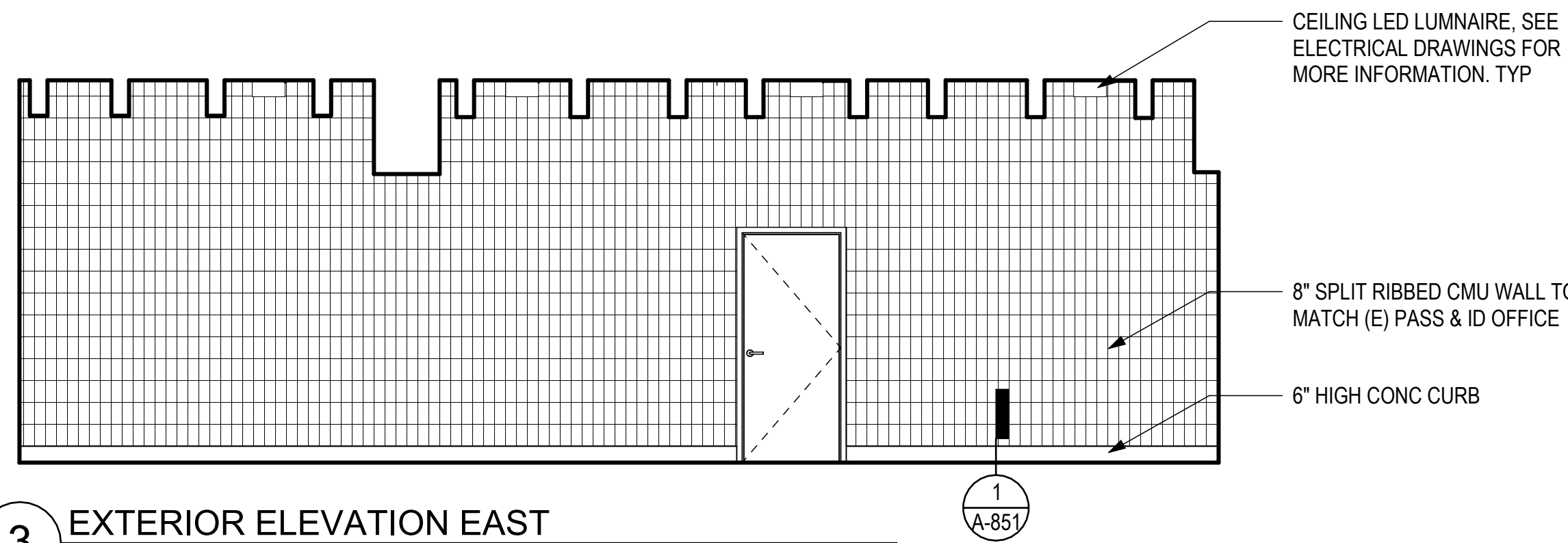
5 SECTION NORTH SOUTH
1/4" = 1'-0"



1 EXTERIOR ELEVATION NORTH
1/4" = 1'-0"

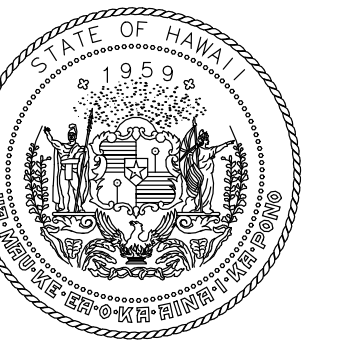


2 EXTERIOR ELEVATION SOUTH
1/4" = 1'-0"

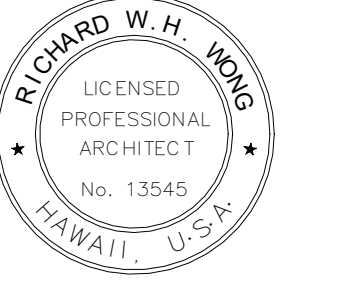


3 EXTERIOR ELEVATION EAST
1/4" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"



STATE OF HAWAII
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RW	LA	RW	RW

KEY PLAN / NOTES:

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

**PASS & IDENTIFICATION
TRAINING ROOM**

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

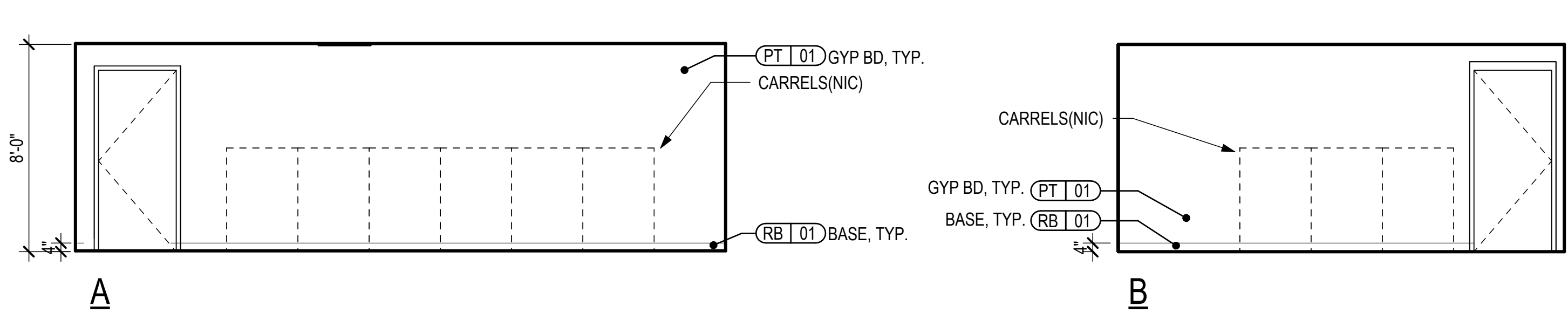
PROJECT NO.:

CM1642-13

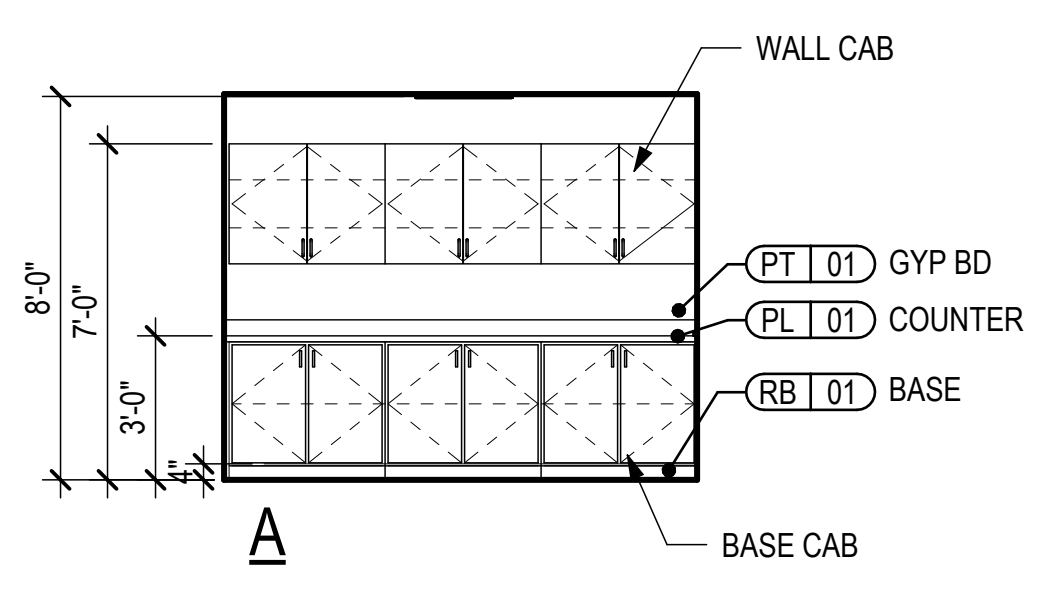
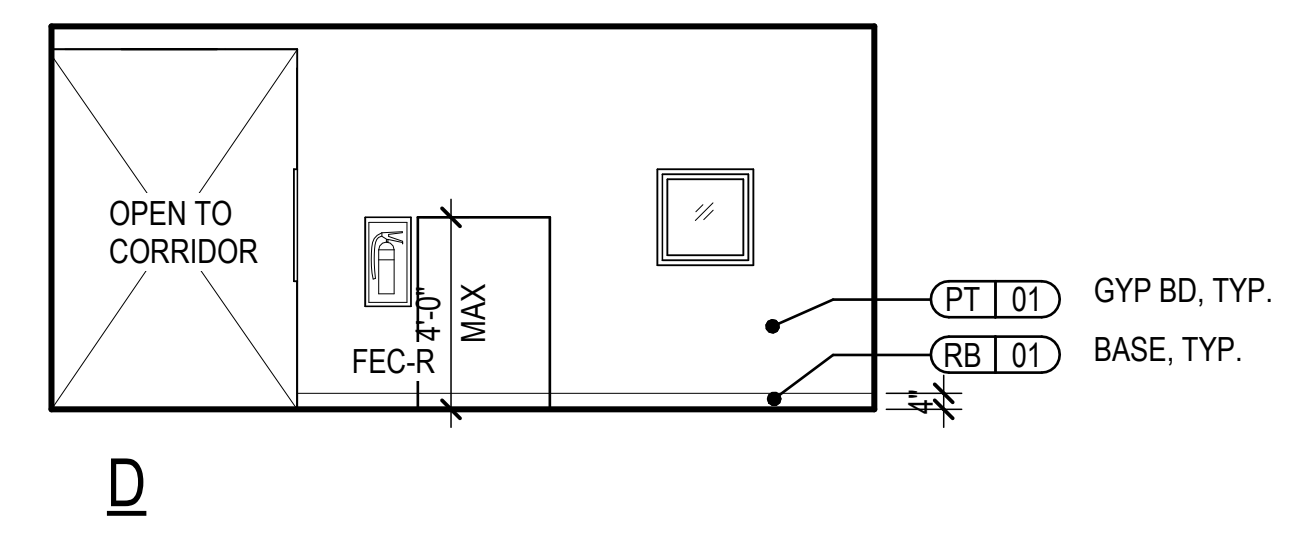
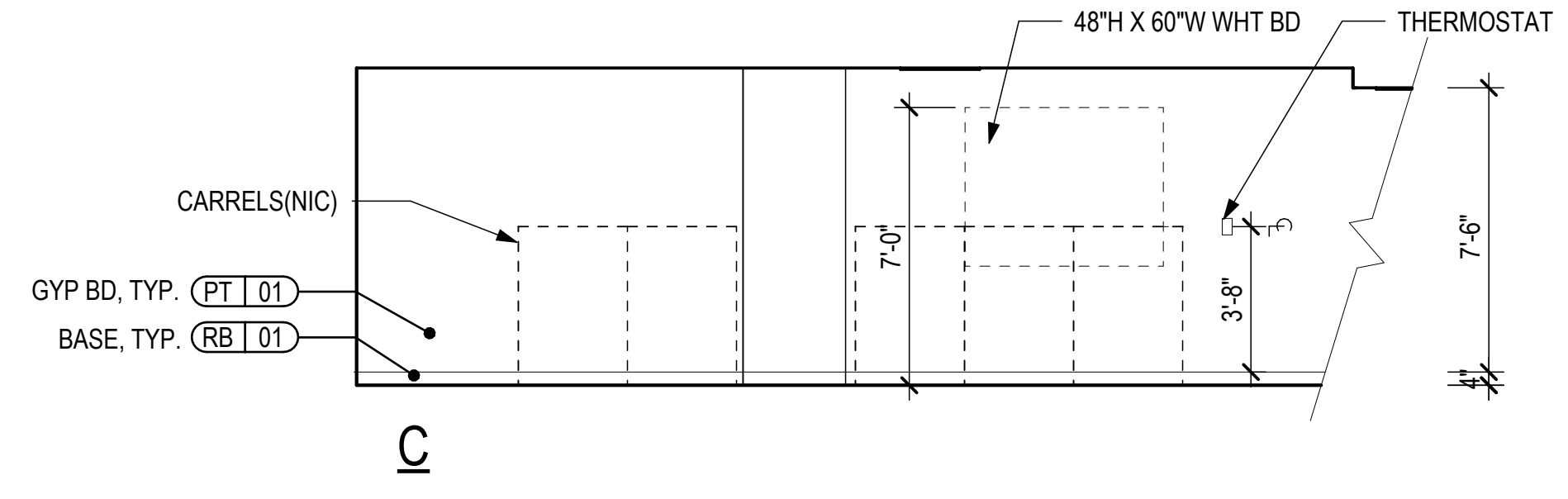
SHEET TITLE:

**EXTERIOR
ELEVATIONS AND
SECTIONS**

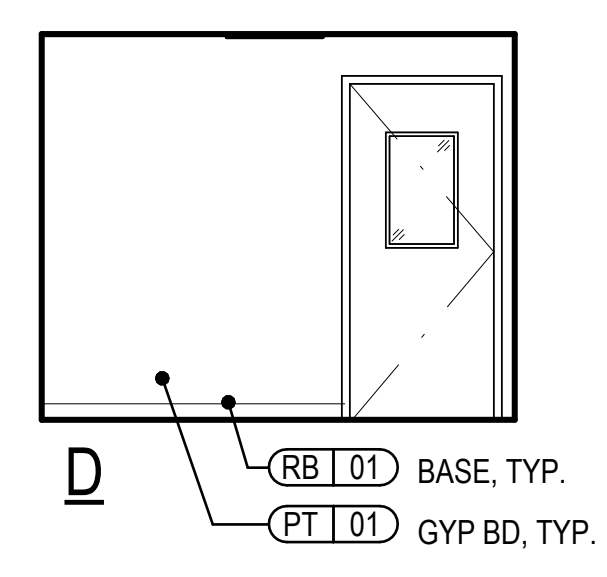
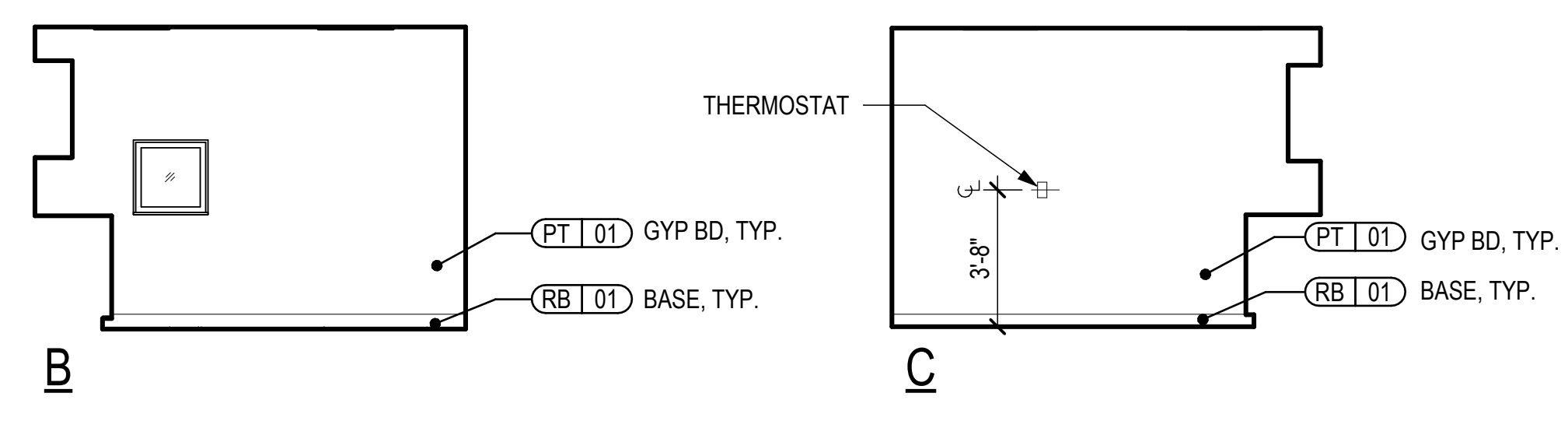
DATE:	DWG. NO.
04/15/2026	A-401
SHEET:	
8 OF 36 SHTS	



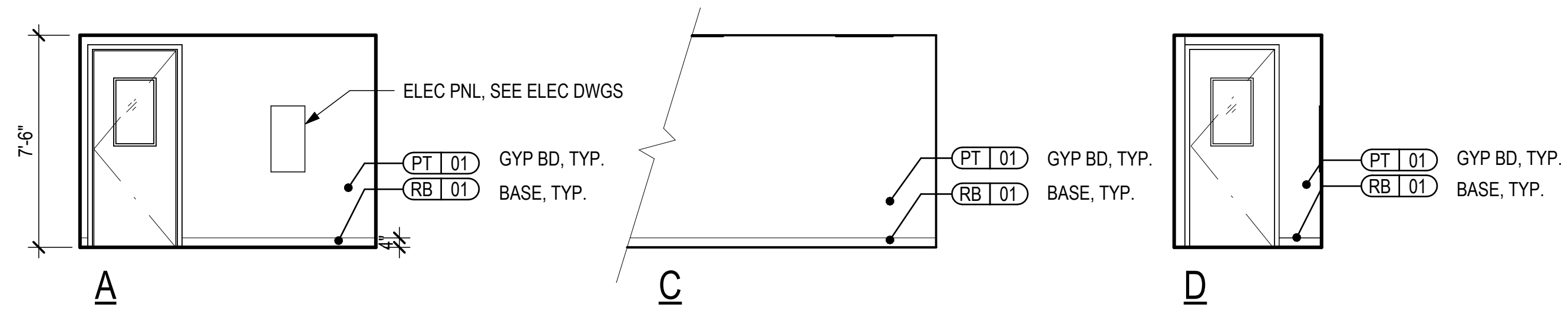
1 TRAINING ROOM
1/4" = 1'-0"



2 OFFICE
1/4" = 1'-0"



3 CORRIDOR
1/4" = 1'-0"



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DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

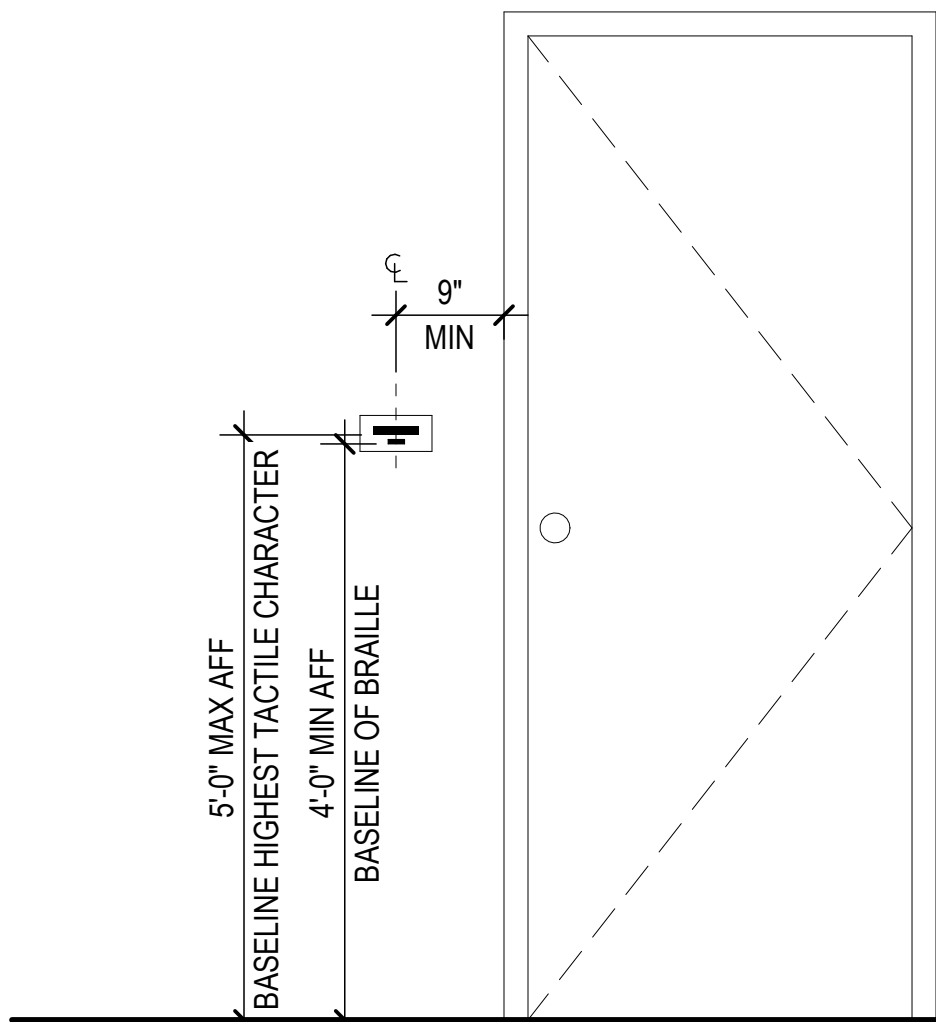
SHEET TITLE:

INTERIOR
ELEVATIONS

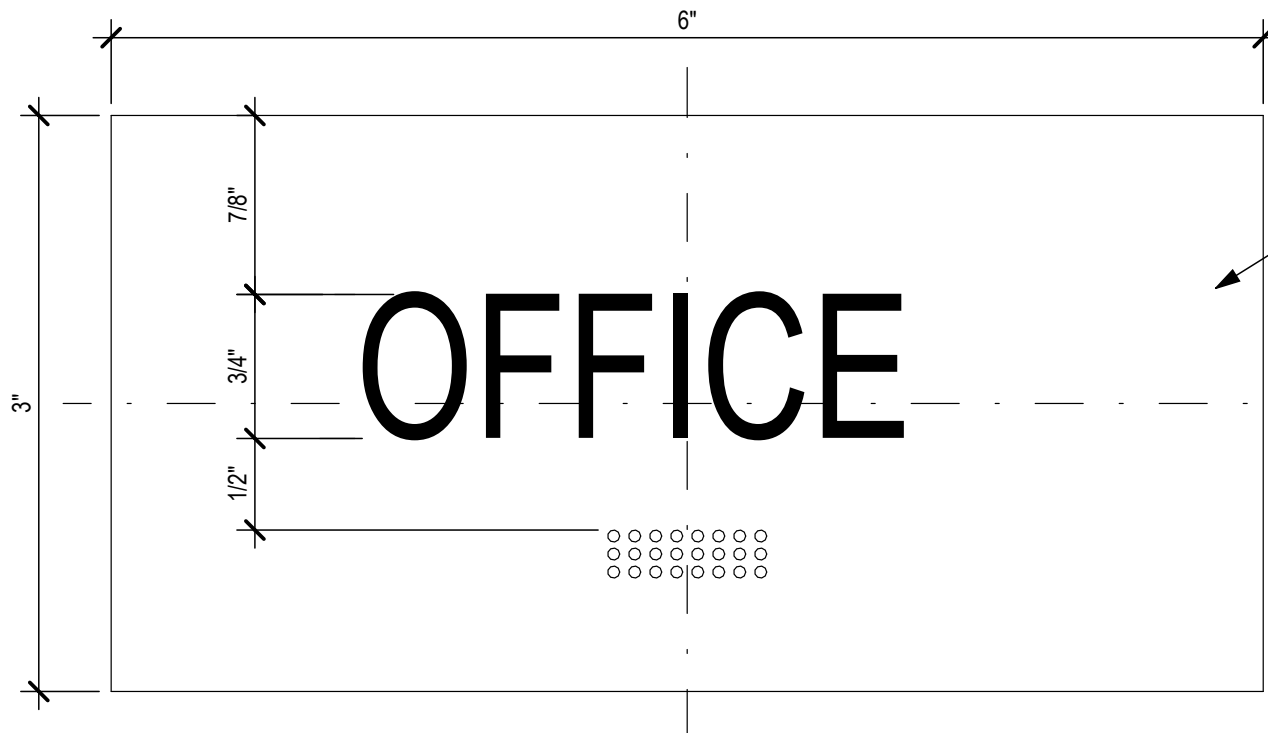
DATE:	DWG. NO.
04/15/2026	A-601
SHEET:	
9 OF 36 SHTS	

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

[illegible]



9 ADA PLAQUE TYPICAL
3/4" = 1'-0"



BACKGROUND SPRAY SUBSURFACE
COLOR TO MATCH P1

REFERENCE SIGN TYPE ID 12 FOR
TYPICAL FABRICATION AND
INSTALLATION SPECIFICATIONS.

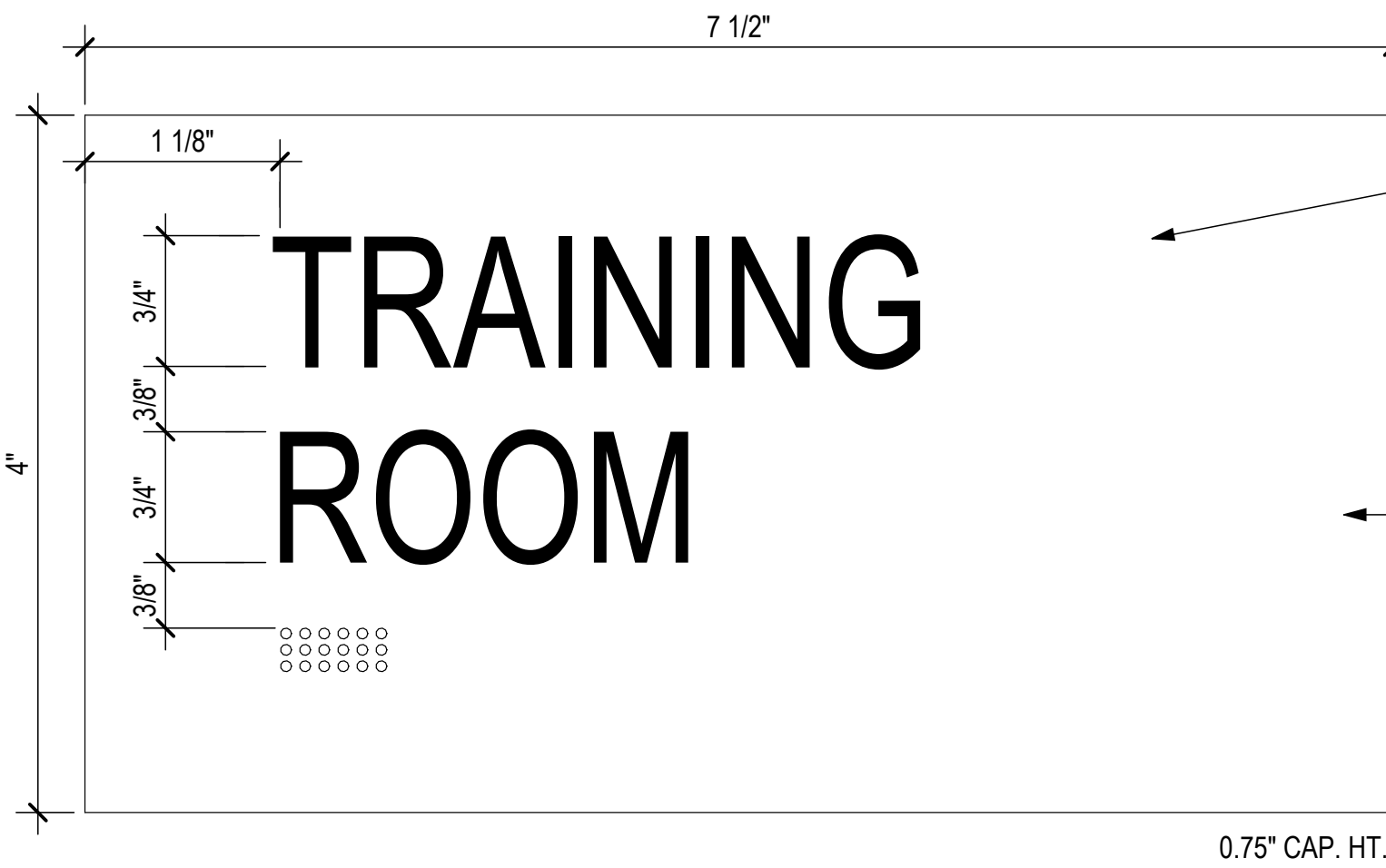
5 ID6/BOH / UTILITY
12" = 1'-0"

SIGNAGE LEGEND				
SIGNAGE NO.		8 / ID6	SIGNAGE TYPE	

SIGNAGE MESSAGE SCHEDULE					
NO	TYPE	SIDE	MESSAGE	ADA	REMARKS
1	ID12	A	TRAINING ROOM	X	
2	ID6	A	OFFICE	X	

PAINT & MATERIAL SPECIFICATIONS		
CODE	APPLICATION/DESCRIPTION	SPECIFICATION
P1	BACKGROUND	MATCH SHERWIN WILLIAMS SW6467 "KENDAL GREEN"
M1	ADA CLEAR MATTE ACRYLIC	P99 SOFT MATTE CLEAR ACRYLIC
M2	ADA TACTILE LETTERING	ROWMARK ADA ALTERNATIVE 3X1-204 BRIGHT WHITE
M3	APPLIED CUT OUT VINYL	3M OPAQUE FILM 7125-20 MATTE WHITE
M7	CLEAR ACRYLIC	

SIGN QUANTITIES BY SIGN TYPES			
QTY	TYPE*	DESCRIPTION	
3	ID12	MEDIUM ID	
1	ID6	MANAGER	



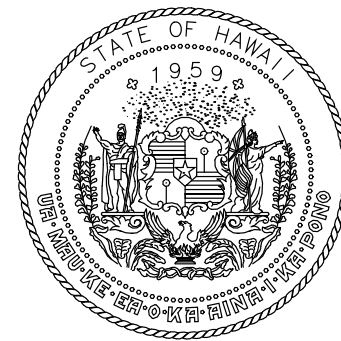
LETTERING & BRAILLE
ADA COMPLIANT TACTILE LETTERING
1/32" THK. W/ BEVELED EDGES; M2, ADA
COMPLIANT CLEAR BALLPOINT BRAILLE.

SIGNFACE
1/8" THK, ADA COMPLIANT MATTE CLEAR
ACRYLIC M1 WITH MATCHING MATTE
EDGES. SPRAY SUBSURFACE COLOR TO
MATCH P1. (SEAL BACKGROUND PAINT
WITH SPRAYED ADHESIVE RESISTANT
PAINT IF REQ'D.)

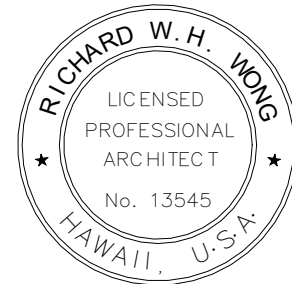
MOUNTING
PROVIDE SAME SIZE 1/8" ACRYLIC
BACKER PAINTED TO MATCH
BACKGROUND COLOR HARD MOUNT
WITH COUNTER SUNK SCREWS. MOUNT
FACE PLATE TO BACKER WITH .020 IN.
THK. VHB TAPE AS REQUIRED.

0.75" CAP. HT.

6 ID12/MEDIUM ID
12" = 1'-0"



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RW	LA	RW	RW

KEY PLAN / NOTES:

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CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

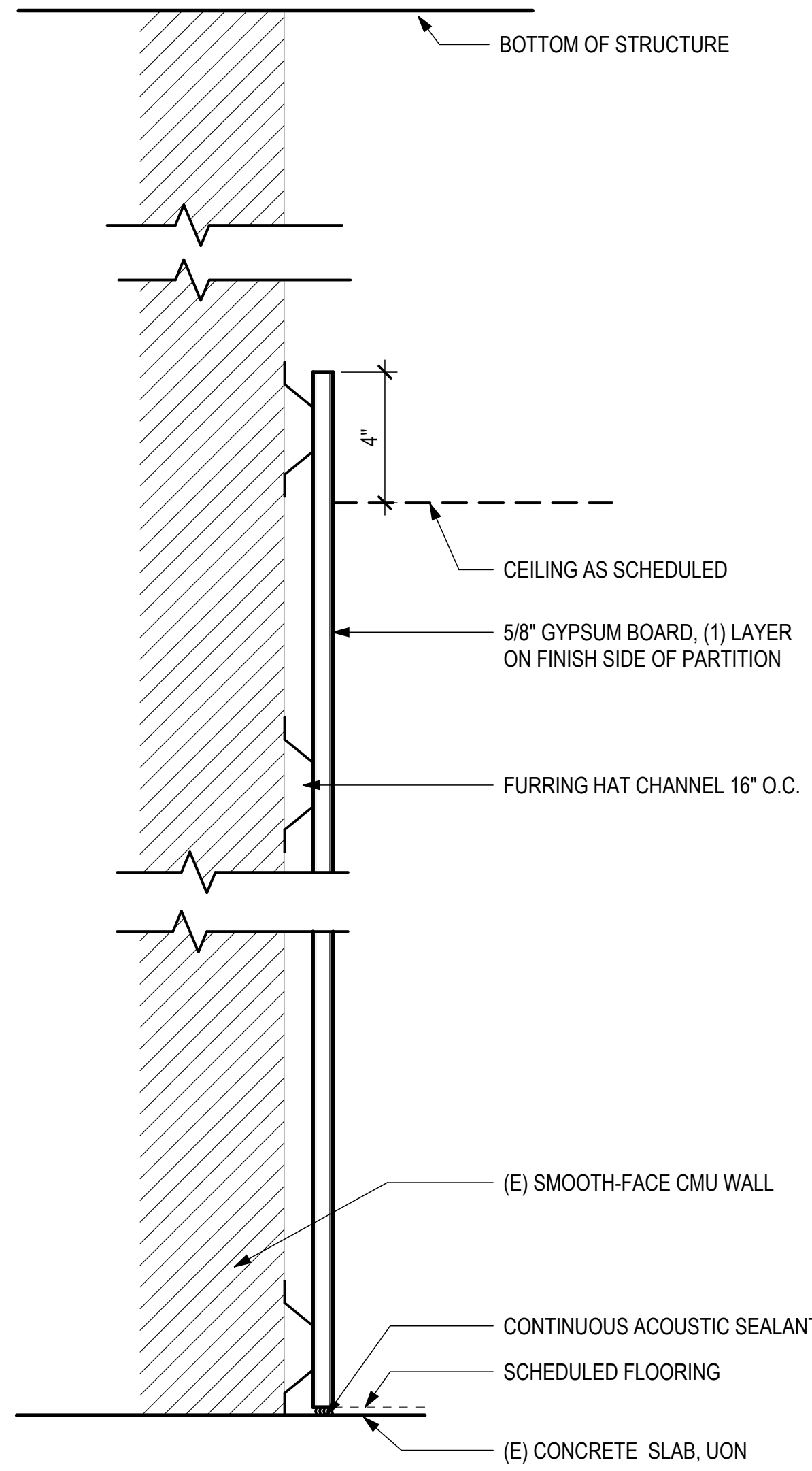
CM1642-13

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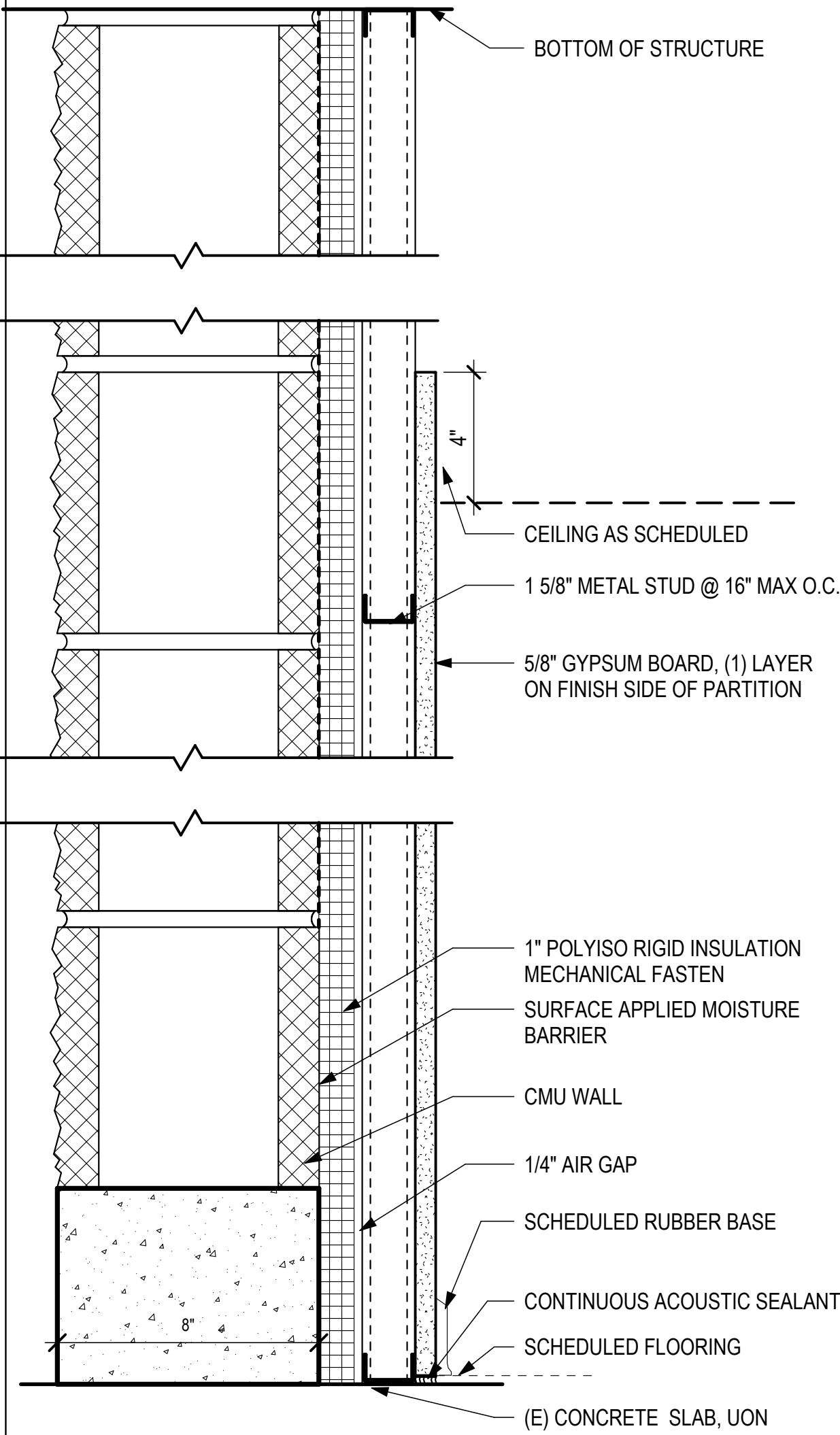
SIGN TYPES,
SIGNAGE MESSAGE
SCHEDULE, PAINT &
MATERIAL SCHEDULE

DATE:	DWG. NO.
04/15/2026	A-704
SHEET:	
11 OF 36 SHTS	

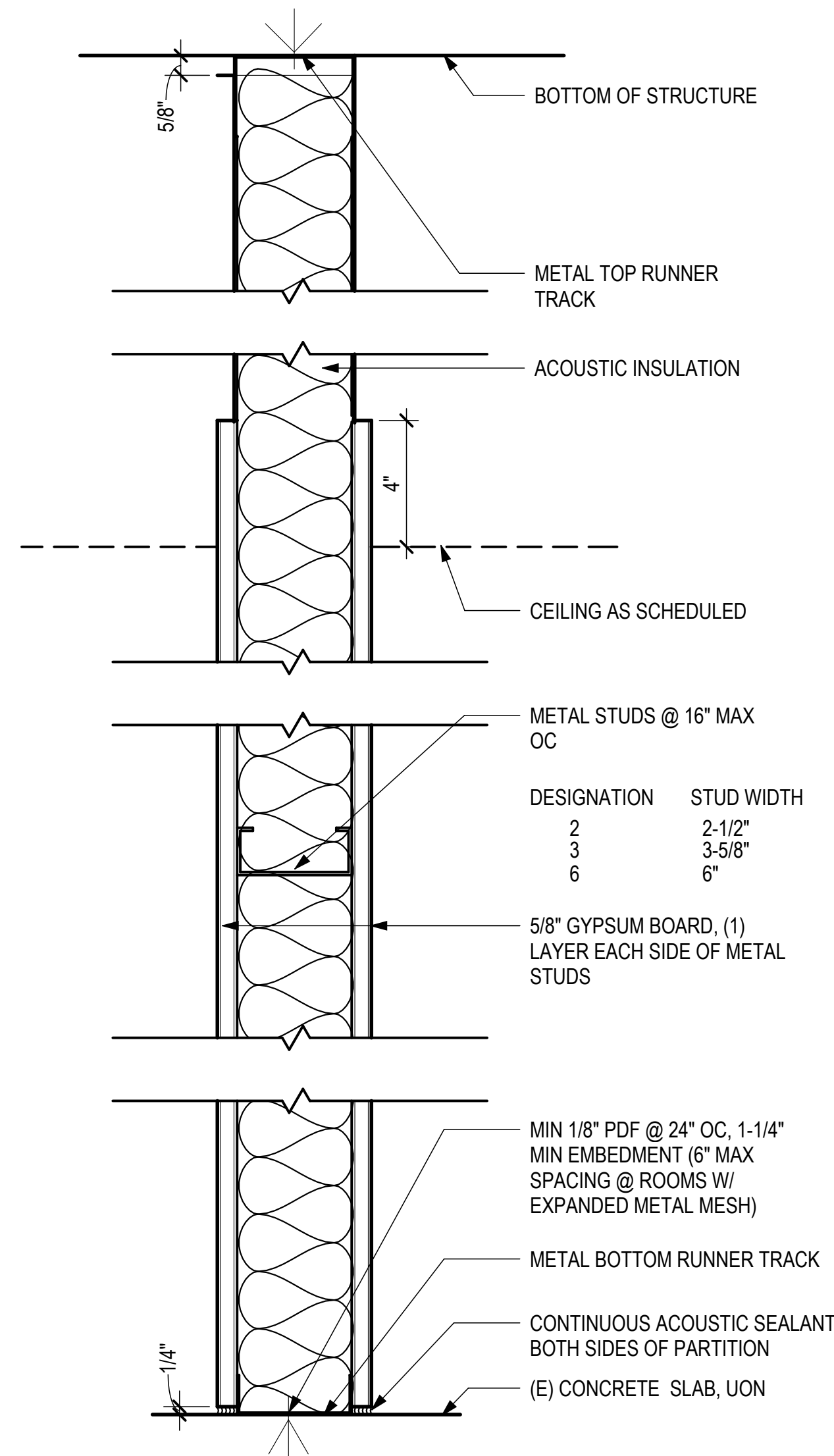
4/14/2026 9:01:35 AM



3 TYPE D - (E) WALL FURRING NON-RATED
3" = 1'-0"



2 TYPE E - FURRING ON EXTERIOR CMU WALL
3" = 1'-0"



1 TYPE A - INT. PARTITION NON-RATED
3" = 1'-0"

PARTITION NOTES

THE "PARTITION TYPE TAG", ILLUSTRATED BELOW, INDICATES THE ASSEMBLY OF EACH PARTITION INDICATED BY THE TAG ON THE FLOOR PLANS, AND OTHER DRAWINGS IN THE PROJECT DOCUMENTS.

REFER TO PARTITION TYPE DETAILS INDICATED BY THE "PARTITION TYPE" CHARACTER OF THE TAG, FOR EXAMPLE: PARTITION TAG ID "A" = REFERENCE TO DETAIL "TYPE A".

THE "METAL STUD/CMU NOM WIDTH" CHARACTER OF THE TAG, AND AS SHOWN ON PARTITION TYPE DETAILS, INDICATES THE METAL STUD OR CMU NOM WIDTH, FOR EXAMPLE: "3" = 3-5/8" METAL STUDS.

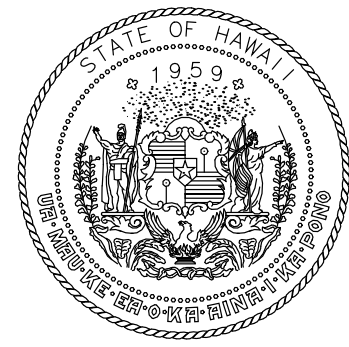
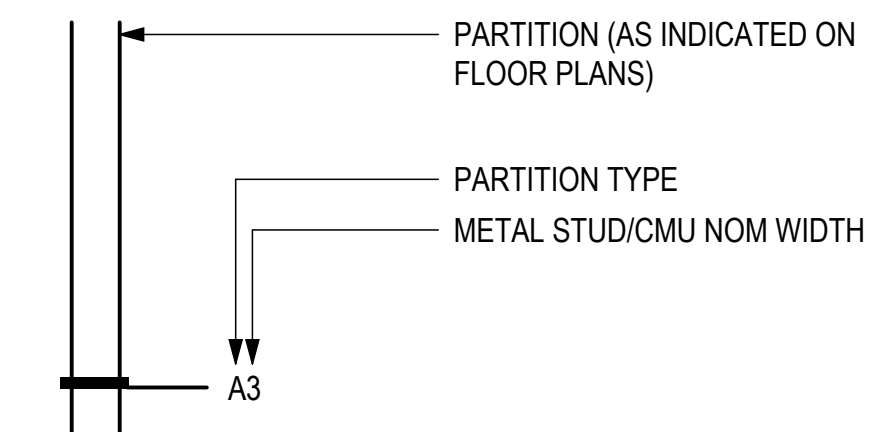
THE "PARTITION TYPE MODIFIER" CHARACTERS REFER TO THE "PARTITION TYPE MODIFIER" NOTES SHOWN BELOW.

THE "PARTITION KEYNOTE" CHARACTERS REFER TO THE "PARTITION KEYNOTE" NOTES SHOWN BELOW. FOR EXAMPLE, "S50" = PARTITION SHALL COMPLY WITH SOUND TRANSMISSION CLASS LEVEL STC-50.

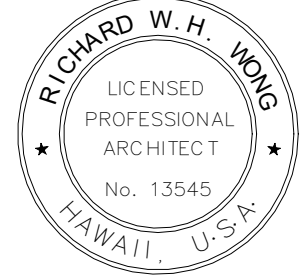
GENERAL NOTES - IBC SEISMIC CATEGORY D-F:
ALL METAL STUD PARTITION TYPES SHALL COMPLY WITH PARTITION TYPE GENERAL NOTES, AND ALL METAL STUDS SHALL BE MIN 20 GA, UON.

ALL CMU PARTITION TYPES SHALL COMPLY WITH PARTITION TYPE GENERAL NOTES, AND REINFORCING AS INDICATED ON THE STRUCTURAL DRAWINGS, UON.

PARTITION TYPE TAG:



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KEY PLAN / NOTES:

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APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

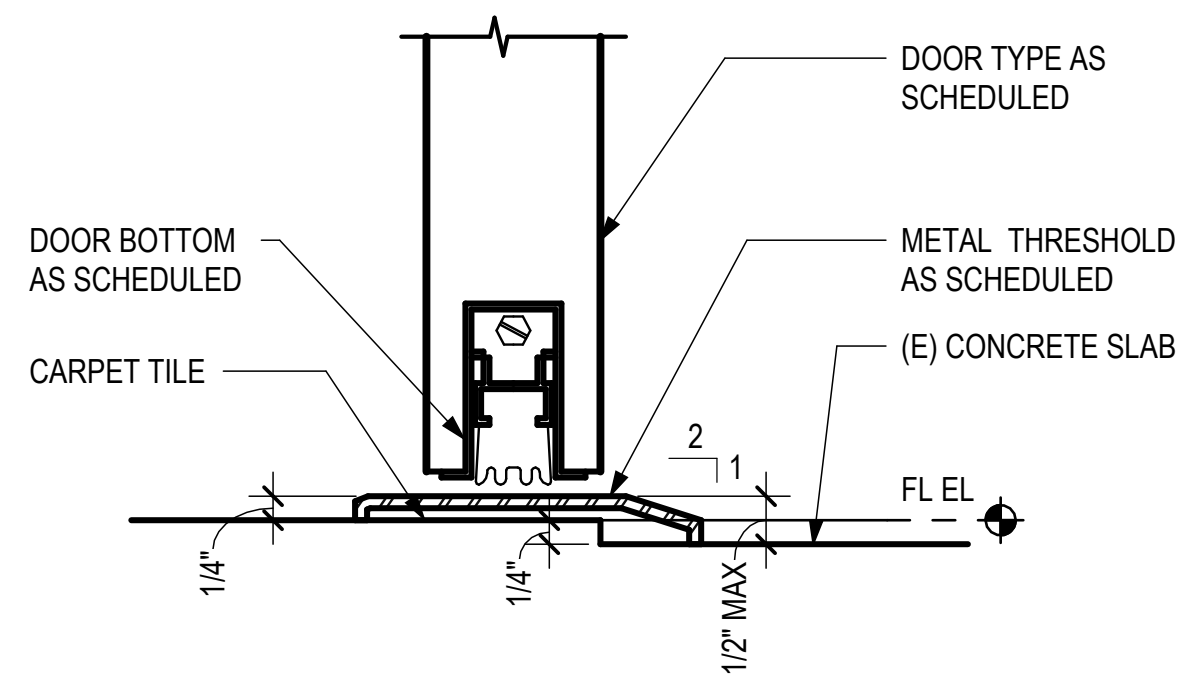
CM1642-13

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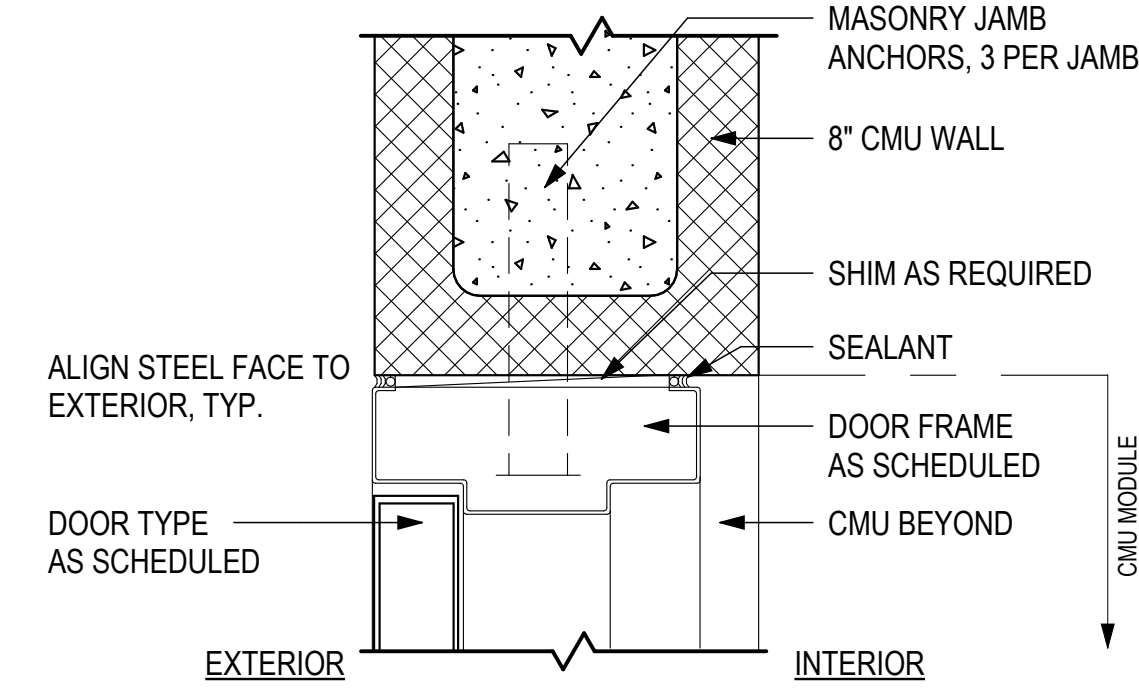
PARTITION TYPES

DATE:	DWG. NO.
04/15/2026	A-801
SHEET:	
12 OF 36 SHTS	

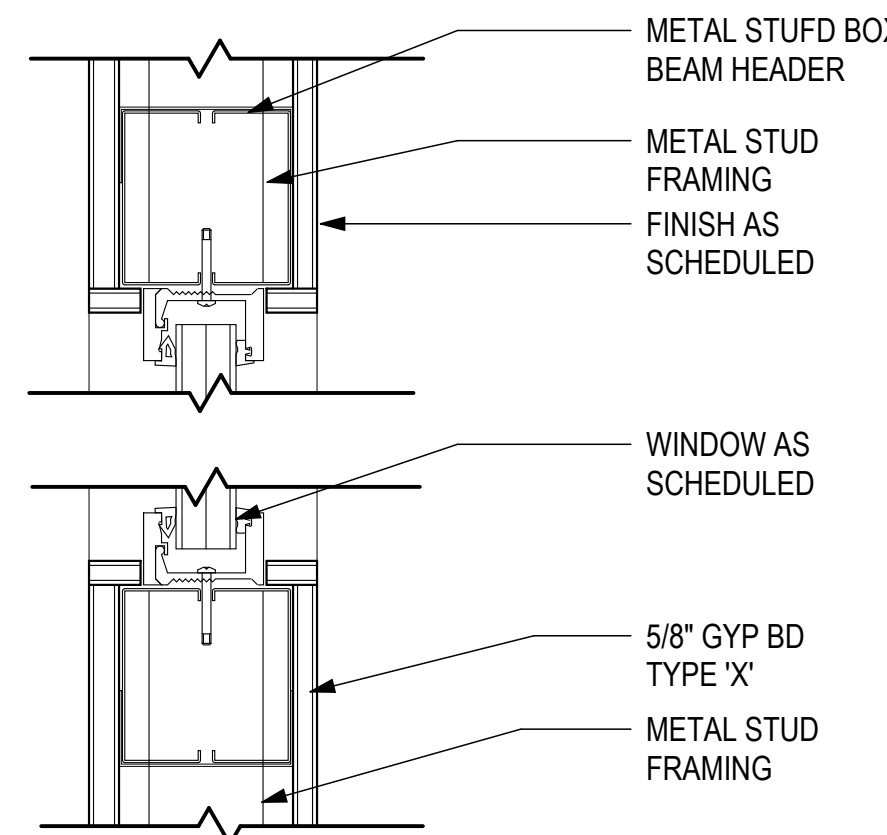
4/14/2026 9:01:36 AM



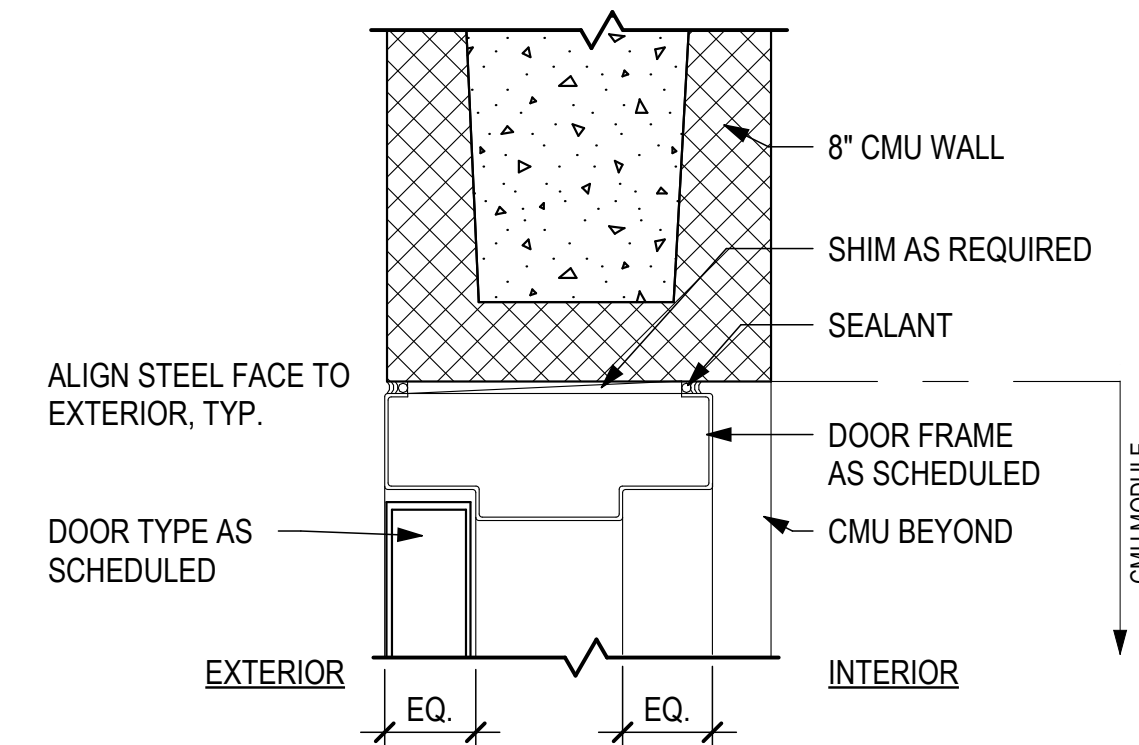
5 DOOR - EXTERIOR THRESHOLD
6" = 1'-0"



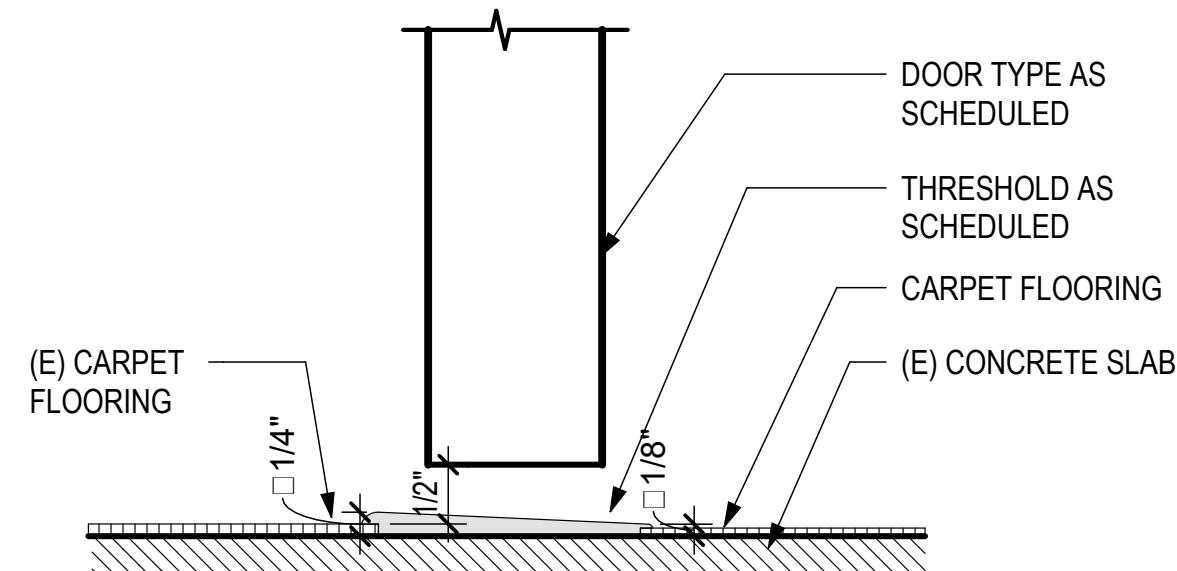
1 DOOR - CMU - JAMB
3" = 1'-0"



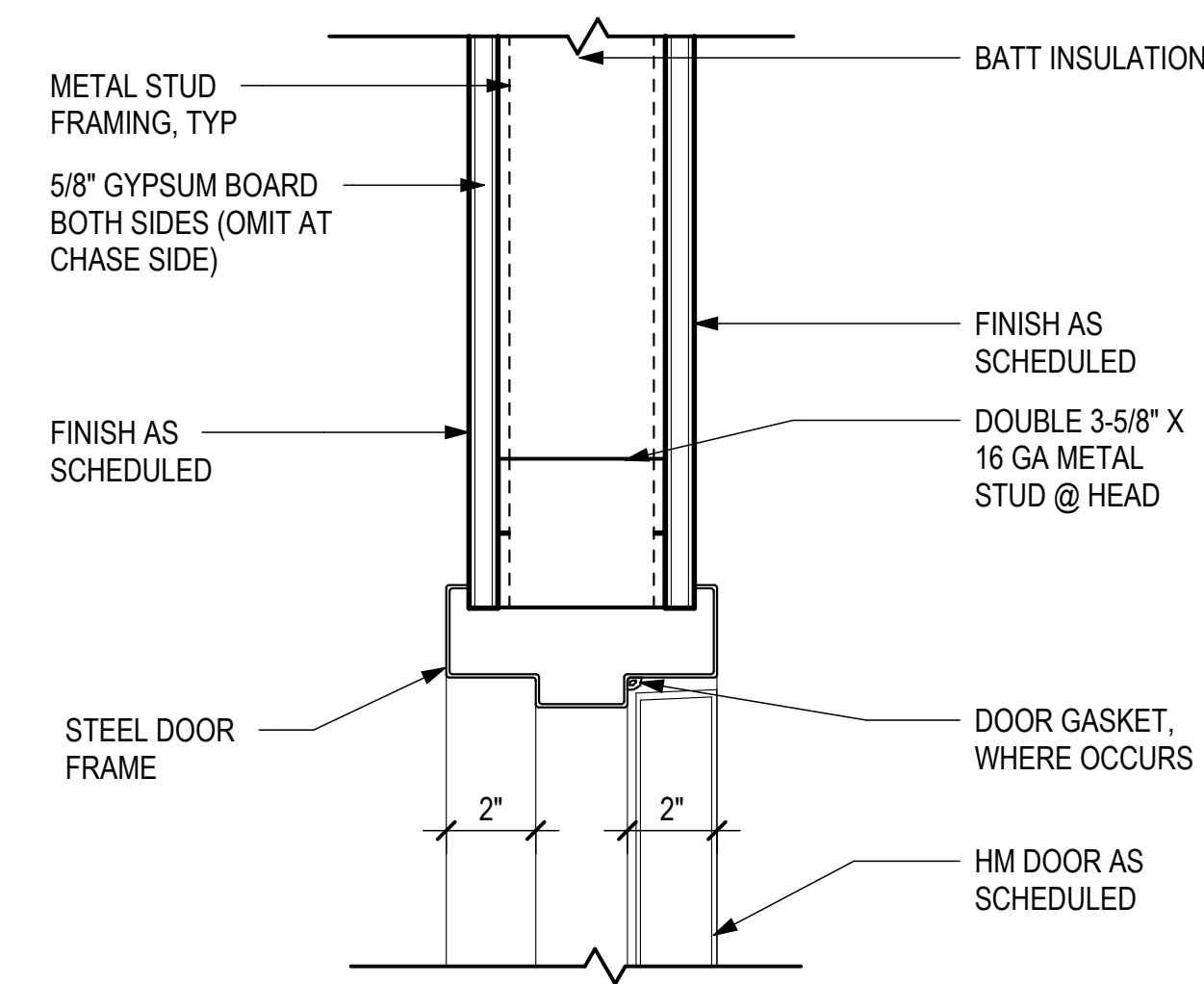
6 TYP WINDOW HEAD/JAMB/SILL
3" = 1'-0"



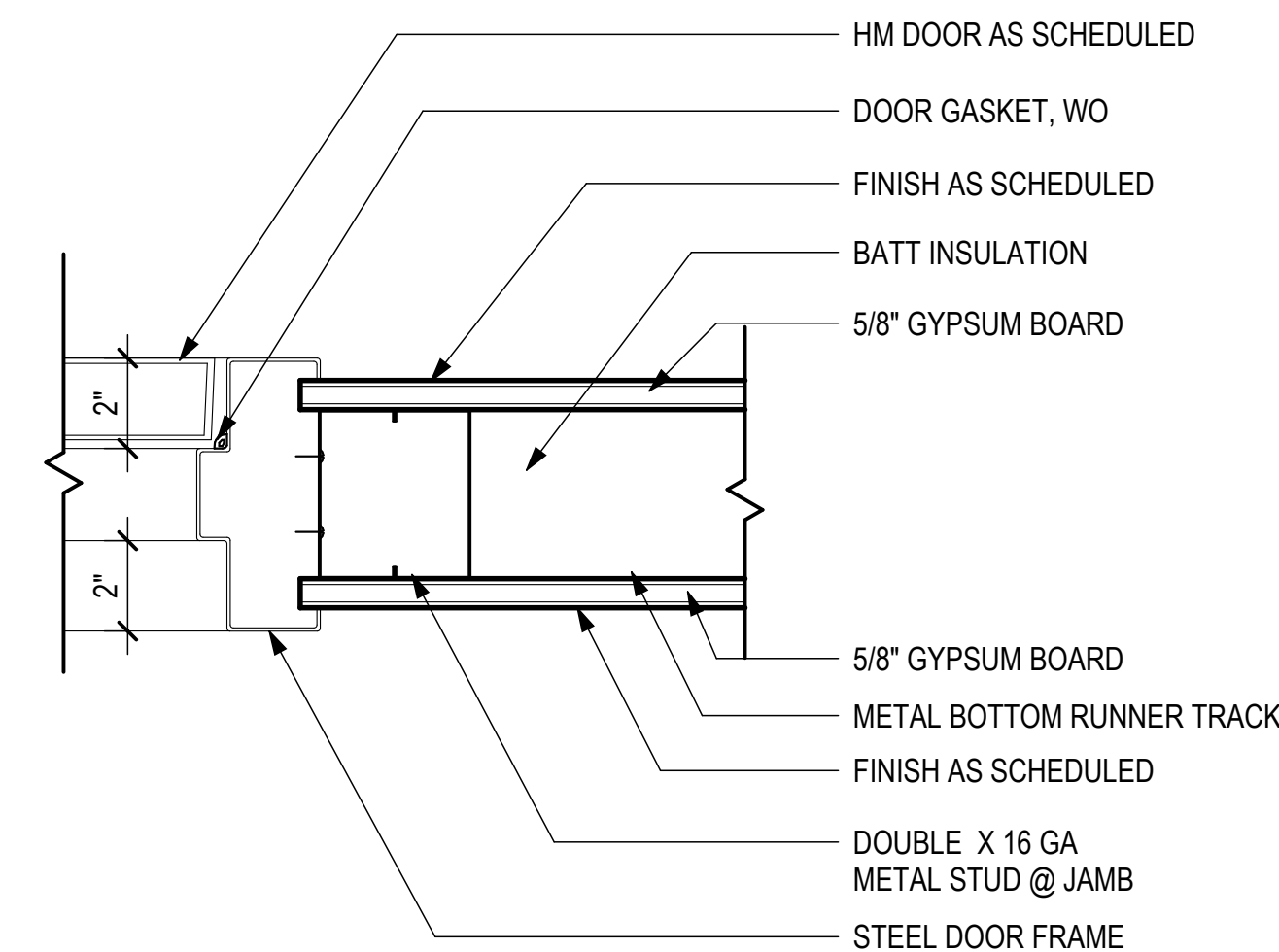
2 DOOR- CMU - HEAD
3" = 1'-0"



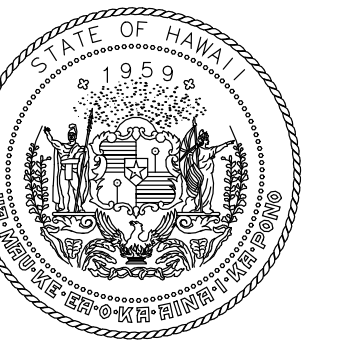
7 DOOR - INTERIOR THRESHOLD
6" = 1'-0"



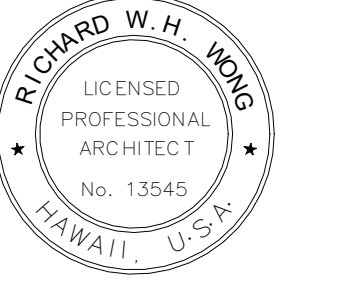
3 DOOR - GYP BD - HEAD
3" = 1'-0"



4 DOOR - GYP BD - JAMB
3" = 1'-0"



STATE OF HAWAII
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RW	LA	RW	RW

KEY PLAN / NOTES:

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CONSTRUCTION DOCUMENTS

APRIL 15, 2026
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PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

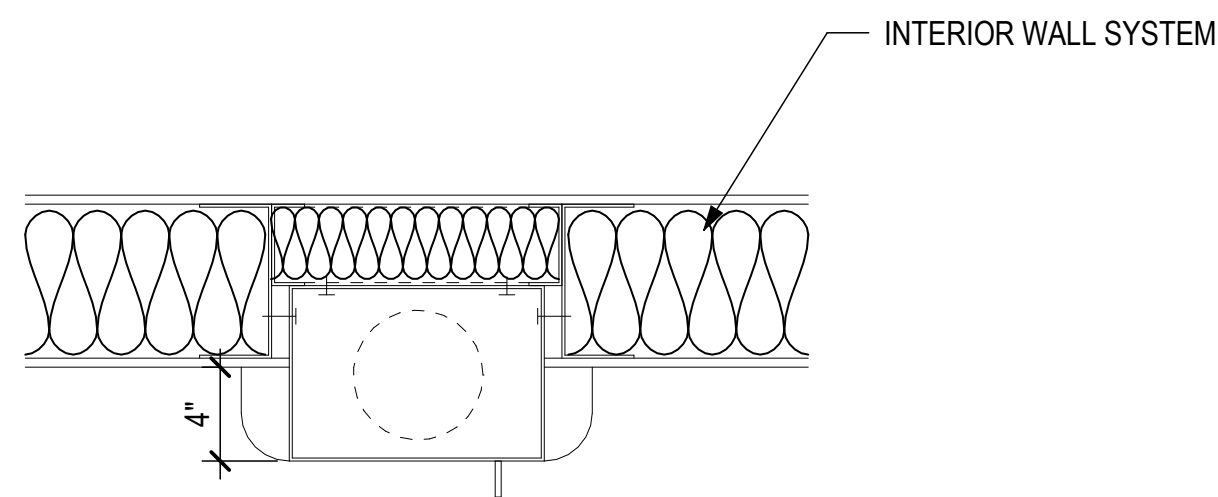
PROJECT NO.:

CM1642-13

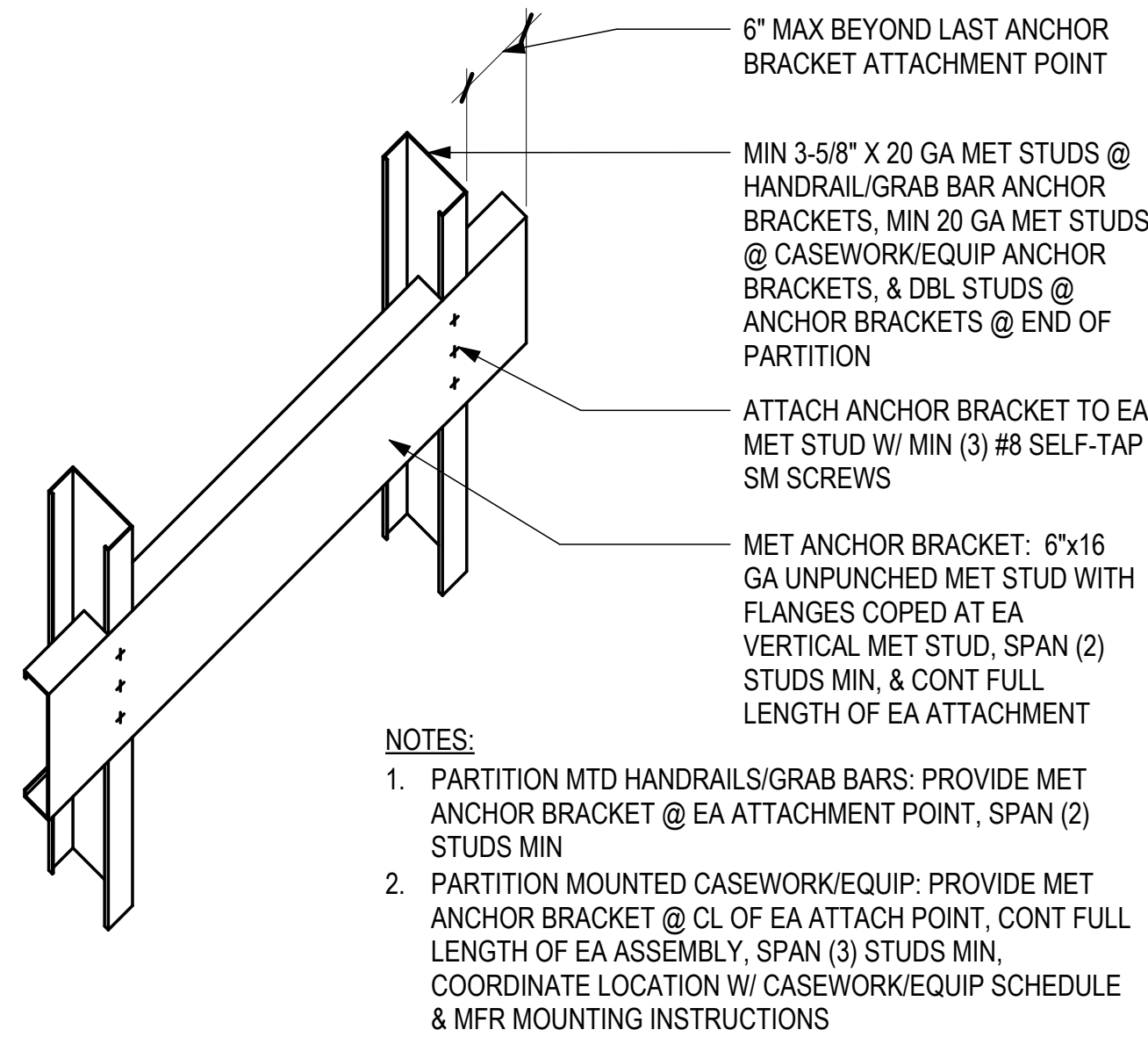
SHEET TITLE:

DOOR & WINDOW
DETAILS

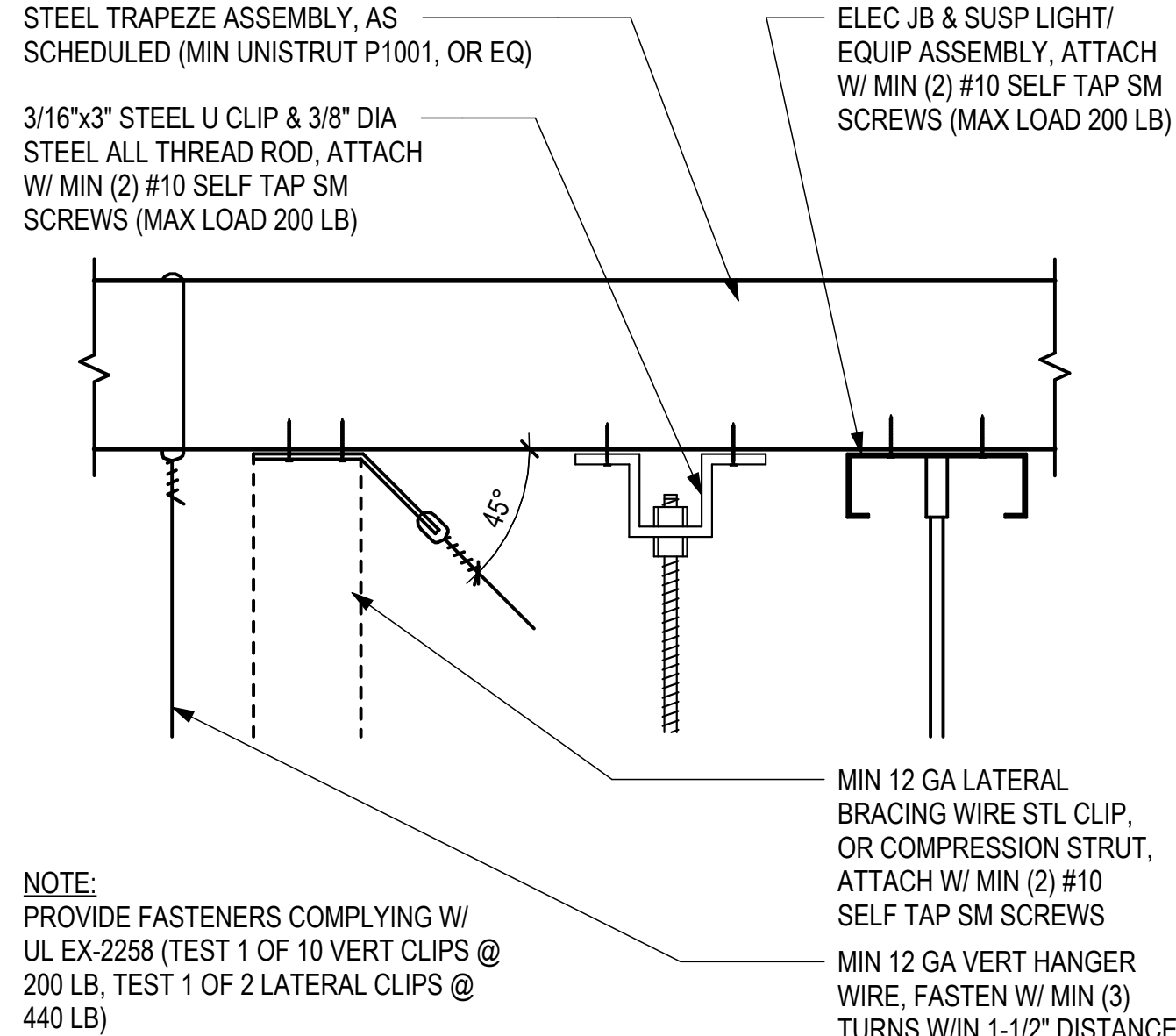
DATE :	DWG. NO.
04/15/2026	A-811
SHEET :	
13 OF 36 SHTS	



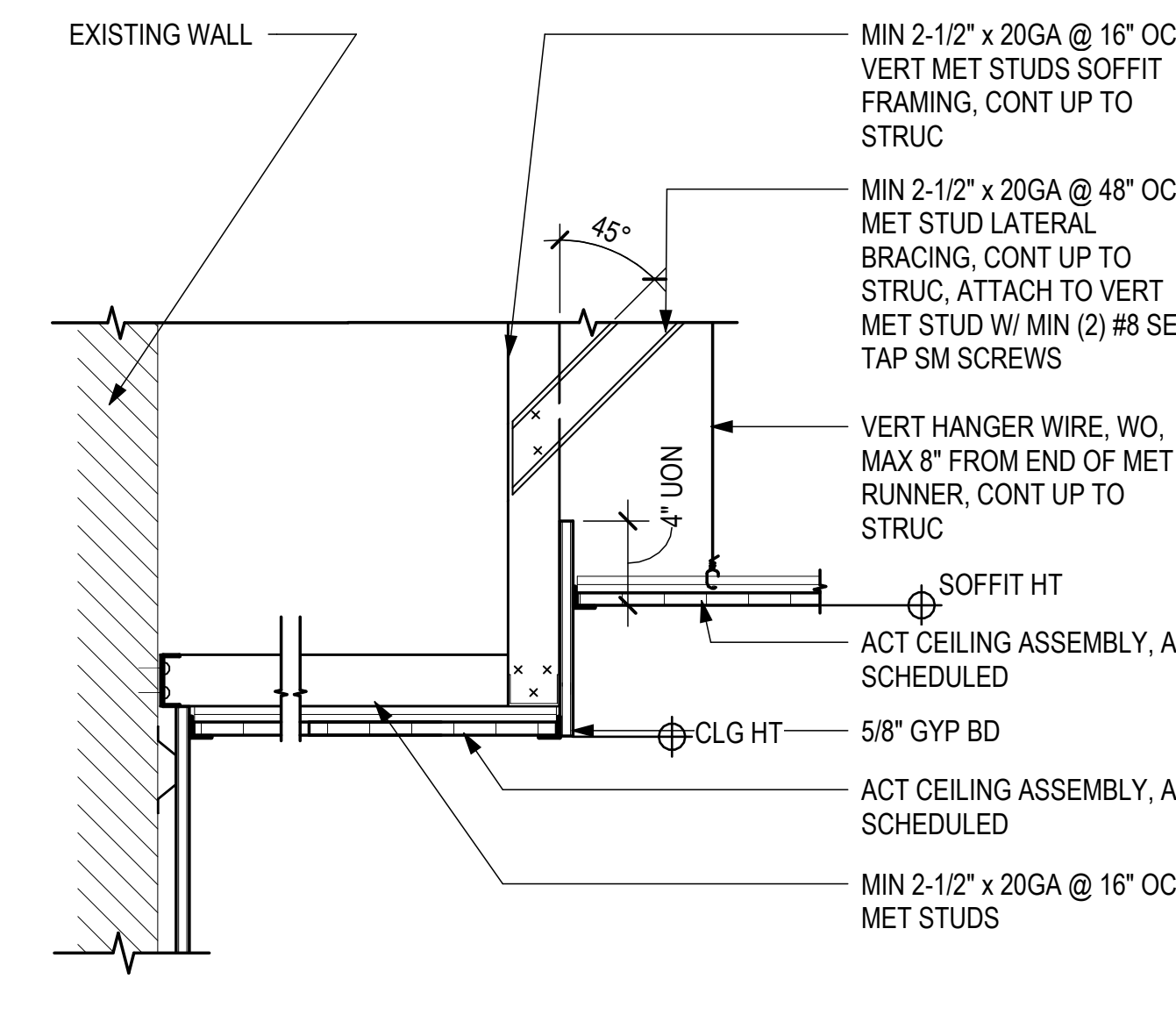
13 SEMI-RECESSED FEC SECTION
1 1/2" = 1'-0"



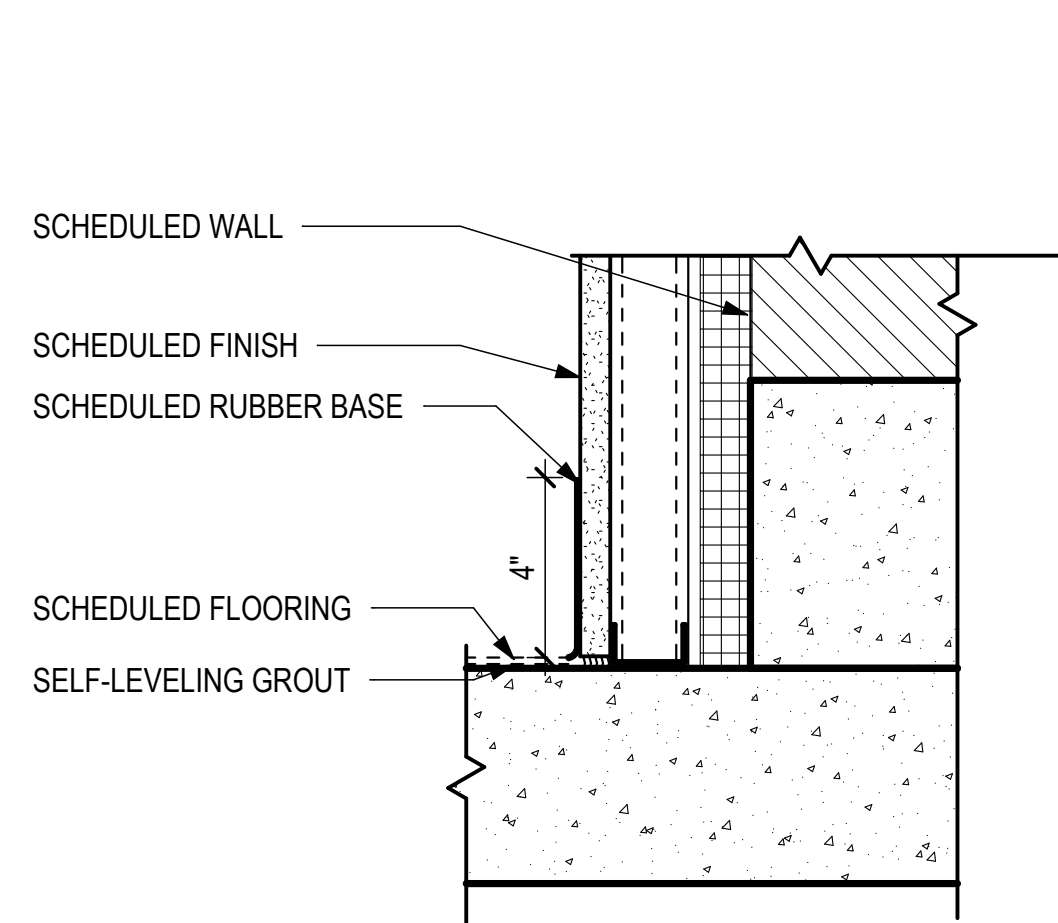
9 TYPICAL METAL STUD ANCHOR BRACKET
1 1/2" = 1'-0"



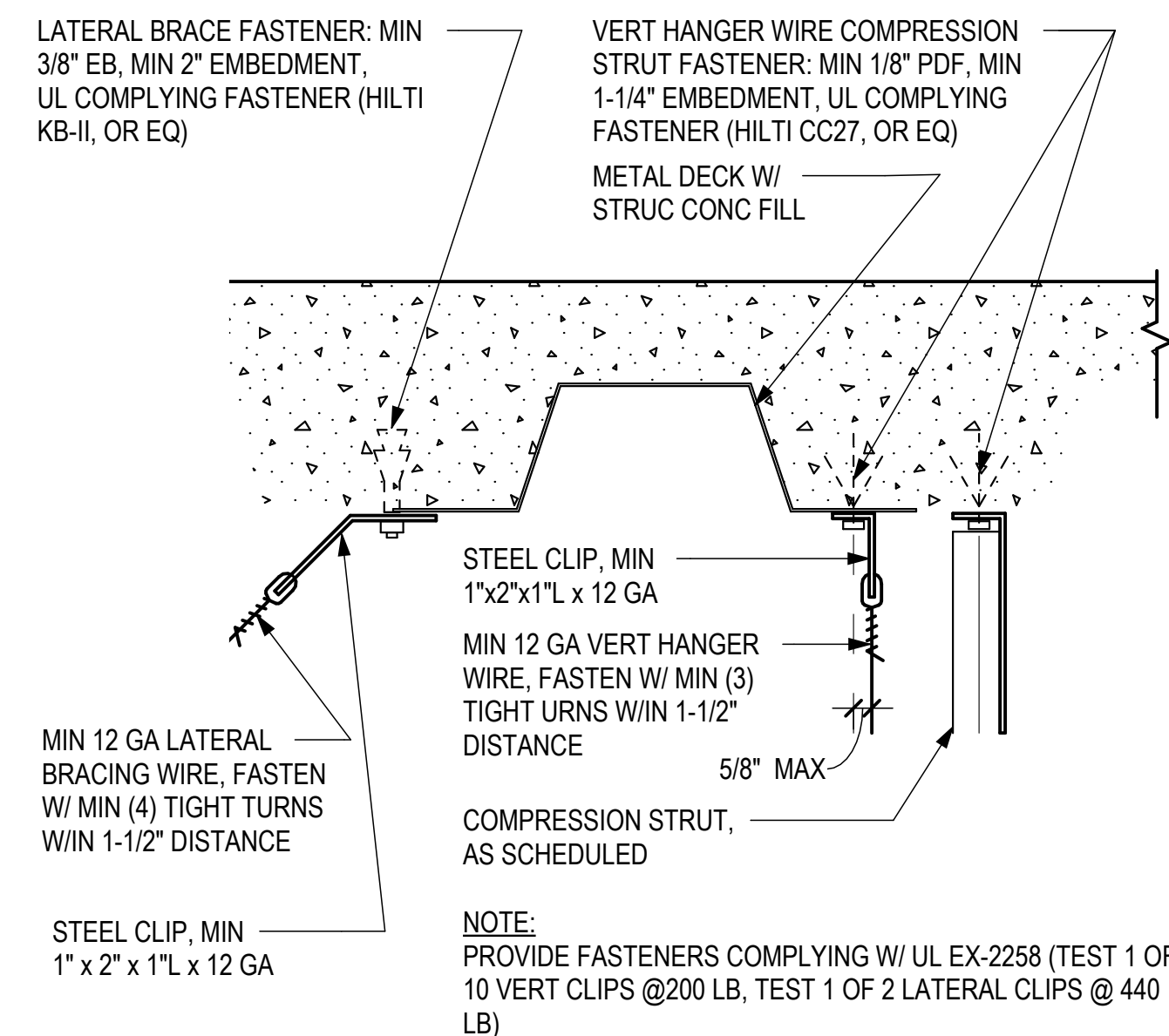
5 TRAPEZE CONNECTION
3" = 1'-0"



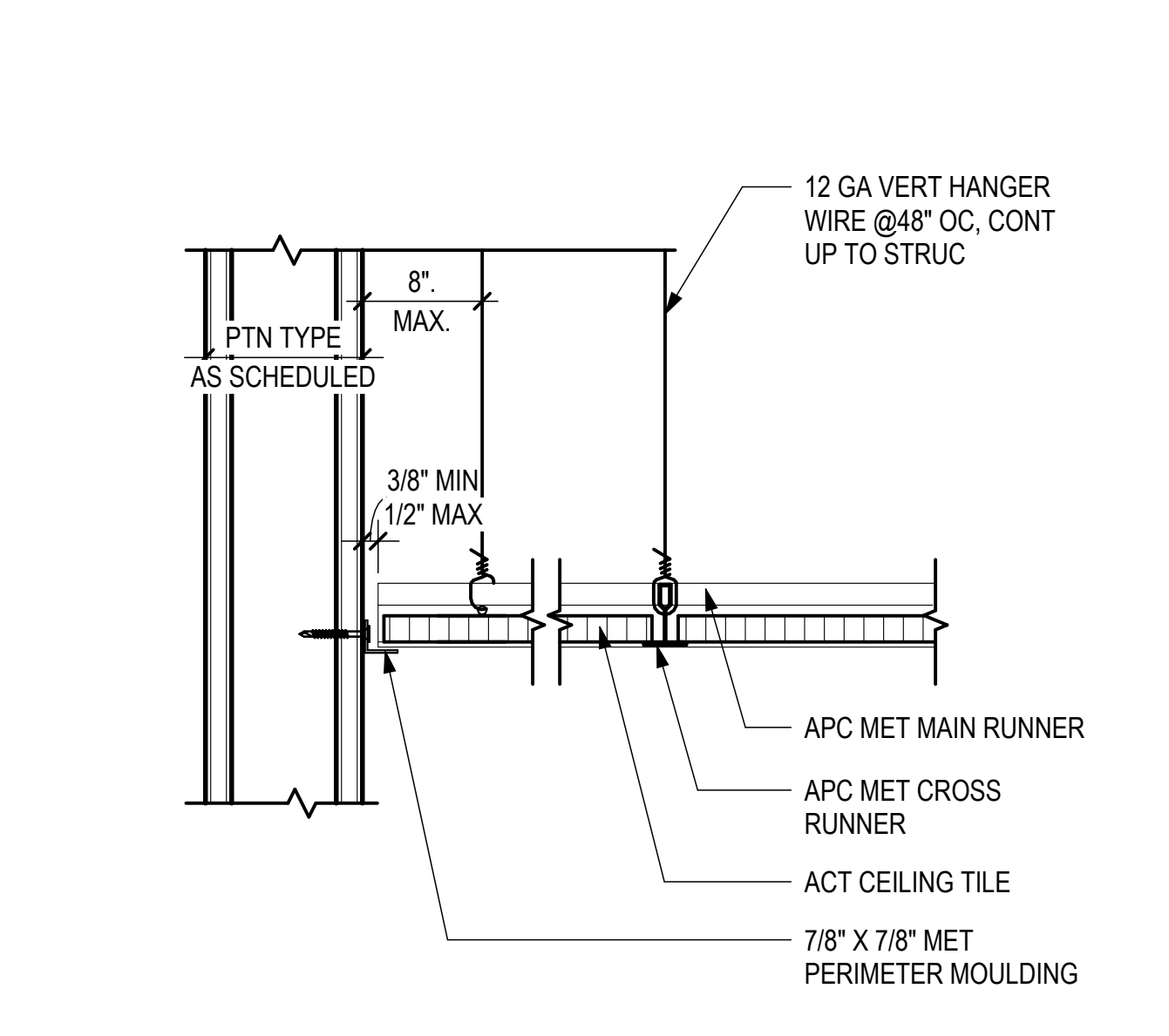
1 ACT - SOFFIT DETAIL
1 1/2" = 1'-0"



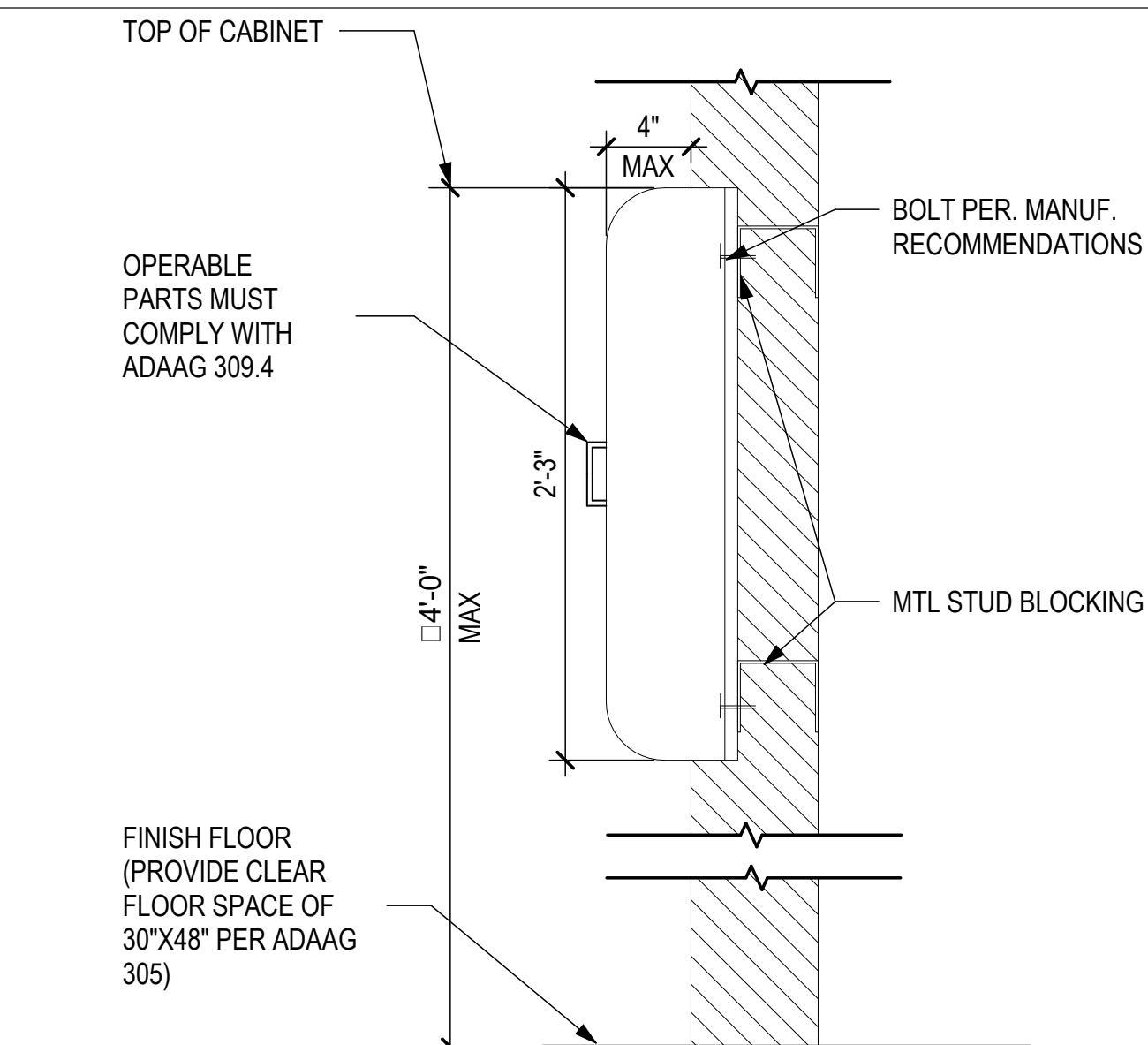
10 RUBBER BASE DETAIL
3" = 1'-0"



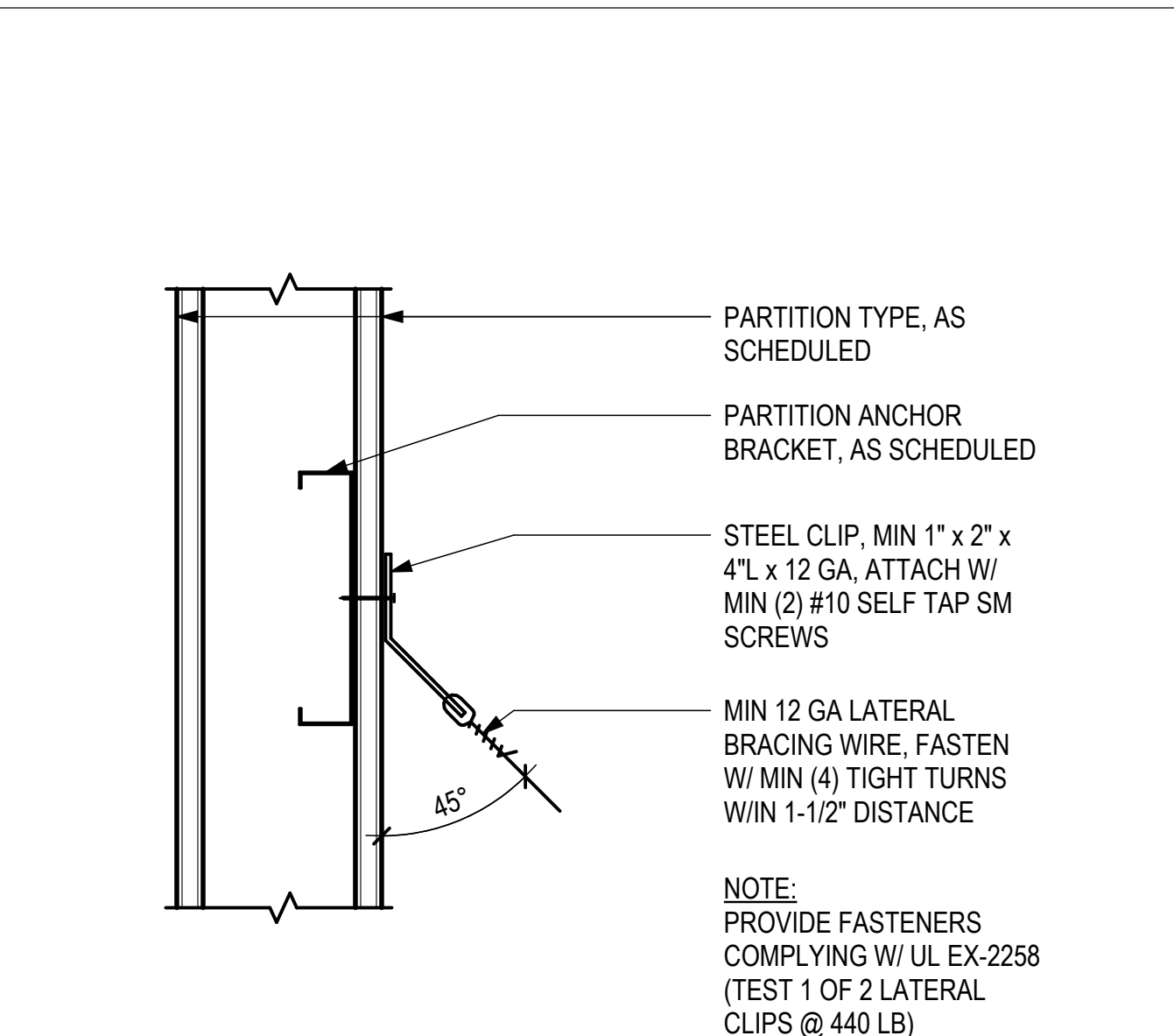
6 WIRE ATTACHMENT AT CEILING
3" = 1'-0"



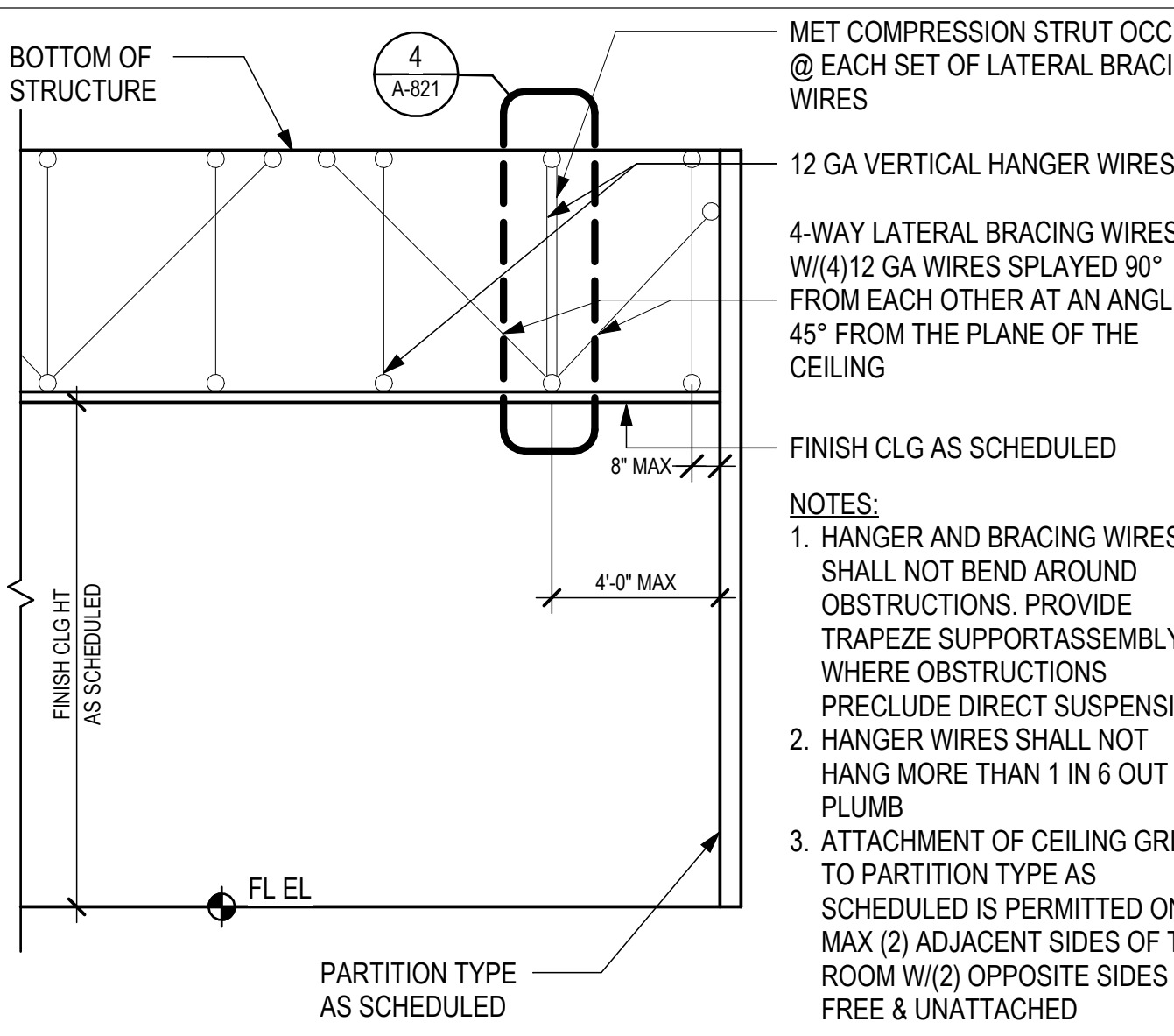
2 APT - SUSPENSION DETAIL
3" = 1'-0"



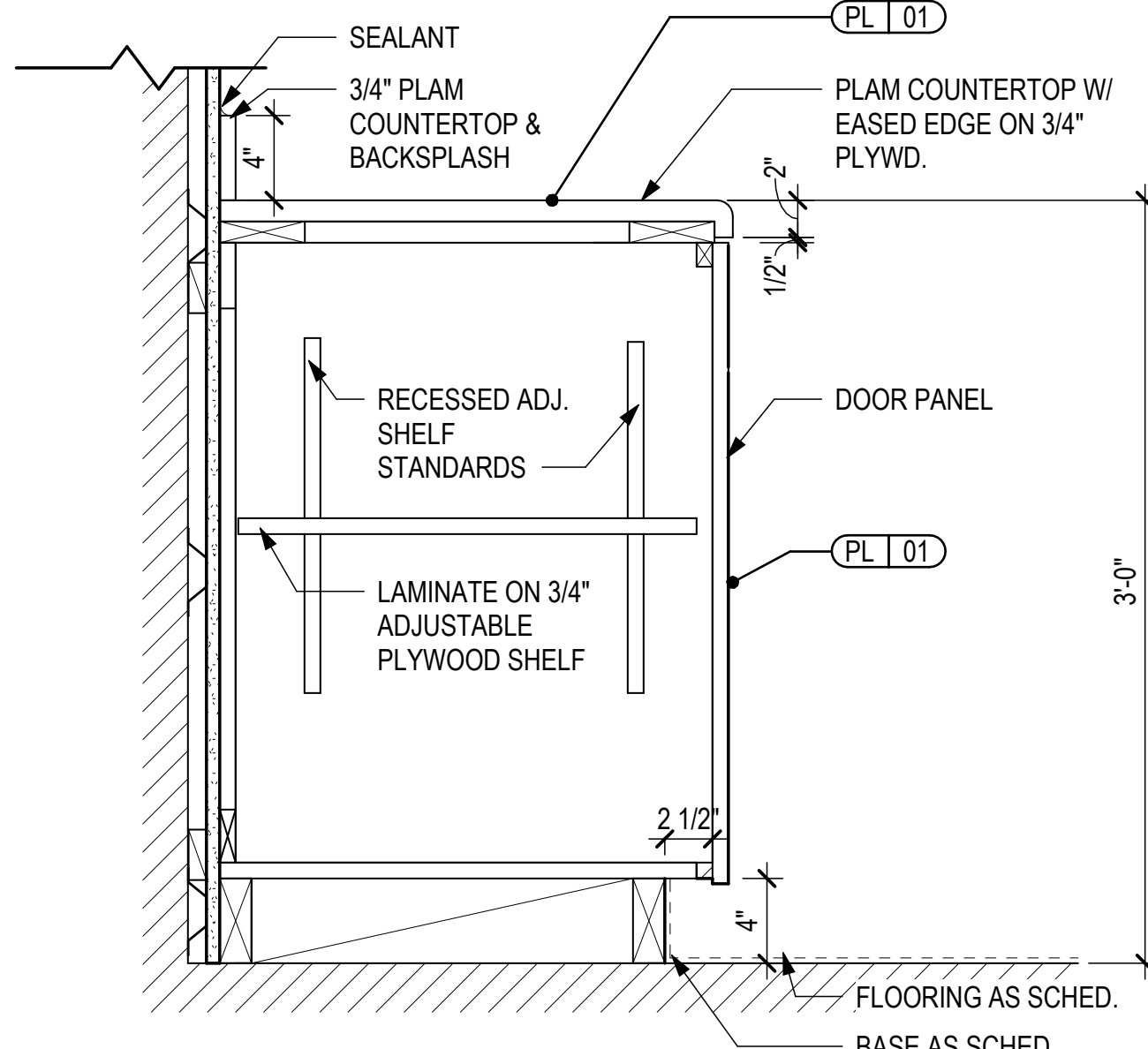
11 SEMI-RECESSED FEC
1 1/2" = 1'-0"



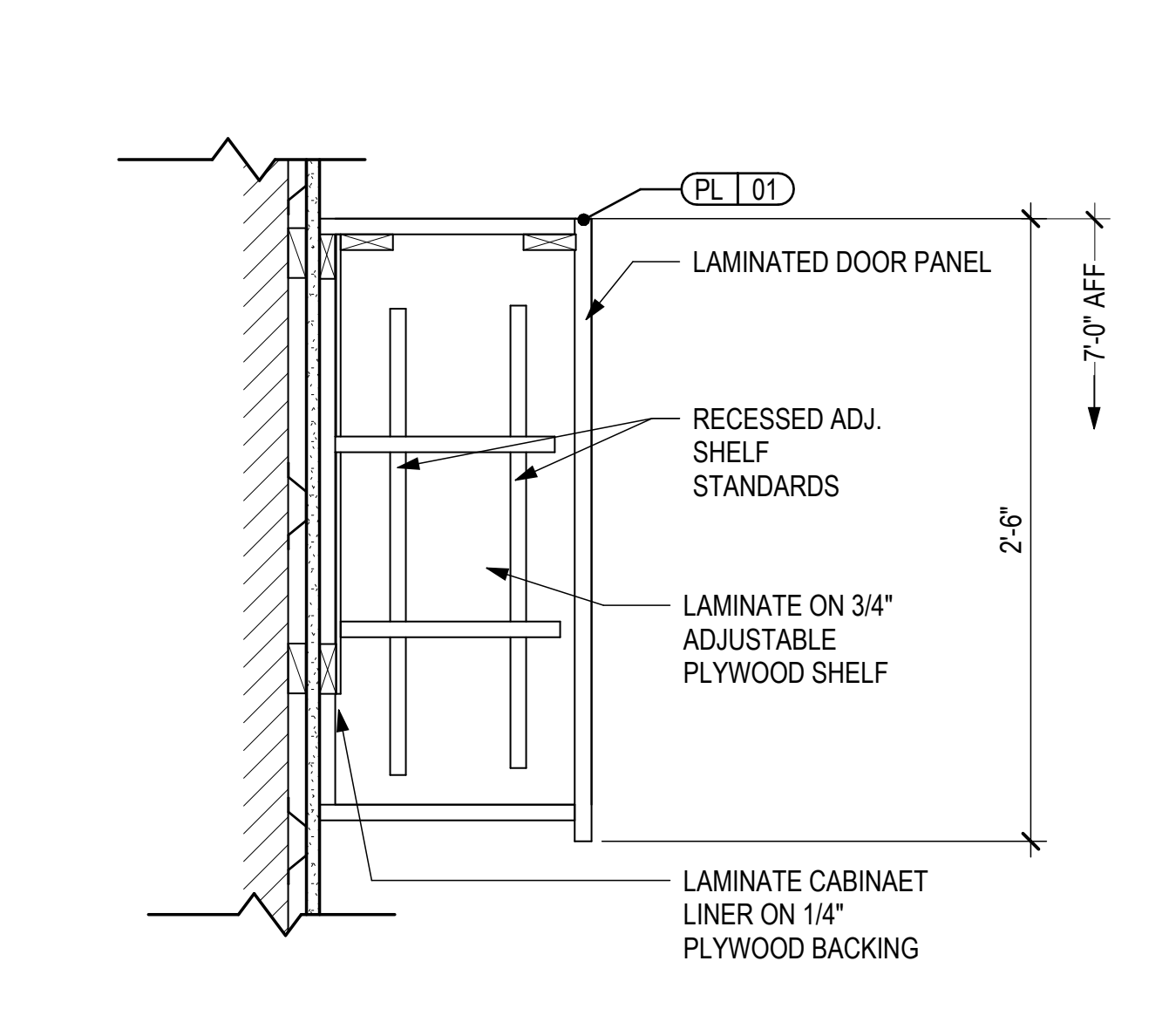
7 LATERAL WIRE ATTACHMENT TO WALL
3" = 1'-0"



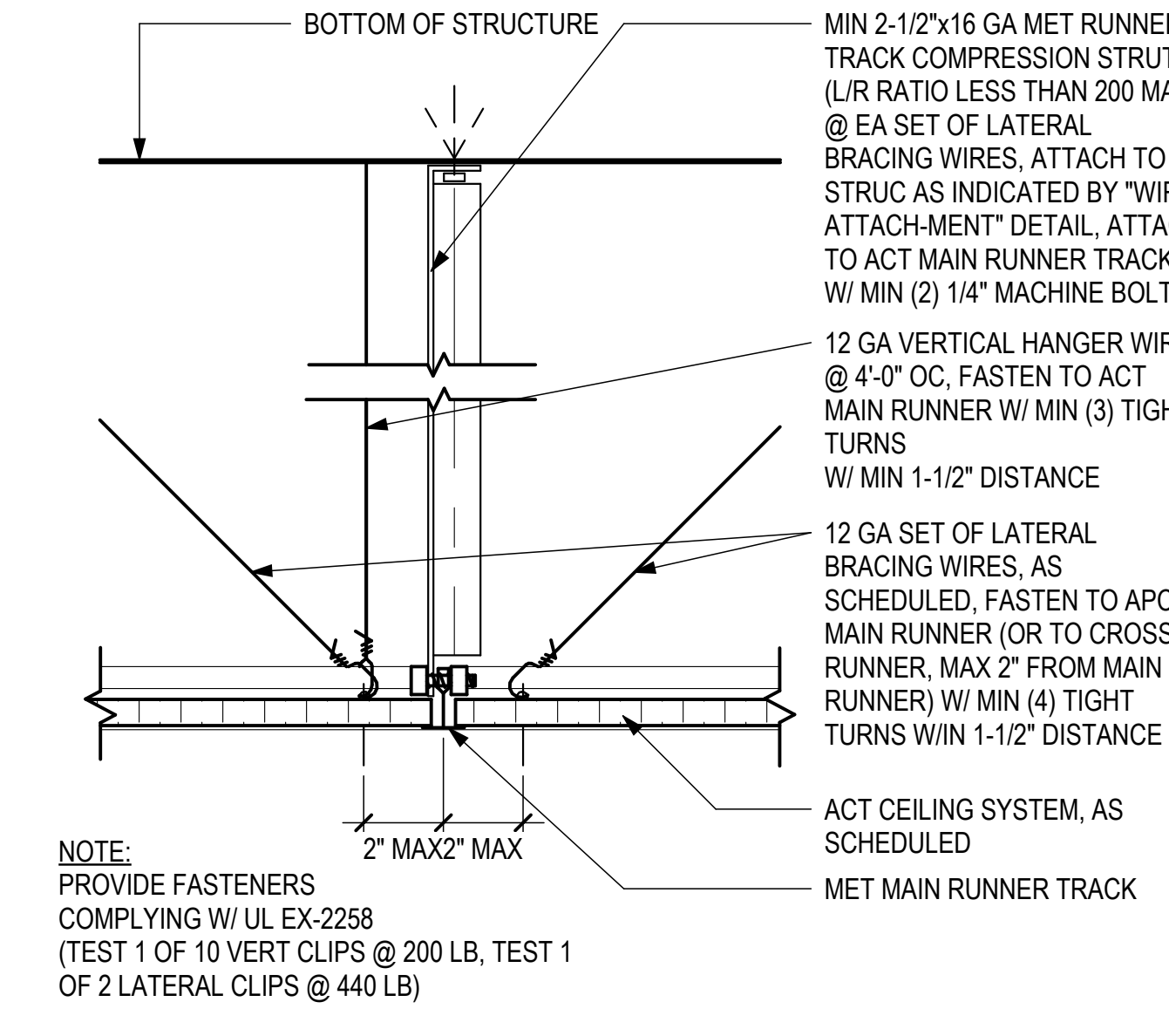
3 ACT - CEILING SECTION FRAMING
1/4" = 1'-0"



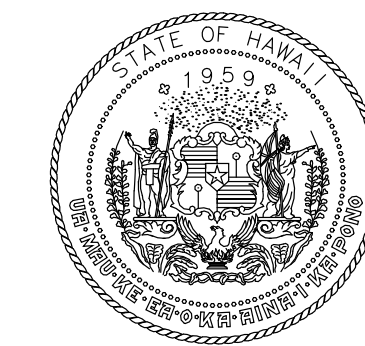
12 DETAIL-COUNTER AND BASE CABINET
1 1/2" = 1'-0"



8 DETAIL-WALL CABINET
1 1/2" = 1'-0"



4 ACT - COMPRESSION STRUT
3" = 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Richard W. H. Jung
04/20/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
RW	LA	RW	RW

KEY PLAN / NOTES:

NO. DATE REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

INTERIOR DETAILS

DATE: DWG. NO.

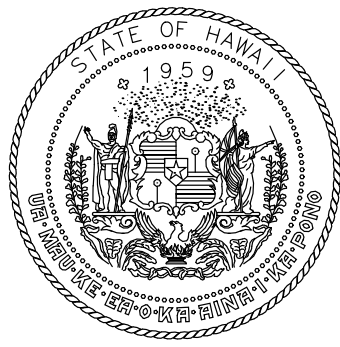
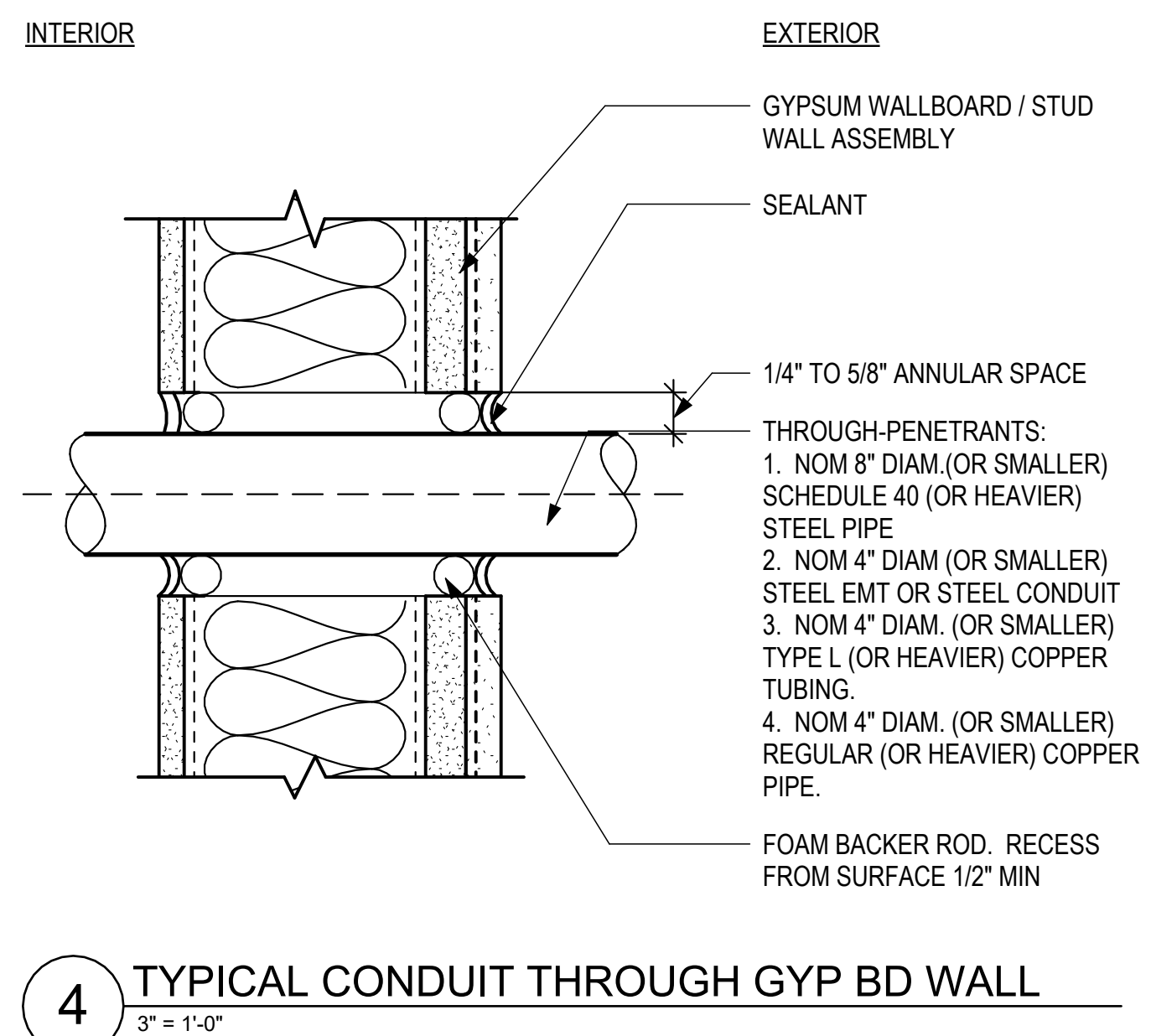
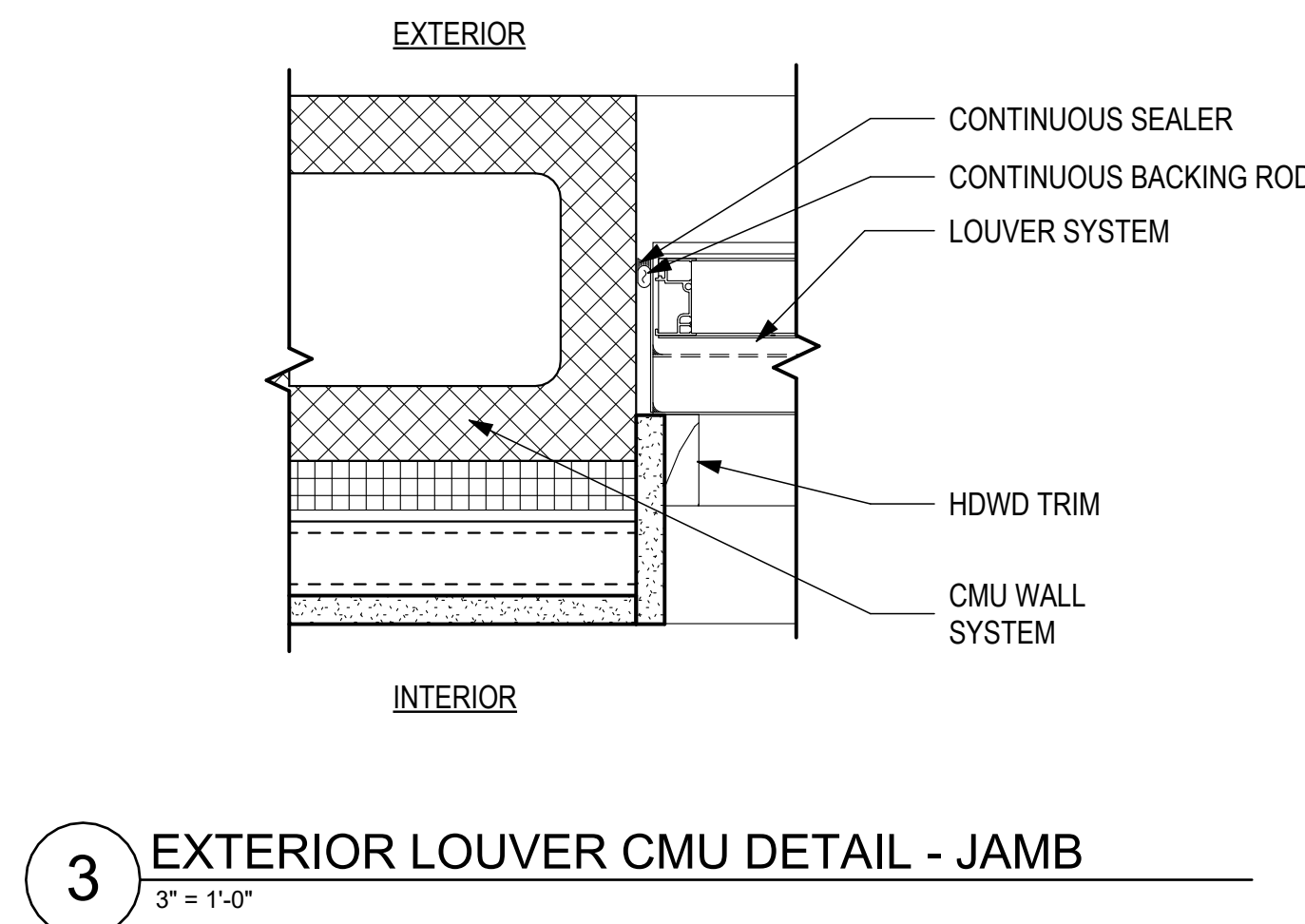
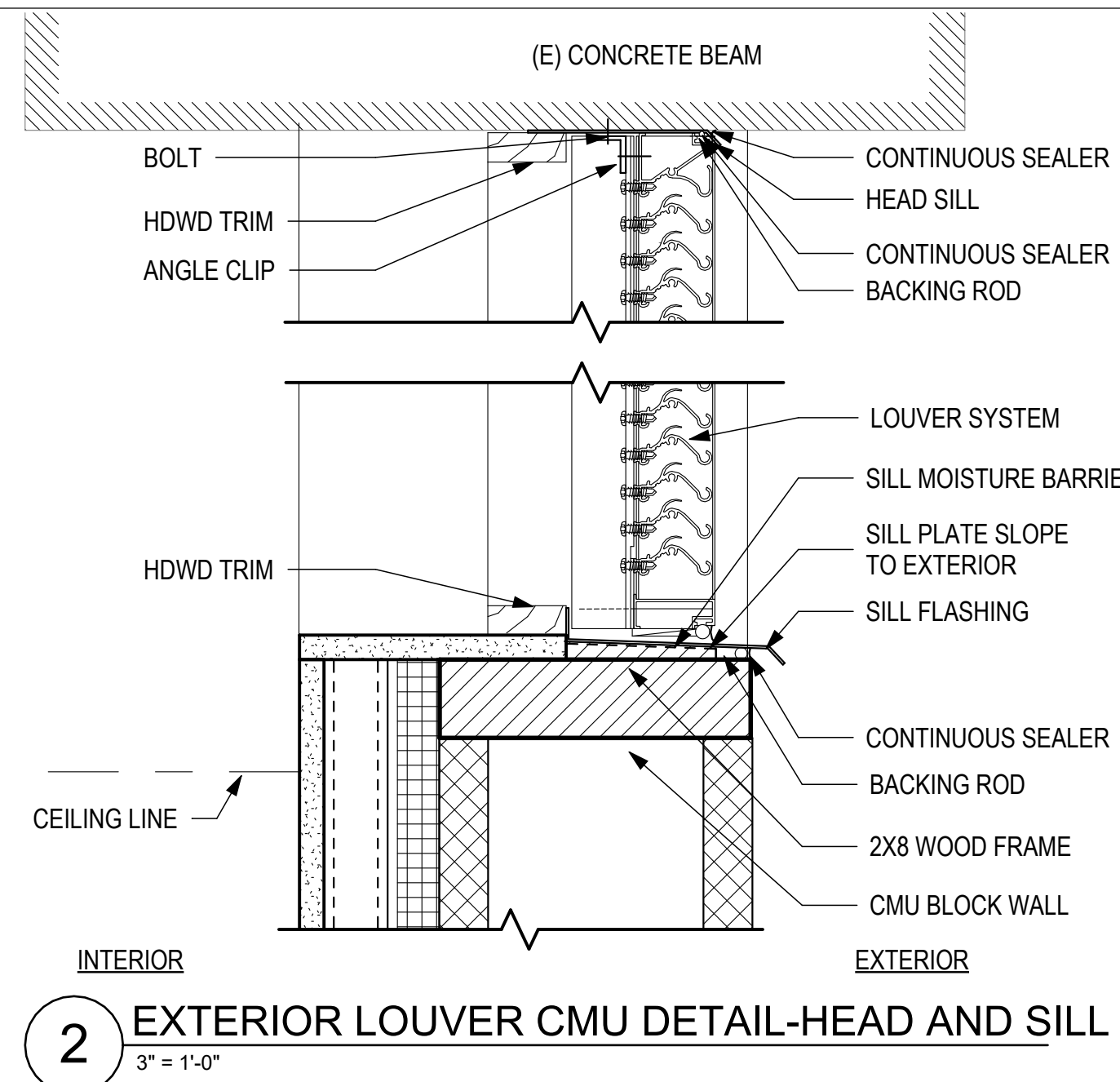
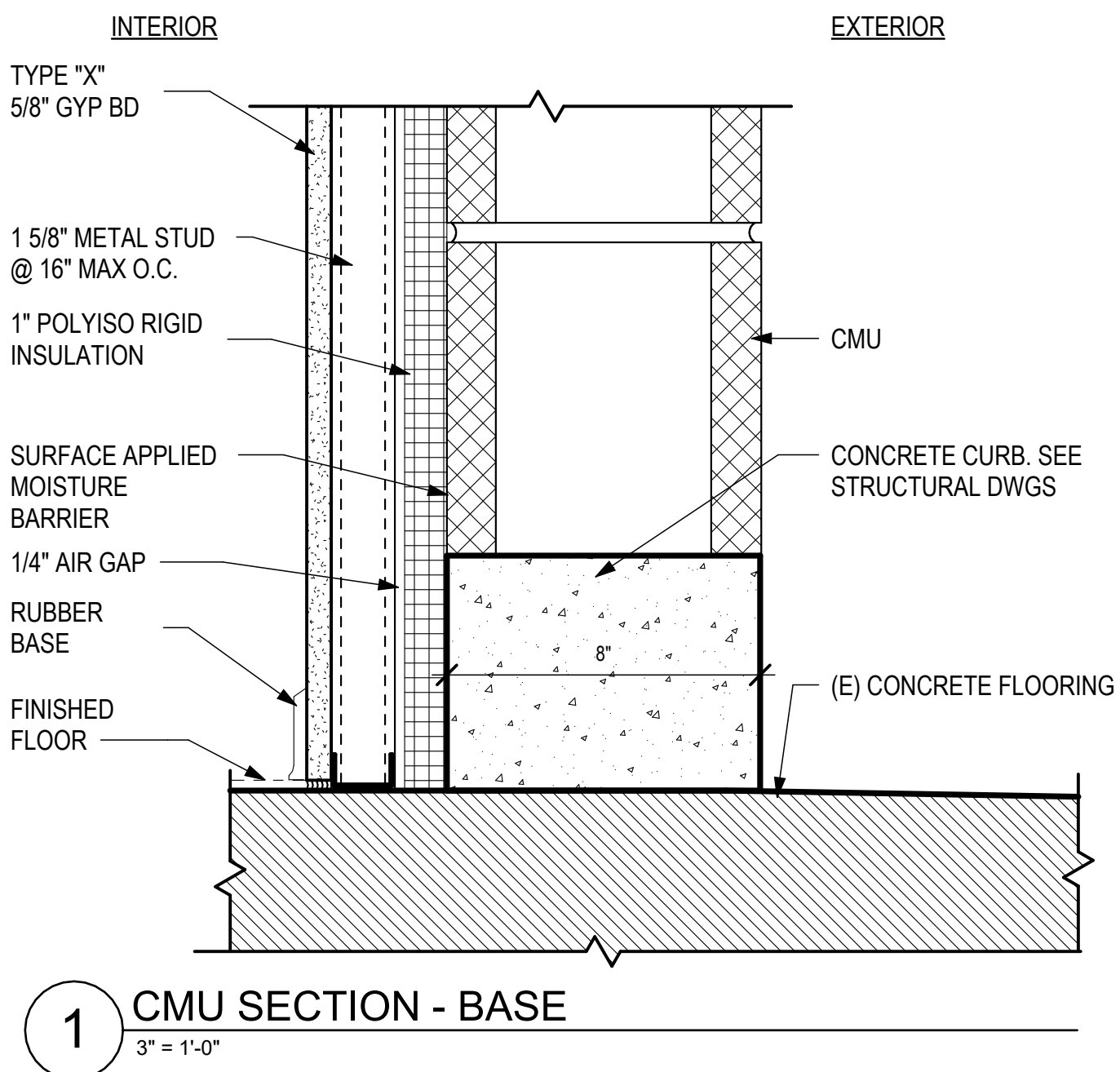
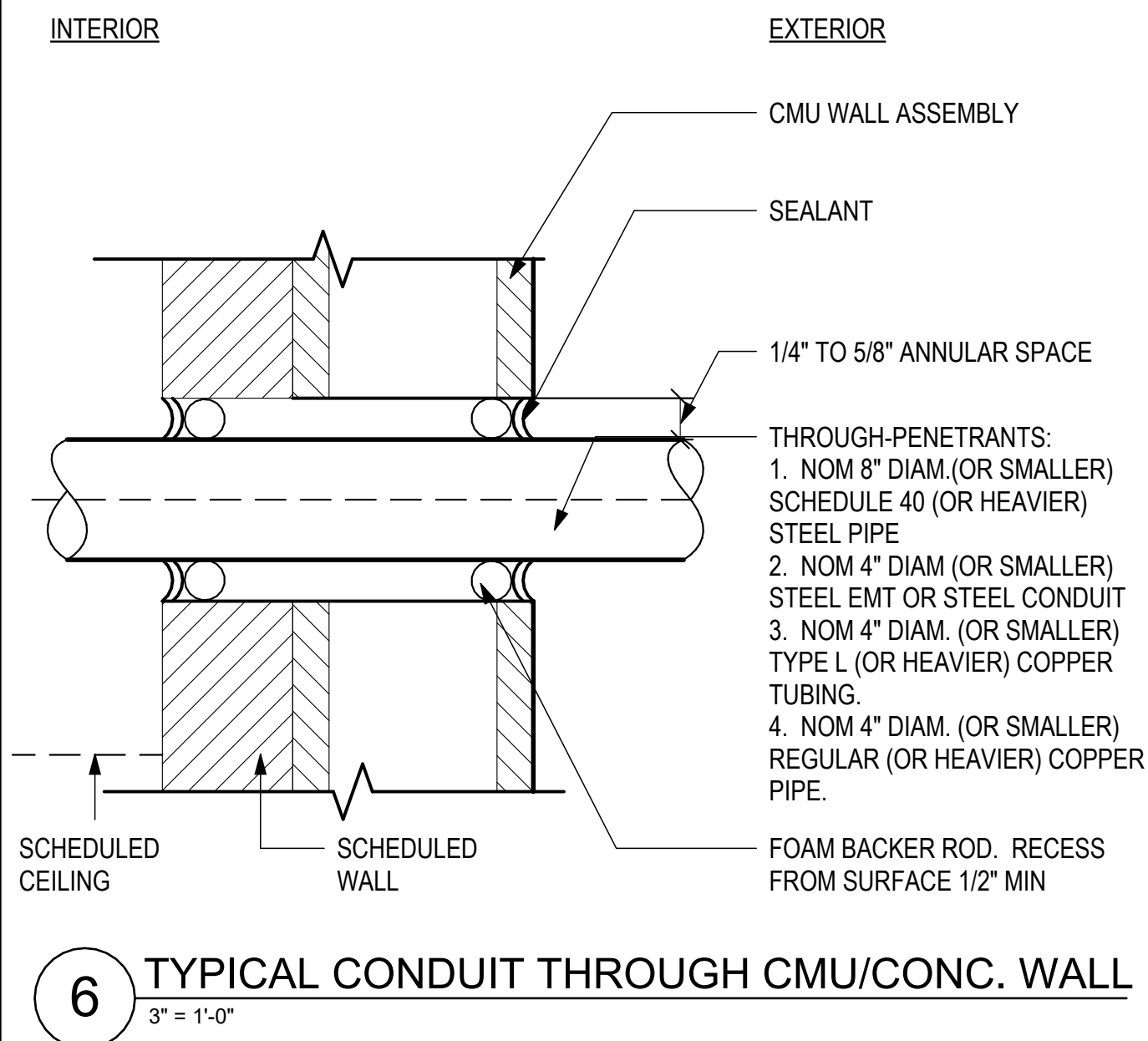
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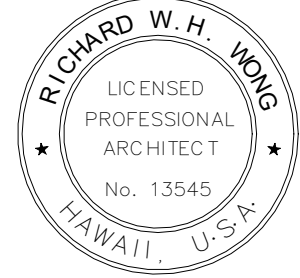
A-821

14 OF 36 SHTS

4/14/2026 9:01:37 AM



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



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04/30/2026
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DSGN.	DRWN.	CHKD.	APPD.
RW	LA	RW	RW

KEY PLAN / NOTES:

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

EXTERIOR DETAILS

DATE:	DWG. NO.
04/15/2026	A-851
SHEET:	
15 OF 36 SHTS	

GENERAL NOTES

- A. SEE ALSO: SPECIFICATIONS, SPECIAL NOTES ON DRAWINGS, AND OTHER CONTRACT DOCUMENTS.
- B. DISCREPANCIES - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AND SHALL REPORT ANY DISCREPANCIES IN WRITING TO ENGINEER OF RECORD BEFORE COMMENCING WORK OR ORDERING MATERIALS.
- C. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE.
- D. DETAILS SHOWN ON THE DRAWINGS SHALL BE TYPICAL FOR ALL SIMILAR CONDITIONS. MODIFY DETAILS FOR SPECIAL CONDITIONS AS DIRECTED BY THE ENGINEER.
- E. SEE ARCHITECTURAL DRAWINGS FOR CHAMFERS, EDGE RADII, DRIPS, REGLETS, FINISHES, AND OTHER NON-STRUCTURAL ITEMS NOT SHOWN OR SPECIFIED ON STRUCTURAL DRAWINGS. ALL DIMENSIONS ARE IN FEET AND INCHES, UNLESS NOTED OTHERWISE.

CONSTRUCTION NOTES

- A. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT LEAST 48 HOURS IN ADVANCE FOR REVIEW AND OBSERVATION OF REINFORCING AND CONCRETE POURS.
- B. CONSTRUCTION LOADING SHALL NOT EXCEED THE DESIGN LIVE LOAD UNLESS SPECIAL SHORING IS PROVIDED. ALLOWABLE LOADS SHALL BE REDUCED IN AREAS WHERE THE STRUCTURE HAS NOT ATTAINED ITS FULL DESIGN STRENGTH.
- C. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, WORKMANSHIP AND JOB SAFETY, INCLUDING FALSEWORK, BRACINGS, MUD SILLS, OTHER TEMPORARY ITEMS USED FOR THE CONSTRUCTION OF THE PROJECT AND PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY REGULATORY AGENCIES

CONCRETE NOTES

- A. ALL STRUCTURAL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS, AND A MAXIMUM WATER/CEMENT RATIO OF 0.50 AND A MAXIMUM AGGREGATE SIZE OF 3/4".
- B. ADMIXTURES MAY BE USED AS CONTRACTORS OPTION, BUT SUBJECT TO ENGINEERS APPROVAL.
- C. THE USE OF ANY CALCIUM CHLORIDE IN ANY CONCRETE IS PROHIBITED.
- D. EPOXY PATCHING MORTAR SHALL BE A 2-COMPONENT, POLYMER-MODIFIED CEMENTITIOUS MORTAR.
- E. POST-INSTALLED ANCHORS: USE WEDGE TYPE EXPANSION ANCHORS.

REINFORCING STEEL NOTES

- A. UNLESS OTHERWISE NOTED ON PLANS, ALL REINFORCING BARS SHALL BE ASTM A615, GRADE 60. WHERE WELDING OF REINFORCING STEEL IS REQUIRED, ASTM A706, GRADE 60 SHALL BE USED.
- B. SPLICES SHALL BE IN ACCORDANCE WITH ACI 318-14. SPLICE LENGTH SHALL NOT BE LESS THAN 48 BAR DIAM. OR 24", WHICHEVER GREATER. STAGGER SPLICES.
- C. MINIMUM CONCRETE CLEAR COVER:
1. CONCRETE POURED AGAINST EARTH ----- 3"

2. CONCRETE POURED AGAINST FORMS
AND LATER EXPOSED TO WEATHER OR GROUND
a. #5 BAR OR SMALLER ----- 1 1/2"
b. #6 BAR OR LARGER ----- 2"

3. CONCRETE NOT EXPOSED TO WEATHER OR GROUND ----- 1 1/2"
- D. BAR BENDS, HOOKS, AND OFFSETS SHALL BE IN ACCORDANCE WITH THE ACI RECOMMENDATIONS.

CONCRETE MASONRY (CMU) NOTES

- A. ALL CONCRETE MASONRY UNITS SHALL BE MODULAR, SIZE AS INDICATED ON THE PLANS AND CONFORMING TO ASTM C90 AND HAVE AN ULTIMATE COMPRESSIVE STRENGTH, f_m = 2,000 PSI.
- B. MORTAR SHALL CONFORM TO ASTM C270, TYPE M, 2,500 PSI.
- C. GROUT SHALL CONFORM TO ASTM C476 WITH A MINIMUM STRENGTH OF 2,000 PSI.
- D. REINFORCEMENT GRADE, BAR BENDS, DETAILS, LAPS, ETC. SHALL BE THE SAME AS FOR CONCRETE.
- E. ALL CELLS SHALL BE SOLIDLY FILLED WITH GROUT.

COLD-FORMED METAL FRAMING NOTES

- A. LIGHT GAUGE, COLD FORMED STEEL MEMBERS SHALL BE MANUFACTURED BY A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA). ALL MEMBERS ARE DESIGNATED PER SSMA STANDARDS.
- B. ALL LIGHT GAGE METAL FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS", AND ASTM A653, GRADE 50.
- C. MEMBERS ARE TO COMPLY WITH ICC EVALUATION REPORT NO. 4943P.
- D. MEMBERS ARE TO BE GALVANIZED IN ACCORDANCE WITH ASTM A525.
- E. SHOP DRAWINGS SUBMITTALS SHALL BE ACCOMPANIED BY MANUFACTURER'S PRODUCT INFORMATION AND OTHER DATA NEEDED TO VERIFY COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
- F. UNLESS OTHERWISE NOTED, ALL LIGHT-GAGE METAL FRAMING SHALL CONFORM WITH THE FOLLOWING:
1. GALVANIZED TRACK, END CLOSURES, ASTM A653, GRADE 50, G90 COATING BRIDGING AND ACCESSORIES
- G. LIGHT-GAGE FRAMING SHALL BE THE SIZE AND GAUGE INDICATED ON THE DRAWINGS.
- H. ALL SHEET METAL SCREWS SHALL PROTRUDE A MINIMUM OF 1/4" THRU METAL FRAMING.
- I. SPLICES IN FRAMING MEMBERS SHALL NOT BE PERMITTED.
- J. PROVIDE END BLOCKING AT ALL JOIST ENDS.
- K. PROVIDE FULL HEIGHT, SQUARE CUT, FULL CONTACT BEARING WEB STIFFENERS, OF THE SAME THICKNESS AND DEPTH AS THE FRAMING MEMBER AT EACH SUPPORT.
- L. ACCESSORIES: PROVIDE ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO TRACKS, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES, RESILIENT CLIPS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER FOR THE STEEL MEMBERS USED.

STRUCTURAL STEEL NOTES

- A. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL MEMBERS SHALL CONFORM TO THE FOLLOWING:
1. CHANNELS, ANGLES, PLATES - ASTM A36, GRADE 36, (FY = 36 KSI)

2. HOLLOW STRUCTURAL SECTIONS (HSS) = ASTM A500, GRADE B (FY=42 KSI)

3. ANCHOR BOLTS - ASTM F1554, GRADE 36, HOT DIP GALVANIZED PER ASTM F2329

4. WELDING ELECTRODES - E70XX
- B. ALL WELDING - WHETHER SHOP OR FIELD - SHALL BE DONE BY CERTIFIED WELDERS ONLY.
- C. UNLESS SHOWN OTHERWISE, ALL STEEL EXPOSED TO EXTERIOR OR WET CONDITION SHALL BE HOT-DIPPED GALVANIZED.
- D. PLATE INSERTS EMBEDDED IN CONCRETE SHALL HAVE THE ANCHORS (BARS OR RODS) FULLY WELDED TO DEVELOP THE FULL STRENGTH OF THE ANCHORS.
- E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO FABRICATION OR PREPARATION OF SHOP DRAWINGS OF ALL STRUCTURAL STEEL WORKS FOR REVIEW AND COMMENT PRIOR TO FABRICATION.

DESIGN DATA

- A. SEISMIC LOADS:
1. RISK CATEGORY-----III

1. SEISMIC IMPORTANCE FACTOR-----1.25

2. SEISMIC SITE CLASS-----B

3. S_s -----1.001g

4. S_r -----0.255g

5. S_{ps} -----0.601g

6. S_{p1} -----0.136g
- B. WIND LOADS:
1. RISK CATEGORY-----III

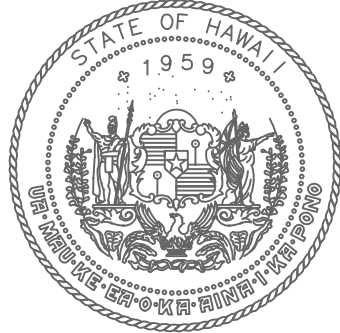
2. ULTIMATE WIND SPEED (V_{ult})-----133 MPH

3. TOPOGRAPHIC FACTOR, K_{zt} -----1.0

4. WIND EXPOSURE-----C
- C. FOUNDATION:
1. ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

2. PASSIVE EARTH PRESSURE = 300 PCF

3. COEFFICIENT OF FRICTION = 0.40



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

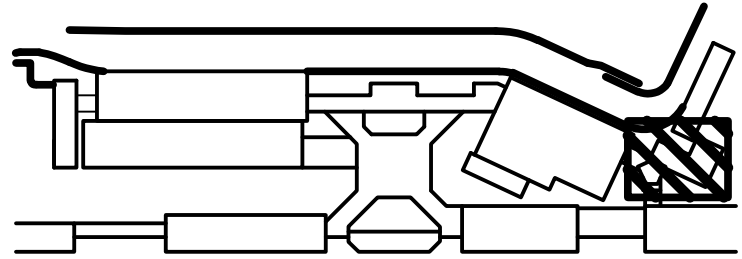


Kathleen Y. Wong
04/01/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

STRUCTURAL
GENERAL NOTES

DATE :	DWG. NO.
04/15/2026	S-001
SHEET :	
16 OF 36 SHTS	



CONDITION BETWEEN EXIST. PRECAST TEES



CONDITION AT EXIST. WALL OR COL.



LINTEL BEAM REINFORCING SCHEDULE			
OPENING WIDTH	LINTEL DEPTH	REINF.	STIRRUP
4'-0"	16"	2-#4 TOP & BOTTOM	#3 AT 8" O.C.
8'-0"	24"	2-#6 TOP & BOT.	#3 AT 8" O.C.
12'-0"	32"	2-#6 TOP & BOT.	#4 AT 8" O.C.
NOTE: ALTERNATE POSITION OF STIRRUP HOOKS			

NOTE: ALTERNATE POSITION OF STIRRUP HOOKS

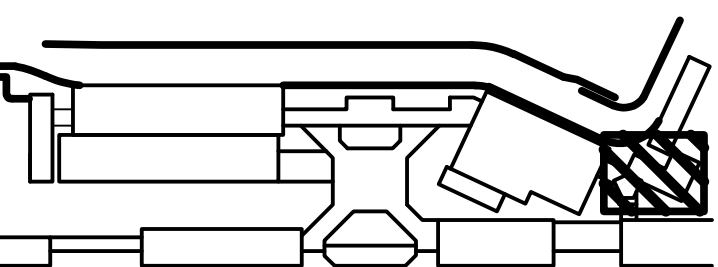


APPLIES TO PENETRATIONS BETWEEN 8" AND 2'-0".
NO ADDITIONAL REINFORCEMENT NEEDED FOR
PENETRATIONS LESS THAN 8".

CASE II

APPLIES TO OPENINGS IN BEARING WALLS
AND EXTERIOR WALLS WHICH EXCEEDS 2'-0"
BUT NOT OVER 4'-0" IN ANY DIRECTION.

CONDITION AT WALL OPENING



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

**CONSTRUCTION
DOCUMENTS**

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

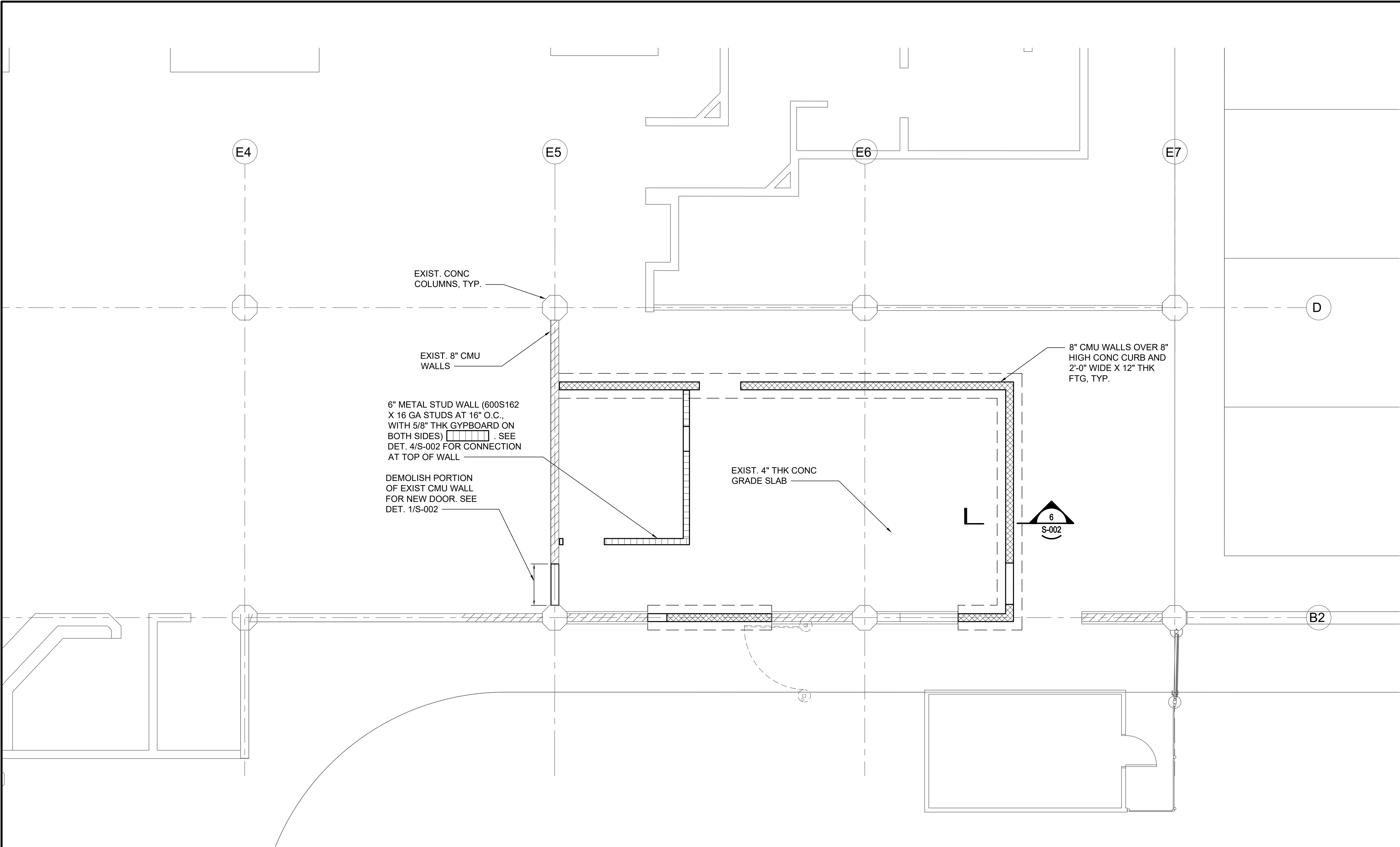
PROJECT NO.:

CM1642-13

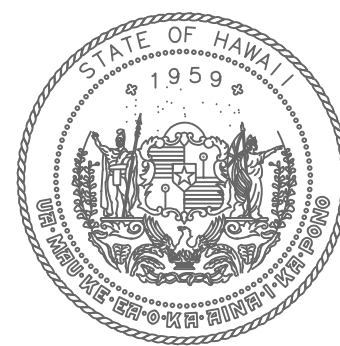
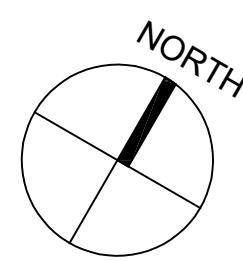
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STRUCTURAL DETAILS

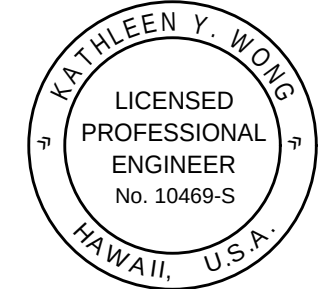
DATE :	DWG. NO.
04/15/2026	S-002
SHEET :	
17 OF 36 SHTS	



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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

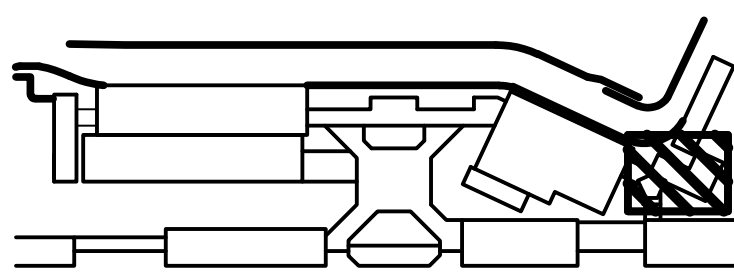


Kathleen Wong
04/01/2026
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KEY PLAN / NOTES:



NO.	DATE	REVISIONS
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CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
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PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

FLOOR PLAN -
GROUND LEVEL

DATE:	DWG. NO.
04/15/2026	S-101
SHEET:	
18 OF 36 SHTS	

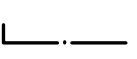
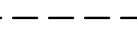
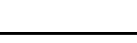
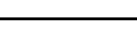
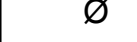
GENERAL MECHANICAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE JOB SITE TO VERIFY ALL EXISTING FIELD CONDITIONS, DIMENSIONS AND OBSTRUCTIONS. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES PRESENT BEFORE DEMOLITION OF ANY SORT. THE CONTRACTOR SHALL TONE OR TRACE ACTUAL LOCATIONS OF ALL ELECTRICAL CONDUIT AND OTHER UTILITIES. THE CONTRACTOR SHALL ADJUST PIPING LAYOUT TO PROPERLY CONNECT NEW PIPING TO THE EXISTING PIPING. SHOULD ANY UTILITIES BE DAMAGED IN THE PROCESS OF DEMOLITION, THE CONTRACTOR SHALL REPAIR THE UTILITIES AT NO ADDITIONAL COST. 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. REFER TO THE SPECIFICATIONS DIVISION 13 FOR THE PROPER REMOVAL AND ABATEMENT OF ALL EXISTING LEAD CONTAINING MATERIALS.
2. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, RULES AND REGULATIONS; AND ALL APPLICABLE CODES IN EFFECT; IBC, UMC, UPC, UFC, NFPA, OSHA AND THE STATE OF HAWAII DEPARTMENT OF HEALTH. ALL PLUMBING FIXTURES SHALL CONFORM TO UPC CHAPTER 6.
3. 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.
4. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE WORK OF ALL OTHER TRADES. SHOULD ANY DISCREPANCIES BE DISCOVERED IN THE BID DOCUMENTS (ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL) THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER 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.
5. ALL EQUIPMENT, DUCTWORK, PIPING ETC. SHALL BE SUPPORTED FROM THE BUILDING'S STRUCTURAL FRAME AND MEMBERS. ALL DUCT SIZES ARE NET DIMENSIONS AND DO NOT INCLUDE ANY INSULATION, SUPPORT OR REINFORCEMENT DIMENSIONS. ALL WORK SHALL BE NEW UNLESS OTHERWISE NOTED AS EXISTING. PAINT ALL EXPOSED DUCTWORK IN FINISHED AREAS TO MATCH THE ADJACENT SURFACES OR OTHERWISE AS INSTRUCTED AS EQUAL AND ACCEPTABLE TO THE CONTRACTING OFFICER. 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.
6. 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 AIR CONDITIONING SYSTEMS SHALL BE COMPLETED BY A THIRD PARTY INDEPENDENT NEBB OR AABC CERTIFIED CONTRACTOR.
7. ALL PIPE, DUCT, CONDUIT, ETC PENETRATIONS THRU ASSEMBLIES (LISTED IN IBC 2012 SEC. 712.4) AND FIRE RESISTANCE RATED WALL ASSEMBLIES (LISTED IN IBC 2012 SEC. 712.3) SHALL BE PROTECTED BY METHODS DESCRIBED IN IBC 2017 SEC. 712. PENETRATIONS SHALL NOT BE MADE WHERE PROHIBITED BY THE BUILDING CODE.
8. PROVIDE WIRE MOLDING 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.
9. PROVIDE IDENTIFICATION FOR ALL PIPING BY MEANS OF COLORED, WATERPROOF, ALL TEMPERATURE, SELF ADHERING LABEL AND DIRECTIONAL ARROWS OR BY PAINTING USING CONTRACTING COLORS, 3/4" MINIMUM HEIGHT STENCIL LETTERING.

COMMISSIONING:

1. THE CONTRACTOR SHALL COORDINATE WITH THE STATE AND FACILITY TO PROVIDE TRAINING / INSTRUCTION ON THE OPERATION OF THE AIR CONDITIONING SYSTEM.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO START UP THE EQUIPMENT ASSOCIATED WITH THIS PROJECT IN THE PRESENCE OF THE STATE TO ENSURE ALL SYSTEMS OPERATE SATISFACTORILY.
3. THE CONTRACTOR SHALL TEST ALL INTERLOCKS AND THE CONTROL SEQUENCING OF THE AIR CONDITIONING SYSTEM.
4. THE CONTRACTOR SHALL SUBMIT A FORMAL REPORT TO INCLUDE THE START-UP CHECKLIST AND INITIALED TO INDICATE THAT THE START-UP WAS WITNESSED BY THE STATE.
5. THE CONTRACTOR SHALL SUBMIT A FORMAL TEST AND BALANCE REPORT OF THE AIR CONDITIONING SYSTEM TO BE REVIEWED BY THE STATE.

LEGEND & ABBREVIATIONS

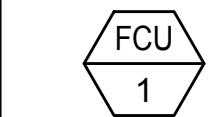
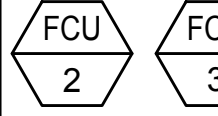
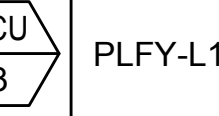
SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	ABV	ABOVE		ELEC	ELECTRICAL		T'STAT	THERMOSTAT
	ACCU	AIR COOLED CONDENSING UNIT		EXT	EXTERIOR		TYP	TYPICAL
	AFF	ABOVE FINISHED FLOOR		EXIST	EXISTING		VD	VOLUME DAMPER
	ARCH	ARCHITECT		FCU	FAN COIL UNIT			
	BLDG	BUILDING		FLR	FLOOR			NEW EQUIPMENT AND WORK
	CD	CEILING DIFFUSER / CONDENSATE DRAIN		GALV	GALVANIZED			EXIST EQUIPMENT AND PIPES TO REMOVE
	CLG	CEILING		MECH	MECHANICAL			EXIST EQUIPMENT AND PIPES TO REMAIN
	CO	CLEANOUT		MTD	MOUNTED		RS	REFRIGERANT SUCTION PIPE
	CONC	CONCRETE		OA	OUTSIDE AIR		RL	REFRIGERANT LIQUID PIPE
	CONN	CONNECT / CONNECTION		RA	RETURN AIR		CD	CONDENSATE DRAIN
	CONT	CONTINUATION		SA	SUPPLY AIR			
	COORD	COORDINATE		SHT	SHEET			
	DEMO	DEMOLITION		SS	STAINLESS STEEL			
	DIA	DIAMETER		STRUCT	STRUCTURAL			
	DN	DOWN						
	DWG	DRAWING						

MECHANICAL EQUIPMENT SCHEDULE:

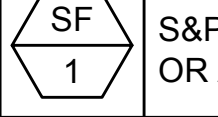
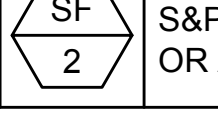
AIR COOLED CONDENSING UNITS: THE DX SPLIT SYSTEM DESIGN (INCLUDING BUT NOT LIMITED TO THE FAN COIL UNITS AND AIR COOLED CONDENSING UNITS, ETC.) IS BASED ON MITSUBISHI EQUIPMENT RATINGS. THE CONTRACTOR SHALL COORDINATE ACTUAL ELECTRICAL REQUIREMENTS WITH ELEC DRAWINGS. COORDINATE ACTUAL POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS AND EQUIPMENT SIZE WITH STRUCTURAL DRAWINGS. PROVIDE CORROSION PROTECTION COATING ON MICROPROCESSOR BOARDS FOR VERMIN PROTECTION. REFER TO MANUFACTURER'S REQUIREMENTS FOR PROPER PIPE SIZING AND REFRIGERANT CHARGE.

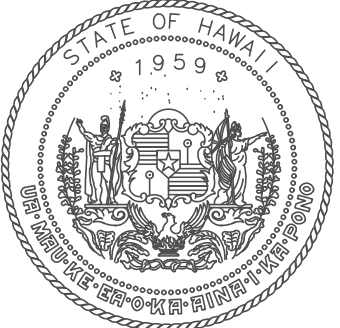
NO.	MITSUBISHI MODEL:	AREA(S) SERVED	CAPACITY (BTUH)	AMBIENT AIR	COND FAN	COMP	ELECTRICAL POWER								MIN EER	REMARKS
					KW	KW	KW	A	V	PH	HZ	MCA	MCOF	FUSE		
ACCU 1	MXZ-SM36NL	.	36,000	95 °F DB	0.070 0.070	2.7	2.55	*	208	1	60	36	64	40	14.1	

FAN COIL UNITS: THE DX SPLIT SYSTEM DESIGN (INCLUDING BUT NOT LIMITED TO THE FAN COIL UNITS AND AIR COOLED CONDENSING UNITS, ETC.) IS BASED ON MITSUBISHI EQUIPMENT RATINGS. COORDINATE ACTUAL POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS AND EQUIPMENT SIZE WITH STRUCTURAL DRAWINGS. PROVIDE CORROSION PROTECTION COATING ON MICROPROCESSOR BOARDS FOR VERMIN PROTECTION. REFER TO MANUFACTURER'S REQUIREMENTS FOR PROPER PIPE SIZING AND REFRIGERANT CHARGE. PROVIDE INTEGRAL CONDENSATE PUMP ON ALL FCU'S.

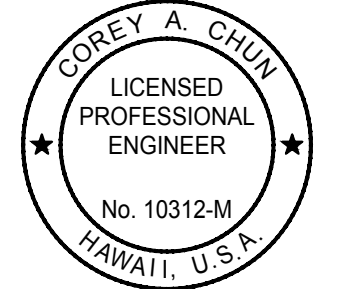
MARK	MITSUBISHI MODEL:	AREA SERVED	TYPE	CAPACITY TOTAL(BTUH)	SUPPLY AIR CFM	OUTSIDE AIR CFM	ELECTRICAL REQUIREMENTS							REMARKS
							KW	A	MCA	MCOF	V	PH	HZ	
	PMFY-M06NCMU-A	OFFICE	CEILING CASSETTE	6,000	152/166 184/198	30	0.03	-	1.0	1	208	1	60	PROVIDE T'STAT MA INTERLOCK WITH SF-1
 	PLFY-L12NFMU-E	TRAINING ROOM	CEILING CASSETTE	12,000	230/280 /335	50	0.96	-	14.0	23	208	1	60	PROVIDE T'STAT MA INTERLOCK BOTH FCU TO T'STAT INTERLOCK WITH SF-2

SUPPLY FAN: INTERLOCK WITH RESPECTIVE FCU CONTACT TO ONLY OPERATE WHEN RESPECTIVE FCU IS OPERATING.

MARK	MODEL NO.	CFM	TSP (IN. WG)	SONES	ELECTRICAL REQUIREMENTS					REMARKS
					W	AMPS	V	PH	HZ	
	S&P RF8-120AC OR APPROVED EQUAL	30	0.2"	-	37.4	0.48	115	1	60	INTERLOCK WITH FCU 1 PROVIDE WITH MERV 13 FILTER
	S&P RF8-120AC OR APPROVED EQUAL	100	0.3"	-	73.3	0.63	115	1	60	INTERLOCK WITH FCU 2&3 PROVIDE WITH MERV 13 FILTER



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

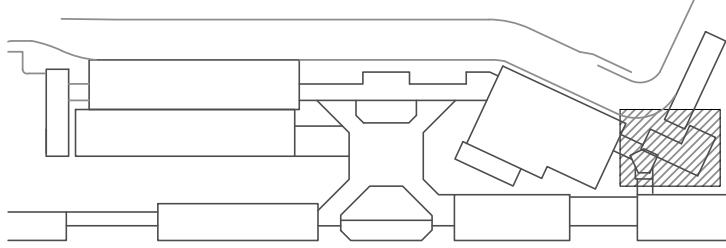


Corey A. Chun
04/30/2026
Licensed Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
CC	CC	CC	CC

KEY PLAN / NOTES:



NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

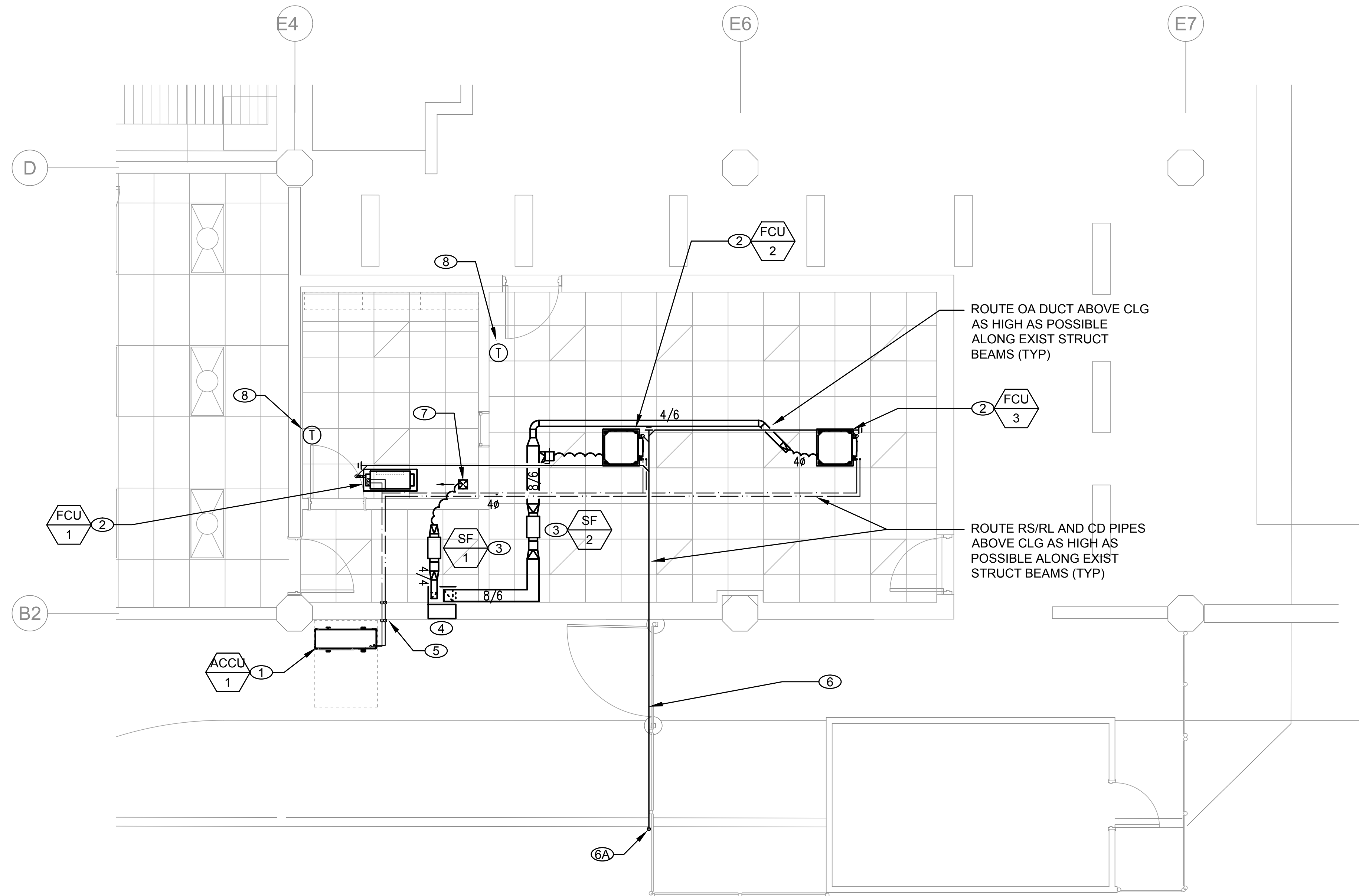
PROJECT NO.:

CM1642-13

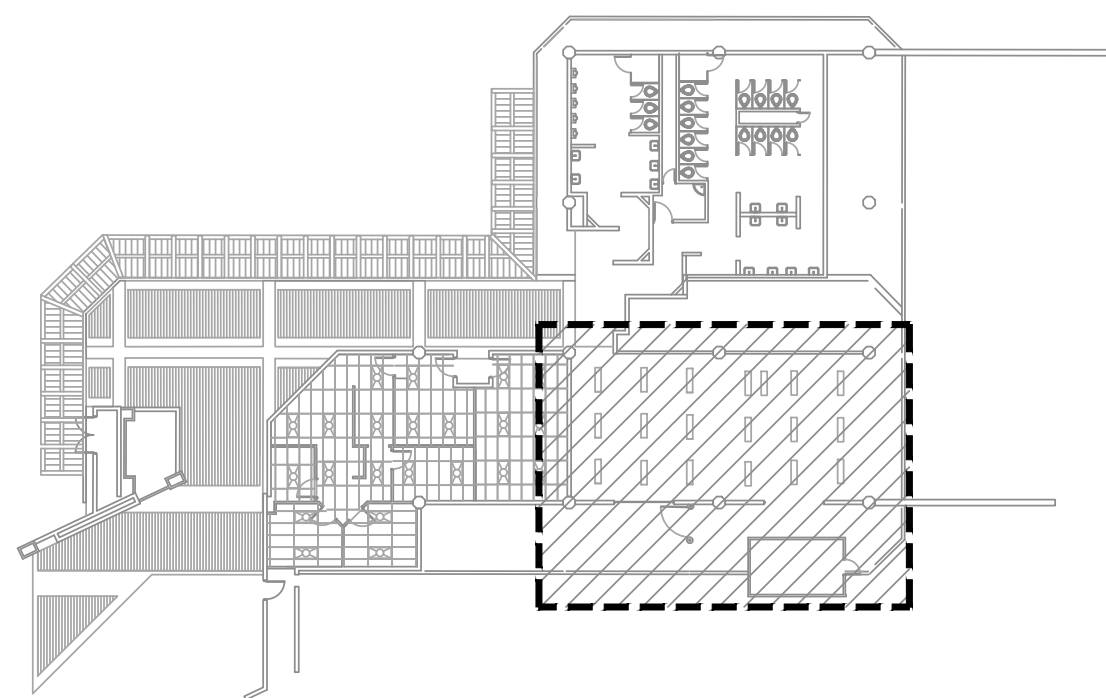
SHEET TITLE:

GENERAL
MECHANICAL
NOTES, LEGEND &
ABBREVIATIONS

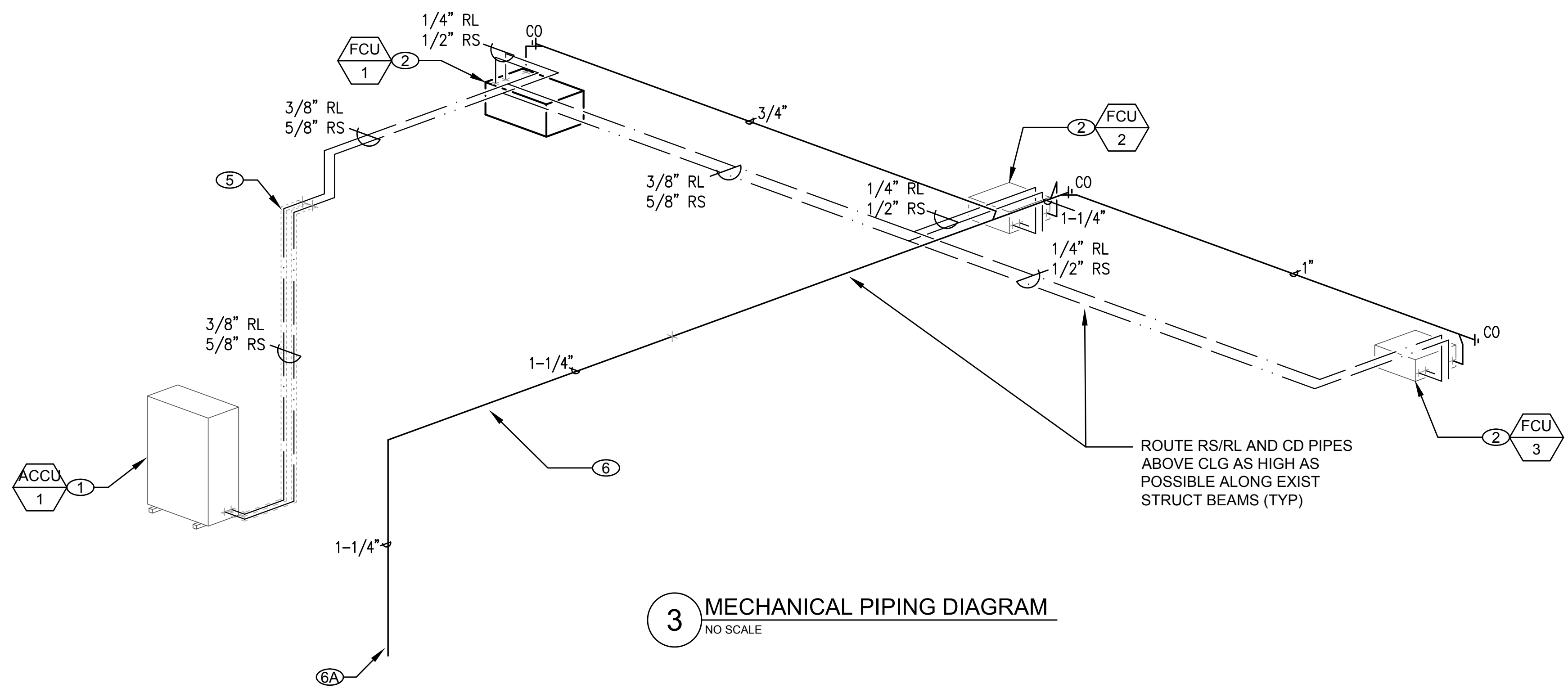
DATE :	DWG. NO.
04/15/2026	M-001
SHEET :	
19 OF 36 SHTS	



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

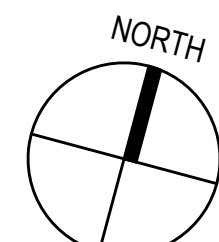


2 BUILDING KEY PLAN
NOT TO SCALE



3 MECHANICAL PIPING DIAGRAM
NO SCALE

(1/4" = 1'-0") 4 2 0 4 8

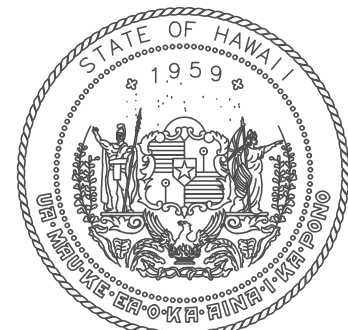


MECHANICAL WORK NOTES:

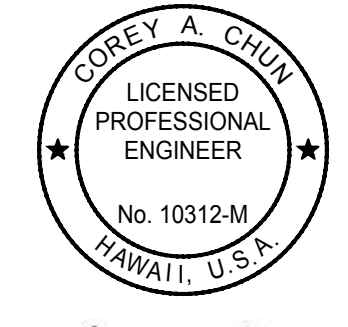
COORD INSTALLATION OF ALL MECHANICAL WORK WITH ARCH, STRUCT AND ELEC DWGS. COORD DUCT AND EQUIPMENT INSTALLATION WITH ARCH DWGS AND CLG HEIGHTS. COORD THE EQUIPMENT INSTALLATION WITH ELEC DWGS.

MOUNT ALL EQUIPMENT AND ROUTE ALL DUCTS AND PIPING SUPPORTED FROM THE EXIST BLDG STRUCT AS HIGH AS POSSIBLE. COORD ALL DUCT AND PIPE ROUTING WITH ALL WORK (EXIST AND NEW), INCLUDING, BUT NOT LIMITED TO ELECTRICAL AND DATA CONDUITS AND STRUCTURAL OBSTACLES. ADJUST ROUTING ACCORDINGLY. FLEX DUCT SHALL HAVE A MAXIMUM LENGTH OF 5'-0". PROVIDE A 1/4" PER SLOPE ON ALL CD PIPING. COORD ALL DUCT AND PIPE PENETRATIONS WITH ARCH AND STRUCT DWGS AND DETAILS.

- 1 PROVIDE ACCU FLR MTD ANCHORED TO CONC PAD WITH NEOPRENE PADS AT EXIST GRADE. PROVIDE ALL ASSOCIATED SUPPORTS AND ACCESSORIES. REFER TO THE EQUIPMENT SCHEDULE ON M-001 FOR MAKE AND MODEL. CONNECT TO RESPECTIVE FCU AND MAIN CONTROLLER.
- 2 PROVIDE DUCTLESS FCU CLG MTD. PROVIDE ALL ASSOCIATED SUPPORTS AND ACCESSORIES. REFER TO THE EQUIPMENT SCHEDULE ON M-001 FOR MAKE AND MODEL. CONNECT TO RESPECTIVE T'STAT AND MAIN CONTROLLER.
- 3 PROVIDE OA SF HUNG FROM ROOF STRUCTURE ABOVE CLG. PROVIDE ALL ASSOCIATED SUPPORTS AND ACCESSORIES. REFER TO THE EQUIPMENT SCHEDULE ON M-001 FOR MAKE AND MODEL. INTERLOCK OPERATION WITH RESPECTIVE FCU.
- 4 CONN OA PLENUM TO LOUVER. REFER TO ARCH DWGS FOR LOUVER DETAILS. COORD PLENUM WITH ARCH DWGS, DETAILS AND LOUVER SIZE. SLOPE PLENUM TOWARDS LOUVER.
- 5 RS/RL PIPES UP ALONG AND THRU THE EXT WALL APPROX 9'-0" AFF. COORD WALL PENETRATION WITH STRUCT DWGS AND DETAILS.
- 6 ROUTE CD PIPE HUNG FROM THE EXIST EAVE.
- 6A ROUTE CD PIPE DN ALONG EXIST CHAIN LINK FENCE AND TERMINATE 3" ABOVE EXIST ASPHALT DRIVEWAY.
- 7 PROVIDE 6x6x6 OA CD AT CLG. COORD INSTALLATION WITH ARCH DWGS AND CLG DETAILS.
- 8 PROVIDE T'STAT WALL MTD 48" AFF TO THE TOP OF SWITCH.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

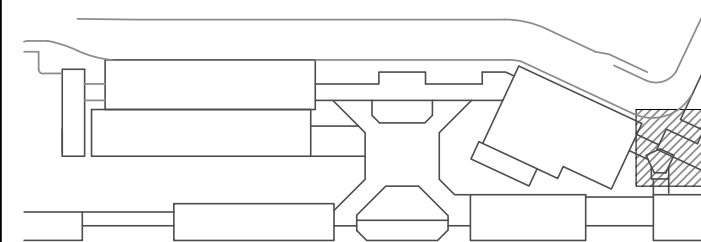


04/30/2026
Licensed Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
CC	CC	CC	CC

KEY PLAN / NOTES:



NO. DATE REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

MECHANICAL
FLOOR PLAN -
MECHANICAL PIPING
DIAGRAM

DATE:

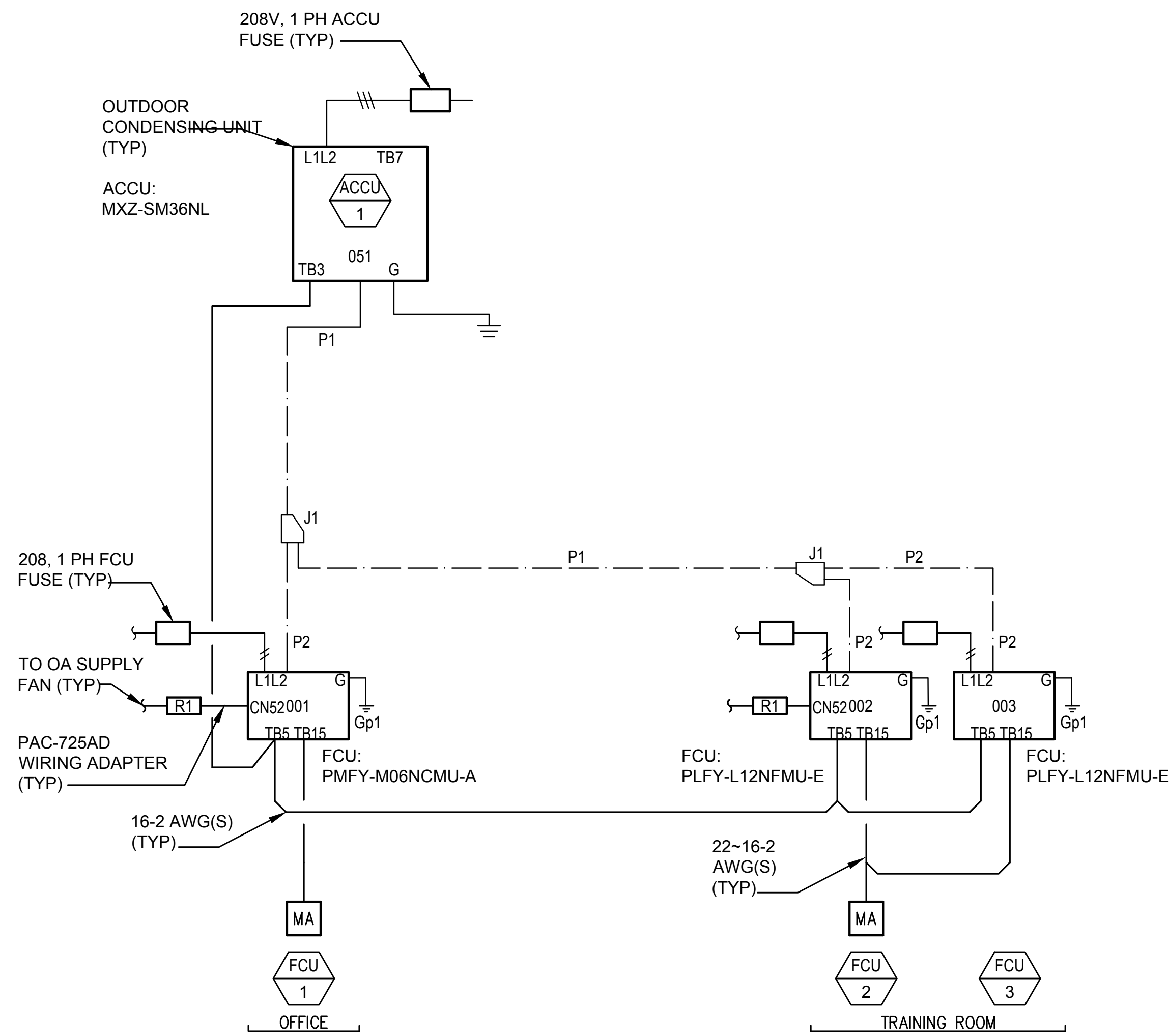
04/15/2026

SHEET:

20 OF 36 SHTS

DWG. NO.

M-101



1
NO SCALE

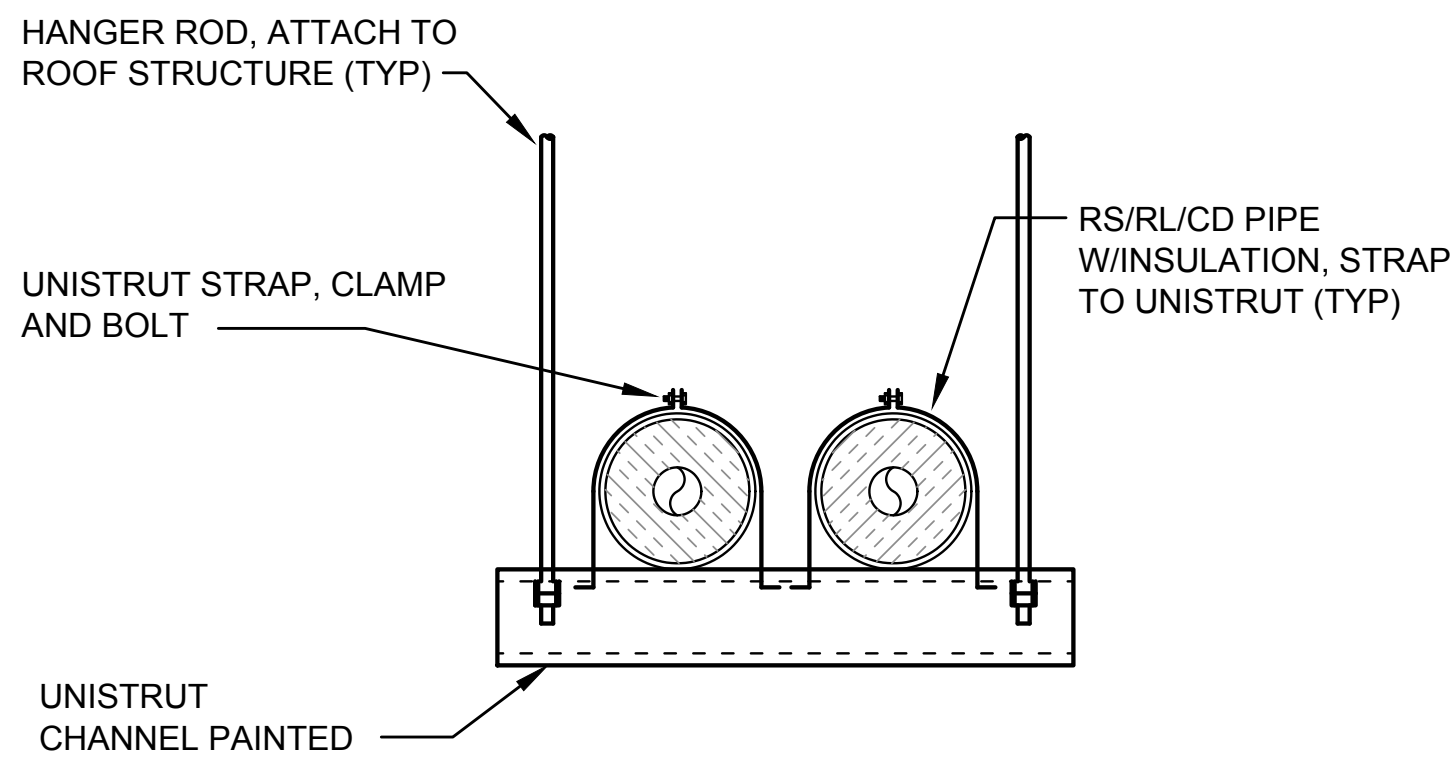
DX SPLIT SYSTEM PIPE
AND WIRING SCHEMATIC

- MECHANICAL NOTES:**
- THIS DRAWING IS SCHEMATIC IN NATURE. FINAL ROUTING OF PIPING & WIRING SHALL BE DETERMINED BY THE INSTALLING CONTRACTOR.
 - ADDITIONAL REFRIGERANT CHARGE IS NEEDED DEPENDING ON THE SIZE AND LENGTH OF EXTENDED PIPING. COORDINATE WITH THE MANUFACTURER THE AMOUNT OF PRE-CHARGE AND THE FORMULA OF CALCULATION.
 - THE SPLIT SYSTEMS SHALL OPERATE ON SCHEDULE AS PROGRAMMED BY THE INDIVIDUAL THERMOSTAT CONTROLLER. A BYPASS TIMER FUNCTION SHALL BE PROVIDED FOR EACH RESPECTIVE SPIT SYSTEM ACCESSIBLE THRU THE RESPECTIVE THERMOSTAT CONTROLLER.
 - THE FAN COIL UNITS FCU-2 AND FCU-3 SHALL BE GROUPED TOGETHER TO OPERATE SIMULTANEOUSLY THRU A SINGLE THERMOSTAT CONTROLLER.
 - THE PROGRAM THE T'STAT CONTROLLERS TO PROVIDE OCCUPANCY SENSING USING THE RESPECTIVE FCU ISEE SENSORS. WHEN OCCUPIED THE SYSTEM SHALL MAINTAIN THE MAIN SET POINT TEMPERATURE ON THE RESPECTIVE T'STAT CONTROLLER. WHEN UNOCCUPIED THE SETPOINT TEMPERATURE SHALL ADJUST TO 80°Fdb.
 - PROVIDE A CONTACT RELAY TO FCU-1 AND FCU-2 TO CONNECT THE OUTSIDE SUPPLY AIR FAN TO THE RESPECTIVE SYSTEM. THE OUTSIDE AIR FAN SHALL BE IN OPERATION AT ALL TIMES THE RESPECTIVE SYSTEM IS IN OPERATION.
 - THE SPLIT SYSTEMS SHALL OPERATE INDEPENDENTLY; ADJUSTING THE EVAPORATOR FAN AND CONDENSING UNIT OPERATION TO ACHIEVE THE MOST EFFICIENT PERFORMANCE TO MAINTAIN THE TEMPERATURE SETTING AS SET BY THE RESPECTIVE THERMOSTAT CONTROLLERS.

PIPING LIST		
SYMBOL	LIQUID PIPE	GAS PIPE SIZE
P1	3/8"	5/8"
P2	1/4"	1/2"
SYMBOL MODEL NUMBER		
J1	CMY-Y62-G-E	
MA	PAR-40MAAU	
R1	CN24RELAY-KIT-CM3	

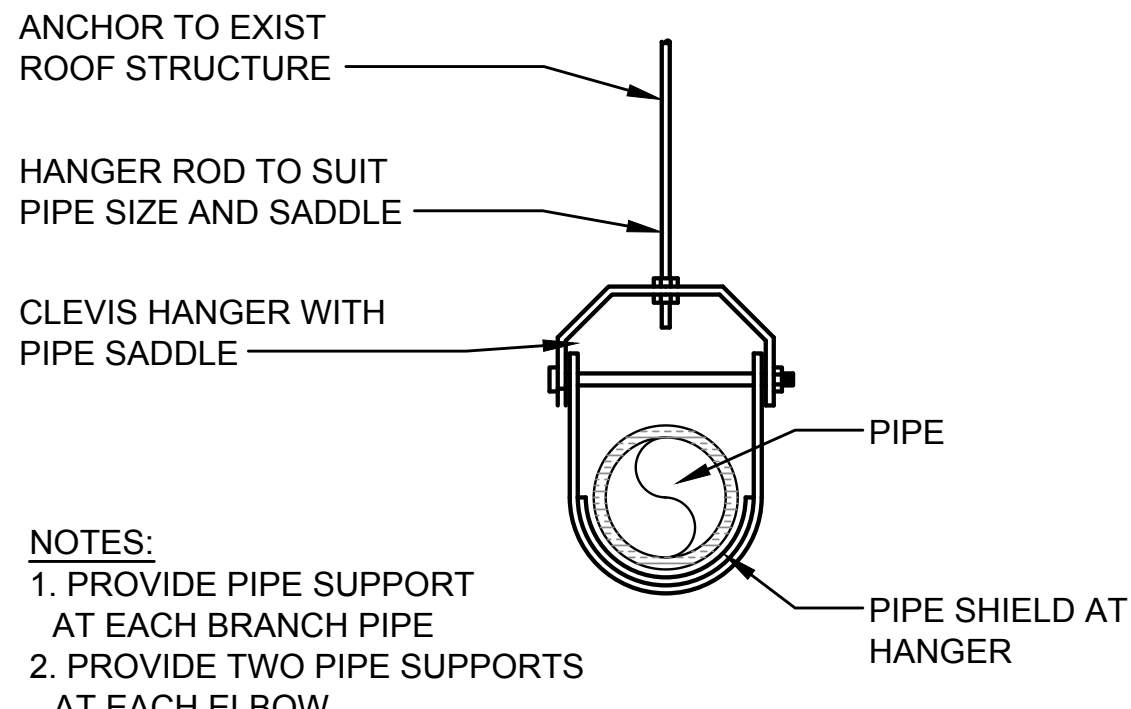
SCHEMATIC SYMBOL LEGEND	
DISPLAY	DESCRIPTION
	POWER WIRE
	CONTROL WIRE
	REF. PIPE

NOTE: VERIFY ALL PIPE DISTANCES AND SIZES WITH MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS



2
NOT TO SCALE

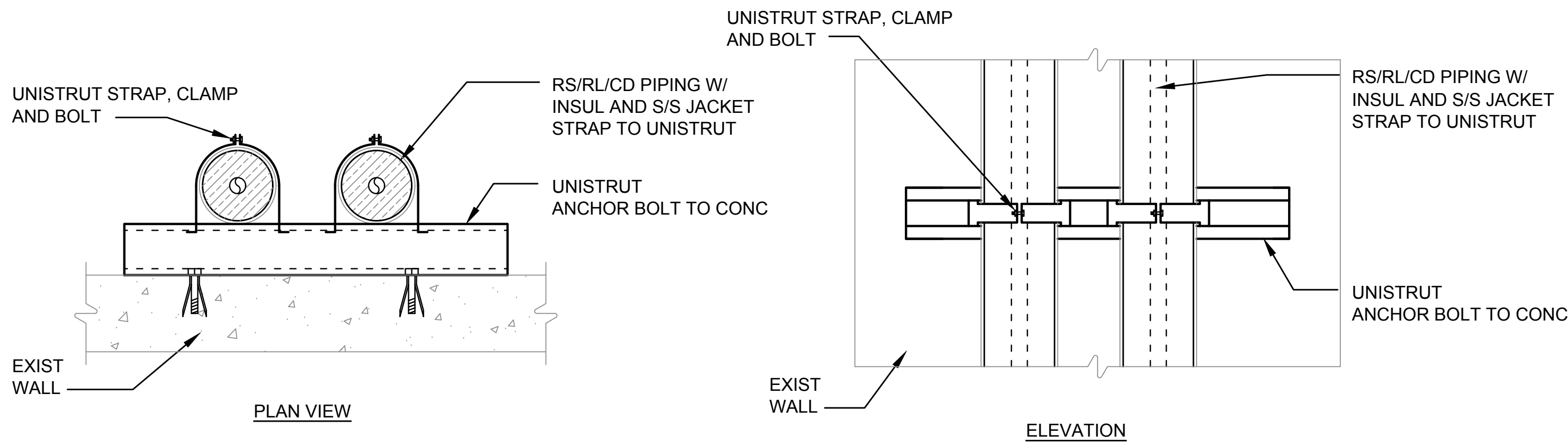
PIPE HANGER DETAIL



- NOTES:**
- PROVIDE PIPE SUPPORT AT EACH BRANCH PIPE
 - PROVIDE TWO PIPE SUPPORTS AT EACH ELBOW.

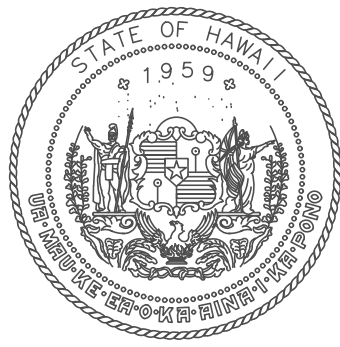
3
NOT TO SCALE

PIPE HANGER DETAIL

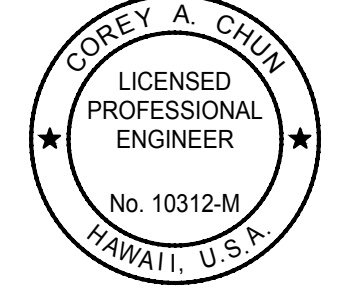


4
NOT TO SCALE

PIPE WALL SUPPORT DETAIL



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

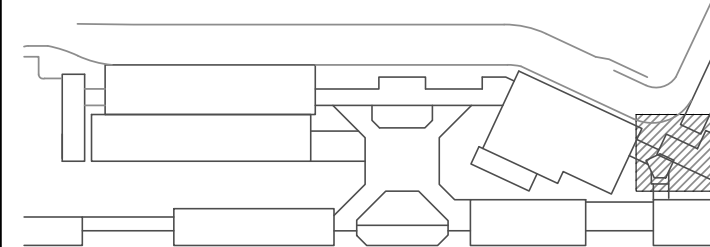


Corey A. Chun
LICENSED PROFESSIONAL ENGINEER
No. 10312-M
HAWAII, U.S.A.
04/30/2026
License Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
CC	CC	CC	CC

KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

DX SPLIT SYSTEM
PIPE AND WIRING
SCHEMATIC
MECHANICAL
DETAILS

DATE:	DWG. NO.
04/15/2026	M-201
SHEET:	
21 OF 36 SHTS	

GENERAL FIRE PROTECTION NOTES:

1. THE CONTRACTOR SHALL VISIT THE JOB SITE TO VERIFY ALL EXISTING FIELD CONDITIONS, DIMENSIONS AND OBSTRUCTIONS. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES PRESENT BEFORE DEMOLITION OF ANY SORT. THE CONTRACTOR SHALL TONE OR TRACE ACTUAL LOCATIONS OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL ADJUST WORK LAYOUT TO PROPERLY CONNECT NEW WORK TO THE EXISTING WORK. SHOULD ANY UTILITIES BE DAMAGED IN THE PROCESS OF DEMOLITION, THE CONTRACTOR SHALL REPAIR THE UTILITIES AT NO ADDITIONAL COST. 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. REFER TO THE SPECIFICATIONS DIVISION 13 FOR THE PROPER REMOVAL AND ABATEMENT OF ALL EXISTING LEAD CONTAINING MATERIALS.
2. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, RULES AND REGULATIONS; AND ALL APPLICABLE CODES IN EFFECT; IBC, UMC, UPC, UFC, NFPA, OSHA AND THE STATE OF HAWAII DEPARTMENT OF HEALTH.
3. 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.
4. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE WORK OF ALL OTHER TRADES. SHOULD ANY DISCREPANCIES BE DISCOVERED IN THE BID DOCUMENTS (ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL) THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER 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.
5. ALL EQUIPMENT, DUCTWORK, PIPING ETC. SHALL BE SUPPORTED FROM THE BUILDING'S STRUCTURAL FRAME AND MEMBERS. ALL DUCT SIZES ARE NET DIMENSIONS AND DO NOT INCLUDE ANY INSULATION, SUPPORT OR REINFORCEMENT DIMENSIONS. ALL WORK SHALL BE NEW UNLESS OTHERWISE NOTED AS EXISTING. PAINT ALL EXPOSED EQUIPMENT, DUCTWORK, PIPING ETC. IN FINISHED AREAS TO MATCH THE ADJACENT SURFACES OR OTHERWISE AS INSTRUCTED AS EQUAL AND ACCEPTABLE TO THE ENGINEER. 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.
6. 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.
7. 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.
8. PROVIDE WIRE MOLDING 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.
9. PROVIDE ACCESS PANELS FOR ALL CLEANOUTS, SHUTOFF VALVES, ETC. 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.
10. CAP ALL PIPE ENDS AND OPENINGS UNTIL NEW PIPE OR DUCT IS RECONNECTED. ENSURE THAT ALL CONNECTIONS ARE FREE OF DUST AND DEBRIS PRIOR TO RECONNECTION.
11. PROVIDE SEISMIC BRACING ON ALL EQUIPMENT, DUCTWORK, PIPING, ETC. AS REQUIRED BY THE 2018 INTERNATIONAL BUILDING CODE AND AS DETAILED BY SMACNA STANDARDS.

FIRE PROTECTION NOTES:

THE EXISTING METER (#88159611) IS ADEQUATE TO SERVICE THE AUTOMATIC FIRE SPRINKLER SYSTEM; INCLUSIVE OF THIS PROJECT SCOPE OF WORK.

1. THE NET RESULT OF THE WORK DONE TO THE AUTOMATIC FIRE SPRINKLER SYSTEM IS A DECREASE OF THIRTY-EIGHT (38) SPRINKLER HEADS. AS THE SPRINKLER OCCUPANCY CLASSIFICATION AND SPRINKLER DESIGN DENSITY HAVE NOT CHANGED, THE WORK HAS NOT CHANGED THE SPRINKLER FLOW REQUIREMENTS FOR THIS FACILITY.
2. PROVIDE CONCEALED HEADS AT THE EXISTING CEILING TILE. THE FIRE SPRINKLER SYSTEM AND INSTALLATION OF SYSTEM SHALL COMPLY WITH UFC 1997 EDITION AS AMENDED AND NFPA 13-2022 OR LATEST EDITION.
3. PROVIDE FIRE EXTINGUISHERS THROUGHOUT WORK AREA TO CONFORM TO NFPA 10, REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS. FE-1: 4A-60B:C, 10 LB. DRY CHEM MOUNT FE AT 48" AFF TO CENTERLINE OF FE HANDLE.
4. FIRE SPRINKLER HEAD SYMBOL SCHEDULE:
- CONCEALED HEAD: ○
- UPRIGHT / PENDANT HEAD: ⊙
5. AREA TO BE SPRINKLED SHALL BE:
A) LIGHT HAZARD
B) 640 SQ FT TOTAL AREA
6. TWO (2) SETS OF COMPLETE WORKING PLANS (SHOP DRAWINGS) AND HYDRAULIC CALCULATIONS STAMPED AND SIGNED BY A HAWAII LICENSED MECHANICAL ENGINEER SHALL BE SUBMITTED TO THE FIRE PROTECTION SPECIAL INSPECTOR (FPSI) FOR CODE COMPLIANCE REVIEW. ONE (1) SET WITH THE FPSI APPROVAL STAMP SHALL BE SUBMITTED TO THE BUILDING DIVISION ALONG WITH THE FPSI FINAL REPORT/LETTER PRIOR TO CLOSING OF THE BUILDING PERMIT.
7. FIRE SPRINKLER PIPING SHALL BE BLACK STEEL OR COPPER PIPE AS REQUIRED BY NFPA 13 LATEST EDITION. FIRE SPRINKLER PIPING SHALL BE SIZED BY PIPE SCHEDULE OR HYDRAULIC CALCULATION ACCORDING TO NFPA 13 LATEST EDITION.
8. ALL FIRE SPRINKLER CONTROL VALVES AND WATER FLOW SWITCHES SHALL BE ELECTRICALLY SUPERVISED ON THE ISLAND OF OAHU IN ACCORDANCE WITH BUILDING CODE SECTION 903.4 AS AMENDED. VALVE MONITORING AND WATER-FLOW ALARM AND TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND SHALL BE AUTOMATICALLY TRANSMITTED TO AN APPROVED CENTRAL STATION, REMOTE STATION OR PROPRIETARY MONITORING STATION AS DEFINED BY THE NATIONAL STANDARDS, OR, WHEN APPROVED BY THE BUILDING OFFICIAL WITH THE CONCURRENCE OF THE CHIEF OF THE FIRE DEPARTMENT, SOUND AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION. VALVE MONITORING, WATER-FLOW AND TROUBLE SIGNALS SHALL BE MONITORED ON THE ISLAND OF MAUI.

FIRE SPRINKLER NOTES:

FORMAL INSPECTION AS REQUIRED SHALL BE WITNESSED BY THE AUTHORITY HAVING JURISDICTION. WHEN THE BUILDING IS PROTECTED BY FIRE-PROTECTION SYSTEMS, SUCH SYSTEMS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION. WHEN ALTERATION REQUIRES MODIFICATION OF A PORTION OF A FIRE-PROTECTION SYSTEM, THE REMAINDER OF THE SYSTEM SHALL BE KEPT IN SERVICE. WHEN IT IS NECESSARY TO SHUT DOWN THE ENTIRE SYSTEM, A FIRE WATCH SHALL BE KEPT ON SITE UNTIL THE SYSTEM IS RETURNED TO SERVICE PER NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

THE FIRE SPRINKLER LAYOUT IS FOR PRELIMINARY AND REPRESENTATION PURPOSES FOR CONDITIONAL APPROVAL OF THE FIRE AND BUILDING DEPARTMENTS ONLY. THE SPRINKLER PIPING AND HEADS MAY BE ADJUSTED TO AVOID STRUCTURAL MEMBERS, LIGHT FIXTURES, DUCTWORK, AIR DEVICES, ELECTRICAL WORK, ETC.

1.3.6.3 REPAIRS, RENOVATIONS, ALTERATIONS, RECONSTRUCTION, CHANGE OF OCCUPANCY, AND ADDITIONS TO BUILDINGS SHALL CONFORM TO THIS CODE, NFPA 101, AND THE BUILDING CODE. NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

4.5.1.1 THE AHJ SHALL DETERMINE WHETHER THE PROVISIONS OF THIS CODE ARE MET.
4.5.1.2 WHERE IT IS EVIDENT THAT A REASONABLE DEGREE OF SAFETY IS PROVIDED, ANY REQUIREMENT SHALL BE PERMITTED TO BE MODIFIED IF ITS APPLICATION WOULD BE HAZARDOUS UNDER NORMAL OCCUPANCY CONDITIONS IN THE JUDGMENT OF THE AHJ. NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

13.1.2 THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER TESTING AND MAINTENANCE OF THE EQUIPMENT AND SYSTEMS. NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

13.3.2.7.2 ANY BUILDING CONTAINING ONE OR MORE ASSEMBLY OCCUPANCIES WHERE THE AGGREGATE OCCUPANT LOAD OF THE ASSEMBLY OCCUPANCIES EXCEEDS 300 SHALL BE PROTECTED BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13. NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

13.3.3.5.1 MAINTENANCE - SPRINKLERS.
13.3.3.5.1.5* A SUPPLY OF AT LEAST SIX SPARE SPRINKLERS SHALL BE MAINTAINED ON THE PREMISES SO THAT ANY SPRINKLERS THAT HAVE OPERATED OR BEEN DAMAGED IN ANY WAY CAN BE PROMPTLY REPLACED.
13.3.3.5.1.5.2 THE SPRINKLERS SHALL BE KEPT IN A CABINET LOCATED WHERE THE TEMPERATURE IN WHICH THEY ARE SUBJECTED WILL AT NO TIME EXCEED 100°F (38°C).
13.3.3.5.1.5.4 THE STOCK OF SPARE SPRINKLERS SHALL INCLUDE ALL TYPES AND RATINGS INSTALLED AND SHALL BE AS FOLLOWS:
(1) FOR PROTECTED FACILITIES HAVING UNDER 300 SPRINKLERS — NO FEWER THAN 6 SPRINKLERS
(2) FOR PROTECTED FACILITIES HAVING 300 TO 1000 SPRINKLERS — NO FEWER THAN 12 SPRINKLERS
(3) FOR PROTECTED FACILITIES HAVING OVER 1000 SPRINKLERS — NO FEWER THAN 24 SPRINKLERS
13.3.3.5.1.5.5* ONE SPRINKLER WRENCH AS SPECIFIED BY THE SPRINKLER MANUFACTURER SHALL BE PROVIDED IN THE CABINET FOR EACH TYPE OF SPRINKLER INSTALLED TO BE USED FOR THE REMOVAL AND INSTALLATION OF SPRINKLERS IN THE SYSTEM. NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

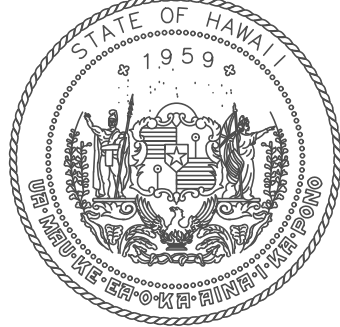
LEGEND & ABBREVIATIONS

SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	ABOVE	ABOVE		EXIST	EXISTING
	AFF	ABOVE FINISHED FLOOR		EXT	EXTERIOR
	ARCH	ARCHITECT		FLR	FLOOR
	BELOW	BELOW		FS	FIRE SPRINKLER
	CLG	CEILING		MECH	MECHANICAL
	CONC	CONCRETE		MIN	MINIMUM
	CONN	CONNECT / CONNECTION		MTD	MOUNTED
	CONT	CONTINUATION		SHT	SHEET
	COORD	COORDINATE		STRUCT	STRUCTURAL
	DN	DOWN		TYP	TYPICAL
	DWG	DRAWING		FS	FIRE SPRINKLER PIPE
	ELEC	ELECTRICAL			

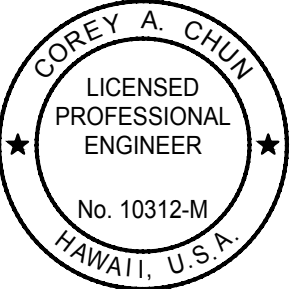
FIRE SPRINKLER NOTES (CONT.):

FIRE SAFETY NOTE
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. NFPA 1 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI.

FIRE SAFETY DURING ALTERATION
16.4.4.1 WHERE THE BUILDING IS PROTECTED BY FIRE PROTECTION SYSTEMS, SUCH SYSTEMS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION.
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.
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.
16.4.4.4 THE FIRE DEPARTMENT SHALL BE NOTIFIED WHEN THE SYSTEM IS SHUT DOWN AND WHEN THE SYSTEM IS RETURNED TO SERVICE.
10.8.1.1 AS NECESSARY DURING EMERGENCIES, MAINTENANCE, DRILLS, PRESCRIBED TESTING, ALTERATIONS, OR RENOVATIONS, PORTABLE OR FIXED FIRE-EXTINGUISHING SYSTEM OR DEVICES OR ANY FIRE-WARNING SYSTEMS SHALL BE PERMITTED TO BE MADE INOPERATIVE OR INACCESSIBLE. A FIRE WATCH SHALL BE REQUIRED AS SPECIFIED IN SECTION 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 2018, STATE OF HAWAII HRS CHAPTER 132, THE COUNTY OF MAUI, AS AMENDED.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

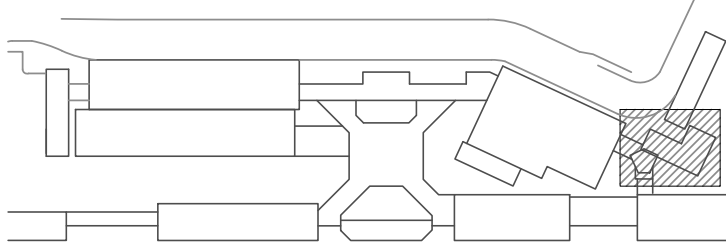


Corey A. Chun
04/30/2028
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
CC	CC	CC	CC

KEY PLAN / NOTES:



NO.	DATE	REVISIONS
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CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

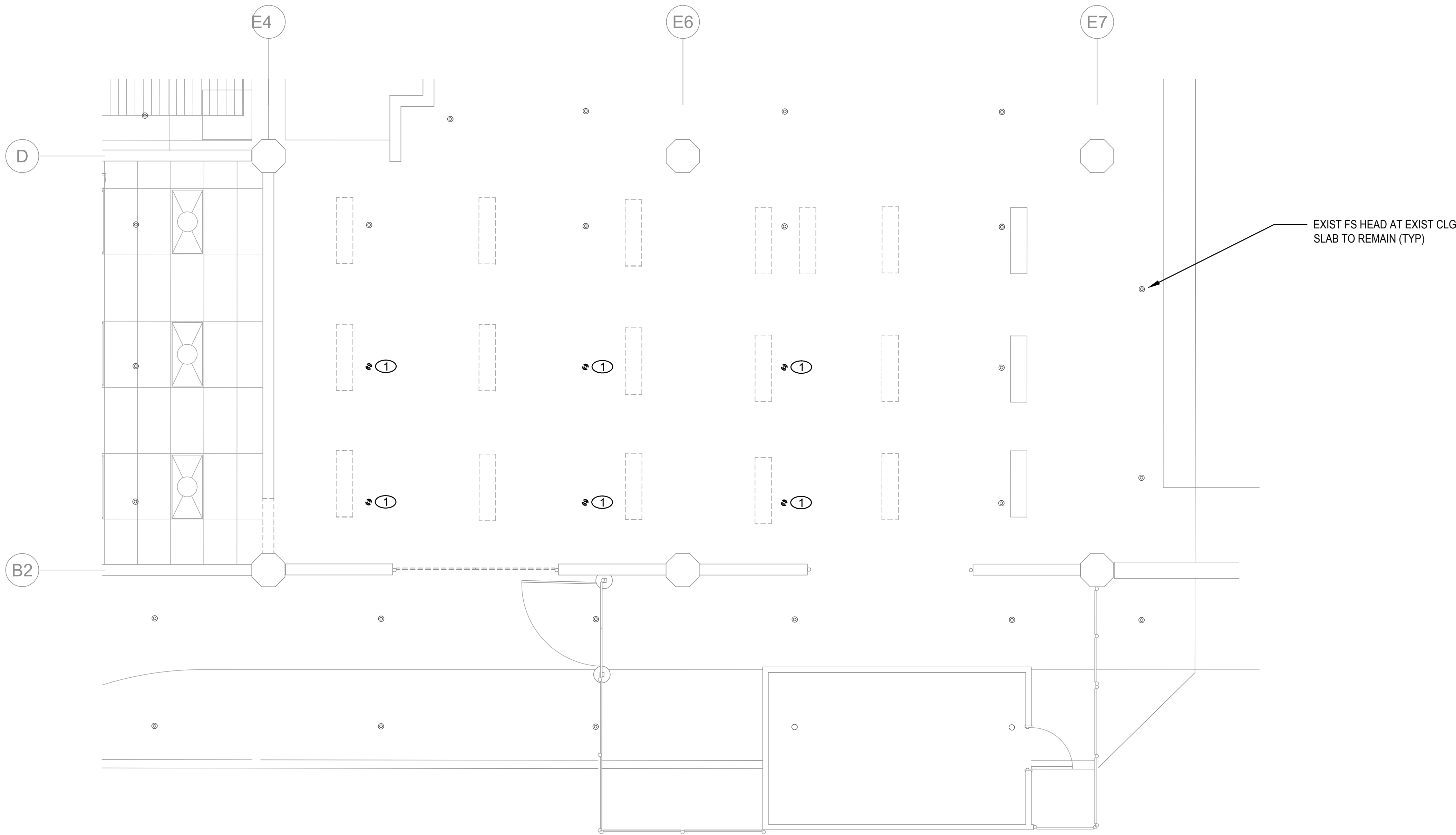
PROJECT NO.:

CM1642-13

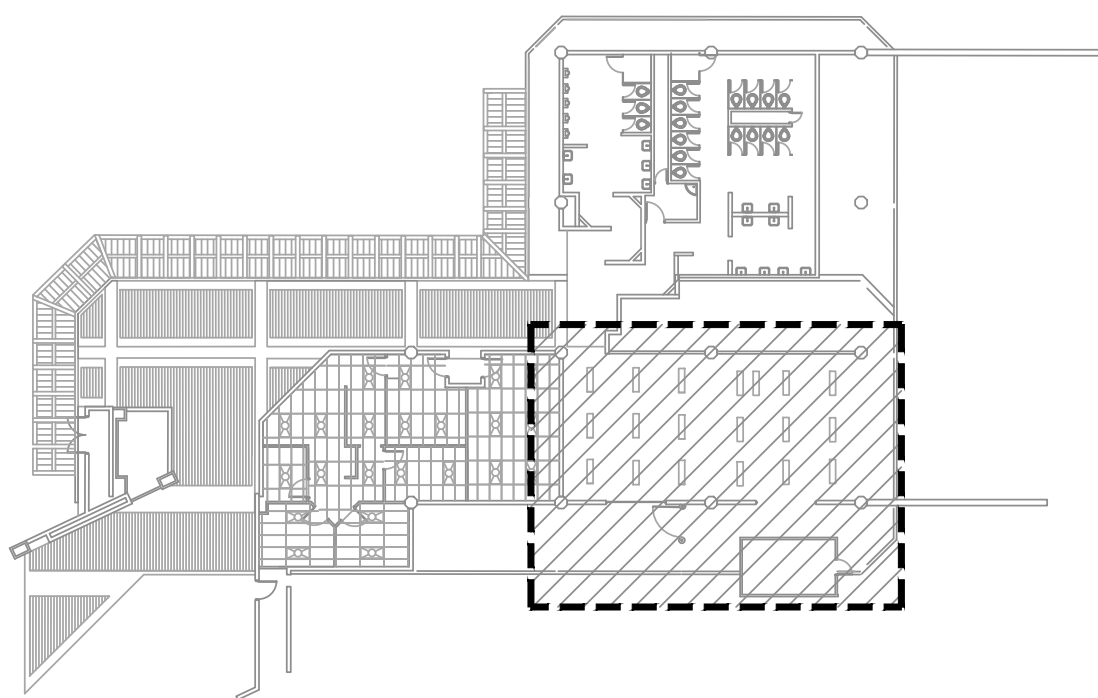
SHEET TITLE:

GENERAL FIRE
PROTECTION NOTES,
LEGEND &
ABBREVIATIONS

DATE :	DWG. NO.
04/15/2026	F-001
SHEET :	
22 OF 36 SHTS	



1 FIRE PROTECTION DEMO PLAN
1/4" = 1'-0"



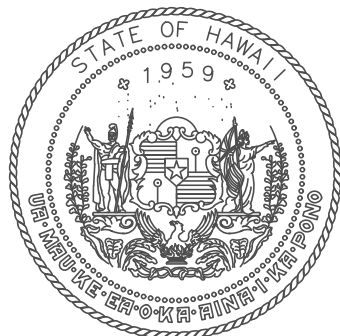
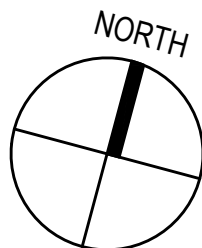
2 BUILDING KEY PLAN
NOT TO SCALE

FIRE PROTECTION DEMOLITION NOTES:

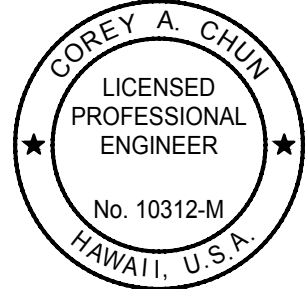
CONTRACTOR SHALL COORD REMOVAL OF ALL FIRE SPRINKLER WORK (I.E. EQUIPMENT, PIPING AND ACCESSORIES) WITH ARCH AND ELEC DWGS. COORD THE REMOVAL AND PATCHING OF ALL EXIST CLGS AND WALLS WITH ARCH DWGS AND DETAILS. REMOVE ALL ABANDONED DUCTWORK AND PIPING THAT WILL INTERFERE WITH THE INSTALLATION OF NEW WORK.

- 1 FIRE SPRINKLER HEADS:
DISCONNECT AND REMOVE EXIST FSH COMPLETELY INCLUDING PIPING AND SUPPORTS. DISCONNECT AND REMOVE PIPING AT BRANCH AND CAP PIPE END TO REMAIN UNTIL RECONNECTED.

(1/4" = 1'-0") 4 2 0 4 8



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DEPARTMENT OF TRANSPORTATION
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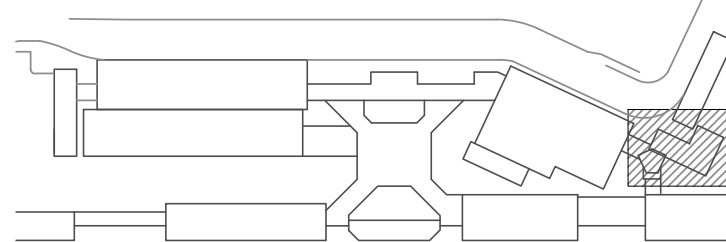


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KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

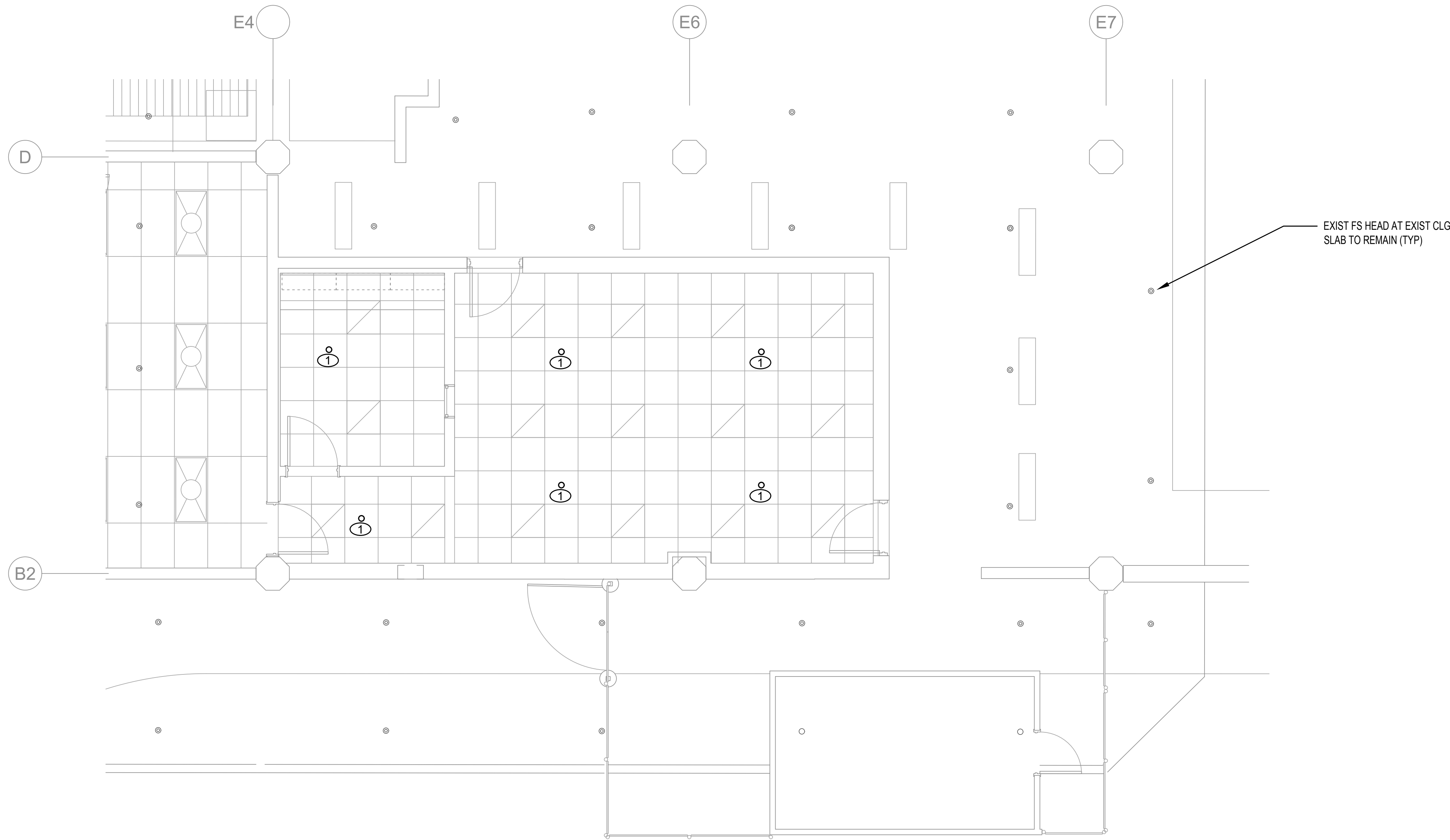
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FIRE PROTECTION
DEMO PLAN -

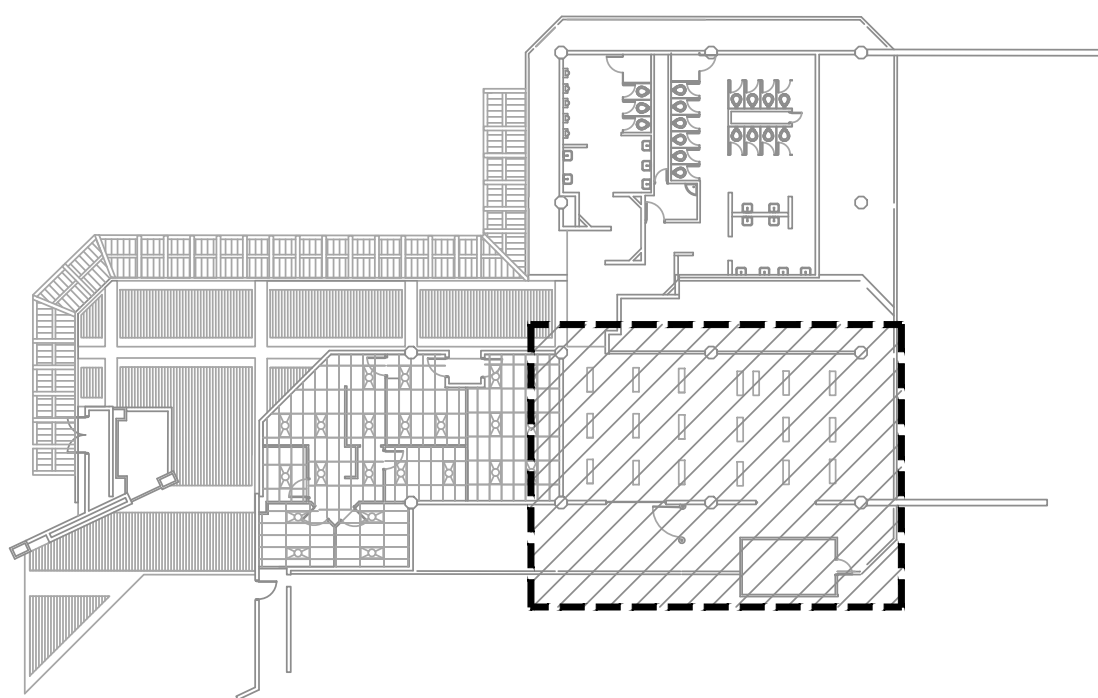
DATE :
04/15/2026
SHEET :
23 OF 36 SHTS

DWG. NO.

F-101



1 FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"



2 BUILDING KEY PLAN
NOT TO SCALE

FIRE PROTECTION WORK NOTES:

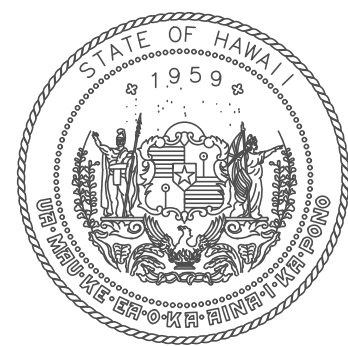
COORD INSTALLATION OF ALL FIRE PROTECTION WORK WITH ARCH, STRUCT AND ELEC WORK, DWGS AND DETAILS. COORD FIRE SPRINKLER HEAD INSTALLATION WITH ARCH DWGS AND CLG HEIGHTS. COORD THE PENETRATIONS OF ALL PIPES, CONDUITS, ETC. WITH ARCH AND STRUCT DWGS AND DETAILS.

COORD ALL PIPE SIZES AND ROUTING WITH ALL WORK (EXIST AND NEW), INCLUDING, BUT NOT LIMITED TO DUCTWORK, ELECTRICAL AND DATA CONDUITS, PIPING, STRUCTURAL OBSTACLES. ADJUST PIPE ROUTING ACCORDINGLY.

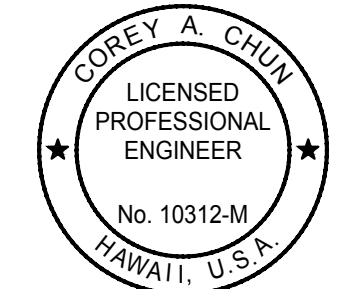
- ① FIRE SPRINKLER HEADS:
PROVIDE CONCEALED PENDANT FSH AT CLG WITH COVER PLATE PLATE AT THE CLG TILE. CONN FS PIPE TO EXIST FS BRANCH PIPE ABOVE CLG. PROVIDE UL LISTED FLEXIBLE PIPING FROM BRANCH PIPE TO FSH. THE FLEXIBLE PIPING SHALL BE 30" MAX LENGTH. COORD WORK WITH ARCH DWGS AND CLG WORK

FIRE SPRINKLER NOTES:

- AREA TO BE FIRE SPRINKLED SHALL BE LIGHT HAZARD - 0.10 GPM/SQ. FT.
- ENTIRE FLOOR AREA SHALL BE FIRE SPRINKLED.
- PROVIDE QUICK RESPONSE, 0.5" ORIFICE FIRE SPRINKLER HEAD, 155°F TEMPERATURE RATING
- ADJUST AND MODIFY EXISTING FIRE SPRINKLER BRANCH PIPING TO ACCOMMODATE THE FIRE SPRINKLER HEAD LOCATIONS. THE FIRE SPRINKLER BRANCH PIPE SIZING SHALL BE PER NFPA 13 (LATEST EDITION) REQUIREMENTS.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIRE EXTINGUISHER LOCATIONS AND CABINET TYPES. REFER TO SECTION 15330 FOR FIRE EXTINGUISHER AND CABINET SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE ALL FIRE SPRINKLER HEAD AND PIPE INSTALLATION WITH THE ARCHITECTURAL REFLECTED CEILING PLAN (LOCATION, SPACE REQUIREMENTS, ROUTING, ETC.) AND WITH ALL TRADES CONCERNED BEFORE PROCEEDING WITH INSTALLATION



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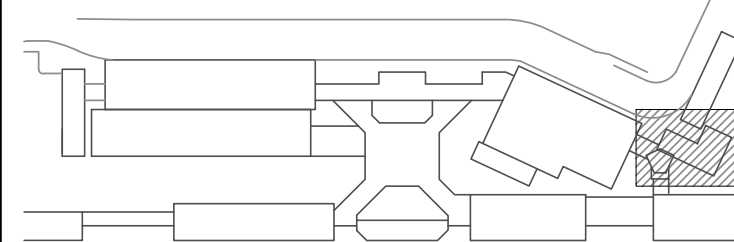


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04/30/2026
Licensed Expiration Date

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CC	CC	CC	CC

KEY PLAN / NOTES:



NO.	DATE	REVISIONS
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CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

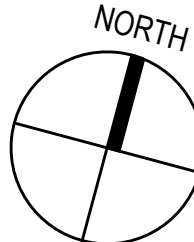
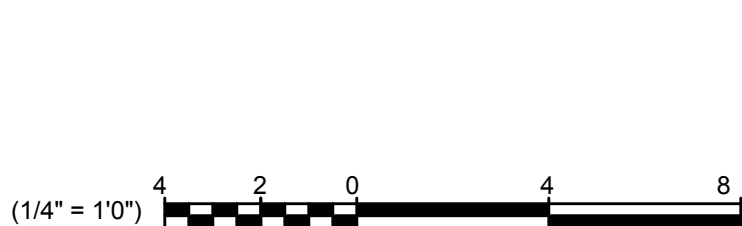
PROJECT NO.:

CM1642-13

SHEET TITLE:

FIRE PROTECTION
FLOOR PLAN -

DATE:	DWG. NO.
04/15/2026	F-201
SHEET:	
24 OF 36 SHTS	



LUMINAIRE SCHEDULE		
TYPE	LAMP	D E S C R I P T I O N
A	38W LED	COLUMBIA CBT 22-LS35 OR APPROVED EQUAL
NOTES: 1. ALL LUMINAIRES SHALL BE U.L. LISTED.		

COUNTY OF MAUI
MAUI COUNTY CODE, CHAPTER 16.16B ENERGY CODE
COMMERCIAL PROVISIONS

COMPLIANCE METHOD
☐ C401.2(1) ANSI/ASHRAE IESNA 90.1
☐ C401.2(2) Sections C402 through C406
☒ C405.6(3) Sections C402.5, C403.2, C404, C405.2, C405.3, C405.4, C405.6, C407
☐ C102.1 Alternative

To the best of my knowledge, this project's design substantially conforms to the Energy Code.

Signature: Clayton C. Y. Pang
Name: Clayton C. Y. Pang
Title: Principal
License No.: 4145-E

Date: APRIL 2026

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 LIGHTING FIXTURES, RECEPTACLES AND 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 OWNER. PACK MATERIAL IN BOXES. COIL ALL CABLES AND TIE.
- ABANDON CONDUITS BELOW GRADE NO LONGER REQUIRED. PULL OUT ALL WIRES IN ABANDONED CONDUITS.
- RETURN ALL REMOVED LIGHT FIXTURES TO OWNER. DELIVER ITEMS AND STACK IN LOCATION AS DETERMINED BY ENGINEER.

ELECTRICAL SYMBOLS

- CEILING LED LUMINAIRE
- EXISTING CEILING LUMINAIRE TO REMAIN
- EXISTING CEILING LUMINAIRE TO BE REMOVED
- EXISTING CEILING LUMINAIRE TO BE RELOCATED
- RELOCATED CEILING LUMINAIRE
- S

SWITCH, 1P20A, +4'-0" TO TOP OF DEVICE PLATE
- S₂

SWITCH, 2P20A, FCU DISCONNECT
- S₃

SWITCH, 3W20A, +4'-0" TO TOP OF DEVICE PLATE
- S₄

SWITCH, 4W20A, +4'-0" TO TOP OF DEVICE PLATE
- Δ

WALL MOUNTED OCCUPANCY SENSOR DUAL TECHNOLOGY TYPE +48"
- ⊟

CEILING MOUNTED OCCUPANCY SENSOR DUAL TECHNOLOGY TYPE
- ⊕

DUPLEX CONVENIENCE OUTLET, 3W15A, GROUNDING TYPE, +16" TO BOTTOM OF DEVICE PLATE UNLESS OTHERWISE NOTED. SEE NOTE 3 AND 5.
- ⌚

EXISTING PANELBOARD
- ⌚

PANELBOARD
- ⌚

TELECOM OUTLET, +16" TO BOTTOM OF DEVICE PLATE
- ⌚

FIRE ALARM AUDIO VISUAL SIGNAL, +80" TO BOTTOM OF DEVICE PLATE
- ⌚

MOTOR OUTLET
- ⌚

MOTOR CONTROLLER
- ⌚

SAFETY SWITCH
- WP

WEATHERPROOF
- ⌚

TRANSFORMER
- ⌚

LUMINAIRE DESIGNATION, TYPE "A" INDICATED
- ⌚

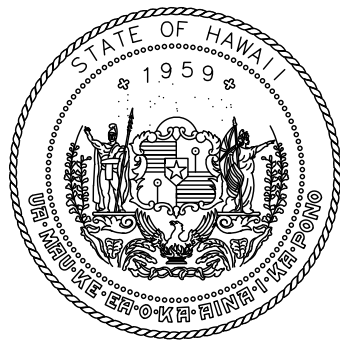
MODULATING DAMPER CONNECTION

- WIRING IN EXISTING RACEWAY
- *-x-*

WIRING IN EXISTING RACEWAY TO BE REMOVED
- WIRING IN EXPOSED RACEWAY
- WIRING IN RACEWAY CONCEALED IN FLOOR OR BELOW GRADE
- WIRING IN RACEWAY CONCEALED IN WALL OR CEILING
- ~~~~~

WIRING IN FLEXIBLE RACEWAY

- 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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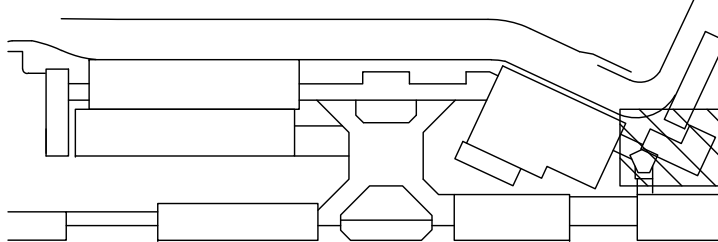


Clayton C. Y. Pang
04/30/2026
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CP	ESB	CP	

KEY PLAN / NOTES:



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

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

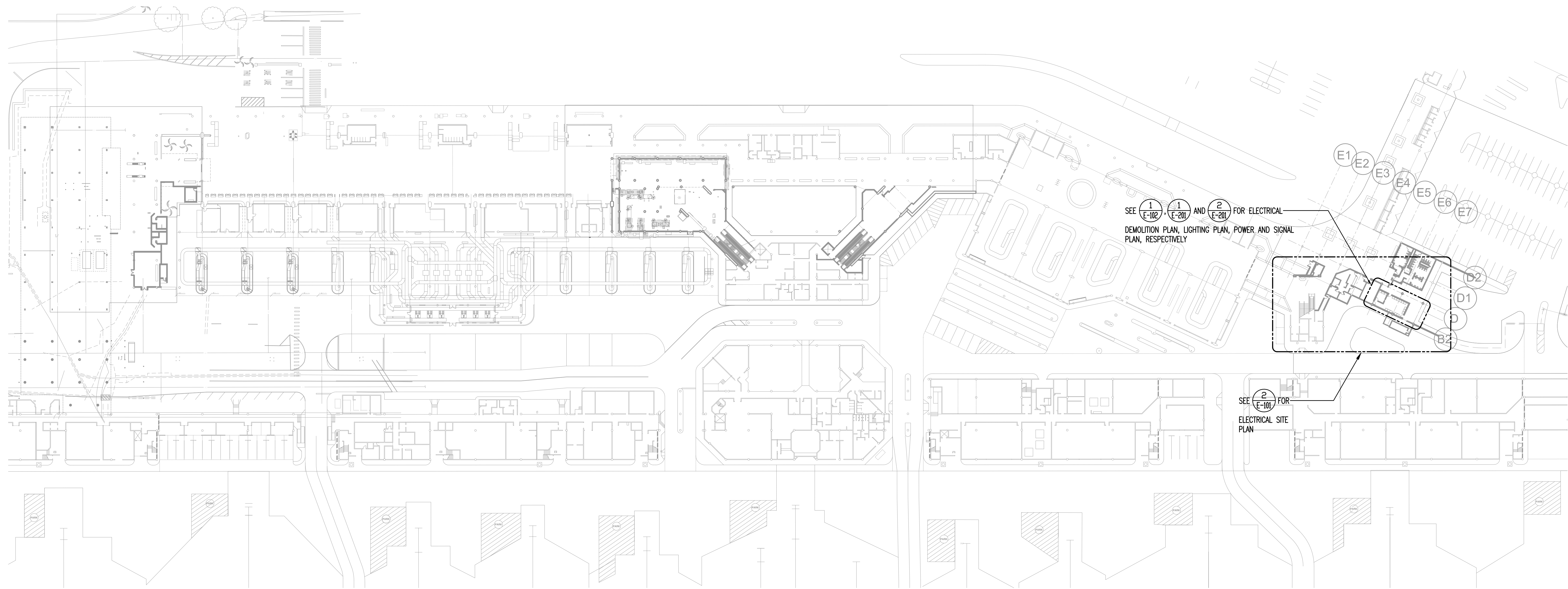
PROJECT NO.:

CM1642-13

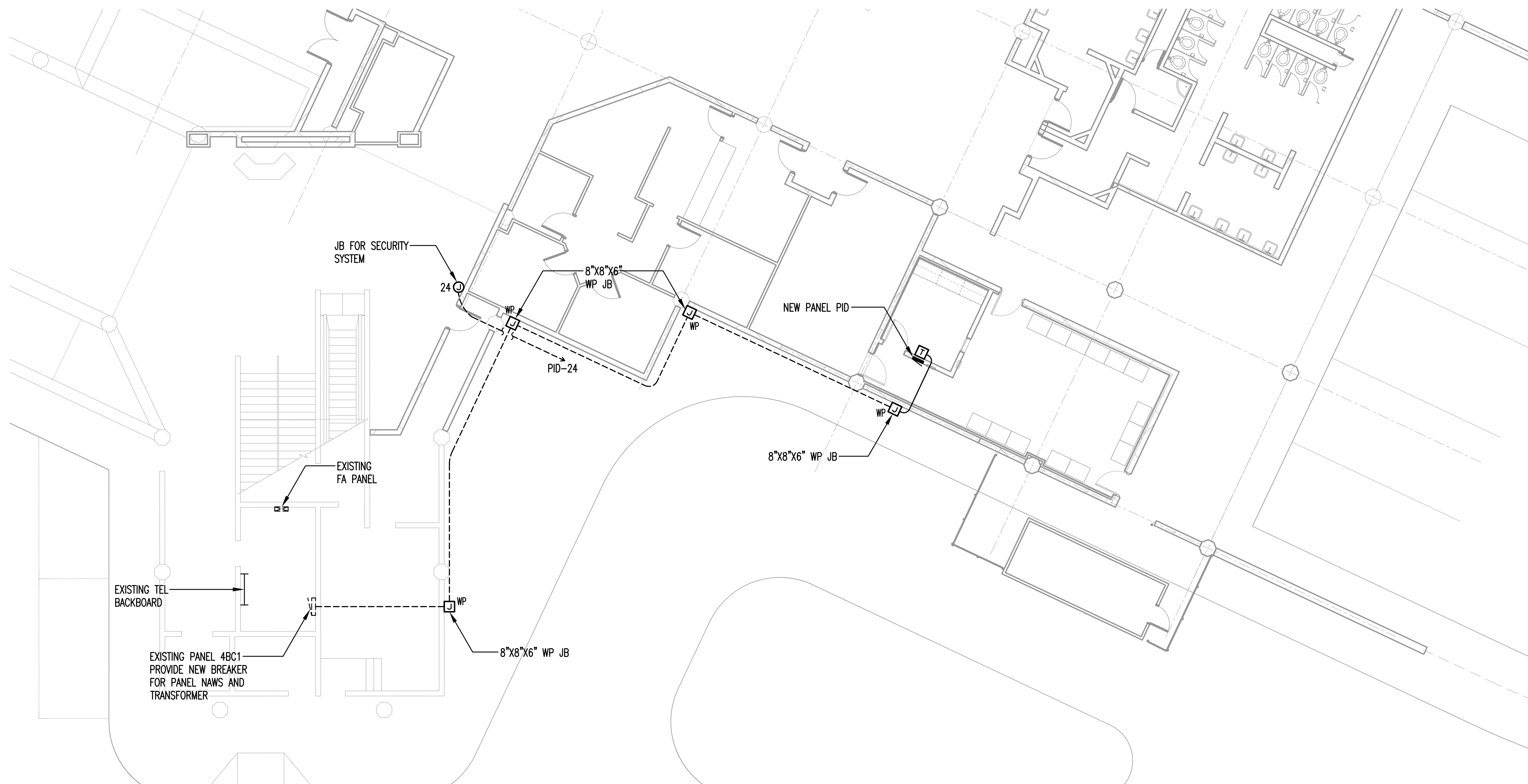
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SCHEDULE, NOTES, ELEC. SYMBOLS

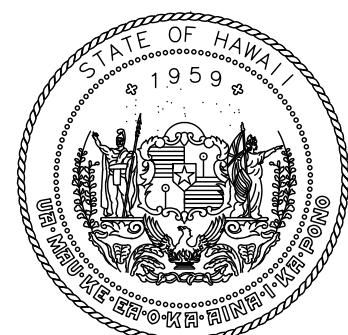
DATE :	DWG. NO.
04/15/2026	E-100
SHEET :	
25 OF 36 SHTS	



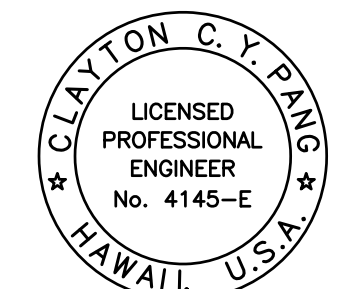
1 COMPOSITE ELECTRICAL PLAN - GROUND LEVEL
SCALE : 1" = 50' - 0"



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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

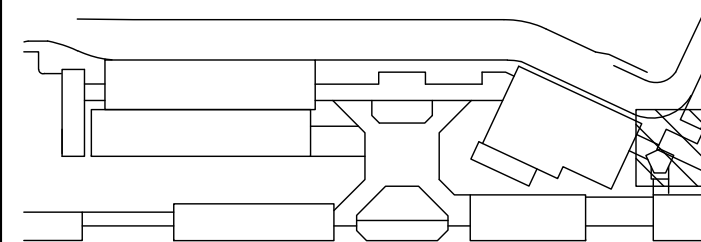


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KEY PLAN / NOTES:



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DOCUMENTS

APRIL 15, 2026
DATE

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PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

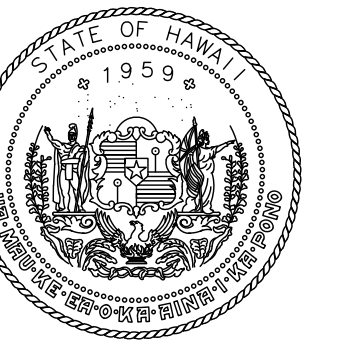
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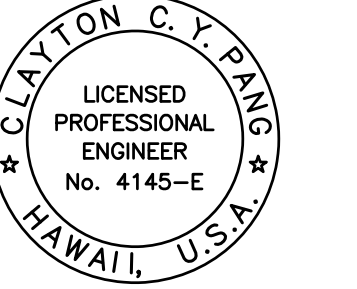
SHEET TITLE:

COMP ELEC PLAN -
GRD LEVEL, ELEC
SITE PLAN

DATE:	DWG. NO.
04/15/2026	E-101
SHEET:	
26 OF 36 SHTS	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

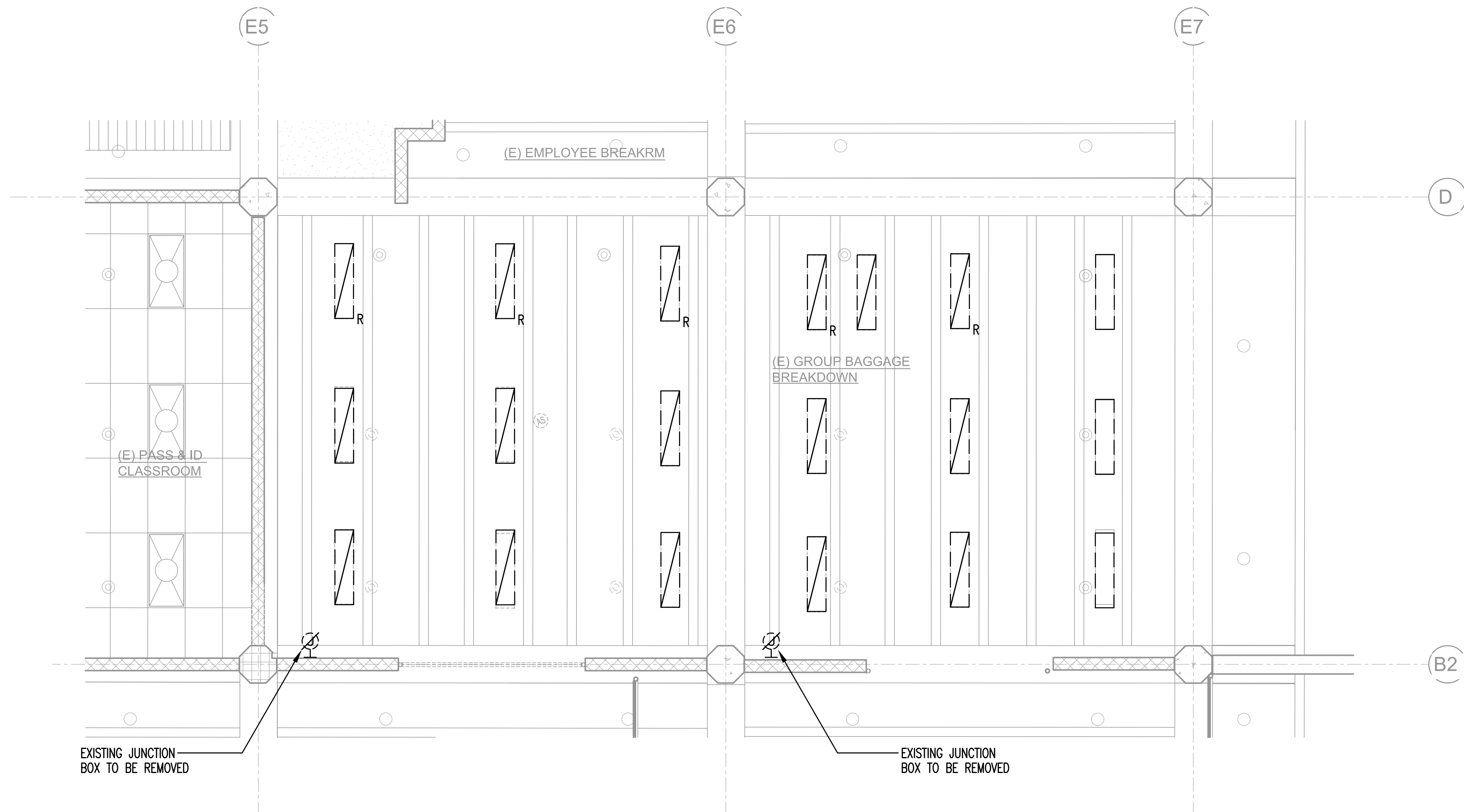
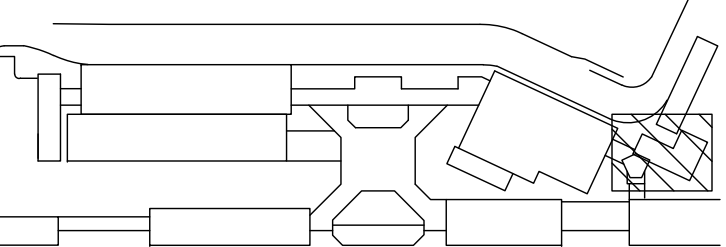


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04/30/2026
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KEY PLAN / NOTES:



1 ELECTRICAL DEMOLITION PLAN
SCALE : 1/4" = 1'-0"

NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

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PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

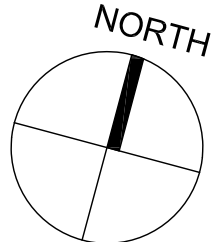
CM1642-13

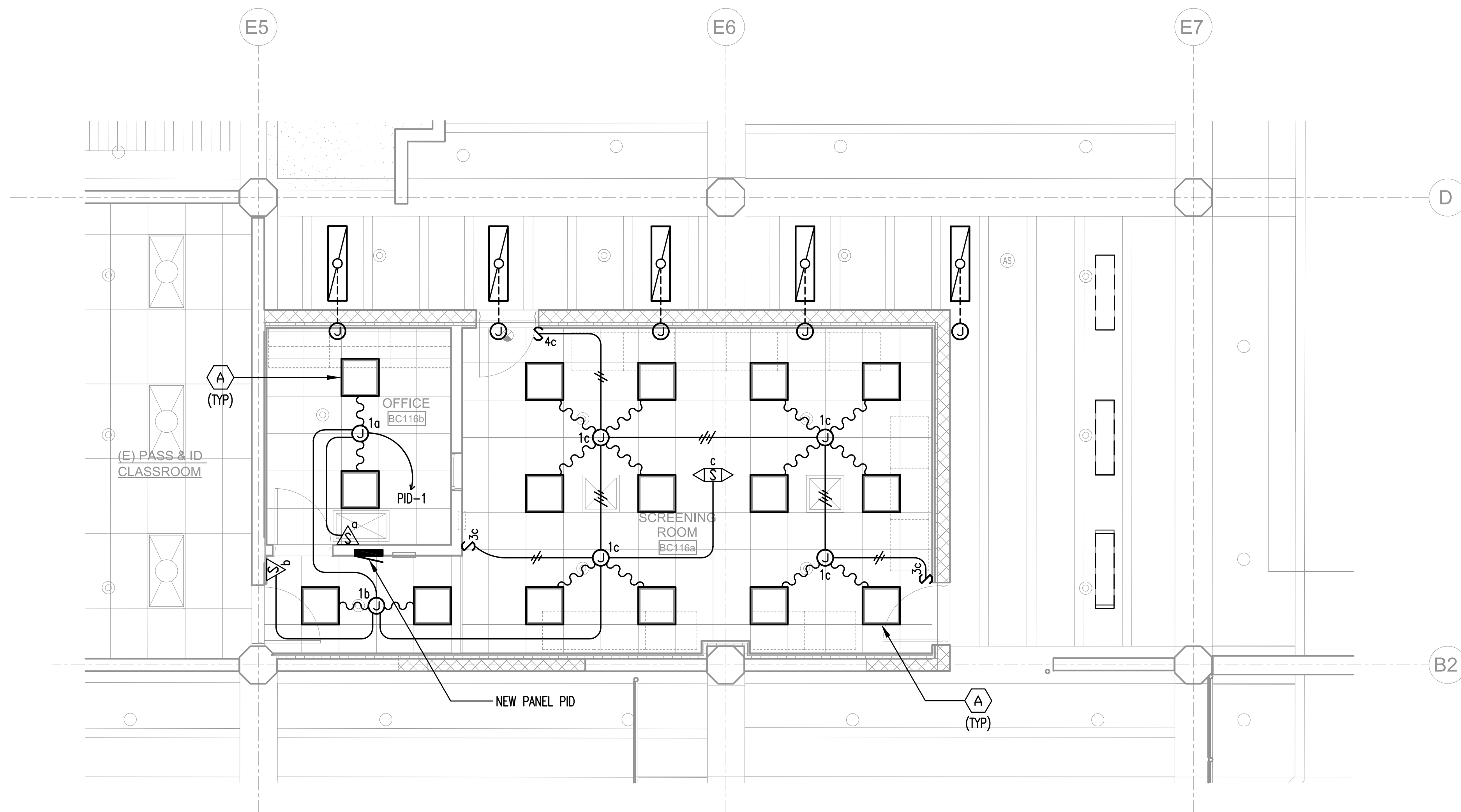
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ELECTRICAL
DEMOLITION PLAN

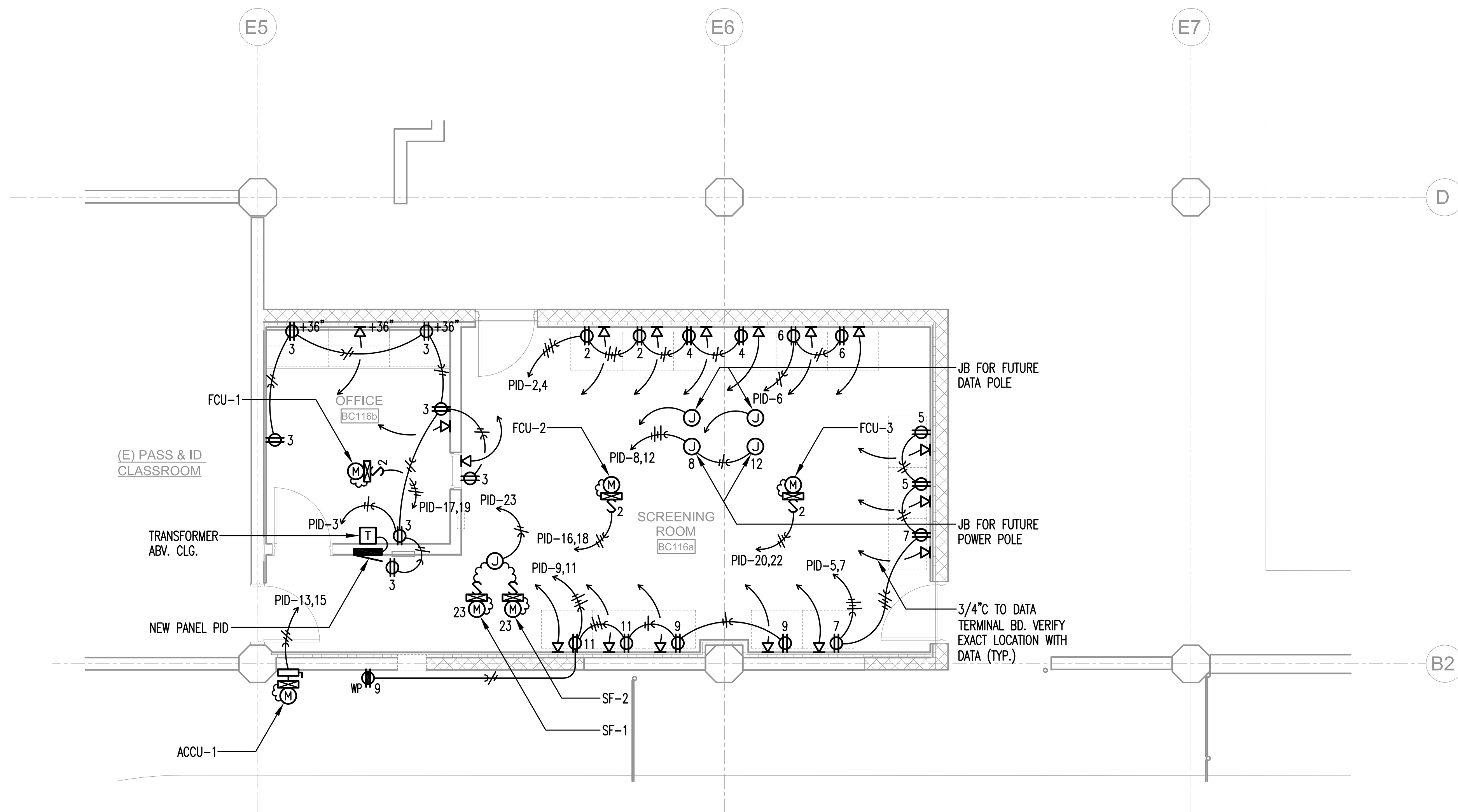
DATE :	DWG. NO.
04/15/2026	E-102
SHEET :	
27 OF 36 SHTS	

0 2' 4' 8'
SCALE: 1/4" = 1'-0"



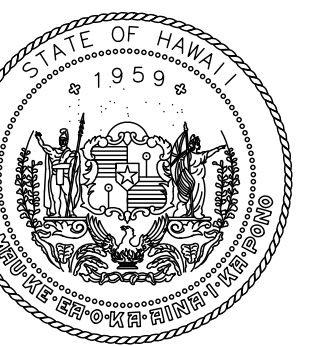
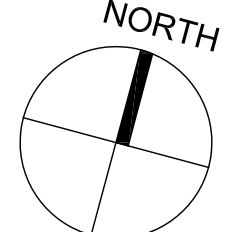


1 LIGHTING PLAN
SCALE : 1/4" = 1' - 0"

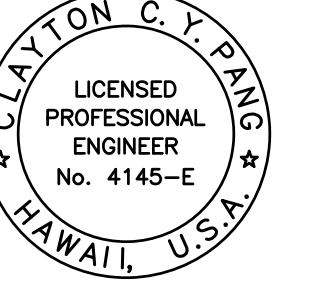


2 POWER AND SIGNAL PLAN
SCALE : 1/4" = 1' - 0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

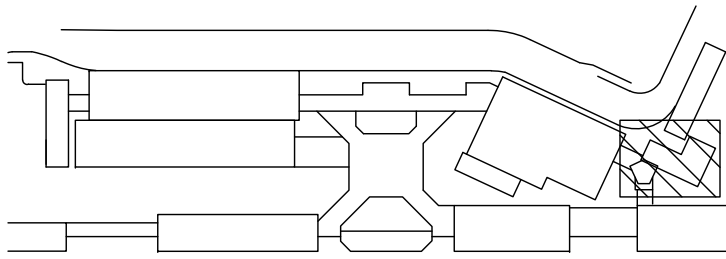


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04/05/2026
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CP	ESB	CP	

KEY PLAN / NOTES:



NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS

APRIL 15, 2026
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PASS & IDENTIFICATION TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

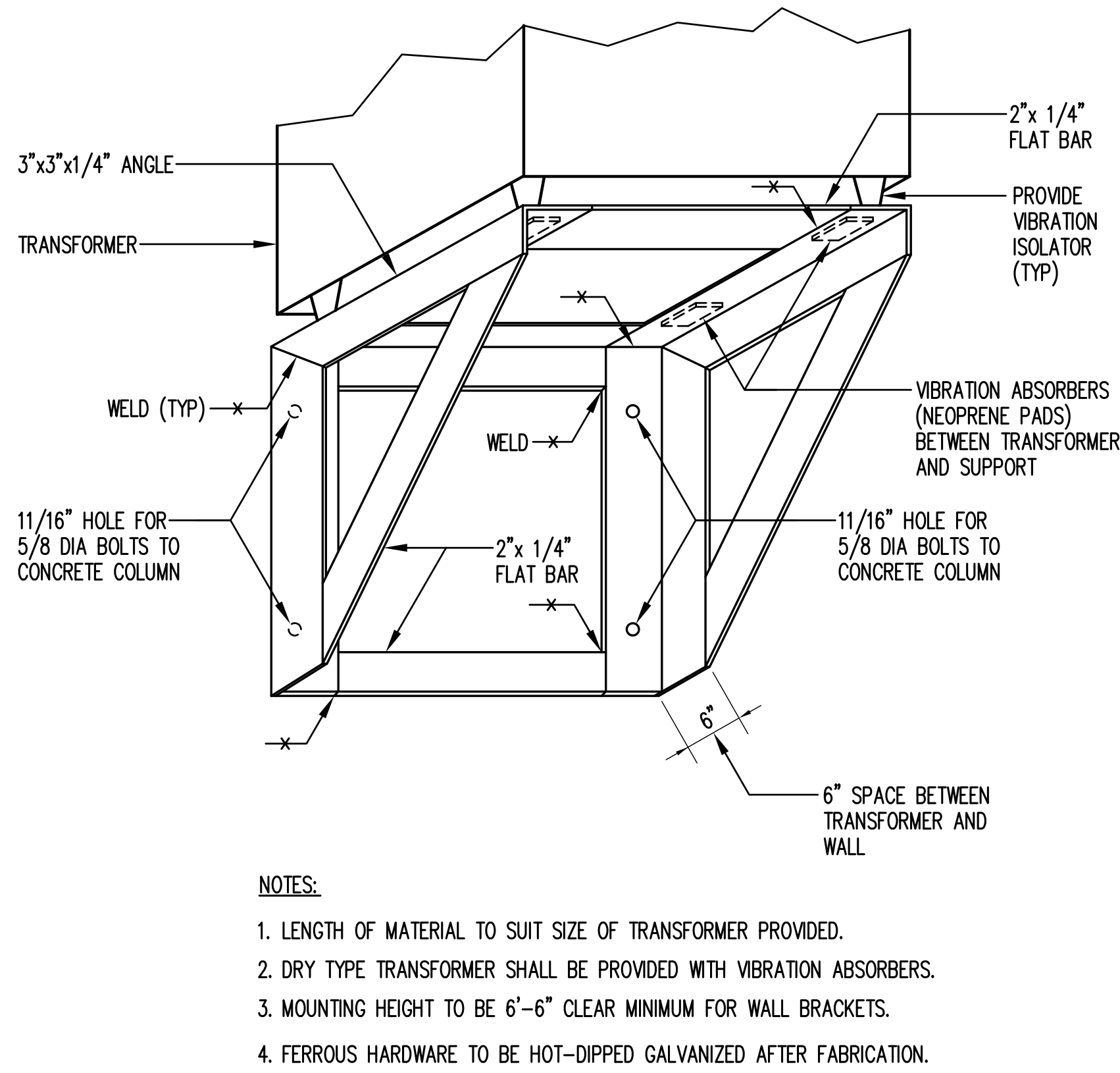
CM1642-13

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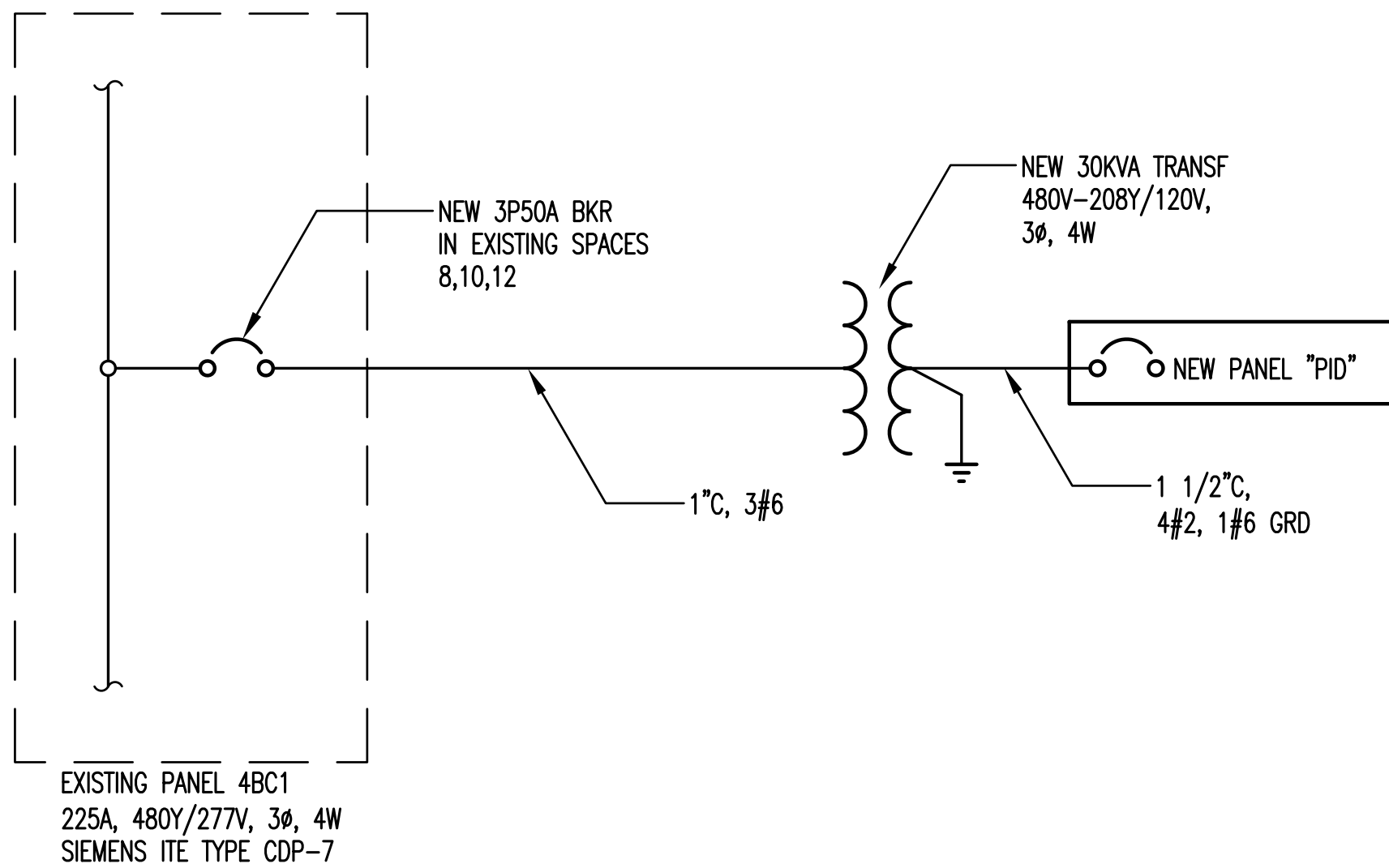
LIGHTING, POWER AND SIGNAL PLANS

DATE :	DWG. NO.
04/15/2026	E-201
SHEET :	
28 OF 36 SHTS	

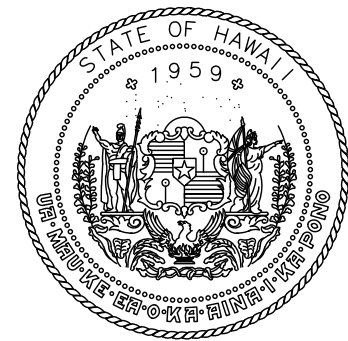
PANEL "PID"		208Y/120 VOLTS		3ø, 4WSN		
3P100A MAIN BKR		BRANCH BKR I.C.		10,000 AMPS		
FLUSH, 20" WIDE CABINET						
CKT NO.	BKR	L O A D	KVA			WIRE
			A	B	C	
1	1P20A	LIGHTS	0.8			12
2		RECEP	1.0			12
3				1.0		12
4				1.0		12
5					1.0	12
6		↓			1.0	12
7		RECEP	1.0			12
8		FUTURE POWER POLE	1.0			12
9		RECEP		1.0		12
10		SPARE				
11		RECEP			1.0	12
12		FUTURE POWER POLE			1.0	12
13,15	2P60A	ACCU-1	3.7	3.7		6
14	1P20A	SPARE				
16,18	2P20A	FCU-2		1.5	1.5	12
17,19	2P15A	FCU-1	0.1		0.1	12
20,22	2P20A	FCU-3	1.5	1.5		12
21	1P20A	SPARE				
22		SPARE				
23		SF-1 AND SF-2			0.1	12
24		SECURITY JB			1.0	12
25		SPARE				
26						
27						
28						
29						
30	↓	↓				
T O T A L			9.1	9.7	6.7	



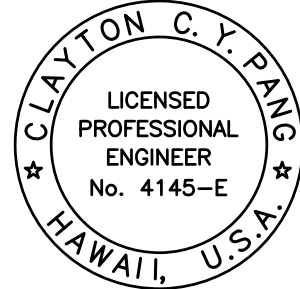
1 TRANSFORMER MOUNTING DETAIL
NOT TO SCALE



SINGLE LINE DIAGRAMS



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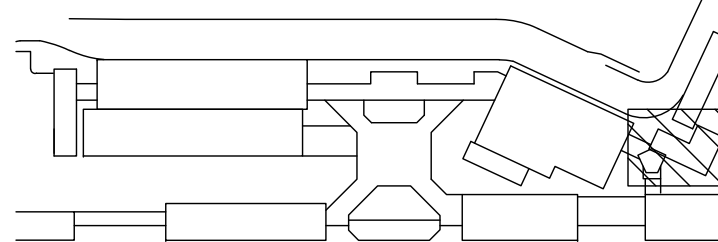


Clayton C.Y. Pang
04/03/2026
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CP	ESB	CP	

KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

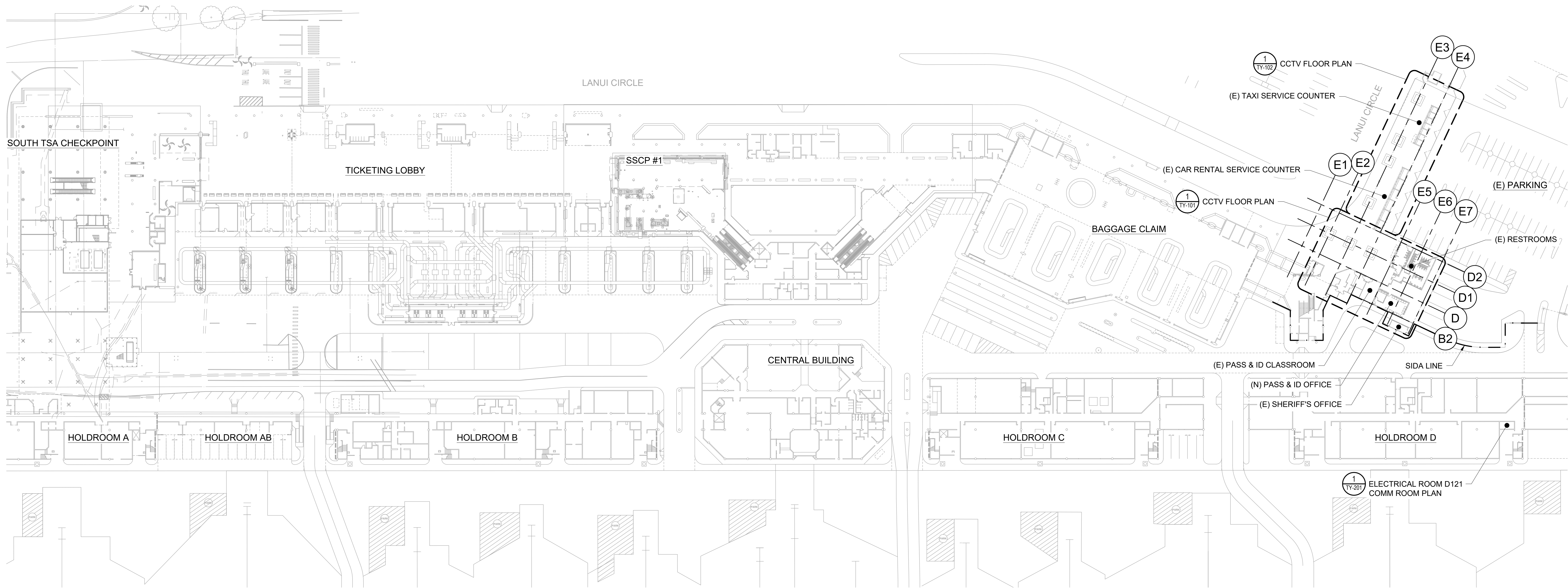
CM1642-13

SHEET TITLE:

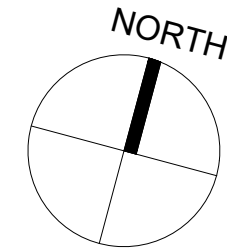
PANEL SCHEDULES
DIAGRAM AND DET.

DATE :	DWG. NO.
04/15/2026	E-300
SHEET :	
29 OF 36 SHTS	

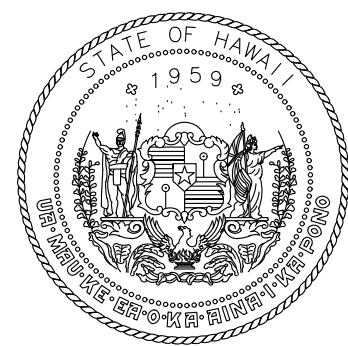
NOTES		LEGEND				ABBREVIATIONS					
-------	--	--------	--	--	--	---------------	--	---	--	--	--



0 25' 50' 100'
SCALE: 1" = 50'



1 COMPOSITE FLOOR PLAN - GROUND LEVEL
1" = 50'-0"



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DEPARTMENT OF TRANSPORTATION
AIRPORTS

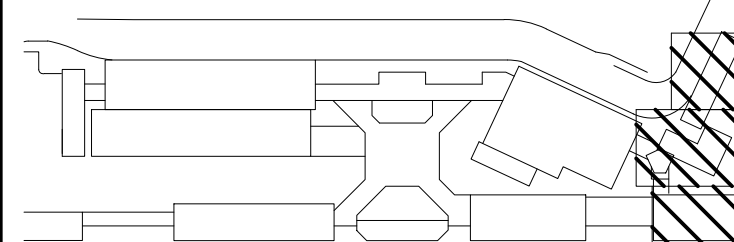


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TG	RT	Checker	Approver

KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

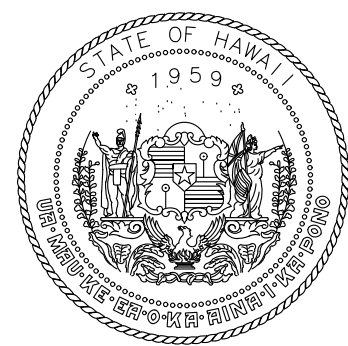
SECURITY
OVERALL SITE PLAN -
GROUND LEVEL

DATE:	DWG. NO.
04/15/2026	TY-100
SHEET:	
31 OF 36 SHTS	

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NOTES:

1. SYMBOLS ARE NOT TO SCALE.
2. THE CONTRACTOR SHALL VERIFY MEASUREMENTS AND ALL CONDITIONS ON SITE. ANY MAJOR DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PERFORMING THE WORK.
3. CONTRACTOR SHALL PROVIDE HOME RUN CAT6 CONNECTIONS FOR NEW CAMERAS TO WALL MOUNTED OUTDOOR SWITCH ENCLOSURE LOCATED NEAR OGG-PID-FXCAM-02. PROVIDE SINGLE MODE FIBER TO FIBER OPTIC PATCH PANEL LOCATED IN ELECTRIC ROOM D121. REFER TO TY-201 FOR LOCATION OF FIBER OPTIC PATCH PANEL.
4. REFER TO TY-301 FOR CCTV ONE LINE DIAGRAM.
5. REFER TO ELECTRICAL DRAWINGS FOR PROVIDING 120 VAC POWER TO THE OUTDOOR SWITCH ENCLOSURE.



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AIRPORTS

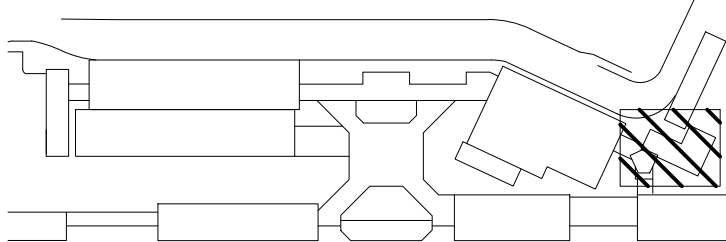


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CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

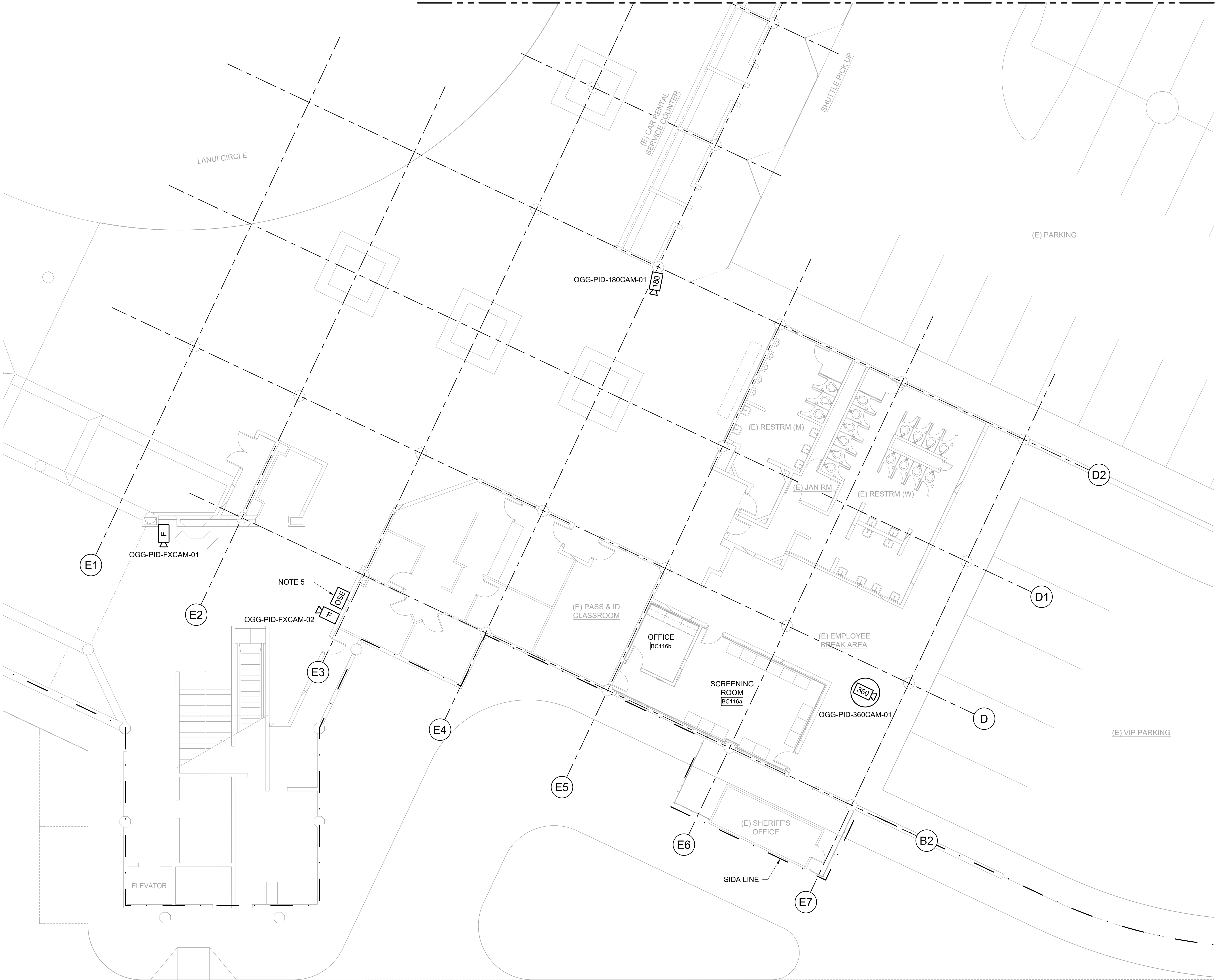
SHEET TITLE:

CCTV FLOOR PLAN -
GROUND LEVEL

DATE:	DWG. NO.
04/15/2026	TY-101
SHEET:	
32 OF 36 SHTS	

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FOR CONTINUATION SEE DWG. TY-102



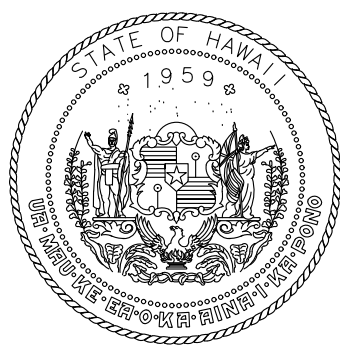
1 CCTV FLOOR PLAN
1/8" = 1'-0"

25/02/2026 11:18:20 AM



NOTES:

- 1. SYMBOLS ARE NOT TO SCALE.
- 2. THE CONTRACTOR SHALL VERIFY MEASUREMENTS AND ALL CONDITIONS ON SITE. ANY MAJOR DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PERFORMING THE WORK.
- 3. CONTRACTOR SHALL PROVIDE HOME RUN CAT6 CONNECTIONS FOR NEW CAMERAS TO WALL MOUNTED OUTDOOR SWITCH ENCLOSURE LOCATED NEAR OGG-PID-FXCAM-02 (REFER TO TY-101). PROVIDE SINGLE MODE FIBER TO FIBER OPTIC PATCH PANEL LOCATED IN ELECTRIC ROOM D121. REFER TO TY-201 FOR LOCATION OF FIBER OPTIC PATCH PANEL.
- 4. REFER TO TY-301 FOR CCTV ONE LINE DIAGRAM.



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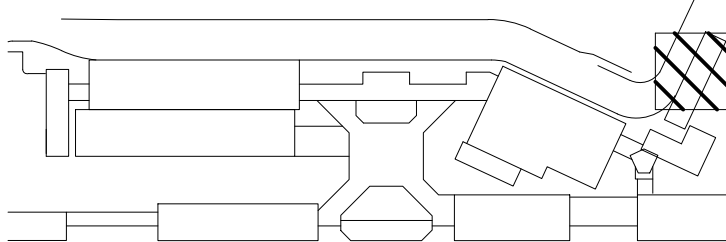


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TG	RT	Checker	Approver

KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

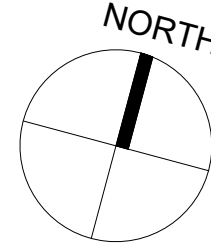
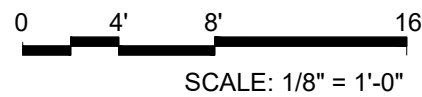
CM1642-13

SHEET TITLE:

CCTV FLOOR PLAN - GROUND LEVEL

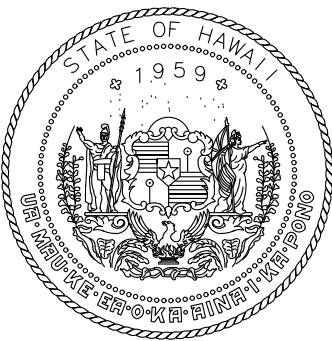
DATE:	DWG. NO.
04/15/2026	TY-102
SHEET:	
33 OF 36 SHTS	

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NOTES:

1. SYMBOLS ARE NOT TO SCALE.
2. THE CONTRACTOR SHALL VERIFY MEASUREMENTS AND ALL CONDITIONS ON SITE. ANY MAJOR DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PERFORMING THE WORK.
3. CONTRACTOR SHALL PROVIDE HOME RUN SINGLE MODE FIBER CONNECTION FROM THE OUTDOOR SWITCH ENCLOSURE TO FIBER OPTIC PATCH PANEL. CONTRACTOR TO PROVIDE ALL NECESSARY PATCH CABLES TO PROVIDE CONNECTION TO EXISTING ETHERWAN NETWORK SWITCH IP 10.100.9.99.
4. REFER TO TY-301 FOR CCTV ONE LINE DIAGRAM.



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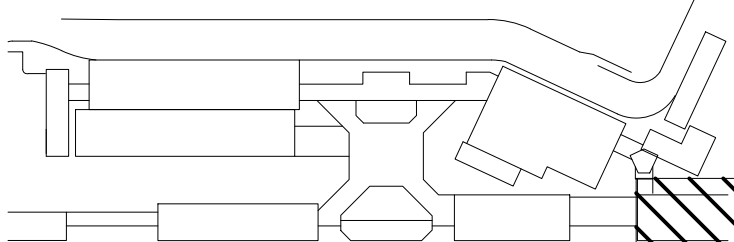


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KEY PLAN / NOTES:



NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

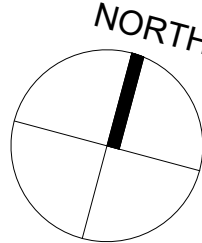
CM1642-13

SHEET TITLE:

ELECTRICAL ROOM
D121 COMM ROOM
PLAN - GROUND
LEVEL

DATE :	DWG. NO.
04/15/2026	TY-201
SHEET :	
34 OF 36 SHTS	

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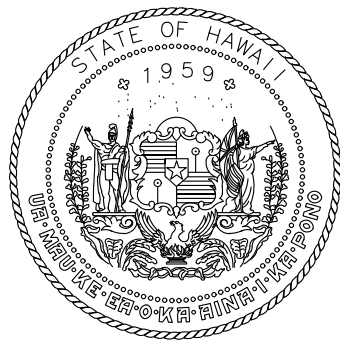
0 1' 2' 4'
SCALE: 1/2" = 1'-0"

1 COMM ROOM PLAN
1/2" = 1'-0"

25/02/2026 11:18:20 AM

NOTES:

1. THE CONTRACTOR SHALL VERIFY MEASUREMENTS AND ALL CONDITIONS ON SITE. ANY MAJOR DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PERFORMING THE WORK.
2. REFER TO TY-101 AND TY-102 FOR LOCATION OF CCTV CAMERAS.
3. CONTRACTOR SHALL COORDINATE WITH DOT-A FOR NEW CAMERAS TO BE PART OF EXISTING VMACS SYSTEM.



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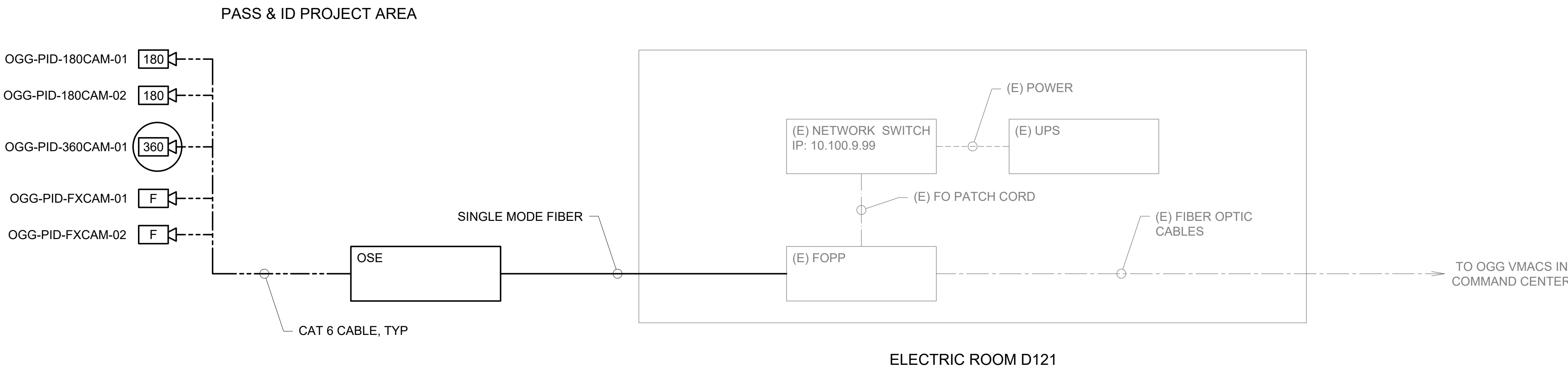


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TG	RT	Checker	Approver

KEY PLAN / NOTES:



NO.	DATE	REVISIONS
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CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

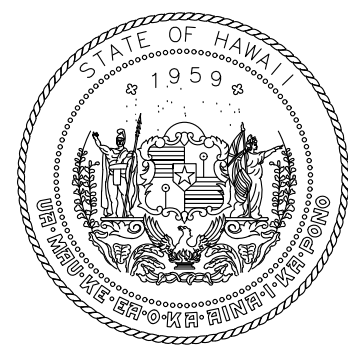
CM1642-13

SHEET TITLE:

CCTV
ONE LINE DIAGRAM

DATE :	DWG. NO.
04/15/2026	TY-301
SHEET :	
35 OF 36 SHTS	

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TG	RT	Checker	Approver

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NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

APRIL 15, 2026
DATE

PROJECT TITLE:

PASS & IDENTIFICATION
TRAINING ROOM

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

CM1642-13

SHEET TITLE:

SECURITY CAMERA
OUTDOOR SWITCH
ENCLOSURE DETAIL,
MOUNTING DETAILS
AND SCHEDULE

DATE:

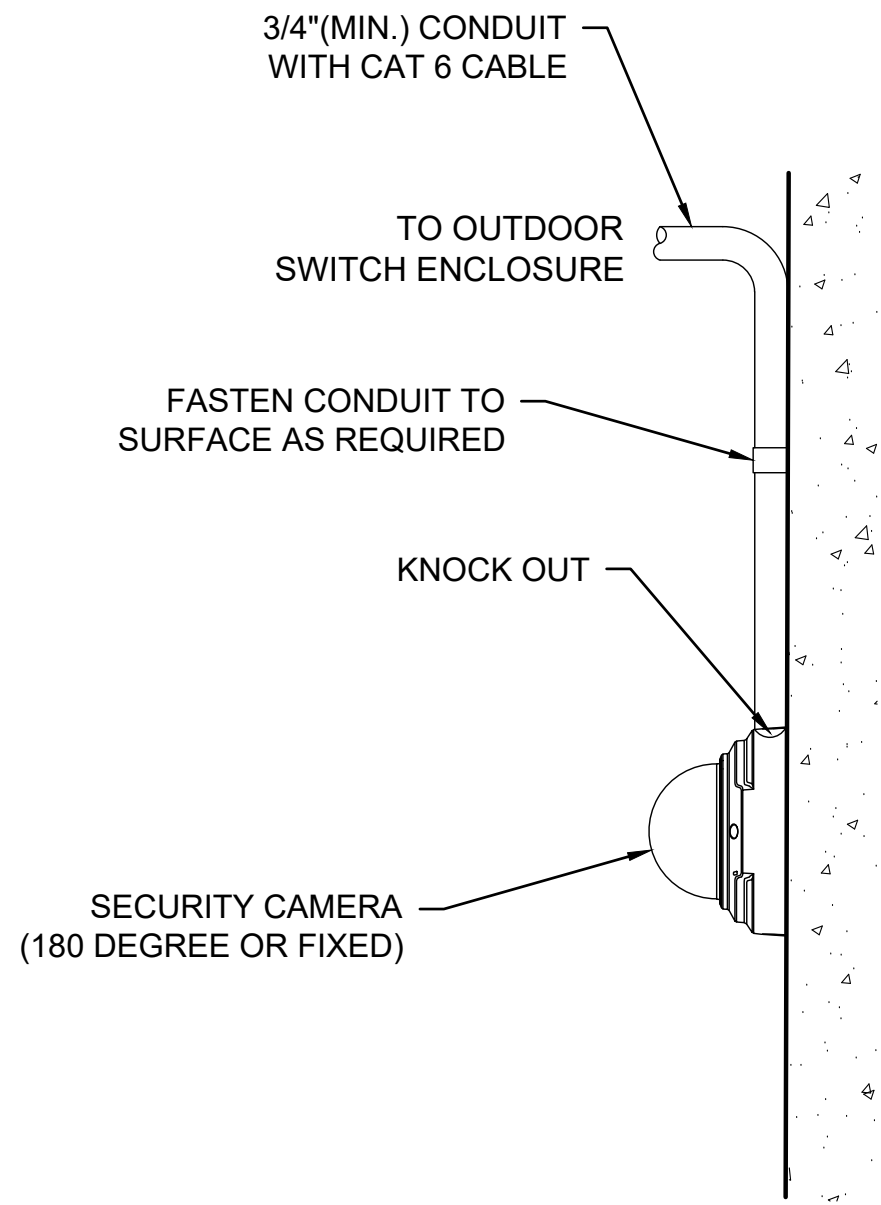
04/15/2026

SHEET:

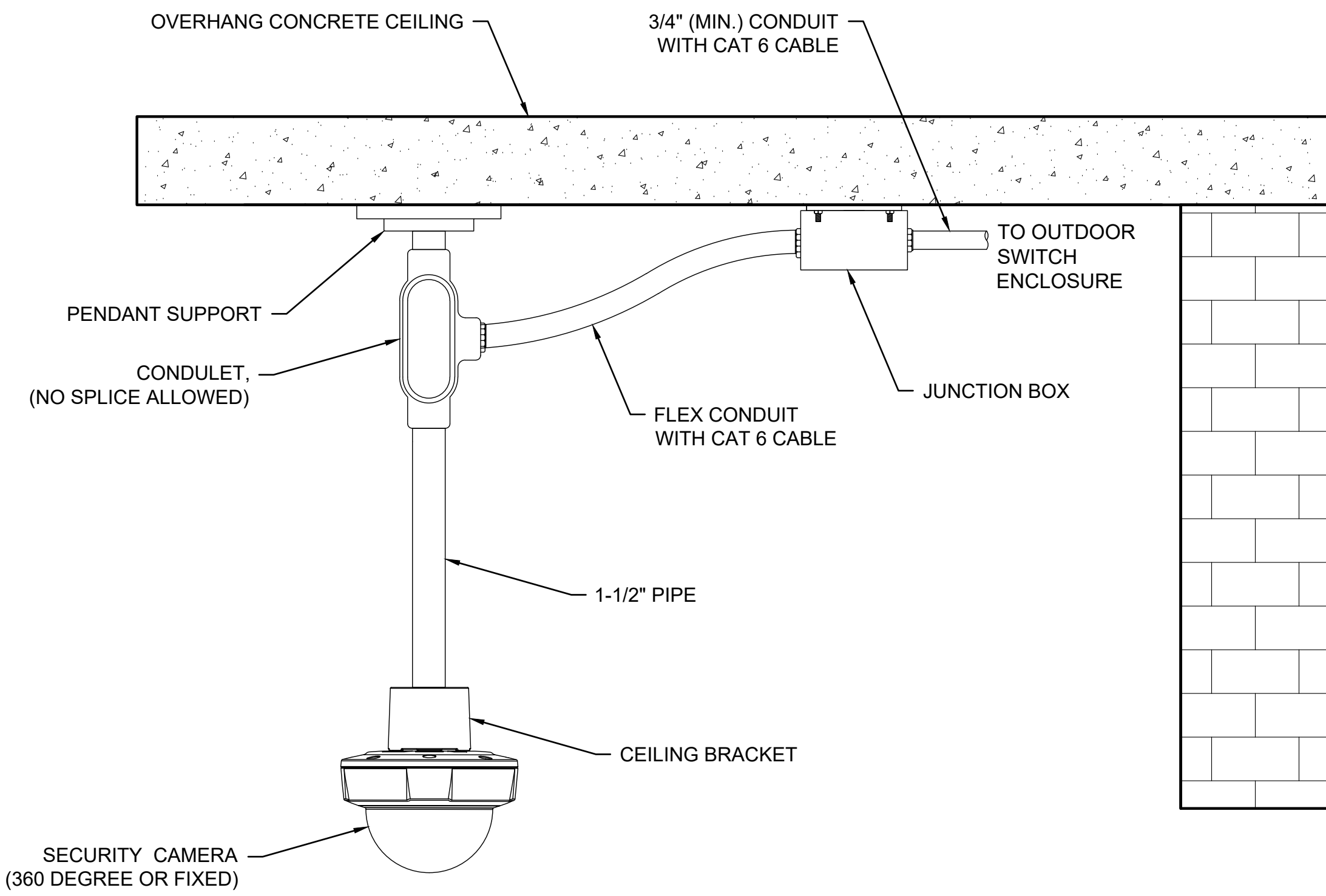
36 OF 36 SHTS

DWG. NO.

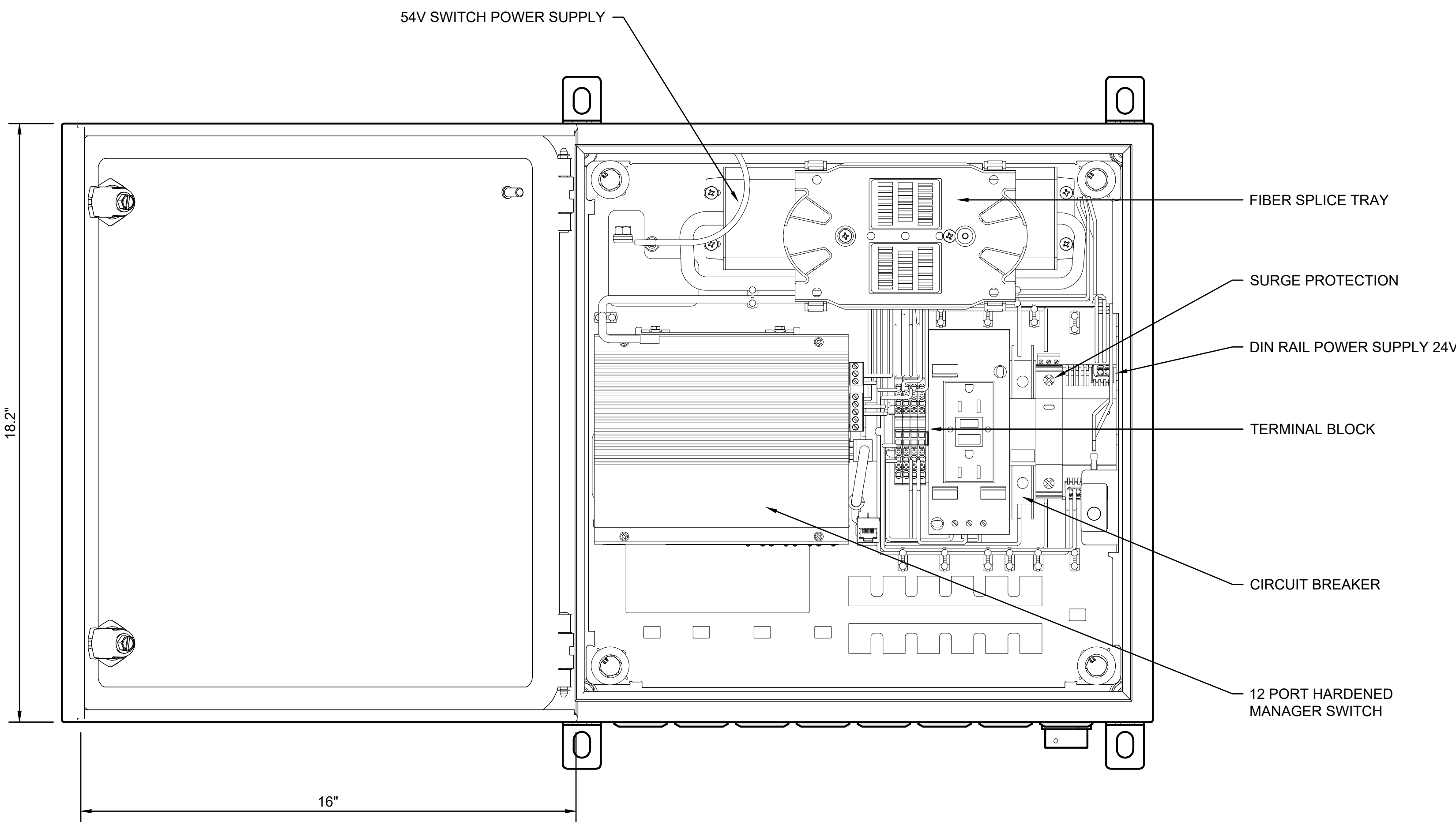
TY-401



A SURFACE MOUNT - SECURITY CAMERA DETAIL
N.T.S



B CEILING MOUNT - SECURITY CAMERA DETAIL
N.T.S



1 OUTDOOR SWITCH ENCLOSURE DETAIL
N.T.S

SECURITY CAMERA SCHEDULE

CAMERA NO.	DRAWING NO.	CABINET LOCATION	FIELD OF VIEW	DEVICE TYPE	MOUNT TYPE	DETAIL
OGG-PID-180CAM-01	TY-101	ELECTRICAL ROOM D121	PASS & ID AND DROP / PICK UP ROAD	180 DEGREE CAMERA	SURFACE MOUNTED	A
OGG-PID-180CAM-02	TY-102	ELECTRICAL ROOM D121	OPEN PARKING	180 DEGREE CAMERA	SURFACE MOUNTED	A
OGG-PID-360CAM-01	TY-101	ELECTRICAL ROOM D121	VIP PARKING, EXISTING PARKING, CORRIDOR IN FRONT OF FUTURE TRAINING ROOM	360 DEGREE CAMERA	CEILING MOUNTED	B
OGG-PID-FXCAM-01	TY-101	ELECTRICAL ROOM D121	STAIRS / ESCALATOR	FIXED CAMERA	CEILING MOUNTED	B
OGG-PID-FXCAM-02	TY-101	ELECTRICAL ROOM D121	CORRIDOR TO BAGGAGE CLAIM	FIXED CAMERA	SURFACE MOUNTED	A

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