

MITSUNAGA & ASSOC.
 DESIGNED BY
 HWY-DD
 MANAGED BY
 808-692-7570
 PHONE
 AUGUST 2025
 DATE

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CONSULTANT DIRECTORY

ARCHITECT: MITSUNAGA AND ASSOCIATES, INC.
747 AMANA STREET, SUITE 206
HONOLULU, HAWAII 96814
PHONE: 808-945-7882
FAX: 808-946-2563

MECHANICAL: MCE INTERNATIONAL, INC.
1360 S. BERETANIA STREET, SUITE 400
HONOLULU, HAWAII 96814
PHONE: 808-941-0055

ELECTRICAL: NAKAMURA OYAMA & ASSOCIATES, INC.
1314 S. KING STREET, SUITE 401
HONOLULU, HAWAII 96814
PHONE: 808-591-8887
FAX: 808-596-2383

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII

PLANS FOR
HDOT PUNCHBOWL OFFICE
RENOVATION
PROJECT NO. HWY-02-27M

DISTRICTS OF HONOLULU
ISLAND OF OAHU

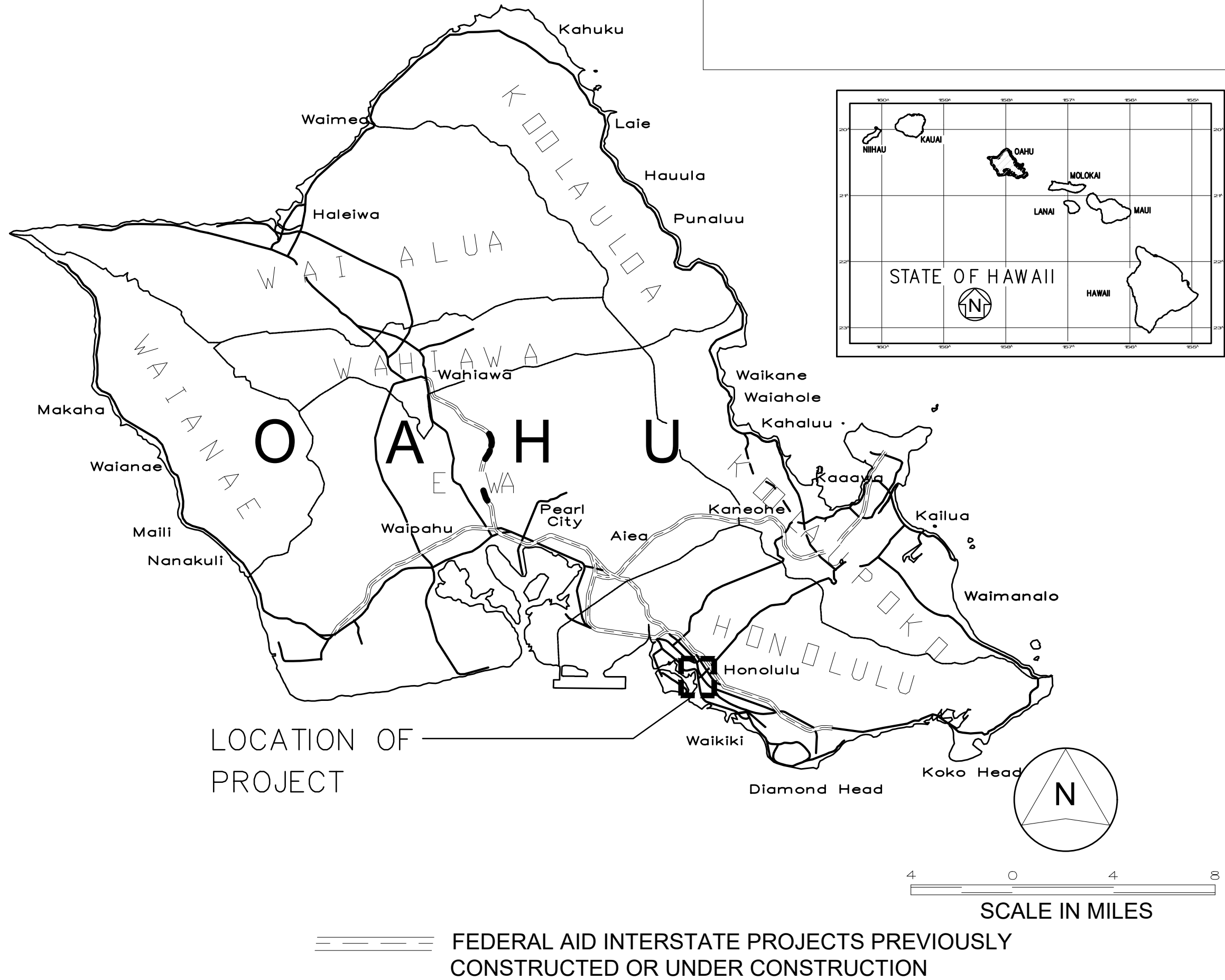
CITY AND COUNTY OF HONOLULU
REVISED ORDINANCE CHAPTER 32,
HONOLULU COUNTY CODE 1990, AS AMENDED

To the best of my knowledge, this project's design substantially conforms to the
Building Energy Conservation Code for:

☒ Building Component Systems
☐ Electrical Component Systems
☐ Mechanical Component Systems

Signature: Steven D. Wong Date: 04/12/2026
Name: STEVEN D. WONG, AIA, DBIA
Title: PROJECT ARCHITECT
License No.: AR-4646

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2024	1	16



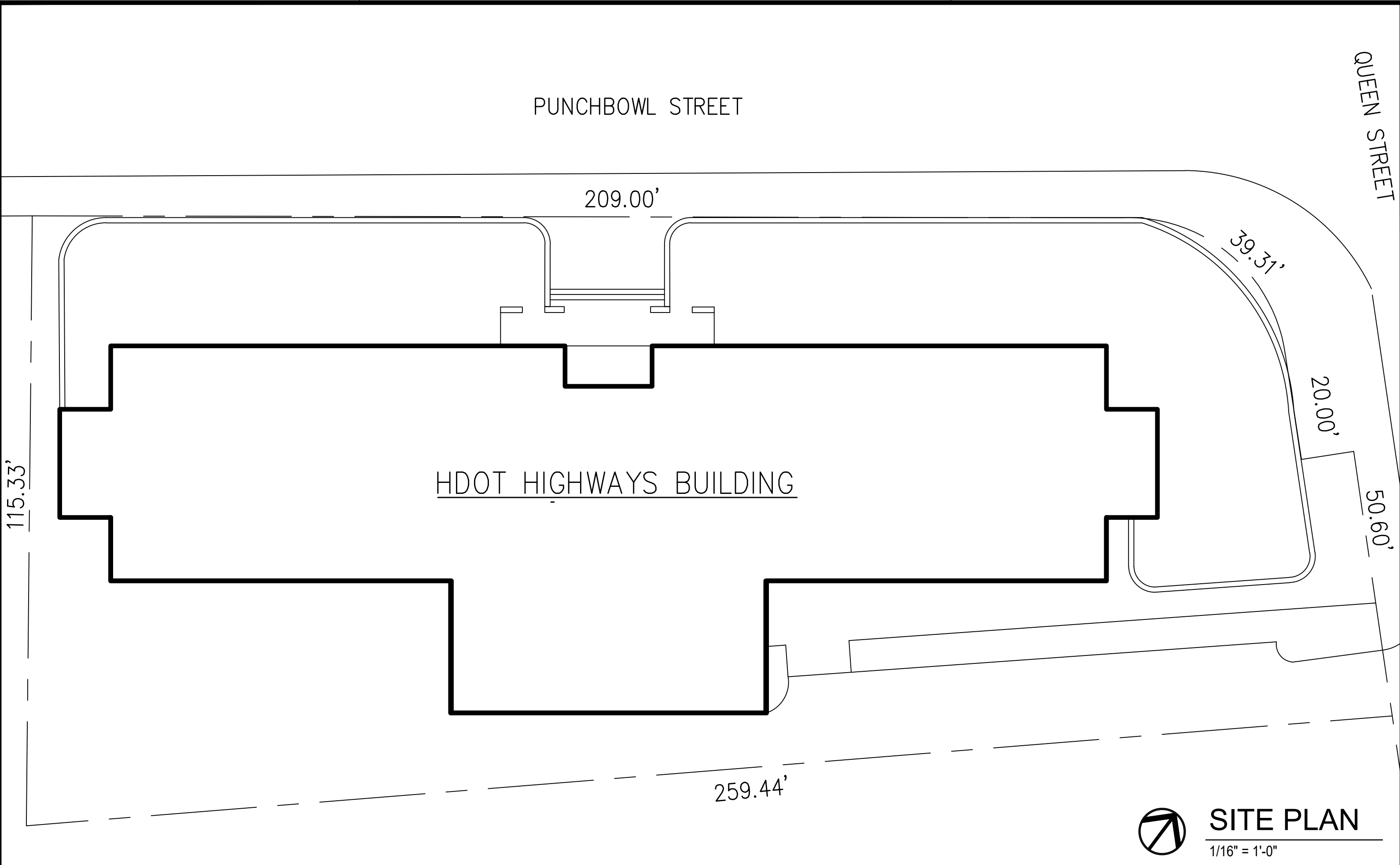
HDOT PUNCHBOWL OFFICE
RENOVATION

869 PUNCHBOWL ST.
HONOLULU, HI 96813
TMK: 2-1-031:12



DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED: Steven D. Wong Aug 18, 2026
DIR. OF TRANSPORTATION DATE



CODE DATA

Land Use and Code Data:

Land Use:
Address: 869 Punchbowl Street
Honolulu, Hawaii 96813
Tax Map Key: 2-1-031:12
Zoning: Use - Public/Quasi-Public
Land Area: 25,870 SF
Zoning Class/Desg: Hawaii Capital Special District
Kakaako Community Development District (Admin. by HCDA)

BuildingCode:
Current Code: Applicable Current Code - 2018 IBC
Project May Be Reviewed Under
Current 2018 IECC
(Interior Renovation Only- Partial 5th Floor)

Occupancy: B
Allowable area: 36,000 S.F. (Sprinklered)
Actual area: N/A (Work is an interior renovation and will not be adding to sf)
Allowable height: N/A
Actual height: N/A (Work is an interior renovation and will not affect height.)

ORIGINAL PLAN	DATE	
	DESIGNED BY	DATE
NOTE BOOK	TRACED BY	
	DESIGNED BY	DATE
No.	QUANTITIES BY	
	CHECKED BY	DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	2	16

GENERAL NOTES:

- All Work Shall Conform To The 2018 IBC w/Honolulu Amendments And 2018 IECC.
- Since This Is A Renovation Project, It Shall Be The Sole Responsibility Of The Contractor And His Subcontractors To Visit The Site Of Work To Fully Familiarize Themselves To The Extent And Intent Of The Work Shown And Described Herein. The Contractor Shall Also Verify All Dimensions, and Existing Conditions, Whether Shown Or Not, Prior To Starting The Work.
- The Contractor Shall Notify And Coordinate With The Engineer, Any Major Deviations From These Plans Due To Unforeseen Or Varying Field Conditions.
- Any Changes Or Modifications Shall Be Approved In Writing By The Engineer Prior To The Commencement Of New Or Additional Work.
- Unless Otherwise Specified, All Details And Dimensions Are Typical.
- All Work Shown Shall Be Considered New Work. All Materials Incorporated In This Project Shall Be New Materials Unless Otherwise Specified.
- Any Damage Done To The Existing Structure And Finishes Which Are To Remain, Including All Areas Or Surfaces Where Demolition Occurs, Shall Be The Contractor's Responsibility To Repair And Refinish At No Cost To The City. At A Minimum, The Level Of Finish And Materials Shall Match Pre-existing Conditions.
- Remove And Reinstall Communications And Data Wiring And Accessories, Conduit, Etc. As Required If It Is Affected By The New Work.
- All Existing Equipment Damaged Due To Construction Activity Shall Be Repaired Or Replaced At No Additional Cost To The State And To The Satisfaction Of The Engineer.
- It Is The Contractor's Responsibility To Keep The Building Watertight Throughout The Duration Of Construction. Any Water Damage To The Interior Of The Building And/or Equipment Shall Be Repaired Or Replaced At No Additional Cost And To The Satisfaction Of The Engineer.
- The Contractor Shall Protect All Existing Electrical And Utility Lines, Which Are To Remain Free From Damage During The Progress Of The Work. Any Damage Due To Construction Activity Shall Be Repaired At No Additional Cost to the State And To The Satisfaction Of The Engineer.
- Execute All Work In An Orderly And Careful Manner With Due Consideration Of Existing Structure Or Surfaces Which Are To Remain.
- All Remedial Repair Work To Existing Conditions In The Area Of New Work Shall Be Included As Part Of This Contract.
- The Contractor Shall Coordinate All Work With The Engineer. The Contractor Must Give Written Notice To The Engineer For Any Deviation To The Established Construction Schedule.
- Construction Related Dust:

Dust Related To Construction Is A Concern For Adjacent Spaces. The Contractor Shall Ensure That Dust & Other Air Pollutants Are Controlled To The Greatest Extent Practical In Accordance With Applicable Ordinances, Codes And Regulations. The Contractor Shall Be Required To Take Dust Preventive Measures Which May Be Necessary To Restrict The Transmission Of Excessive Fugitive Dust Emissions Respectively.

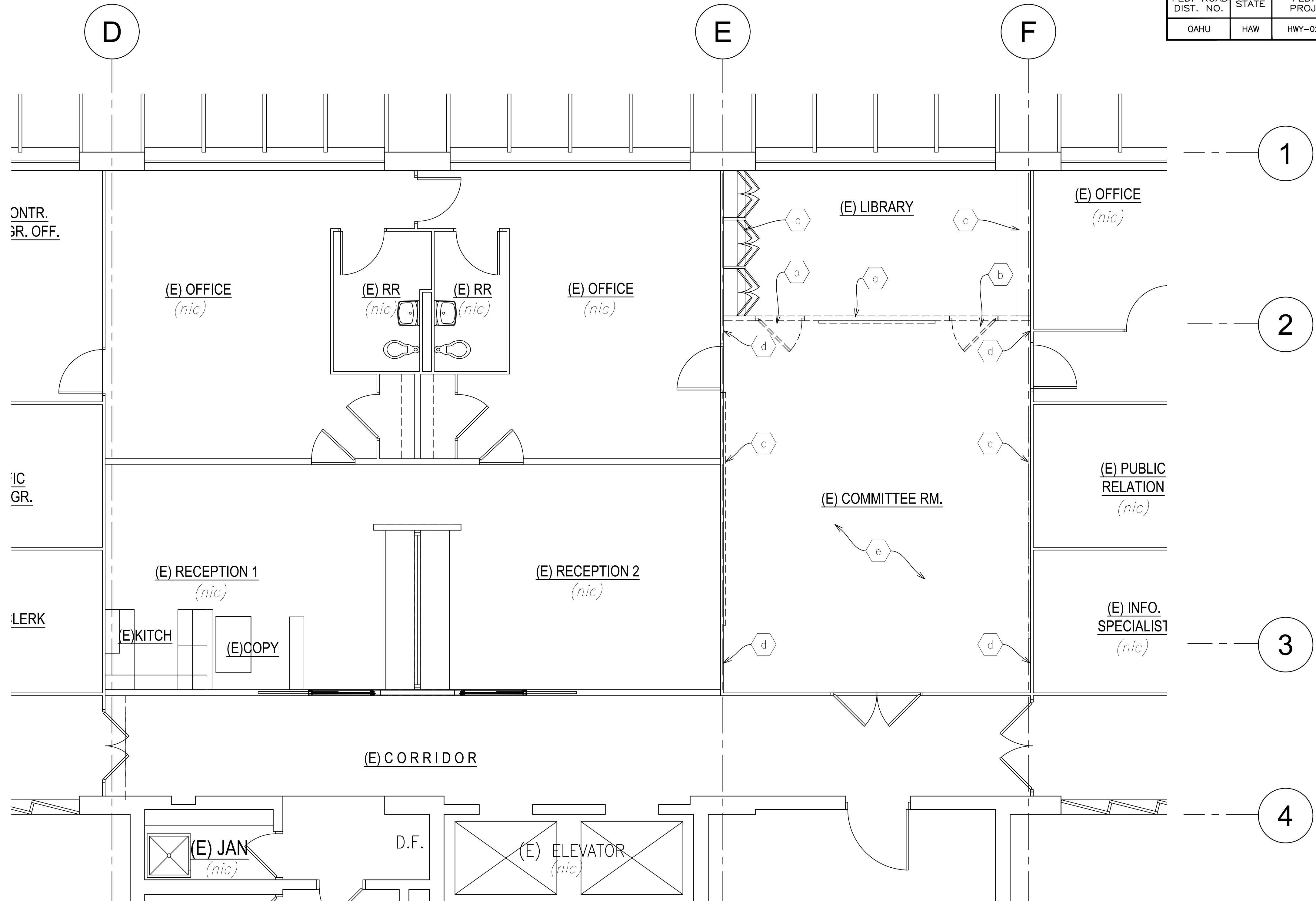
16. Dust Mitigation
No Person Shall Cause Or Permit Visible Fugitive Dust To Become Airborne Without Taking Reasonable Precautions. Excessive Fugitive Dust Emissions Control May Include, But Not Necessarily Be Limited To, The Following:
(1) Take All Precautions Necessary To Prevent Fugitive Dust And / Or Fugitive Fibers From Existing.
(2) Provide Temporary Dust Barriers.
(3) Any Other Fabrics Or Plastic Films Used Shall Be Certified As Conforming To The Requirements Of Test Method #2 Contained In NFPA 701, Standard Method Of Fire Tests For Flame Propagation Of Textiles And Films.
- The Contractor Shall Clean And Prepare All New And Existing Surfaces As Required To Receive New Work Or As Otherwise Required For A Neat And Finished Appearance.
- At The End Of Each Work Day, The Contractor Shall Clean And Remove From The Premises, All Debris Accumulated From Operation.
- The Contractor Shall Barricade The Construction Area To Ensure The Safety Of The Public. The Contractor Shall Submit A Barricade Plan To The Engineer For Approval Before Proceeding With The Work.
- All Work Shall Be New Unless Noted As Existing. All Existing Conditions Are To Remain.
- Furniture Relocation Note: Contractor Shall Conduct an Inventory of all Movable Furniture and Contents Inside the (e) Rooms Prior to the Submitting of Bid for the Renovation Work.
- Remove all art work/wall hanging and return to Contracting Officer.



This work was prepared by me or under my supervision
Steven D. Wong
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2028
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION 2530 LIKELIKE HIGHWAY HONOLULU, HI 96819 TMK: 1-4-022-014:0000	
COMPLETE INDEX TO DRAWINGS, & CODE DATA	
DOT DIRECTOR OFFICE RENOVATION Project No.	
Scale: NTS	Date: August 2026
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	3	16



A
A001A001 ENLARGED FLOOR PLAN-DEMOLITION (PARTIAL 5TH FLOOR)
Scale: 1/4" = 1'-0"

LEGEND

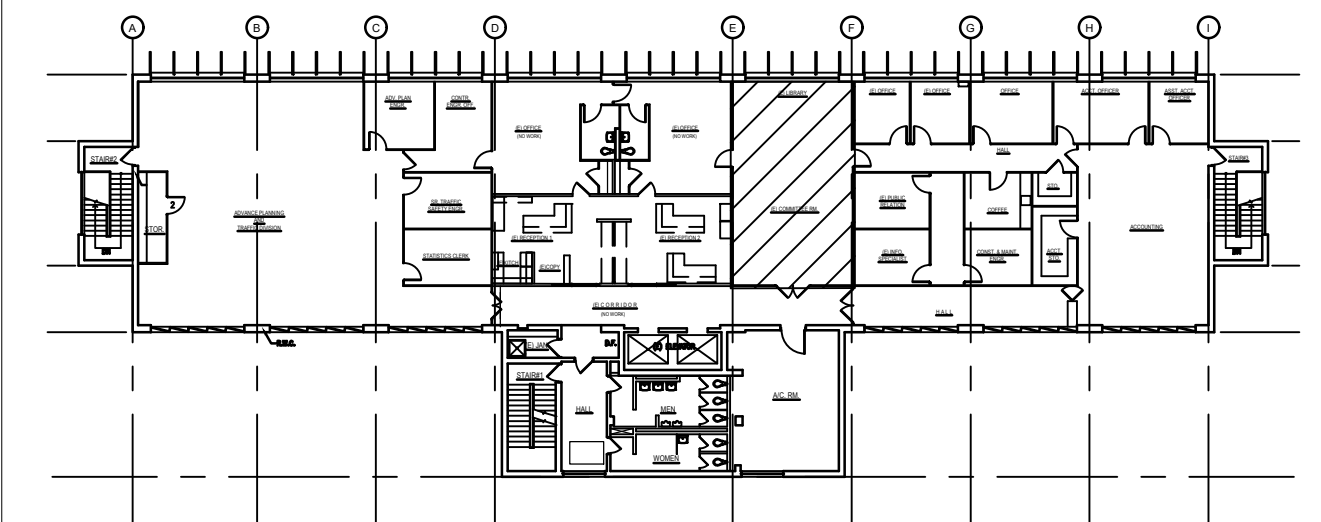
----- or \\\\\\\\\\\, = demo

demolition key notes
(all key notes may not apply to this sheet)

- a** Demolish (e) wall. Remove Fire Alarm Signal, Outlets, Junction boxes, light switches, and other appurtenances, to be relocated. See electrical.
- b** Remove (e) door and threshold.
- c** Remove (e) moveable or fixed furniture, cabinets, boards, etc. Check with Contracting Officer if to be reused.
- d** Remove (e) wall paneling on Committee Room side, wall beyond to remain.
- e** Remove (e) carpet and any residues.

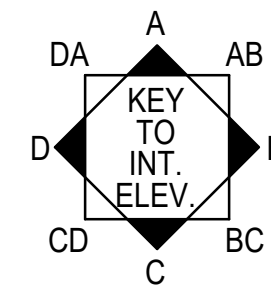
general notes

- Remove and return pictures to Contracting Officer.
- Clear out room entirely and remove and return all existing furniture and equipments to Contracting Officer.
- Front wall's (entry door wall) wood paneling to remain.

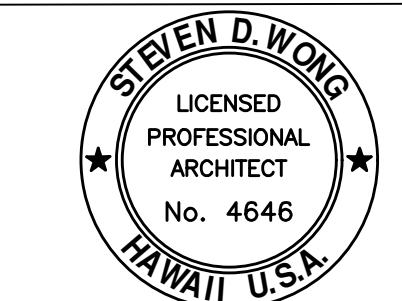


KEY PLAN

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	



4 3 2 1 0 4 8FT
SCALE: 1/4" = 1'-0"



This work was prepared by me or under my supervision
Steven D. Wong
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2028
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

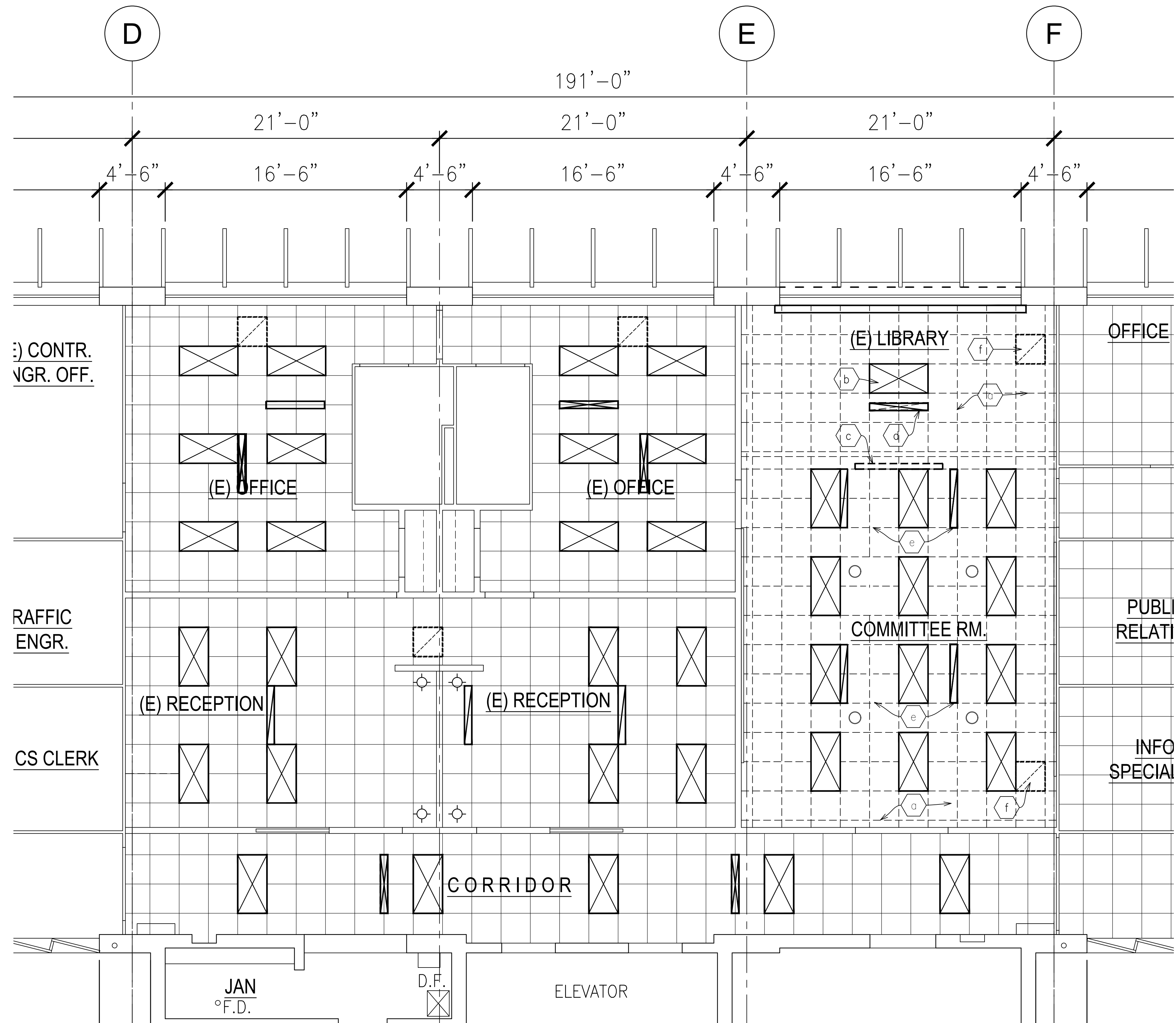
OVERALL FLOOR PLAN - DEMOLITION

DOT DIRECTOR OFFICE RENOVATION

Project No.
Scale: 1/4" = 1'-0" Date: August 2026

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	4	16



RCP LEGEND

- demo scope
- (e)gyp bd
- (e)gyp bd drop soffit
- (e)2x2 act
- (e)access panel
- (e)fire sprinkler (see fs plans)
- Or (e)light fixture (see elec plans)
- Or (e)hvac (see mech plans)

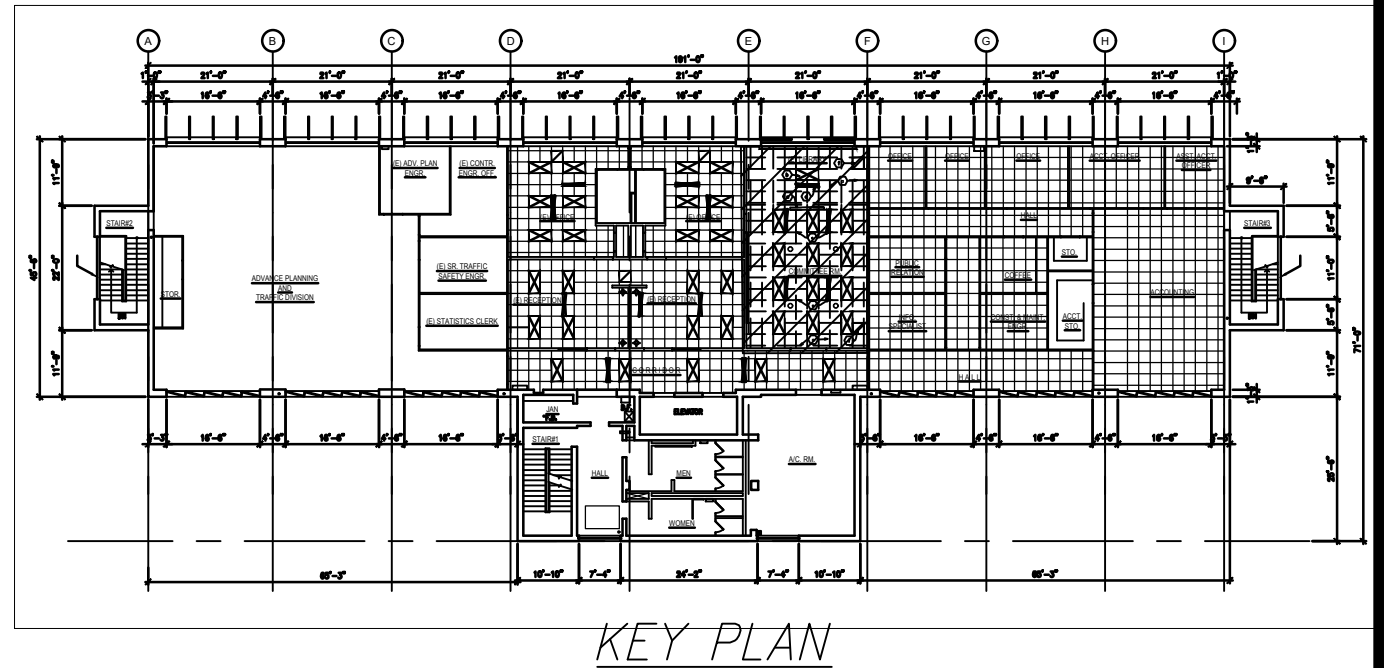
LEGEND

--- or // = demo

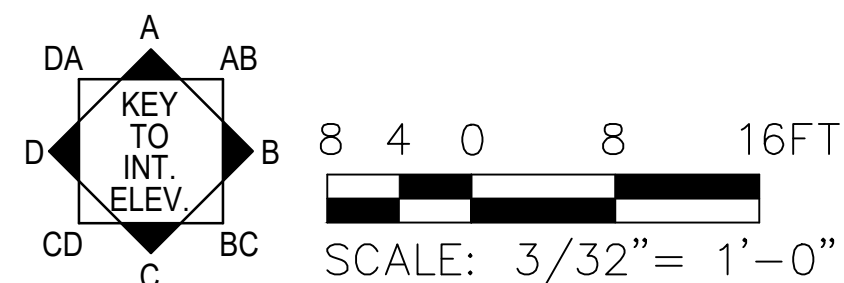
demolition key notes

(all key notes may not apply to this sheet)

- Remove and dispose of ceiling grid and ceiling tiles.
- Remove existing light fixture, see electrical.
- Remove existing projection screen.
- Remove and dispose of diffuser
- Remove and relocate existing linear slot diffuser, see mech.
- Remove and relocate existing return air register, see mech.



ENLARGED REFLECTED CEILING PLAN - DEMOLITION (PARTIAL 5TH FLOOR)
A002/A002 Scale: 1/4" = 1'-0"



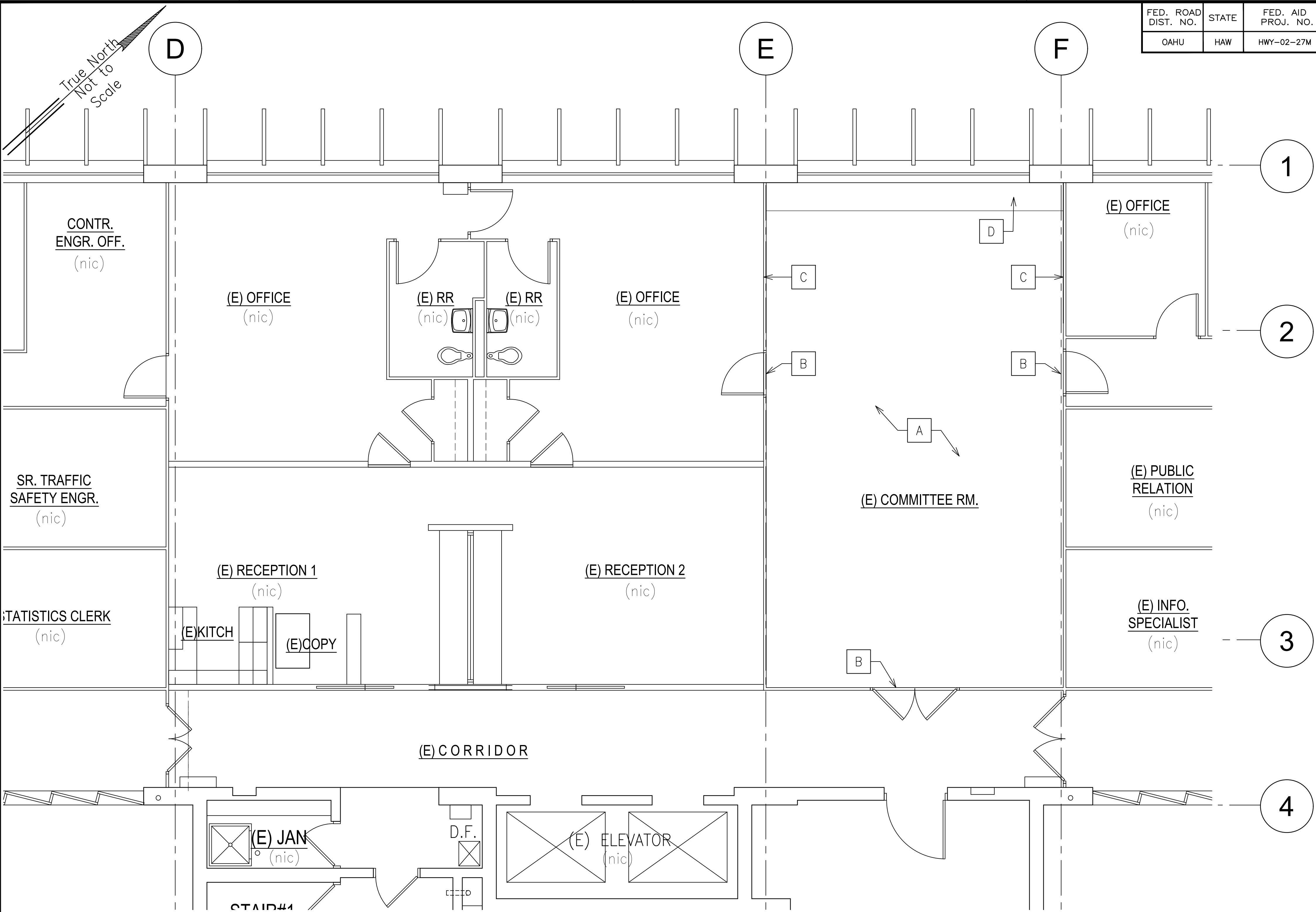
This work was prepared by me or under my supervision
Steven D. Wong
MITSUNAGA & ASSOCIATES, INC. 4/20/2028
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

OVERALL RCP - DEMOLITION

DOT DIRECTOR OFFICE RENOVATION

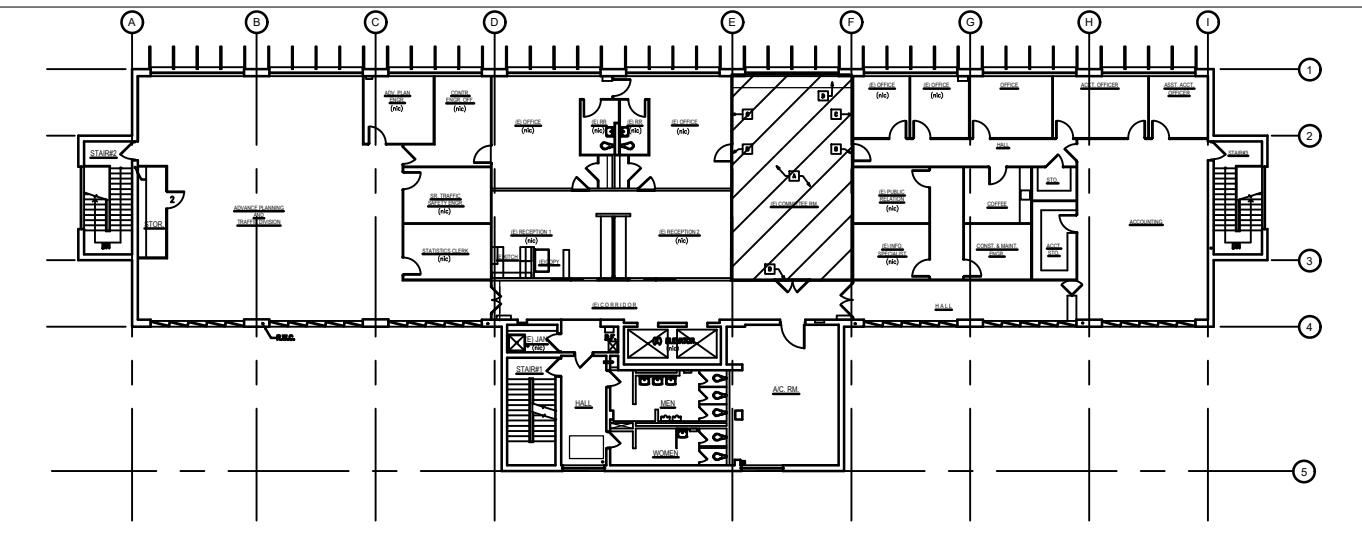
Project No. _____
Scale: 3/32" = 1'-0" Date: August 2026
SHEET No. 1 OF 1 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	5	16

Renovation Key Notes
All Key Notes May Not Apply To This Sheet)
For Remainder Key Notes, See Sheet ###

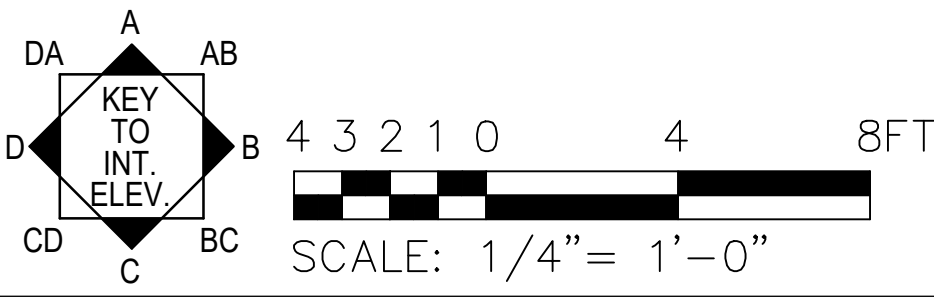
- A** New carpet tiles, see specifications.
- B** New door threshold, see specifications.
- C** Properly prepare walls and paint all exposed bare vertical surfaces.
- D** New cabinets, see details.



KEY PLAN

ENLARGED FLOOR PLAN – RENOVATION (PARTIAL 5TH FLOOR)
A003/A003 Scale: 1/4" = 1'-0"

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



STEVEN D. WONG
LICENSED PROFESSIONAL ARCHITECT
No. 4646
HAWAII U.S.A.

This work was prepared by me or under my supervision

MITSLUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2028

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

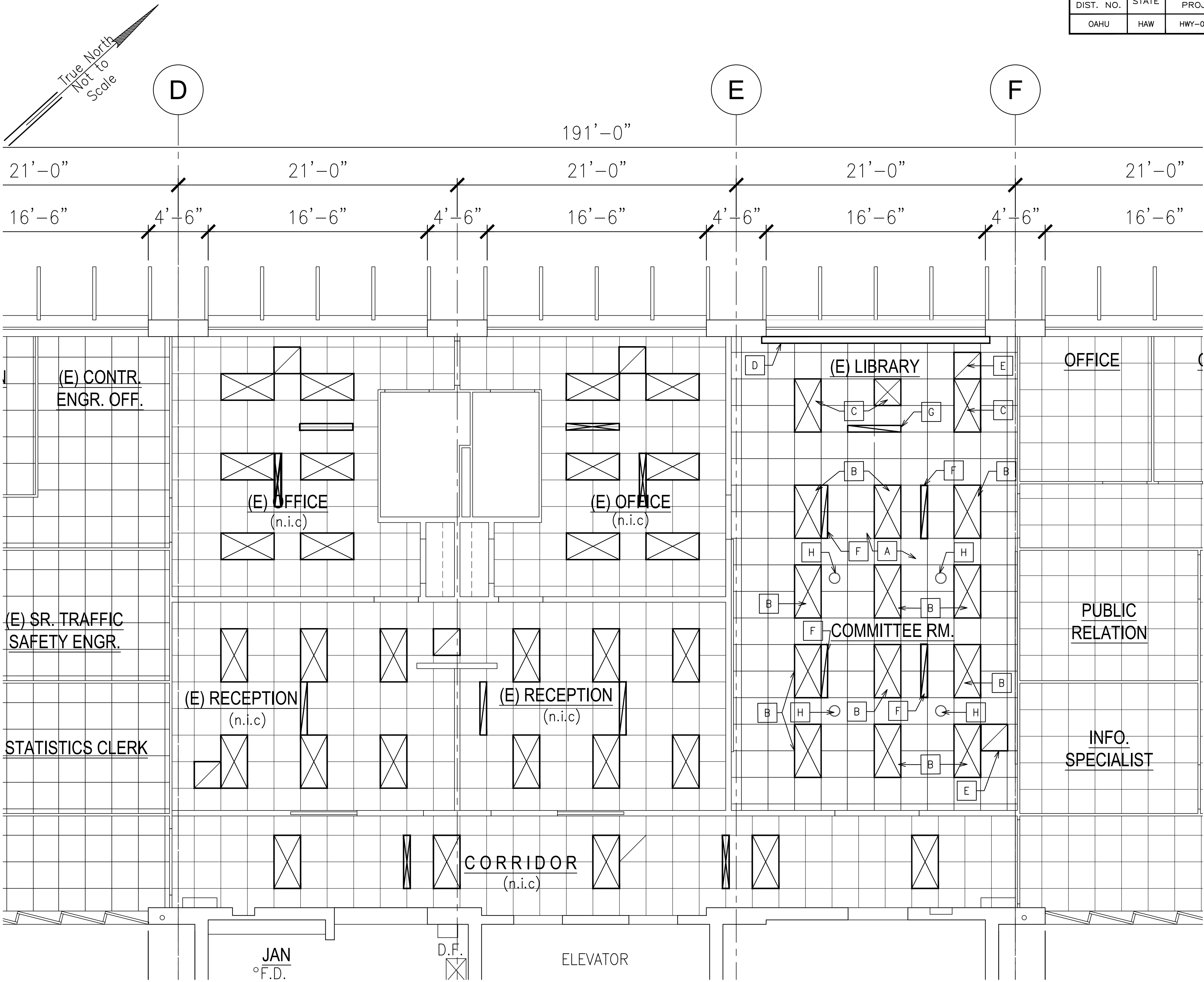
FLOOR PLAN – RENOVATION

DOT DIRECTOR OFFICE RENOVATION

Project No.
Scale: 3/32" = 1'-0" Date: August 2026

SHEET No. 1 OF 1 SHEETS

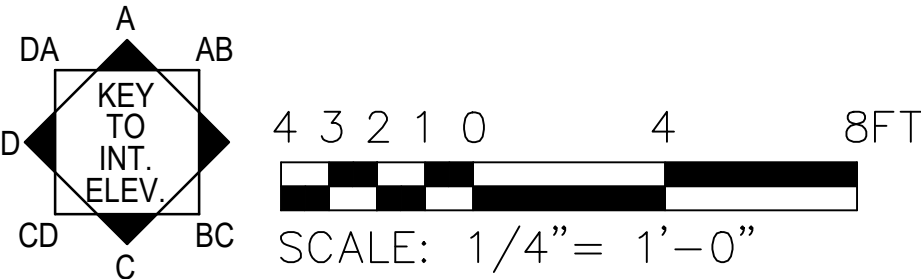
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	6	16



- Renovation Key Notes**
- All Key Notes May Not Apply To This Sheet
- A** New Ceiling Tiles and grids per Specifications.
 - B** Clean and Relamp Light Fixtures in Reception and Committee Room, see electrical.
 - C** New Light Fixtures, see electrical.
 - D** Recessed Tracks for drapes.
 - E** Reinstall existing return air register, see mechanical.
 - F** Reinstall existing supply linear slot diffuser, see mechanical.
 - G** New supply linear slot diffuser, see mechanical.
 - H** Reinstall recessed light fixture.

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

REFLECTED CEILING PLAN – RENOVATION (PARTIAL 5TH FLOOR)
A004/A004 Scale: 1/4" = 1'-0"



SEVEN D. WONG
LICENSED PROFESSIONAL ARCHITECT
No. 4646
HAWAII U.S.A.

This work was prepared by me or under my supervision

MITSUNAGA & ASSOCIATES, INC. EXP. DATE 08/2028

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

REFLECTED CEILING PLAN
RENOVATION

DOT DIRECTOR OFFICE RENOVATION

Project No.
Scale: 3/32" = 1'-0" Date: August 2026

SHEET No. 1 OF 1 SHEETS

Architectural drawings of four walls (Wall A, Wall B, Wall C, Wall D) showing proposed and existing conditions. The drawings include labels for existing conditions (e) and proposed conditions (p).

- Wall A:** A 9'-6" high wall. Existing conditions (e) include a concrete wall, concrete columns beyond the wall, and a window and frames to remain. Proposed conditions (p) include a new window and frames to remain.
- Wall B:** A wall with a wood bookshelf. Existing conditions (e) include the wood bookshelf. Proposed conditions (p) include a new wood bookshelf.
- Wall C:** A wall with a window and a door. Existing conditions (e) include the window and door. Proposed conditions (p) include a new window and door.
- Wall D:** A wall with cabinets. Existing conditions (e) include the cabinets. Proposed conditions (p) include a new set of cabinets.

(All Key Notes May Not Apply To This Sheet)

-
- 9'-6"
- Wall A
- Wall B
- Wall C
- Wall D
- COMMITTEE ROOM
- (e) door to remain
- (e) wd. wall base to remain.
- (e) clock. to remain
- (e) trim to remain.
- (e) wall paneling to remain.
- (e) door and frame to remain
- (e) wd. wall base to remain.

INTERIOR ELEVATIONS – DEMOLITION

5 Scale: $1/4" = 1'-0"$



STEVEN D. WONG
LICENSED
PROFESSIONAL
ARCHITECT
No. 4646
HAWAII U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2550 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

INTERIOR ELEVATION – DEMOLITION

DOT DIRECTOR OFFICE RENOVATION



4/28/2028
MITSUNAGA & ASSOCIATES, INC. EXP. DATE

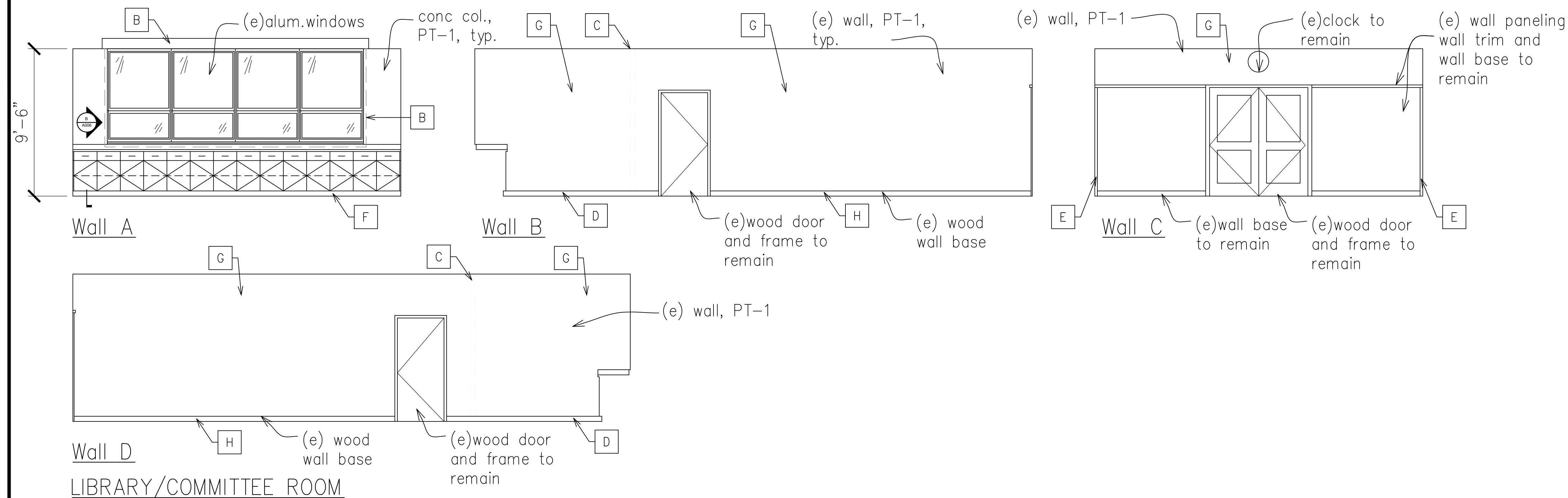
Project No.

Scale: 1/4" = 1'-0" Date: August 2025

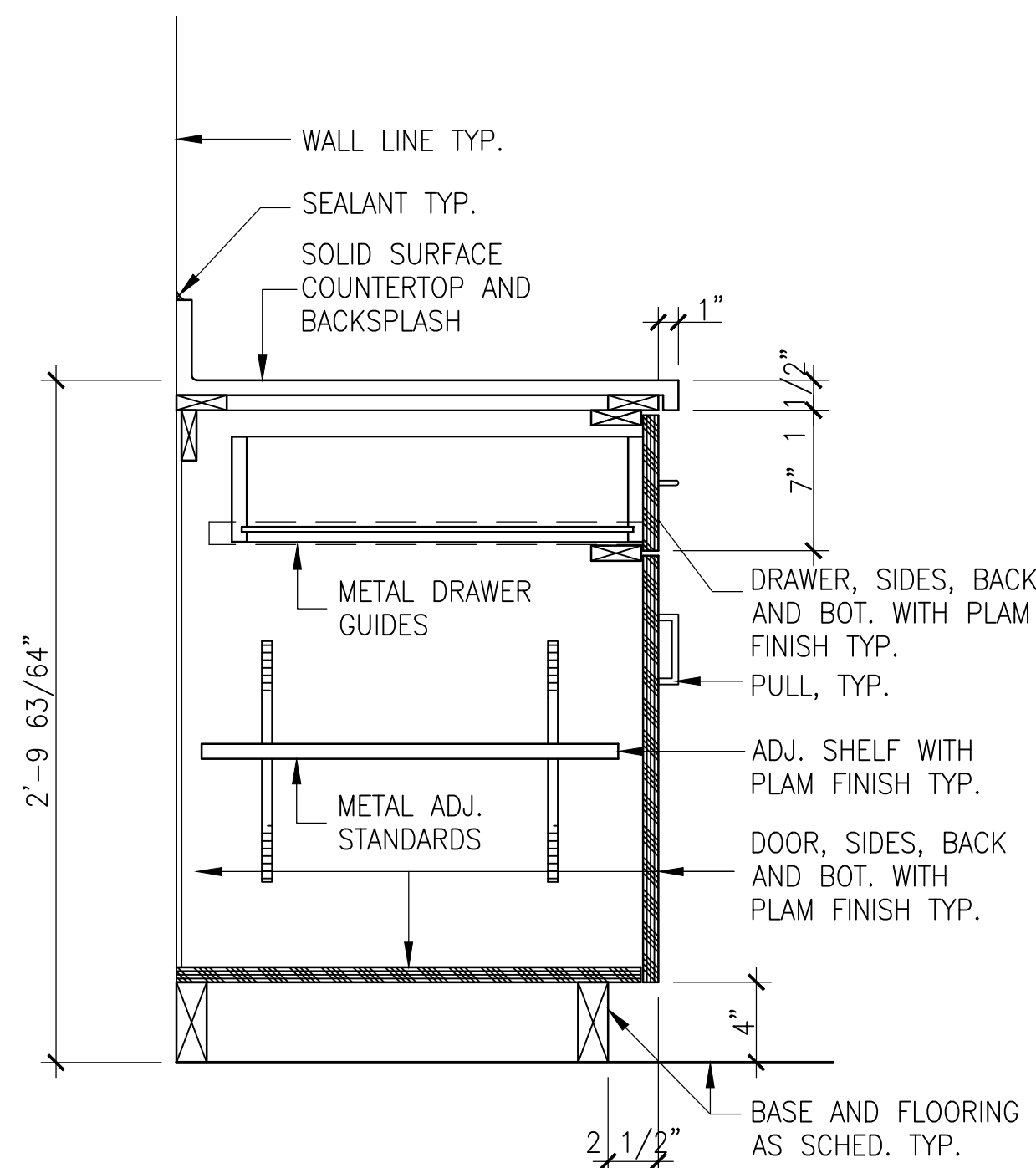
SHEET No. 1 OF 1 SHEETS

A005

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	8	16



INTERIOR ELEVATIONS-RENOVATIONS
A006/A006 Scale: 1/4" = 1'-0"



CABINET DET.
B006/A006 Scale: 1-1/2" = 1'-0"

COLOR & MATERIAL SCHEDULE							
Tag	Material	Location	Manufacturer	Pattern/Style	Color/Finish	Size	Notes
ACT-1	ACOUSTICAL CEILING TILE	THROUGHOUT	ARMSTRONG	ULTIMA, BEVELED TEGULAR 1911	WHITE, WH	24"x24" x 3/4"	GRID: PRELUDE XL, 15/16"
CPT-1	CARPET TILE	THROUGHOUT	MOHAWK	LINEAR EFFECT, BT589	INKY BLUE, 565	24"x24"	QUARTER TURN INSTALLATION
PL-1	PLASTIC LAMINATE	CABINETS	FORMICA	---	COCO TAMARIND, 9043-NG	---	
PT-1	PAINT	FIELD WALL PAINT	SHERWIN WILLIAMS	---	PORCELAIN, SW0053	---	
RB-1	RUBBER BASE	THROUGHOUT	BURKE	TYPE TS	STERLING GRAY, 850	4" HIGH	
RS-1	ROLLER SHADES	THROUGHOUT	DRAPER	CLUTCH-OPERATED FLEXSHADE	TBD	---	
SS-1	SOLID SURFACE	COUNTERTOPS	CORIAN	---	LAVA DRIFT	---	

FINISH SCHEDULE
C006/A006 Scale: 1-1/2" = 1'-0"

Renovation Key Notes

All Key Notes May Not Apply To This Sheet

- A Glass partition wall and door system.
- B New Window Shade with recessed track, see specifications.
- C Patch wall, match adjacent surface, typ.
- D New wood trim base, match adjacent.
- E New wood trim to match adjacent.
- F New Cabinets, see details.
- G Smooth existing wall texture and prepare surface for painting, per Specifications.
- H Remove, salvage and reinstall wood base.

- NOTES:
- Remove and store moveable furniture. Check with Contracting Officer on where to locate furniture after removal.
 - Remove and return all framed pictures, equipments and other miscellaneous items to Contracting Officer.
 - Patch and repair wall where existing wall is removed.
 - Properly prepare all walls to be painted per Specifications..
 - Existing wall base to remain, UON.



STATE OF HAWAII
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2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

INT ELEV RENOVATION
FIN SCH

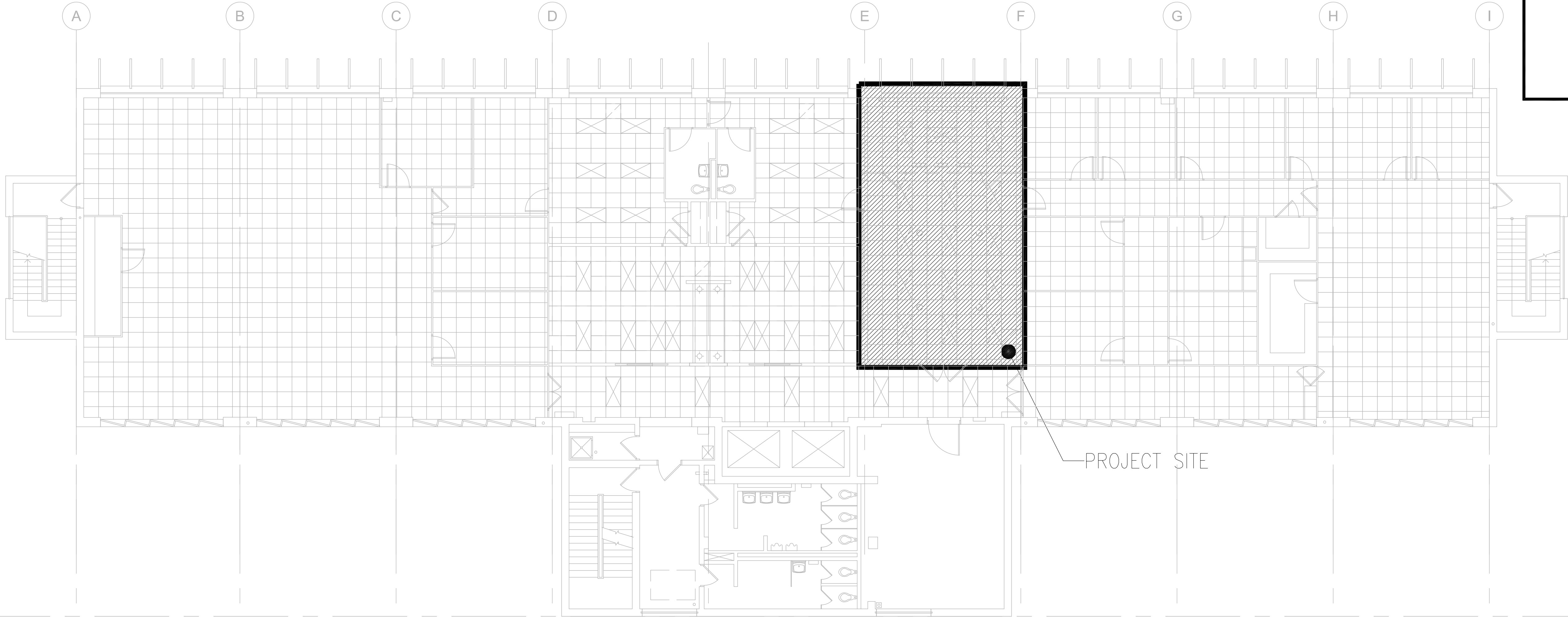
DOT DIRECTOR OFFICE RENOVATION

Project No.
Scale: 1/4" = 1'-0" Date: August 2025

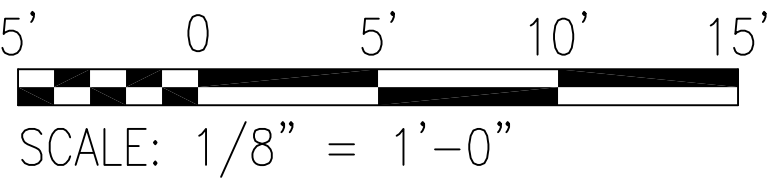
SHEET No. 1 OF 1 SHEETS

4 3 2 1 0 4 8FT
SCALE: 1/4" = 1'-0"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	9	16



1 SITE PLAN - 5TH FLOOR
M001 SCALE: 1/8" = 1'-0" NORTH



MECHANICAL GENERAL NOTES

- CONFORM TO ALL LAWS AND REGULATIONS OF STATE OF HAWAII AND AND CITY AND COUNTY OF HONOLULU, IBC 2018 AND 2021 NFPA 1 STANDARDS. OBTAIN AND PAY FOR ALL PERMITS, LICENSES FOR ALL CONNECTION AND TESTING COST FOR THE WORK.
- INVESTIGATE THE CONTRACT DOCUMENTS AND MAKE PROPER PROVISIONS TO AVOID INTERFERENCES OF CONSTRUCTION DELAYS. DETERMINE THE EXACT ROUTE OF EACH PIPE AND DUCTWORK. MAKE OFFSETS AND CHANGES IN DIRECTION REQUIRED TO ACCOMMODATE THE STRUCTURE.
- DESIGN DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OF DESIGN ONLY. CLOSE COORDINATION OF ALL WORK IS CRITICAL. MINOR REARRANGEMENT OF PIPES AND DUCTWORK IS PART OF THIS WORK.
- CONTRACTOR SHALL PROVIDE NECESSARY OFFSETS AND FITTINGS FOR THE DUCT AND PIPING RISERS THRU THE FLOORS AND ROOF TO AVOID BEAM. VERIFY STRUCTURAL DRAWINGS.
- ALL CONSTRUCTION SHALL CONFORM TO THE 2021 IBC AND THE LATEST CITY & COUNTY OF HONOLULU/STATE OF HAWAII AMENDMENTS AND ORDINANCES.
- FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL CONFORM TO 2021 NFPA 1.
- CONTRACTOR SHALL LAYOUT ALL MECHANICAL EQUIPMENT, PIPING AND DUCTWORK.
- SHOULD THERE BE ANY QUESTION OR DISCREPANCIES IN THE DESIGN, THE CONTRACTOR SHALL BRING IT TO THE ENGINEER'S ATTENTION FOR RESOLUTION.
- PROVIDE 1" THK. INSULATION ON REFRIGERANT AND CONDENSATE LINES WITH MAXIMUM CONDUCTIVITY OF 0.27 BTU/IN/H. SF. °F PER ROH 32 (IECC 503.2.8) AND 2021 UPC 101.5.2

BWS NOTES:

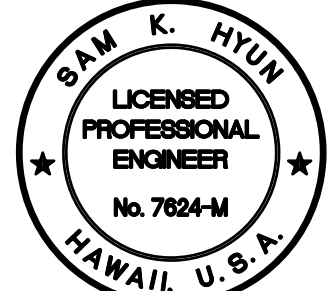
- AIR CONDITIONING WORK WILL NOT AFFECT WATER DEMAND.
- IRRIGATION WILL BE DONE DURING OFF PEAK HOURS.
- THERE IS NO AUTOMATIC FIRE SPRINKLER SYSTEM IN THIS BUILDING.

MECHANICAL SYMBOLS & LEGEND

	CFM	CUBIC FEET PER MINUTE
☒	EAR	EXHAUST AIR REGISTER
	EXH	EXHAUST
	OA	OUTSIDE AIR
└	OBVD	OPPOSED BLADE VOLUME DAMPER
	RA	RETURN AIR
☒	RAR	RETURN AIR REGISTER
	SA	SUPPLY AIR
▨	SLD	SLOT LINEAR DIFFUSER
☒	CD	CEILING DIFFUSER
Ⓣ	TSTAT	THERMOSTAT
	AHU	AIR HANDLER UNIT
	(E)	EXISTING
	(N)	NEW
	(R)	REMOVE
	(RE)	RELOCATE
	POC	POINT OF CONNECTION
	POR	POINT OF REMOVAL
	CLG	CEILING
	NK	NECK

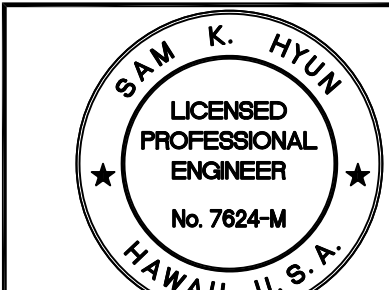
CITY AND COUNTY OF HONOLULU
REVISED ORDINANCES OF HONOLULU 2021,
CHAPTER 16B

TO THE BEST OF MY KNOWLEDGE, THIS PROJECT'S DESIGN SUBSTANTIALLY CONFORMS TO THE BUILDING ENERGY CONSERVATION CODE FOR:



- _____ BUILDING COMPONENT SYSTEMS
_____ ELECTRICAL COMPONENT SYSTEMS
_____ X _____ MECHANICAL COMPONENT SYSTEMS

SIGNATURE: *Sam K. Hyun* DATE: 11/18/2025
NAME: SAM HYUN
TITLE: MECHANICAL ENGINEER
LICENSE NO.: NO. 7624-M



This work was prepared by me or under my supervision

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

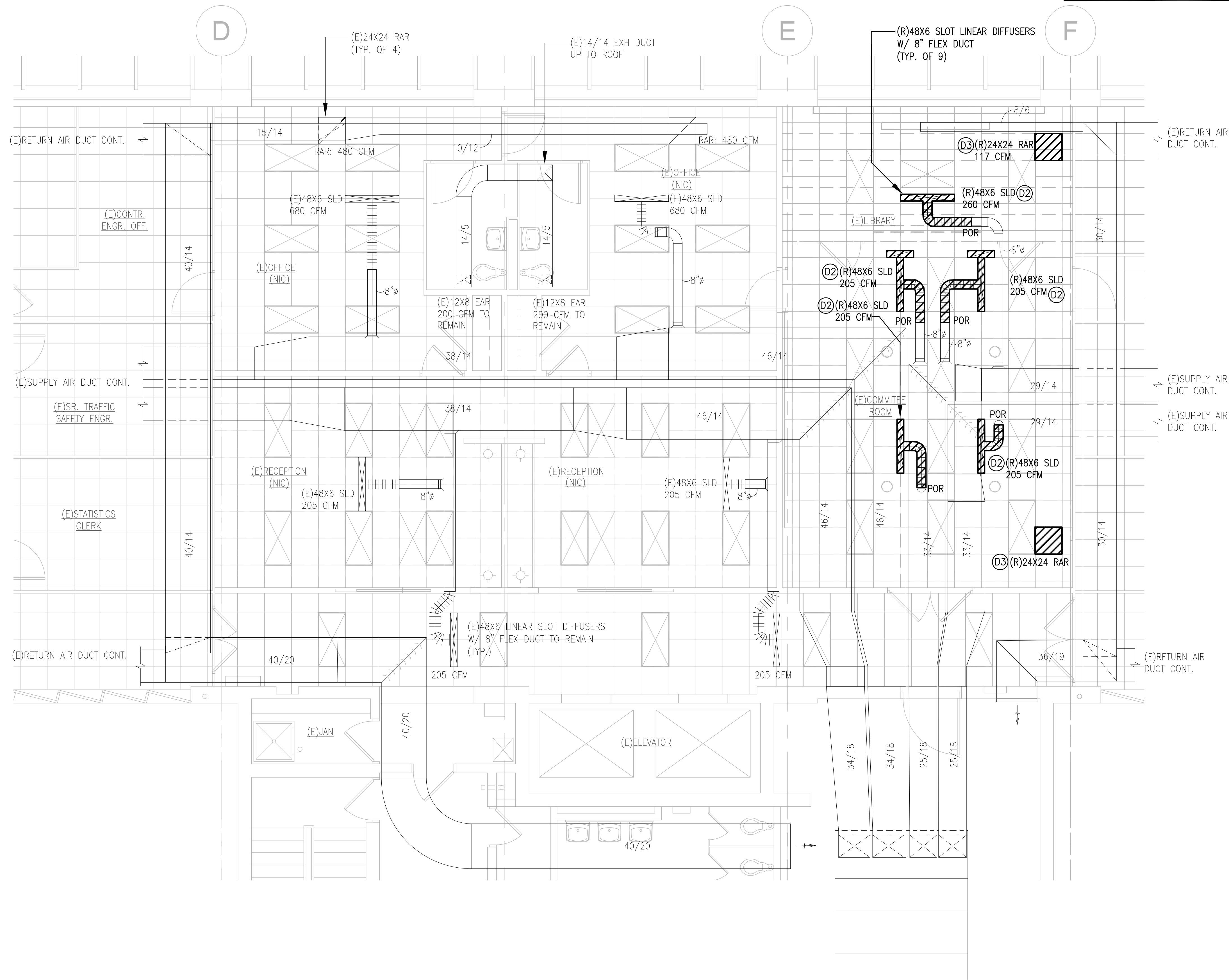
MECHANICAL GENERAL
NOTE, LEGEND, SITE PLAN

DOT DIRECTOR OFFICE RENOVATION

Project No. _____
Scale: AS SHOWN Date: August 2025

SHEET No. _____ OF _____ SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	10	16



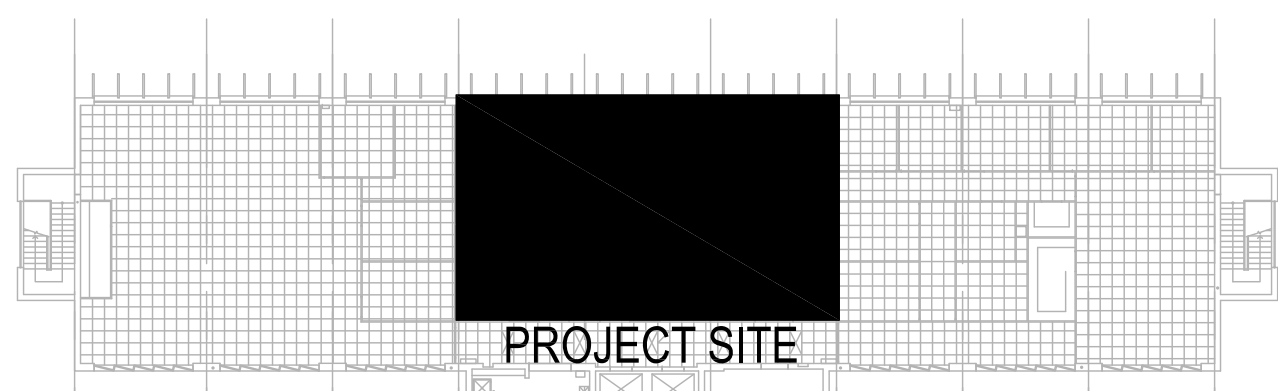
GENERAL MECHANICAL NOTES

- CONTRACTOR SHALL CLEAN ALL EXISTING AIR DEVICES TO BE REUSED AND RELOCATED FROM ANY DUST AND DEBRIS.
- CONTRACTOR SHALL CLEAN ALL EXISTING BRANCH DUCTWORK WITHIN THIS PROJECTS SCOPE OF WORK.
- NEW FLEX DUCT LENGTH SHALL NOT EXCEED MORE THAN 5 FEET. CONTRACTOR SHALL EXTEND THE BRANCH DUCT AS REQUIRED TO KEEP THE FLEX DUCT WITHIN 5FT OF LENGTH.
- NO CHANGES TO THE TOTAL PEOPLE OCCUPANCY FOR EACH SPACE IN THIS PROJECT'S SCOPE OF WORK.

MECHANICAL DEMOLITION NOTES

- (D1) CONTRACTOR SHALL PERFORM A TEST AND BALANCE REPORT OF THE SYSTEM AND AIR DEVICES, WITHIN THIS PROJECTS SCOPE OF WORK, BEFORE THE START OF ANY DEMOLITION WORK.
- (D2) REMOVE AND RELOCATE EXISTING LINEAR SLOT DIFFUSER AT LOCATION SHOWN. REMOVE AND SALVAGE ANY ASSOCIATED ACCESORIES, SUCH AS BUT NOT LIMITED TO, EXISTING FLEX DUCT, DAMPERS, ETC. AS REQUIRED.
- (D3) REMOVE AND RELOCATE EXISTING RETURN AIR REGISTER AT LOCATION SHOWN. REMOVE AND SALVAGE ANY ASSOCIATED ACCESORIES, SUCH AS BUT NOT LIMITED TO, EXISTING FLEX DUCT, DAMPERS, ETC. AS REQUIRED.

SITE PLAN



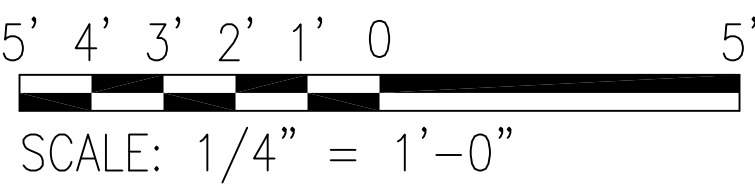
REVISION	DATE	BY	CHKD
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DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	

1
M100

MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 5

NORTH



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

**MECHANICAL DEMOLITION
FLOOR PLAN – LEVEL 5**

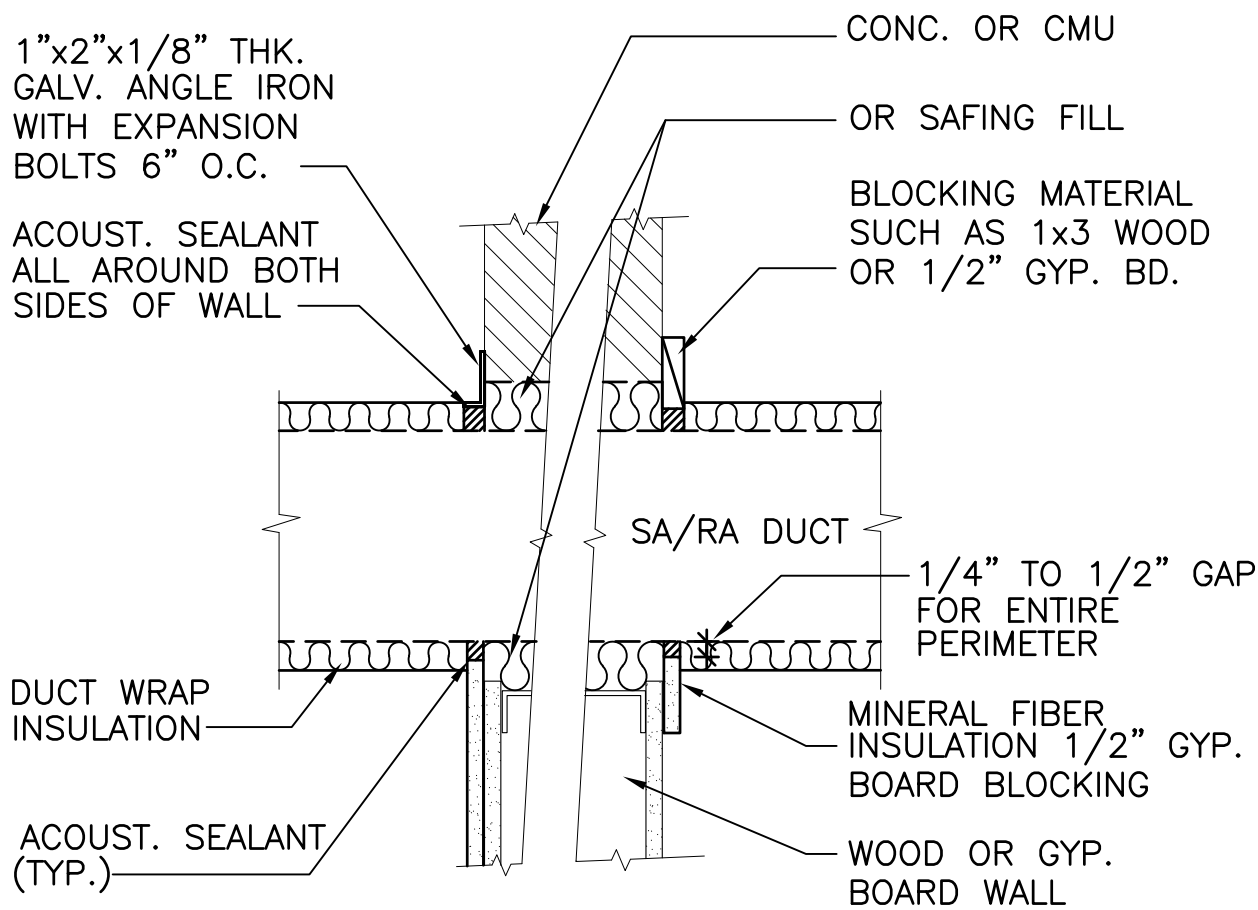
DOT DIRECTOR OFFICE RENOVATION

Project No. _____
Scale: 1/4" = 1'-0" Date: August 2025

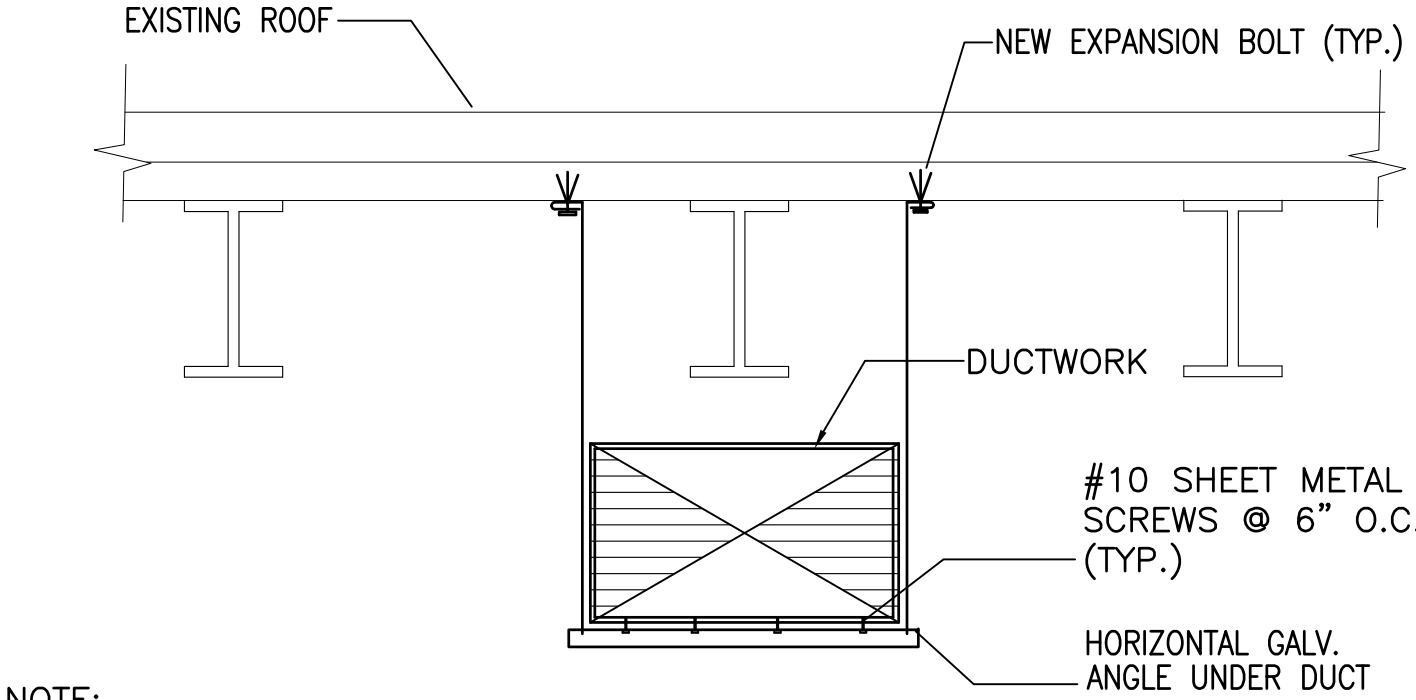
SHEET No. _____ OF _____ SHEETS

M100

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	12	16

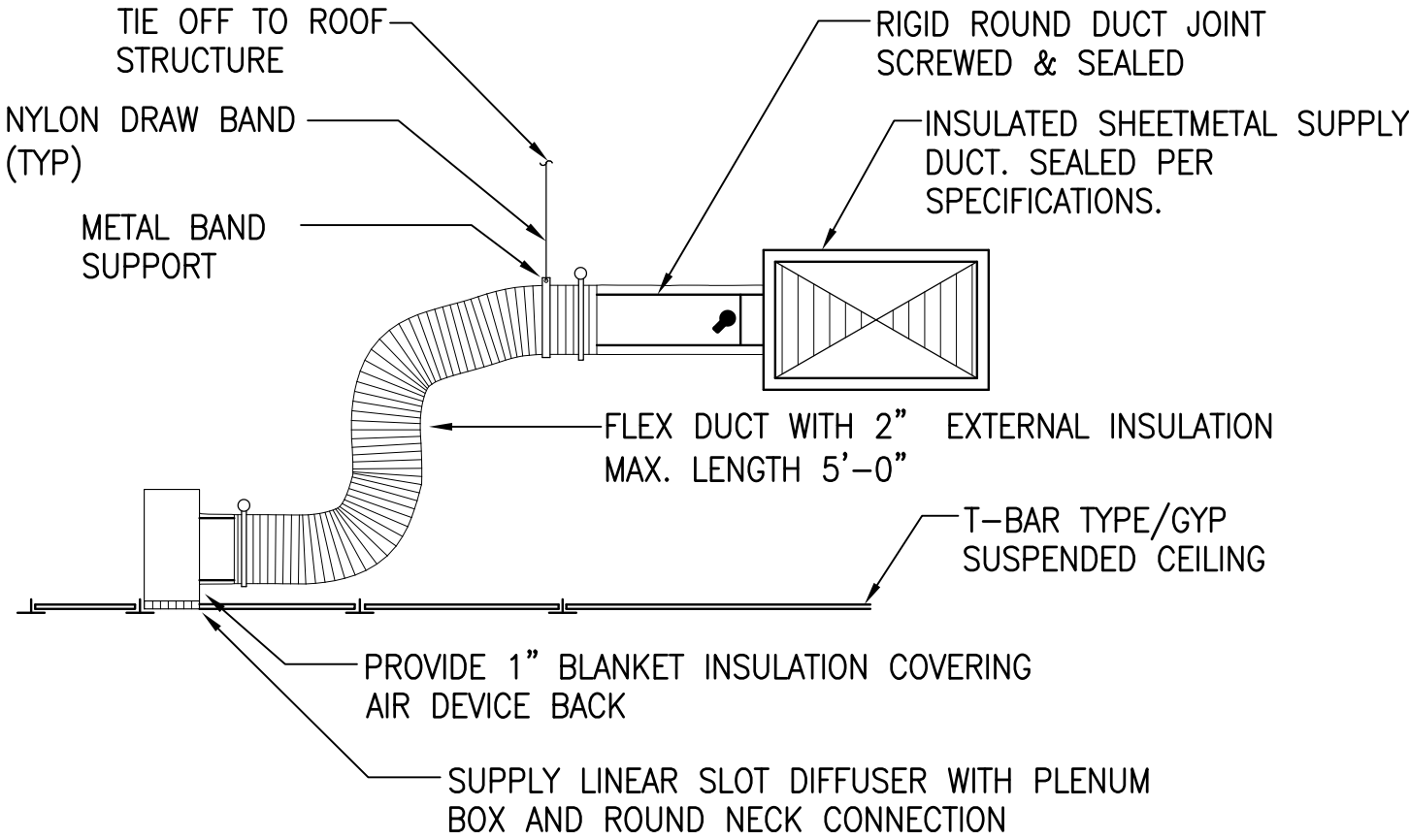


1 DUCT PENETRATION DETAIL
M300 NOT TO SCALE



- NOTE:
1. USE SPECIFIED SPACING AND NOT LESS THAN ONE SUPPORT PER BRANCH
 2. DUCT SUPPORTS AND ATTACHMENT DEVICES SHALL BE SIZED PER SMACNA HVAC DUCT CONSTRUCTION AND SEISMIC STANDARDS.

2 DUCT SUPPORT DETAIL
M300 NOT TO SCALE



3 CEILING MOUNTED LINEAR SLOT DIFFUSER DETAIL
M300 NOT TO SCALE

DESIGNED BY	DATE
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CHECKED BY	
IN CHARGE	
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SAM K. HYUN

LICENSED PROFESSIONAL ENGINEER

No. 7624-M

HAWAII, U.S.A.

This work was prepared by me or under my supervision

4/30/2028

EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

MECHANICAL DETAILS

DOT DIRECTOR OFFICE RENOVATION

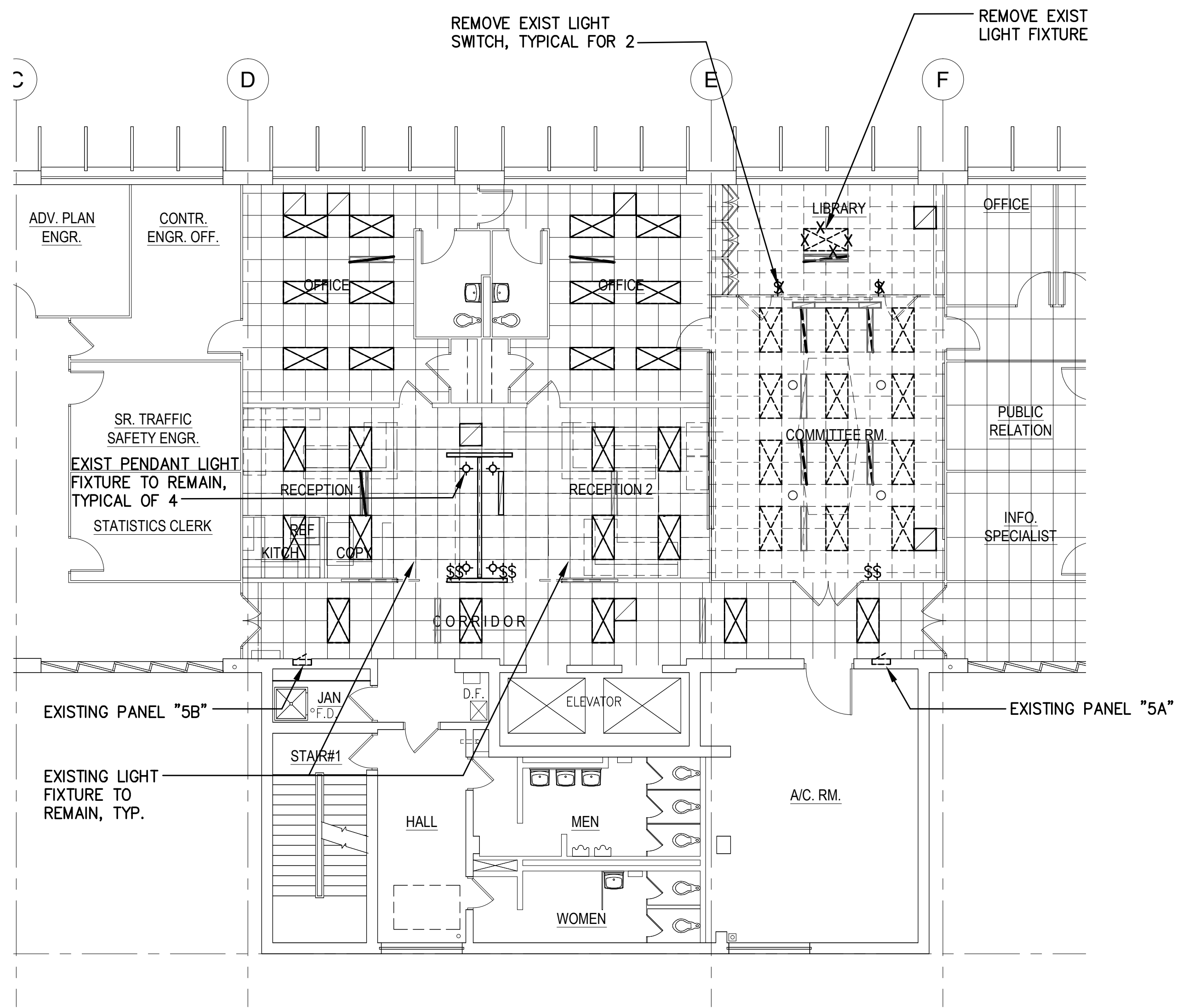
Project No.

Scale: NOT TO SCALE Date: August 2025

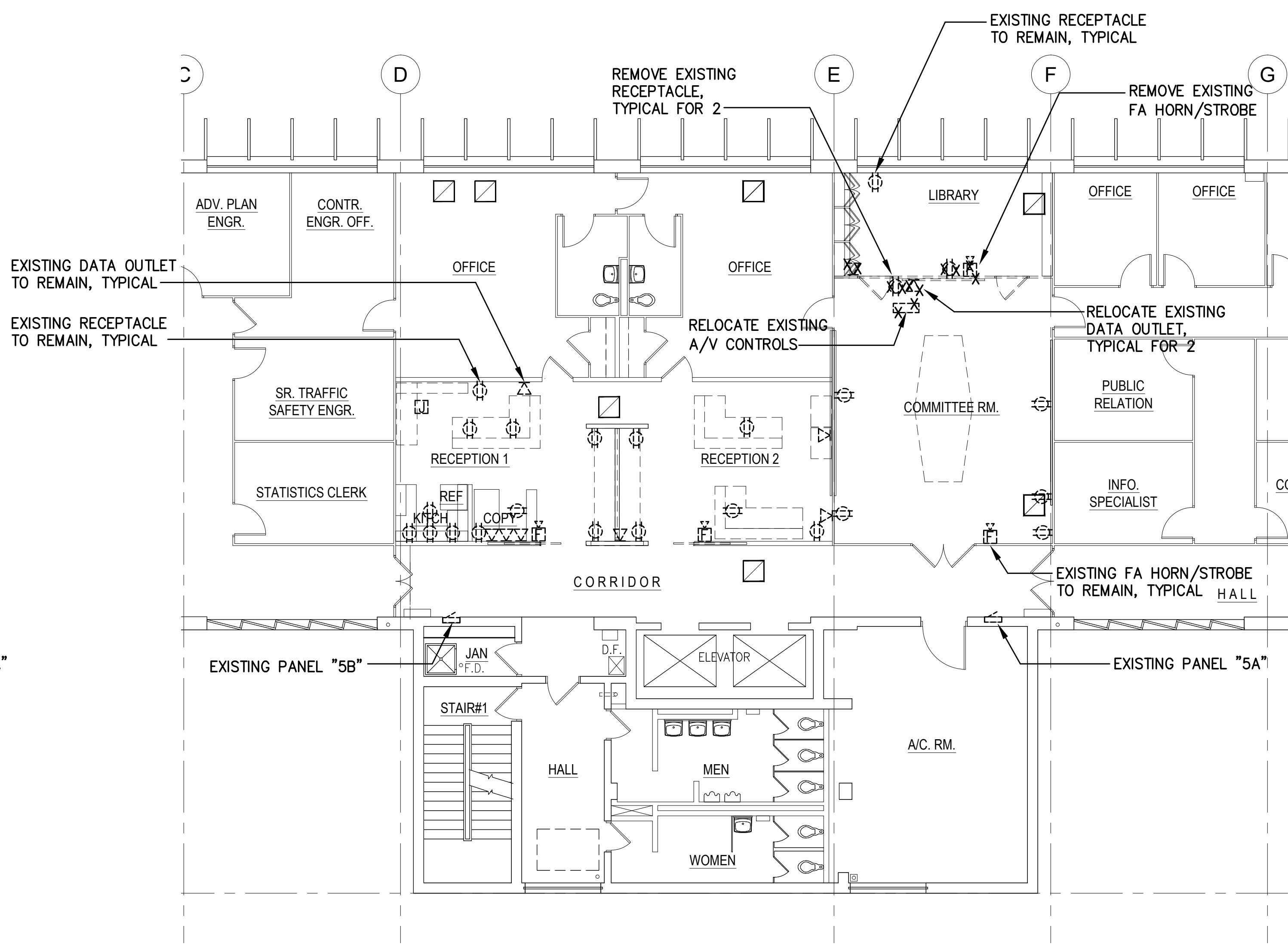
SHEET No. OF SHEETS

M300

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	13	16



1 LIGHT PLAN – DEMO
ED101ED101 Scale: 1/8" = 1'-0"

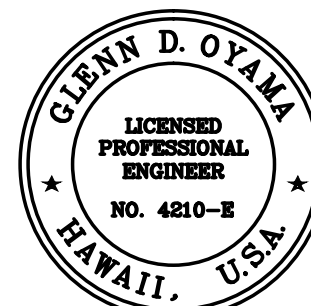


2 POWER & SIGNAL PLANS – DEMO
ED101ED101 Scale: 1/8" = 1'-0"

DEMOLITION NOTES:

- CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS, EXTENT OF REMOVAL WORK PRIOR TO BIDDING.
- REMOVE EXISTING RECEPTACLES, DATA OUTLETS, LIGHTS, SWITCHES, DEVICES, CONTROLS & ASSOCIATED WIRING & RACEWAY AS REQUIRED. PROVIDE BLANK COVERS FOR FLUSH UNUSED OUTLET BOXES AND PLUG HOLES IN BOXES.
- PRIOR REMOVAL OF EXISTING WIRING, CONTRACTOR SHALL VERIFY USAGE OF WIRING TO BE REMOVED TO ENSURE THAT SERVICES ARE NOT REQUIRED. PROVIDE ADDITIONAL WIRING AND OTHER ACCESSORIES TO ENSURE CONTINUITY TO PORTIONS OF INSTALLATION TO REMAIN.
- SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEMOLITION/REMOVAL REQUIREMENTS & PROVIDE RELATED ELECTRICAL REMOVAL/REWIRING WORK AS REQUIRED.
- VERIFY CIRCUITING AND TRACE EXISTING WIRES FOR CIRCUITS WHERE MODIFICATIONS ARE REQUIRED.

8 6 4 2 0 8 16FT
SCALE: 1/8" = 1'-0"



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Glenn D. Oyama
MITSUNAGA & ASSOCIATES, INC. 4/30/2028
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

ELECTRICAL PLAN – DEMO

DOT DIRECTOR OFFICE RENOVATION
Project No.

Scale: Date: August 2025

SHEET No. - OF - SHEETS

ED101

GENERAL NOTES:

- THE EXISTING SITE CONDITION IS BASED ON LIMITED FIELD OBSERVATION AND REFERENCE DRAWINGS. CONTRACTOR TO VERIFY THE EXISTING CONDITION AND REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE NEC, ISC, IECC, NFPA-1 AND OTHER LOCAL CODES AND AMENDMENTS.
- DRAWINGS MAY NOT BE COMPLETE AND DO NOT SHOW ALL DETAILS. PROVIDE ALL COMPONENTS FOR A COMPLETE AND OPERABLE SYSTEM WITHIN INTENT SHOWN ON THE DRAWINGS AND SPECIFICATIONS.
- IN THE EVENT OF CONFLICT BETWEEN AND/OR WITHIN THE DRAWINGS AND SPECIFICATIONS THE MORE RIGOROUS REQUIREMENT SHALL GOVERN.
- SEE ARCHITECTURAL AND MECHANICAL PLANS, INTERIOR ELEVATIONS AND DETAILS, SHOP DRAWINGS AND EQUIPMENT BROCHURES FOR ELECTRICAL REQUIREMENTS AND PROVIDE WIRING AS APPROPRIATE. VERIFY AND COORDINATE EQUIPMENT RATINGS, MOUNTING HEIGHTS OF OUTLETS, AND EQUIPMENT RACEWAY ROUGH-IN REQUIREMENTS, AND OTHER ELECTRICAL REQUIREMENTS.
- FOR INSTALLATION OF ALL ELECTRICAL EQUIPMENT, COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICTS AND PROVIDE A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM.
- ALL WIRES TO BE INSULATED COPPER CONDUCTORS AND INSTALLED IN RACEWAYS.
- PROVIDE INSULATED GROUND WIRE FOR ALL FEEDERS AND BRANCH CIRCUITS AND SEPARATE NEUTRALS FOR ALL 120V BRANCH CIRCUITS.
- THE DETERMINATION OF THE WIRE SIZE SHALL REST ON THE ACTUAL PATH USED BY THE CONTRACTOR INCREASE. THE WIRE SIZE SHOWN TO LIMIT VOLTAGE DROP ON FEEDERS AND BRANCH CIRCUITS TO 2%.
- WHERE CONCEALED IN FINISHED AREAS RACEWAYS SHALL BE EMT WITH COMPRESSION FITTINGS INSTALLED CONCEALED IN DRY WALL AND CEILING SPACES. WHERE EXPOSED IN UNFINISHED AREAS, RACEWAYS SHALL BE GRS AND ROUTED NEATLY AND INCONSPICUOUSLY ALONG CORNERS, STRUCTURAL MEMBERS AND ARCHITECTURAL TRIMS FOR MINIMUM PROFILE. UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC CONDUIT AND WITH CONCRETE JACKET FOR EXTERIOR WORK. EXPOSED SMALL JUNCTION BOXES SHALL BE CAST METAL TYPE WITH NO UNUSED FACTORY KNOCK-OUTS.
- BOXES SHALL MATCH ELECTRICAL DEVICES AND COMPLY WITH MANUFACTURER'S RECOMMENDATIONS. ALL EXPOSED SURFACE MOUNTED OUTLET BOXES SHALL BE CAST METAL.
- ADJUST LOCATION OF THE NEW ELECTRICAL EQUIPMENT AND WIRING AS REQUIRED TO CLEAR BUILDING OBSTRUCTIONS AND EQUIPMENT. PROVIDE ANY SPACERS, FILLERS, BRACKETS, HANGERS, ETC. NEEDED TO PROPERLY INSTALL THE ELECTRICAL EQUIPMENT AND WIRING.
- SEAL ALL PENETRATIONS THROUGH FIRE RATED AND EXTERIOR WALL AND SLABS USING U.L. LISTED FIRE RATED SEALANT TO MAINTAIN THE INTEGRITY OF THE FIRE RATING AND WATER PROOFING.
- PAINT ALL EXPOSED RACEWAYS AND BOXES WITH TWO COATS TWO-PART EPOXY BASED PRIMER AND TWO COATS POLYURETHANE ENAMEL FINISH TO MATCH SURROUNDING SURFACES.
- IN THE EVENT OF CONFLICT BETWEEN AND/OR WITHIN THE DRAWINGS AND SPECIFICATIONS THE MORE RIGOROUS REQUIREMENT SHALL GOVERN.
- TEST ELECTRICAL SYSTEM FOR PROPER OPERATION AND CORRECT ANY DEFICIENCIES.
- THE CONTRACTOR IS RESPONSIBLE TO PROVIDE POWER FOR ALL FIRE/SMOKE DAMPERS AND SMOKE DUCT DETECTORS ON THE MECHANICAL PLANS. CONTRACTOR SHALL CIRCUIT DAMPER AND DETECTORS TO COMMON AREA PANELS WITHIN THE INTENDED SPACE SERVED.
- ELECTRICAL SCOPE OF WORK INCLUDES REPLACEMENT OF INTERIOR LIGHT FIXTURES WITH LED TYPE, ADD POWER & TELECOM OUTLETS , & ADD/RELOCATE FIRE ALARM DEVICES.
- SCHEDULE ALL WORK TO MINIMIZE POWER OUTAGES.

LUMINAIRE SCHEDULE

TYPE	LAMPS/ WATTS	DESCRIPTION	MFR OR APP'D EQ.
A	154W LED	RECESSED 2' X 4' TROFFER, WITH ACRYLIC CENTER LENS, STEEL HOUSING, 120V	COLUMBIA LCAT24-40-ML-G-ED-U
B	150W LED	RECESSED 2' X 2' TROFFER, WITH ACRYLIC CENTER LENS, STEEL HOUSING, 120V	COLUMBIA LCAT22-40-HL-G-ED-U

LIGHTING NOTES

- ALL LUMINAIRES AND COMPONENTS SHALL BE U.L. LISTED.
- CONTRACTOR TO PROVIDE ALL REQUIRED HARDWARE, BRACKETS, ACCESSORIES, LAMPS, TUBES, ETC. FOR A COMPLETE INSTALLATION
- ALL LUMINAIRES SHALL BE PERMANENTLY SECURED TO THE CEILING PER NEC 410-16(c).
- PROVIDE EMERGENCY BATTERY PACKS AND AUTOMATIC LIGHTING CONTROLS AS REQUIRED PER IECC 2018 AND AS INDICATED ON PLANS AND SPECIFICATIONS.
- SUBMIT ILLUMINATION LEVEL COMPUTER SIMULATION AT ALL PROJECT AREAS FOR APPROVAL. ILLUMINATION LEVELS SHALL BE EQUAL OR BETTER THAN IES RECOMMENDATIONS & STATE DOT REQUIREMENTS.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
0AHU	HAW	HWY-02-27M	2022	14	16

ELECTRICAL SYMBOLS

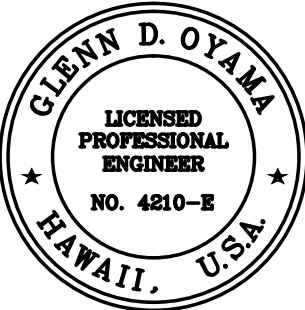
EXISTING	NEW	DESCRIPTION
		2'X4' RECESSED CEILING LIGHT 2'X4' RECESSED CEILING LIGHT
		PENDANT LIGHT
		LIGHT SWITCH, 1-POLE, +45° OR AS INDICATED
		DUPLEX RECEPTACLE, NEMA 5-20R, +18° OR AS INDICATED
		FIRE ALARM HORN/STROBE
		JUNCTION BOX, WALL MOUNTED JUNCTION BOX, WALL MOUNTED
		ELECTRICAL PANEL
		CONCEALED RACEWAY WITH WIRES
		HOMERUN
		FIXTURE TYPE INDICATOR

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCE OF HONOLULU 2021
CHAPTER 16B

To the best of my knowledge, this project's design substantially conforms to the Building Energy Conservation Code for:

Building Component Systems
X Electrical Component Systems
Mechanical Component Systems

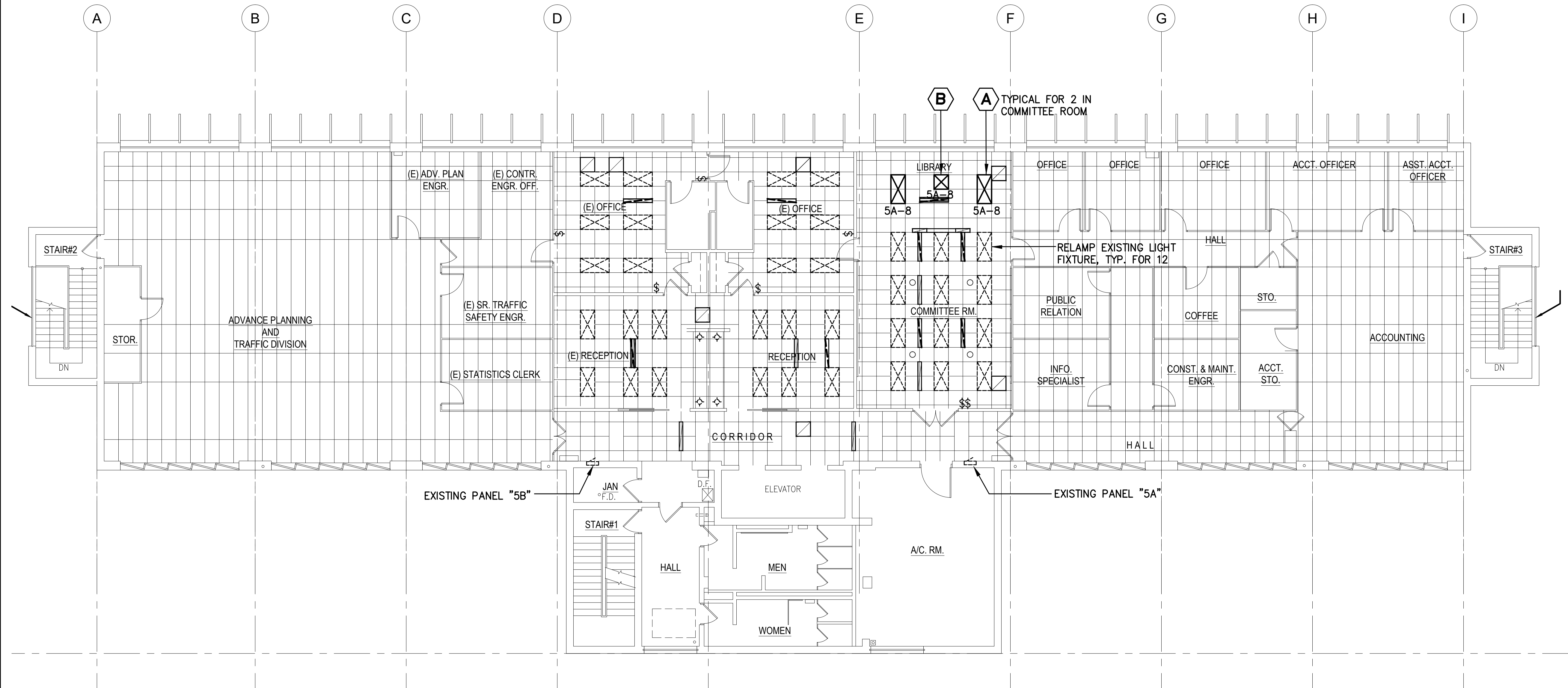
Signature: Glenn D. Oyama Date: 12/5/2025
Name: GLENN D. OYAMA
Title: PRINCIPAL
License No.: 4210-E



This work was prepared by
me or under my supervision
Glenn D. Oyama 4/30/2028
MITSUNAGA & ASSOCIATES, INC. EXP. DATE
NOTE: Contractor to check and verify dimensions at job before
proceeding with work.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION 2530 LIKELIKE HIGHWAY HONOLULU, HI 96819 TMK: 1-4-022-014:0000	
GENERAL NOTES AND ELECTRICAL SYMBOLS	
DOT DIRECTOR OFFICE RENOVATION Project No.	
Scale:	Date: August 2025
SHEET No. - OF - SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	15	16



1
E101E101 LIGHTING PLAN
Scale: 1/8" = 1'-0"

NOTES:

1. PROVIDE NEW LIGHT FIXTURES IN COMMITTEE ROOM AS SHOWN. REWIRE TO EXISTING LIGHTING CIRCUIT WITHIN THE ROOM.
2. CLEAN AND RELAMP EXISTING LIGHT FIXTURES IN COMMITTEE ROOM WITH T-8 LED RETROFIT LAMPS. VERIFY EXISTING LAMP TYPE. REMOVE BALLASTS AND REWIRE FIXTURES AS REQUIRED. LED RETROFIT LAMPS SHALL BE 17 WATT, 2400 LUMENS, 4000K, GREEN CREATIVE OR APPROVED EQUAL.
3. LIGHTING SCOPE OF WORK INCLUDES REPLACING EXISTING LIGHTS WITH LED TYPE WHICH AMOUNT TO LESS THAN 10% OF THIS NUMBER OF EXITING LUMINARIES. THEREFORE FULL COMPLIANCE WITH IECC 2018 IS NOT REQUIRED.
4. VERIFY CIRCUITING AND TRACE EXISTING WIRES FOR CIRCUITS WHERE MODIFICATIONS ARE REQUIRED.

8 6 4 2 0 8 16FT
SCALE: 1/8" = 1'-0"



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Glenn D. Oyama
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2028
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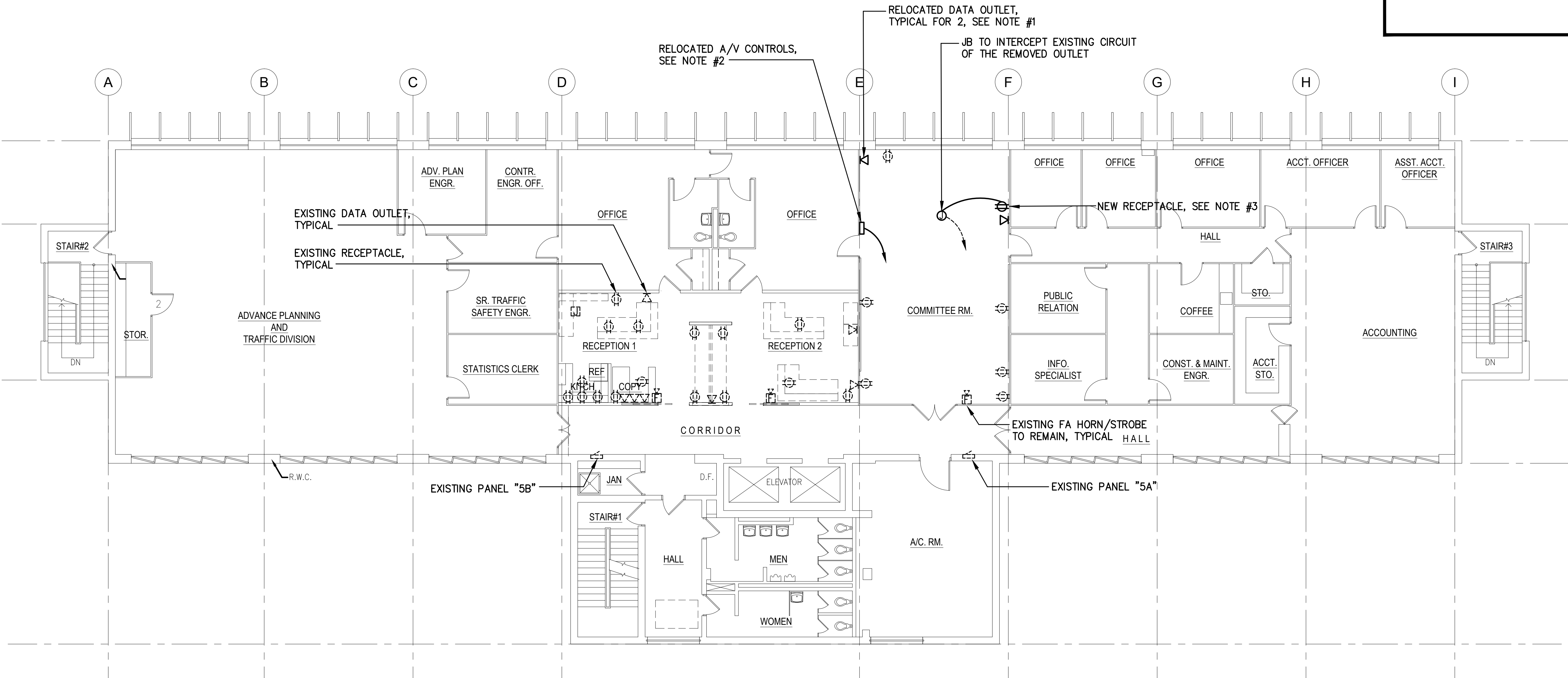
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
2530 LIKELIKE HIGHWAY
HONOLULU, HI 96819
TMK: 1-4-022-014:0000

LIGHTING PLAN

DOT DIRECTOR OFFICE RENOVATION
Project No.
Scale: Date: August 2025
SHEET No. - OF - SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	16	16

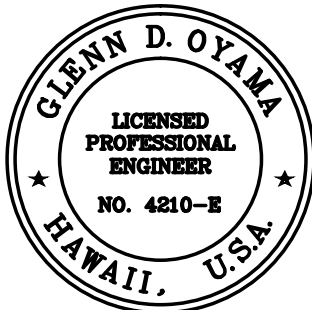


1
E102/E102 POWER & SIGNAL PLAN
Scale: 1/8" = 1'-0"

NOTES:

1. RELOCATE DATA OUTLETS IN COMMITTEE ROOM SHOWN AND REROUTE CABLES TO NEW OUTLET LOCATIONS AS REQUIRED. RELOCATED DATA OUTLETS SHALL BE INSTALLED IN FLUSH WALL MOUNTED OUTLET BOXES WITH NEW DEVICE PLATES AND RACEWAYS FISHED DOWN FROM CEILING IN WALL FOR CONCEALMENT. RE-INSTALL EXISTING DATA JACK INSERTS IN NEW DEVICES PLATES AND RE-TERMINATE TO REROUTED CABLES.
2. REINSTALL A/V CONTROLS AND EXTEND WIRING TO LOCATION IN COMMITTEE ROOM AS SHOWN.
3. PROVIDE NEW WALL RECEPTACLE AS SHOWN. NEW WALL RECEPTACLES SHALL BE INSTALLED IN FLUSH WALL MOUNTED OUTLET BOXES AND RACEWAYS FISHED DOWN FROM CEILING IN WALL FOR CONCEALMENT. REWIRE TO EXISTING RECEPTACLE CIRCUITS.

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QUANTITIES BY	
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Glenn D. Oyama
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2028

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8 6 4 2 0 8 16FT
SCALE: 1/8" = 1'-0"

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POWER & SIGNAL PLAN

DOT DIRECTOR OFFICE RENOVATION
Project No.
Date: August 2025

Scale: SHEET No. - OF - SHEETS