

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS**

**ADDENDUM NO. 2
FOR
TAXIWAY C RECONSTRUCTION
AT DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII
STATE PROJECT NO. AO1021-30
AIP PROJECT NO. 3-15-0005-###**

March 30, 2026

This Addendum shall make the following amendment(s) to the Solicitation:

A. TABLE OF CONTENTS

1. Delete **TABLE OF CONTENTS**, dated R03/16/2026, in its entirety and replace it with attached **TABLE OF CONTENTS**, dated R03/30/2026.

B. PROPOSAL

1. Delete **PROPOSAL**, in its entirety, and replace it with attached **PROPOSAL**, dated R03/30/2026.

C. SPECIFICATIONS

1. Delete **Section 02101 PREPARATION/REMOVAL OF EXISTING PAVEMENTS**, Pages 02101-8 to 02101-10, dated January 2026 and replace it with attached **Section 02101 PREPARATION/REMOVAL OF EXISTING PAVEMENTS**, Pages 02101-8 to 02101-10, dated R03/30/2026.
2. Delete **Section 02152 EXCAVATION, SUBGRADE, AND EMBANKMENT**, in its entirety, dated R03/16/2026 and replace it with attached **Section 02152 EXCAVATION, SUBGRADE, AND EMBANKMENT**, dated R03/30/2026.

D. PLANS

1. Delete **PLANS SHEET NO. ADD. 1 G-002 INDEX OF DRAWINGS** and replace it with attached **PLANS SHEET NO. ADD. 2 G-002 INDEX OF DRAWINGS**.
2. Delete **PLANS SHEET NO. ADD. 1 G-018 CONSTRUCTION SEQUENCING/TIMELINE AND PHASING OVERVIEW** and replace it with attached **PLANS SHEET NO. ADD. 2 G-018 CONSTRUCTION SEQUENCING/TIMELINE AND PHASING OVERVIEW**.
3. Delete **PLANS SHEET NO. ADD. 1 G-019 SOIL STOCKPILING AND LAYDOWN AREA PLAN** and replace it with attached **PLANS SHEET NO. ADD. 2 G-019 SOIL STOCKPILING AND LAYDOWN AREA PLAN**.
4. Delete **PLANS SHEET NO. ADD. 1 G-020 SOIL STOCKPILING AND LAYDOWN IMPROVEMENT PLAN** and replace it with attached **PLANS SHEET NO. ADD. 2 G-020 SOIL STOCKPILING AND LAYDOWN IMPROVEMENT PLAN**.
5. Delete **PLANS SHEET NO. ADD. 1 G-028 CONSTRUCTION PHASING PLAN PHASE 4.3** and replace it with attached **PLANS SHEET NO. ADD. 2 G-028 CONSTRUCTION PHASING PLAN PHASE 4.3**.
6. Delete **PLANS SHEET NO. G-043 PHASING DETAILS 3** and replace it with attached **PLANS SHEET NO. ADD. 2 G-043 PHASING DETAILS 3**.
7. Delete **PLANS SHEET NO. ADD. 1 G-060 TEMP MARKING PLAN PHASE 2** and replace it with attached **PLANS SHEET NO. ADD. 2 G-060 TEMP MARKING PLAN PHASE 2**.
8. Delete **PLANS SHEET NO. ADD. 1 G-061 TEMP MARKING PLAN PHASE 3** and replace it with attached **PLANS SHEET NO. ADD. 2 G-061 TEMP MARKING PLAN PHASE 3**.
9. Delete **PLANS SHEET NO. ADD. 1 G-062 TEMP MARKING PLAN PHASE 6** and replace it with attached **PLANS SHEET NO. ADD. 2 G-062 TEMP MARKING PLAN PHASE 6**.
10. Delete **PLANS SHEET NO. ADD. 1 G-063 TEMP MARKING PLAN PHASE 9** and replace it with attached **PLANS SHEET NO. ADD. 2 G-063 TEMP MARKING PLAN PHASE 9**.

11. Delete **PLANS SHEET NO. ADD. 1 G-064 TEMP MARKING PLAN PHASE 10** and replace it with attached **PLANS SHEET NO. ADD. 2 G-064 TEMP MARKING PLAN PHASE 10**.
12. Delete **PLANS SHEET NO. ADD. 1 G-065 TEMP MARKING PLAN PHASE 11** and replace it with attached **PLANS SHEET NO. ADD. 2 G-065 TEMP MARKING PLAN PHASE 11**.
13. Delete **PLANS SHEET NO. ADD. 1 G-066 TEMP MARKING PLAN PHASE 12** and replace it with attached **PLANS SHEET NO. ADD. 2 G-066 TEMP MARKING PLAN PHASE 12**.
14. Delete **PLANS SHEET NO. ADD. 1 C-204 CIVIL DEMOLITION PLAN 4** and replace it with attached **PLANS SHEET NO. ADD. 2 C-204 CIVIL DEMOLITION PLAN 4**.
15. Delete **PLANS SHEET NO. ADD. 1 C-206 CIVIL DEMOLITION PLAN 6** and replace it with attached **PLANS SHEET NO. ADD. 2 C-206 CIVIL DEMOLITION PLAN 6**.
16. Delete **PLANS SHEET NO. ADD. 1 C-304 PAVING LAYOUT PLAN 4** and replace it with attached **PLANS SHEET NO. ADD. 2 C-304 PAVING LAYOUT PLAN 4**.
17. Delete **PLANS SHEET NO. ADD. 1 C-308 PCC PAVING LAYOUT PLAN** and replace it with attached **PLANS SHEET NO. ADD. 2 C-308 PCC PAVING LAYOUT PLAN**.
18. Delete **PLANS SHEET NO. ADD. 1 C-350 PAVING DETAILS 1** and replace it with attached **PLANS SHEET NO. ADD. 2 C-350 PAVING DETAILS 1**.
19. Delete **PLANS SHEET NO. C-351 PAVING DETAILS 2** and replace it with attached **PLANS SHEET NO. ADD. 2 C-351 PAVING DETAILS 2**.
20. Delete **PLANS SHEET NO. C-401 PAVEMENT SECTIONS 1** and replace it with attached **PLANS SHEET NO. ADD. 2 C-401 PAVEMENT SECTIONS 1**.
21. Delete **PLANS SHEET NO. C-402 PAVEMENT SECTIONS 2** and replace it with attached **PLANS SHEET NO. ADD. 2 C-402 PAVEMENT SECTIONS 2**.
22. Delete **PLANS SHEET NO. C-404 PAVEMENT SECTIONS 4** and replace it with attached **PLANS SHEET NO. ADD. 2 C-404 PAVEMENT SECTIONS 4**.

23. Delete **PLANS SHEET NO. ADD. 1 C-501 GRADING PLAN 1** and replace it with attached **PLANS SHEET NO. ADD. 2 C-501 GRADING PLAN 1**.
24. Delete **PLANS SHEET NO. ADD. 1 C-502 GRADING PLAN 2** and replace it with attached **PLANS SHEET NO. ADD. 2 C-502 GRADING PLAN 2**.
25. Delete **PLANS SHEET NO. ADD. 1 C-503 GRADING PLAN 3** and replace it with attached **PLANS SHEET NO. ADD. 2 C-503 GRADING PLAN 3**.
26. Delete **PLANS SHEET NO. ADD. 1 C-504 GRADING PLAN 4** and replace it with attached **PLANS SHEET NO. ADD. 2 C-504 GRADING PLAN 4**.
27. Delete **PLANS SHEET NO. ADD. 1 C-505 GRADING PLAN 5** and replace it with attached **PLANS SHEET NO. ADD. 2 C-505 GRADING PLAN 5**.
28. Delete **PLANS SHEET NO. ADD. 1 C-506 GRADING PLAN 6** and replace it with attached **PLANS SHEET NO. ADD. 2 C-506 GRADING PLAN 6**.
29. Delete **PLANS SHEET NO. ADD. 1 C-507 GRADING PLAN 7** and replace it with attached **PLANS SHEET NO. ADD. 2 C-507 GRADING PLAN 7**.
30. Delete **PLANS SHEET NO. ADD. 1 C-602 ENLARGED DRAINAGE PLAN 2** and replace it with attached **PLANS SHEET NO. ADD. 2 C-602 ENLARGED DRAINAGE PLAN 2**.
31. Delete **PLANS SHEET NO. ADD. 1 C-603 ENLARGED DRAINAGE PLAN 3** and replace it with attached **PLANS SHEET NO. ADD. 2 C-603 ENLARGED DRAINAGE PLAN 3**.
32. Delete **PLANS SHEET NO. ADD. 1 C-604 WATER LINE PLAN AND PROFILE** and replace it with attached **PLANS SHEET NO. ADD. 2 C-604 WATER LINE PLAN AND PROFILE**.
33. Delete **PLANS SHEET NO. ADD. 1 C-606 MISCELLANEOUS DETAILS** and replace it with attached **PLANS SHEET NO. ADD. 2 C-606 MISCELLANEOUS DETAILS**.
34. Delete **PLANS SHEET NO. C-607 CATHODIC PROTECTION PLAN TEST STATION SCHEDULE** and replace it with attached **PLANS SHEET NO. ADD. 2 C-607 CATHODIC PROTECTION PLAN TEST STATION SCHEDULE**.

35. Delete **PLANS SHEET NO. C-608 CATHODIC PROTECTION DETAILS - 1** and replace it with attached **PLANS SHEET NO. ADD. 2 C-608 CATHODIC PROTECTION DETAILS - 1**.
36. Delete **PLANS SHEET NO. C-611 STRUCTURAL TYPICAL DETAILS AND DRAIN MANHOLE SECTIONS** and replace it with attached **PLANS SHEET NO. ADD. 2 C-611 STRUCTURAL TYPICAL DETAILS AND DRAIN MANHOLE SECTIONS**.
37. Delete **PLANS SHEET NO ADD. 1 E-102 ELECTRICAL DEMOLITION SITE PLAN - 2** and replace it with attached **PLANS SHEET NO. ADD. 2 E-102 ELECTRICAL DEMOLITION SITE PLAN - 2**.
38. Delete **PLANS SHEET NO ADD. 1 E-103 ELECTRICAL DEMOLITION SITE PLAN - 3** and replace it with attached **PLANS SHEET NO. ADD. 2 E-103 ELECTRICAL DEMOLITION SITE PLAN - 3**.
39. Delete **PLANS SHEET NO ADD. 1 E-107 ELECTRICAL DEMOLITION SITE PLAN - 7** and replace it with attached **PLANS SHEET NO. ADD. 2 E-107 ELECTRICAL DEMOLITION SITE PLAN - 7**.
40. Delete **PLANS SHEET NO ADD. 1 E-201 NEW ELECTRICAL SITE PLAN - 1** and replace it with attached **PLANS SHEET NO. ADD. 2 E-201 NEW ELECTRICAL SITE PLAN - 1**.
41. Delete **PLANS SHEET NO ADD. 1 E-202 NEW ELECTRICAL SITE PLAN - 2** and replace it with attached **PLANS SHEET NO. ADD. 2 E-202 NEW ELECTRICAL SITE PLAN - 2**.
42. Delete **PLANS SHEET NO ADD. 1 E-203 NEW ELECTRICAL SITE PLAN - 3** and replace it with attached **PLANS SHEET NO. ADD. 2 E-203 NEW ELECTRICAL SITE PLAN - 3**.
43. Delete **PLANS SHEET NO ADD. 1 E-204 NEW ELECTRICAL SITE PLAN - 4** and replace it with attached **PLANS SHEET NO. ADD. 2 E-204 NEW ELECTRICAL SITE PLAN - 4**.
44. Delete **PLANS SHEET NO ADD. 1 E-207 NEW ELECTRICAL SITE PLAN - 7** and replace it with attached **PLANS SHEET NO. ADD. 2 E-207 NEW ELECTRICAL SITE PLAN - 7**.

45. Delete **PLANS SHEET NO ADD. 1 E-300 OVERALL TAXIWAY CIRCUITING SITE PLAN** and replace it with attached **PLANS SHEET NO. ADD. 2 E-300 OVERALL TAXIWAY EXISTING CIRCUITING SITE PLAN**.
46. Delete **PLANS SHEET NO ADD. 1 E-301 TAXIWAY CIRCUITING SITE PLAN - 1** and replace it with attached **PLANS SHEET NO. ADD. 2 E-301 TAXIWAY EXISTING CIRCUITING SITE PLAN - 1**.
47. Delete **PLANS SHEET NO ADD. 1 E-302 TAXIWAY CIRCUITING SITE PLAN - 2** and replace it with attached **PLANS SHEET NO. ADD. 2 E-302 TAXIWAY EXISTING CIRCUITING SITE PLAN - 2**.
48. Delete **PLANS SHEET NO ADD. 1 E-303 TAXIWAY CIRCUITING SITE PLAN - 3** and replace it with attached **PLANS SHEET NO. ADD. 2 E-303 TAXIWAY EXISTING CIRCUITING SITE PLAN - 3**.
49. Delete **PLANS SHEET NO ADD. 1 E-304 TAXIWAY CIRCUITING SITE PLAN - 4** and replace it with attached **PLANS SHEET NO. ADD. 2 E-304 TAXIWAY EXISTING CIRCUITING SITE PLAN - 4**.
50. Delete **PLANS SHEET NO ADD. 1 E-305 TAXIWAY CIRCUITING SITE PLAN - 5** and replace it with attached **PLANS SHEET NO. ADD. 2 E-305 TAXIWAY EXISTING CIRCUITING SITE PLAN - 5**.
51. Add and make a part of the plans the attached **PLANS SHEET NO. ADD. 2 E-400 OVERALL TAXIWAY NEW CIRCUITING SITE PLAN**.
52. Add and make a part of the plans the attached **PLANS SHEET NO. ADD. 2 E-401 TAXIWAY NEW CIRCUITING SITE PLAN – 1**.
53. Add and make a part of the plans the attached **PLANS SHEET NO. ADD. 2 E-402 TAXIWAY NEW CIRCUITING SITE PLAN – 2**.
54. Add and make a part of the plans the attached **PLANS SHEET NO. ADD. 2 E-403 TAXIWAY NEW CIRCUITING SITE PLAN – 3**.
55. Add and make a part of the plans the attached **PLANS SHEET NO. ADD. 2 E-404 TAXIWAY NEW CIRCUITING SITE PLAN – 4**.
56. Add and make a part of the plans the attached **PLANS SHEET NO. ADD. 2 E-405 TAXIWAY NEW CIRCUITING SITE PLAN – 5**.

57. Delete **PLANS SHEET NO ADD. 1 E-502 TAXIWAY EDGE LIGHT DETAILS** and replace it with attached **PLANS SHEET NO. ADD. 2 E-502 TAXIWAY EDGE LIGHT DETAILS**.

The following is provided for information.

E. RESPONSES TO REQUESTS FOR INFORMATION (RFI'S/QUESTIONS)

1. The attached **RESPONSES TO REQUESTS FOR INFORMATION** are provided for information.

Please acknowledge receipt of this **ADDENDUM NO. 2** by recording the date of its receipt in the space provided on the **PAGE P-4** of the Proposal.

Adam Tolentino for

NATHAN C. KANESHIGE
Engineering Program Manager

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PROPOSAL TO THE
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PROJECT: TAXIWAY C RECONSTRUCTION AT
DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII

STATE PROJECT NO.: AO1021-30

AIP PROJECT NO: 3-15-0005-###

COMPLETION TIME: All work under this contract shall be completed within seven hundred and sixty-six (766) calendar days from the date indicated in the Notice to Proceed from the Department.

DBE PROJECT GOAL: None

LIQUIDATED DAMAGES: See Special Provision 8.8

STATE PROJECT MANAGER: JOHN WEST
Department of Transportation Airports Division
400 Rodgers Boulevard, Suite 700
Honolulu, HI 96819-1880
E-mail: john.k.west@hawaii.gov
Phone: (808) 838-8867

ELECTRONIC SUBMITTAL: Bidders shall submit and upload the complete proposal to HiePRO prior to the bid opening date and time. Any additional support documents explicitly designated as confidential and/or proprietary shall be uploaded as a separate file to HiePRO. See SPECIAL PROVISIONS 2.8 PREPARATION AND DELIVERY OF BID for complete details. FAILURE TO UPLOAD THE COMPLETE PROPOSAL TO HiePRO SHALL BE GROUNDS FOR REJECTION OF THE BID.

Director of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813

Dear Sir:

The undersigned Bidder declares the following:

1. It has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal.
2. It has not been assisted or represented on this matter by any individual who has, in a State capacity, been involved in the subject matter of this contract within the past two years.
3. It has not and will not, either directly or indirectly offered or given a gratuity (i.e., an entertainment or gift) to any State or County employee to obtain a contract or favorable treatment under a contract.
4. It will not maintain for its employees any segregated facilities at any of its establishments.
5. Does not and will not permit its employees to perform their services at any location under its control, where segregated facilities are maintained.

The undersigned Bidder further agrees to the following:

1. If this proposal is accepted, it shall execute a contract with the Department to provide all necessary labor, machinery, tools, equipment, apparatus and any other means of construction, to do all the work and to furnish all the materials specified in the contract in the manner and within the time therein prescribed in the contract, and that it shall accept in full payment therefore the sum of the unit and/or lump sum prices as set forth in the attached proposal schedule for the actual quantities of work performed and materials furnished and furnish satisfactory security in accordance with Section 103D-324, Hawaii Revised Statutes, within 10 days after the award of the contract or within such time as the Director of Transportation may allow after the undersigned has received the contract documents for execution, and is fully aware that non-compliance with the aforementioned terms will result in the forfeiture of the full amount of the bid guarantee required under Section 1032D-323, Hawaii Revised Statutes.
2. That the quantities given in the attached proposal schedule are approximate only and are intended principally to serve as a guide in determining and comparing the bids.

3. That the Department does not either expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed necessary or advisable by the Director of Transportation, and that all increased or decreased quantities of work shall be performed at the unit prices set forth in the attached proposal schedule except as provided for in the specifications.
4. In case of a discrepancy between unit prices and the totals in said Proposal Schedule, the unit prices shall prevail.
5. Unless amended by Special Provision, agrees to begin work within 10 working days after the date of notification to commence with the work, which date is in the notice to proceed, and shall finish the entire project within the time prescribed.
6. The Director of Transportation reserves the right to reject any or all bids and to waive any defects when in the Director's opinion such rejections or waiver will be for the best interest of the public.

The Bidder acknowledges receipt of and certifies that it has completely examined the following listed items: Hawaii Standard Specifications for Road and Bridge Construction, 2005, and/or the General Provisions for Construction Projects for AIR and WATER Transportation Facilities Division dated 2016, as applicable, the Notice to Bidders, Special Provisions, Proposal, Contract, Bond Forms, and Project Plans.

In accordance with Section 103D-323, Hawaii Revised Statutes, this proposal is accompanied with a bid security in the amount of 5% of the total amount bid, in the form checked below. (Check applicable bid security submitted with bid.)

_____ Surety Bid Bond (Use standard form),

_____ Cash,

_____ Cashier's Check,

_____ Certified Check, or

_____ (Fill in other acceptable security.)

The undersigned Bidder acknowledges receipt of any addendum issued by the Department by recording in the space below the date of receipt.

Addendum No. 1 _____ Addendum No. 3 _____

Addendum No. 2 _____ Addendum No. 4 _____

In accordance with Section 103D-302, Hawaii Revised Statutes, the undersigned as Bidder has listed the name of each person or firm who will be engaged by the Bidder on the project as Subcontractor or Joint Contractor and the nature of work to be done by each on the following page. The Bidder must adequately and unambiguously disclose the unique nature and scope of the work to be performed by each Subcontractor or Joint Contractor. For each listed firm, the Bidder declares the respective firm is a Subcontractor or Joint Contractor and is subject to evaluation as a Subcontractor or Joint Contractor. It is understood that failure to comply with the aforementioned requirements may be cause for rejection of the bid submitted.

SUBCONTRACTOR LISTING
(Attach additional sheets if necessary.)

	NAME OF FIRM	NATURE OF WORK
SUBCONTRACTOR:		
1.	_____	_____
	1a ¹ . _____	_____
2.	_____	_____
	2a. _____	_____
3.	_____	_____
	3a. _____	_____
4.	_____	_____
	4a. _____	_____
5.	_____	_____
	5a. _____	_____
6.	_____	_____
	6a. _____	_____
7.	_____	_____
	7a. _____	_____

NOTES:

The Name of Firm and Nature of Work shall be indicated for all listed firms. The Bidder must adequately and unambiguously disclose the unique nature and scope of the work to be performed by each Sub- or Joint Contractor.

For each listed firm, the Bidder declares the respective firm is a Sub- or Joint Contractor and subject to evaluation as a Sub- or Joint Contractor.

¹ Second tier subcontractors

JOINT CONTRACTOR LISTING
(Attach additional sheets if necessary.)

	NAME OF FIRM	NATURE OF WORK
JOINT CONTRACTOR:		
1.	_____	_____
	1a ¹ . _____	_____
2.	_____	_____
	2a. _____	_____
3.	_____	_____
	3a. _____	_____
4.	_____	_____
	4a. _____	_____
5.	_____	_____
	5a. _____	_____
6.	_____	_____
	6a. _____	_____
7.	_____	_____
	7a. _____	_____

NOTES:

The Name of Firm and Nature of Work shall be indicated for all listed firms. The Bidder must adequately and unambiguously disclose the unique nature and scope of the work to be performed by each Sub- or Joint Contractor.

For each listed firm, the Bidder declares the respective firm is a Sub- or Joint Contractor and subject to evaluation as a Sub- or Joint Contractor.

¹ Second tier joint contractors

The undersigned hereby certifies that the bid prices contained in the attached proposal schedule have been carefully checked and are submitted as correct and final.

This declaration is made with the understanding that the undersigned is subject to the penalty of perjury under the laws of the United States and is in violation of the Hawaii Penal Code, Section 710-1063, unsworn falsification to authorities, of the Hawaii Revised Statutes, for knowingly rendering a false declaration.

Bidder (Company Name)

Authorized Signature

Title

Business Address

Business Telephone

Email

Date

Contact Person (If different from above.)

Phone: _____ Email: _____

NOTE:

If Bidder is a CORPORATION, the legal name of the corporation shall be set forth above, the corporate seal affixed, together with the signature(s) of the officer(s) authorized to sign contracts for the corporation. Please attach to this page current (not more than six months old) evidence of the authority of the officer(s) to sign for the corporation.

If Bidder is a PARTNERSHIP, the true name of the partnership shall be set forth above, with the signature(s) of the general partner(s). Please attach to this page current (not more than six months old) evidence of the authority of the partner authorized to sign for the partnership.

If Bidder is an INDIVIDUAL, the bidder's signature shall be placed above.

If signature is by an agent, other than an officer of a corporation or a partner of a partnership, a POWER OF ATTORNEY must be on file with the Department before opening bids or submitted with the bid. Otherwise, the Department may reject the bid as irregular and unauthorized.

TAXIWAY C RECONSTRUCTION
DANIEL K INOUE INTERNATIONAL AIRPORT
HONOLULU, HAWAII
STATE PROJECT NO. AO1021-30
PROPOSAL SCHEDULE

Item No.	Description	Approx. Quantity (a)	Unit	Unit Price (b)	Total (a x b)
01100.1	Contractor Quality Control Program	LS	LS	LS	\$ _____
01100.2	QC/QA Workshop Subject Matter Expert	Allowance			\$ <u>25,000.00</u>
01105.1	Mobilization (10 % Maximum)	LS	LS	LS	\$ _____
01210.1	Unforeseen Conditions	Allowance			\$ <u>2,000,000.00</u>
01533.1	Temporary Barricades and Facilities Phase 1	LS	LS	LS	\$ _____
01533.2	Temporary Barricades and Facilities Phase 2	LS	LS	LS	\$ _____
01533.3	Temporary Barricades and Facilities Phase 3	LS	LS	LS	\$ _____
01533.4	Temporary Barricades and Facilities Phase 4	LS	LS	LS	\$ _____
01533.5	Temporary Barricades and Facilities Phase 5	LS	LS	LS	\$ _____
01533.6	Temporary Barricades and Facilities Phase 6	LS	LS	LS	\$ _____
01533.7	Temporary Barricades and Facilities Phase 7	LS	LS	LS	\$ _____
01533.8	Temporary Barricades and Facilities Phase 8	LS	LS	LS	\$ _____
01533.9	Temporary Barricades and Facilities Phase 9	LS	LS	LS	\$ _____
01533.10	Temporary Barricades and Facilities Phase 10	LS	LS	LS	\$ _____
01533.11	Temporary Barricades and Facilities Phase 11	LS	LS	LS	\$ _____
01533.12	Temporary Barricades and Facilities Phase 12	LS	LS	LS	\$ _____
01533.13	Temporary Barricades and Facilities Phase 13	LS	LS	LS	\$ _____
01533.14	Temporary Barricades and Facilities Phase 14	LS	LS	LS	\$ _____
01561.1	Construction Site Pollution Controls	LS	LS	LS	\$ _____
01562.1	Management of Contaminated Media, Soil Disposal, and Soil Reuse	Allowance			\$ <u>1,200,000.00</u>
01565.1	Aviation Security Services	Allowance			\$ <u>100,000.00</u>
01900.1	Project Survey and Layout	LS	LS	LS	\$ _____

Item No.	Description	Approx. Quantity (a)	Unit	Unit Price (b)	Total (a x b)
02101.1	AC Pavement Demolition (Less than 6-inches Depth)	20,000	SY	\$ _____	\$ _____
02101.2	AC Pavement Demolition (Greater than 6-inches Depth)	85,000	SY	\$ _____	\$ _____
02101.3	Cold Milling (3-inch Depth)	40,400	SY	\$ _____	\$ _____
02101.4	Removal of Existing Structures	1	EA	\$ _____	\$ _____
02101.5	Abandonment of Existing Structures	3	EA	\$ _____	\$ _____
02101.6	Pavement Marking Blackout	5,000	SF	\$ _____	\$ _____
02101.7	Pavement Marking Obliteration	12,000	SF	\$ _____	\$ _____
02101.8	Pavement Marking Mill (2-inch Depth)	63,000	SF	\$ _____	\$ _____
02151.1	Clearing and Grubbing	300	SY	\$ _____	\$ _____
02152.1	Unclassified Excavation, Material Handling, and Stockpiling	38,600	CY	\$ _____	\$ _____
02152.2	Unclassified Embankment from Off-Site Material	2,000	CY	\$ _____	\$ _____
02152.3	Performing Exported Fill Determination Process on Stockpiled Excavation Material	107	Stock-piles	\$ _____	\$ _____
02152.4	Hazardous Waste Determination Process for Stockpiled Excavation Material where Fill Material Characterization Indicates Contaminant Level is Above the Tier 1 EAL	8	Stock-piles	\$ _____	\$ _____
02152.5	Disposal of Type I Stockpiled Excavation Material	34,300	CY	\$ _____	\$ _____
02152.6	Disposal of Type II Stockpiled Excavation Material	1,100	CY	\$ _____	\$ _____
02152.7	Disposal of Type III Stockpiled Excavation Material	3,100	CY	\$ _____	\$ _____
02209.1	Crushed Aggregate Base Course (6-inch Depth)	107,000	SY	\$ _____	\$ _____
02306.1	Lean Concrete Base Course (5-inch Depth)	5,700	SY	\$ _____	\$ _____
02401.1	Asphalt Mix Pavement Surface Course	46,400	TON	\$ _____	\$ _____
02403.1	Asphalt Mix Pavement Base and Shoulder Course	62,100	TON	\$ _____	\$ _____
02501.1	Portland Cement Concrete Pavement (18-inch Depth)	5,300	SY	\$ _____	\$ _____

Item No.	Description	Approx. Quantity (a)	Unit	Unit Price (b)	Total (a x b)
02510.1	12" Cl. 53 Ductile Iron water pipe, in place complete	LS	LS	LS	\$ _____
02603.1	Emulsified Asphalt Tack Coat	38,200	GAL	\$ _____	\$ _____
02604.1	Compression Joint Seals for PCC Pavement	7,800	LF	\$ _____	\$ _____
02605.1	Joint Sealants for Pavement	1,220	LF	\$ _____	\$ _____
02608.1	Emulsified Asphalt Seal Coat	94,000	SF	\$ _____	\$ _____
02610.1	FAA Ductbank Protection Slab	540	LF	\$ _____	\$ _____
02620.1	Runway and Taxiway Markings	110,000	SF	\$ _____	\$ _____
02620.2	Temporary Runway and Taxiway Markings	11,000	SF	\$ _____	\$ _____
02620.3	Preformed Markings	4,200	SF	\$ _____	\$ _____
02620.4	Retroreflective Marker	17	EA	\$ _____	\$ _____
02701.1	36" Reinforced Concrete Pipe, Class IV, Wall B, in place complete	297	LF	\$ _____	\$ _____
02701.2	Adjust Drain Manhole Top	LS	LS	LS	\$ _____
02701.3	Concrete Pipe Spall Repair	LS	LS	LS	\$ _____
02753.1	Electrical and Utility Structure Investigation	LS	LS	LS	\$ _____
02755.1	Cured-In-Place Pipe	LS	LS	LS	\$ _____
13110.1	Corrosion Protection, in place complete	LS	LS	LS	\$ _____
16101.1	Demolition & Removal of Airport Electrical Items	LS	LS	LS	\$ _____
16128.1	Temporary Electrical Work for Construction Phasing	LS	LS	LS	\$ _____
16128.2	Permanent Miscellaneous Airport Electrical Work	LS	LS	LS	\$ _____
16301.1	Concrete Encased One 2" PVC Schedule 40 Duct	1,990	LF	\$ _____	\$ _____
16301.2	Concrete Encased Four 2" PVC Schedule 40 Ducts	380	LF	\$ _____	\$ _____
16560.1	Salvage Taxiway Light and Associated Isolation Transformer and Provide Blank Cover Plate	13	EA	\$ _____	\$ _____
16560.2	Salvage Taxiway Light and Transformer	23	EA	\$ _____	\$ _____
16560.3	Remove No. 8 AWG, 5 kV, Taxiway Lighting Cables	6,130	LF	\$ _____	\$ _____

Item No.	Description	Approx. Quantity (a)	Unit	Unit Price (b)	Total (a x b)
16560.4	Elevated Taxiway Edge Light Including Light Base and Isolation Transformer	31	EA	\$ _____	\$ _____
16560.5	No. 8 AWG, 5 kV, Taxiway Lighting Cables	5,440	LF	\$ _____	\$ _____
16560.6	Electrical Field Investigation Plan	LS	LS	LS	\$ _____
16560.7	Electrical Work Plan	LS	LS	LS	\$ _____
TOTAL AMOUNT FOR COMPARISON OF BIDS					\$ _____

The prices bid herein shall include all labor, materials, equipment, and incidentals necessary to construct all items in place, including installation and testing of equipment, complete and ready for operation, all in accordance with the plans and specifications.

Notes:

1. Bid shall include all Federal, State, County and other applicable taxes and fees.
2. The TOTAL AMOUNT FOR COMPARISON OF BIDS shall be used to determine the lowest, responsive, responsible bidder.
3. Bidders shall complete all unit prices and amounts. Failure to do so shall be grounds for rejection of Bid.
4. If a discrepancy occurs between the unit price and the total, the unit price shall govern.
5. The State reserves the right to reject any or all Bids and to waive any defects in said Bids in the best interest of the State.
6. Submission of a Bid is a warranty that the bidder has made an examination of the project site and is fully aware of all conditions to be encountered in performing the work and the requirements of the plans and specifications.
7. The bidder's attention is directed to Section 2.11 – BID SECURITY of the "General Provisions", as amended by the Special Provisions.
8. Bidders shall be paid for actual work performed as directed by the Engineer for allowance items. Bidder will not be paid overhead and profit for unused allowance funds.
9. If the TOTAL AMOUNT FOR COMPARISON OF BIDS exceeds the funds available for the project, then the State reserves the right to negotiate with the lowest, responsive, responsible bidder as permitted under Section 103D-302, Hawaii Revised Statutes (HRS), to further reduce the scope of work and award a contract thereafter.
10. **Bidders shall submit and upload the complete proposal to HIePRO prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Any additional supporting documents explicitly designated as confidential and/or proprietary shall be uploaded as a separate file to HIePRO. Do not include confidential and/or proprietary documents with the proposal. The record of each bidder and respective bid**

shall be open to public inspection. Original (wet ink, hard copy) proposal documents are not required to be submitted. **Contract award shall be based on evaluation of proposals submitted and uploaded to HiePRO.**

**FAILURE TO UPLOAD THE COMPLETE PROPOSAL TO HiePRO SHALL BE
GROUNDS FOR REJECTION OF THE BID.**

If there is a conflict between the specification document and the HiePRO solicitation, the specifications shall govern and control unless otherwise specified.

SUPPLEMENT TO PROPOSAL SCHEDULE

The Department recognizes that certain items of material to be incorporated into the project and/or consumed in the prosecution of the project are temporarily in short supply and beyond the control and without the fault of the Contractor. The effect of such shortages has, among other things, resulted in periodic fluctuations in the posted prices of such short supply materials, thereby making the proposal difficult for the Contractor to bid with confidence.

The only materials considered to be in short supply are asphalt cement, portland cement, reinforcing steel, structural steel and galvanized steel.

Each bidder shall submit with the proposal a written statement from the supplier of each short supply material indicating the supplier's current posted price, effective date of that price and the location of the material at that posted price (by island).

If the price of such short supply material is increased or decreased by more than 5% by the supplier prior to the completion of that contract item requiring the short supply material, the Contractor shall submit to the Department a written statement from the supplier indicating the effective date and changed price the Contractor will thereafter be charged for such short supply material. The Contractor shall also obtain whenever possible, quotations for furnishing the material from other available local suppliers. The quotations shall be obtained sufficiently in advance of the need for the material to allow review by the Department so as not to delay the work. The Contractor's request to the Department for adjusted compensation due to such changed prices will be computed only with prices in effect at the time of delivery. Only the lowest quotation obtained will be accepted by the Department. Transportation, handling, loading, processing and other similar costs will not be subject to adjusted compensation.

No adjustment to the unit bid prices will be made when the increase or decrease in the price of the short material is less than 5% of the original posted price.

If the adjustment to the unit bid price is decreased in the price of the short supply material by more than 5% of the original posted price, the State will be credited. The Contractor shall notify the State within five (5) working days in the event of such an occurrence.

When an adjustment in price is made in accordance with this section, the adjustment will be allowed only so long as the purchase price remains more or less than 5% of the original posted price.

If an increase in the price of any short supply material exceeds or is scheduled to exceed 5% of the original posted price, the Contractor must notify the State within five (5) working days before using the short supply material. Upon receipt of such notification from the Contractor, the State will direct the Contractor to either (1) authorize work to proceed as usual with the assurance that the indicated incremental price increase above the

5% will be compensable, (2) issue such change orders as the State may deem necessary to reduce further requirements of the short supply material which is to be paid at the increase price, or (3) if the material is considered to have priced itself beyond reason or beyond what the State can pay, the State may order cessation of further use of such short supply material on the project. Such notification by the Contractor will be required at each instance of incremental price increase above the 5% limit. If the Contractor fails to notify the State of any such incremental price increase within five (5) working days before using the short supply material and continues to utilize the short supply material on the project, the State will not be responsible for payment for the incremental cost increase of which the State was not forewarned.

Computation for the adjusted compensation will be as follows:

(A) Portland Cement

If, X = Adjustment per cubic yard of concrete,

P = Portland cement content of the approved mix design expressed in hundredweight per cubic yard of concrete,

Q = Increase or decrease in the price of portland cement in dollars per hundredweight,

Then, $X = QP$

Example: Posted price of Portland cement increases from \$1.40 to \$1.70 per cwt. and the hundredweight (cwt) of concrete is 5.6 cwt per c.y., then the adjustment will be:

$$\begin{aligned}
 \$1.70 - \$1.40 &= \$0.30 \\
 (\$1.40) \times (5\%) &= \$0.07 \\
 \$0.30 - \$0.07 &= \$0.23 \\
 X &= (\$0.23) \times (5.6) \\
 &= \$1.29 \text{ per c.y. of concrete}
 \end{aligned}$$

(B) Asphalt Cement

If, X = Adjustment per ton of mix,

P = Asphalt cement content, expressed in percentage of dry weight of the aggregates, as determined and accepted by the Department for each of the design plant mixes,

Q = Increase or decrease in the price of asphalt cement, in dollars per ton,

Then, $X = Q \times (P) \div (100 + P)$

Example: Posted price of asphalt concrete increases from \$70 to \$80 per ton and the asphalt content of the A.C. mix was accepted at 6.0%, then the adjustment shall be:

$$\begin{aligned}
 \$80.00 - \$70.00 &= \$10.00 \\
 (\$70.00) \times (5\%) &= \$3.50 \\
 \$10.00 - \$3.50 &= \$6.50 \\
 X &= \$6.50 \times 6 / (100 + 6) \\
 &= \$0.37 \text{ per ton A.C. mix}
 \end{aligned}$$

(C) Reinforcing Steel

If, X = Adjustment for reinforcing steel,

P = Weight of reinforcing steel, expressed in hundredweight,

Q = Increase or decrease in the price of reinforcing steel in dollars per hundredweight,

Then, $X = QP$

Example: Posted price of grade 40 reinforcing steel increases from \$14.00 to \$15.00 per cwt and the weight of the grade 40 reinforcing steel is 80,000 pounds, then the adjustment shall be:

$$\begin{aligned}
 \$15.00 - \$14.00 &= \$1.00 \\
 (\$14.00) \times (5\%) &= \$0.70 \\
 \$1.00 - \$0.70 &= \$0.30 \\
 X &= (\$0.30) \times (800) \\
 &= \$240 \text{ for grade 40 reinforcing steel}
 \end{aligned}$$

The contractor shall submit to the Department original receipted bills covering the short supply material used on the project as soon as practicable after shipments are completed. The bills shall be accompanied by a tabulation on which the bills are listed in chronological order showing for each bill the quantity, the date shipped from the supplier's terminal and the price per unit at the place indicated in the posted price (reflecting any deductions for quantity shipments). These bills shall be subject to audit verification.

The Department reserves the right to alter the quantities of material to be furnished in accordance with the provisions of General Provisions, Article IV, Section 4.2 – CHANGES.

The Department also reserves the right, during construction, to decrease or increase the scope of work, because of limitations of funds, with no adjustment in unit prices other than that specified hereinabove.

Price increases as specified hereinabove shall not exceed the remaining unpaid balance in the contract at any point in time without prior review and approval from the State Project Manager or designated representative.

SURETY BID BOND

Bond No. _____

KNOW TO ALL BY THESE PRESENTS:

That we, _____
(full name or legal title of offeror)

as Offeror, hereinafter called the Principal, and

(name of bonding company)

as Surety, hereinafter called Surety, a corporation authorized to transact business as a
Surety in the State of Hawaii, are held and firmly bound unto

(State/county entity)

as Owner, hereinafter called Owner, in the penal sum of

(required amount of bid security)

Dollars (\$ _____), lawful money of the United States of America,
for the payment of which sum well and truly to be made, the said Principal and the said
Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly
and severally, firmly by these presents.

WHEREAS:

The Principal has submitted an offer for

(project by number and brief description)

NOW, THEREFORE:

The condition of this obligation is such that if the Owner shall reject said offer, or in
the alternate, accept the offer of the Principal and the Principal shall enter into a contract
with the Owner in accordance with the terms of such offer, and give such bond or bonds
as may be specified in the solicitation or Contract Documents with good and sufficient
surety for the faithful performance of such Contract and for the prompt payment of labor
and material furnished in the prosecution thereof as specified in the solicitation then this
obligation shall be null and void, otherwise to remain in full force and effect.

Signed this _____ day of _____, _____

Name of Principal (Offeror) (Seal)

Signature

Title

Name of Surety (Seal)

Signature

Title

CERTIFICATION OF COMPLIANCE WITH FAA BUY AMERICAN PREFERENCE – CONSTRUCTION PROJECTS

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with their proposal. The bidder or offeror must indicate how they intend to comply with 49 USC § 50101, the Bipartisan Infrastructure Law (BIL) Build America, Buy America Act (BABA), and other related Made in America Laws, U.S. statutes, guidance, and FAA policies, by selecting one of the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (i.e., not both) by inserting a checkmark (✓) or the letter “X”.

- ☐ Bidder or offeror hereby certifies that it will comply with 49 USC § 50101, BABA, and other related Made in America Laws, U.S. statutes, guidance, and policies of the FAA by:
- a) Only installing iron, steel, and manufactured products produced in the United States;
 - b) Only installing construction materials defined as an article, material, or supply – other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives – that are or consist primarily of non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); lumber; or drywall that have been manufactured in the United States;
 - c) Installing manufactured products for which the Federal Aviation Administration (FAA) has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing; or
 - d) Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the bidder or offeror agrees:

- 1. To provide to the Airport Sponsor or the FAA evidence that documents the source and origin of the iron, steel, and/or manufactured product.
- 2. To faithfully comply with providing U.S. domestic products.
- 3. To furnish U.S. domestic product for any waiver request that the FAA rejects.
- 4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- 5. To certify that all construction materials used in the project are manufactured in the U.S.

- ☐ The bidder or offeror hereby certifies it cannot comply with the 100 percent Buy American Preferences of 49 USC § 50101(a) and BABA but may qualify for a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the bidder or offeror agrees:
- 1. To submit to the Airport Sponsor within five (5) calendar days after bid opening, a formal waiver request and required documentation that supports the type of waiver being requested.
 - 2. That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination that may result in rejection of the proposal.

3. To faithfully comply with providing U.S. domestic products at or above the approved U.S. domestic content percentage as approved by the FAA.
4. To furnish U.S. domestic product for any waiver request that the FAA rejects.
5. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

Required Documentation

Type 2 Waiver (Nonavailability) – The iron, steel, manufactured goods or construction materials are not available in sufficient quantity or quality in the United States. The required documentation for a Type 2 Nonavailability waiver is:

- a) Completed Content Percentage Worksheet and Final Assembly Questionnaire.
- b) Record of thorough market research, consideration where appropriate of qualifying alternate items, products, or materials including;
- c) A description of the market research activities and methods used to identify domestically manufactured items capable of satisfying the requirement, including the timing of the research and conclusions reached on the availability of sources.

Type 3 Waiver – The cost of components and subcomponents produced in the United States is more than 60 percent of the cost of all components and subcomponents of the “facility/project”. The required documentation for a Type 3 waiver is:

- a) Completed Content Percentage Worksheet and Final Assembly Questionnaire including;
- b) Listing of all manufactured products that are not comprised of 100 percent U.S. domestic content (excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety).
- c) Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly and installation at project location.
- d) Percentage of non-domestic component and subcomponent cost as compared to total “facility/project” component and subcomponent costs, excluding labor costs associated with final assembly and installation at project location.

Type 4 Waiver (Unreasonable Costs) – Applying this provision for iron, steel, manufactured goods or construction materials would increase the cost of the overall project by more than 25 percent. The required documentation for a Type 4 Unreasonable Costs waiver is:

- a) A completed Content Percentage Worksheet and Final Assembly Questionnaire including;
- b) At minimum, two comparable equal bids and/or offers.
- c) Receipt or record that demonstrates that supplier scouting called for in Executive Order 14005 indicates that no domestic source exists for the project and/or component.
- d) Completed waiver applications for each comparable bid and/or offer.

False Statements: Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

Bidder (Company Name)

Signature

Date

Name and Title of Signing Official

limits of removal because the pavement was damaged by negligence on the part of the Contractor shall not be included in the measurement for payment. No direct measurement or payment shall be made for saw cutting. Saw cutting shall be incidental to pavement removal.

101-4.3 Cold Milling (3-inch Depth). The unit of measure for cold milling shall be the number of square yards milled to a uniform depth of 3in. The location and depth of the cold milling shall be as shown on the plans and approved on the Contractors' submitted milling plan. If the initial cut does not correct the condition, the Contractor shall re-mill the area and will be paid for the total depth of milling.

101-4.4 Removal of Existing Structures. The unit of measurement for structure removal shall be the number of units removed and hauled off-site regardless of its size.

101-4.5 Abandonment of Existing Structures. The unit of measurement for structure abandonment shall be the number of units abandoned in place, regardless of its size.

101-4.6 Pavement Marking Blackout shall be measured by the number of square feet of markings blacked out and accepted by the RPR. Surface preparation shall not be measured and shall be considered incidental to the application of the pavement markings.

101-4.7 Pavement Marking Obliteration shall be measured by the number of square feet of paint removed, obliterated and accepted by the RPR.

101-4.8 Pavement Marking Mill (2-inch Depth) shall be measured by the number of square feet of **AC pavement milled** and accepted by the RPR.

BASIS OF PAYMENT

101-5.1 AC Pavement Demolition (Less than 6-inches Depth). Pavement demolition shall be paid at the contract unit price per square yard. This shall be full compensation for the pavement full depth saw cutting, demolition and removal, hauling, separation, crushing pavement materials, and stockpiling to be used on other contract bid items. Contract price shall include hauling and disposing of excess material at an authorized waste facility if required. This price shall be full compensation for furnishing all materials and for all preparation, saw cutting, hauling, and stockpiling of the material and for all labor, equipment, tools and incidentals necessary to complete this item.

101-5.2 AC Pavement Demolition (Greater than 6-inches Depth). Pavement demolition shall be paid at the contract unit price per square yard. This shall be full compensation for the pavement full depth saw cutting, demolition and removal, hauling, separation, crushing pavement materials, and stockpiling to be used on other contract bid items. Contract price shall include hauling and disposing of excess material at an authorized waste facility if required. This price shall be full compensation for furnishing all materials and for all preparation, hauling, and stockpiling of the material and for all labor, equipment, tools and incidentals necessary to complete this item.

101-5.3 Cold Milling (3-inch Depth). Cold milling shall be paid at the contract unit price per square yard. This shall be full compensation for milling, stockpiling, hauling and disposal at an authorized waste facility. This price shall be full compensation for furnishing all materials and

for all preparation, hauling, and waste fees and for all labor, equipment, tools and incidentals necessary to complete this item.

101-5.4 Removal of Existing Structures. Structure removal shall be paid at the contract unit price per each, regardless of its size. This shall be full compensation for excavation, removal, stockpiling, hauling and disposal of the structure offsite at an authorized waste facility. This price shall be full compensation for furnishing all materials and for all preparation, hauling, and waste fees and for all labor, equipment, tools and incidentals necessary to complete this item.

101-5.5 Abandonment of Existing Structures. Structure abandonment shall be paid at the contract unit price per each, regardless of its size. This shall be full compensation for excavation, partial removal of existing structure below final finished surface elevation as shown on the Contract Plans, stockpiling, hauling and disposal of the structure at an authorized waste facility. This price shall be full compensation for furnishing all materials and for all preparation, removal, hauling, and waste fees and for all labor, equipment, tools and incidentals necessary to complete this item.

101-5.6 Pavement Marking Blackout shall be paid at the contract unit price by the number of square feet of existing markings blacked out and accepted by the RPR. This price shall be full compensation for furnishing all materials and for all surface preparation, hauling, and waste fees and for all labor, equipment, tools, and incidentals necessary to complete this item.

101-5.7 Pavement Marking Obliteration shall be paid at the contract unit price for the number of square feet of paint removed, obliterated and accepted by the RPR. This price shall be full compensation for furnishing all materials and for all surface preparation, hauling, and waste fees and for all labor, equipment, tools, and incidentals necessary to complete this item.

101-5.8 Pavement Marking Mill (2-inch Depth) shall be paid at the contract unit price by the number of square feet of AC pavement milled and accepted by the RPR. This price shall be full compensation for furnishing all materials and for all surface preparation, hauling, and waste fees and for all labor, equipment, tools, and incidentals necessary to complete this item.

Payment will be made under:

Item No.	Description	Unit
02101.1	AC Pavement Demolition (Less than 6-inches Depth)	Square Yard
02101.2	AC Pavement Demolition (Greater than 6-inches Depth)	Square Yard
02101.3	Cold Milling (3-inch Depth)	Square Yard
02101.4	Removal of Existing Structures	Each
02101.5	Abandonment of Existing Structures	Each
02101.6	Pavement Marking Blackout	Square Foot
02101.7	Pavement Marking Obliteration	Square Foot
02101.8	Pavement Marking Mill (2-inch Depth)	Square Foot

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

Advisory Circulars (AC)

AC 150/5380-6 Guidelines and Procedures for Maintenance of Airport Pavements.

ASTM International (ASTM)

ASTM D6690 Standard Specification for Joint and Crack Sealants, Hot Applied,
for Concrete and Asphalt Pavements

END OF ITEM P-101

-----END OF SECTION 02101-----

SECTION 02152 - EXCAVATION, SUBGRADE, AND EMBANKMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. The General Provision of the contract, including the General Provisions for Construction Projects (2016), Special Provisions, and General Requirements of the Specifications, apply to the work specified in this section. This Section shall be in accordance with FAA Specification Item P-152: Excavation, Subgrade, and Embankment, as included as an attachment to this Section.

1.2 DESCRIPTION OF WORK

- A. This Section covers excavation, placement, and compaction of all materials within the limits of the work required to construct safety areas, runways, taxiways, aprons, and intermediate areas as well as other areas for drainage, building construction, parking, or other purposes in accordance with these specifications and in conformity to the dimensions and typical sections shown on the plans and the material handling, stockpiling, testing (sampling and analysis) and off-site disposal of all excess excavated materials.

1.3 RELATED WORK SPECIFIED ELSEWHERE

- A. Section 01300 – Submittals
- B. Section 01561 – Construction Site Runoff Control Program
- C. Section 01562 – Management of Contaminated Medias
- D. Section 02315 – Trenching and Backfill
- E. Section 02903 – Sprigging; FAA Specification Item T-903
- F. Section 02905 – Topsoiling; FAA Specification Item T-905

1.4 REFERENCES

- A. Federal Aviation Administration (FAA)
 - 1. FAA Specification Item P-152: Excavation, Subgrade, and Embankment.
 - 2. FAA Specification Item T-905: Topsoiling
- B. State of Hawai'i
 - 1. State of Hawai'i Contingency Plan (Hawaii Administrative Rules [HAR] 11-451).
 - 2. Guidance for Soil Stockpile Characterization and Evaluation of Imported and Exported Fill Material, State of Hawai'i Department of Health (HDOH), Hazard Evaluation and Emergency Response (HEER) Office Honolulu, Hawai'i, October 2017.
 - 3. Technical Guidance Manual for Characterization and Remediation of Contaminated Properties, HDOH, May 2025.
 - 4. Interim Soil and Water Environmental Action Levels (EALs) for Perfluoroalkyl and Polyfluoroalkyl Substances (PFASs), HDOH, February, 2025.
- C. Programmatic Environmental Hazard Evaluation/Environmental Hazard Management Plan, Hawaii Department of Transportation Airports Division, September 2024.

1.5 SUBMITTALS

- A. Submit in accordance with Section 01300 – Submittals.
- B. Final C-EHMP approved by the HDOH HEER Office
- C. Stockpile Management Plan in accordance with Paragraph 3.3 below.
- D. Survey notes of the elevations and measurements of the ground surface shall be submitted in accordance with FAA Specification Item P-152; paragraph 152-2.2.
- E. Unclassified Embankment (from Off-site Material).
- F. Daily compaction and density test results, on a lot basis, shall be submitted to the RPR for acceptance in accordance with FAA Specification Item P-152; paragraph 152-2.8.
- G. Final smoothness and grade check results shall be submitted in accordance with FAA Specification Item P-152, paragraph 152-2.13.

PART 2 - PRODUCTS

- 2.1 Off-site Embankment Fill material shall consist of approved material required for the construction of embankments or for other portions of the work in excess of the quantity of usable material available from required excavations. Off-site Embankment fill material shall be quarry produced intended for use as select borrow on HDOT transportation projects.

PART 3 - EXECUTION

- 3.1 Execution shall be in accordance with FAA Specification Item P-152 and as described below.
- 3.2 All excavated material beneath existing pavements to be demolished down to the new subgrade elevations and not used in embankment construction shall be transported and stockpiled as shown on the Plans. The Contractor shall coordinate with the HDOH HEER Office and follow HDOH HEER Office guidance and procedures to characterize the stockpiled excavation materials (including for PFASs). The Contractor shall then dispose of the stockpiled excavation materials based on the characterization results in accordance Specifications Section 01562, the C-EHMP, and all local, state and Federal laws and regulations.
- 3.3 Contractor shall prepare a Stockpile Management Plan (SMP) under the supervision of a Qualified Environmental Professional as defined in Section 01562. The Contractor shall contract directly with the Qualified Environmental Professional. The SMP shall, at a minimum, contain the following elements:
 - A. Sampling and Analysis Plan (SAP) for the characterization of stockpiled excavation material as approved by the HDOH HEER Office. Contractor shall follow sampling requirements identified in the C-EHMP (Appendix B), including analytical compounds, and confirm with identified disposal facilities if any additional analyses are required for material to be accepted for disposal.
 - B. Laboratories to be used to perform the characterization analysis, with confirmation that the identified laboratories have detection limits below Tier 1 Environmental Action Levels (EALs).

- C. Sequencing and scheduling of stockpile generation, characterization and final disposal in accordance with the phased construction requirements. There is limited available space to store stockpiled excavation materials. Excavated materials shall be characterized, removed and disposed of off Airport property as soon as possible, and in accordance with all local, state and Federal laws and regulations.
 - D. Process for tracking excavation materials including project location where material was excavated including phase, station and offset for each 400 cubic yard quantity to be stockpiled for characterization, numbering system for labeling the stockpiles in the field, record keeping process for characterization results for each stockpile and corresponding manifests and receipts associated with the final disposal for each stockpile.
 - E. Proposed stabilization means and methods for maintaining construction access around the stockpile sites.
 - F. Restoration plan for returning stockpile sites to their original condition including irrigation plan for sprigging.
 - G. Dust control measures to be followed during excavation, transport of excavated materials, stockpile formation, and stockpile tarping.
- 3.4 Contractor shall follow the requirements provided by Hawaii Fueling Facilities Corporation (HFFC)/Signature Aviation when excavating in the vicinity of jet fuel structures:
- A. While working in the area of the access ports, contact HFFC/Signature Aviation to provide an onsite field representative for inspections and/or construction oversight associated with their assets.

Contact: Apolosio Sua (Terminal & Pipeline Maintenance Manager, HNL – M&O)
Phone: (808)833-3291
Email: apolosio.sua@signatureaviation.com
 - B. All access ports shall remain in service and will remain flush with grade.
 - C. When excavating in the area, use caution not to damage the access ports or the concrete encasement associated with them. A backhoe may only be used to excavate existing asphalt or concrete paving. Once the asphalt/pavement is removed the precise location of the pipelines/conduits shall be completed by means of hand digging or probing. Once located, the use of power equipment may be authorized after the following measures have been met:
 - A representative or owner of the pipeline has been notified and is present or declined to be present.
 - Any electrical conduit is safely encased in concrete.
 - The responsible person authorizes the work to continue.
 - D. If the access ports or the components associated with them are accidentally damaged, notify HFFC/Signature Aviation to provide repair/replacement procedures (Note: Significant cost and time delays may occur to procure the repair materials and/or to provide qualified personnel to make the repairs).
 - E. If any wires are exposed in proximity to the access ports, immediately notify HFFC/Signature for inspection of the wires.

PART 4 - MEASUREMENT AND PAYMENT

4.1 METHOD OF MEASUREMENT

A. Method of measurement and payment shall be in accordance with FAA Specification Item P-152, paragraph 152-3.1 to 3.7.

4.2 BASIS OF PAYMENT

A. Basis for payment shall be in accordance with FAA Specification Item P-152, paragraph 152-4.1 to 4.7.

PART 5 - ATTACHMENTS

5.1 FAA Specification Item P-152 Excavation, Subgrade, and Embankment.

5.2 Potholing of existing utilities was performed to verify depths to the utilities that cross below the taxiway reconstruction. Approximately 10 CY was removed and tested for disposal in accordance with HDOH requirements. See Attachment A for TWY C Potholing Investigation – Associated Documents.

P-152 Excavation, Subgrade, and Embankment

DESCRIPTION

152-1.1 This item covers excavation, disposal, placement, and compaction of all materials within the limits of the work required to construct safety areas, runways, taxiways, aprons, and intermediate areas as well as other areas for drainage, building construction, parking, or other purposes in accordance with these specifications and in conformity to the dimensions and typical sections shown on the plans.

152-1.2 Classification. All material excavated shall be classified as defined below:

a. Unclassified Excavation from On-Site Material. This item shall consist of unclassified excavation of all material, regardless of its nature in forming and preparing pavement subgrade and embankment from on-site material within the project area.

b. Unclassified Off-site Embankment fill. This item shall consist of unclassified embankment fill used in forming and preparing pavement subgrade and embankment from off-site material within the project area

CONSTRUCTION METHODS

152-2.1 General. Before beginning excavation, grading, and embankment operations in any area, the area shall be cleared or cleared and grubbed in accordance with Item P-151.

The suitability of material to be placed in embankments shall be subject to approval by the RPR. All excavated materials shall be disposed of off airport property in accordance with Specifications Section 02152. All stockpile areas shall be maintained as shown on the Plans.

When the Contractor's excavating operations encounter artifacts of historical or archaeological significance, the operations shall be temporarily discontinued and the RPR notified per Section 70, paragraph 70-20. At the direction of the RPR, the Contractor shall excavate the site in such a manner as to preserve the artifacts encountered and allow for their removal. Such excavation will be paid for as extra work.

Areas outside the limits of the pavement areas where the top layer of soil has become compacted by hauling or other Contractor activities shall be scarified and disked to a depth of 4 inches , to loosen and pulverize the soil. Stones or rock fragments larger than 4 inches in their greatest dimension will not be permitted in the top 6 inches of the subgrade.

If it is necessary to interrupt existing surface drainage, sewers or under-drainage, conduits, utilities, or similar underground structures, the Contractor shall be responsible for and shall take all necessary precautions to preserve them or provide temporary services. When such facilities are encountered, the Contractor shall notify the RPR, who shall arrange for their removal if necessary. The Contractor, at their own expense, shall satisfactorily repair or pay the cost of all damage to such facilities or structures that may result from any of the Contractor's operations during the period of the contract.

152-2.2 Excavation. No excavation shall be started until the work has been staked out by the Contractor and the RPR has obtained from the Contractor, the survey notes of the elevations and

measurements of the ground surface. The Contractor and RPR shall agree that the original ground lines shown on the original topographic mapping are accurate, or agree to any adjustments made to the original ground lines.

Digital terrain model (DTM) files of the existing surfaces, finished surfaces and other various surfaces were used to develop the design plans. Electronic copies of DTM files and original topographic survey will be issued to the Contractor.

Existing grades on the design cross sections or DTM's, where they do not match the locations of actual spot elevations shown on the topographic map, were developed by computer interpolation from those spot elevations. Prior to disturbing original grade, Contractor shall verify the accuracy of the existing ground surface by verifying spot elevations at the same locations where original field survey data was obtained as indicated on the topographic map. Contractor shall recognize that, due to the interpolation process, the actual ground surface at any particular location may differ somewhat from the interpolated surface shown on the design cross sections or obtained from the DTM's. Contractor's verification of original ground surface, however, shall be limited to verification of spot elevations as indicated herein, and no adjustments will be made to the original ground surface unless the Contractor demonstrates that spot elevations shown are incorrect. For this purpose, spot elevations which are within 0.1 foot of the stated elevations for ground surfaces, or within 0.04 foot for hard surfaces (pavements, buildings, foundations, structures, etc.) shall be considered "no change". Only deviations in excess of these will be considered for adjustment of the original ground surface. If Contractor's verification identifies discrepancies in the topographic map, Contractor shall notify the RPR in writing at least two weeks before disturbance of existing grade to allow sufficient time to verify the submitted information and make adjustments to the design cross sections or DTM's. Disturbance of existing grade in any area shall constitute acceptance by the Contractor of the accuracy of the original elevations shown on the topographic map for that area.

All areas to be excavated shall be stripped of vegetation and topsoil. Topsoil shall be stockpiled for future use in areas designated on the plans or by the RPR. All suitable excavated material shall be used in the formation of embankment, subgrade, or other purposes as shown on the plans. All unsuitable material shall be disposed of as shown on the plans.

The grade shall be maintained so that the surface is well drained at all times. When necessary, temporary drains and drainage ditches shall be installed to intercept or divert surface water that may affect the work.

When the volume of the excavation exceeds that required to construct the embankments to the grades as indicated on the plans, the excess shall be disposed of legally off of Airport property. When the volume of excavation is not sufficient for constructing the embankments to the grades indicated, the deficiency shall be obtained from on-site sources as approved by the RPR.

a. Selective grading. When selective grading is indicated on the plans, the more suitable material designated by the RPR shall be used in constructing the embankment or in capping the pavement subgrade. If, at the time of excavation, it is not possible to place this material in its final location, it shall be stockpiled in approved areas until it can be placed. The more suitable material shall then be placed and compacted as specified. Selective grading shall be considered incidental to the work involved. The cost of stockpiling and placing the material shall be included in the various pay items of work involved.

b. Undercutting. Rock, shale, hardpan, loose rock, boulders, or other material unsatisfactory for safety areas, subgrades, roads, shoulders, or any areas intended for turf shall be excavated to a

minimum depth of 12 inches below the subgrade or to the depth specified by the RPR. Muck, peat, matted roots, or other yielding material, unsatisfactory for subgrade foundation, shall be removed to the depth specified. Unsuitable materials shall be disposed off the airport. This excavated material shall be considered unforeseen and paid for as part of the Allowance pay item. The excavated area shall be backfilled with suitable material obtained from an off-site source and compacted to specified densities. The necessary backfill will constitute a part of the embankment. Where rock cuts are made, backfill with select material. Any pockets created in the rock surface shall be drained in accordance with the details shown on the plans. Undercutting will be paid as unclassified excavation

c. Over-break. Over-break, including slides, is that portion of any material displaced or loosened beyond the finished work as planned or authorized by the RPR. All over-break shall be graded or removed by the Contractor and disposed of as directed by the RPR. The RPR shall determine if the displacement of such material was unavoidable and their own decision shall be final. Payment will not be made for the removal and disposal of over-break that the RPR determines as avoidable. Unavoidable over-break will be classified as “Unclassified Excavation.”

d. Removal of utilities. The removal of existing structures and utilities required to permit the orderly progress of work will be accomplished by the Contractor as indicated on the plans. All existing foundations shall be excavated at least 2 feet below the top of subgrade or as indicated on the plans, and the material disposed of as directed by the RPR. All foundations thus excavated shall be backfilled with suitable material and compacted as specified for embankment or as shown on the plans.

152-2.3 Borrow excavation. Borrow areas are not required

152-2.4 Drainage excavation. Drainage excavation shall consist of excavating drainage ditches including intercepting, inlet, or outlet ditches; or other types as shown on the plans. The work shall be performed in sequence with the other construction. Ditches shall be constructed prior to starting adjacent excavation operations. All excavated material shall be disposed of legally off of Airport property. All necessary work shall be performed true to final line, elevation, and cross-section. The Contractor shall maintain ditches constructed on the project to the required cross-section and shall keep them free of debris or obstructions until the project is accepted.

152-2.5 Preparation of cut areas or areas where existing pavement has been removed. In those areas on which a subbase or base course is to be placed, the top 12 inches of subgrade shall be compacted to not less than 100 % of maximum density for non-cohesive soils, and 95% of maximum density for cohesive soils as determined by ASTM **D1557**. As used in this specification, “non-cohesive” shall mean those soils having a plasticity index (PI) of less than 3 as determined by ASTM D4318.

Contractor shall perform topographic survey of the area once pavement is removed. This shall be the surface from which the final subgrade surface is measured against for computation of excavation quantities. Contractor may use existing pavement grades and subtract the existing pavement thickness to obtain the pre-excavation surface if it can be agreed to with the RPR as an alternate to the Contractor survey. The final subgrade surface may be obtained from the DTM files following Contractor verification described in paragraph 152-2.2. RPR may conduct spot checks

to confirm accuracy of Contractor survey and must approve any Contractor surveys used in quantity calculations. Contractor surveys shall be performed and stamped by licensed land surveyor.

152-2.6 Preparation of embankment area. All sod and vegetative matter shall be removed from the surface upon which the embankment is to be placed. The cleared surface shall be broken up by plowing or scarifying to a minimum depth of 6 inches and shall then be compacted per paragraph 152-2.10.

Sloped surfaces steeper than one (1) vertical to four (4) horizontal shall be plowed, stepped, benched, or broken up so that the fill material will bond with the existing material. When the subgrade is part fill and part excavation or natural ground, the excavated or natural ground portion shall be scarified to a depth of 12 inches and compacted as specified for the adjacent fill.

No direct payment shall be made for the work performed under this section. The necessary clearing and grubbing and the quantity of excavation removed will be paid for under the respective items of work.

152-2.7 Control Strip. The first half-day of construction of subgrade and/or embankment shall be considered as a control strip for the Contractor to demonstrate, in the presence of the RPR, that the materials, equipment, and construction processes meet the requirements of this specification. The sequence and manner of rolling necessary to obtain specified density requirements shall be determined. The maximum compacted thickness may be increased to a maximum of 12 inches upon the Contractor's demonstration that approved equipment and operations will uniformly compact the lift to the specified density. The RPR must witness this demonstration and approve the lift thickness prior to full production.

Control strips that do not meet specification requirements shall be reworked, re-compacted, or removed and replaced at the Contractor's expense. Full operations shall not begin until the control strip has been accepted by the RPR. The Contractor shall use the same equipment, materials, and construction methods for the remainder of construction, unless adjustments made by the Contractor are approved in advance by the RPR.

152-2.8 Formation of embankments. The material shall be constructed in lifts as established in the control strip, but not less than 6 inches nor more than 12 inches of compacted thickness.

When more than one lift is required to establish the layer thickness shown on the plans, the construction procedure described here shall apply to each lift. No lift shall be covered by subsequent lifts until tests verify that compaction requirements have been met. The Contractor shall rework, re-compact and retest any material placed which does not meet the specifications.

The lifts shall be placed, to produce a soil structure as shown on the typical cross-section or as directed by the RPR. Materials such as brush, hedge, roots, stumps, grass and other organic matter, shall not be incorporated or buried in the embankment.

Earthwork operations shall be suspended at any time when satisfactory results cannot be obtained due to rain, freezing, or other unsatisfactory weather conditions in the field. Frozen material shall not be placed in the embankment nor shall embankment be placed upon frozen material. Material shall not be placed on surfaces that are muddy, frozen, or contain frost. The Contractor shall drag, blade, or slope the embankment to provide surface drainage at all times.

The material in each lift shall be within $\pm 2\%$ of optimum moisture content before rolling to obtain the prescribed compaction. The material shall be moistened or aerated as necessary to achieve a uniform moisture content throughout the lift. Natural drying may be accelerated by blending in dry material or manipulation alone to increase the rate of evaporation.

The Contractor shall make the necessary corrections and adjustments in methods, materials or moisture content to achieve the specified embankment density.

The RPR will take samples of excavated materials which will be used in embankment for testing to obtain a Moisture-Density Relations of Soils Report (Proctor) in accordance with D1557. A new Proctor shall be obtained for each soil type based on visual classification.

Density tests will be taken by the RPR for every 3,000 square yards of compacted embankment for each lift which is required to be compacted, or other appropriate frequencies as determined by the RPR.

If the material has greater than 30% retained on the 3/4-inch sieve, follow AASHTO T-180 Annex Correction of maximum dry density and optimum moisture for oversized particles.

Rolling operations shall be continued until the embankment is compacted to not less than 100% of maximum density for non-cohesive soils, and 95% of maximum density for cohesive soils as determined by ASTM **D1557**. Under all areas to be paved, the embankments shall be compacted to a depth of **12- inches** and to a density of not less than **100** percent of the maximum density as determined by ASTM **D1557**. As used in this specification, “non-cohesive” shall mean those soils having a plasticity index (PI) of less than 3 as determined by ASTM D4318.

On all areas outside of the pavement areas, no compaction will be required on the top 4 inches which shall be prepared for a seedbed.

The in-place field density shall be determined in accordance with ASTM D1556 or ASTM 6938 using Procedure A, the direct transmission method and ASTM D6938 shall be used to determine the moisture content of the material. The machine shall be calibrated in accordance with ASTM D6938 Contractor’s laboratory shall perform all density tests in the RPR’s presence and provide the test results upon completion to the RPR for acceptance. If the specified density is not attained, the area represented by the test or as designated by the RPR shall be reworked and/or re-compacted and additional random tests made. This procedure shall be followed until the specified density is reached.

Compaction areas shall be kept separate, and no lift shall be covered by another lift until the proper density is obtained.

During construction of the embankment, the Contractor shall route all construction equipment evenly over the entire width of the embankment as each lift is placed. Lift placement shall begin in the deepest portion of the embankment fill. As placement progresses, the lifts shall be constructed approximately parallel to the finished pavement grade line.

When rock, concrete pavement, asphalt pavement, and other embankment material are excavated at approximately the same time as the subgrade, the material shall be incorporated into the outer portion of the embankment and the subgrade material shall be incorporated under the future paved areas. Stones, fragmentary rock, and recycled pavement larger than 4 inches in their greatest dimensions will not be allowed in the top 12 inches of the subgrade. Rockfill shall be brought up in lifts as specified or as directed by the RPR and the finer material shall be used to fill the voids forming a dense, compact mass. Rock, cement concrete pavement, asphalt pavement, and other embankment material shall not be disposed of except at places and in the manner designated on the plans or by the RPR.

When the excavated material consists predominantly of rock fragments of such size that the material cannot be placed in lifts of the prescribed thickness without crushing, pulverizing or further breaking down the pieces, such material may be placed in the embankment as directed in lifts not exceeding 2 feet in thickness. Each lift shall be leveled and smoothed with suitable equipment by distribution of spalls and finer fragments of rock. The lift shall not be constructed above an elevation 4 feet below the finished subgrade.

There will be no separate measurement of payment for compacted embankment. All costs incidental to placing in lifts, compacting, discing, watering, mixing, sloping, and other operations necessary for construction of embankments will be included in the contract price for excavation, borrow (Onsite), or other items.

152-2.9 Proof rolling. The purpose of proof rolling the subgrade is to identify any weak areas in the subgrade and not for compaction of the subgrade. Before start of embankment, and after compaction is completed, the subgrade area shall be proof rolled with a 20 ton Tandem axle Dual Wheel Dump Truck loaded to the legal limit with tires inflated to 100 psi in the presence of the RPR. Apply a minimum of 2 pass coverage, or as specified by the RPR, under pavement areas. A coverage is defined as the application of one tire print over the designated area. Soft areas of subgrade that deflect more than 1 inch or show permanent deformation greater than 1 inch shall be removed and replaced with suitable material or reworked to conform to the moisture content and compaction requirements in accordance with these specifications. Removal and replacement of soft areas is incidental to this item.

152-2.10 Compaction requirements. The subgrade under areas to be paved shall be compacted to a depth of 12 inches and to a density of not less than **100** percent of the maximum dry density as determined by ASTM D1557. The subgrade in areas outside the limits of the pavement areas shall be compacted to a depth of 12 inches and to a density of not less than 95 percent of the maximum density as determined by ASTM D698.

The material to be compacted shall be within $\pm 2\%$ of optimum moisture content before being rolled to obtain the prescribed compaction (except for expansive soils). When the material has greater than 30 percent retained on the $\frac{3}{4}$ inch sieve, follow the methods in ASTM D1557. Tests for moisture content and compaction will be taken at a minimum of **3000** S.Y. of subgrade for each type of subgrade encountered. All quality assurance testing shall be done by the Contractor's laboratory in the presence of the RPR, and density test results shall be furnished upon completion to the RPR for acceptance determination.

The in-place field density shall be determined in accordance with ASTM D1556 **or** ASTM D6938 using Procedure A, the direct transmission method, and ASTM D6938 shall be used to determine the moisture content of the material. The machine shall be calibrated in accordance with ASTM D6938.

Density tests will be taken by the RPR for every **3000** square yards) of completed subgrade. If a nuclear gage is used for density determination, two random readings shall be made for each 1000 square yards .

Maximum density refers to maximum dry density at optimum moisture content unless otherwise specified.

If the specified density is not attained, the entire lot shall be reworked and/or re-compacted and additional random tests made. This procedure shall be followed until the specified density is reached.

All cut-and-fill slopes shall be uniformly dressed to the slope, cross-section, and alignment shown on the plans or as directed by the RPR and the finished subgrade shall be maintained.

152-2.11 Finishing and protection of subgrade. Finishing and protection of the subgrade is incidental to this item. Grading and compacting of the subgrade shall be performed so that it will drain readily. All low areas, holes or depressions in the subgrade shall be brought to grade. Scarifying, blading, rolling and other methods shall be performed to provide a thoroughly compacted subgrade shaped to the lines and grades shown on the plans. All ruts or rough places that develop in the completed subgrade shall be graded, re-compacted, and retested. The Contractor shall protect the subgrade from damage and limit hauling over the finished subgrade to only traffic essential for construction purposes.

The Contractor shall maintain the completed course in satisfactory condition throughout placement of subsequent layers. No subbase, base, or surface course shall be placed on the subgrade until the subgrade has been accepted by the RPR.

152-2.12 Haul. All hauling will be considered a necessary and incidental part of the work. The Contractor shall include the cost in the contract unit price for the pay of items of work involved. No payment will be made separately or directly for hauling on any part of the work.

The Contractor's equipment shall not cause damage to any excavated surface, compacted lift or to the subgrade as a result of hauling operations. Any damage caused as a result of the Contractor's hauling operations shall be repaired at the Contractor's expense.

The Contractor shall be responsible for providing, maintaining and removing any haul roads or routes within or outside of the work area, and shall return the affected areas to their former condition, unless otherwise authorized in writing by the Owner. No separate payment will be made for any work or materials associated with providing, maintaining and removing haul roads or routes.

152-2.13 Surface Tolerances. In those areas on which a subbase or base course is to be placed, the surface shall be tested for smoothness and accuracy of grade and crown. Any portion lacking the required smoothness or failing in accuracy of grade or crown shall be scarified to a depth of at least 3 inches, reshaped and re-compacted to grade until the required smoothness and accuracy are obtained and approved by the RPR. The Contractor shall perform all final smoothness and grade checks in the presence of the RPR. Any deviation in surface tolerances shall be corrected by the Contractor at the Contractor's expense.

a. Smoothness. The finished surface shall not vary more than $\pm 1/2$ inch when tested with a 12-foot straightedge applied parallel with and at right angles to the centerline. The straightedge shall be moved continuously forward at half the length of the 12-foot straightedge for the full length of each line on a 50-foot grid.

b. Grade. The grade and crown shall be measured on a 50-foot and shall be within ± 0.05 feet of the specified grade.

On safety areas, turfed areas and other designated areas within the grading limits where no subbase or base is to be placed, grade shall not vary more than 0.10 feet from specified grade. Any deviation

in excess of this amount shall be corrected by loosening, adding or removing materials, and reshaping.

152-2.14 Topsoil. When topsoil is specified or required as shown on the plans or under Item T-905, it shall be salvaged from stripping or other grading operations. The topsoil shall meet the requirements of Item T-905. If, at the time of excavation or stripping, the topsoil cannot be placed in its final section of finished construction, the material shall be stockpiled at approved locations. Stockpiles shall be located as shown on the plans and the approved CSPP and shall not be placed on areas that subsequently will require any excavation or embankment fill. If, in the judgment of the RPR, it is practical to place the salvaged topsoil at the time of excavation or stripping, the material shall be placed in its final position without stockpiling or further re-handling. Upon completion of grading operations, stockpiled topsoil shall be handled and placed as shown on the plans and as required in Item T-905. Topsoil shall be paid for as provided in Item T-905. No direct payment will be made for topsoil under Item P-152.

METHOD OF MEASUREMENT

152-3.0 Measurement for payment specified by the cubic yard shall be computed by the comparison of digital terrain model (DTM) surfaces for computation of neat line design quantities and by stockpiled quantities as described below.

152-3.1 Unclassified Excavation, Material Handling and Stockpiling. The quantity of Unclassified Excavation, Material Handling, and Stockpiling to be paid for shall be the number of cubic yards measured in its original position **based on Contractor survey following removal of existing pavements and finish subgrade**. Measurement shall not include the quantity of materials excavated without authorization beyond normal slope lines, or the quantity of material used for purposes other than those directed

152-3.2 Unclassified Embankment from Off-Site Material. The quantity of Unclassified Excavation Embankment from Off-Site Material to be paid for shall be the cubic yard measured by the truckload as agreed to by the RPR.

152-3.3 Performing Exported Fill Determination Process on Stockpiled Excavation Material payment shall be made at the contract unit price per stockpile measured by the number of stockpiles constructed as shown on the Plans and following the completed exported fill determination process in accordance with the *Guidance for Soil Stockpile Characterization and Evaluation of Imported and Exported Fill Material* (HDOH HEER Office, 2017), and as agreed to by the RPR.

152-3.4 Hazardous Waste Determination Process for Stockpiled Excavation Material where Fill Material Characterization indicate contaminant level is above the Tier 1 EAL payment shall be made at the contract unit price per stockpile measured by the number of stockpiles constructed as shown on the Plans and following the completed Hazardous Waste Determination Process in accordance with the *Guidance for Soil Stockpile Characterization and Evaluation of Imported and Exported Fill Material* (HDOH HEER Office, 2017), and as agreed to by the RPR.

152-3.5 Disposal of Type I Stockpiled Excavation Material payment shall be made at the contract unit price per cubic yard and shall be measured by the truckload as agreed to by the RPR.

152-3.6 Disposal of Type II Stockpiled Excavation Material payment shall be made at the contract unit price per cubic yard and shall be measured by the truckload as agreed to by the RPR.

152-3.7 Disposal of Type III Stockpiled Excavation Material payment shall be made at the contract unit price per cubic yard and shall be measured by the truckload as agreed to by the RPR.

BASIS OF PAYMENT

152-4.1 Unclassified Excavation, Material Handling and Stockpiling payment shall be made at the contract unit price per cubic yard. This price shall be full compensation for preparing pavement subgrade and embankments within the project area to a depth of 12in below the pavement section to a density of not less than 100% of the maximum dry density within the project area. This price shall be full compensation for furnishing all materials and for all labor, equipment, tools, and incidentals necessary to complete the item, including excavation, subgrade preparation, material handling and hauling, temporary stockpiling, and stockpile management of excavated material in accordance with the approved Stockpile Management Plan under Specification 02152, Section 3.3. Excavation material for utility trenching shall be measured in items 02510 and 02701.

152-4.2 Unclassified Embankment from Off-Site Material. Unclassified Excavation Embankment from Off-Site Material shall be paid at the contract unit price per cubic yard. This price will be full compensation for furnishing all materials, for preparing, placing and compacting materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

152-4.3 Performing Exported Fill Determination Process on Stockpiled Excavation Material payment shall be made at the contract unit price per stockpile. This price shall be full compensation for furnishing all materials and for all labor, equipment, tools, **stockpile site preparation, clearing and grubbing**, Qualified Environmental Professional costs, soil testing (sampling) and laboratory analytical costs, preparation of fill material characterization reports, disposal manifests and incidentals necessary to complete the item as necessary to determine if stockpiled excavation material meets the HEER Office definition of acceptable fill material. This includes screening for PFASs, in accordance with HDOH guidance, and any additional analyses required by the identified disposal facilities.

152-4.4 Hazardous Waste Determination Process for Stockpiled Excavation Material where Fill Material Characterization indicate contaminant level is above the Tier 1 EAL payment shall be made at the contract unit price per stockpile. This price shall be full compensation for furnishing all materials and for all labor, equipment, tools, Qualified Environmental Professional costs, soil testing (sampling) and laboratory analytical costs, preparation of reports and incidentals to perform the hazardous waste determination process for exported excavated material in accordance the *Guidance for Soil Stockpile Characterization and Evaluation of Imported and Exported Fill Material* (HDOH HEER Office, 2017).

152-4.5 Disposal of Type I Stockpiled Excavation Material payment shall be made at the contract unit price per cubic yard. This price shall include all work necessary for material handling, hauling and legally disposing of Type I stockpiled excavation materials off Airport property in accordance with Section 01562. Type I stockpiled excavation material is defined as having been Characterized as having concentrations below Tier 1 EALs (including PFASs).

152-4.6 Disposal of Type II Stockpiled Excavation Material payment shall be made at the contract unit price per cubic yard. This price shall include all work necessary for material handling, hauling and legally disposing of Type II stockpiled excavation materials off Airport property in accordance with Section 01562. Type II stockpiled excavation material is defined as having been Characterized as having concentrations below Tier 1 EALs other than PFASs; and concentrations of PFASs above the EALs.

152-4.7 Disposal of Type III Stockpiled Excavation Material payment shall be made at the contract unit price per cubic yard. This price shall include all work necessary for material handling, hauling and legally disposing of Type III stockpiled excavation materials off Airport property in accordance with Section 01562. Type III stockpiled excavation material is defined as having been Characterized as having concentrations above Tier 1 EALs.

The costs for the handling and legal disposal of any Hazardous Waste discovered during the Hazardous Waste Determination Process shall be made under the Allowance for Contaminated Media.

Payment will be made under:

Item No.	Description	Unit
02152.1	Unclassified Excavation, Material Handling, and Stockpiling	Cubic Yard
02152.2	Unclassified Embankment from Off-Site Material	Cubic Yard
02152.3	Performing Exported Fill Determination Process on Stockpiled Excavation Material	Stockpiles
02152.4	Hazardous Waste Determination Process for Stockpiled Excavation Material where Fill Material Characterization indicate contaminant level is above the Tier 1 EAL	Stockpiles
02152.5	Disposal of Type I Stockpiled Excavation Material	Cubic Yard
02152.6	Disposal of Type II Stockpiled Excavation Material	Cubic Yard
02152.7	Disposal of Type III Stockpiled Excavation Material	Cubic Yard

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

American Association of State Highway and Transportation Officials (AASHTO)

AASHTO T-180 Standard Method of Test for Moisture-Density Relations of Soils
Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop.

ASTM International (ASTM)

ASTM D698 Standard Test Methods for Laboratory Compaction Characteristics
of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³))

ASTM D1556 Standard Test Method for Density and Unit Weight of Soil in Place
by the Sand-Cone Method

ASTM D1557 Standard Test Methods for Laboratory Compaction Characteristics
of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2700 kN-m/m³))

ASTM D6938 Standard Test Methods for In-Place Density and Water Content of
Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

Advisory Circulars (AC)

AC 150/5370-2 Operational Safety on Airports During Construction Software

FAARFIELD – FAA Rigid and Flexible Iterative Elastic Layered Design

U.S. Department of Transportation

FAA RD-76-66 Design and Construction of Airport Pavements on Expansive Soils

State of Hawaii, Department of Health

HAZARD EVALUATION & EMERGENCY RESPONSE (HEER) OFFICE

Guidance for Soil Stockpile Characterization and Evaluation of Imported and Exported Fill
Material, HDOH HEER Office Honolulu, Hawai‘i, October 2017.

Technical Guidance Manual for Characterization and Remediation of Contaminated
Properties, HDOH, May 2025.

Interim Soil and Water Environmental Action Levels (EALs) for Perfluoroalkyl and
Polyfluoroalkyl Substances (PFASs), HDOH, February, 2025.

END OF ITEM P-152

-----END OF SECTION 02152-----

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SHEET NUMBERING SCHEME

ALL SHEETS WILL BE NUMBERED BEGINNING WITH A LETTER FOLLOWED BY A NUMBER AS FOLLOWS:

X-0

- 1 SEQUENTIAL DRAWING NUMBER
- DISCIPLINE LETTER KEY
 - G - TITLE, GENERAL
 - C - CIVIL
 - E - ELECTRICAL

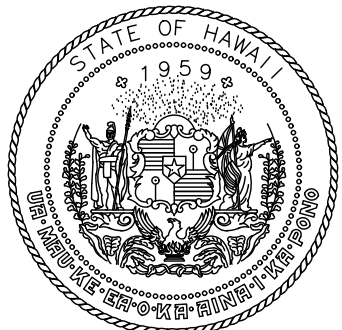
SECTIONS DESIGNATED BY A LETTER AND DETAILS DESIGNATED BY A NUMBER

TITLE

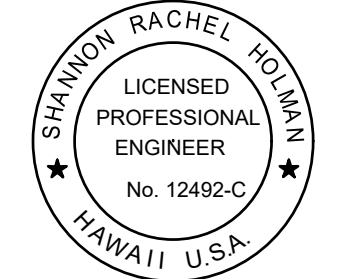
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SHEET NUMBER WHERE DETAIL/SECTION IS SHOWN

SHEET NUMBER FROM WHICH DETAIL/SECTION IS REFERENCED



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	DD	TR	SH

2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

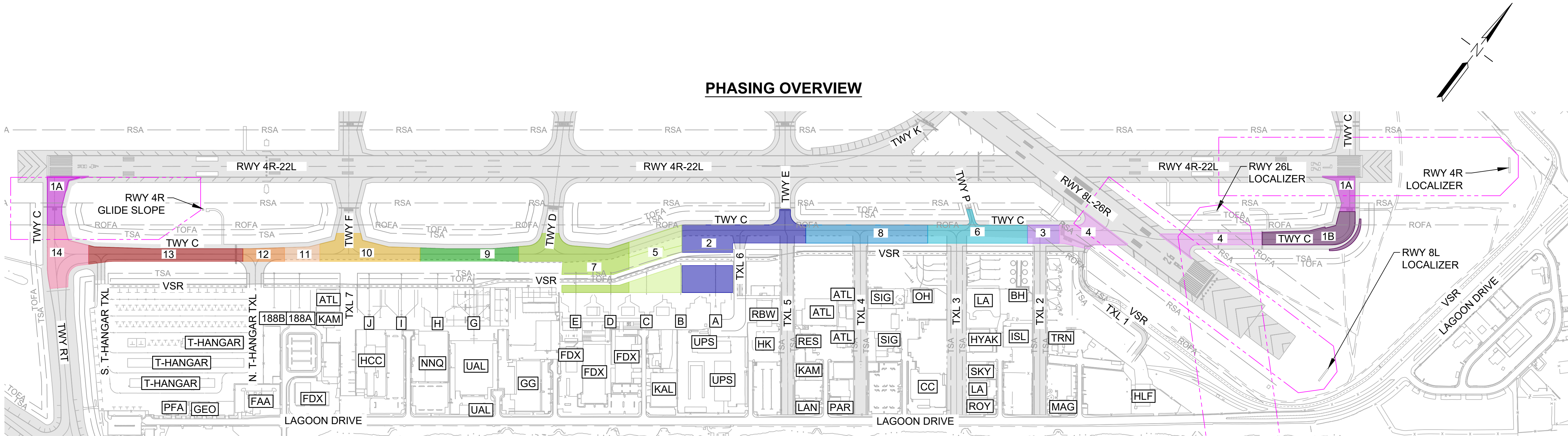
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01/2026	G-002
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CONSTRUCTION SEQUENCING AND TIMELINE

Phase	Schedule Requirement (Calendar Days)	General Restrictions to Airfield Operations (See General Phasing Notes 1 and 2)
Phase 1A	36	RWY 4R-22L closed, TWY C closed between RWY 8L-26R and RWY 4R-22L
Phase 1B	48	TWY C closed between RWY 8L-26R and RWY 4R-22L
Phase 2	56	Hardstands A and B closed, TWY E closed, TXL 5 rerouted
Phase 2.1	21	Hardstands A and B closed
Phase 3	24	TXL 2 closed
Phase 4	53	RWY 8L-26R shortened, TXL 1 closed
Phase 5	49	Hardstands B and C closed
Phase 5.1	21	Hardstands B and C closed
Phase 6	39	TWY P closed, TXL 3 restricted and rerouted
Phase 7	60	Hardstands D and E closed, TWY D closed
Phase 7.1	21	Hardstands D and E closed
Phase 8	45	TXL 4 closed
Phase 9	36	Hardstands G and H closed
Phase 10	43	Hardstands I and J closed, TWY F closed, TXL 7 restricted and rerouted
Phase 11	27	Hardstands 188A and 188B closed
Phase 12	27	Hardstand 188B closed, N. T-Hangar TXL restricted and rerouted
Phase 13	48	S. T-Hangar TXL closed
Phase 14	59	TWY RT closed

PHASING OVERVIEW



LEGEND:

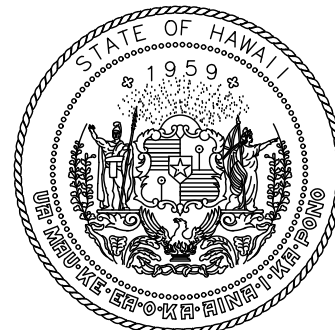
PHASE 1A	PHASE 10
PHASE 1B	PHASE 11
PHASE 2	PHASE 12
PHASE 3	PHASE 13
PHASE 4	PHASE 14
PHASE 5	EXISTING RUNWAY / TAXIWAY PAVEMENT
PHASE 6	GLIDE SLOPE / LOCALIZER CRITICAL AREAS
PHASE 7	
PHASE 8	
PHASE 9	
	[A] HARDSTAND/TENANT LABEL

ABBREVIATIONS OF TENANTS

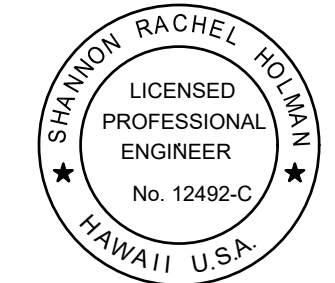
ATL	ATLANTIC AVIATION	MAG	MAGNUM HELICOPTERS
BH	BLUE HAWAIIAN HELICOPTERS	NNQ	NANIQ GLOBAL LOGISTICS
CC	CASTLE AND COOKE	OH	OHANA
FAA	FEDERAL AVIATION ADMINISTRATION	PAR	PARSONS
FDX	FEDEX	PFA	PACIFIC FLIGHT ACADEMY
GEO	GEORGE'S AVIATION SERVICES	RBW	RAINBOW HELICOPTERS
GG	GATE GOURMET	RES	RESORT AIR
HCC	HONOLULU COMMUNITY COLLEGE	ROY	ROYAL PACIFIC AIR
HK	HKA PACIFIC	SIG	SIGNATURE AVIATION
HLF	HAWAII LIFE FLIGHT	SKY	SKYRIVER
HYAK	HYAK AVIATION	TRN	TRANSAIR HAWAII
ISL	ISLAND MOVERS	UAL	UNITED AIRLINES
KAL	KALITTA AIR	UPS	UNITED PARCEL SERVICE
KAM	KAMAKA AIR		
LA	LANAI AIR		
LAN	LANI LEA FLIGHT SCHOOL & SKY TOURS		

GENERAL PHASING NOTES

- TWY C CLOSED WITHIN EACH PHASE LIMIT SHOWN FOR THE DURATION OF THE PHASE EXCEPT FOR PHASES 2, 5, AND 7 WHICH INCLUDE PCC PAVING ADJACENT TO THE HARDSTANDS. REFER TO INDIVIDUAL PHASING SHEETS FOR PCC CURE TIME PROVISIONS IN THE PHASE DURATION.
- REFER TO INDIVIDUAL PHASING SHEETS FOR FULL LIST OF NOTAM'S.
- REFER TO SHEETS G-041 - G-043 FOR PHASING DETAILS.
- REFER TO THE CSPP FOR CONTRACTOR TRAINING REQUIREMENTS FOR FLAGGERS.
- REFER TO SHEET G-019 FOR DESIGNATED ROUTES TO SOIL HANDLING SITES.
- ANY NAVAIDS OUT OF SERVICE FOR MORE THAN 72 HOURS CONTINUOUSLY SHALL REQUIRE RECERTIFICATION BY THE FAA. CONTRACTOR SHALL PROVIDE A MINIMUM 7 DAYS NOTICE TO THE FAA FOR RECERTIFICATION. EXCAVATIONS SHALL BE CLEARLY IDENTIFIED AND COVERED AT THE END OF SHIFT(S) IN ACCORDANCE WITH OSHA 29 CFR 1926.502(i) COVERS.
- APPLICATION OF FINAL MARKINGS TO BE COORDINATED WITH RPR.
- CONTRACTOR MAY PROPOSE RESEQUENCING OF WORK AT THE APPROVAL OF HNL DISTRICT AND HCF.
- RPR MAY ELECT TO RESEQUENCE WORK SUCH THAT PHASE 4 AS SHOWN IS CONSTRUCTED OUTSIDE OF THE KONA WIND SEASON (OCTOBER THROUGH MAY) AT NO ADDITIONAL COST.
- CONTRACTOR SHALL ASSUME THAT WORK WILL BE CANCELED BY HNL OR FAA WITH 1-HOUR NOTICE DUE TO WEATHER OR OTHER AIRCRAFT OPERATIONAL LIMITATIONS, UP TO 5 FULL WORK SHIFTS OVER THE DURATION OF THE PROJECT, AT NO ADDITIONAL COST TO THE OWNER.
- PHASING BOUNDARIES MAY BE ADJUSTED TO ACCOUNT FOR TRANSVERSE JOINTS PER SPECIFICATIONS SECTION 02401-4.12 AND 02403-4.11 AT THE APPROVAL OF THE RPR.



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.
DD	KU	TR	SH

2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
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DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

AT
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HONOLULU, OAHU, HAWAII

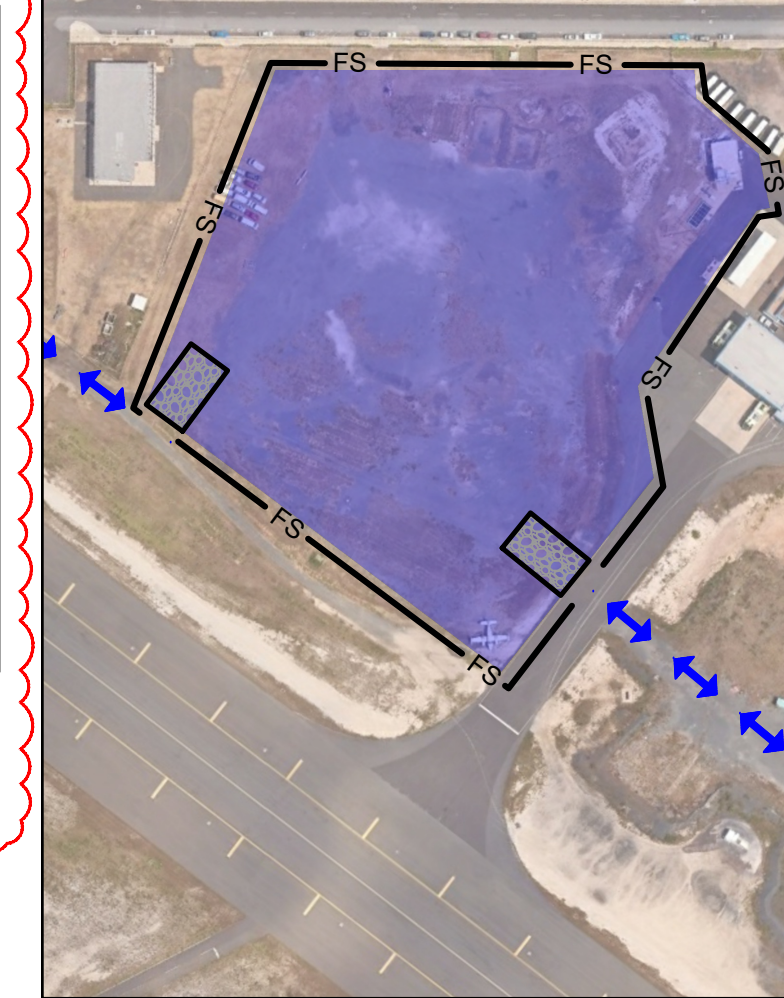
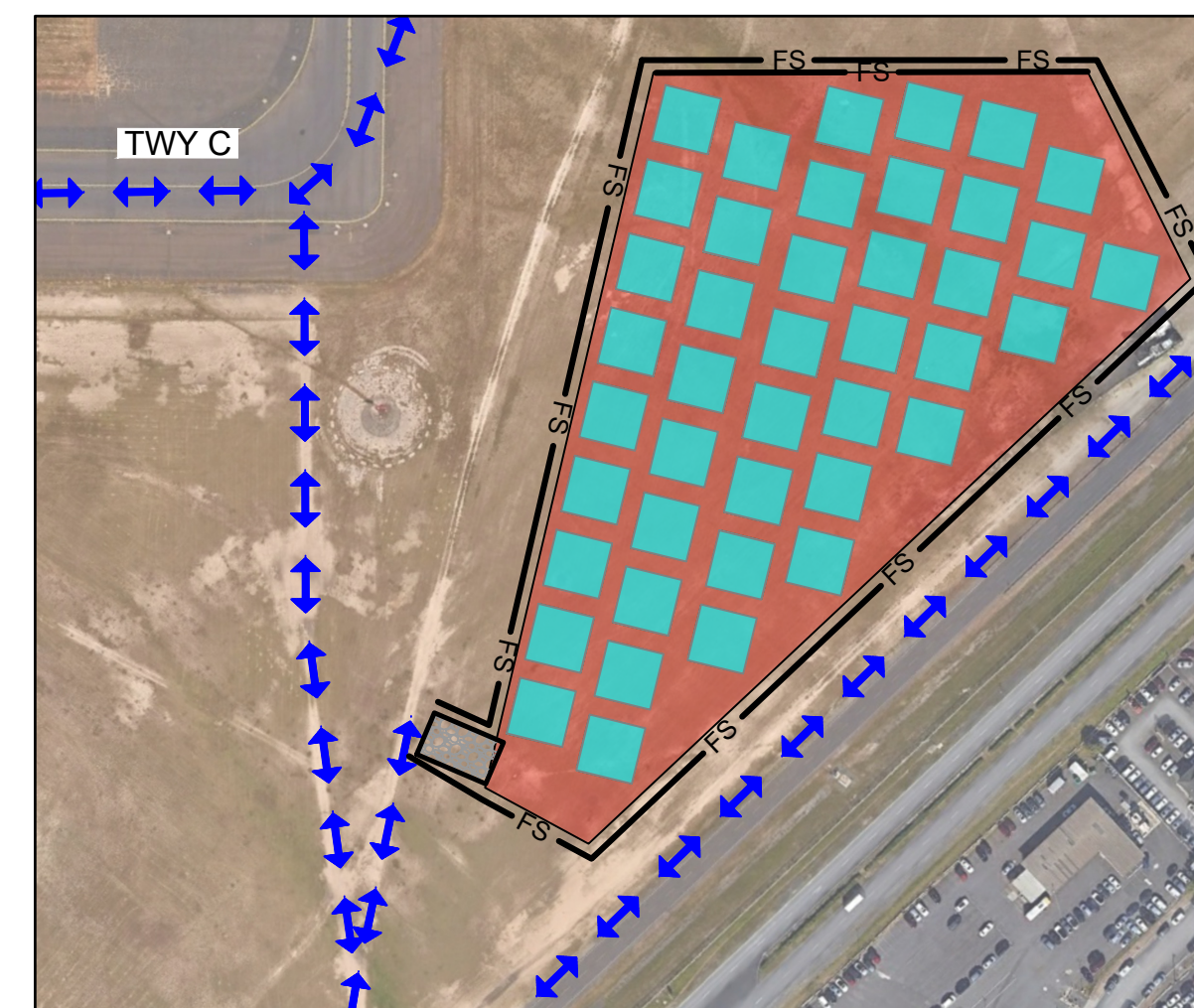
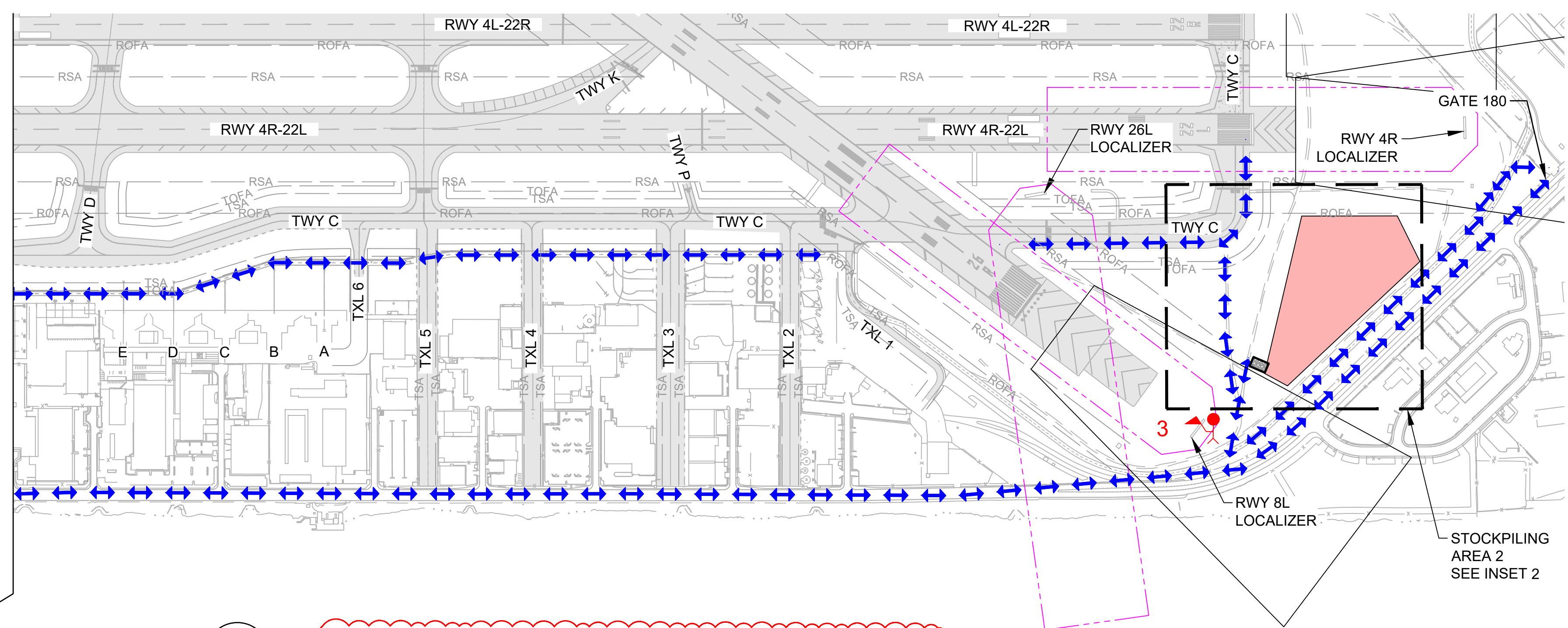
PROJECT NO.:

AO1021-30

SHEET TITLE:

CONSTRUCTION SEQUENCING/TIMELINE
AND PHASING OVERVIEW

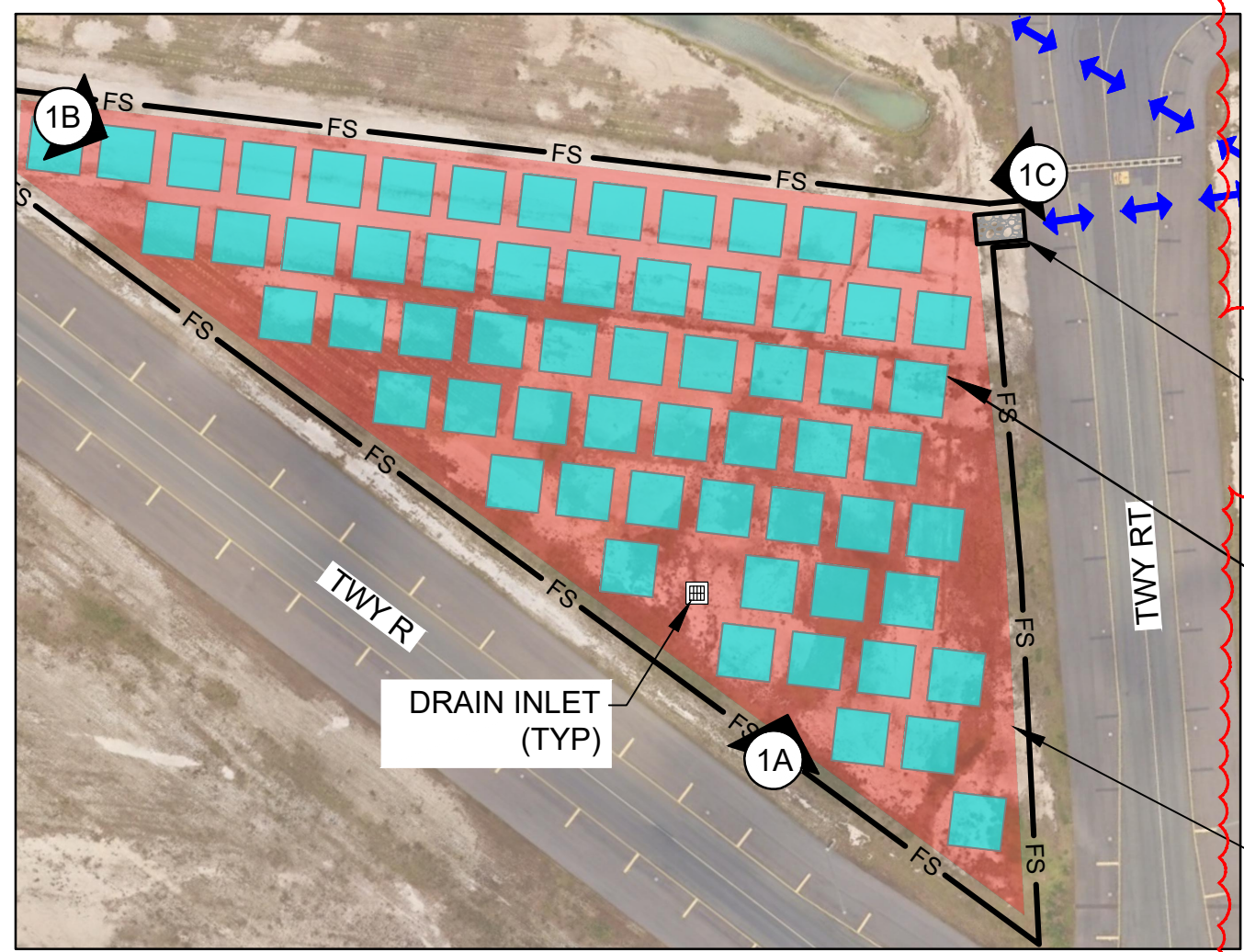
DATE :	DWG. NO.
01/2026	G-018
SHEET :	
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1. THE LIMITS OF THE STAGING/STOCKPILING AREAS SHOWN ARE APPROXIMATE. THE EXACT LIMITS SHALL BE COORDINATED WITH AND APPROVED BY THE RPR.
2. STOCKPILING AREAS ARE ESTIMATED TO BE ABLE TO CONTAIN A TOTAL OF 190 STOCKPILES THAT ARE 60 FEET IN LENGTH AND WIDTH AND EACH CONTAINING A MAXIMUM OF 400 CUBIC YARDS OF MATERIAL AT A MAXIMUM HEIGHT OF 3 FEET. ACTUAL NUMBER OF STOCKPILES CONTAINED WITHIN AREA MAY DIFFER.
3. STOCKPILE AREAS 1 AND 2 SHALL BE USED AS THE MAIN AREAS TO FACILITATE THE MANAGEMENT OF EXCAVATED SOILS. STOCKPILED SOIL SHALL BE TESTED AND DISPOSED OF OFFSITE IN ACCORDANCE WITH SPECIFICATION SECTION 01562 AS SOON AS POSSIBLE TO MAKE ROOM FOR ONGOING EXCAVATION ACTIVITIES. STOCKPILE AREA 3 MAY ONLY BE USED IF IT CAN BE DEMONSTRATED TO BE NECESSARY AND ITS USE MUST BE APPROVED BY THE RPR.
4. THE CONTRACTOR SHALL SUBMIT A LAYOUT PLAN FOR THE STAGING AREA FOR REVIEW AND APPROVAL BY THE RPR PRIOR TO MOBILIZATION.
5. STAGING AREAS ARE WITHIN THE AOA AND SHALL BE SECURED AT ALL TIMES AS OUTLINES IN SPECIFICATION 01565.
6. SEE SPECIFICATIONS SECTION 01562 FOR STOCKPILING SITE REQUIREMENTS NEEDED PRIOR TO START OF STOCKPILING ACTIVITIES AND ADDITIONAL REQUIREMENTS AT END OF STOCKPILING REMOVAL ACTIVITIES.
7. SEE SHEET G-020 FOR STOCKPILE SITE IMPROVEMENT REQUIREMENTS.

DATE :	DWG. NO.
01/2026	G-019
SHEET :	
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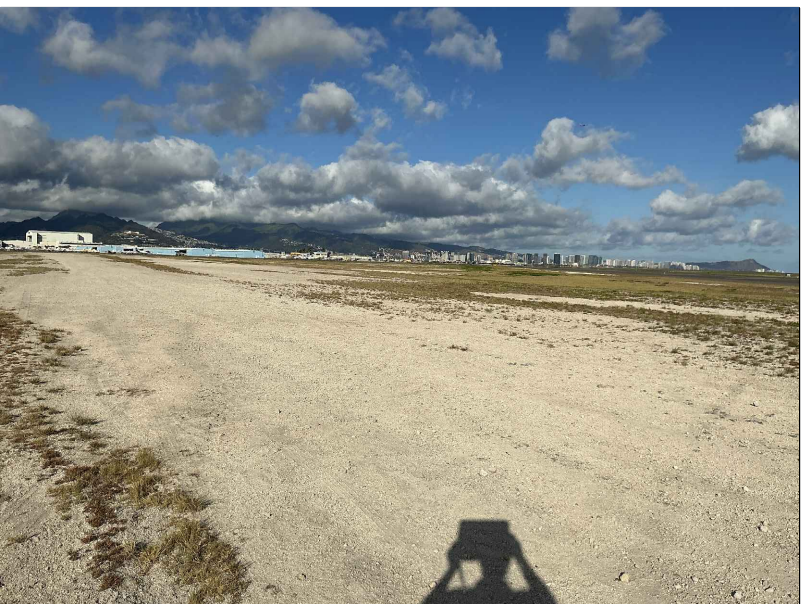




IMPROVEMENT PLAN FOR STOCKPILING AREA 1
SCALE: 1" = 200' AREA: ~ 11.0 ACRES
APPROXIMATE CAPACITY: ~ 61 STOCKPILES, ~ 24,400 CY



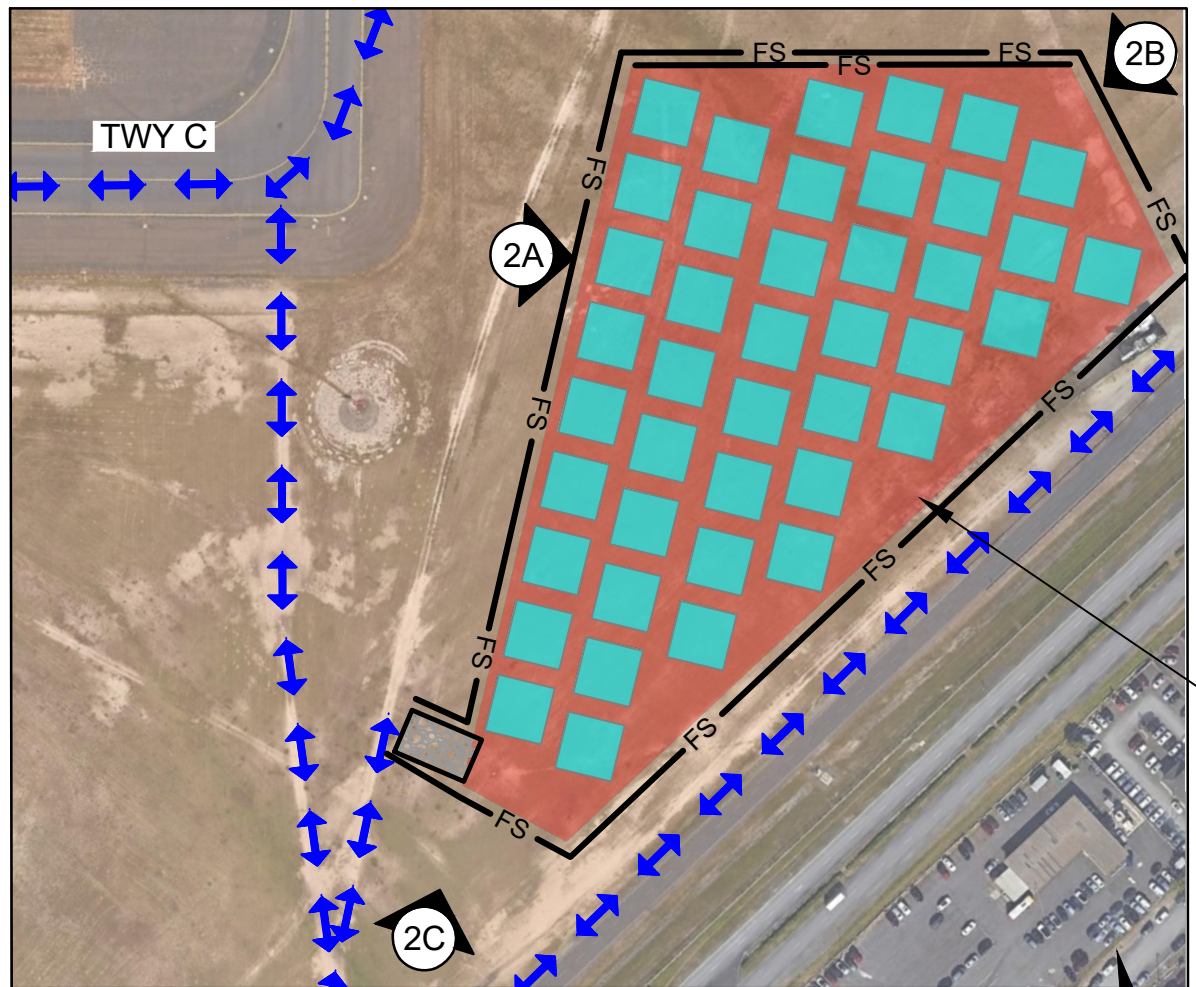
1A PHOTO 1A
SCALE: NTS



1B PHOTO 1B
SCALE: NTS



1C PHOTO 1C
SCALE: NTS



IMPROVEMENT PLAN FOR STOCKPILING AREA 2
SCALE: 1" = 200' AREA: ~ 7.6 ACRES
APPROXIMATE CAPACITY: ~ 42 STOCKPILES, ~ 16,800 CY



2A PHOTO 2A
SCALE: NTS



2B PHOTO 2B
SCALE: NTS



2C PHOTO 2C
SCALE: NTS



IMPROVEMENT PLAN FOR STOCKPILING AREA 3
SCALE: 1" = 200' AREA: ~ 14.2 ACRES
APPROXIMATE CAPACITY: ~ 80 STOCKPILES, ~ 32,000 CY



3A PHOTO 3A
SCALE: NTS



3B PHOTO 3B
SCALE: NTS



3C PHOTO 3C
SCALE: NTS

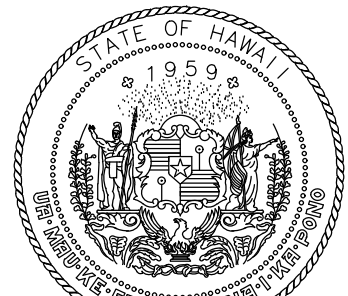
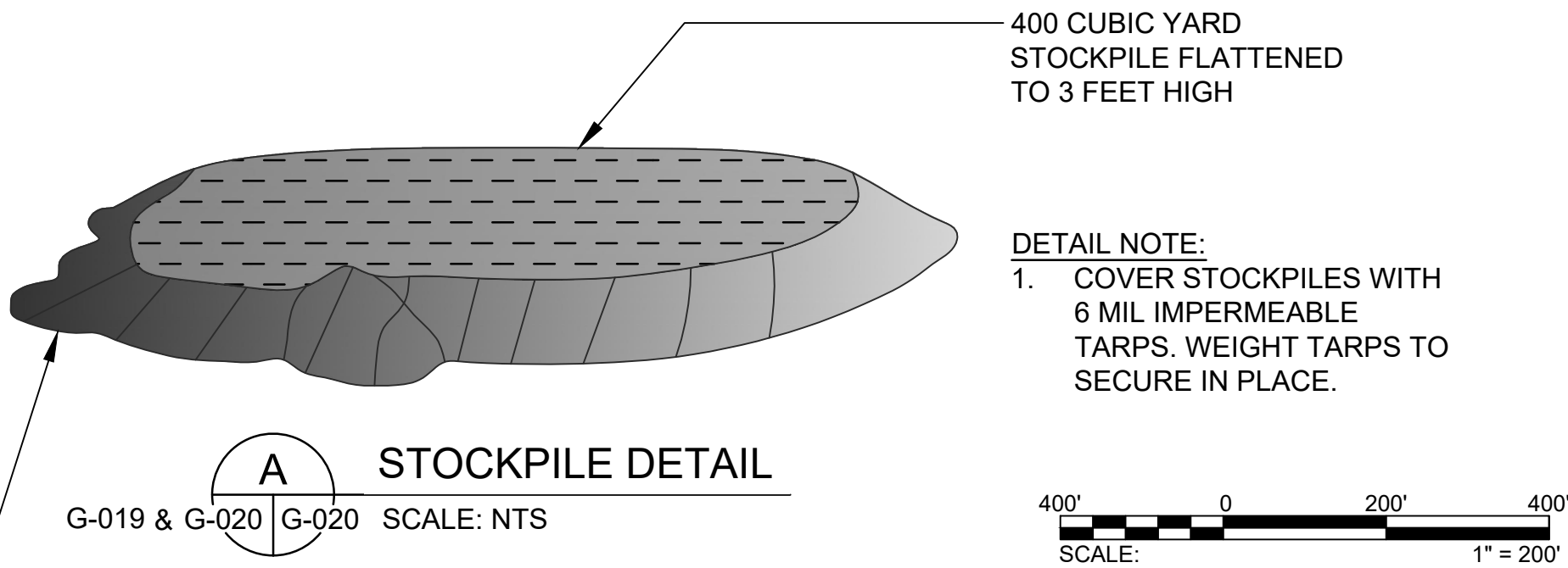
LEGEND:

- STOCKPILING AREA
- EXCAVATED SOIL STOCKPILE
- CONTRACTOR HAUL ROUTE
- COMPOST FILTER SOCK
- STABILIZED CONSTRUCTION ENTRANCE

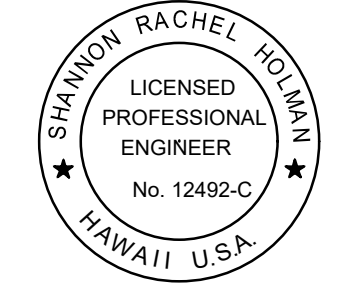
NOTES:

- CONTRACTOR SHALL PREPARE A STOCKPILE MANAGEMENT PLAN THAT INCLUDES A NUMBERING SCHEME FOR EACH STOCKPILE AND WHERE THE SOIL WAS EXCAVATED FROM (I.E. PHASE, STATION AND OFFSET FROM THE CENTERLINE). SEE SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONSTRUCTION ACCESS AROUND THE STOCKPILES INCLUDING STABILIZING AREAS AS REQUIRED. SEE SPECIFICATIONS.
- TARPS COVERING STOCKPILES SHALL BE CLEARLY MARKED IN ACCORDANCE WITH THE NUMBERING SCHEME.
- CONTRACTOR SHALL COLLECT ANY STANDING WATER THAT MAY ACCUMULATE AROUND LINED STOCKPILES AND DISPOSE OF BY MEANS OF AN INFILTRATION TRENCH. SEE DETAIL 1 ON SHEET G-111.
- PHOTOGRAPHS OF EXISTING CONDITIONS OF PROPOSED STOCKPILING SITES WERE TAKEN ON AUGUST 12, 2025. CONTRACTOR SHALL RESTORE STOCKPILE SITES TO THEIR ORIGINAL CONDITION FOLLOWING FINAL DISPOSAL OF ALL EXCAVATION MATERIALS. ONLY AREAS WITH STOCKPILE SITES USED FOR STOCKPILING AND CONSTRUCTION ACCESS SHALL BE PLANTED WITH SPRIGS AS FURTHER DESCRIBED IN SPECIFICATIONS SECTION 02903 - SPRIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR IRRIGATING AND MAINTAINING NEWLY PLANTED SPRIGS FOR A PERIOD OF 6 MONTHS. IRRIGATION SHALL BE BY HAND, OR BY MEANS OF A TEMPORARY IRRIGATION SYSTEM AS APPROVED BY THE RPR.
-

IMPERMEABLE LINER BENEATH STOCKPILE WITH A MINIMUM THICKNESS OF 20-MIL. POLYETHYLENE SHEET PLASTIC. PLACE LINER-WRAPPED BERM AT EDGE OF LINER ALL AROUND STOCKPILE TO CONTAIN ANY RUNOFF FROM STOCKPILE

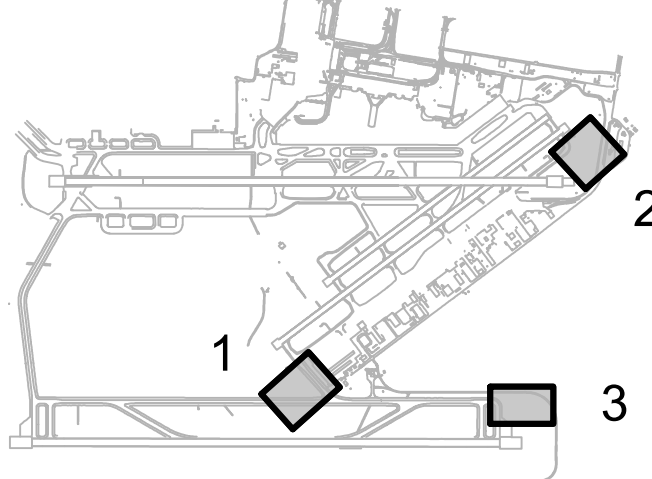


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NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

CONSTRUCTION
DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

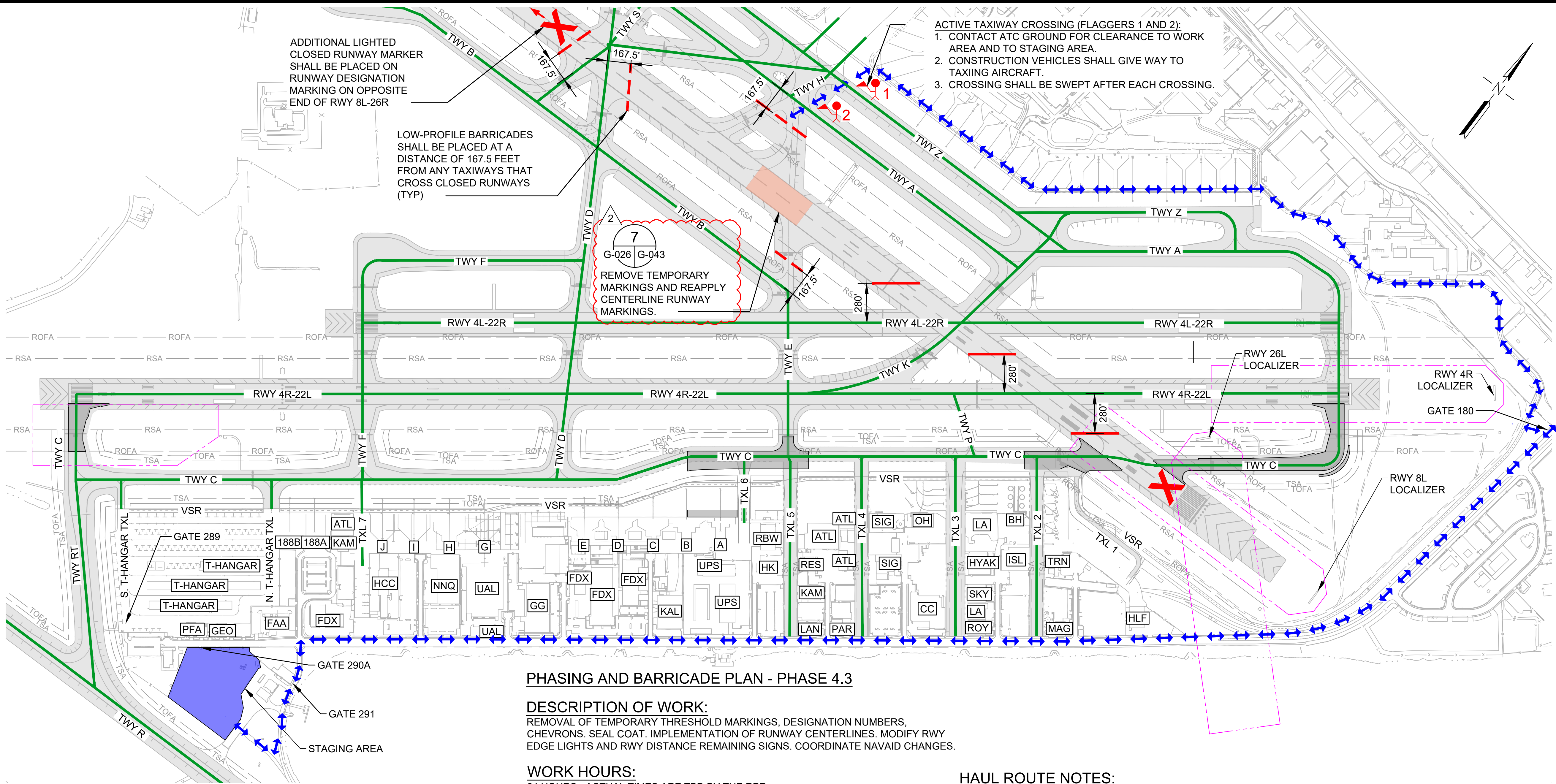
PROJECT NO.:

A01021-30

SHEET TITLE:

SOIL STOCKPILING AND
LAYDOWN
IMPROVEMENT PLAN

DATE :	DWG. NO.
01/2026	G-020
SHEET :	
20 OF 171 SHEETS	



LEGEND:

- WORK AREA (TEMPORARY THRESHOLD MARKINGS)
- EXISTING RUNWAY/TAXIWAY PAVEMENT
- COMPLETED CONSTRUCTION
- STAGING AREA
- CONTRACTOR HAUL ROUTE
- AIRCRAFT TRAVEL ROUTE
- LOW-PROFILE BARRICADES (CONTINUOUS)
- LOW-PROFILE BARRICADES (WITH GAPS)
- LOCALIZER CRITICAL AREA
- FLAGGER (WITH ID NUMBER)
- LIGHTED CLOSED RUNWAY MARKER

PHASING AND BARRICADE PLAN - PHASE 4.3

DESCRIPTION OF WORK:
REMOVAL OF TEMPORARY THRESHOLD MARKINGS, DESIGNATION NUMBERS, CHEVRONS, SEAL COAT. IMPLEMENTATION OF RUNWAY CENTERLINES. MODIFY RWY EDGE LIGHTS AND RWY DISTANCE REMAINING SIGNS. COORDINATE NAVAID CHANGES.

WORK HOURS:
24 HOURS - ACTUAL TIMES ARE TBD BY THE RPR

DURATION:
2 CALENDAR DAYS

SCHEDULE DATES:
TBD

NOTAMS (24/7):
1. RWY 8L-26R CLOSED.
2. TWY E CLOSED BETWEEN TWY B AND TWY A.
3. TWY H CLOSED BETWEEN RWY 8L-26R AND TWY A.
4. RWY 8L-26R RDR'S OUT OF SERVICE.

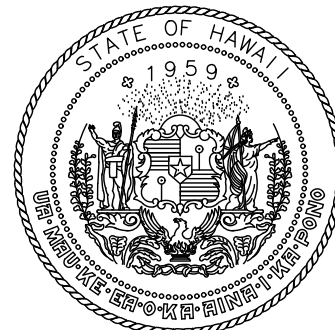
NAVAID STATUS AND IMPACTS (24/7):
1. RWY 8L: ILS OUT OF SERVICE UNTIL FLIGHT CHECK.
2. RWY 8L: PAPI, REIL, MALSR OUT OF SERVICE.
3. RWY 26R: PAPI, REIL OUT OF SERVICE.
4. RWY 26L: LOC OUT OF SERVICE UNTIL FLIGHT CHECK.

PHASING NOTES:
1. BARRICADES SHALL BE PLACED OUTSIDE OF ALL ACTIVE RUNWAY SAFETY AREAS ACROSS THE HOLD SHORT MARKINGS.
2. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY THE RPR.
3. ANY NAVAIDS OUT OF SERVICE FOR MORE THAN 72 HOURS CONTINUOUSLY SHALL REQUIRE RECERTIFICATION BY THE FAA. CONTRACTOR SHALL PROVIDE A MINIMUM OF 7 DAYS NOTICE TO THE FAA FOR RECERTIFICATION.
4. CONTRACTOR SHALL APPLY TEMPORARY PAVEMENT MARKINGS PRIOR TO OPENING THE RUNWAY, TAXIWAY AND TAXILANE TO AIRCRAFT OPERATIONS.
5. CONTRACTOR SHALL COORDINATE TAXIWAY CLOSURES WITH THE RPR DURING NON-PEAK TRAFFIC HOURS TO INSTALL RUNWAY EDGE LIGHTS.

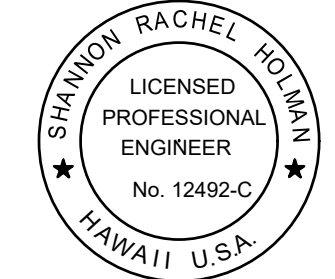
HAUL ROUTE NOTES:
1. CONTRACTOR'S FLAGMEN AND RADIO PERSONNEL SHALL BE IN CONSTANT COMMUNICATION WITH EACH OTHER AND ACTIVELY MONITORING AND RESPONDING TO ATCT AT ALL TIMES.
2. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL DESIGNATED HAUL ROUTES. CONTINUOUS FOD INSPECTIONS AND SWEEPERS SHALL BE REQUIRED AT ALL DESIGNATED HAUL ROUTES UTILIZING ACTIVE TAXIWAY CROSSINGS, AIRCRAFT TRAVEL ROUTES AND VEHICLE SERVICE ROADS.

SEQUENCE OF WORK:
1. CONFIRM RWY AND TWY CLOSURES WITH HNL OPERATIONS.
2. INSTALL LIGHTED X'S AT BOTH ENDS OF RWY 8L-26R.
3. INSTALL REQUIRED LOW-PROFILE BARRICADES.
4. MARKING REMOVAL
A. MILL TEMPORARY RWY DESIGNATION THRESHOLD MARKINGS 2" PER SPECIFICATIONS SECTION 02101.8 AND FILL 2" OF AC PAVEMENT (02401).
5. RESTORE RWY CENTERLINE MARKINGS PREVIOUSLY OBLITERATED IN PHASE 4.1.
6. ELECTRICAL
A. DEACTIVATE TEMPORARY THRESHOLD LIGHTS AND REACTIVATE RWY EDGE LIGHTS IN PHASE 4.2 WORK AREA AND 1000' RSA.
B. REACTIVATE RWY 8L ILS, RWY 26R PAPI & REIL, AND RWY 26L LOC FOR FULL-TIME OPERATION AFTER CONCLUSION OF WORK DURING THIS PHASE, PROVIDED FLIGHT CHECK HAS BEEN PERFORMED.
C. REMOVE WHITE/AMBER RWY EDGE LIGHTS AND REINSTALL ORIGINAL RWY EDGE LIGHTS (14 ABOVE-GRADE EDGE LIGHTS AND 6 SEMI-FLUSH EDGE LIGHTS).
7. SIGNAGE
A. UNCOVER RWY DISTANCE REMAINING SIGNS.
B. UNCOVER TWY DIRECTIONAL SIGNS.
8. OPENING OF RUNWAY
A. CONDUCT FOD CHECK AND OBTAIN FINAL ACCEPTANCE FROM HNL OPERATIONS.
B. REMOVE LOW PROFILE BARRICADES
C. REMOVE LIGHTED X'S AT BOTH ENDS OF RWY 8L-26R.
D. OPEN RWY 8L-26R AT FULL LENGTH.

400' 0 400' 800'
SCALE: 1" = 400'



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DD	KU	TR	SH

2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

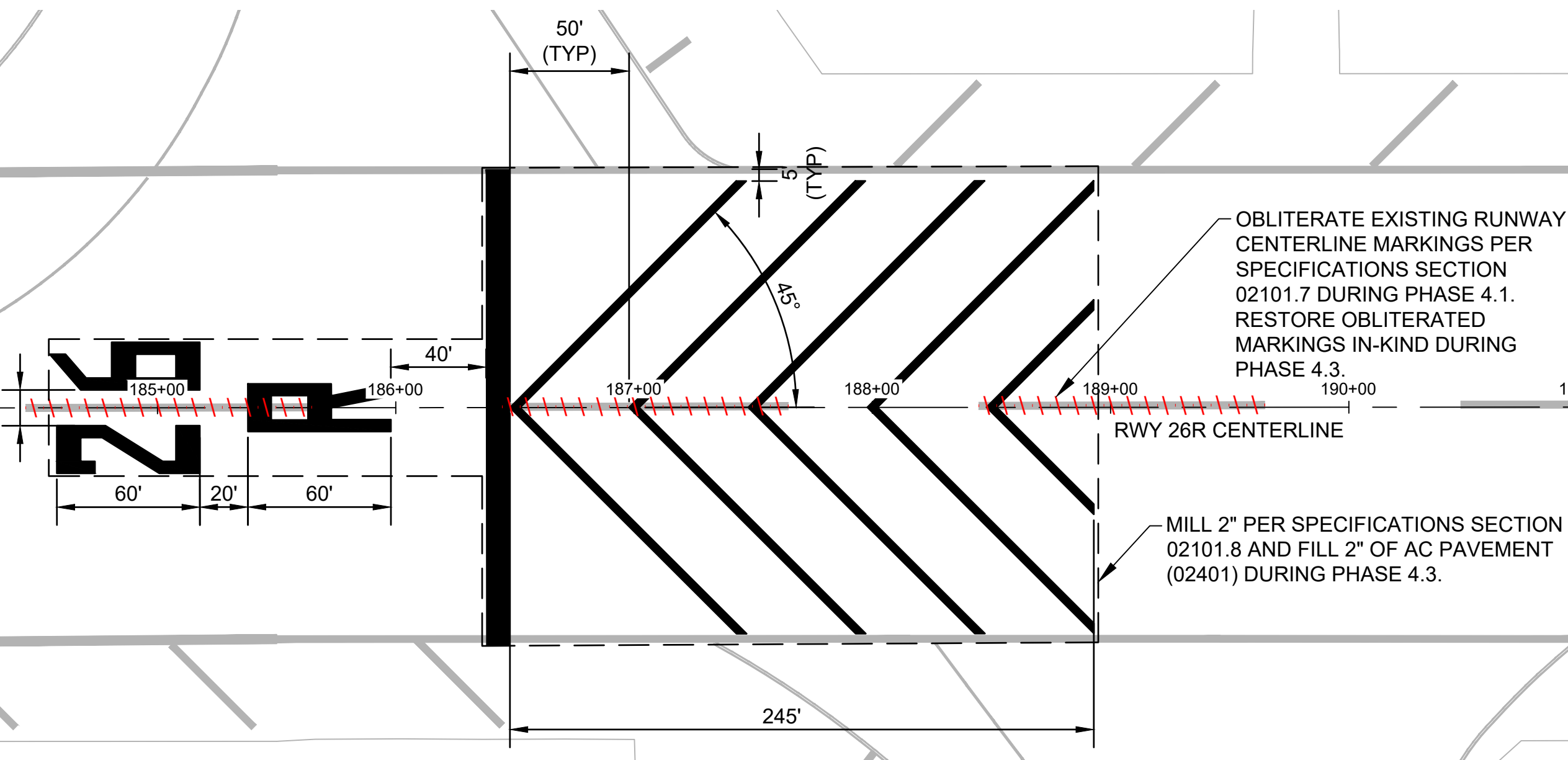
PROJECT NO.:

AO1021-30

SHEET TITLE:

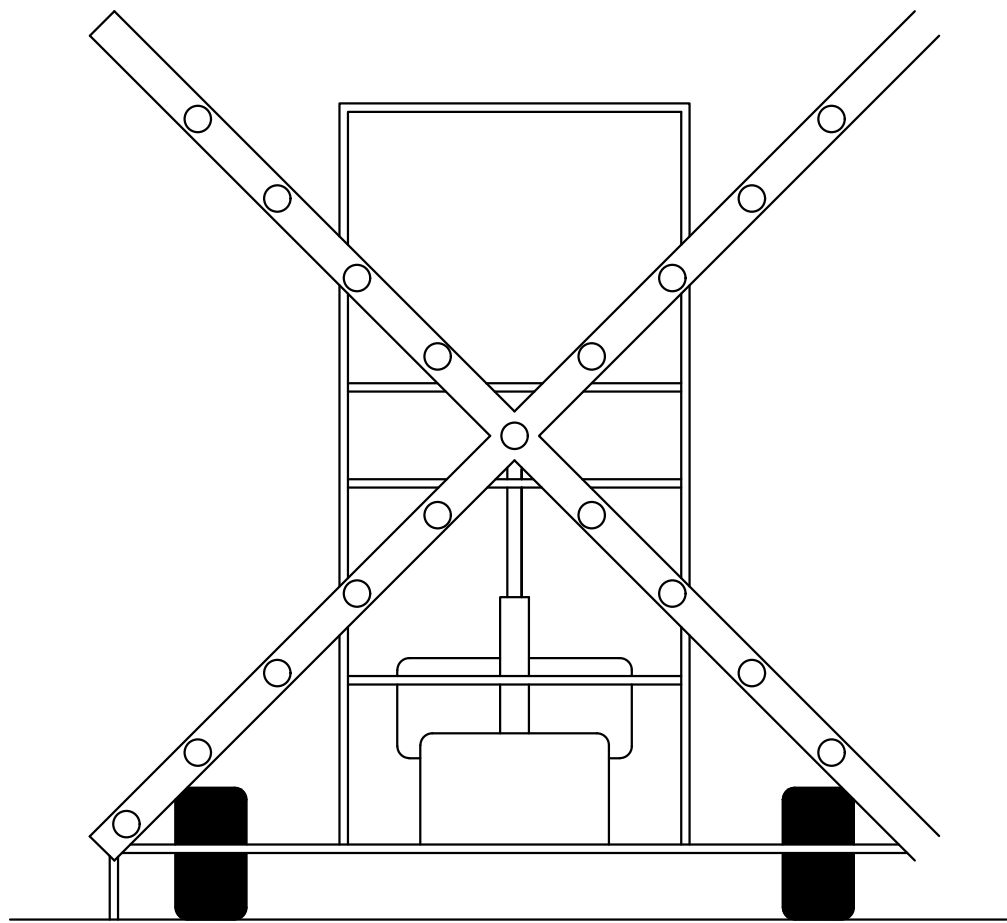
CONSTRUCTION PHASING PLAN PHASE 4.3

DATE :	DWG. NO.
01/2026	G-028
SHEET :	
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7
G-026, G-028 G-043 SCALE: NTS

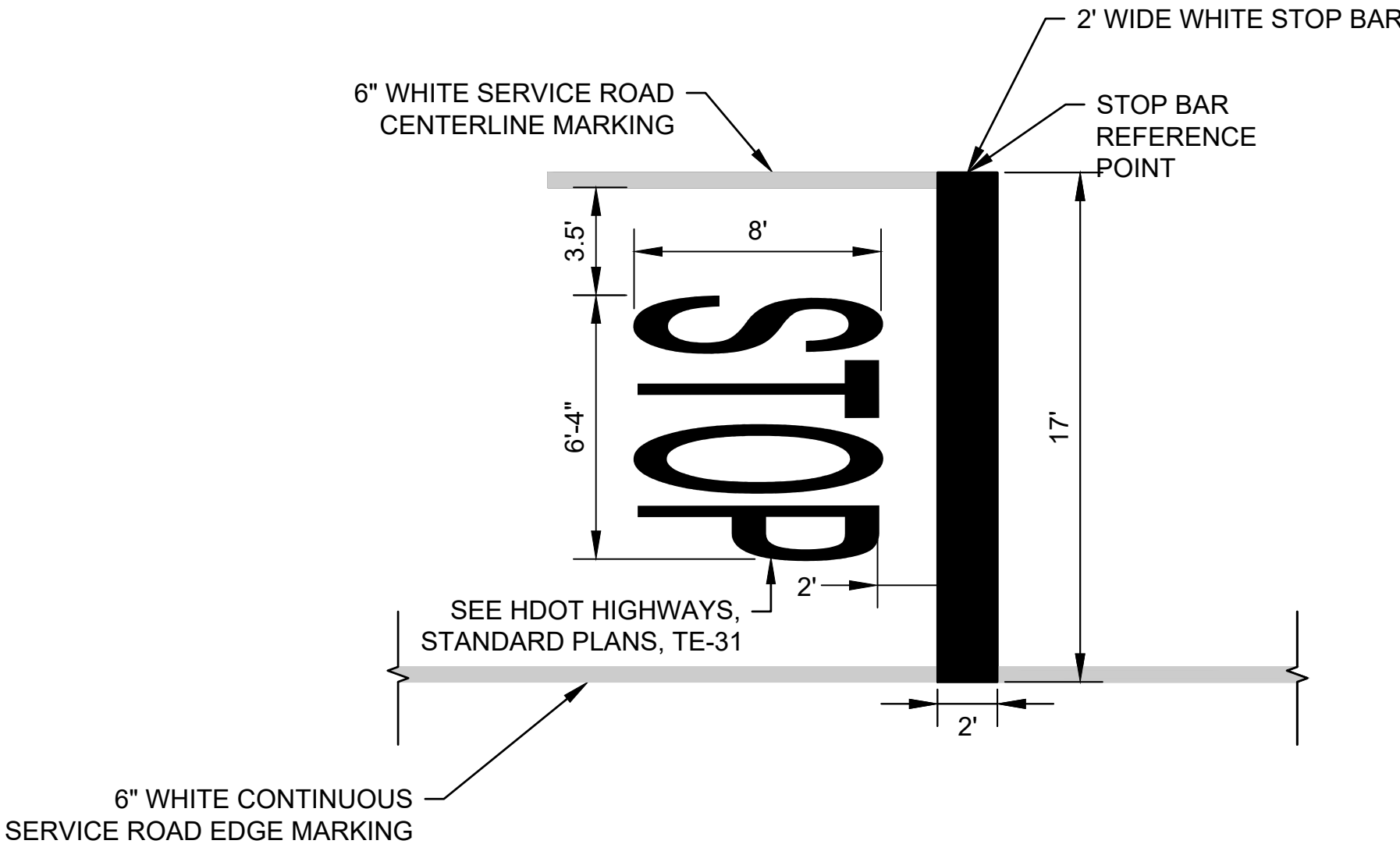
NOTE:
MARKINGS SHOWN IN THIS DETAIL ARE TEMPORARY (HALF APPLICATION WITHOUT BEADS PER SECTION 02620.



LIGHTED 'X' NOTES:
THE LIGHTED "X" RUNWAY CLOSURE SIGNAL SHALL CONFORM WITH FAA AC 150/5345-55 LATEST EDITION, AND AT A MINIMUM SHALL:

1. BE A PORTABLE, TOWABLE UNIT THAT CAN BE QUICKLY MOVED TO AND FROM THE RUNWAY.
2. CONSIST OF CLEAR INCANDESCENT LAMPS THAT TRANSMIT A WHITE COLOR, ARRANGED IN THE SHAPE OF A LETTER "X" WITH ARMS CROSSED AT AN APPROPRIATE ANGLE TO MAKE THE "X" DISCERNIBLE. THE ARMS SHALL BE PAINTED YELLOW ON ALL SIDES SO THAT THE UNIT WILL BE CLEARLY VISIBLE WHEN IT IS IN UPRIGHT POSITION.
3. BE ENERGIZED BY A PORTABLE POWER SUPPLY.
4. BE CONTROLLED SO THAT THE LIGHTED SIGNAL WILL FLASH AT AN APPROXIMATE RATE OF 2.5-3 SECONDS "ON" AND 1-2.5 SECONDS "OFF".
5. PROVIDE THE FOLLOWING DAYTIME AND NIGHTTIME VISUAL REFERENCE DURING VISUAL FLIGHT RULE (VFR) CONDITIONS WHEN PLACED ON CENTERLINE AND WITHIN 250 FEET OF THE RUNWAY END:
 - VISIBLE TO THE PILOT AT A RANGE OF AT LEAST FIVE (5) NAUTICAL MILES.
 - RECOGNIZABLE AS A LETTER "X" FROM A RANGE OF AT LEAST ONE (1) NAUTICAL MILE.
6. PROVIDE LAMP DIMMING CAPABILITY FOR NIGHTTIME OPERATIONS.
7. PRODUCE A SIGNAL THAT PROVIDES A HORIZONTAL COVERAGE TO AT LEAST 15 DEGREES ON EACH SIDE OF THE RUNWAY CENTERLINE, AND A VERTICAL COVERAGE FROM 0 DEGREES TO 10 DEGREES ABOVE HORIZONTAL, BOTH DAY AND NIGHT, AT A RANGE OF 1 NAUTICAL MILES.
8. ADJUSTABLE AIMING AND LEVELING TO ALLOW TILTING TO AN OPTIMUM ANGLE OF THREE DEGREES FROM VERTICAL.
9. WITHSTAND A MINIMUM WIND SPEED OF AT LEAST 40 MPH WITHOUT AFFECTING AIMING OR OPERATION.
10. INCLUDE AN ILLUMINATED FAILURE INDICATOR THAT IS VISIBLE FROM THE BACK (RUNWAY SIDE) OF THE UNIT.
11. INCLUDE AN OPERATIONS PLACARD IN A CONSPICUOUS LOCATION THAT INSTRUCTS OPERATORS TO VISUALLY CHECK THE OPERATION OF THE DEVICE EVERY TWO HOURS.
12. BE CAPABLE OF ONE PERSON SET-UP IN LESS THAN FIVE MINUTES USING A HYDRAULIC RAISING/LOWERING MECHANISM.
13. HAVE DIESEL PORTABLE POWER WITH ADAPTER TO RUN DIRECTLY FROM ELECTRICAL OUTLETS.
14. HAVE TRAILER HITCH OPTIONS INCLUDING TANDEM TOWING FOR ON-AIRPORT OPERATIONS.
15. HAVE THE ABILITY TO PROVIDE UP TO 120 HOURS OF CONTINUOUS OPERATION.
16. HAVE FAIL SAFE PROTECTION TO ENSURE THAT THE UNIT STAYS ON AS CONTINUOUS LIT IF THE FLASHER UNIT SHOULD FAIL.
17. HAVE DIMENSIONING AND LIGHTING ARRANGEMENT THAT FOLLOWS THE DESIGN CRITERIA OF THE FAA'S AC 150/5345-55 LATEST EDITION. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL TO THE ENGINEER FOR REVIEW OF THE PROPOSED LIGHTED "X" RUNWAY CLOSURE SIGNAL THAT THE CONTRACTOR PROPOSES TO USE ON THE PROJECT AND PRIOR TO ORDERING OR ACQUIRING ANY UNITS. THE SUBMITTAL SHALL CONTAIN SUFFICIENT INFORMATION ON THE PROPOSED LIGHTED "X" RUNWAY CLOSURE SIGNAL TYPE, MANUFACTURER, AND DATE OF MANUFACTURE, TO PROVIDE THE ENGINEER WITH SUFFICIENT INFORMATION/DATA TO PERFORM A THOROUGH AND COMPLETE REVIEW. THE CONTRACTOR SHALL FURNISH THE UNITS ONLY AFTER THE ENGINEER HAS TAKEN NO EXCEPTION TO THE LIGHTED "X" RUNWAY CLOSURE SIGNAL SUBMITTAL.

8
G-021, G-026 - G-028 G-043 SCALE: NTS



9
G-060 - G-062 G-043 SCALE: NTS

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DD	KU	TR	SH

NO.	DATE	REVISIONS
1	03/30/26	ADDENDUM #2

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION
AT
DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII

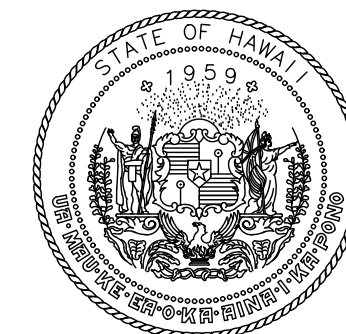
PROJECT NO.:

AO1021-30

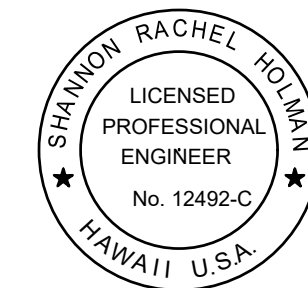
SHEET TITLE:

PHASING DETAILS 3

DATE :	DWG. NO.
01/2026	G-043
SHEET :	
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DEPARTMENT OF TRANSPORTATION
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2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

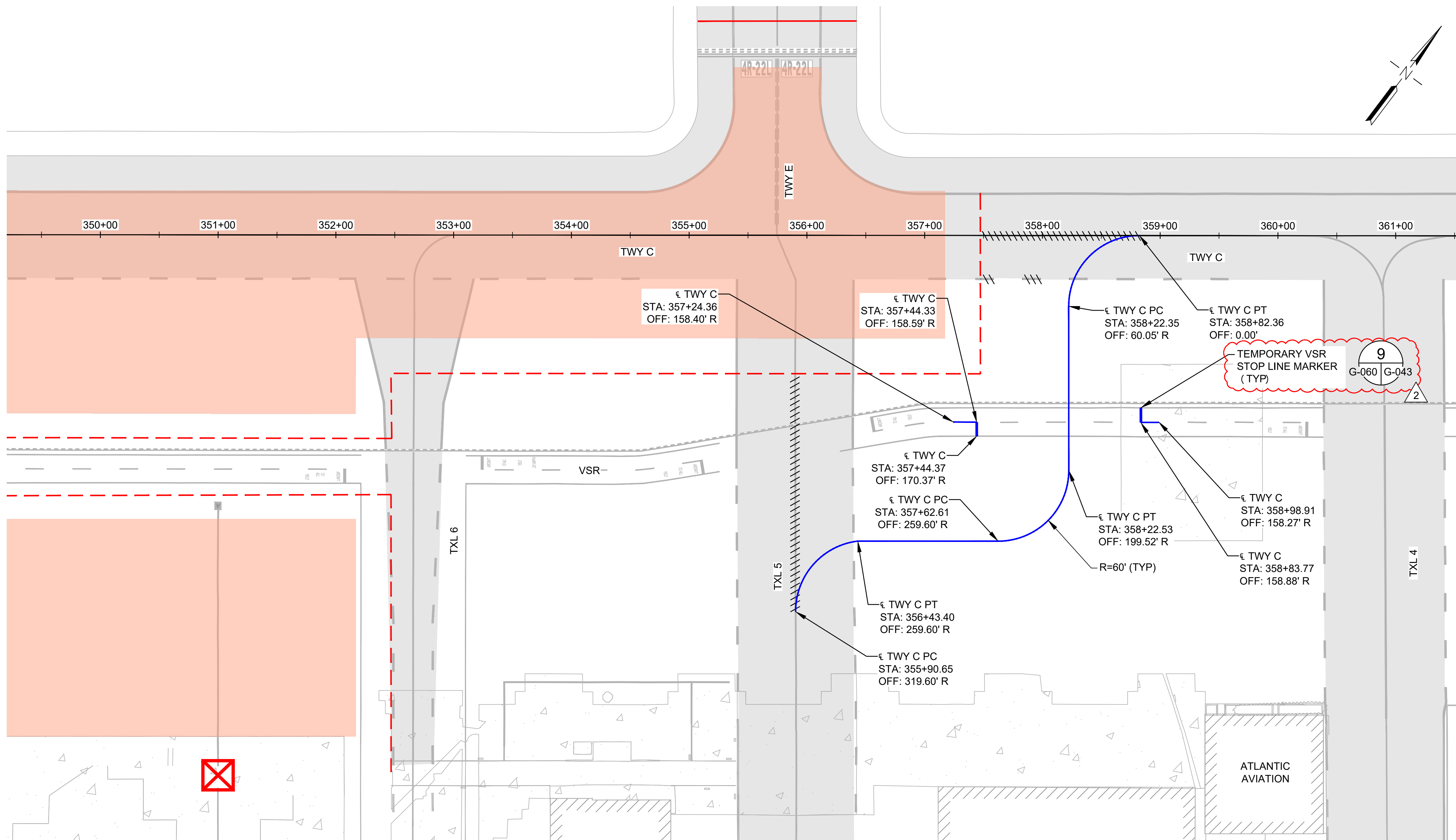
SHEET TITLE:

**TEMP MARKING PLAN
PHASE 2**

DATE :
01/2026
SHEET :
60 OF 171 SHEETS

DWG. NO.

G-060



LEGEND:

- PROJECT WORK AREA (PHASE 2)
- EXISTING TAXIWAY/TAXILANE PAVEMENT
- LOW PROFILE BARRICADES (WITH GAPS)
- TEMPORARY PAVEMENT MARKING
- EXISTING MARKING
- PAVEMENT MARKING BLACKOUT
- HARDSTAND/TENANT LABEL
- HARDSTAND CLOSURE

TEMPORARY CENTERLINE MARKING - PHASE 2
G-023 G-060 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

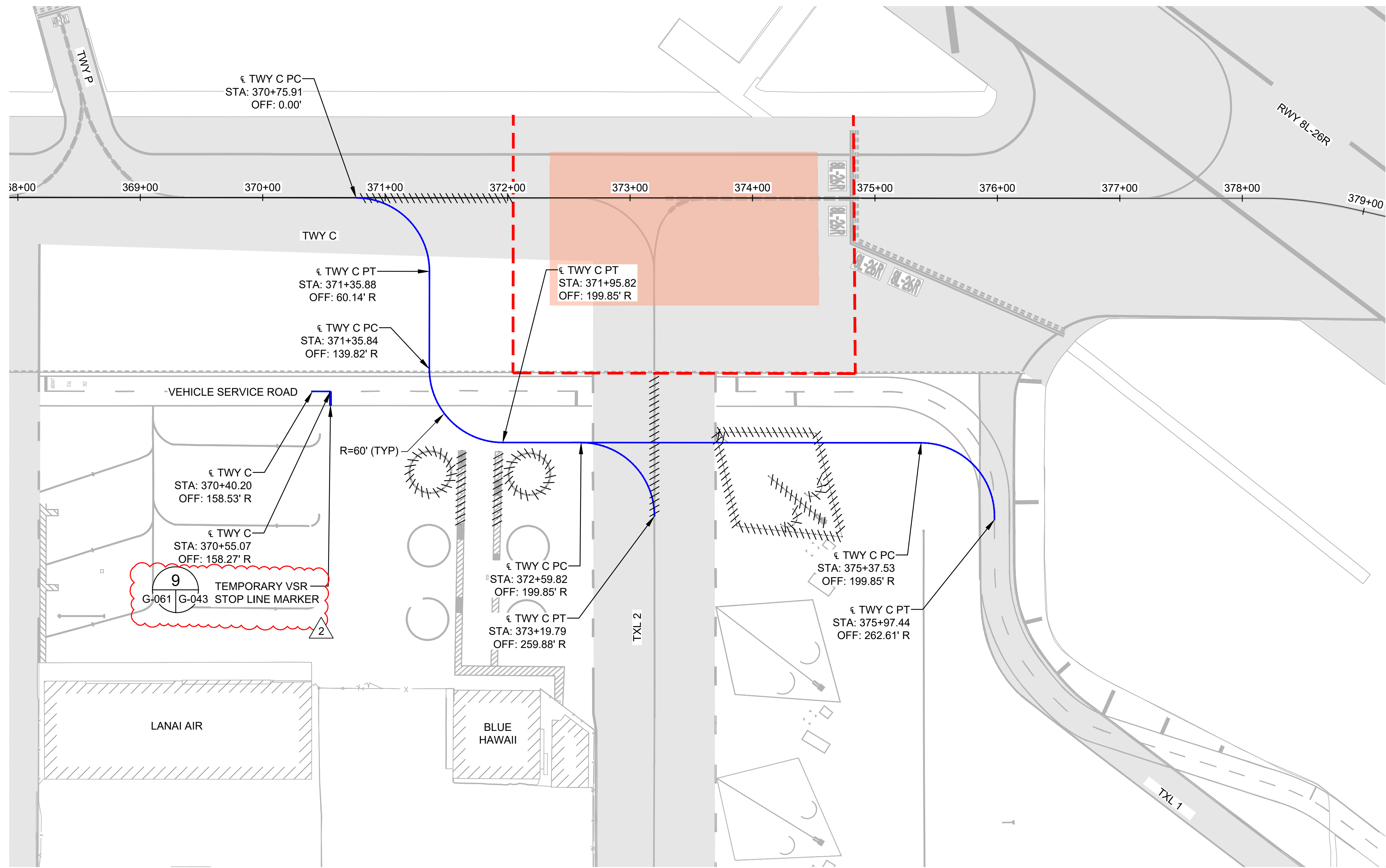
- USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

PRIOR TO THE START OF PHASE 2 CONSTRUCTION:

- SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
- BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
- APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

AFTER THE COMPLETION OF PHASE 2:

- REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
- PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
- TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.



LEGEND:

- PROJECT WORK AREA (PHASE 3)
- EXISTING TAXIWAY/TAXILANE PAVEMENT
- LOW PROFILE BARRICADES (WITH GAPS)
- TEMPORARY PAVEMENT MARKING
- EXISTING MARKING
- PAVEMENT MARKING BLACKOUT
- HARDSTAND/TENANT LABEL
- HARDSTAND CLOSURE

B TEMPORARY CENTERLINE MARKINGS - PHASE 3
G-025 G-061 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

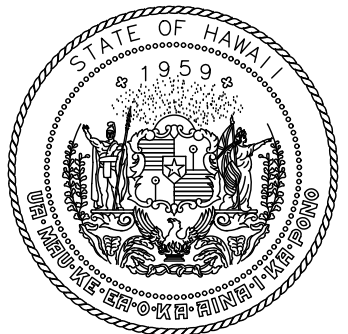
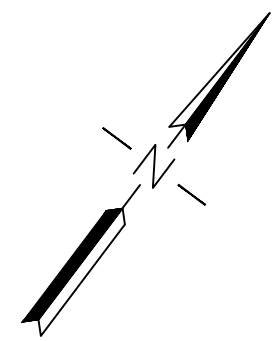
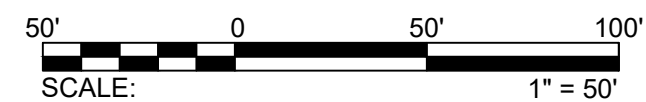
- USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

PRIOR TO THE START OF PHASE 3 CONSTRUCTION:

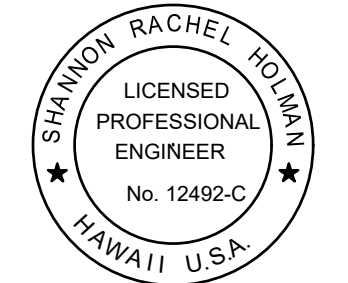
- SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
- BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
- APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

AFTER THE COMPLETION OF PHASE 3 AND PRIOR TO THE START OF PHASE 4:

- REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
- PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
- TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.
- REAPPLY APRON MARKINGS TO PREVIOUSLY SURVEYED LOCATIONS.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Shannon Rachel Looman

04/30/2026
Licensed Expiration Date

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DD	DD	TR	SH

NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

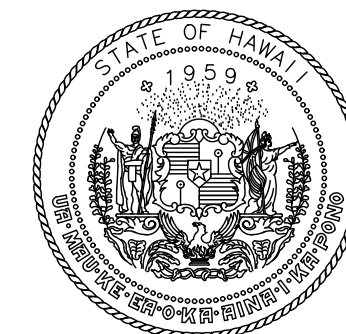
PROJECT NO.:

AO1021-30

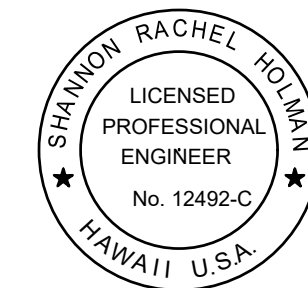
SHEET TITLE:

**TEMP MARKING PLAN
PHASE 3**

DATE :	DWG. NO.
01/2026	G-061
SHEET :	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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04/30/2026
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DD	KU	TR	SH

2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

**TEMP MARKING PLAN
PHASE 6**

DATE :

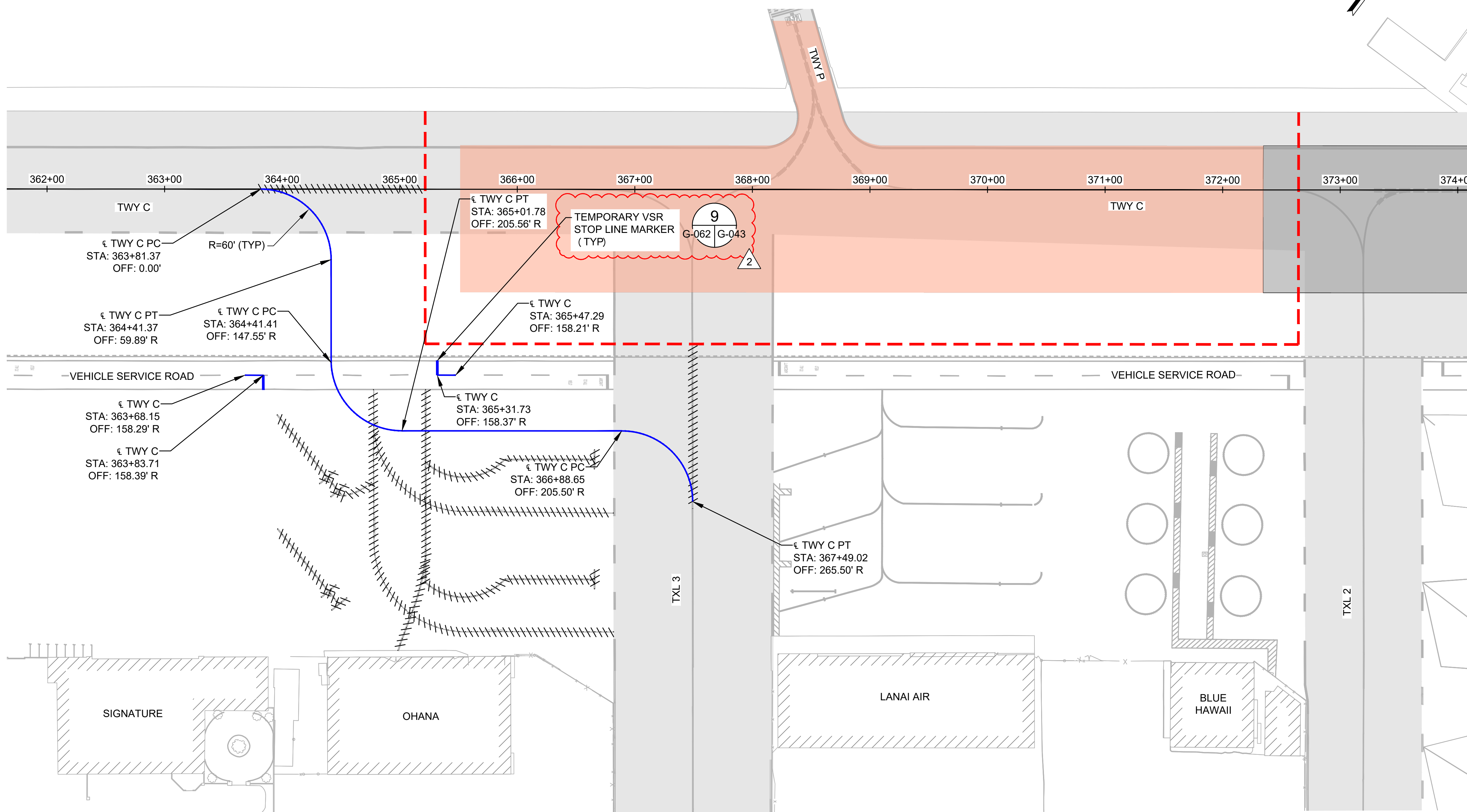
01/2026

SHEET :

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DWG. NO.

G-062



LEGEND:

- PROJECT WORK AREA (PHASE 6)
- COMPLETED CONSTRUCTION
- EXISTING TAXIWAY PAVEMENT
- LOW PROFILE BARRICADES (WITH GAPS)
- TEMPORARY PAVEMENT MARKING
- EXISTING MARKING
- PAVEMENT MARKING BLACKOUT

C TEMPORARY CENTERLINE MARKING - PHASE 6
G-035 G-062 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

- USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

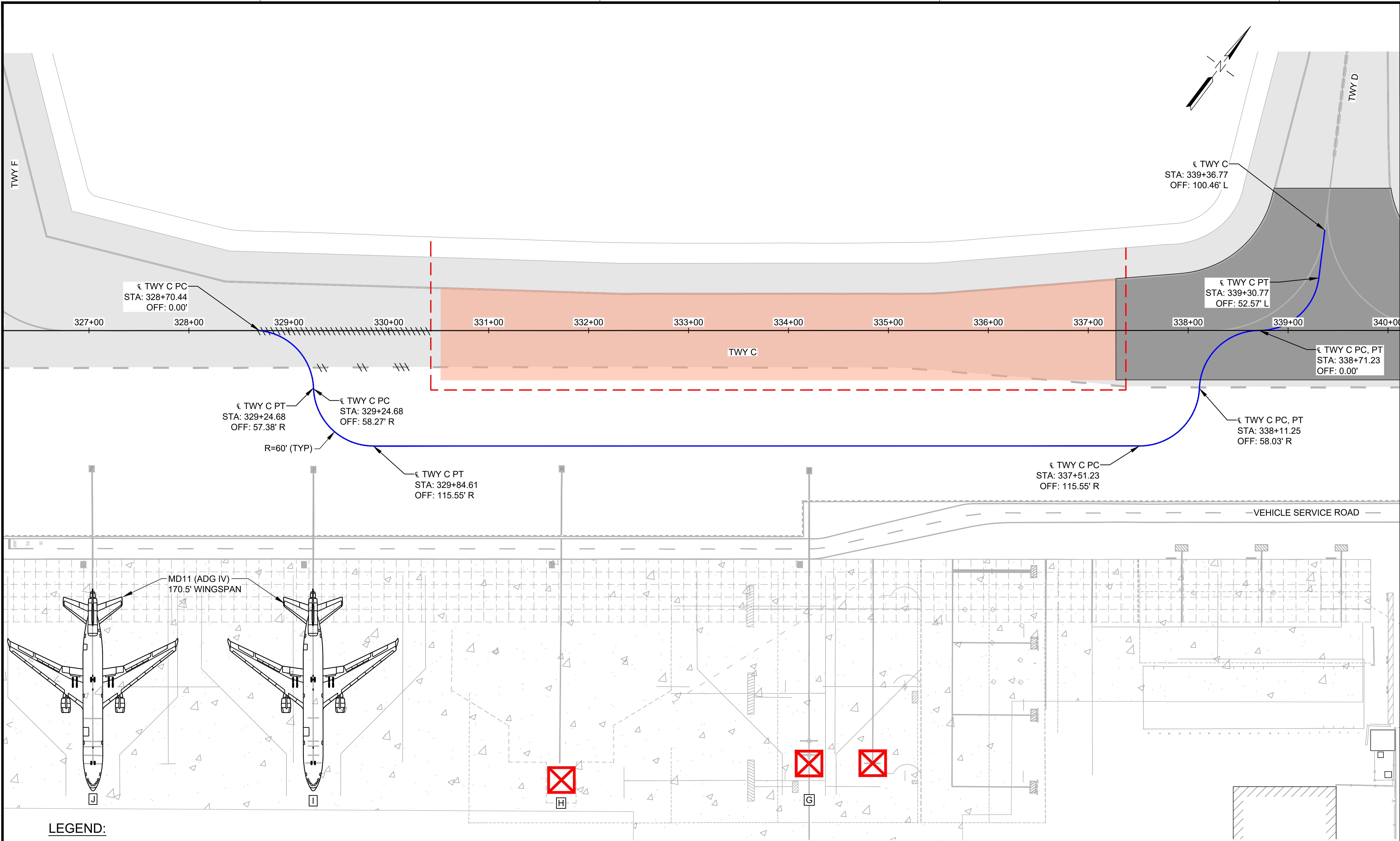
PRIOR TO THE START OF PHASE 6 CONSTRUCTION:

- SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
- BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
- APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

AFTER THE COMPLETION OF PHASE 6 AND PRIOR TO THE START OF PHASE 8:

- REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
- PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
- TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.
- REAPPLY APRON MARKINGS TO PREVIOUSLY SURVEYED LOCATIONS.

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



TEMPORARY CENTERLINE MARKING - PHASE 9
G-035 G-063 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

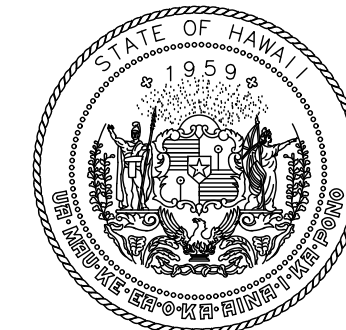
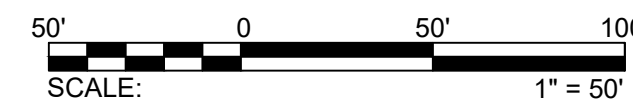
1. USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

PRIOR TO THE START OF PHASE 9 CONSTRUCTION:

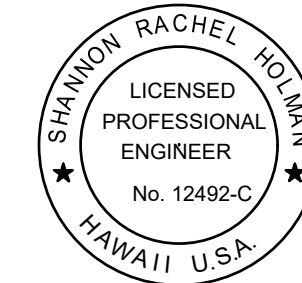
1. SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
2. BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
3. APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

AFTER THE COMPLETION OF PHASE 9 AND PRIOR TO THE START OF PHASE 10:

1. REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
2. PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
3. TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.
4. REAPPLY APRON MARKINGS TO PREVIOUSLY SURVEYED LOCATIONS.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Shannon Rachel Looman

04/30/2026
Licensed Expiration Date

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DD	DD	TR	SH

NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

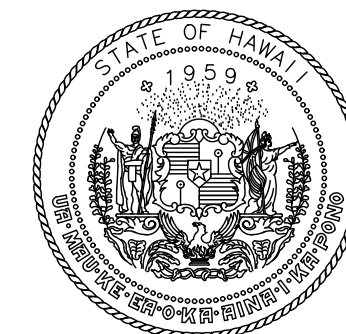
PROJECT NO.:

AO1021-30

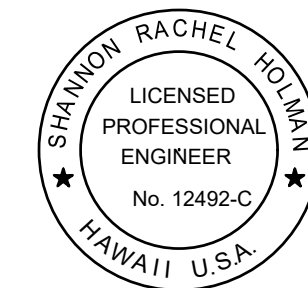
SHEET TITLE:

**TEMP MARKING PLAN
PHASE 9**

DATE :	DWG. NO.
01/2026	G-063
SHEET :	
63 OF 171 SHEETS	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



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04/30/2026
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NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

**TEMP MARKING PLAN
PHASE 10**

DATE :

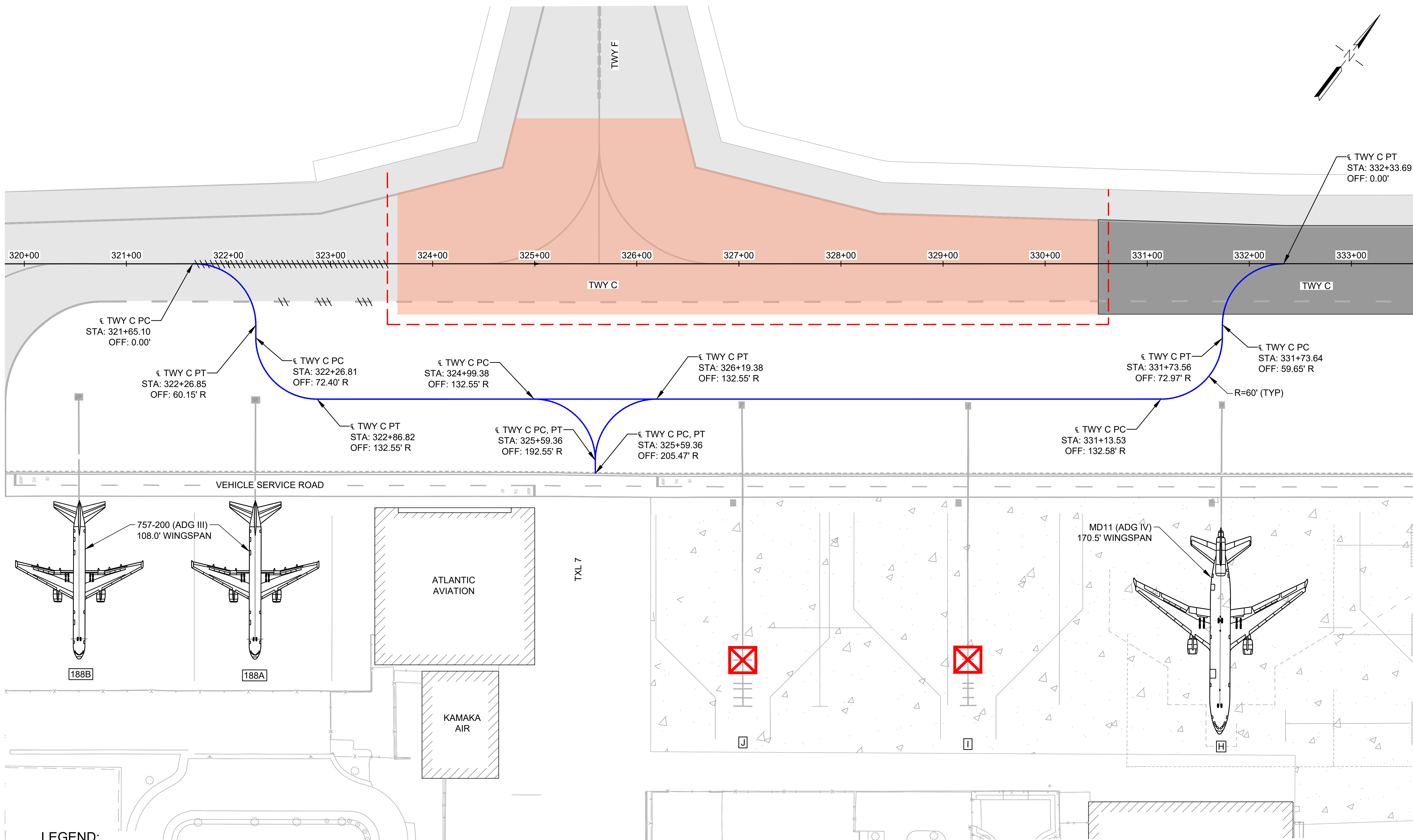
01/2026

SHEET :

64 OF 171 SHEETS

DWG. NO.

G-064



LEGEND:

- PROJECT WORK AREA (PHASE 10)
- COMPLETED CONSTRUCTION
- EXISTING TAXIWAY PAVEMENT
- LOW PROFILE BARRICADES (WITH GAPS)
- TEMPORARY PAVEMENT MARKING
- EXISTING MARKING
- PAVEMENT MARKING BLACKOUT
- HARDSTAND/TENANT LABEL
- HARDSTAND CLOSURE

E TEMPORARY CENTERLINE MARKING - PHASE 10
G-036 G-064 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

- USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

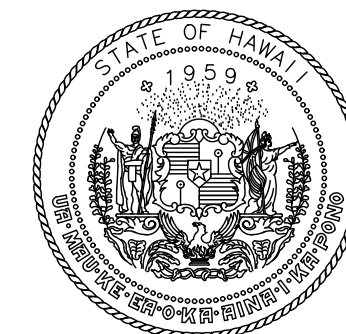
PRIOR TO THE START OF PHASE 10 CONSTRUCTION:

- SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
- BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
- APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

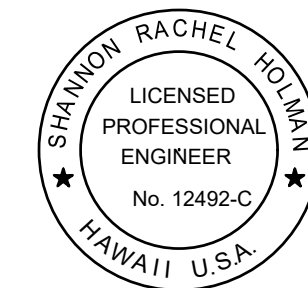
AFTER THE COMPLETION OF PHASE 10 AND PRIOR TO THE START OF PHASE 11:

- REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
- PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
- TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Shannon Rachel Looman

04/30/2026
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DD	KU	TR	SH

NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

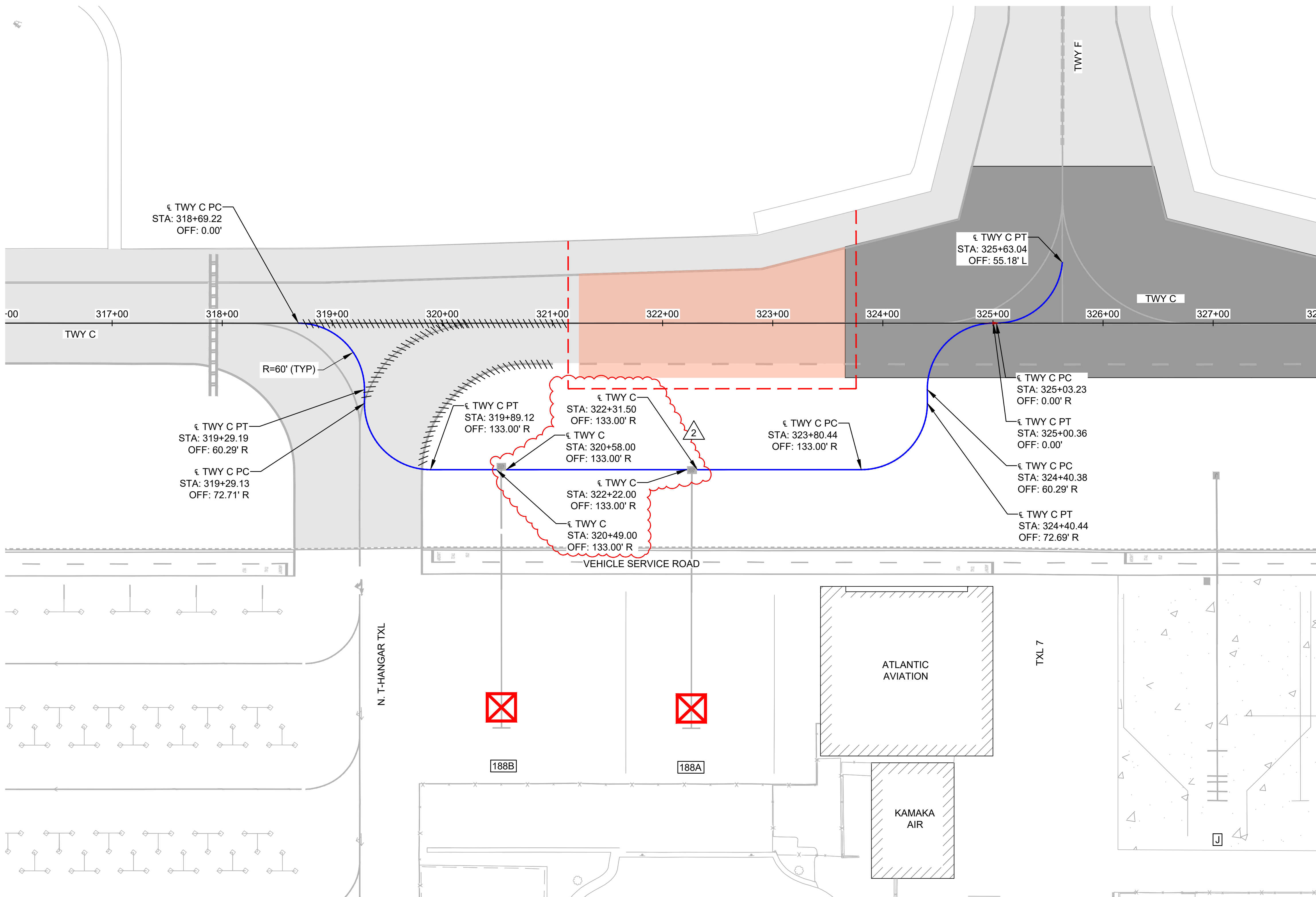
PROJECT NO.:

AO1021-30

SHEET TITLE:

**TEMP MARKING PLAN
PHASE 11**

DATE :	DWG. NO.
01/2026	G-065
SHEET :	
65 OF 171 SHEETS	



LEGEND:

- PROJECT WORK AREA (PHASE 11)
- COMPLETED CONSTRUCTION
- EXISTING TAXIWAY PAVEMENT
- LOW PROFILE BARRICADES (WITH GAPS)
- TEMPORARY PAVEMENT MARKING
- EXISTING MARKING
- PAVEMENT MARKING BLACKOUT
- HARDSTAND/TENANT LABEL
- HARDSTAND CLOSURE

TEMPORARY CENTERLINE MARKING - PHASE 11
G-037 G-065 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

- USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

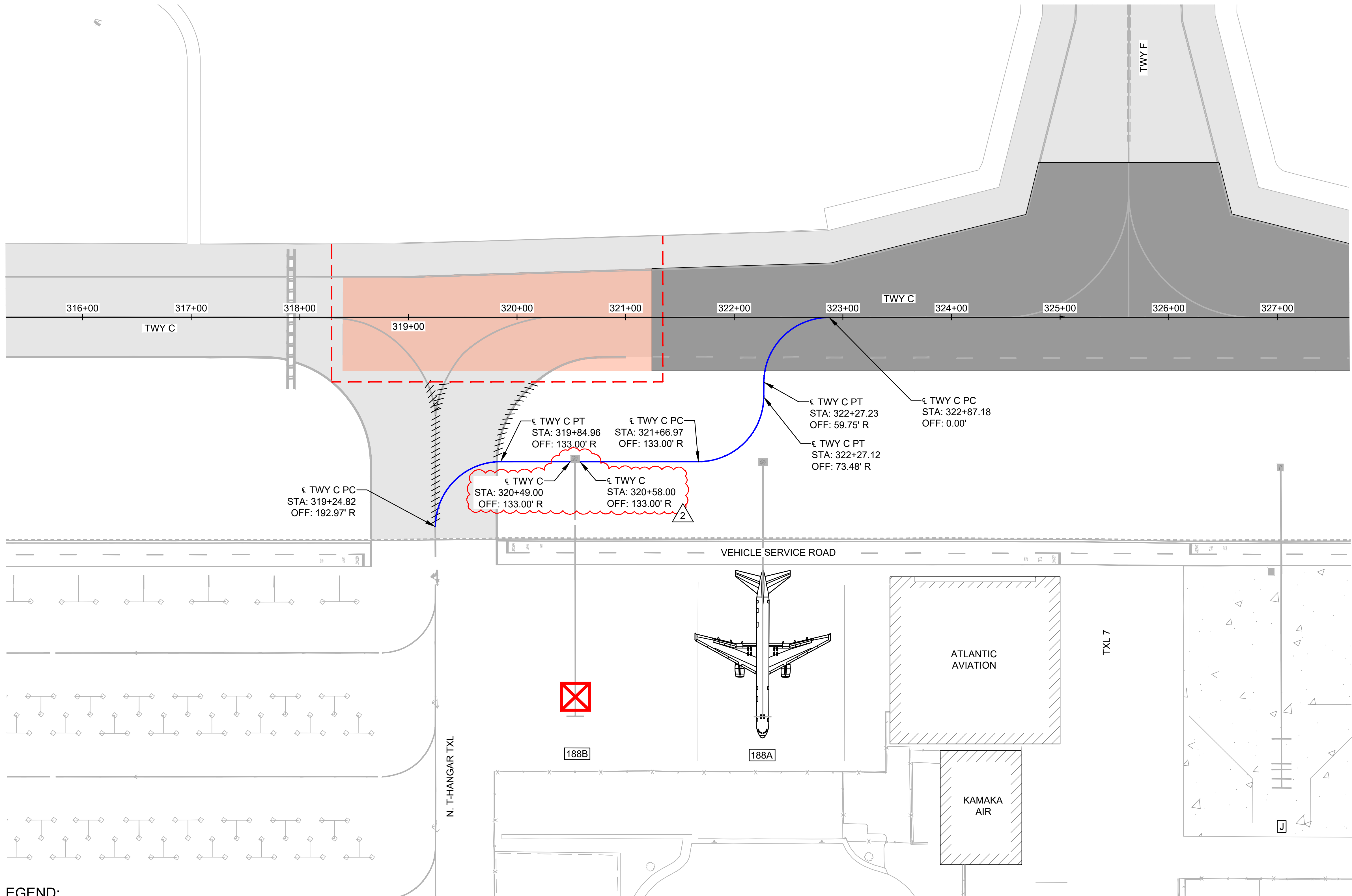
PRIOR TO THE START OF PHASE 11 CONSTRUCTION:

- SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
- BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
- APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

AFTER THE COMPLETION OF PHASE 11 AND PRIOR TO THE START OF PHASE 12:

- REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
- PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
- TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.

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



LEGEND:

- PROJECT WORK AREA (PHASE 12)
- COMPLETED CONSTRUCTION
- EXISTING TAXIWAY PAVEMENT
- LOW PROFILE BARRICADES (WITH GAPS)
- TEMPORARY PAVEMENT MARKING
- EXISTING MARKING
- PAVEMENT MARKING BLACKOUT
- HARDSTAND/TENANT LABEL
- HARDSTAND CLOSURE

TEMPORARY CENTERLINE MARKING - PHASE 12
G-038 G-066 SCALE: 1" = 50'

SCHEDULE OF WORK NOTES:

- USE PAVEMENT MARKING TAPE IN NEW PAVEMENT AREAS. REPLACE IF IT BECOMES LOOSE OR DAMAGED AS DIRECTED BY THE RPR.

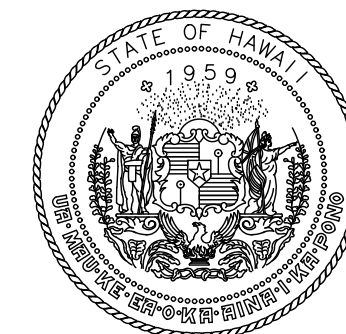
PRIOR TO THE START OF PHASE 12 CONSTRUCTION:

- SURVEY AND DOCUMENT EXISTING CENTERLINE MARKING LOCATIONS PRIOR TO BLACKOUT FOR REESTABLISHING CENTERLINES AT THE COMPLETION OF EACH PHASE.
- BLACKOUT EXISTING CENTERLINE AND EDGE LINE PAVEMENT MARKINGS TO THE LIMITS SHOWN.
- APPLY TEMPORARY CENTERLINE MARKINGS TO THE LIMITS SHOWN.

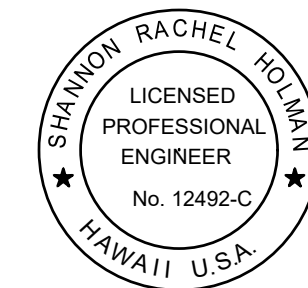
AFTER THE COMPLETION OF PHASE 12 AND PRIOR TO THE START OF PHASE 13:

- REMOVE PAVEMENT MARKING TAPE IN AREAS WHERE APPLIED.
- PREPARE SURFACE AND APPLY FINAL PAVEMENT MARKINGS PER SECTION 02620.
- TEMPORARY MARKING BLACKOUT SHALL OCCUR PER SECTION 02620 AND SEAL COATED PER SECTION 02608.

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
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DD	KU	TR	SH

2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

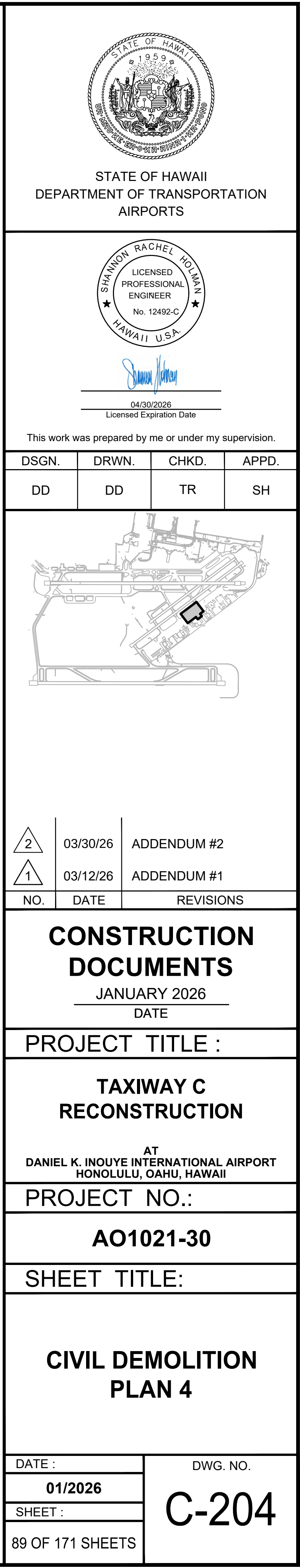
PROJECT NO.:

AO1021-30

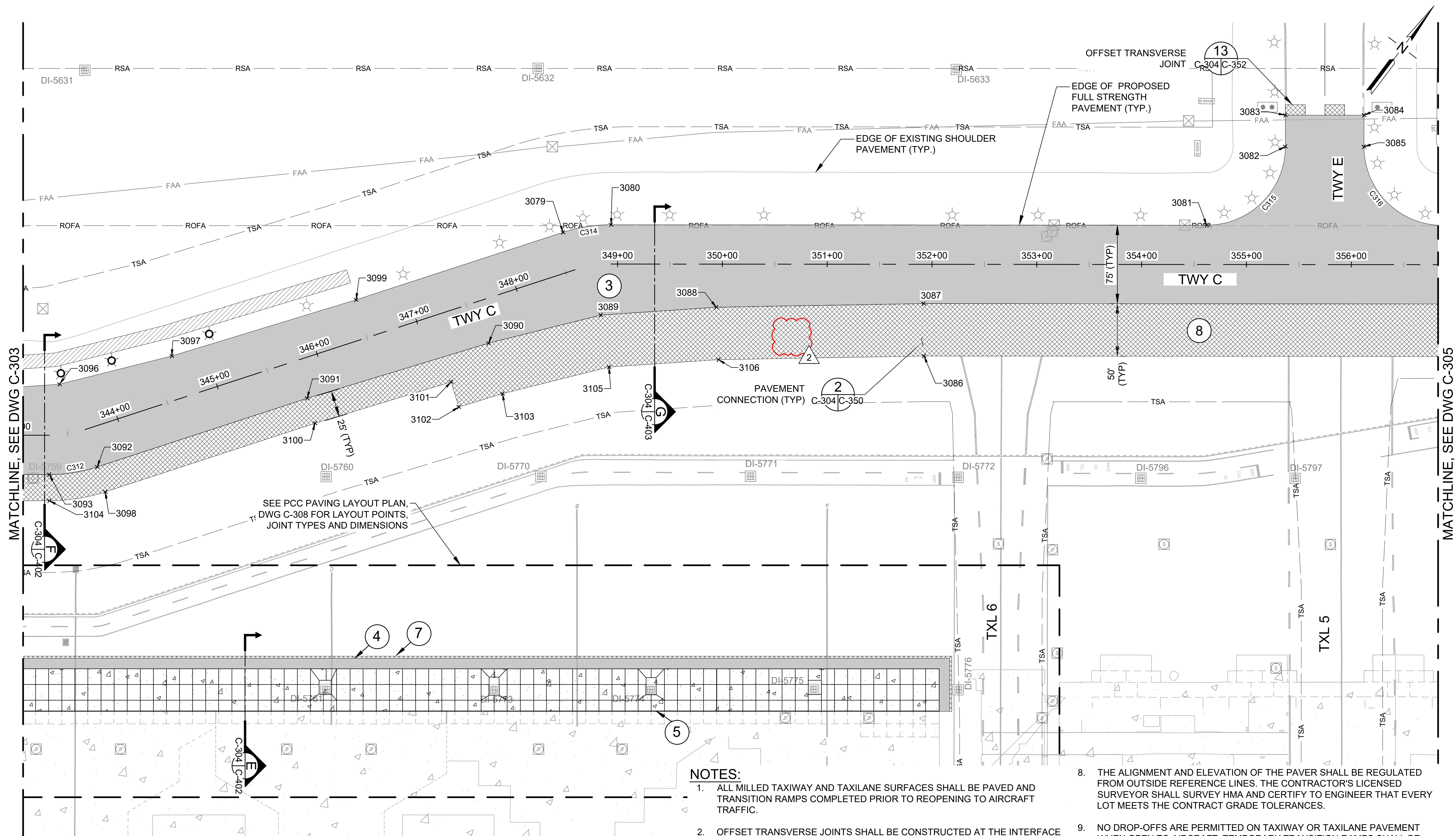
SHEET TITLE:

TEMP MARKING PLAN
PHASE 12

DATE :	DWG. NO.
01/2026	G-066
SHEET :	
66 OF 171 SHEETS	



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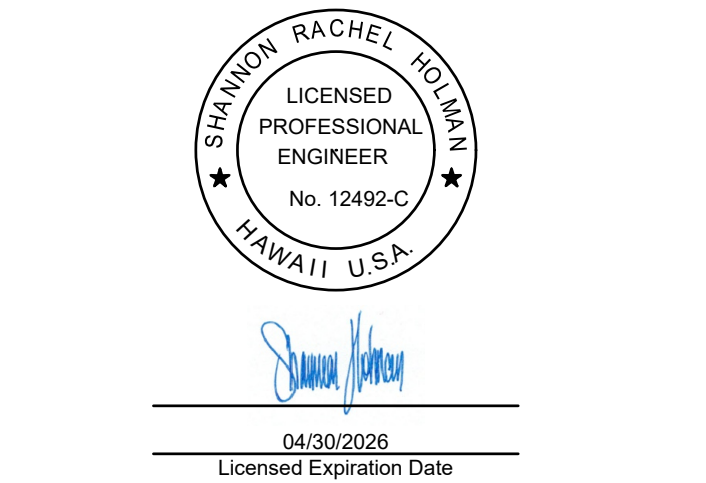


LEGEND:

	NEW AC PAVEMENT (20" DEPTH)		NEW AC SHOULDER PAVEMENT (4" DEPTH)		WATER MANHOLE/VALVE
	NEW AC PAVEMENT (19" DEPTH)		NEW AC OVERLAY PAVEMENT (3" DEPTH)		EXISTING TAXIWAY LIGHT
	NEW AC PAVEMENT (15" DEPTH)		NEW AC OVERLAY PAVEMENT (VARIABLE DEPTH)		EXISTING RUNWAY LIGHT
	NEW AC PAVEMENT (14" DEPTH)		LAYOUT POINT, SEE NOTE 12		EXISTING GUARD LIGHT
	NEW PCC PAVEMENT (18" DEPTH)		FIRE HYDRANT		EXISTING ELECTRICAL HANDHOLE / MANHOLE
			AIRCRAFT TIE-DOWN		EXISTING AIRFIELD SIGN
			PROPOSED TAXIWAY LIGHT		EXISTING DRAIN INLET
					EXISTING DRAIN MANHOLE
					EXISTING SEWER MANHOLE

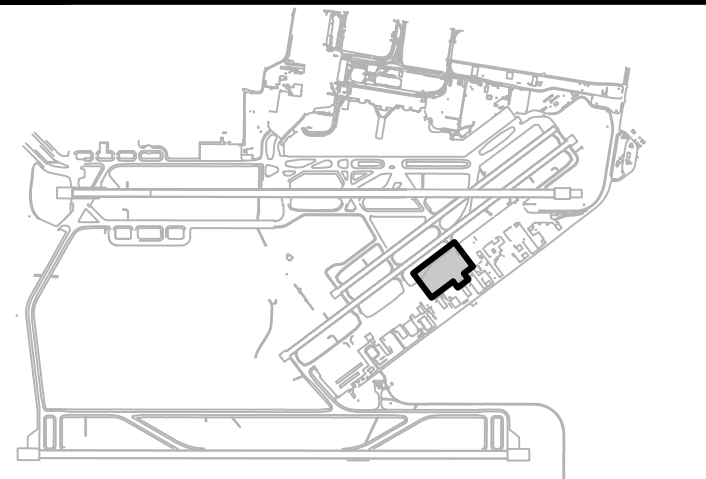
NOTES:

- ALL MILLED TAXIWAY AND TAXILANE SURFACES SHALL BE PAVED AND TRANSITION RAMPS COMPLETED PRIOR TO REOPENING TO AIRCRAFT TRAFFIC.
- OFFSET TRANSVERSE JOINTS SHALL BE CONSTRUCTED AT THE INTERFACE WITH PAVEMENTS PLACED DURING PREVIOUS WORK SHIFTS. THE CONTRACTOR SHALL DEVELOP A PAVING PLAN THAT MINIMIZES OFFSET TRANSVERSE JOINTS.
- OFFSET TRANSVERSE JOINTS ON THE SURFACE COURSE SHALL BE OFFSET A MINIMUM OF 10' FROM TRANSVERSE JOINTS ON LOWER PAVING LIFTS.
- OFFSET TRANSVERSE JOINTS ARE NOT REQUIRED ON SHOULDERS.
- STEEL DRUM ROLLERS ARE NOT PERMITTED ON CONCRETE. ONLY PNEUMATIC ROLLERS ARE PERMITTED ON CONCRETE. ANY DAMAGE TO CONCRETE SURFACES CAUSED BY ROLLERS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TRUCKS SHALL NOT TRAVERSE OVER CUT AND PREPARED JOINTS.
- VEHICLE TRAFFIC OVER TACK COAT SHALL BE KEPT TO A MINIMUM. TACKED SURFACES THAT HAVE BEEN CONTAMINATED SHALL BE CLEANED AND RE-TACKED AT THE DIRECTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
- THE ALIGNMENT AND ELEVATION OF THE PAVER SHALL BE REGULATED FROM OUTSIDE REFERENCE LINES. THE CONTRACTOR'S LICENSED SURVEYOR SHALL SURVEY HMA AND CERTIFY TO ENGINEER THAT EVERY LOT MEETS THE CONTRACT GRADE TOLERANCES.
- NO DROP-OFFS ARE PERMITTED ON TAXIWAY OR TAXILANE PAVEMENT WHEN OPEN TO AIRCRAFT. TEMPORARY TRANSITION RAMPS SHALL BE USED PER PAVING DETAIL 14 ON SHEET C-352.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL STRUCTURES TO BE PROTECTED, ADJUSTED, OR REMOVED.
- SEE PHASING AND BARRICADE PLANS FOR APPROVED CONTRACTOR HAUL ROUTES.
- SEE SHEET C-309 FOR PAVING LAYOUT PLAN POINT AND CURVE TABLES.
- CONSTRUCTION AND CONTRACTION JOINTS MAY BE INTERCHANGED BASED ON THE CONTRACTOR'S MEANS AND METHODS.
- PRIOR TO CONSTRUCTION, ALL EXISTING STRUCTURES WITHIN PCC PAVEMENT LIMITS SHALL BE INVESTIGATED AND CONFIRMED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 02753. STRUCTURES SHALL BE PROTECTED, ADJUSTED, OR RELOCATED AS REQUIRED, AND APPLICABLE PCC DETAILS MAY BE REVISED BASED ON THE RESULTS OF THE INVESTIGATION.



This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
DD	DD	TR	SH



NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

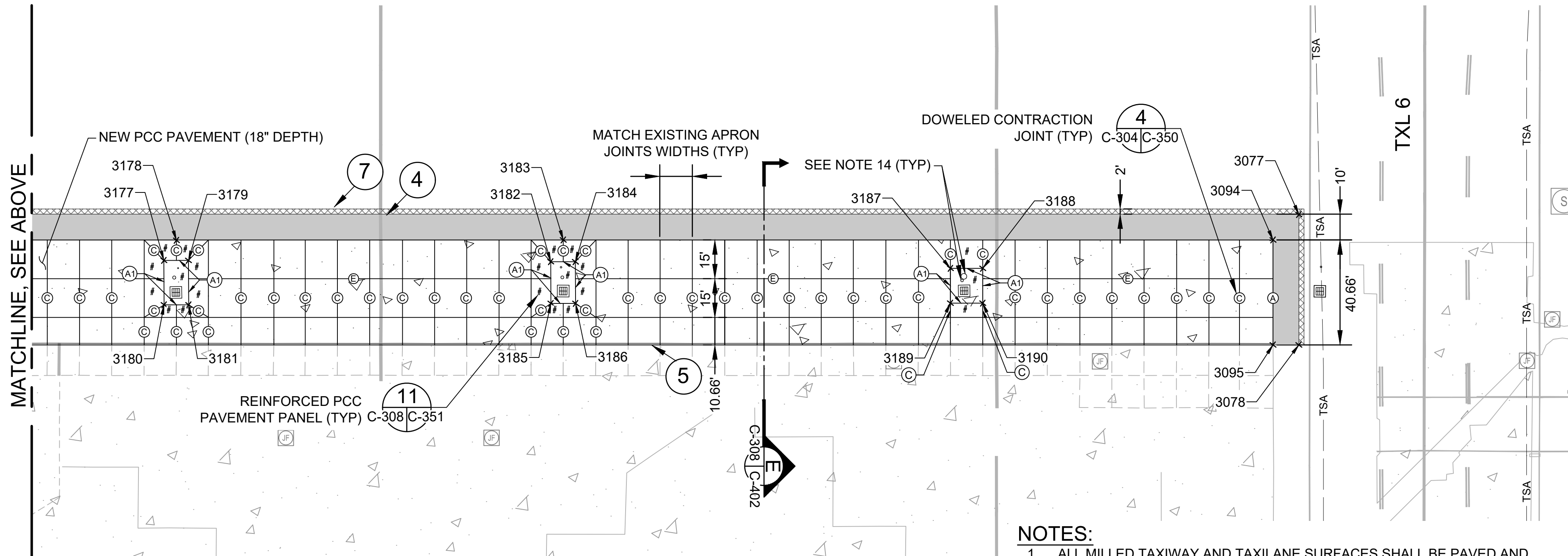
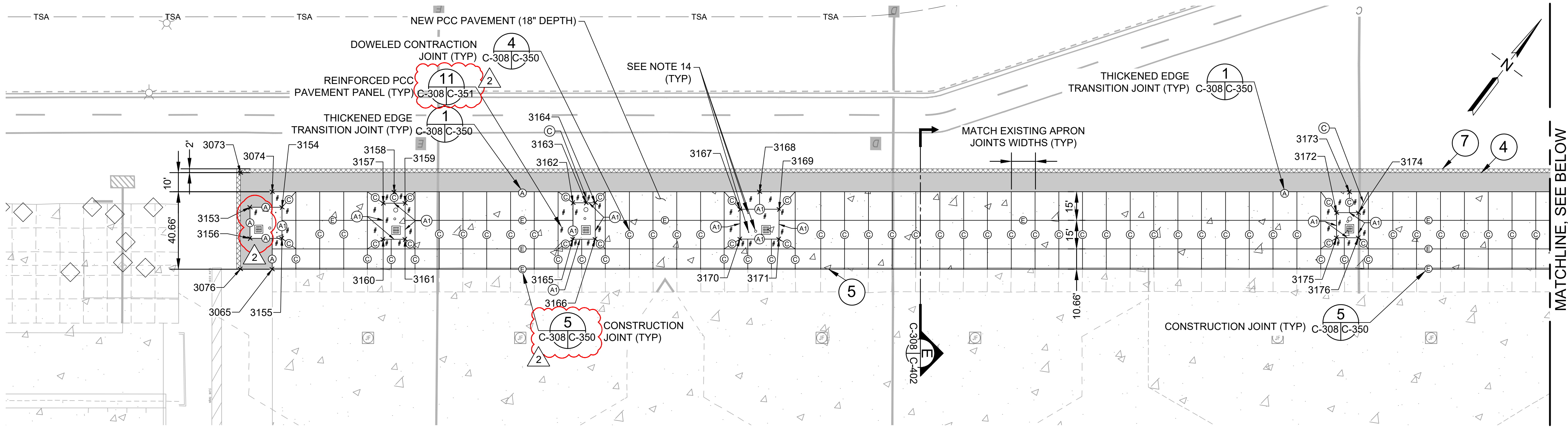
AO1021-30

SHEET TITLE:

PAVING LAYOUT
PLAN 4

DATE :	DWG. NO.
01/2026	C-304
SHEET :	
98 OF 171 SHEETS	

C:\USERS\KUYE\HARAJON\ENGINEERS & ASSOCIATES\HDOTA\HNL\TWY C.D.F.-J-TWY C RECONSTRUCTION\03.ENG02.DWG\SAO1021-30-CEA-HNL-PAVED.DWG

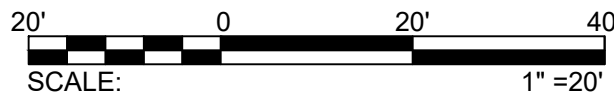


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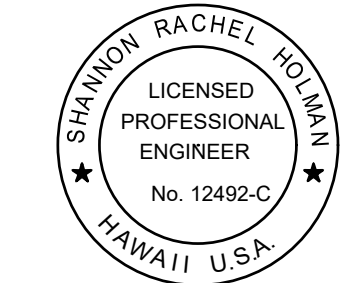
	NEW AC PAVEMENT (20" DEPTH)		NEW AC OVERLAY PAVEMENT (3" DEPTH)		WATER MANHOLE/VALVE
	NEW AC PAVEMENT (19" DEPTH)		NEW AC OVERLAY PAVEMENT (VARIABLE DEPTH)		EXISTING TAXIWAY LIGHT
	NEW AC PAVEMENT (15" DEPTH)		LAYOUT POINT, SEE DWG C-309		EXISTING RUNWAY LIGHT
	NEW AC PAVEMENT (14" DEPTH)		FIRE HYDRANT		EXISTING GUARD LIGHT
	NEW PCC PAVEMENT (18" DEPTH)		AIRCRAFT TIE-DOWN		EXISTING ELECTRICAL HANDHOLE / MANHOLE
	NEW AC SHOULDER PAVEMENT (4" DEPTH)		PROPOSED TAXIWAY LIGHT		EXISTING AIRFIELD SIGN
			JOINT TYPE. SEE PCC PAVING DETAIL SHEETS		EXISTING DRAIN INLET
			REINFORCED PCC PAVEMENT. SEE PCC PAVING DETAILS		EXISTING DRAIN MANHOLE
					EXISTING SEWER MANHOLE

NOTES:

- ALL MILLED TAXIWAY AND TAXILANE SURFACES SHALL BE PAVED AND TRANSITION RAMPS COMPLETED PRIOR TO REOPENING TO AIRCRAFT TRAFFIC.
- OFFSET TRANSVERSE JOINTS SHALL BE CONSTRUCTED AT THE INTERFACE WITH PAVEMENTS PLACED DURING PREVIOUS WORK SHIFTS. THE CONTRACTOR SHALL DEVELOP A PAVING PLAN THAT MINIMIZES OFFSET TRANSVERSE JOINTS.
- OFFSET TRANSVERSE JOINTS ON THE SURFACE COURSE SHALL BE OFFSET A MINIMUM OF 10' FROM TRANSVERSE JOINTS ON LOWER PAVING LIFTS.
- OFFSET TRANSVERSE JOINTS ARE NOT REQUIRED ON SHOULDERS.
- STEEL DRUM ROLLERS ARE NOT PERMITTED ON CONCRETE. ONLY PNEUMATIC ROLLERS ARE PERMITTED ON CONCRETE. ANY DAMAGE TO CONCRETE SURFACES CAUSED BY ROLLERS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TRUCKS SHALL NOT TRAVERSE OVER CUT AND PREPARED JOINTS.
- VEHICLE TRAFFIC OVER TACK COAT SHALL BE KEPT TO A MINIMUM. TACKED SURFACES THAT HAVE BEEN CONTAMINATED SHALL BE CLEANED AND RE-TACKED AT THE DIRECTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
- THE ALIGNMENT AND ELEVATION OF THE PAVER SHALL BE REGULATED FROM OUTSIDE REFERENCE LINES. THE CONTRACTOR'S LICENSED SURVEYOR SHALL SURVEY HMA AND CERTIFY TO ENGINEER THAT EVERY LOT MEETS THE CONTRACT GRADE TOLERANCES.
- NO DROP-OFFS ARE PERMITTED ON TAXIWAY OR TAXILANE PAVEMENT WHEN OPEN TO AIRCRAFT. TEMPORARY TRANSITION RAMPS SHALL BE USED PER PAVING DETAIL 14 ON SHEET C-352.
- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL STRUCTURES TO BE PROTECTED, ADJUSTED, OR REMOVED.
- SEE PHASING AND BARRICADE PLANS FOR APPROVED CONTRACTOR HAUL ROUTES.
- SEE SHEET C-309 FOR PAVING LAYOUT PLAN POINT AND CURVE TABLES.
- CONSTRUCTION AND CONTRACTION JOINTS MAY BE INTERCHANGED BASED ON THE CONTRACTOR'S MEANS AND METHODS.
- PRIOR TO CONSTRUCTION, ALL EXISTING STRUCTURES WITHIN PCC PAVEMENT LIMITS SHALL BE INVESTIGATED AND CONFIRMED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 02753. STRUCTURES SHALL BE PROTECTED, ADJUSTED, OR RELOCATED AS REQUIRED, AND APPLICABLE PCC DETAILS MAY BE REVISED BASED ON THE RESULTS OF THE INVESTIGATION.



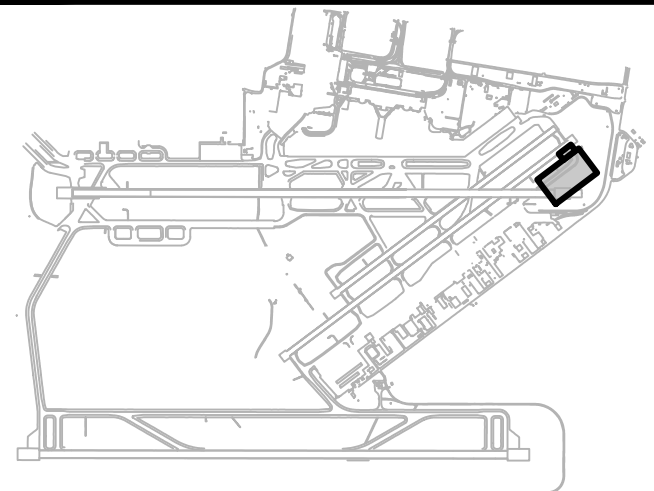
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	SG	TR	SH



	03/30/26	ADDENDUM #2
	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

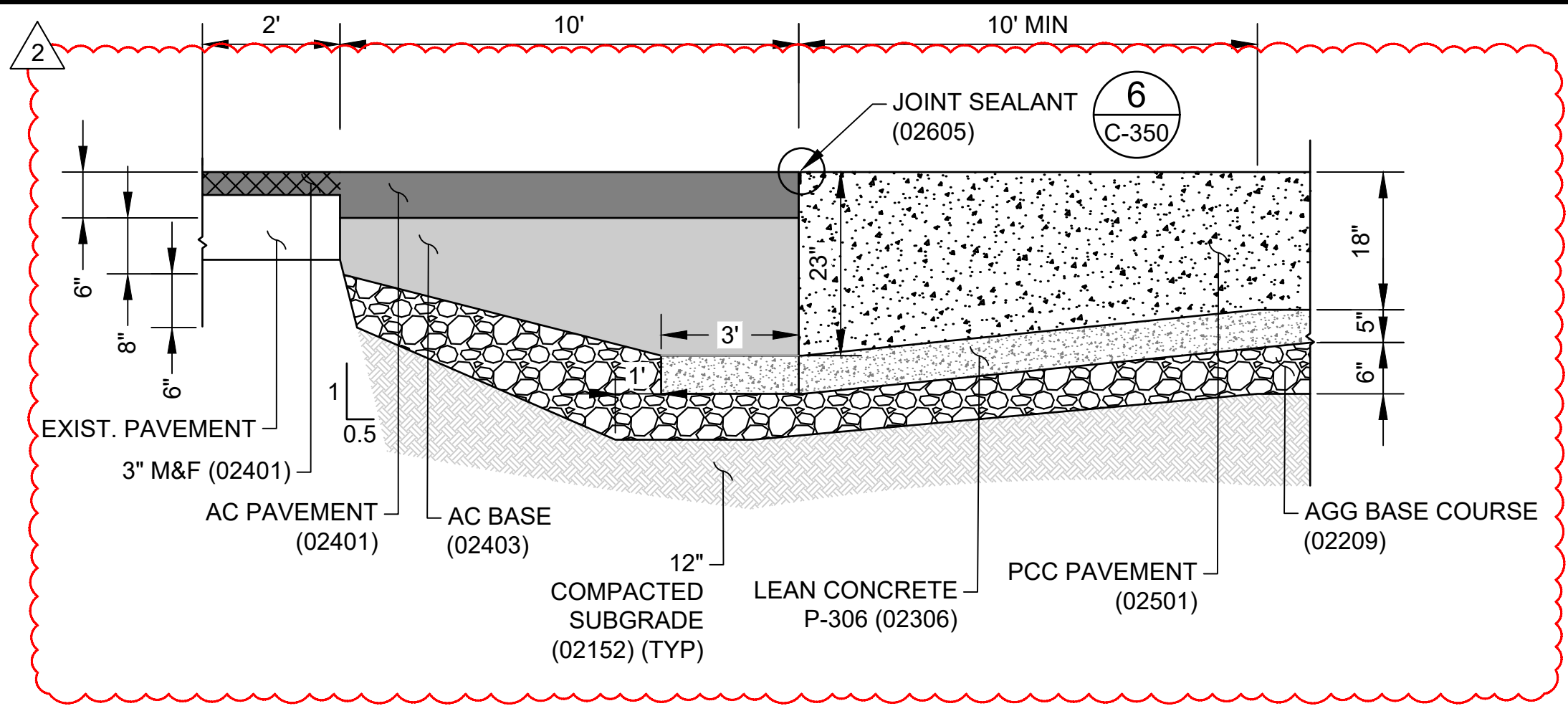
PROJECT NO.:

AO1021-30

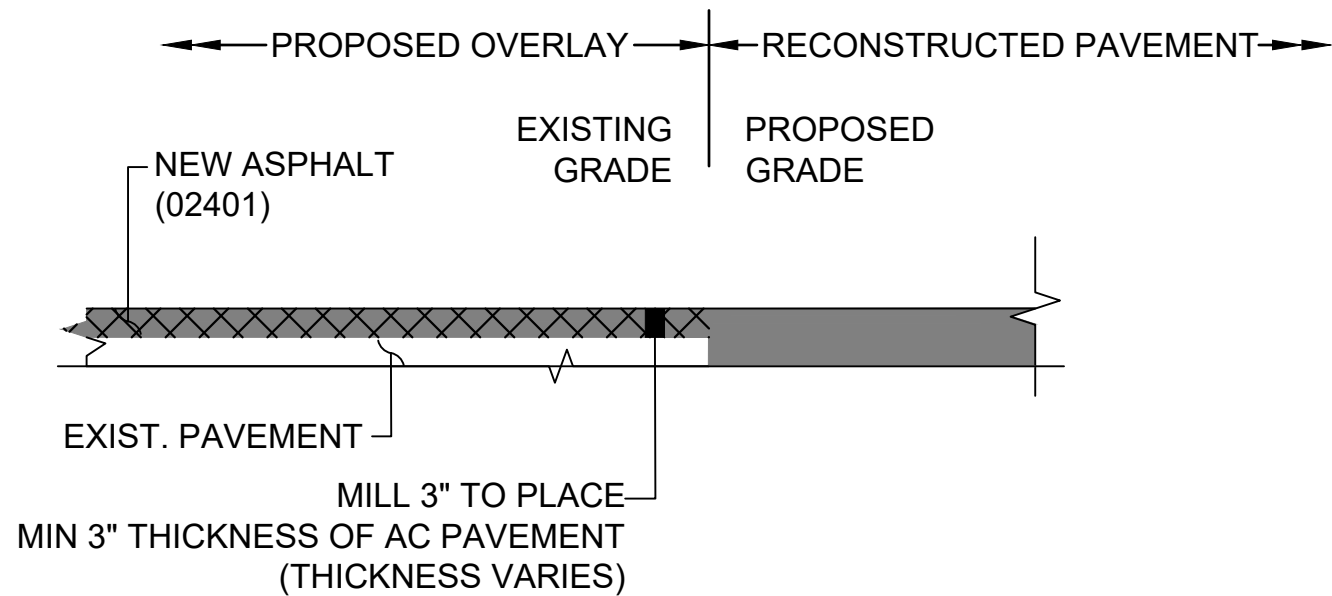
SHEET TITLE:

PCC PAVING
LAYOUT PLAN

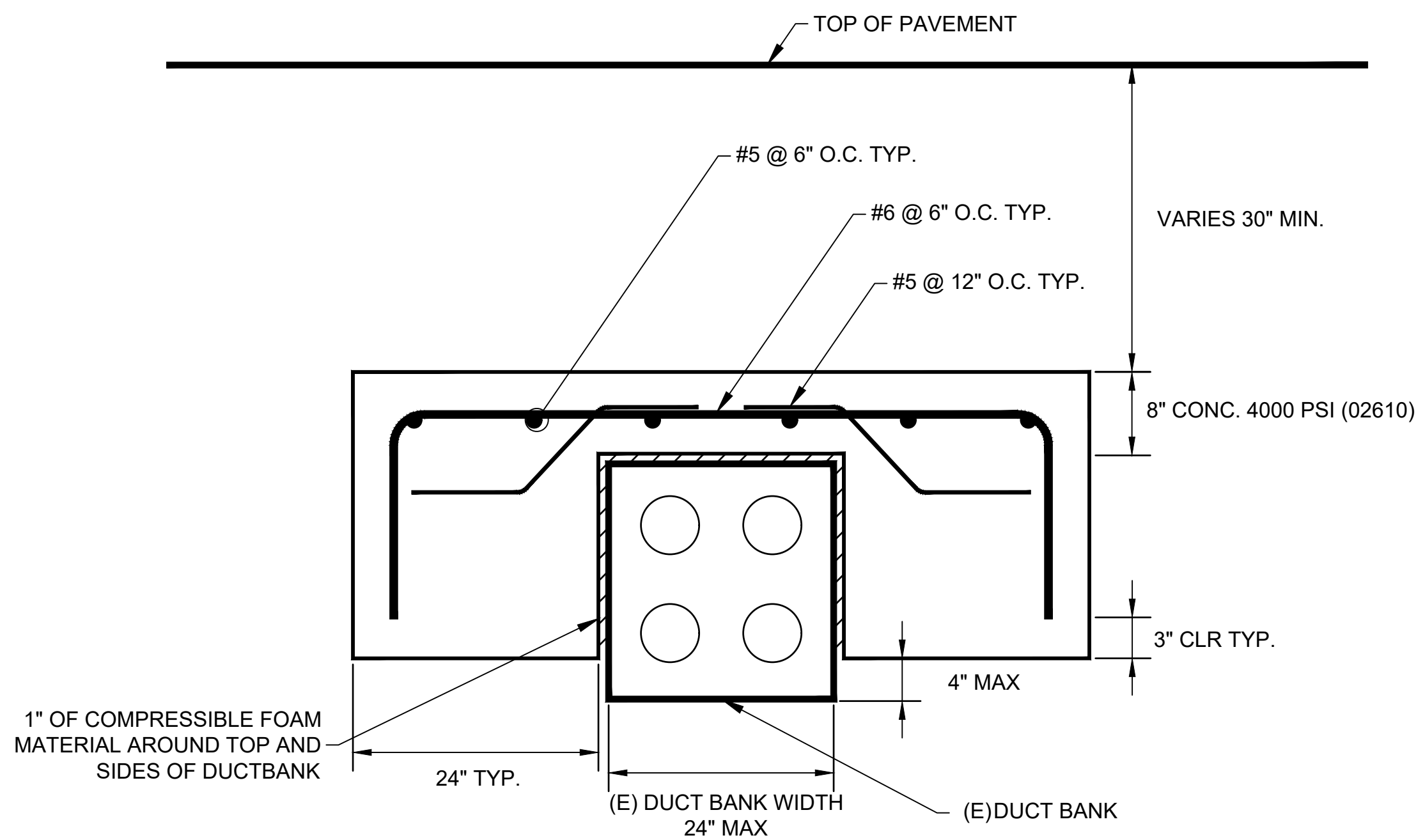
DATE :	DWG. NO.
01/2026	C-308
SHEET :	
102 OF 171 SHEETS	



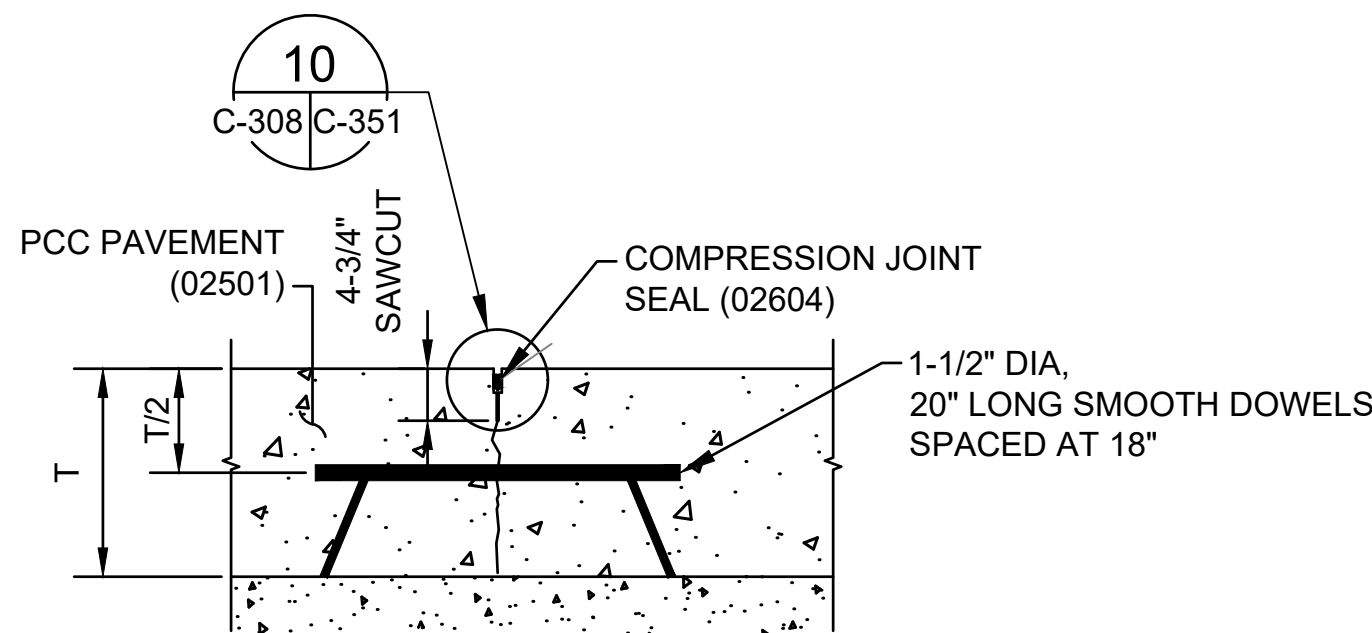
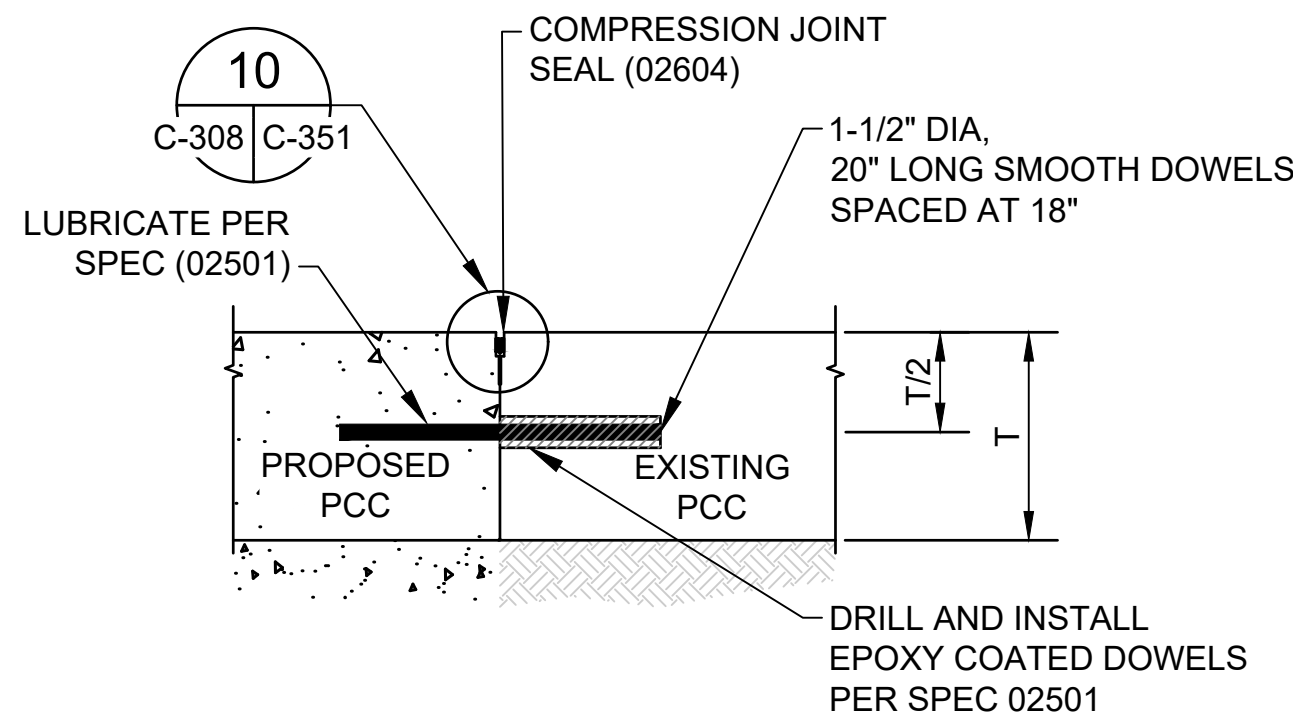
1 THICKENED EDGE TRANSITION JOINT - TYPE A
C-308 C-350 SCALE: NTS



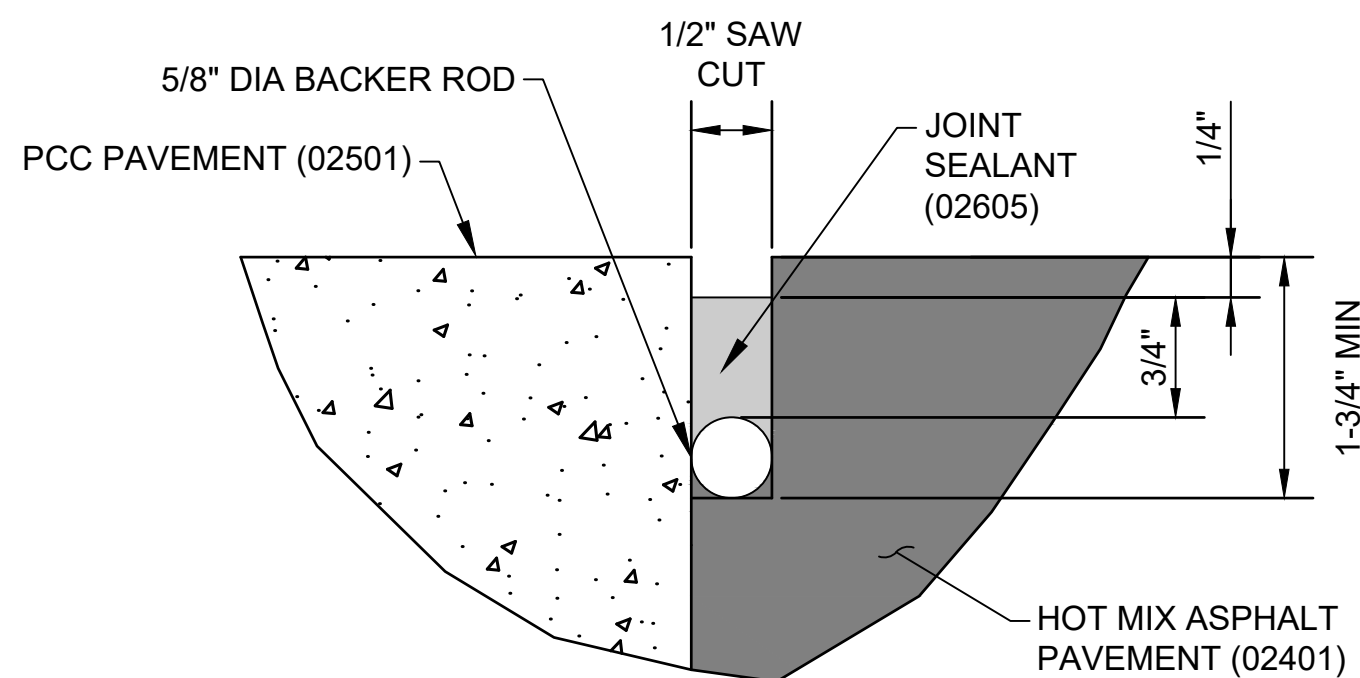
2 PAVEMENT CONNECTION DETAIL
C-301 - C-307 C-350 SCALE: NTS



3 TYPICAL FAA DUCTBANK PROTECTION SLAB
C-301 & C-306 C-350 SCALE: NTS



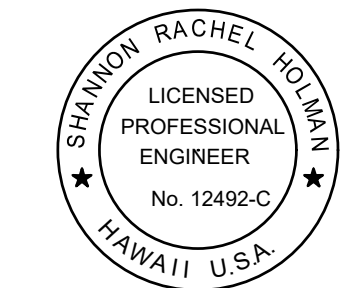
4 DOWELED CONTRACTION JOINT - TYPE C
C-308 C-350 SCALE: NTS



6 JOINT SEALANT DETAIL FOR TYPE A
C-308 & C-350 C-350 SCALE: NTS



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Shannon Holman
04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	DD	TR	SH

NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

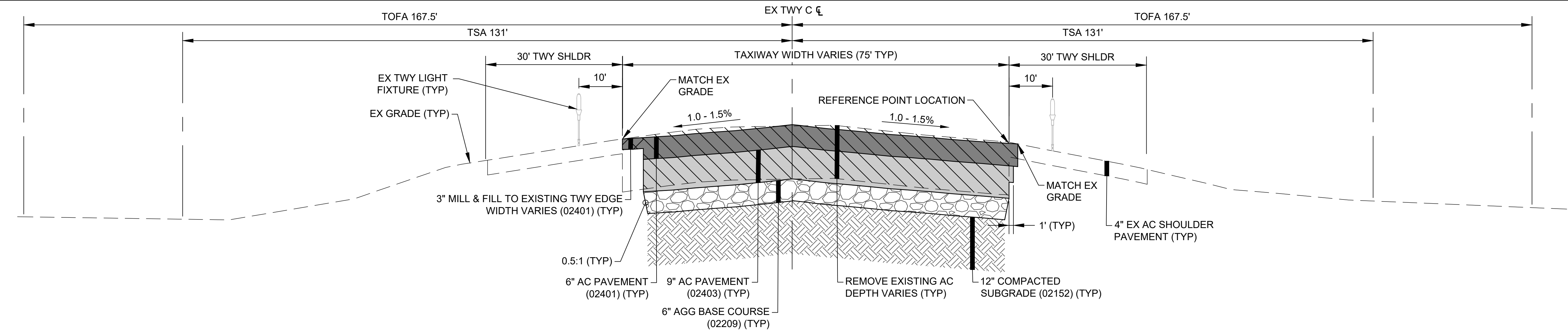
PAVING DETAILS 1

DATE :	DWG. NO.
01/2026	C-350
SHEET :	
104 OF 171 SHEETS	

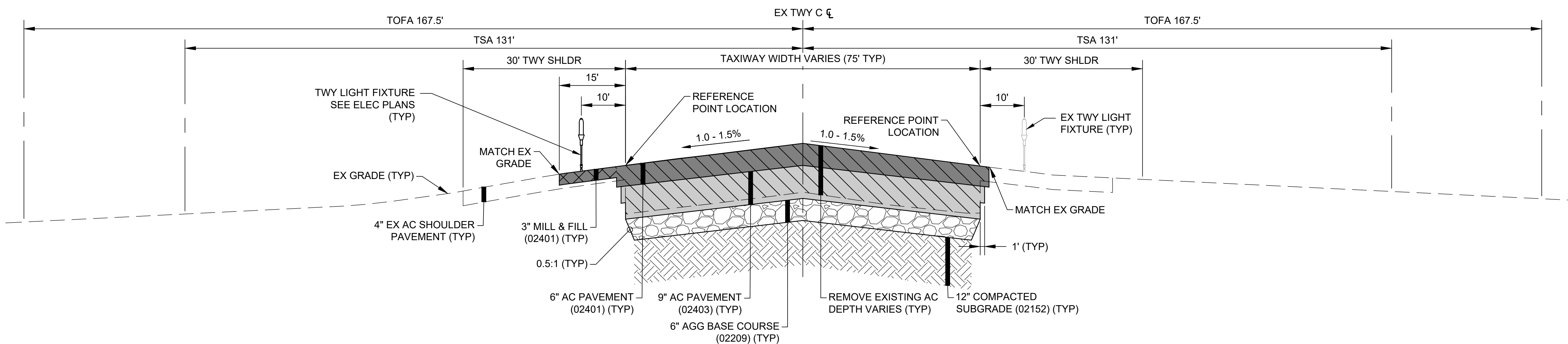


- 11 TYPICAL REINFORCED PCC PAVEMENT PANEL
C-308 C-351 SCALE: NTS

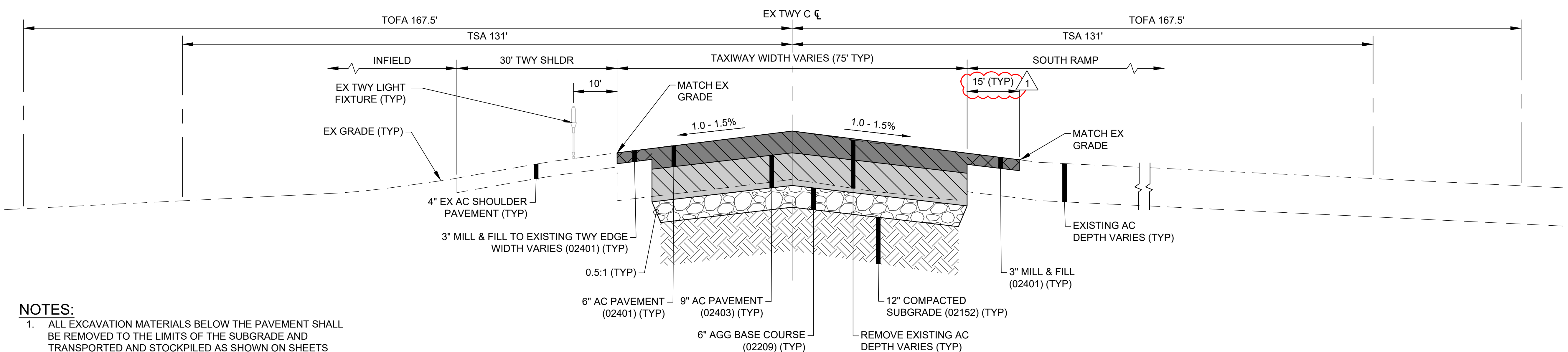




A TAXIWAY RECONSTRUCTION: TAXIWAY C BETWEEN RWY 4R-22L AND TAXIWAY RT
C-301 C-401 SCALE: NTS
1 APPROX STA 301+00 TO 309+00



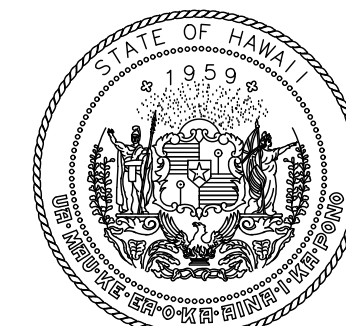
B TAXIWAY RECONSTRUCTION: TAXIWAY RT
C-301 C-401 SCALE: NTS
APPROX STA 202+00 TO 203+50



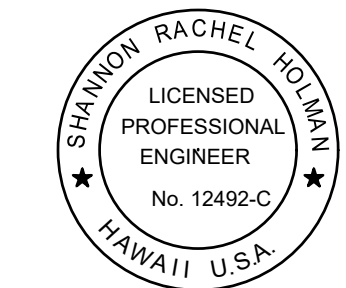
C TAXIWAY RECONSTRUCTION: TAXIWAY C BETWEEN TAXIWAY RT AND TAXIWAY D
C-301, C-302, C-303 C-401 SCALE: NTS
APPROX STA 309+00 TO 312+00
APPROX STA 319+00 TO 332+50

NOTES:

1. ALL EXCAVATION MATERIALS BELOW THE PAVEMENT SHALL BE REMOVED TO THE LIMITS OF THE SUBGRADE AND TRANSPORTED AND STOCKPILED AS SHOWN ON SHEETS G-019 AND G-020 AND AS FURTHER DESCRIBED IN THE SPECIFICATIONS.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Shannon Rachel Looman

04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	SG	TR	SH



03/30/26

ADDENDUM #2

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

**CONSTRUCTION
DOCUMENTS**

JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

PAVEMENT SECTIONS 1

DATE :

01/2026

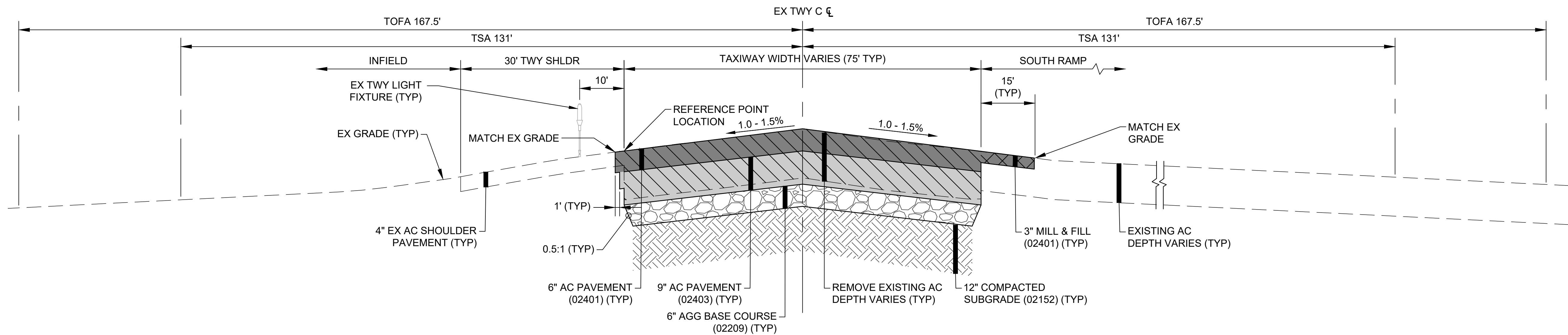
SHEET :

107 OF 171 SHEETS

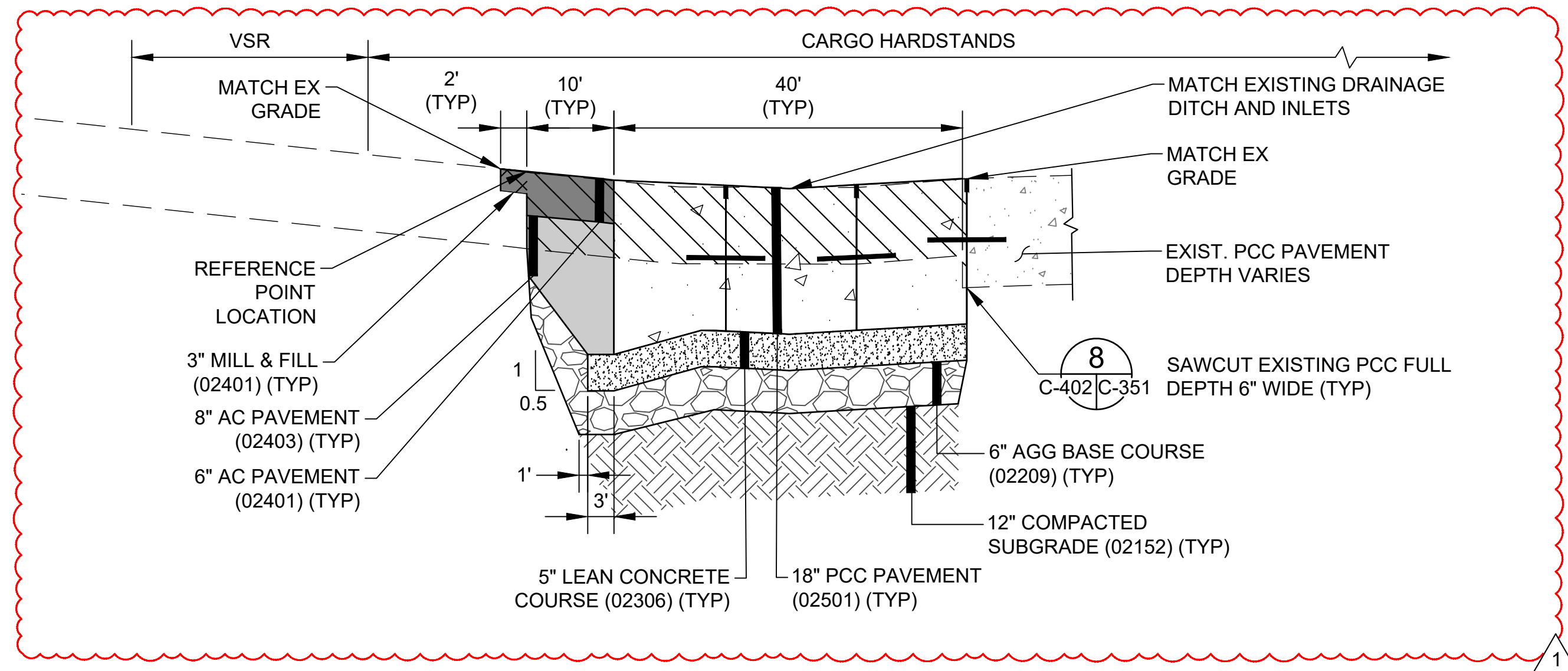
DWG. NO.

C-401

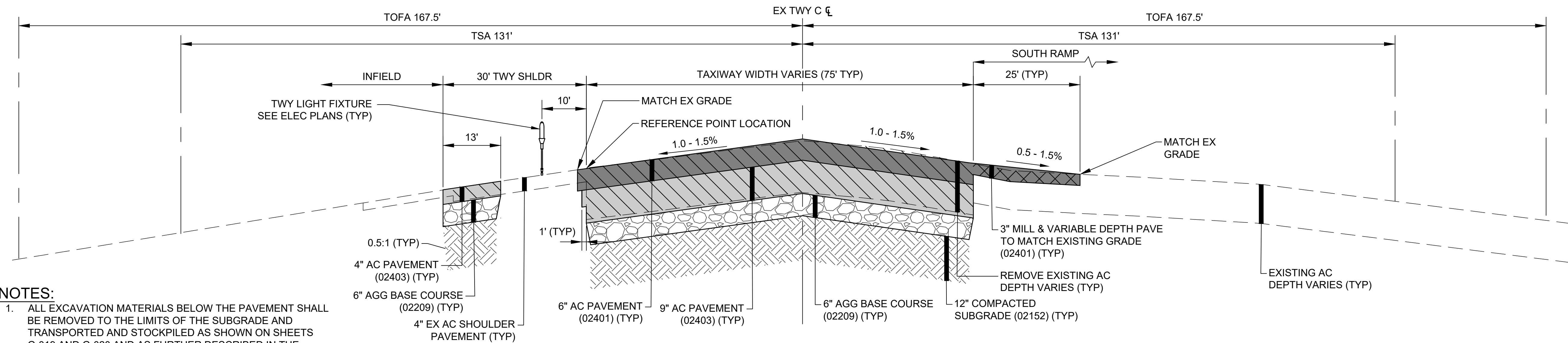
C:\USERS\K LVEHAR\ORON ENGINEERS & ASSOCIATES\HDDTA HNL TWY C.D.F. J - TWY C RECONSTRUCTION\03.ENG\02.DWG\SAO1021-30-CEA-HNL-PAVE-SECT.DWG



D TAXIWAY RECONSTRUCTION: TAXIWAY C BETWEEN TAXIWAY RT AND TAXIWAY D
C-301,C-302,C-303 C-402 SCALE: NTS
APPROX STA 312+00 TO 319+00
APPROX STA 332+50 TO 342+75

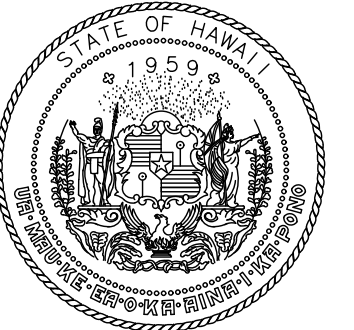


E PCC HARDSTAND EXTENSION: HARDSTANDS A - E
C-303,C-304,C-308 C-402 SCALE: NTS
APPROX STA 340+00 TO 352+00

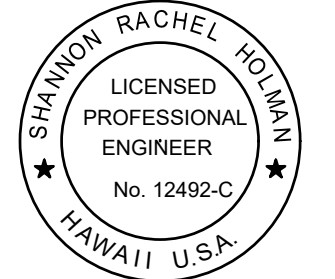


NOTES:
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F TAXIWAY RECONSTRUCTION: TAXIWAY C AND SHOULDER RECONSTRUCTION AT ALIGNMENT JOG
C-303, C-304 C-402 SCALE: NTS
APPROX STA 342+75 TO 347+00



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
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DD	SG	TR	SH

1	03/30/26	ADDENDUM #2
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

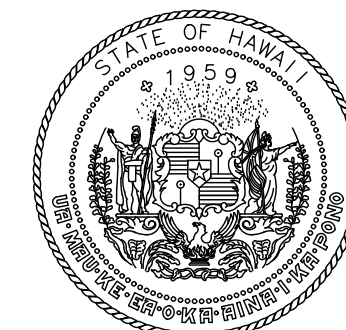
PROJECT NO.:

AO1021-30

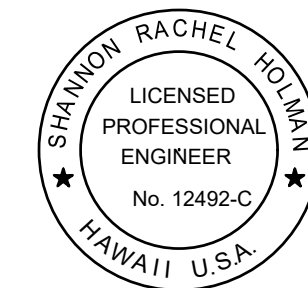
SHEET TITLE:

PAVEMENT SECTIONS 2

DATE :	DWG. NO.
01/2026	C-402
SHEET :	
108 OF 171 SHEETS	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Shannon Rachel Holman

04/30/2026
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DD	SG	TR	SH

1	03/30/26	ADDENDUM #2
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

PAVEMENT SECTIONS 4

DATE :

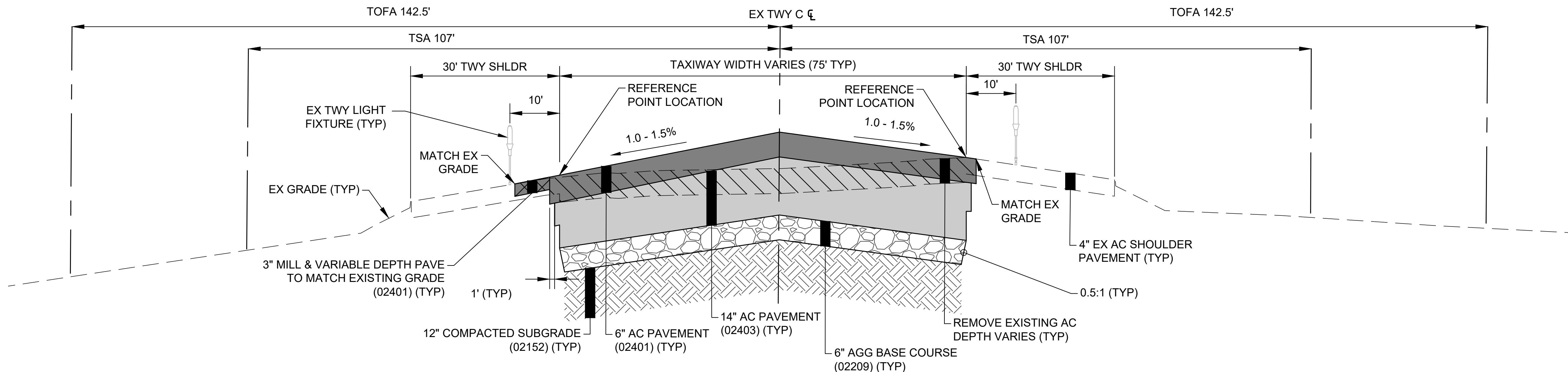
01/2026

SHEET :

110 OF 171 SHEETS

DWG. NO.

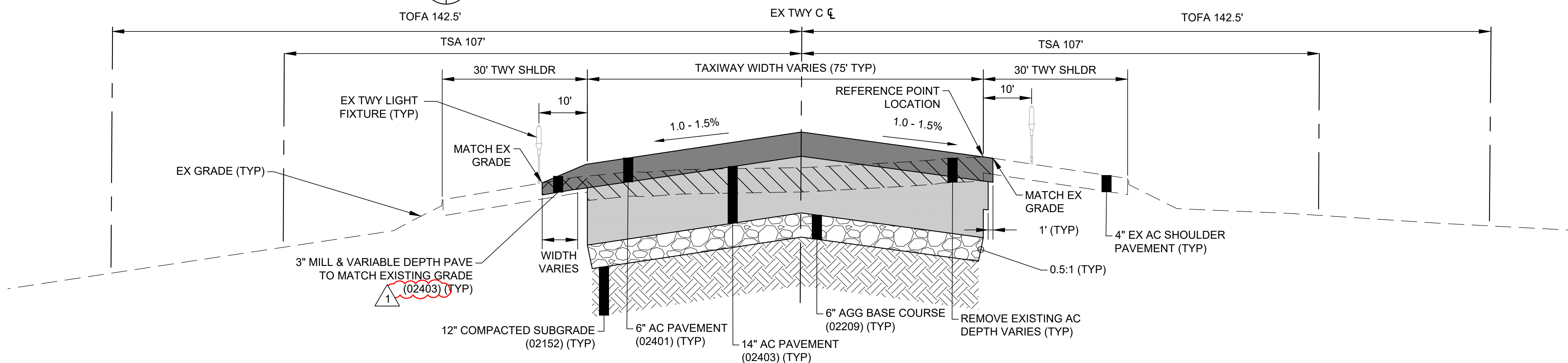
C-404



J TAXIWAY RECONSTRUCTION: TAXIWAY C BETWEEN RUNWAY 8L-26R AND RUNWAY 4L-22R

C-307 C-404 SCALE: NTS

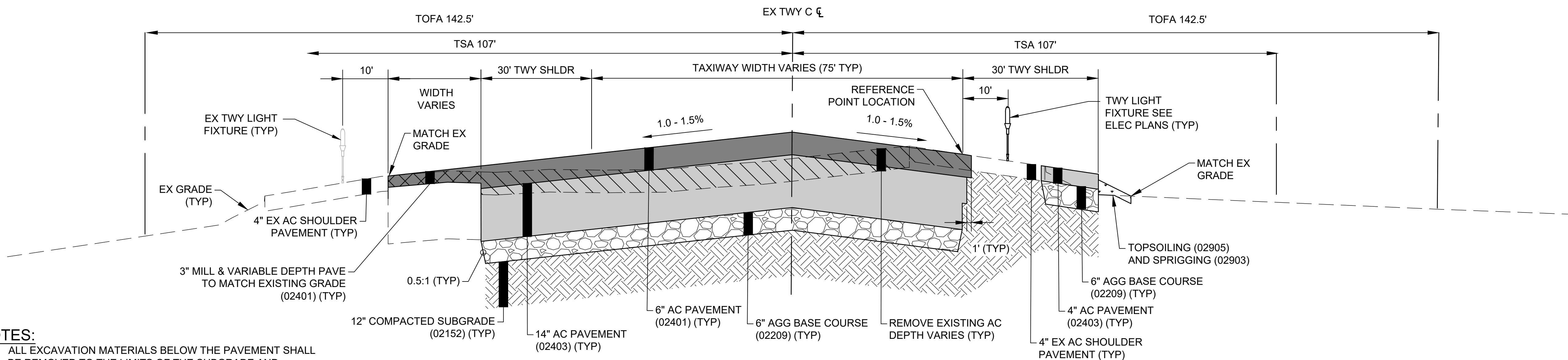
APPROX STA 384+50 TO 387+75



K TAXIWAY RECONSTRUCTION: TAXIWAY C BETWEEN RUNWAY 8L-26R AND RUNWAY 4L-22R

C-307 C-404 SCALE: NTS

APPROX STA 384+50 TO 393+00



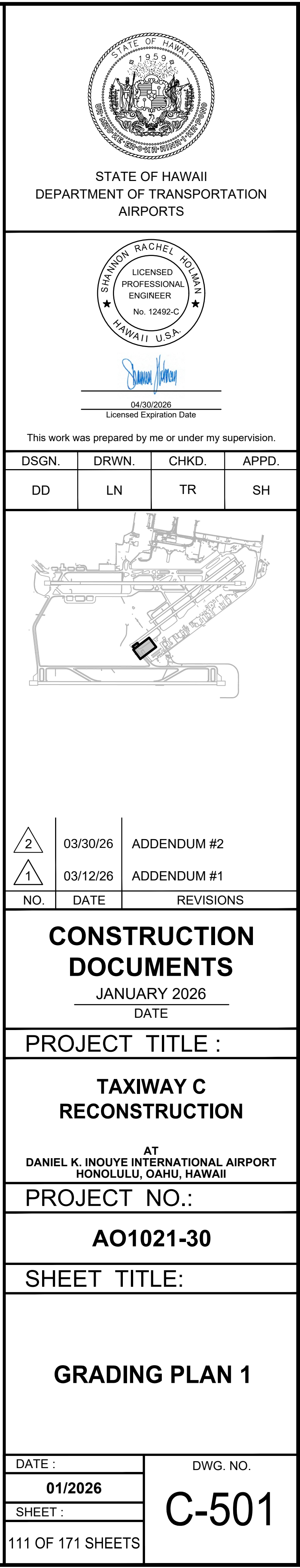
L TAXIWAY RECONSTRUCTION: TAXIWAY C WIDENING BETWEEN RUNWAY 8L-26R AND RUNWAY 4L-22R

C-307 C-404 SCALE: NTS

APPROX STA 393+00 TO 395+25

NOTES:

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50 0 50' 100'

SCALE: 1" = 50'

MATCHLINE, SEE DWG C-501

MATCHLINE, SEE DWG C-503

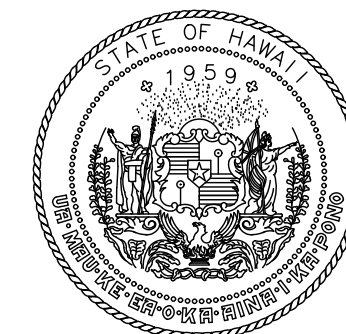
LEGEND:

- | | | | |
|----------|---------------------------------|---|--|
| — 6.00 — | EXISTING MAJOR CONTOUR | ☼ | EXISTING TAXIWAY LIGHT |
| — 6.00 — | PROPOSED MAJOR CONTOUR | ⊙ | EXISTING RUNWAY LIGHT |
| — 6.20 — | PROPOSED MINOR CONTOUR | ⬢ | EXISTING GUARD LIGHT |
| - - - | LIMITS OF GRADING | ⊠ | EXISTING ELECTRICAL HANDHOLE / MANHOLE |
| ⊙ | EXISTING FIRE HYDRANT | ⊞ | EXISTING AIRFIELD SIGN |
| ◇ | EXISTING AIRCRAFT TIE-DOWN | ⊞ | EXISTING DRAIN INLET |
| ⊞ | EXISTING WATER MANHOLE/VALVE | ⊞ | EXISTING DRAIN MANHOLE |
| ☼ | PROPOSED TAXIWAY LIGHT | ⊞ | EXISTING SEWER MANHOLE |
| ● | PROPOSED RETROREFLECTIVE MARKER | | |

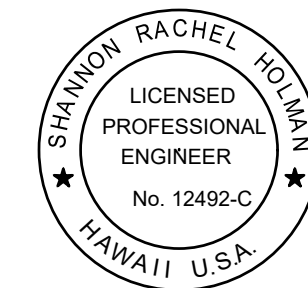
NOTES:

- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL STRUCTURES TO BE PROTECTED, ADJUSTED, REMOVED OR ABANDONED.
- REFER TO PAVING PLANS, DRAWING NUMBERS C-301 TO C-307 FOR GEOMETRIC LAYOUT.
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- ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE NPDES PERMIT AND THE HDOT-A CONSTRUCTION ACTIVITIES BMP FIELD MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY TRANSITION RAMPS BETWEEN CONSTRUCTION PHASES IN ACCORDANCE WITH PAVING DETAIL 14 ON SHEET C-352.

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

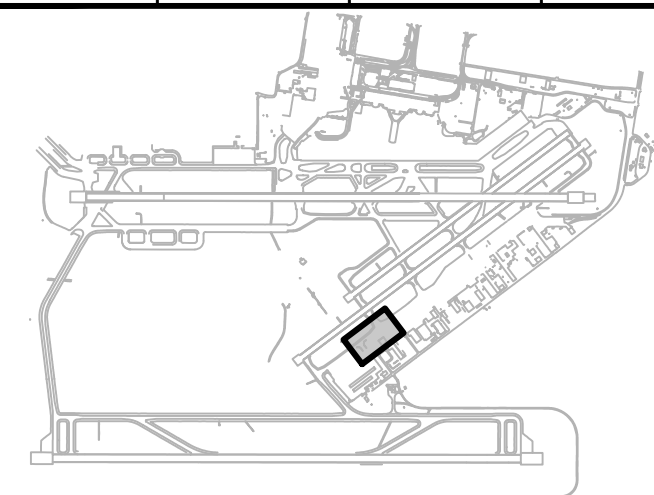


SHANNON RACHEL LIO MAN
LICENSED PROFESSIONAL ENGINEER
No. 12492-C
HAWAII, USA

04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	LN	TR	SH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

GRADING PLAN 2

DATE :

01/2026

SHEET :

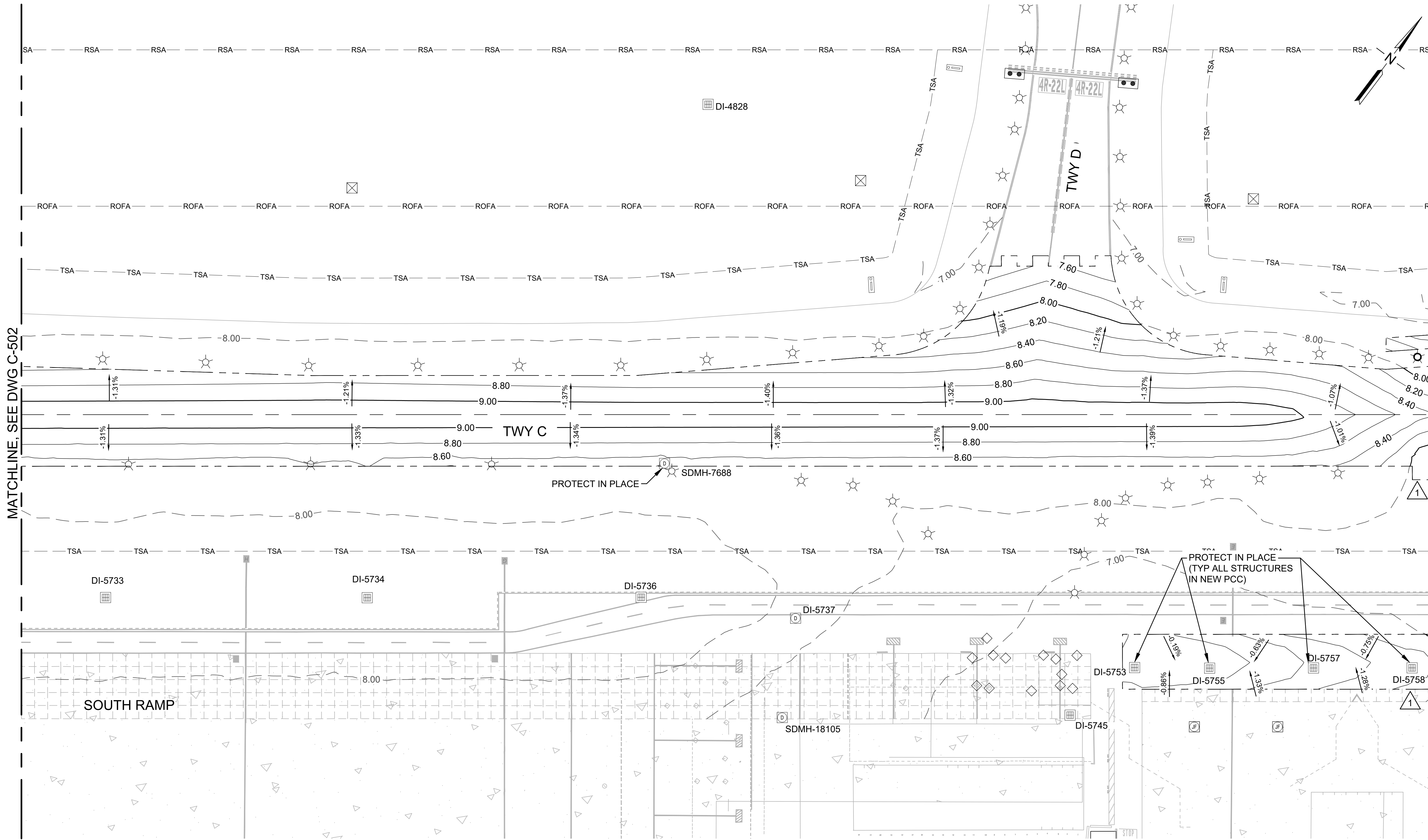
112 OF 171 SHEETS

DWG. NO.

C-502

MATCHLINE, SEE DWG C-502

MATCHLINE, SEE DWG C-504

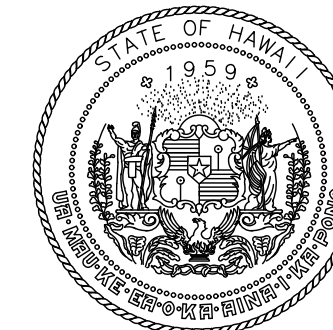


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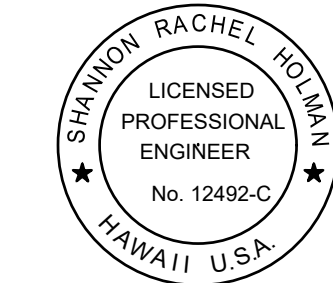
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|----------|---------------------------------|---|--|
| — 6.00 — | EXISTING MAJOR CONTOUR | ☼ | EXISTING TAXIWAY LIGHT |
| — 6.00 — | PROPOSED MAJOR CONTOUR | ⊙ | EXISTING RUNWAY LIGHT |
| — 6.20 — | PROPOSED MINOR CONTOUR | ⬢ | EXISTING GUARD LIGHT |
| - - - | LIMITS OF GRADING | ⊠ | EXISTING ELECTRICAL HANDHOLE / MANHOLE |
| ⊙ | EXISTING FIRE HYDRANT | ⊠ | EXISTING AIRFIELD SIGN |
| ◇ | EXISTING AIRCRAFT TIE-DOWN | ⊠ | EXISTING DRAIN INLET |
| ⊠ | EXISTING WATER MANHOLE/VALVE | ⊠ | EXISTING DRAIN MANHOLE |
| ☼ | PROPOSED TAXIWAY LIGHT | ⊠ | EXISTING SEWER MANHOLE |
| ● | PROPOSED RETROREFLECTIVE MARKER | | |

NOTES:

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- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY TRANSITION RAMPS BETWEEN CONSTRUCTION PHASES IN ACCORDANCE WITH PAVING DETAIL 14 ON SHEET C-352.



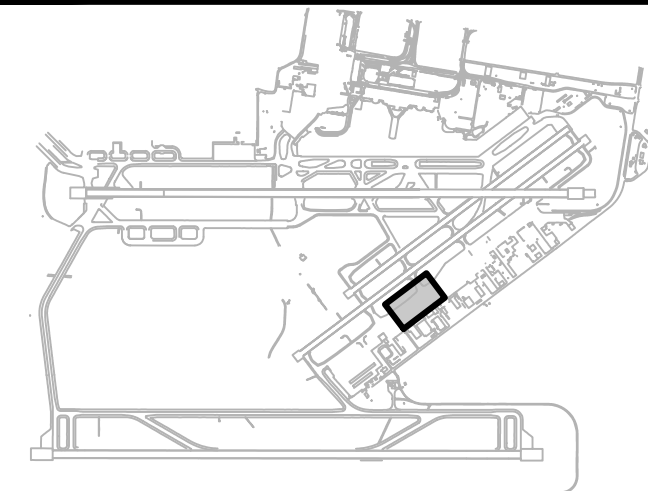
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

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DD	LN	TR	SH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

GRADING PLAN 3

DATE :

01/2026

SHEET :

113 OF 171 SHEETS

DWG. NO.

C-503

NOTES:

1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL STRUCTURES TO BE PROTECTED, ADJUSTED, REMOVED OR ABANDONED.
2. REFER TO PAVING PLANS, DRAWING NUMBERS C-301 TO C-307 FOR GEOMETRIC LAYOUT.
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5. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY TRANSITION RAMPS BETWEEN CONSTRUCTION PHASES IN ACCORDANCE WITH PAVING DETAIL 14 ON SHEET C-352.

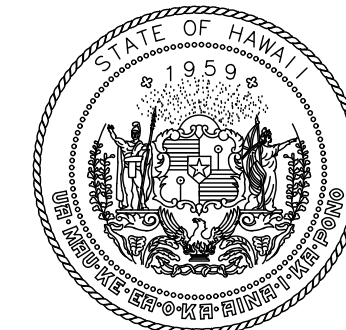
MATCHLINE, SEE DWG C-503

MATCHLINE, SEE DWG C-505

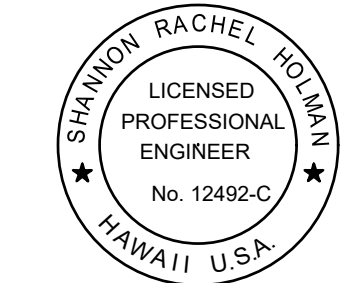
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|----------|---------------------------------|---|--|
| — 6.00 — | EXISTING MAJOR CONTOUR | ☼ | EXISTING TAXIWAY LIGHT |
| — 6.00 — | PROPOSED MAJOR CONTOUR | ⊙ | EXISTING RUNWAY LIGHT |
| — 6.20 — | PROPOSED MINOR CONTOUR | ⬢ | EXISTING GUARD LIGHT |
| - - - | LIMITS OF GRADING | ⊠ | EXISTING ELECTRICAL HANDHOLE / MANHOLE |
| ⊙ | EXISTING FIRE HYDRANT | ⊞ | EXISTING AIRFIELD SIGN |
| ◇ | EXISTING AIRCRAFT TIE-DOWN | ⊞ | EXISTING DRAIN INLET |
| ⊞ | EXISTING WATER MANHOLE/VALVE | ⊞ | EXISTING DRAIN MANHOLE |
| ☼ | PROPOSED TAXIWAY LIGHT | ⊞ | EXISTING SEWER MANHOLE |
| ● | PROPOSED RETROREFLECTIVE MARKER | | |

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



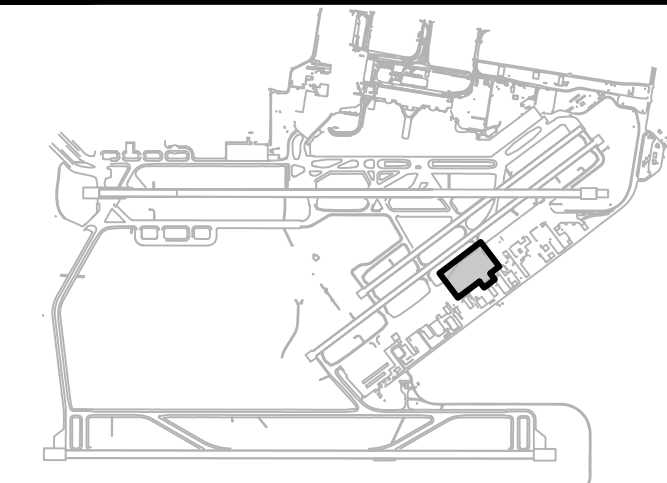
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



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DD	LN	TR	SH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

GRADING PLAN 4

DATE :

01/2026

SHEET :

114 OF 171 SHEETS

DWG. NO.

C-504

MATCHLINE, SEE DWG C-504

MATCHLINE, SEE DWG C-505

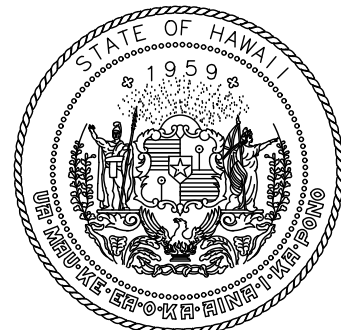
LEGEND:

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|----------|---------------------------------|---|--|
| — 6.00 — | EXISTING MAJOR CONTOUR | ☼ | EXISTING TAXIWAY LIGHT |
| — 6.00 — | PROPOSED MAJOR CONTOUR | ⊙ | EXISTING RUNWAY LIGHT |
| — 6.20 — | PROPOSED MINOR CONTOUR | ⬢ | EXISTING GUARD LIGHT |
| - - - | LIMITS OF GRADING | ⊠ | EXISTING ELECTRICAL HANDHOLE / MANHOLE |
| ⊙ | EXISTING FIRE HYDRANT | ⬢ | EXISTING AIRFIELD SIGN |
| ◇ | EXISTING AIRCRAFT TIE-DOWN | ⬢ | EXISTING DRAIN INLET |
| ⊞ | EXISTING WATER MANHOLE/VALVE | ⬢ | EXISTING DRAIN MANHOLE |
| ☼ | PROPOSED TAXIWAY LIGHT | ⬢ | EXISTING SEWER MANHOLE |
| ● | PROPOSED RETROREFLECTIVE MARKER | | |

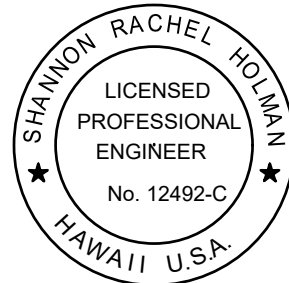
NOTES:

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

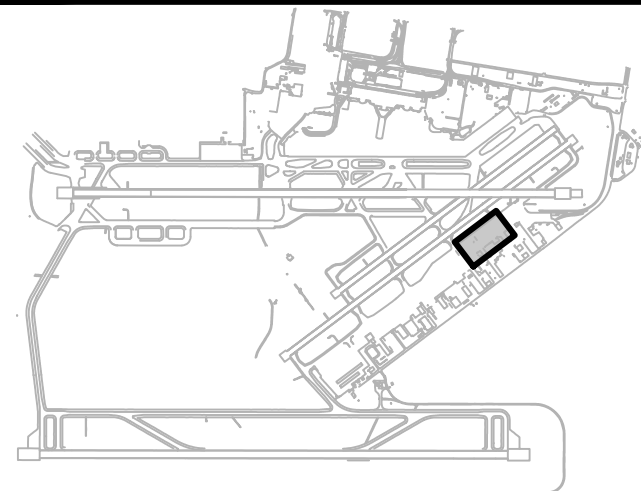


Shannon Rachel Looman

04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	LN	TR	SH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

GRADING PLAN 5

DATE :

01/2026

SHEET :

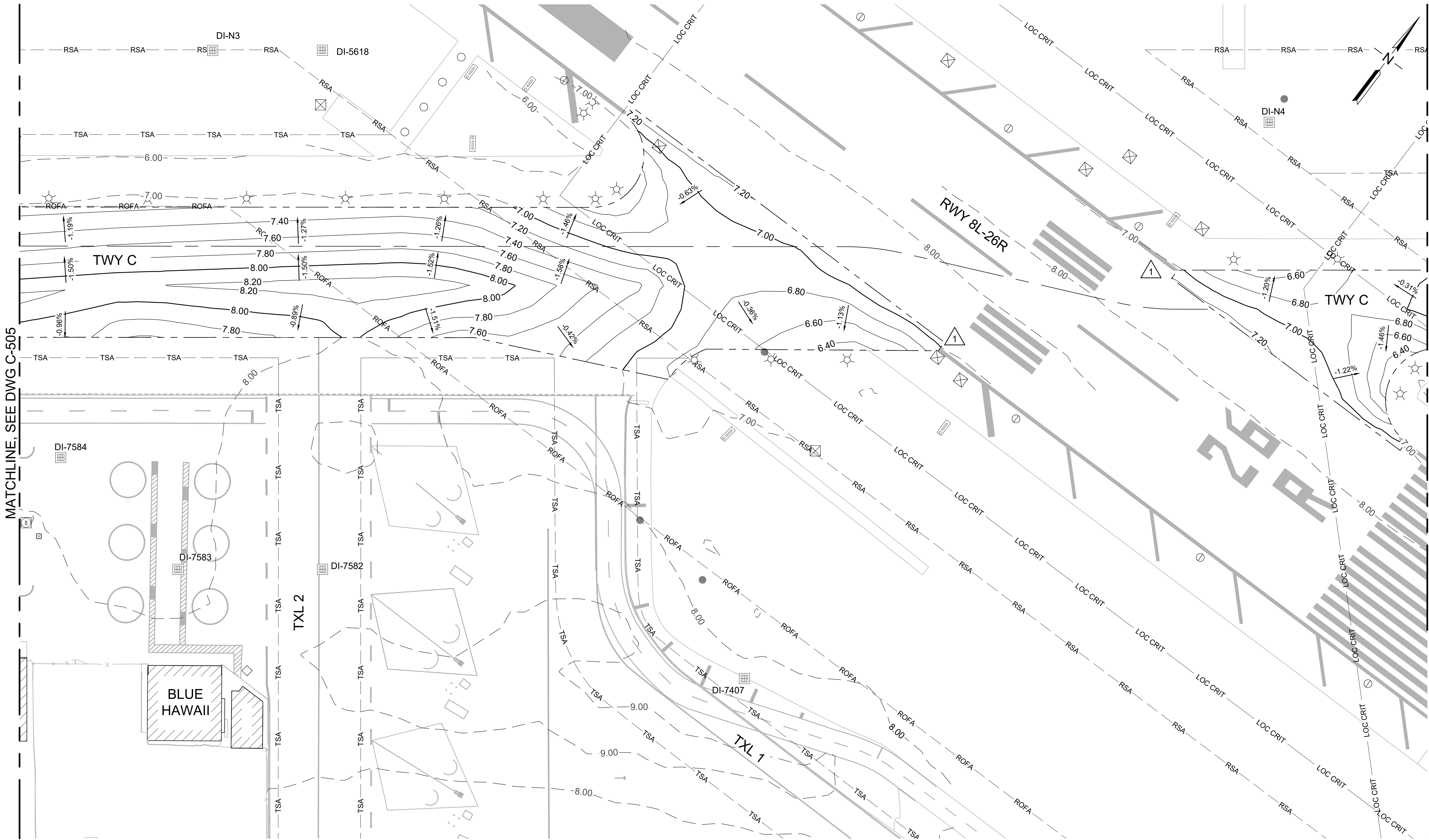
115 OF 171 SHEETS

DWG. NO.

C-505

C:\USERS\K LYE\HARDWARE\ENGINEERS & ASSOCIATES\HSDOTA HNL TWY C.D.F. J - TWY C RECONSTRUCTION\03. ENG\02. DWGS\AO1021-30-CEA-HNL-GRDG.DWG

MATCHLINE, SEE DWG C-505



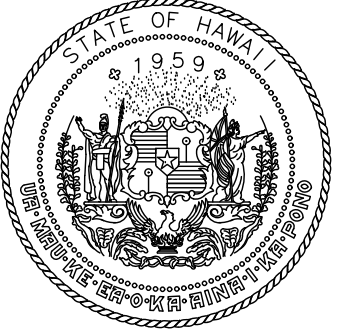
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|----------|---------------------------------|---|--|
| — 6.00 — | EXISTING MAJOR CONTOUR | ☼ | EXISTING TAXIWAY LIGHT |
| — 6.00 — | PROPOSED MAJOR CONTOUR | ⊙ | EXISTING RUNWAY LIGHT |
| — 6.20 — | PROPOSED MINOR CONTOUR | ⬢ | EXISTING GUARD LIGHT |
| - - - | LIMITS OF GRADING | ⊠ | EXISTING ELECTRICAL HANDHOLE / MANHOLE |
| ⊙ | EXISTING FIRE HYDRANT | ⬢ | EXISTING AIRFIELD SIGN |
| ◇ | EXISTING AIRCRAFT TIE-DOWN | ⬢ | EXISTING DRAIN INLET |
| ⊞ | EXISTING WATER MANHOLE/VALVE | ⬢ | EXISTING DRAIN MANHOLE |
| ⊙ | PROPOSED TAXIWAY LIGHT | ⬢ | EXISTING SEWER MANHOLE |
| ● | PROPOSED RETROREFLECTIVE MARKER | | |

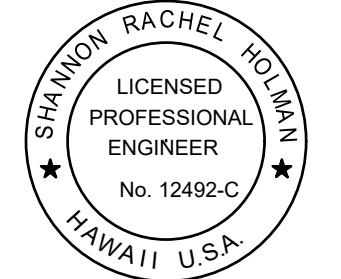
NOTES:

- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL STRUCTURES TO BE PROTECTED, ADJUSTED, REMOVED OR ABANDONED.
- REFER TO PAVING PLANS, DRAWING NUMBERS C-301 TO C-307 FOR GEOMETRIC LAYOUT.
- ALL GRADING WORK SHALL CONFORM TO THE REQUIREMENTS OF THE COUNTY GRADING PERMIT AND HAWAII COUNTY CODE, CHAPTER 10.
- ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE NPDES PERMIT AND THE HDOT-A CONSTRUCTION ACTIVITIES BMP FIELD MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY TRANSITION RAMPS BETWEEN CONSTRUCTION PHASES IN ACCORDANCE WITH PAVING DETAIL 14 ON SHEET C-352.

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



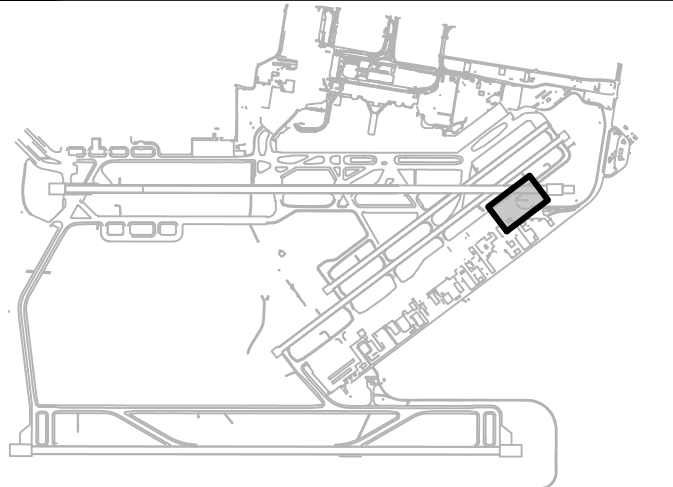
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	LN	TR	SH



NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

A01021-30

SHEET TITLE:

GRADING PLAN 6

DATE :

01/2026

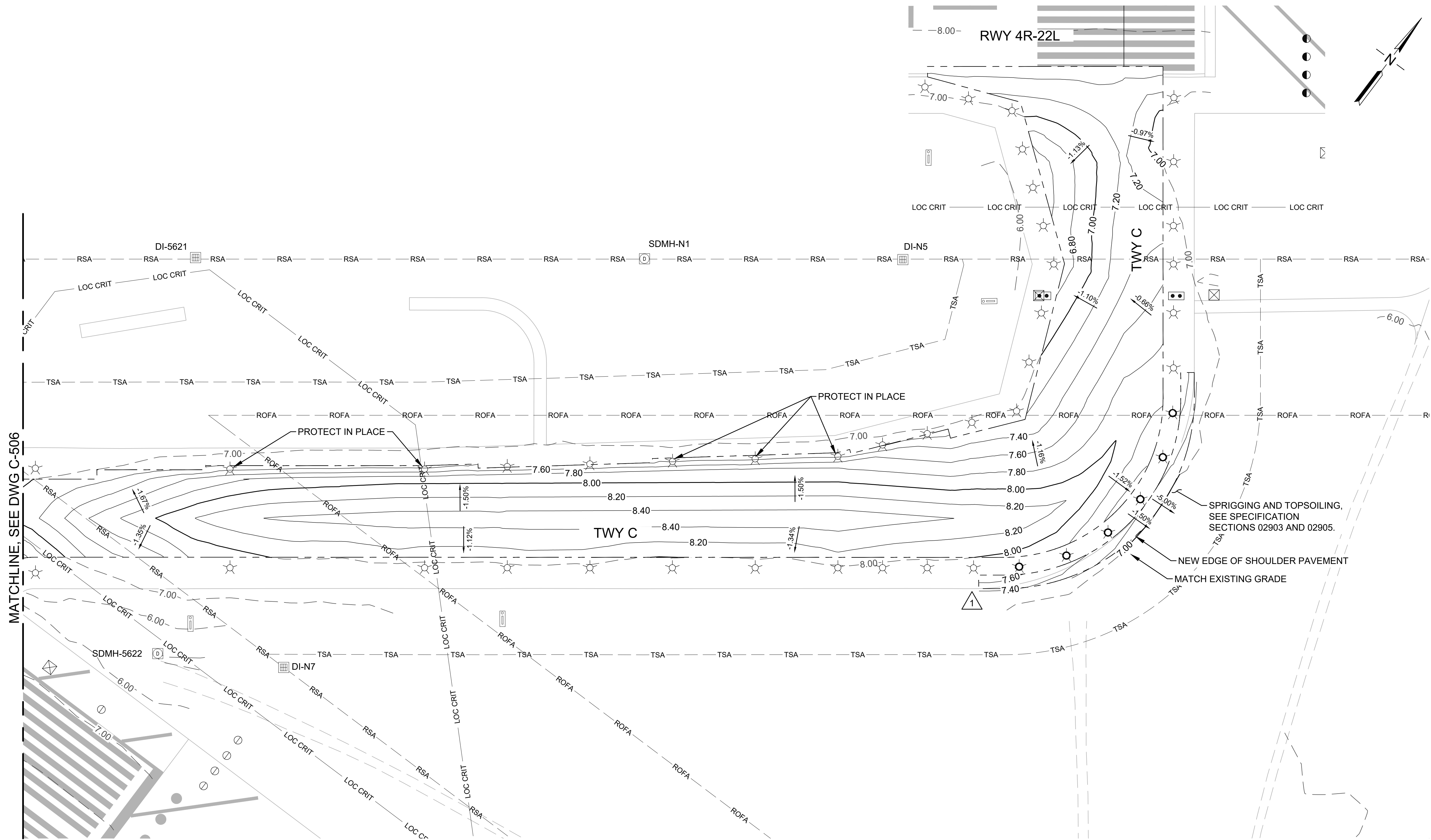
SHEET :

116 OF 171 SHEETS

DWG. NO.

C-506

C:\USERS\K LYE\HARAORON ENGINEERS & ASSOCIATES\HDOTA HNL TWY C.D.F. J - TWY C RECONSTRUCTION\03.ENG\02. DWGS\A01021-30-CEA-HNL-GRDG.DWG



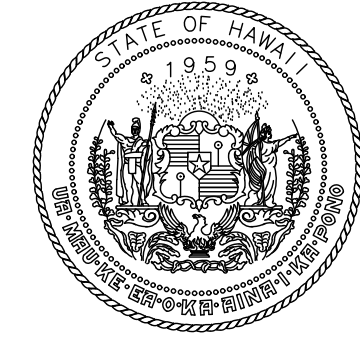
MATCHLINE, SEE DWG C-506

LEGEND:

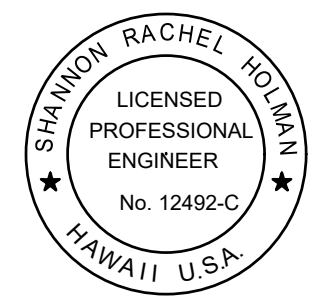
- | | | | |
|----------|---------------------------------|---|--|
| — 6.00 — | EXISTING MAJOR CONTOUR | ☼ | EXISTING TAXIWAY LIGHT |
| — 6.00 — | PROPOSED MAJOR CONTOUR | ⊙ | EXISTING RUNWAY LIGHT |
| — 6.20 — | PROPOSED MINOR CONTOUR | ⬢ | EXISTING GUARD LIGHT |
| - - - | LIMITS OF GRADING | ⊠ | EXISTING ELECTRICAL HANDHOLE / MANHOLE |
| ⊙ | EXISTING FIRE HYDRANT | ⊠ | EXISTING AIRFIELD SIGN |
| ◇ | EXISTING AIRCRAFT TIE-DOWN | ⊠ | EXISTING DRAIN INLET |
| ⊠ | EXISTING WATER MANHOLE/VALVE | ⊠ | EXISTING DRAIN MANHOLE |
| ☼ | PROPOSED TAXIWAY LIGHT | ⊠ | EXISTING SEWER MANHOLE |
| ● | PROPOSED RETROREFLECTIVE MARKER | | |

NOTES:

- REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL STRUCTURES TO BE PROTECTED, ADJUSTED, REMOVED OR ABANDONED.
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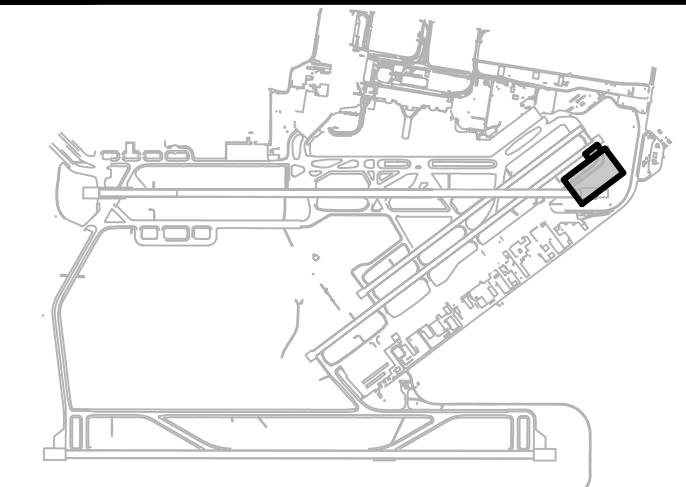
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
DD	LN	TR	SH



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TAXIWAY C
RECONSTRUCTION

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

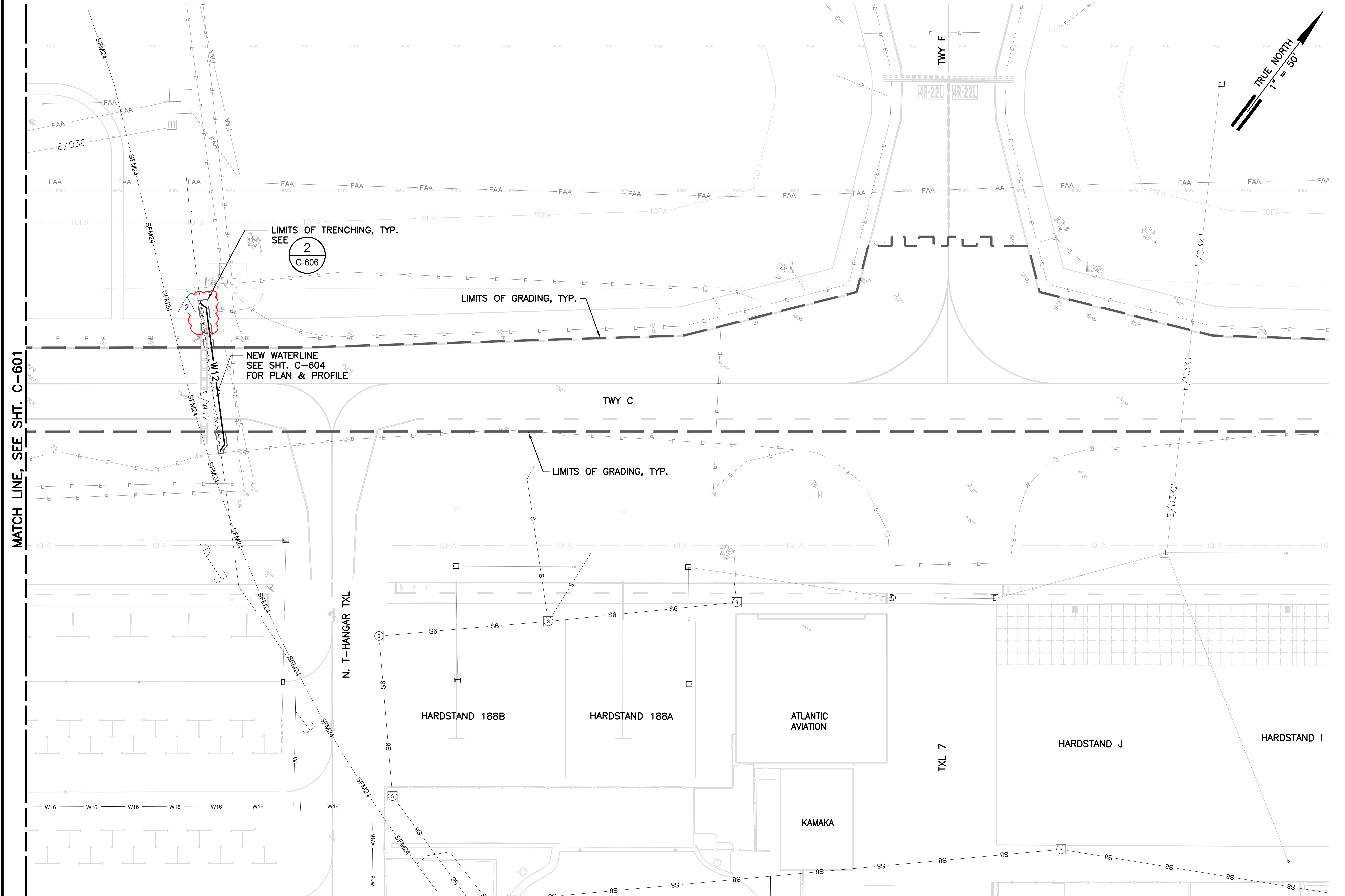
PROJECT NO.:

AO1021-30

SHEET TITLE:

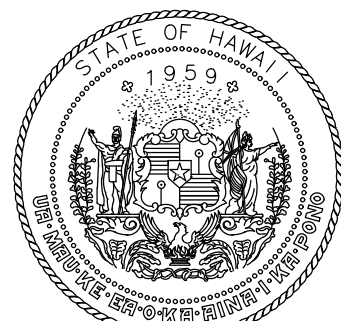
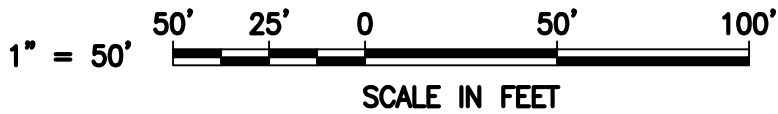
GRADING PLAN 7

DATE :	DWG. NO.
01/2026	C-507
SHEET :	
117 OF 171 SHEETS	

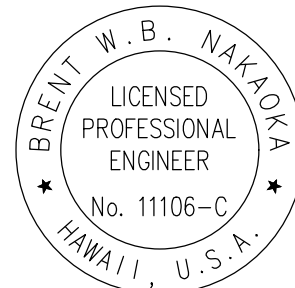


ENLARGED DRAINAGE PLAN 2
SCALE: 1" = 50'

NOTE:
EXCAVATIONS SHALL BE CLEARLY IDENTIFIED AND COVERED AT THE END OF SHIFT(S) IN ACCORDANCE WITH OSHA 29 CFR 1926.502(l) COVER.



STATE OF HAWAII
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AIRPORTS

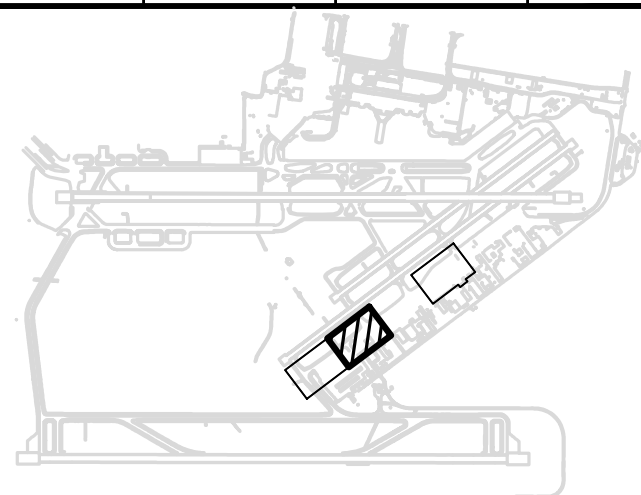


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115, SUBCHAPTER 1 DEFINITIONS OF THE HAWAII ADMINISTRATIVE RULES, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPE ARCHITECTS.)

Brent Nakaya
Signature
04/30/2026
Lic. Exp. Date

NOTE: CONTRACTOR TO CHECK & VERIFY DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DSGN.	DRWN.	CHKD.	APPD.
GKT	AY	BWN	BWN



NO.	DATE	REVISIONS
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DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

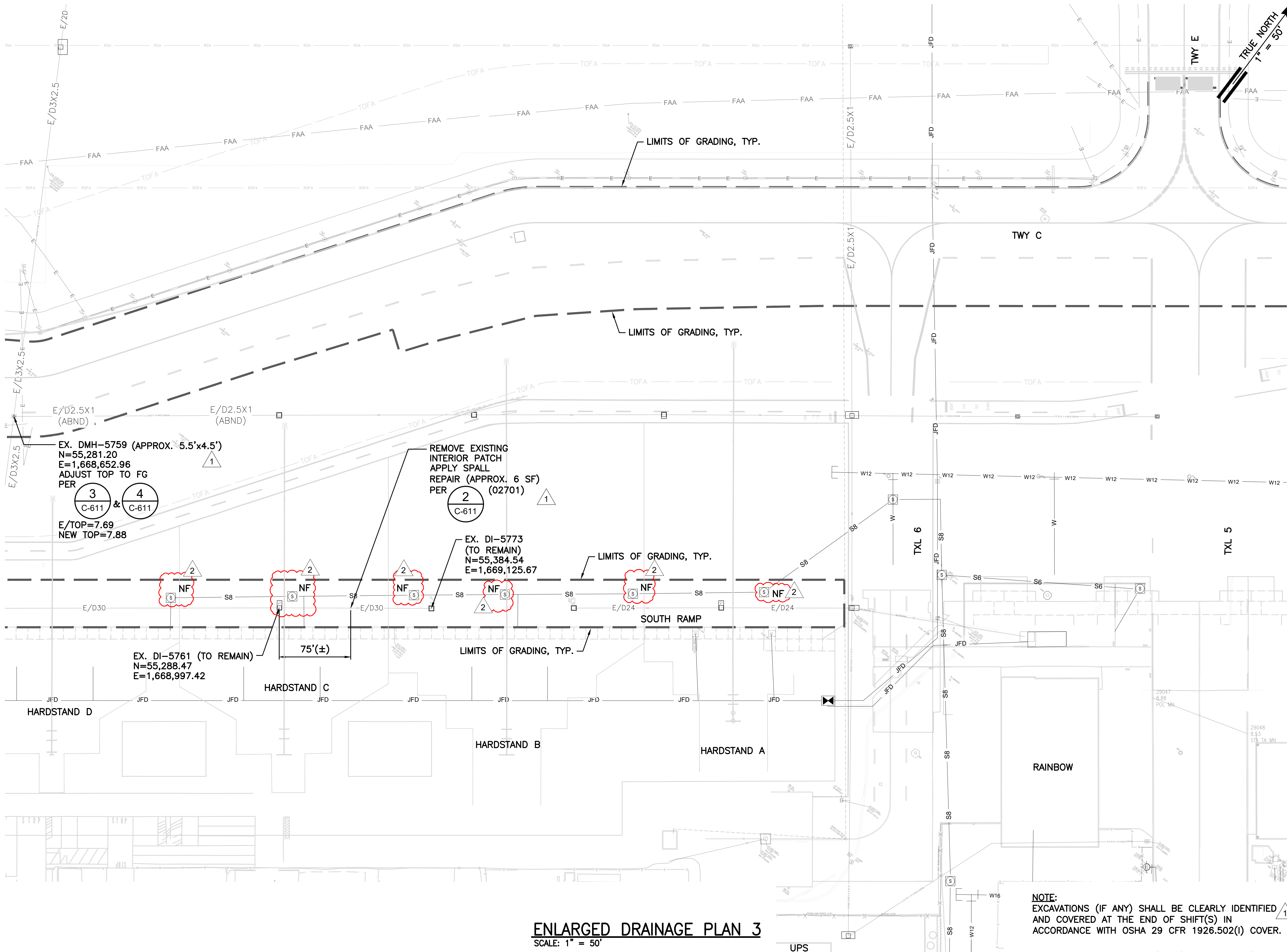
PROJECT NO.:

AO1021-30

SHEET TITLE:

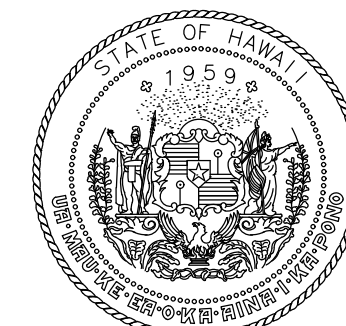
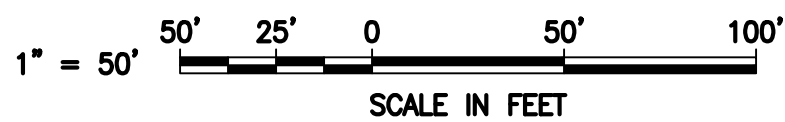
**ENLARGED DRAINAGE
PLAN 2**

DATE :	DWG. NO.
01/2026	C-602
SHEET :	
120 OF 171 SHEETS	

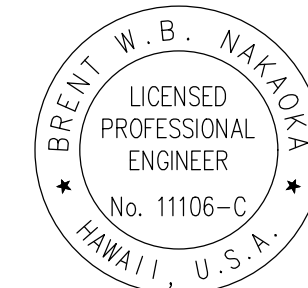


ENLARGED DRAINAGE PLAN 3
SCALE: 1" = 50'

NOTE:
EXCAVATIONS (IF ANY) SHALL BE CLEARLY IDENTIFIED
AND COVERED AT THE END OF SHIFT(S) IN
ACCORDANCE WITH OSHA 29 CFR 1926.502(I) COVER.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



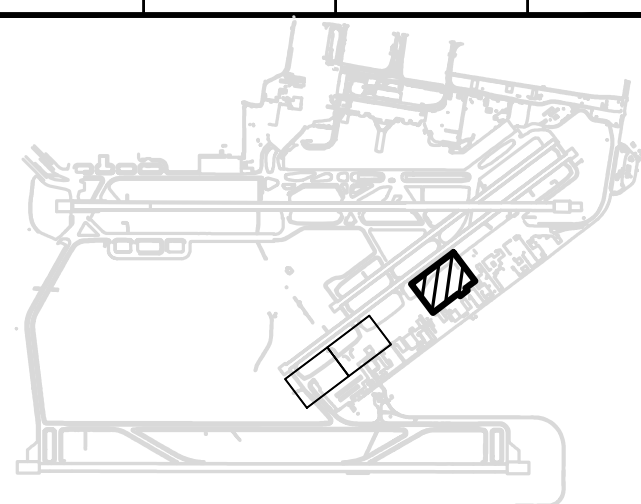
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY
OBSERVATION. (OBSERVATION OF CONSTRUCTION AS DEFINED
IN CHAPTER 16-115, SUBCHAPTER 1 DEFINITIONS OF THE HAWAII
ADMINISTRATIVE RULES, PROFESSIONAL ENGINEERS,
ARCHITECTS, SURVEYORS, AND LANDSCAPE ARCHITECTS.)

Brent Nakaya
Signature

04/30/2026
Lic. Exp. Date

NOTE: CONTRACTOR TO CHECK & VERIFY DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DSGN.	DRWN.	CHKD.	APPD.
GKT	AY	BWN	BWN



NO.	DATE	REVISIONS
2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

CONSTRUCTION
DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

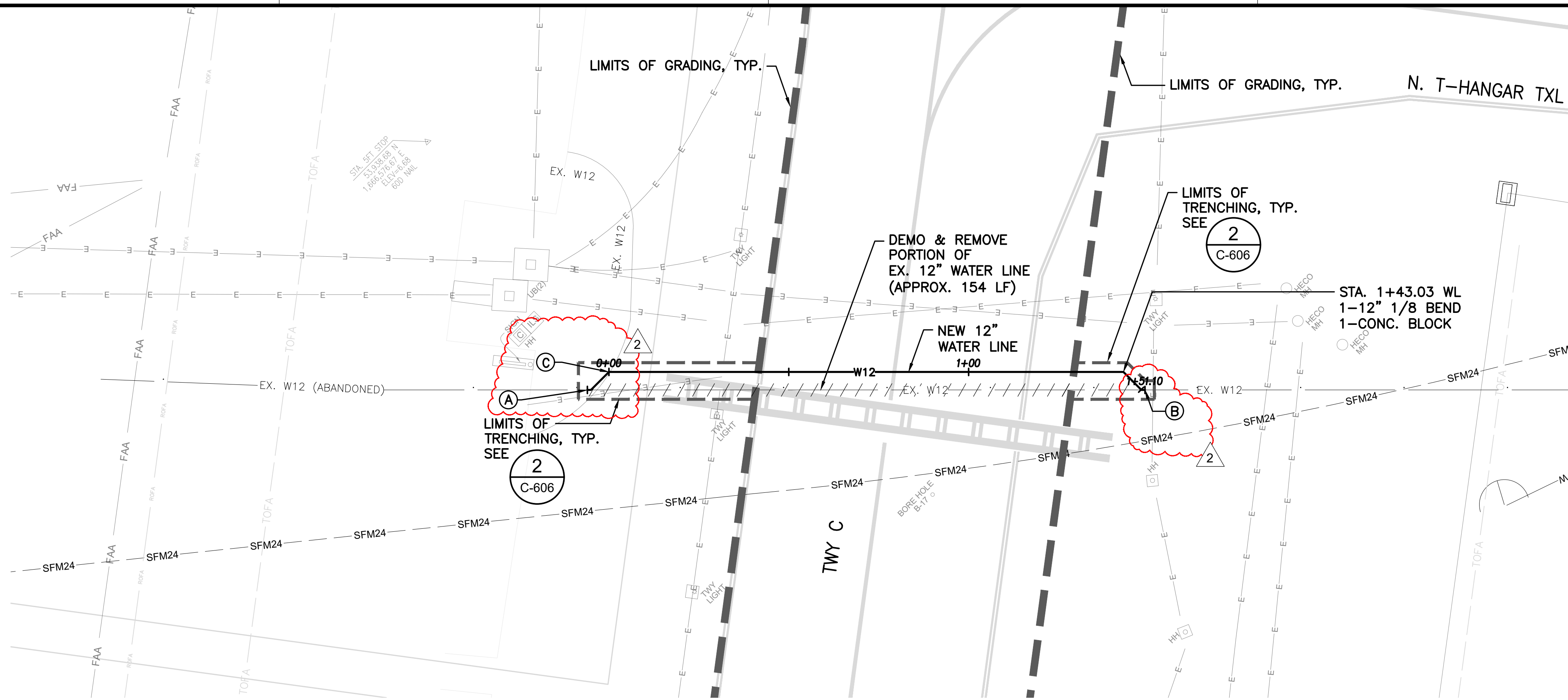
PROJECT NO.:

AO1021-30

SHEET TITLE:

ENLARGED DRAINAGE
PLAN 3

DATE :	DWG. NO.
01/2026	C-603
SHEET :	121 OF 171 SHEETS

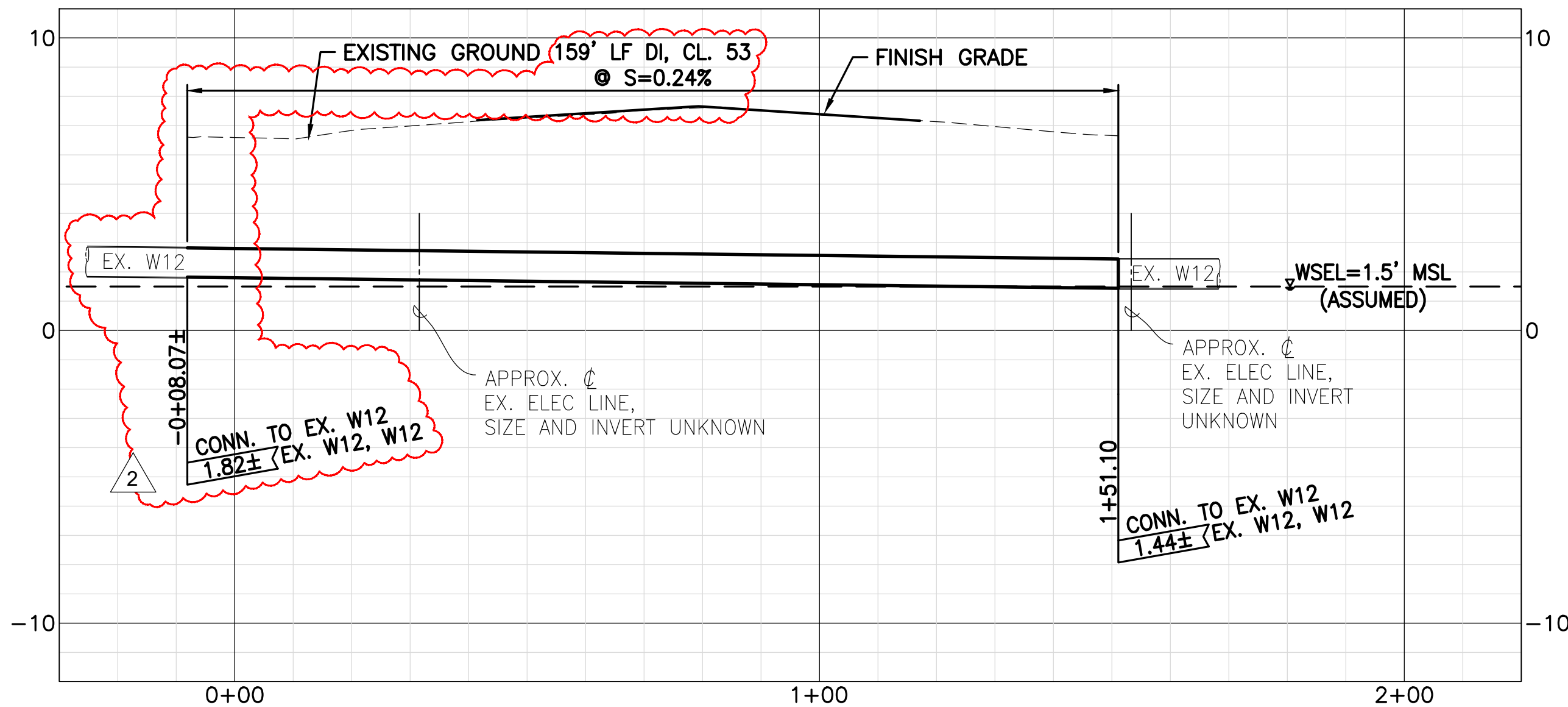


PLAN: WATERLINE
SCALE: 1" = 20'

- A** STA. (-)0+08.07 WL
CONN. TO EX. 12" WATERLINE
N=53,858.53
E=1,666,558.88
INV.=1.77±(E/W12)
MATERIALS FOR CONNECTION:
8± LF 12" DI, CL. 53
1-12" SLEEVE, 12" LONG
1-12" 1/8 BEND
1-CONC. BLOCK
TEMP. FOR TESTING:
1-12" CAP, TAPPED FOR 4" I.P.T.
1-4" C.O.
1-CONC. BLOCK
CONTRACTOR TO VERIFY LOCATION
AND INVERT IN THE FIELD
- B** STA. 1+51.10 WL
CONN. TO EX. 12" WATERLINE
N=53,748.56
E=1,666,667.71
INV.=1.44±(E/W12)
MATERIALS FOR CONNECTION:
8± LF 12" DI, CL. 53
1-12" SLEEVE, 12" LONG
1-12" 1/8 BEND
1-CONC. BLOCK
TEMP. FOR TESTING:
1-12" CAP, TAPPED FOR 4" I.P.T.
1-4" C.O.
1-CONC. BLOCK
CONTRACTOR TO VERIFY LOCATION
AND INVERT IN THE FIELD
- C** STA. 0+00 WL
1-12" 1/8 BEND
1-CONC. BLOCK

WATER NOTES

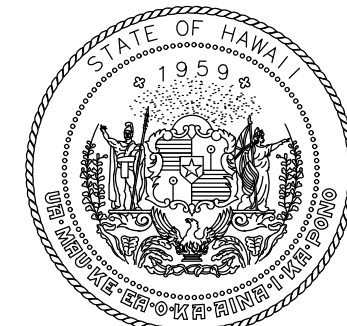
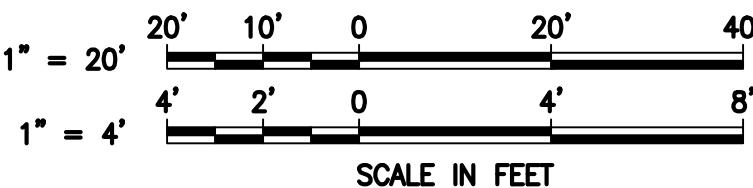
- UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND CONSTRUCTION OF WATER SYSTEM FACILITIES AND APPURTENANCES SHALL BE IN ACCORDANCE WITH THE CITY AND COUNTY OF HONOLULU BOARD OF WATER SUPPLY'S "WATER SYSTEM STANDARDS", DATED 2002, THE "WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS", VOLUME 3, DATED 2021, AND ALL SUBSEQUENT AMENDMENTS AND ADDITIONS.
- SOIL RESISTIVITY, FOR THE SITE HAS A CORROSION CATEGORY OF "A". ALL REQUIRED ELECTRICAL ISOLATION PROCEDURES AND CORROSION CONTROL REQUIREMENTS SHALL APPLY.
- THE CONTRACTOR SHALL TEST AND CHLORINATE PER THE WATER SYSTEM STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL WATER LINES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE ESPECIALLY CAREFUL WHEN EXCAVATING BEHIND WATER LINES, TEES, AND BENDS WHEREVER THERE IS A POSSIBILITY OF WATER LINE MOVEMENT DUE TO THE REMOVAL OF THE SUPPORTING EARTH BEYOND THE EXISTING REACTION BLOCKS. THE CONTRACTOR SHALL TAKE WHATEVER MEASURES NECESSARY TO PROTECT THE WATER LINES, SUCH AS CONSTRUCTING SPECIAL REACTION BLOCKS AND/OR MODIFYING HIS CONSTRUCTION METHOD.
- PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE CONSULTING ENGINEER, THE MANUFACTURER'S CERTIFICATION THAT ALL DUCTILE FITTINGS FOR THE PROJECT CONFORM IN ALL RESPECTS TO THE WATER SYSTEM STANDARDS, DATED 2002.
- POLYGON SHAPE FOR MECHANICAL JOINT GLANDS AS DESCRIBED IN AWWA STANDARD C111 SHALL BE "STRAIGHT-SIDED" OR AN APPROVED EQUAL ON A JOB-TO-JOB BASIS.
- PIPE CUSHION SHALL BE OF HIGH RESISTIVITY MATERIAL. THE CONTRACTOR SHALL SUBMIT A SOIL CERTIFICATION THAT HIGH RESISTANT CUSHION MATERIAL HAS A RESISTIVITY GREATER THAN 5,000 OHM-CM. REMAINDER OF THE BACKFILL MATERIAL SHALL BE AS SPECIFIED IN THE WATER SYSTEM STANDARDS. PIPE CUSHION AND BACKFILL MATERIAL SHALL CONTAIN NO HAZARDOUS SUBSTANCES ABOVE REGULATORY ACTION LEVELS INCLUDING BUT NOT LIMITED TO LEAD, ASBESTOS, MERCURY, CHROMIUM, CADMIUM, ZINC, STRONTIUM, AND POLYCHLORINATED BIPHENYLS (PCB).



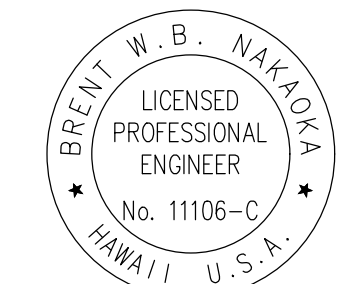
PROFILE: WATERLINE
SCALES: HOR. 1" = 20'
VERT. 1" = 4'

WATER NOTES (CONT.)

- CONTRACTOR SHALL CUT AND PLUG ALL EXISTING UNUSED LATERALS AT THE MAIN WHETHER OR NOT SHOWN ON THE PLANS. THE DAMAGED AREA SHALL BE REPAIRED TO AN EQUAL OR BETTER CONDITION THAN THE IMMEDIATE AREA. ALL WORK SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.
- ALL DUCTILE IRON FITTINGS SHALL HAVE A FACTORY-APPLIED COATING AND BE WRAPPED WITH PETROLATUM WAX TAPE. ALL DUCTILE IRON PIPE SHALL BE SUPPLIED WITH A BONDED DIELECTRIC COATING (100% SOLIDS POLYURETHANE OR EPOXY).
- THE CONTRACTOR IN THE PRESENCE OF THE CONSULTING ENGINEER, WILL FLOW TEST THE MOST CRITICAL FIRE HYDRANTS (HYDRANTS WITH THE LEAST FLOW EXPECTED). THE CONSULTING ENGINEER WILL FURNISH TO THE HONOLULU FIRE DEPARTMENT (WITH A COPY TO THE BOARD OF WATER SUPPLY, CAPITAL PROJECTS DIVISION, CONSTRUCTION SECTION) THE FOLLOWING FLOW DATA: STATIC AND RESIDUAL PRESSURES IN PSI, PITOT AND FLOW IN GPM, GENERAL LAYOUT DRAWING SHOWING LOCATION OF FIRE HYDRANTS; AND MANUFACTURER OF HYDRANTS.
- THE CONTRACTOR SHALL INSTALL TONING WIRE TO ALL MAINS AND TEST THE TONING WIRE PRIOR TO INSTALLATIONS TO VERIFY PROPER OPERATION.
- INSTALL 4 MIL THICK, NON-METALLIC, BLUE COLORED, 6 INCHES WIDE WARNING TAPE OVER CENTERLINE OF THE PIPE AND BELOW THE BASE COURSE ALONG THE ENTIRE LENGTH OF TRENCH. TAPE SHOULD BE MARKED WITH "CAUTION WATER LINE BURIED BELOW".
- EXCAVATIONS SHALL BE CLEARLY IDENTIFIED AND COVERED AT THE END OF SHIFT(S) IN ACCORDANCE WITH OSHA 29 CFR 1926.502(i) COVER.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

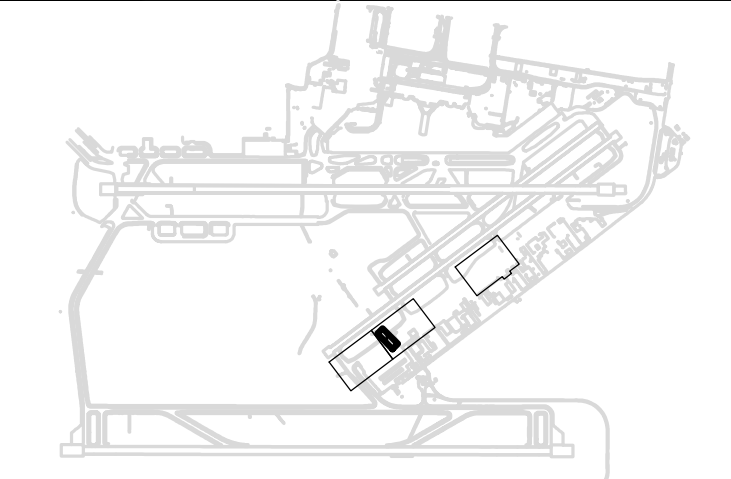


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Brent Nakaya
Signature
04/30/2026
Lic. Exp. Date

NOTE: CONTRACTOR TO CHECK & VERIFY DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DSGN.	DRWN.	CHKD.	APPD.
GKT	AY	BWN	BWN



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CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

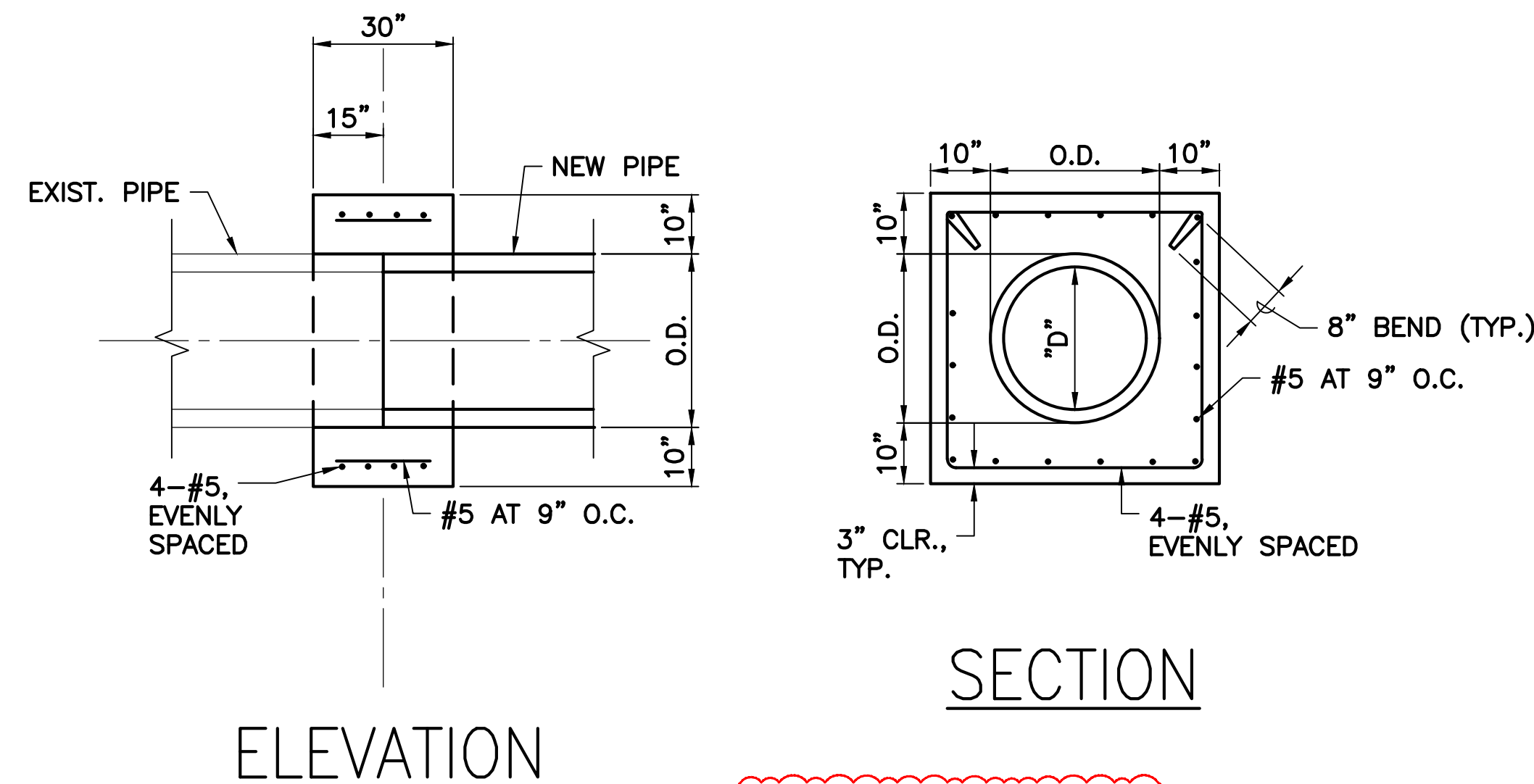
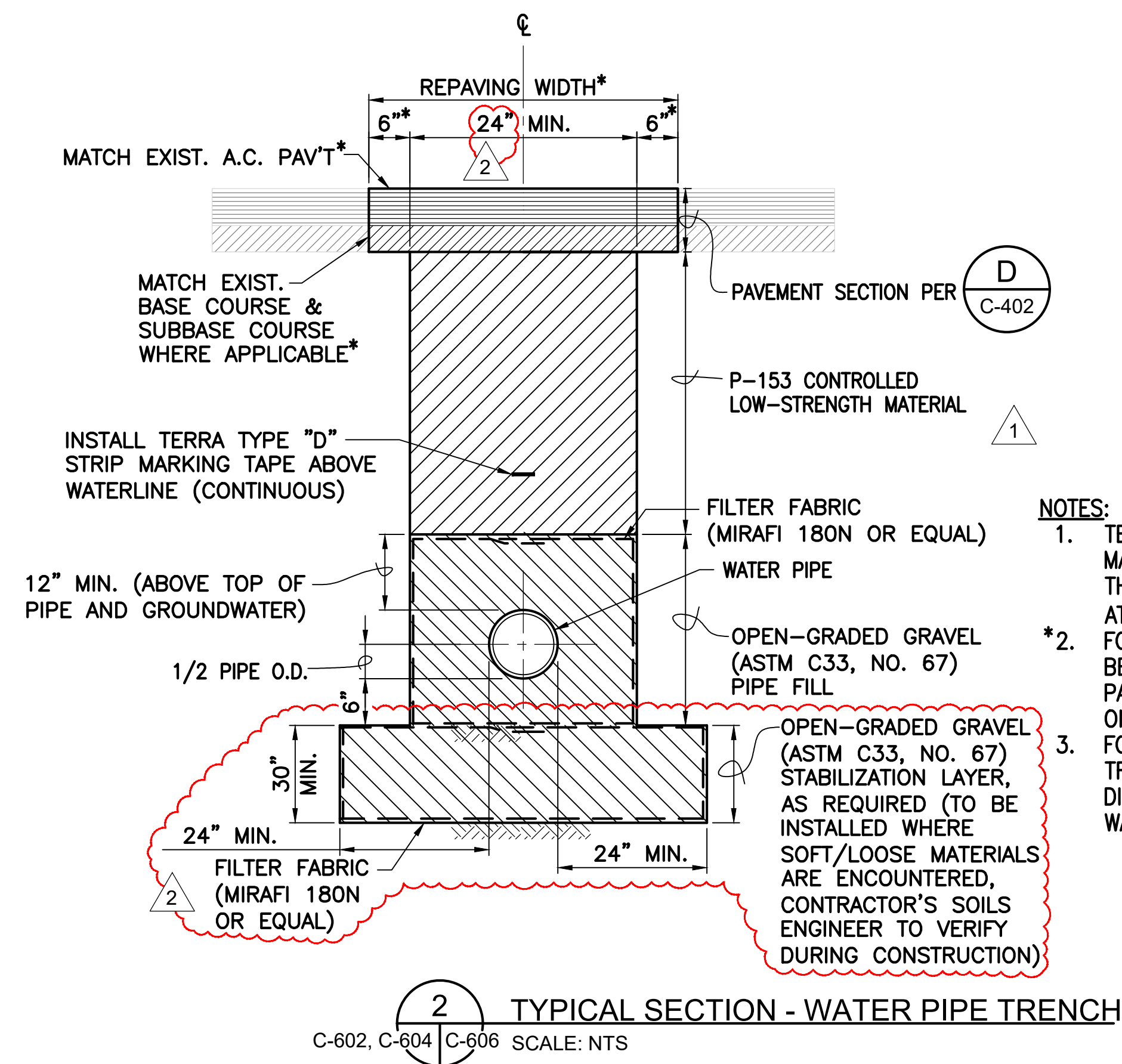
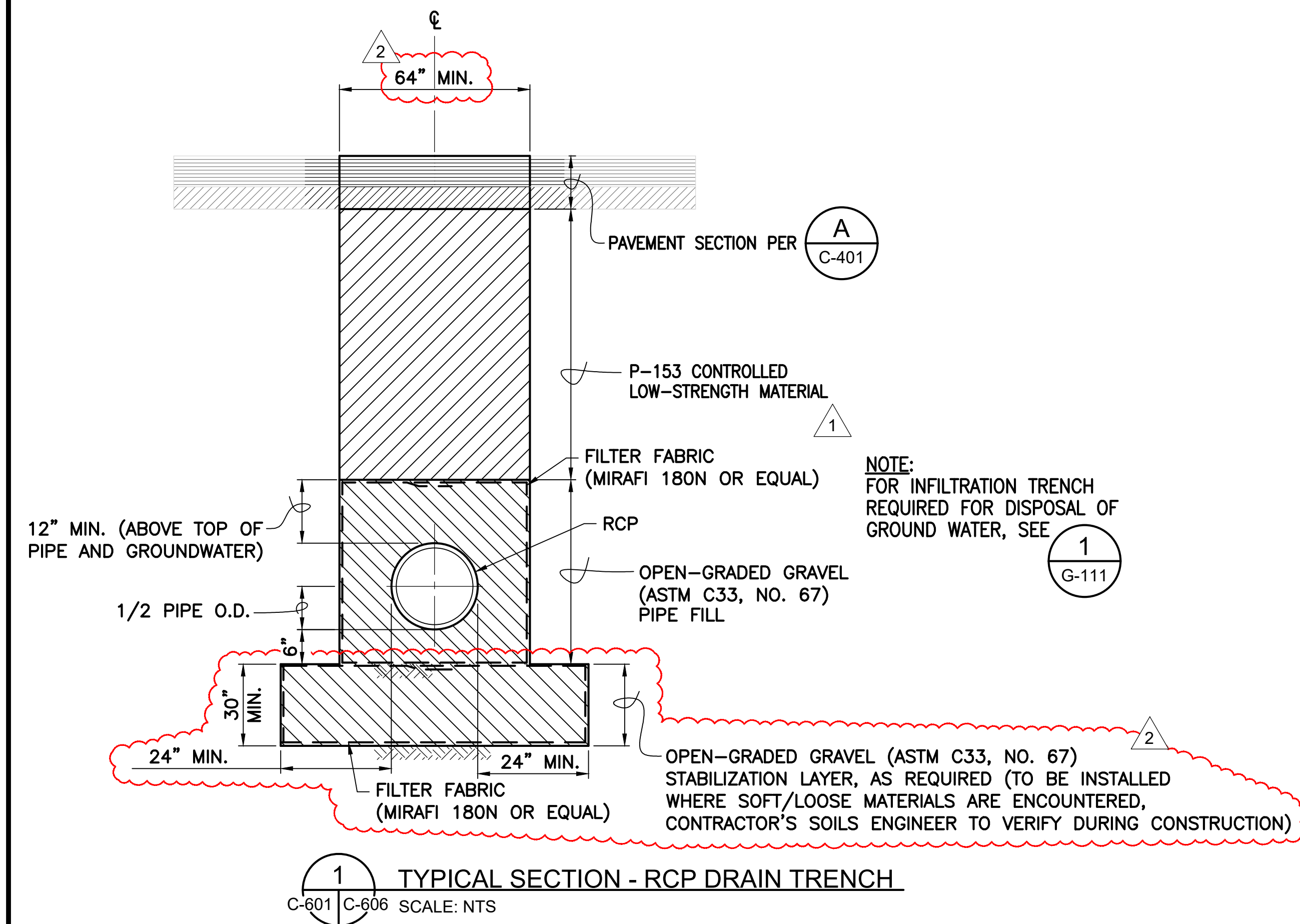
PROJECT NO.:

AO1021-30

SHEET TITLE:

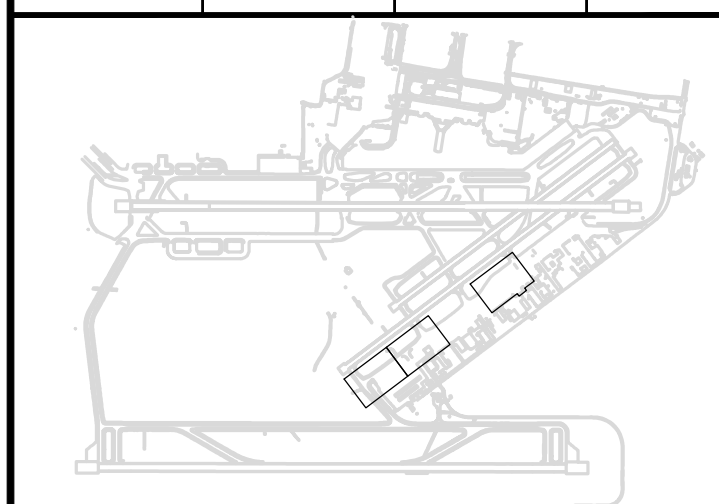
WATER LINE
PLAN AND PROFILE

DATE :	DWG. NO.
01/2026	C-604
SHEET :	
122 OF 171 SHEETS	



NOTE:
MINIMUM CONCRETE STRENGTH
SHALL BE 4,000 PSI.

DSGN.	DRWN.	CHKD.	APPD.
GKT	AY	BWN	BWN



NO.	DATE	REVISIONS
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1	03/12/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION
AT
DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII

PROJECT NO.:

AO1021-30

SHEET TITLE:

MISCELLANEOUS
DETAILS

DATE :	DWG. NO.
01/2026	C-606
SHEET :	
124 OF 171 SHEETS	

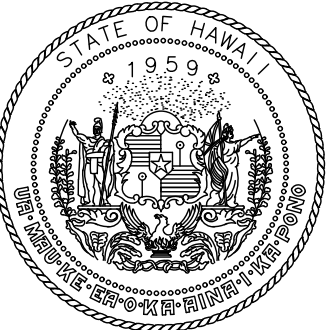
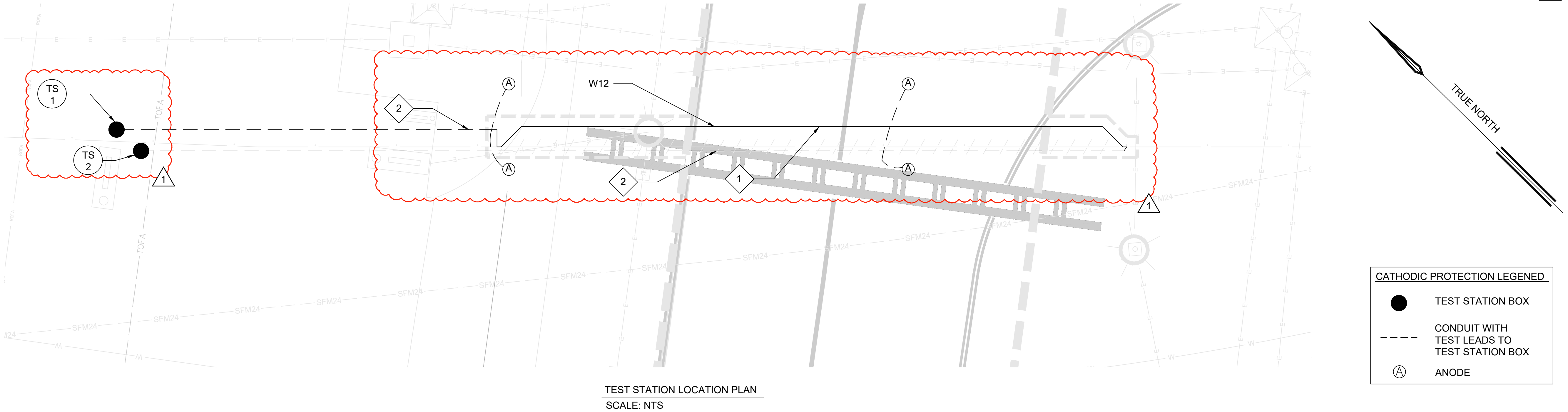
TEST STATION SCHEDULE					
NO.	STATIONING	TEST STATION TYPE	NO. OF ANODES	NOTE	DETAILS
1	0+00	IJATS	2	ISOLATE FROM CONNECTION TO EX. W12	1/C-608, A/C-608, 2/C-608
2	1+57	IJATS	2	ISOLATE FROM CONNECTION TO EX. W12	1/C-608, A/C-608, 2/C-608

GENERAL NOTES:

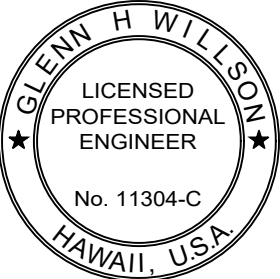
- ALL TEST STATIONS TO BE LOCATED IN AREAS NOT SUBJECT TO VEHICULAR TRAFFIC.
- STATIONING FOR TEST STATIONS CORRELATES TO STATIONING WHERE TEST LEADS SHALL BE CONNECTED TO PROJECT PIPE.
- THE DRAWINGS FOR THE CATHODIC PROTECTION ARE DIAGRAMMATIC AND SHALL NOT BE SCALED FOR EXACT LOCATIONS UNLESS SCALES ARE EXPLICITLY STATED ON THE SPECIFIC DRAWINGS. FIELD CONDITIONS, NON-INTERFERENCE WITH OTHER UTILITIES OR TRADES, LANDSCAPING, PAVING, CONCRETE, ARCHITECTURAL, MECHANICAL, AND STRUCTURAL FEATURES SHALL DETERMINE EXACT LOCATIONS. CONTRACTOR SHALL NOTE OTHER UTILITIES IN THE AREA AND CARE SHALL BE TAKEN DURING EXCAVATION NOT TO DAMAGE THESE UTILITIES. ANY DAMAGED UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE UTILITY OWNER'S STANDARDS AT THE CONTRACTOR'S EXPENSE.
- RECORD DRAWINGS FOR THE CATHODIC PROTECTION SYSTEM SHALL BE MAINTAINED BY THE CONTRACTOR DURING THE INSTALLATION AND CONSTRUCTION OF THE CATHODIC PROTECTION SYSTEM(S). DRAWINGS SHALL BE REVISED TO SHOW EXACT LOCATIONS OF ALL ANODES, TEST STATIONS, ELECTRICAL ISOLATION DEVICES, AND OTHER RELATED ITEMS.
- ELECTRICALLY ISOLATE ALL METALLIC LATERAL PIPING (INCLUDING ARVs) FROM PROJECT PIPELINES. IF METALLIC LATERAL PIPING IS NOT PROPERLY ISOLATED FROM THE PROJECT PIPELINES, THEN THE CATHODIC PROTECTION SYSTEM COULD BE PREMATURELY DEPLETED.
- THE CATHODIC PROTECTION SYSTEM DESIGN IS DEPENDENT ON THE DIP HAVING A BONDED DIELECTRIC COATING PER THE BWS WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS VOLUME 3, DATED 2021. IF THE DIP DOES NOT HAVE A BONDED DIELECTRIC COATING, THEN THE CATHODIC PROTECTION SYSTEM COULD BE PREMATURELY DEPLETED.

SHEET KEYNOTES:

- TS # INSTALL TEST STATION TYPE AND LOCATION ACCORDING TO TEST STATION SCHEDULE.
- 1 INSTALL CONTINUITY (JOINT) BONDS ON ALL NEW BURIED DIP WATERLINES AND FITTINGS. WRAP ALL FITTINGS WITH WAX TAPE COATING OVER BONDED DIELECTRIC COATING. SEE DETAIL 3/C-608.
- 2 PLACE TEST STATION CONDUIT IN SAME TRENCH AS WATERLINE WHERE APPROPRIATE DURING CONSTRUCTION.



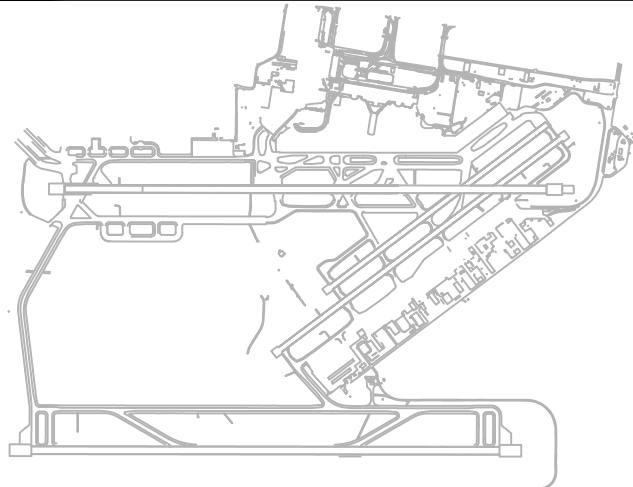
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
RC	RC, SC	GHW	GHW



NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

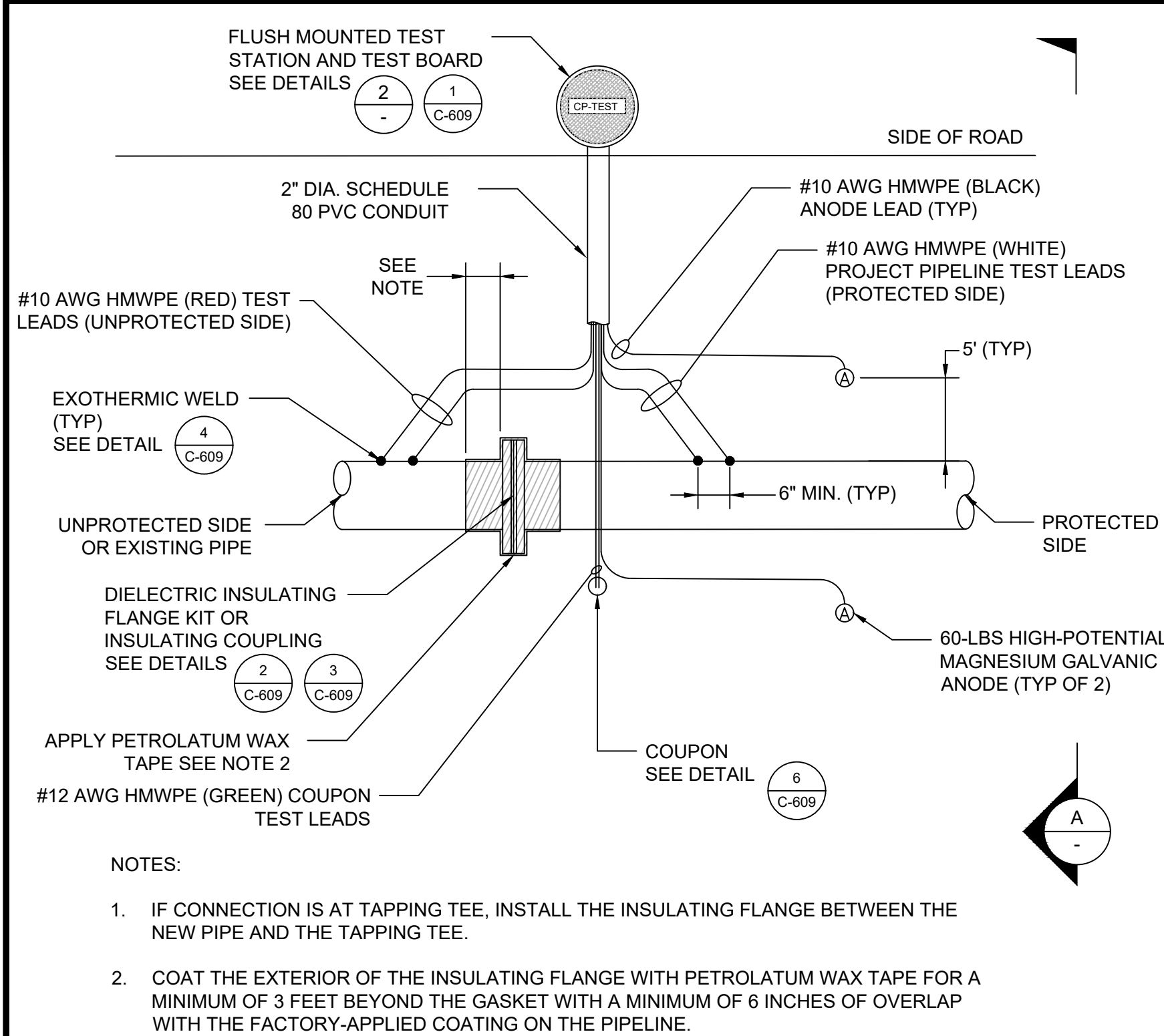
PROJECT NO.:

AO1021-30

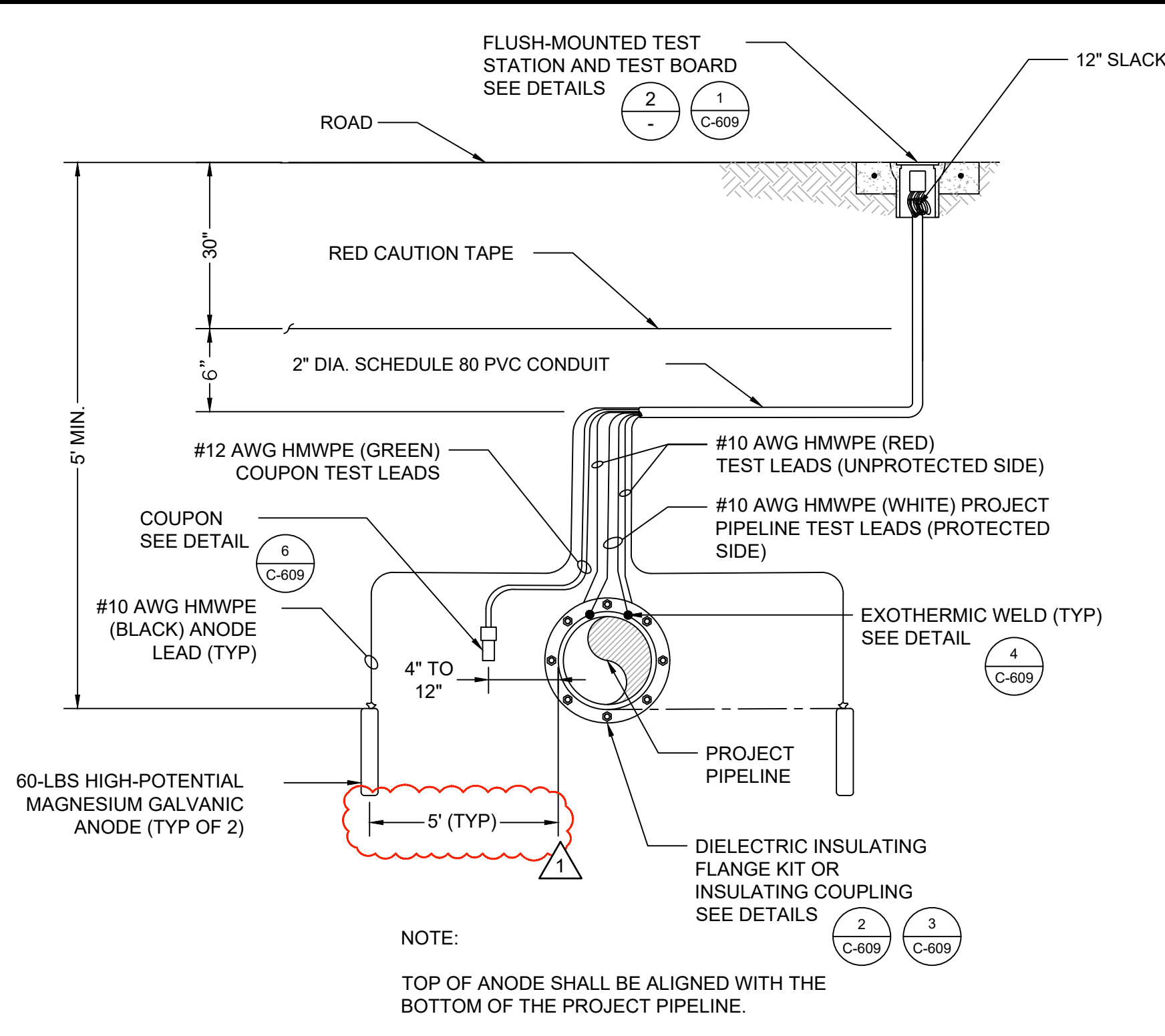
SHEET TITLE:

CATHODIC PROTECTION
PLAN TEST STATION
SCHEDULE

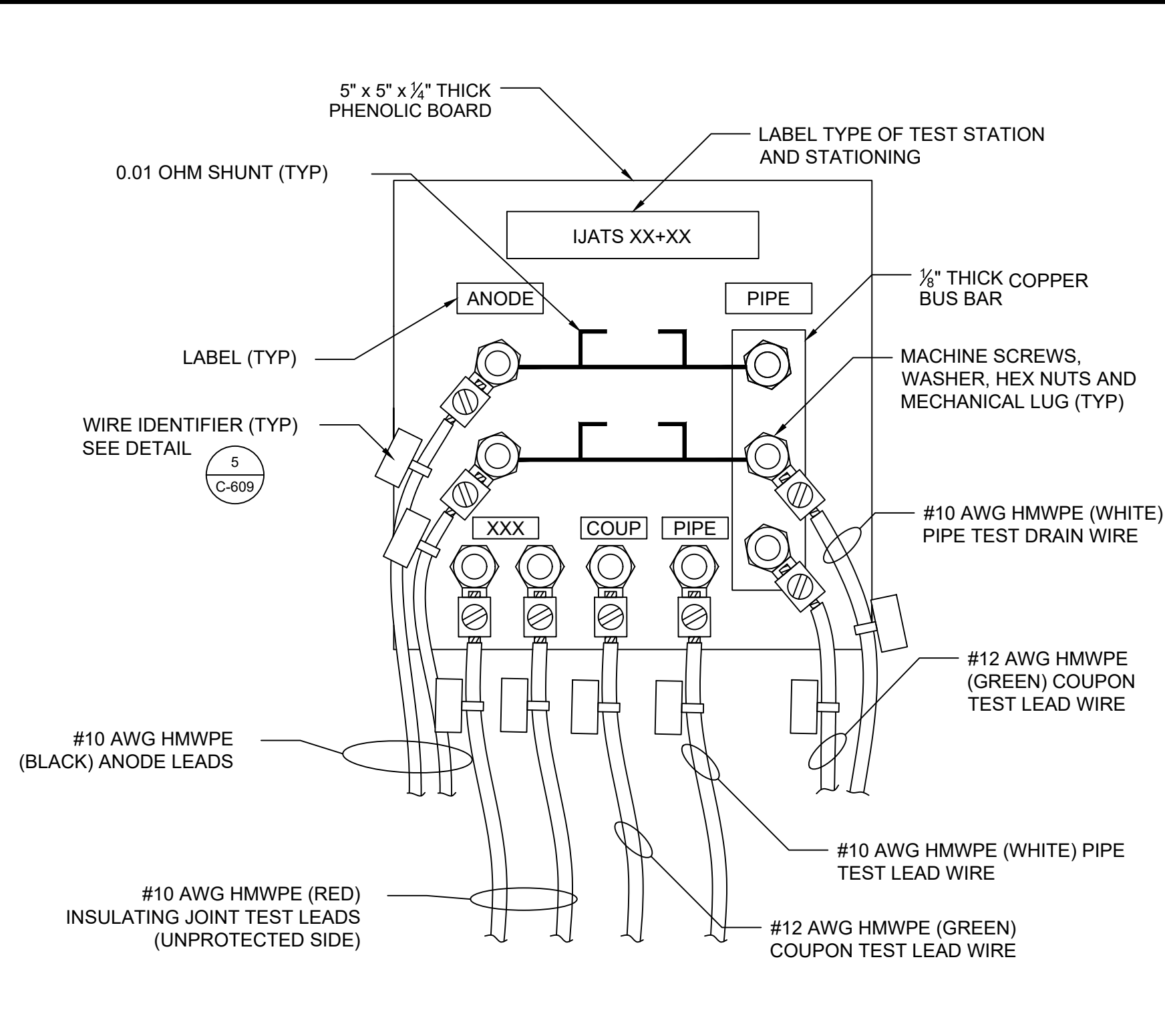
DATE :	DWG. NO.
01/2026	C-607
SHEET :	
125 OF 171 SHEETS	



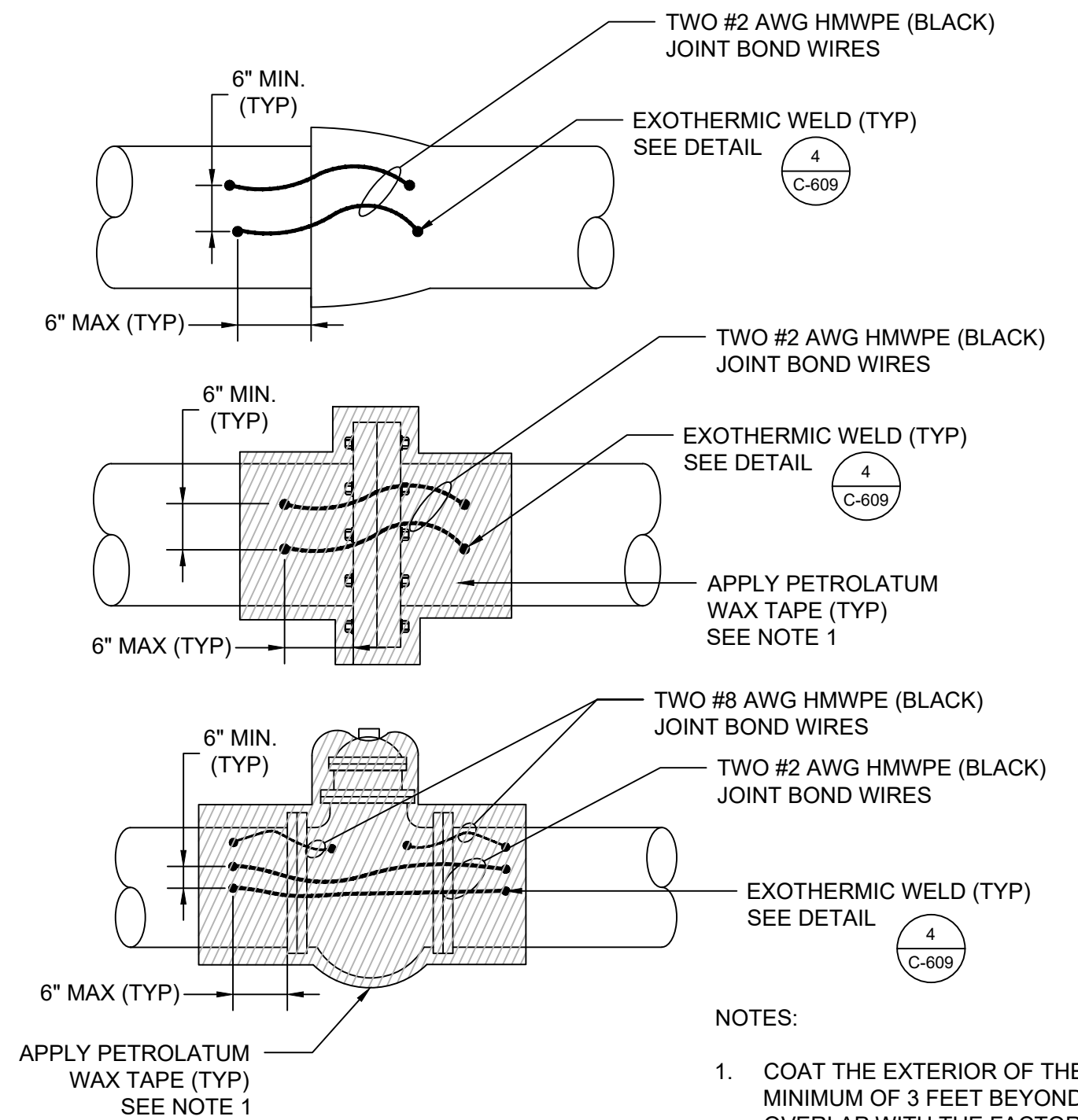
INSULATING JOINT ANODE TEST STATION (IJATS)
PLAN VIEW
SCALE: NTS



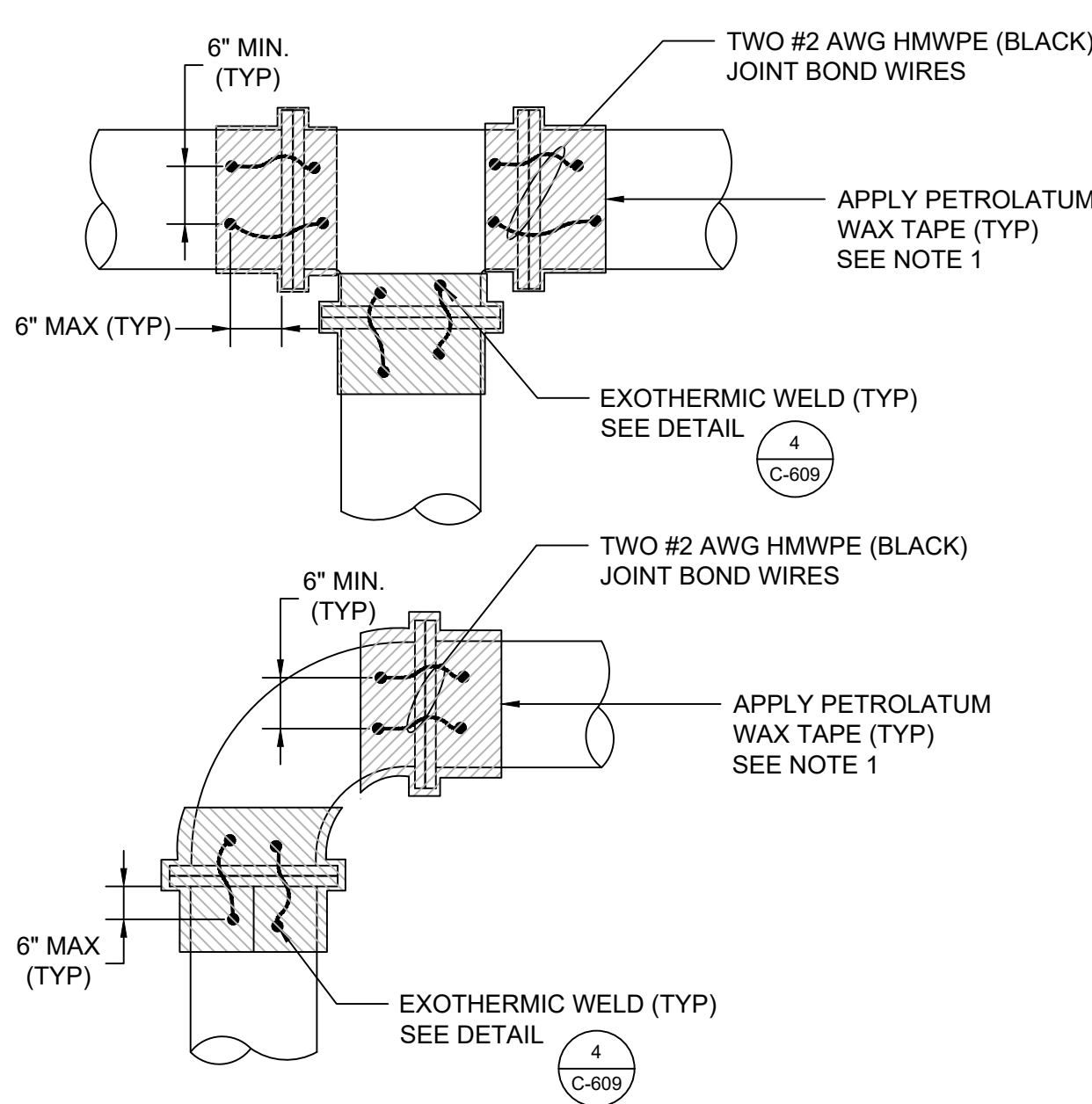
INSULATING JOINT ANODE TEST STATION (IJATS)
SECTION VIEW
SCALE: NTS



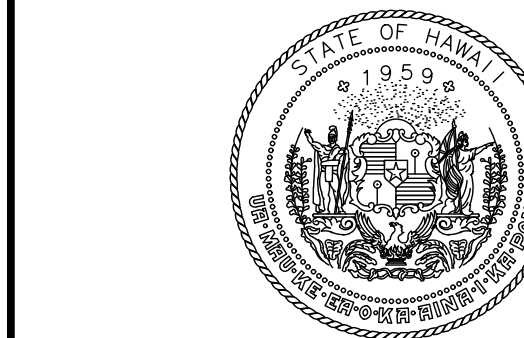
INSULATING JOINT ANODE TEST STATION (IJATS)
TERMINAL BOARD DETAIL
SCALE: NTS



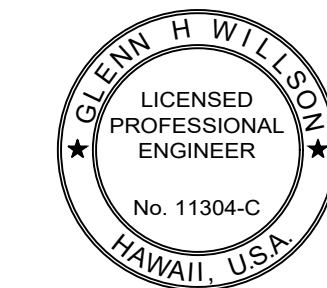
PIPE JOINT BONDING DETAIL FOR
NON-INSULATED JOINTS
SCALE: NTS



3
C-608



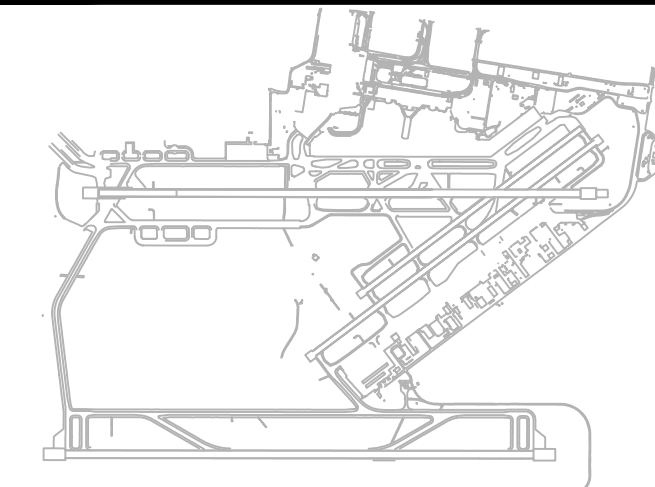
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
RC	RC, SC	GHW	GHW



1	03/30/26	ADDENDUM #2
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

CATHODIC PROTECTION DETAILS - 1

DATE :
01/2026
SHEET :
126 OF 171 SHEETS

DWG. NO.

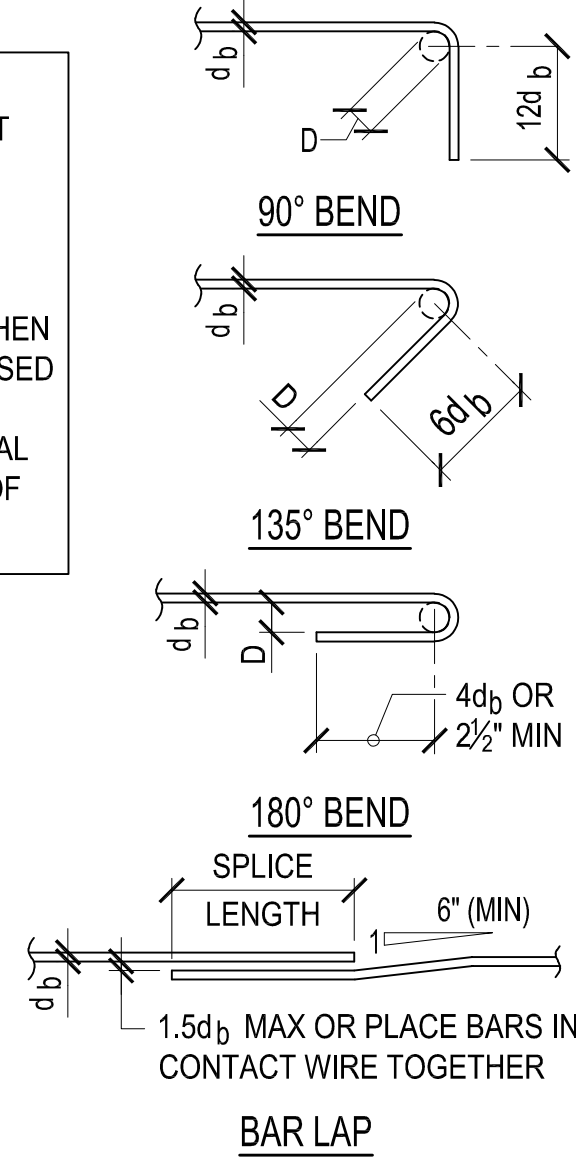
C-608

E:\PROJECTS\2025\0300 THRU 0309\25-0313 RM TOWILL HNL AIRPORT\200 DRAWINGS\4 SUBMITTAL 4\AO1021-C30 C0622 CATHODIC PROTECTION DETAILS 1.DWG

MINIMUM SPLICE AND DEVELOPMENT LENGTHS					
BAR SIZE	LAP SPLICE		DEVELOPMENT		
	TOP BARS	OTHER BARS	STRAIGHT TOP BARS OTHER BARS	WITH STANDARD HOOK	
#3	26"	20"	20"	16"	6"
#4	34"	26"	26"	20"	8"
#5	42"	32"	32"	24"	10"
#6	50"	38"	38"	30"	12"
#7	72"	54"	54"	42"	14"
#8	82"	62"	62"	48"	16"
#9	92"	70"	70"	54"	19"
#10	102"	80"	80"	62"	22"
#11	114"	88"	88"	68"	24"

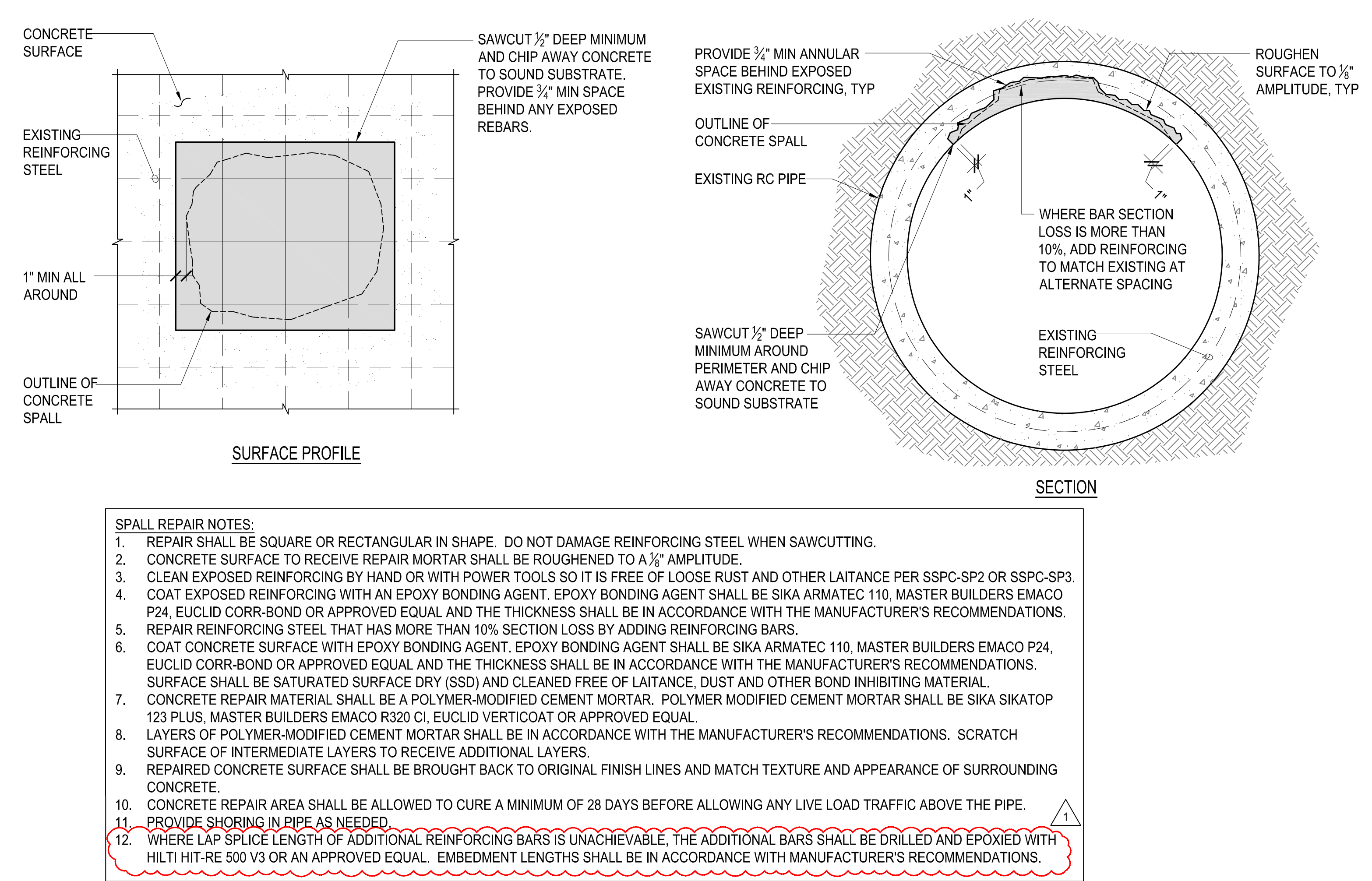
NOTES:
1. IF CONCRETE COVER IS NOT GREATER THAN THE DIAMETER OF THE BAR OR THE CENTER-TO-CENTER SPACING IS NOT GREATER THAN 3 BAR DIAMETERS THEN VALUES SHALL BE INCREASED BY 50%.
2. "TOP BARS" ARE HORIZONTAL BARS WITH 12" OR MORE OF CONCRETE CAST BELOW.

D = 6d_b FOR #8 AND SMALLER
D = 8d_b FOR #9 TO #11



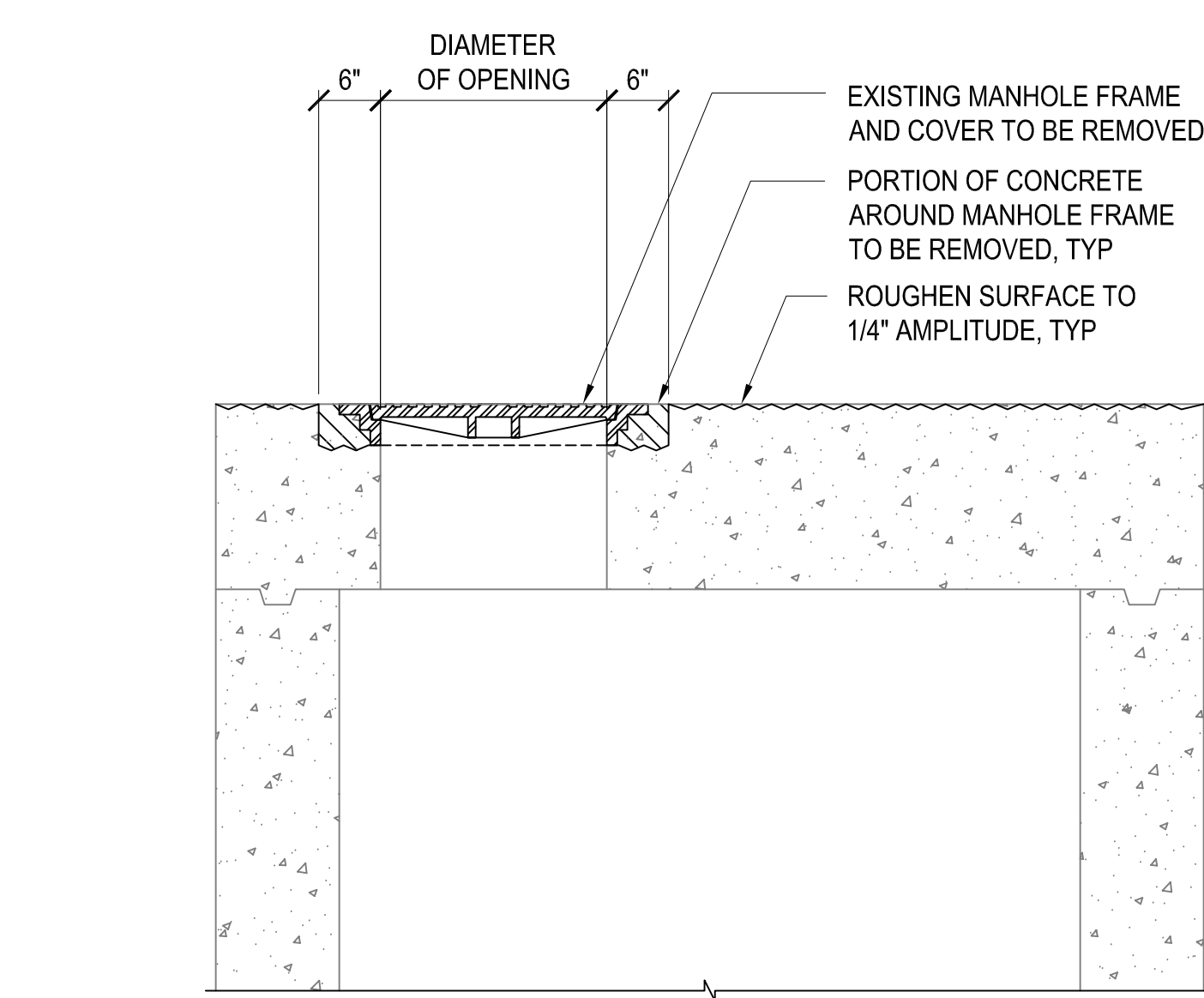
1 TYPICAL REBAR SPLICE AND DEVELOPMENT LENGTH SCHEDULE

C-611 NOT TO SCALE



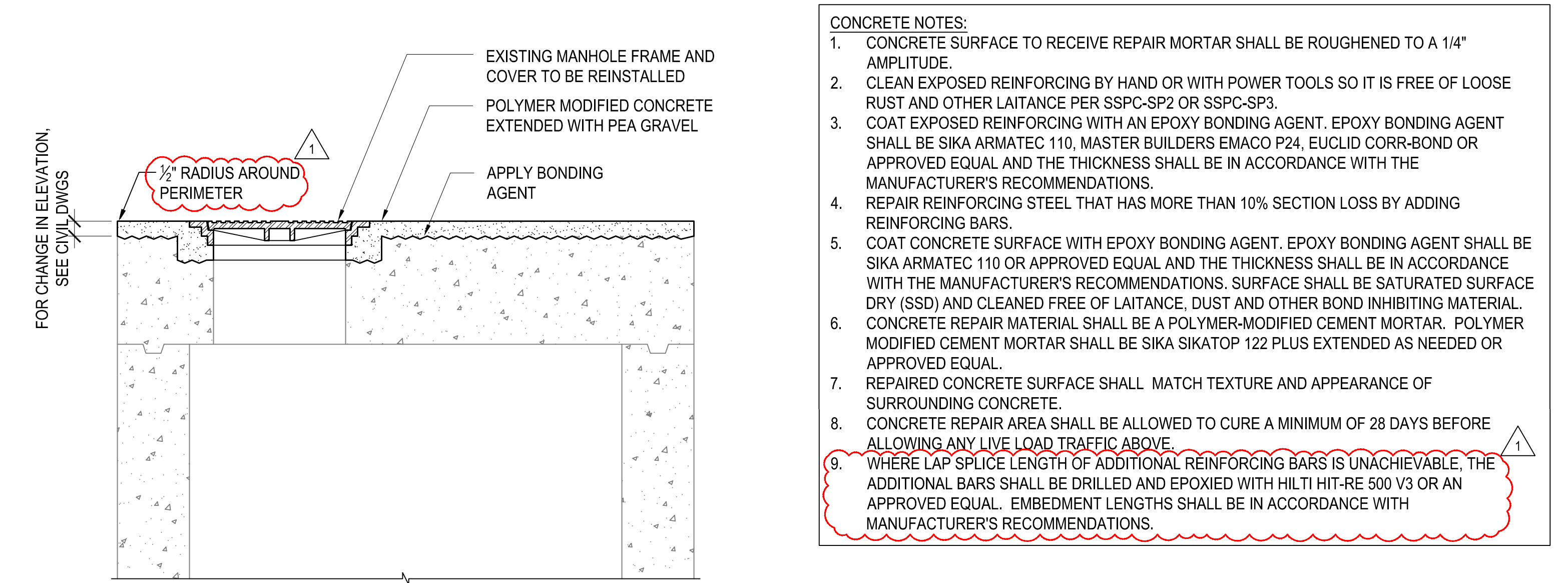
2 TYPICAL CONCRETE PIPE SPALL REPAIR DETAIL

C-611 NOT TO SCALE



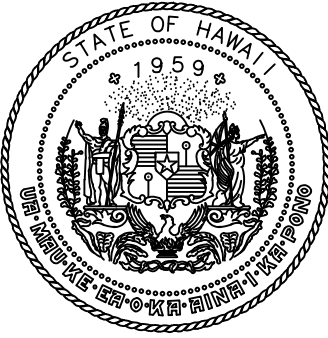
3 DMH-5759 PARTIAL DEMOLITION SECTION

C-611 NOT TO SCALE

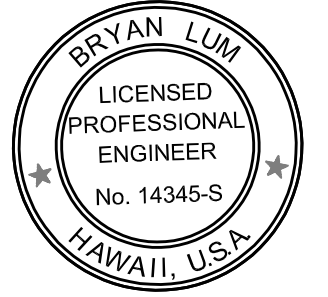


4 DMH-5759 RECONSTRUCTION SECTION

C-611 NOT TO SCALE



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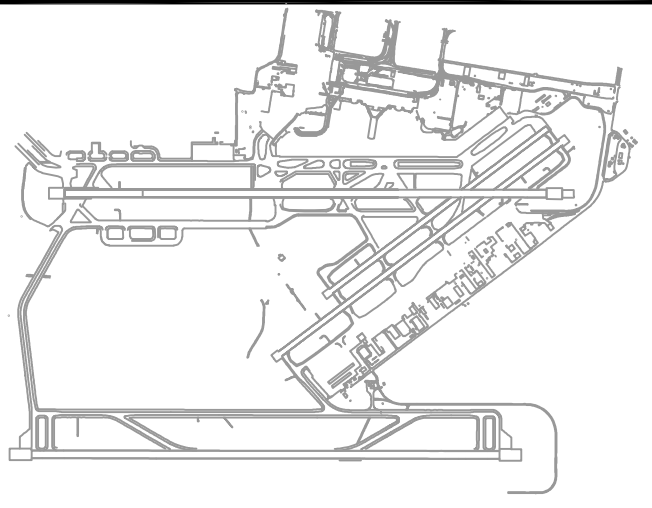
RYAN LUM
LICENSED PROFESSIONAL ENGINEER
No. 14345-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115, SUBCHAPTER 1 DEFINITIONS OF THE HAWAII ADMINISTRATIVE RULES, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.)

04/30/2026

NOTE: CONTRACTOR TO CHECK & VERIFY DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DSGN.	DRWN.	CHKD.	APPD.
JC	CADD	BUM	BUM



1	03/30/26	ADDENDUM #2
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

STRUCTURAL TYPICAL DETAILS AND DRAIN MANHOLE SECTIONS

DATE :	DWG. NO.
01/2026	C-611
SHEET :	
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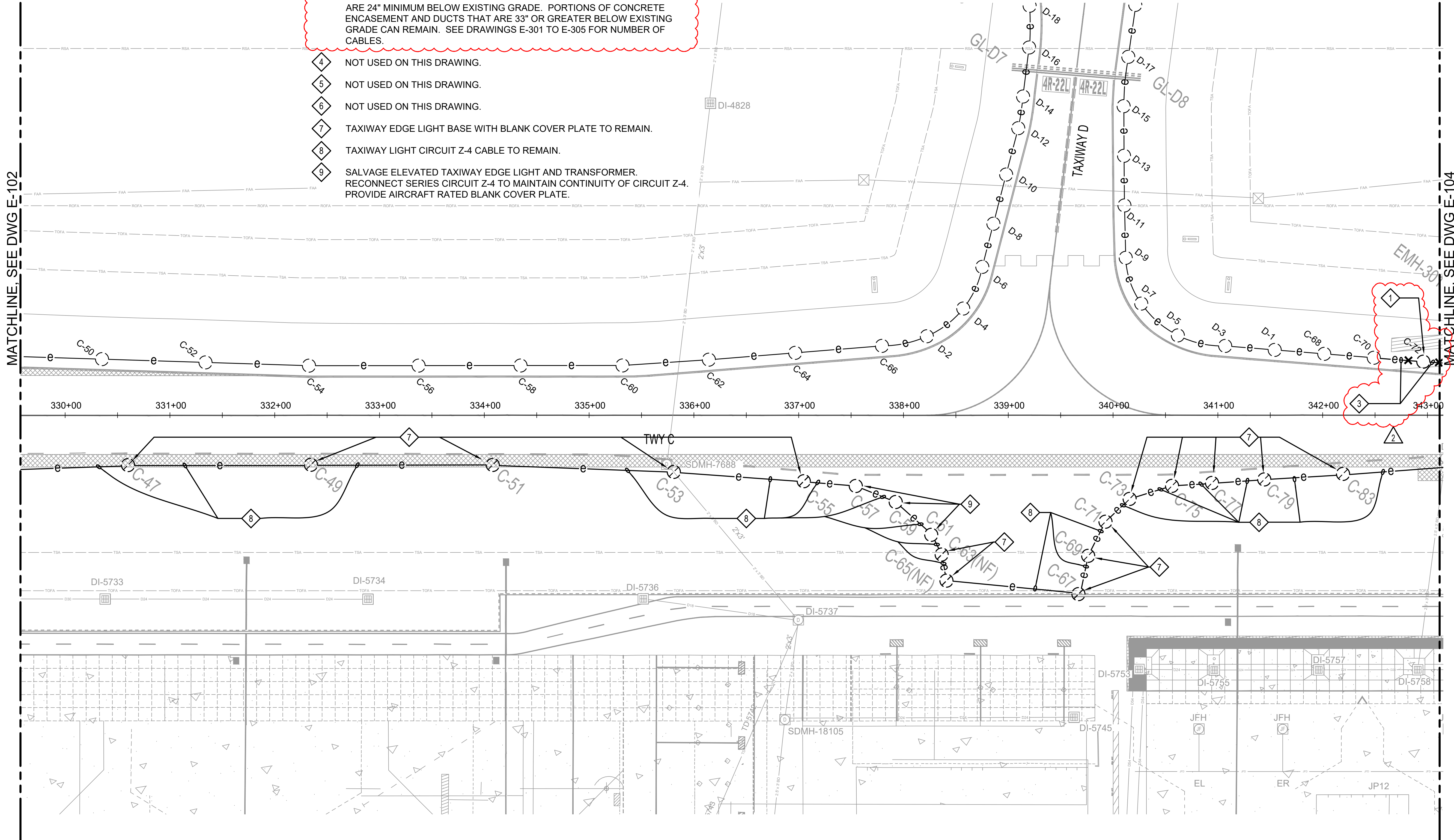
P:\HON\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWG\SEE101.DWG

MATCHLINE, SEE DWG E-102

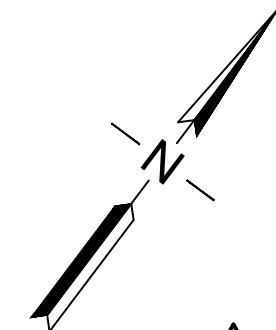
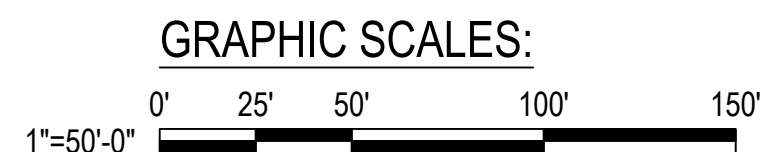
MATCHLINE, SEE DWG E-104

NOTES:

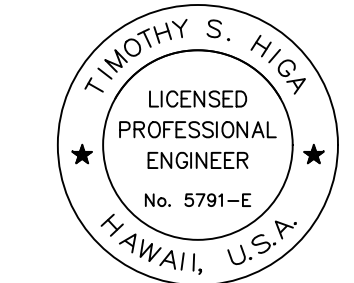
- 1 REMOVE TAXIWAY LIGHT BASE. SALVAGE ELEVATED TAXIWAY EDGE LIGHT AND TRANSFORMER.
- 2 NOT USED ON THIS DRAWING.
- 3 REMOVE AIRFIELD LIGHTING CABLES. REMOVE CONCRETE ENCASED DUCT AS NECESSARY FOR NEW CONSTRUCTION. CONCRETE ENCASED DUCTS ARE 24" MINIMUM BELOW EXISTING GRADE. PORTIONS OF CONCRETE ENCASUREMENT AND DUCTS THAT ARE 33" OR GREATER BELOW EXISTING GRADE CAN REMAIN. SEE DRAWINGS E-301 TO E-305 FOR NUMBER OF CABLES.
- 4 NOT USED ON THIS DRAWING.
- 5 NOT USED ON THIS DRAWING.
- 6 NOT USED ON THIS DRAWING.
- 7 TAXIWAY EDGE LIGHT BASE WITH BLANK COVER PLATE TO REMAIN.
- 8 TAXIWAY LIGHT CIRCUIT Z-4 CABLE TO REMAIN.
- 9 SALVAGE ELEVATED TAXIWAY EDGE LIGHT AND TRANSFORMER. RECONNECT SERIES CIRCUIT Z-4 TO MAINTAIN CONTINUITY OF CIRCUIT Z-4. PROVIDE AIRCRAFT RATED BLANK COVER PLATE.



1 ELECTRICAL DEMOLITION SITE PLAN - 3
E-103 SCALE: 1" = 50'



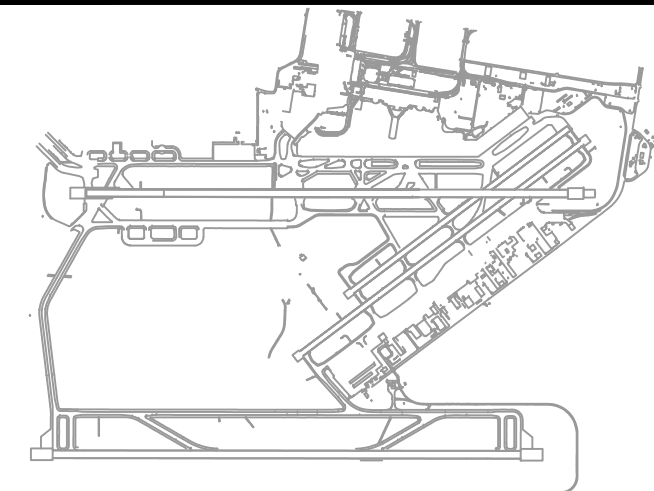
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Timothy S. Higa
04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

**ELECTRICAL
DEMOLITION SITE
PLAN - 3**

DATE :
01/2026
SHEET :

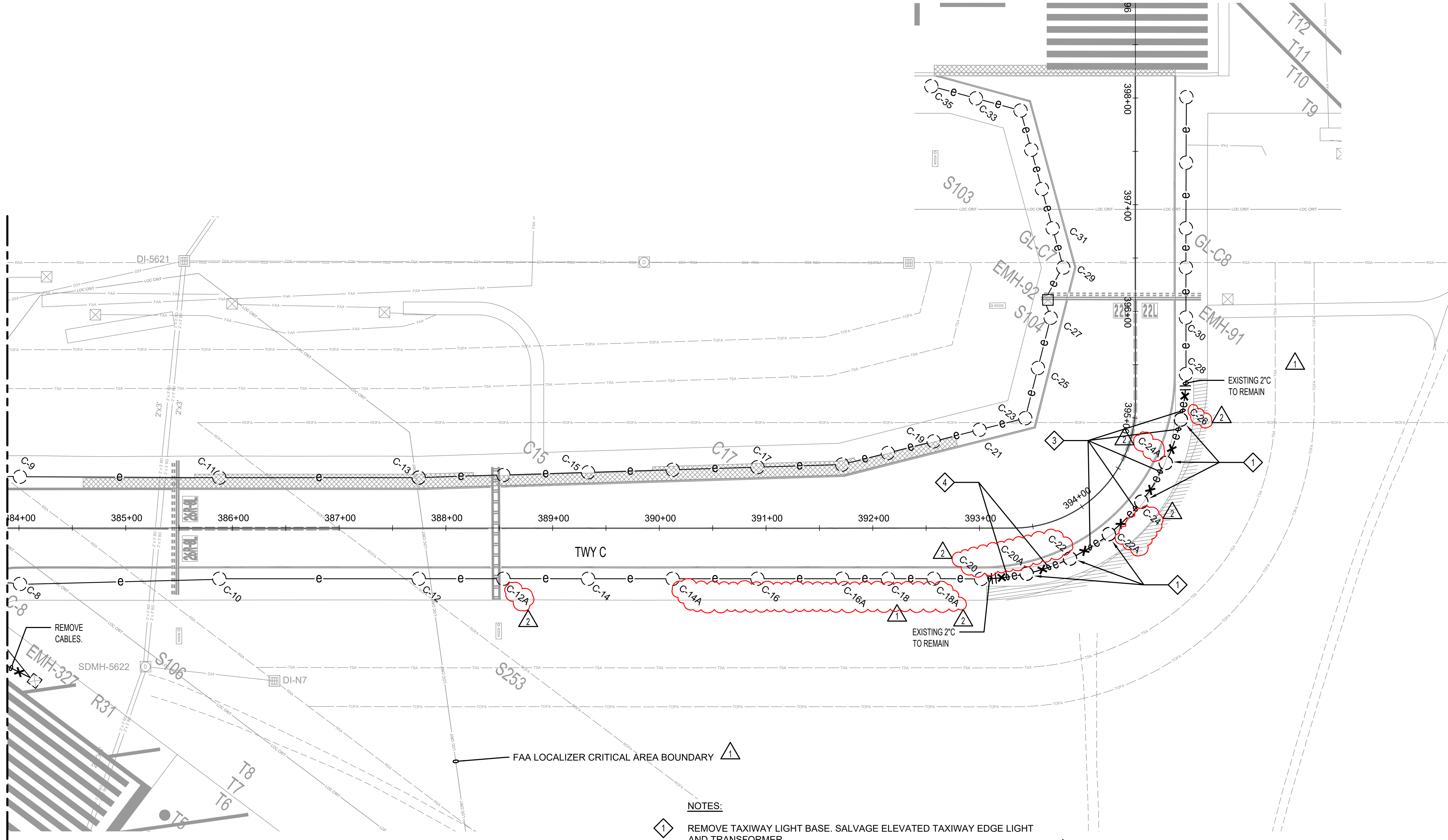
DWG. NO.

E-103

145 OF 171 SHEETS

P:\HON25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWG\SEE101.DWG

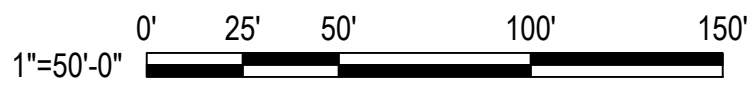
MATCHLINE, SEE DWG E-106



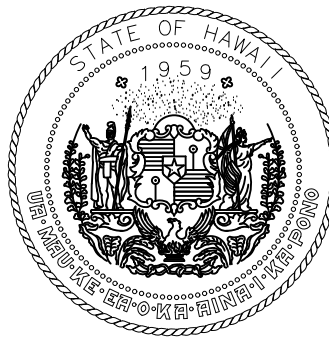
NOTES:

- 1 REMOVE TAXIWAY LIGHT BASE. SALVAGE ELEVATED TAXIWAY EDGE LIGHT AND TRANSFORMER.
- 2 NOT USED ON THIS DRAWING.
- 3 REMOVE AIRFIELD LIGHTING CABLES. REMOVE CONCRETE ENCASED DUCT AS NECESSARY FOR NEW CONSTRUCTION. CONCRETE ENCASED DUCTS ARE 24" MINIMUM BELOW EXISTING GRADE. PORTIONS OF CONCRETE ENCASEMENT AND DUCTS THAT ARE 33" OR GREATER BELOW EXISTING GRADE CAN REMAIN. SEE DRAWINGS E-301 TO E-305 FOR NUMBER OF CABLE.
- 4 REMOVE EXISTING DUCTS AND CABLES.

GRAPHIC SCALES:



1 **ELECTRICAL DEMOLITION SITE PLAN - 7**
E-107 SCALE: 1" = 50'



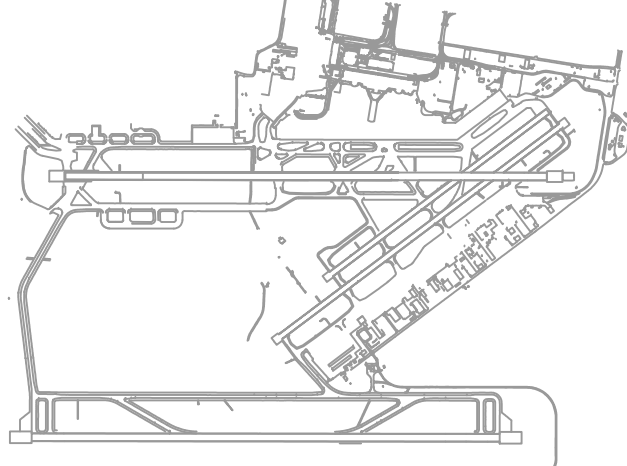
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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04/30/2026
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TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

A01021-30

SHEET TITLE:

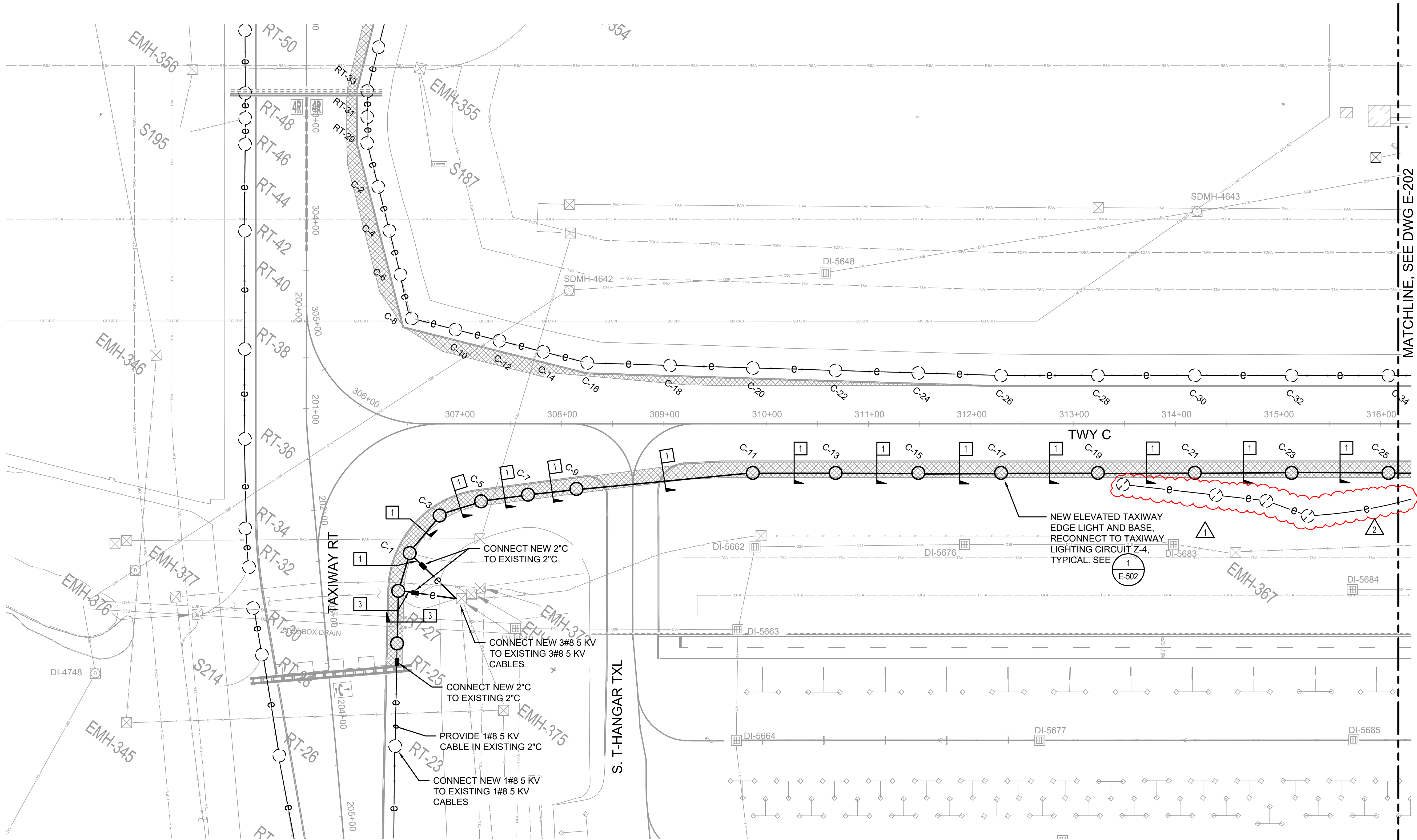
**ELECTRICAL
DEMOLITION SITE
PLAN - 7**

DATE :
01/2026
SHEET :
149 OF 171 SHEETS

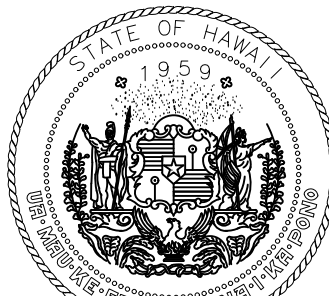
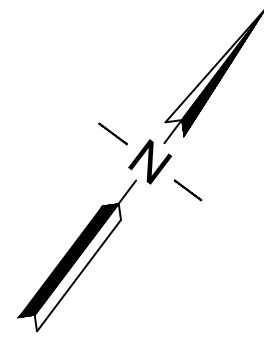
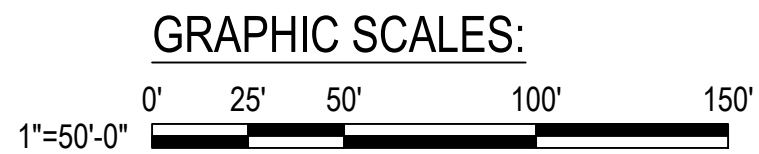
DWG. NO.

E-107

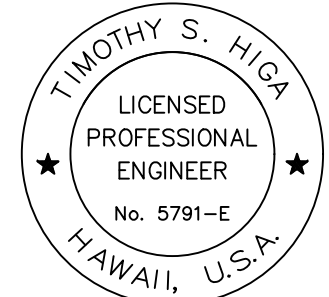
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1 NEW ELECTRICAL SITE PLAN - 1
E-201 SCALE: 1" = 50'



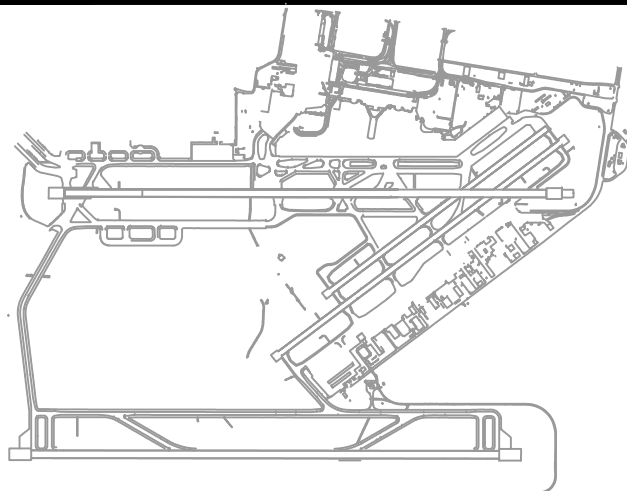
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DEPARTMENT OF TRANSPORTATION
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TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

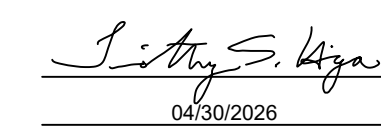
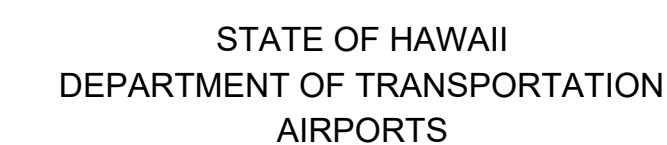
PROJECT NO.:

AO1021-30

SHEET TITLE:

**NEW ELECTRICAL SITE
PLAN - 1**

DATE :	DWG. NO.
01/2026	E-201
SHEET :	
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CONSTRUCTION DOCUMENTS

JANUARY 2026

DATE

PROJECT TITLE:

TAXIWAY C RECONSTRUCTION

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

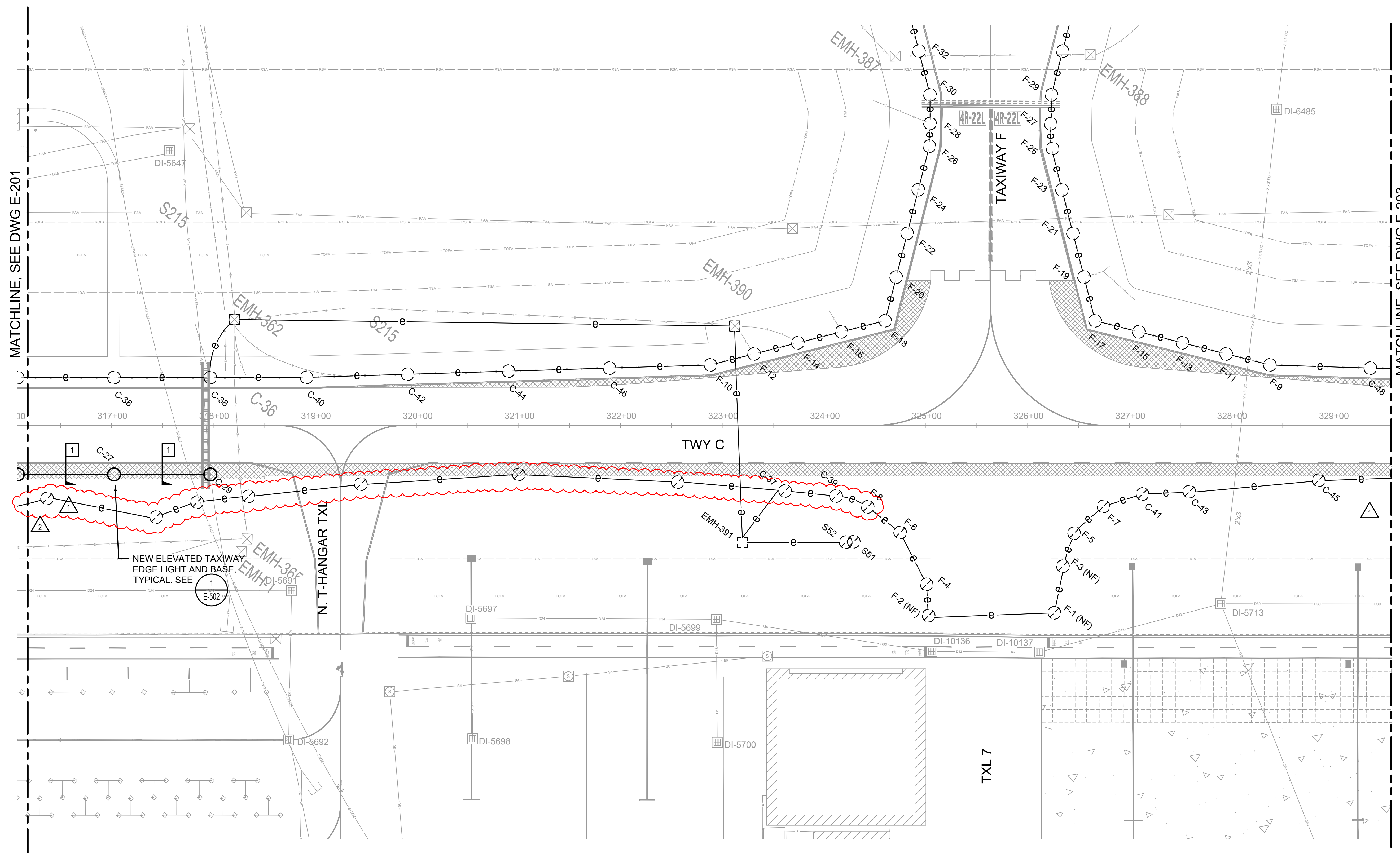
PROJECT NO.:

AO1021-30

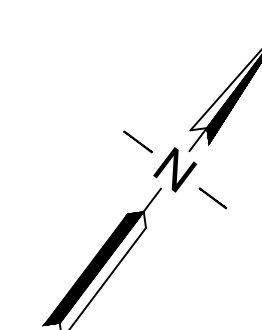
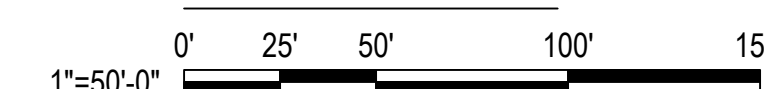
SHEET TITLE:

NEW ELECTRICAL SITE PLAN - 2

DATE :	DWG. NO.
01/2026	E-202
SHEET :	
152 OF 171 SHEETS	



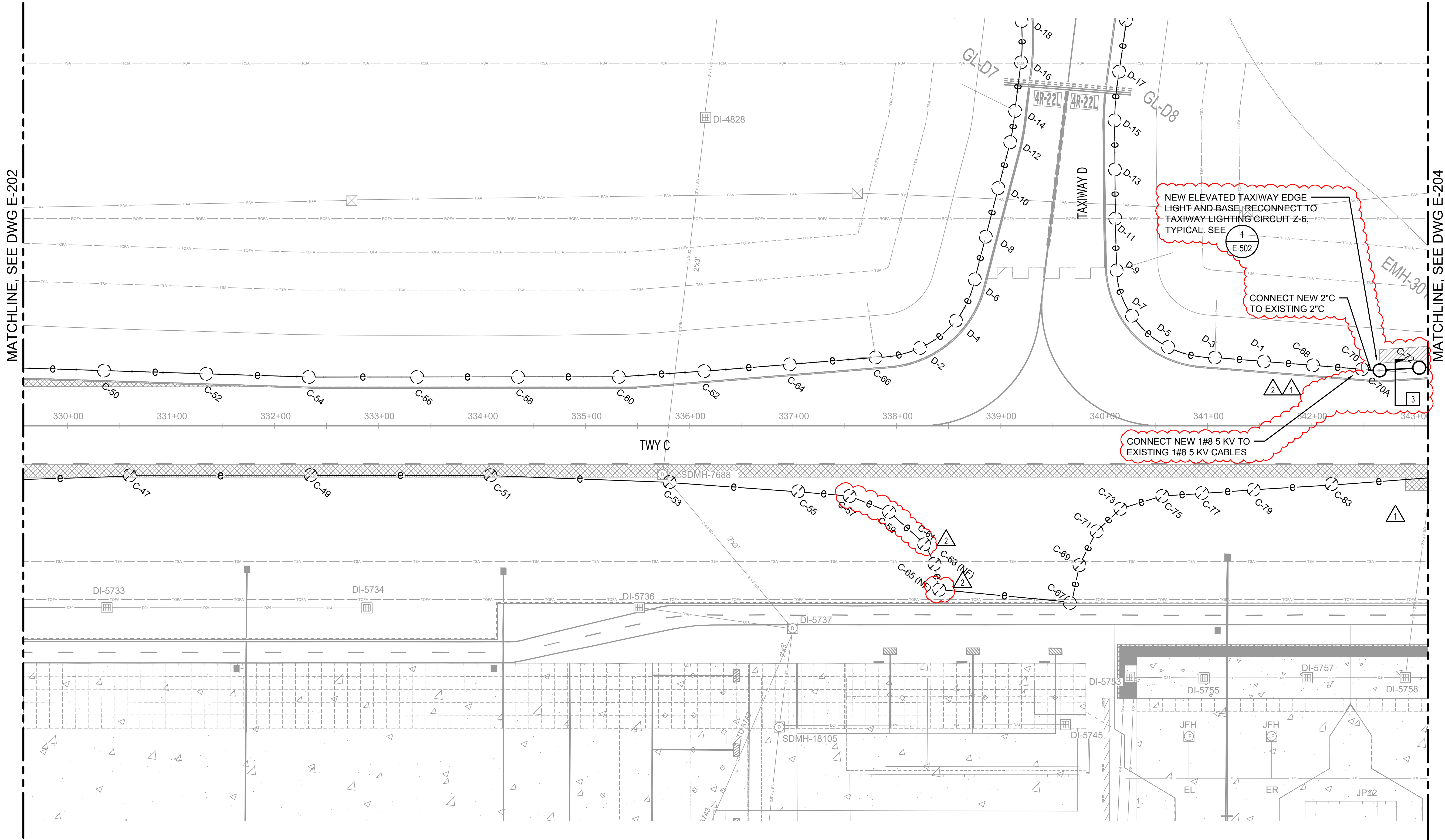
GRAPHIC SCALES:



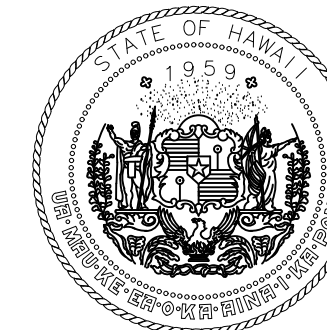
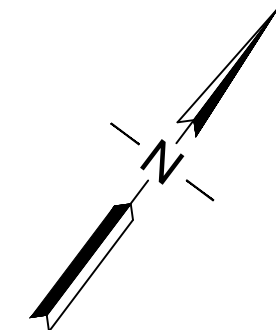
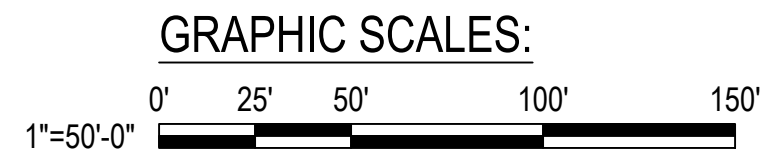
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1 NEW ELECTRICAL SITE PLAN - 2
E-202 SCALE: 1" = 50'

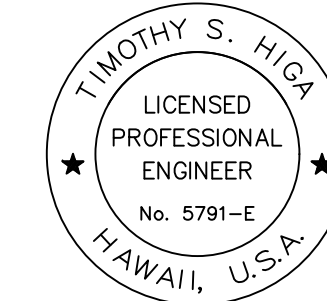
3/23/2026 8:31 AM P:\HON\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWGS\IE201.DWG



1 NEW ELECTRICAL SITE PLAN - 3
E-203 SCALE: 1" = 50'



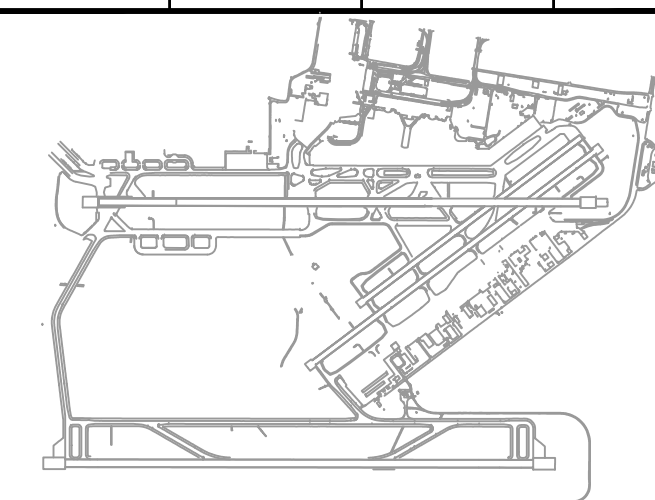
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Timothy S. Higa
04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

**NEW ELECTRICAL SITE
PLAN - 3**

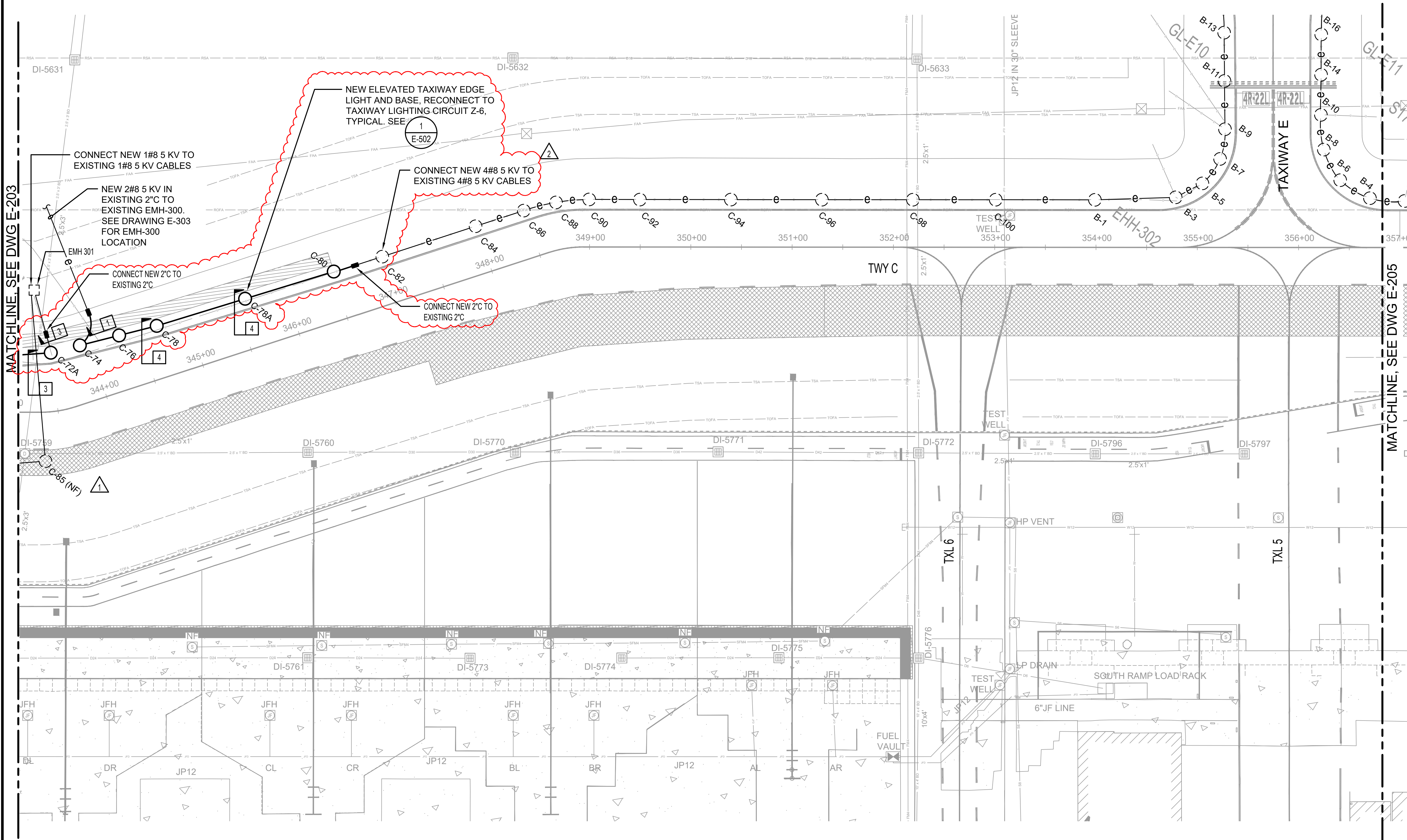
DATE :
01/2026
SHEET :

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DWG. NO.

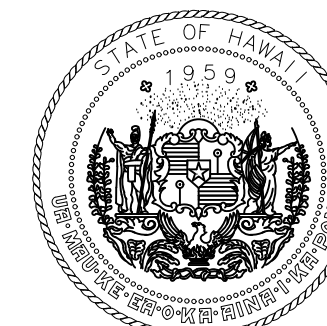
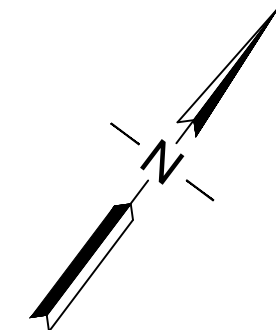
E-203

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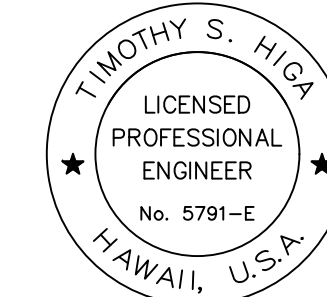


1 NEW ELECTRICAL SITE PLAN - 4
E-204 SCALE: 1" = 50'

GRAPHIC SCALES:
0' 25' 50' 100' 150'
1"=50'-0"



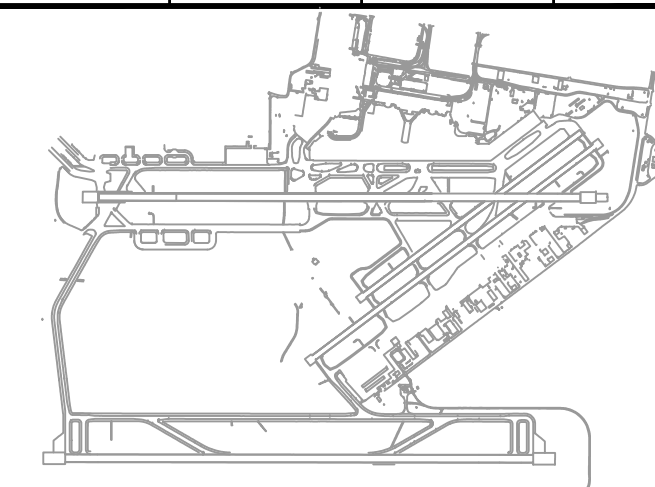
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Timothy S. Higa
04/30/2026
Licensed Expiration Date

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DSGN.	DRWN.	CHKD.	APPD.
TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

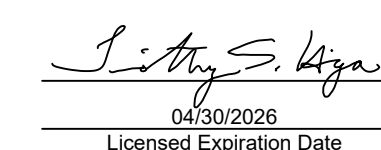
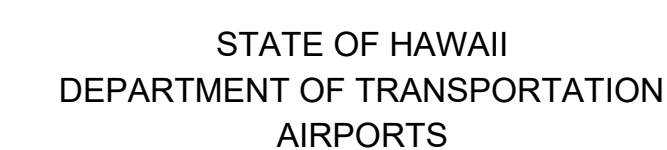
SHEET TITLE:

**NEW ELECTRICAL SITE
PLAN - 4**

DATE :
01/2026
SHEET :
154 OF 171 SHEETS

DWG. NO.

E-204



This work was prepared by me or under my supervision.

Technical drawing of a mechanical assembly, likely a pump or motor component. The drawing shows a side view of the assembly, which includes a cylindrical body, a central shaft, and various mounting and support structures. Dimensions are indicated by numbers and lines, and the drawing is labeled with 'Fig. 1' and 'Fig. 2'.

CONSTRUCTION DOCUMENTS

JANUARY 2026

DATE

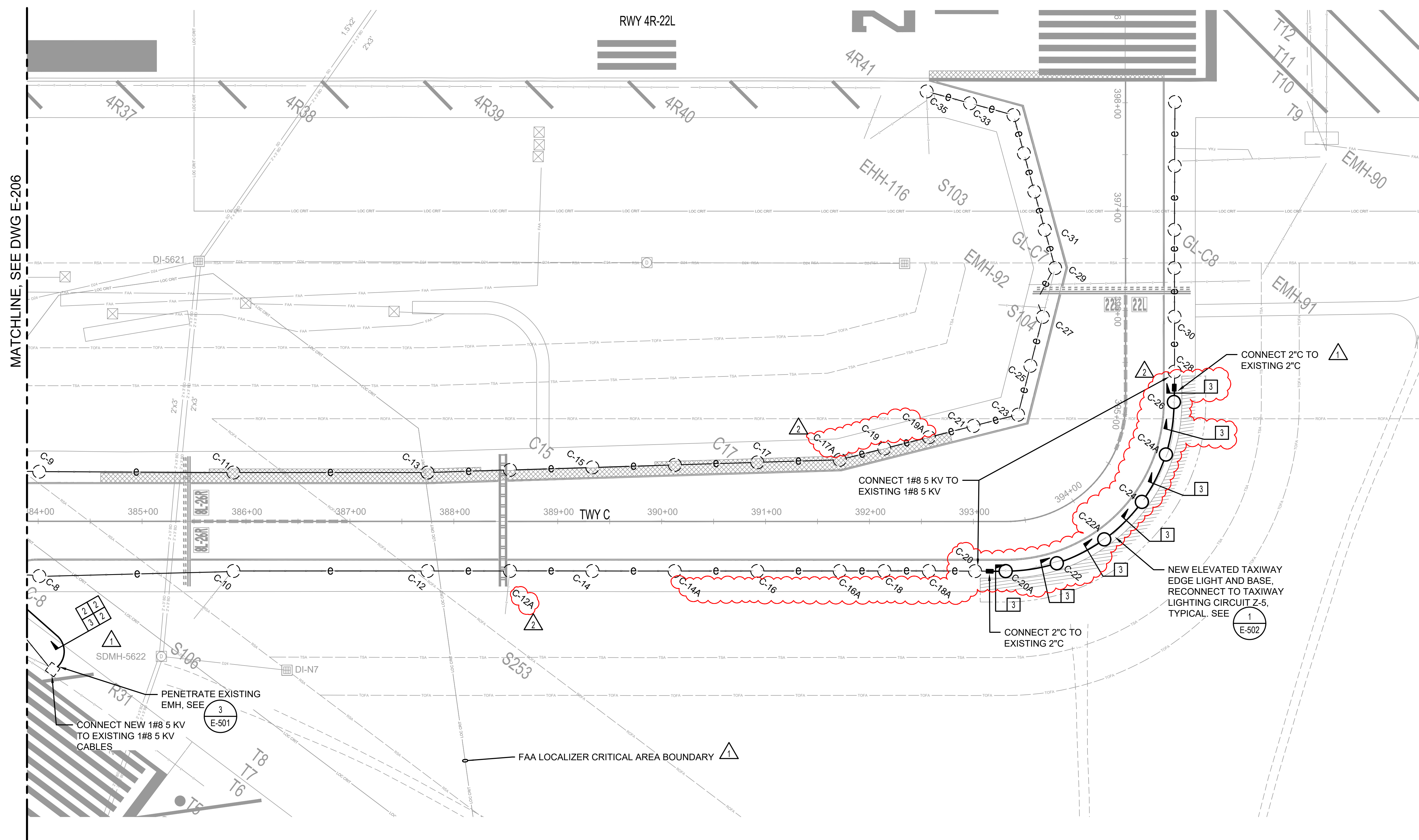
TAXIWAY C RECONSTRUCTION

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

AO1021-30

**NEW ELECTRICAL SITE
PLAN - 7**

DATE :	DWG. NO. E-207
01/2026	
SHEET :	
157 OF 171 SHEETS	

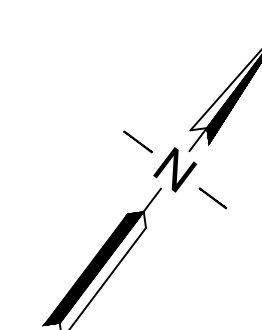
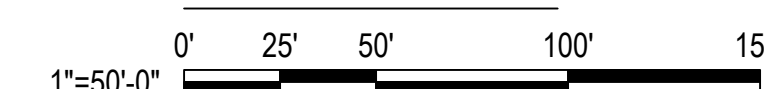


MATCHLINE, SEE DWG E-206

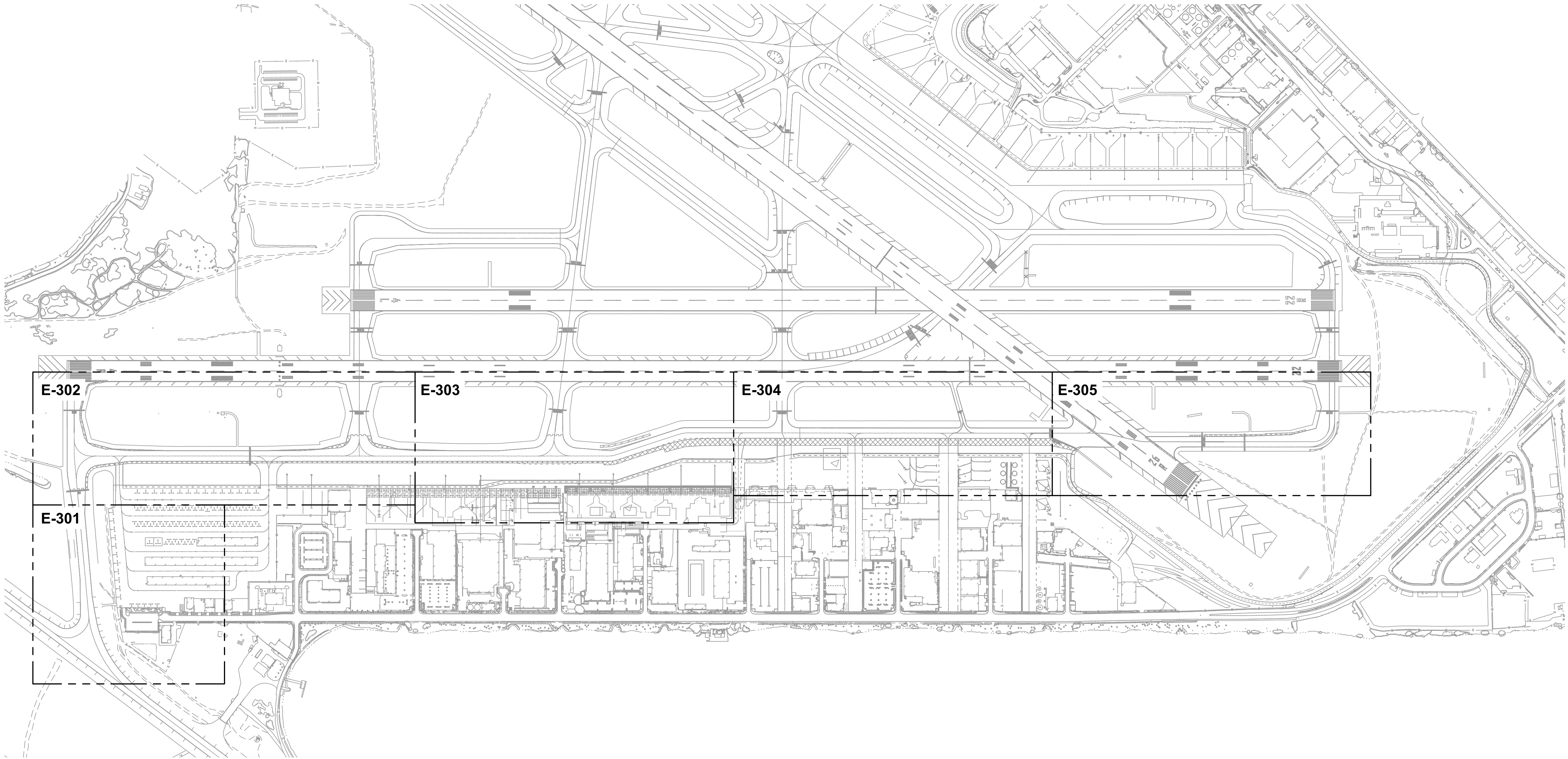
3/23/2026 8:31 AM P:\HONI\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWGS\IE\E201.DWG

1 NEW ELECTRICAL SITE PLAN - 7
E-207 SCALE: 1" = 50'

GRAPHIC SCALES:



3/9/2026 10:20 AM P:\HON\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWGS\IE300.DWG

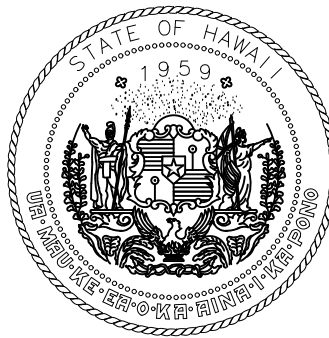
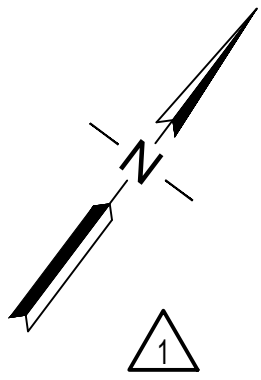
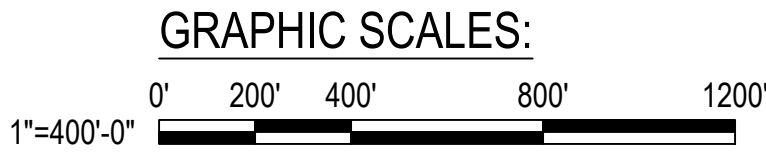


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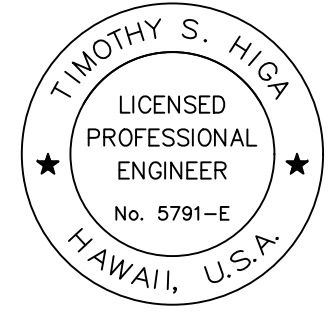
E-300

OVERALL TAXIWAY EXISTING CIRCUITING SITE PLAN

SCALE: 1" = 400'



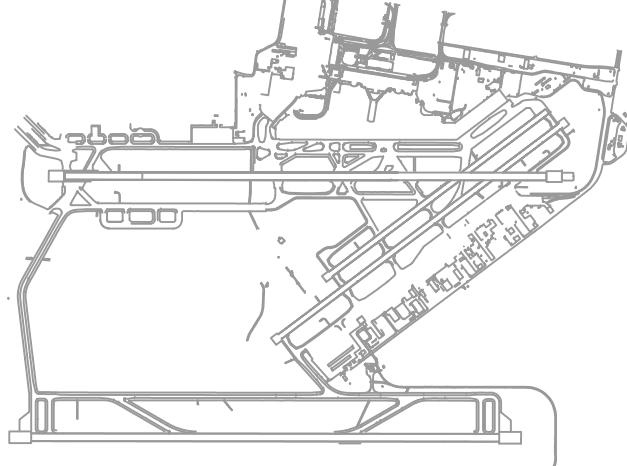
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



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04/30/2026
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TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

CONSTRUCTION
DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

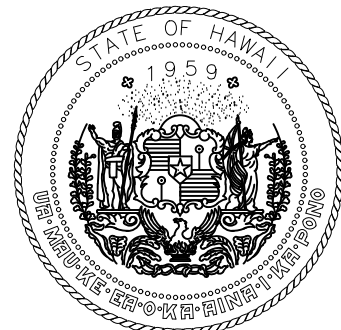
OVERALL TAXIWAY
EXISTING CIRCUITING
SITE PLAN

DATE :
01/2026
SHEET :
158 OF 171 SHEETS

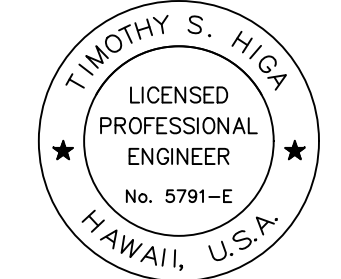
DWG. NO.

E-300

P:\HON\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWG\SE\E301.DWG



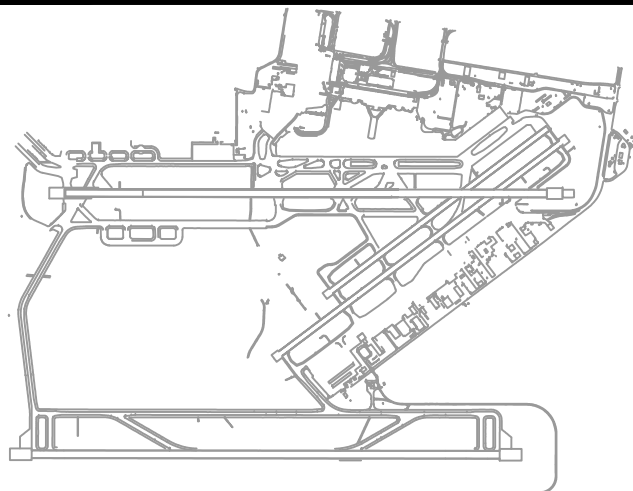
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**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

**TAXIWAY EXISTING
CIRCUITING SITE
PLAN - 1**

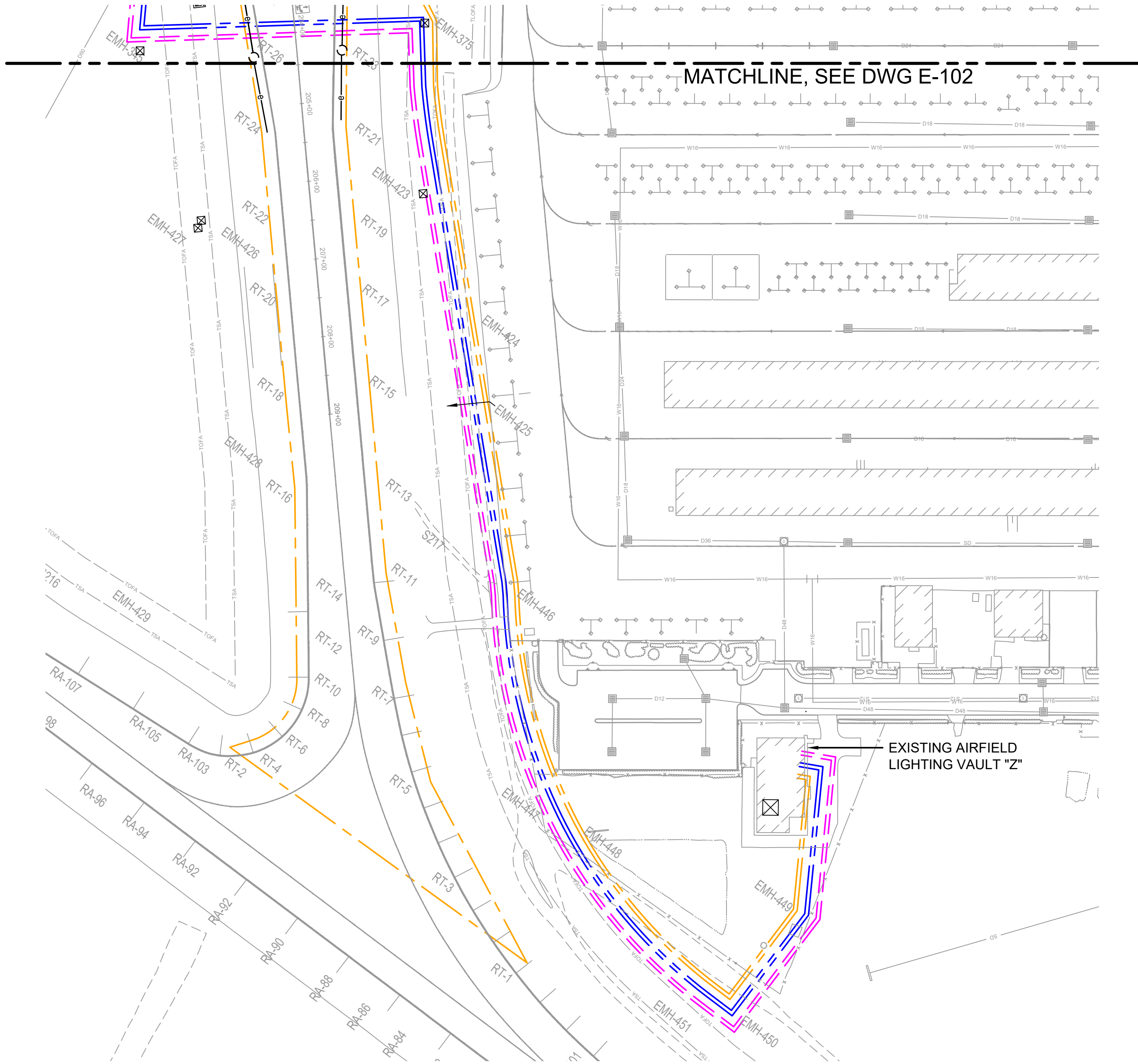
DATE :	DWG. NO.
01/2026	E-301
SHEET :	
159 OF 171 SHEETS	

LEGEND

SYMBOL	TAXIWAY LIGHTING CIRCUIT
	EXISTING CIRCUIT Z-4 CABLE, 1#8, 5 KV
	EXISTING CIRCUIT Z-5 CABLE, 1#8, 5 KV
	EXISTING CIRCUIT Z-6 CABLE, 1#8, 5 KV

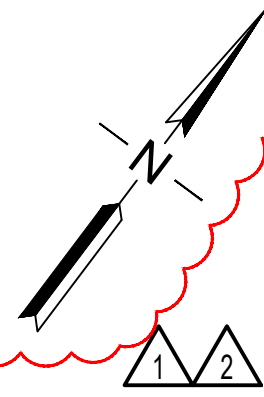
TAXIWAY CIRCUITING NOTES

- TAXIWAY CIRCUITING SITE PLANS ON DRAWINGS E-301 TO E-305 ARE INCLUDED TO PROVIDE INFORMATION ON EXISTING TAXIWAY LIGHTING CIRCUITING TO ASSIST THE CONTRACTOR IN PROVIDING THEIR FIELD INVESTIGATION PLAN AND ELECTRICAL WORK PLAN.
- INFORMATION SHOWN ON DRAWINGS E-301 TO E-305 SHALL BE FIELD VERIFIED.
- ELECTRICAL WORK PLAN SHALL BE PREPARED TO ACCOMMODATE THE CONSTRUCTION PHASING INDICATED ON THE G-SERIES DRAWINGS, CONSTRUCTION SCHEDULE REQUIRED BY SECTION 01300, PROGRESS SCHEDULES AND REPORTS.
- SEE ELECTRICAL SPECIFICATION SECTION 16560, AIRFIELD LIGHTING SYSTEM FOR FIELD INVESTIGATION PLAN AND ELECTRICAL WORK PLAN SUBMITTAL REQUIREMENTS.
- TAXIWAY LIGHTING CIRCUIT CABLES ARE RUN IN DUCTS VIA TAXIWAY LIGHTS AND MANHHOLES. TAXIWAY CIRCUITING SITE PLANS SHOW TAXIWAY LIGHTING CABLES SCHEMATICALLY NEAR THE DUCTS, TAXIWAY LIGHTS AND MANHOLES THEY ARE RUN IN.
- TAXIWAY LIGHTING CIRCUITS ARE 6.6A SERIES CIRCUIT TYPE FED BY CONSTANT CURRENT REGULATORS IN VAULT "Z".

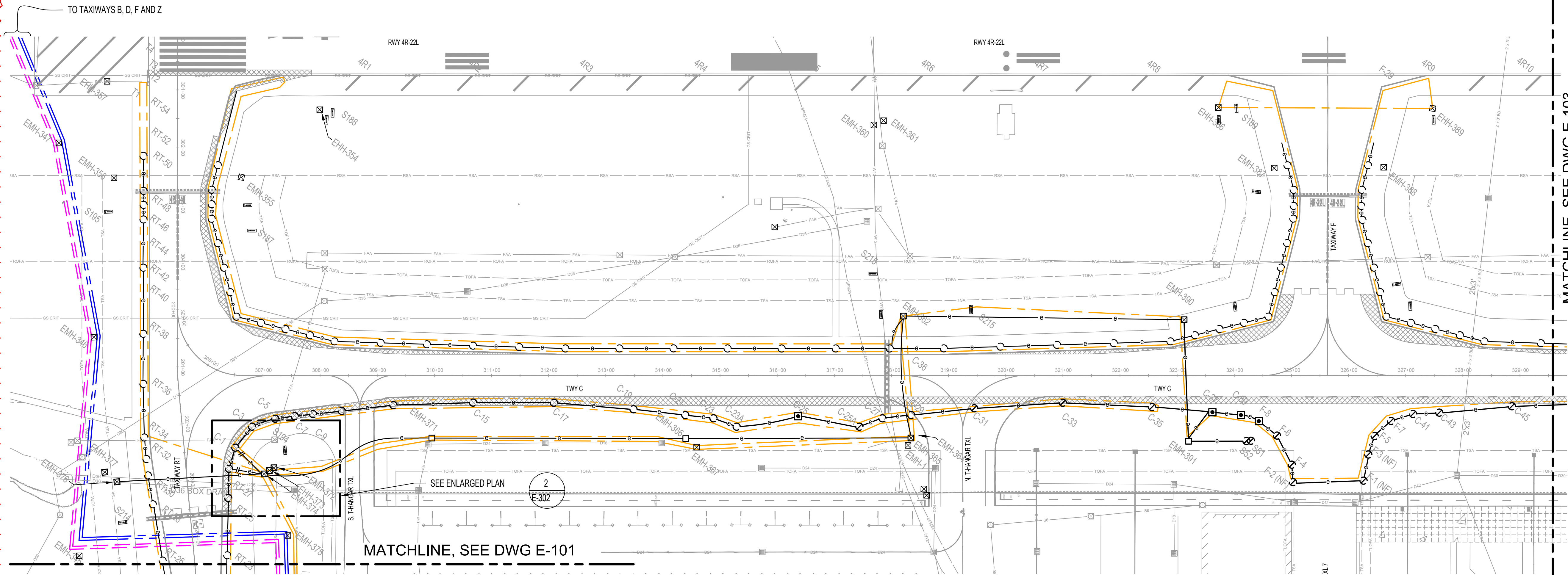


1 TAXIWAY EXISTING CIRCUITING SITE PLAN - 1
E-301 SCALE: 1" = 100'

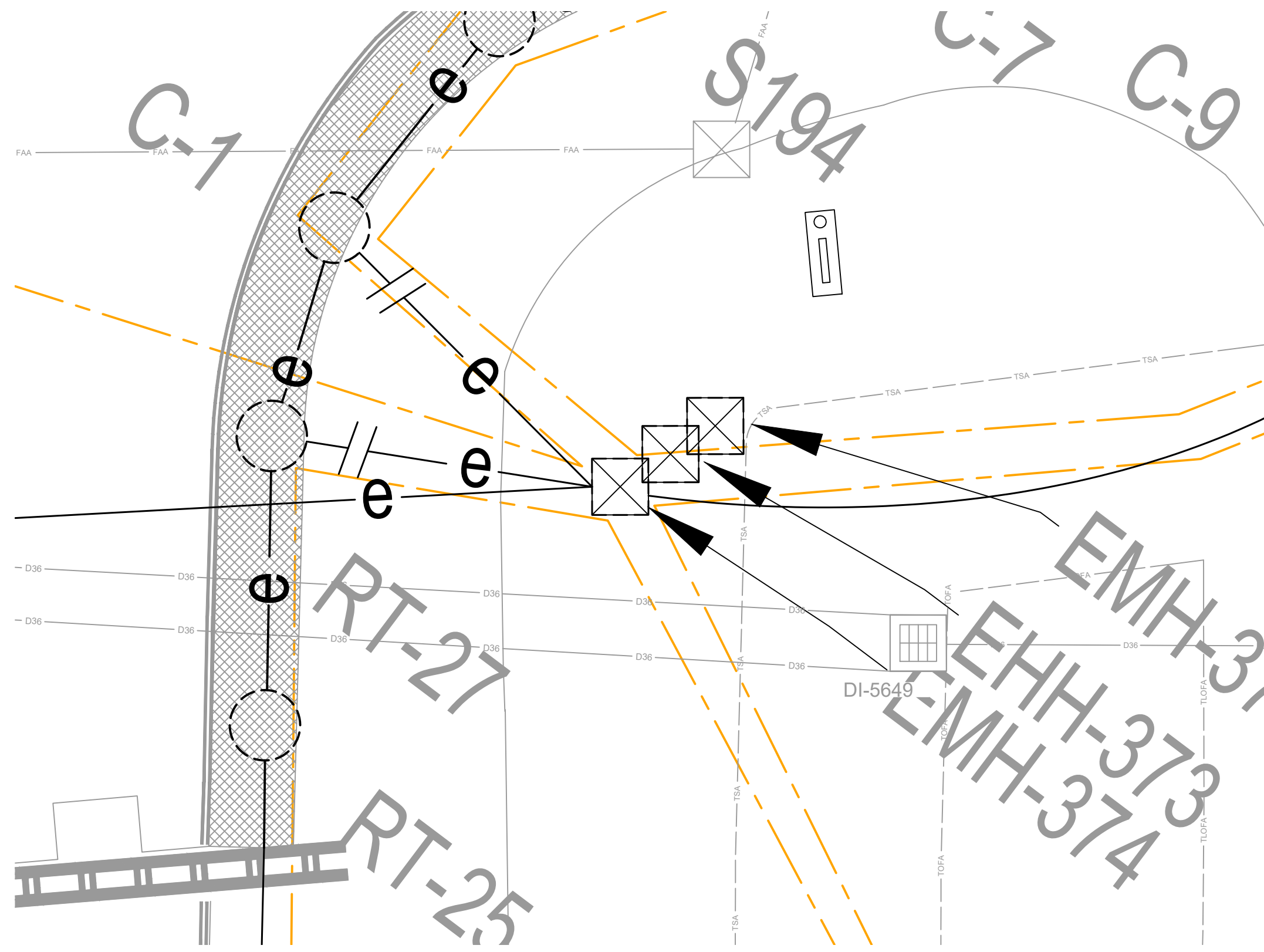
1" = 100'-0"



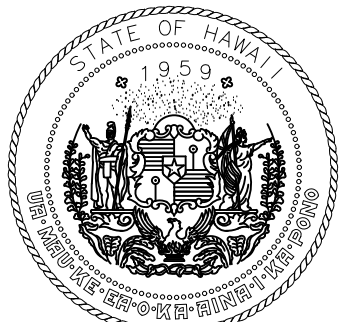
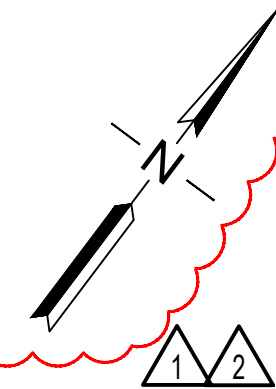
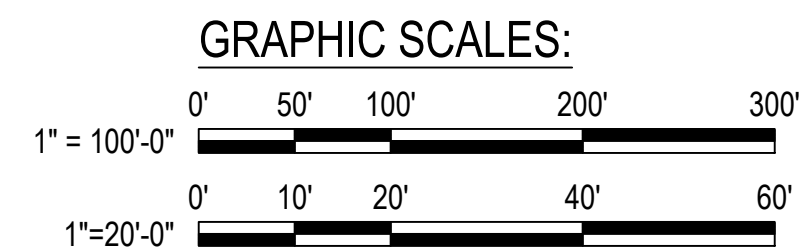
P:\HON25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWG\SE-E301.DWG



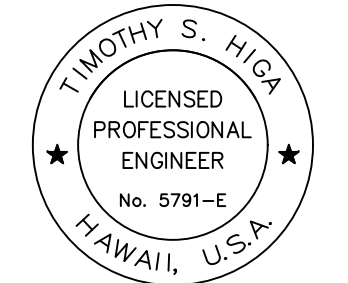
1 TAXIWAY EXISTING CIRCUITING SITE PLAN - 2
E-302 SCALE: 1" = 100'



2 TAXIWAY EXISTING CIRCUITING ENLARGED PLAN
E-302 SCALE: 1" = 20'



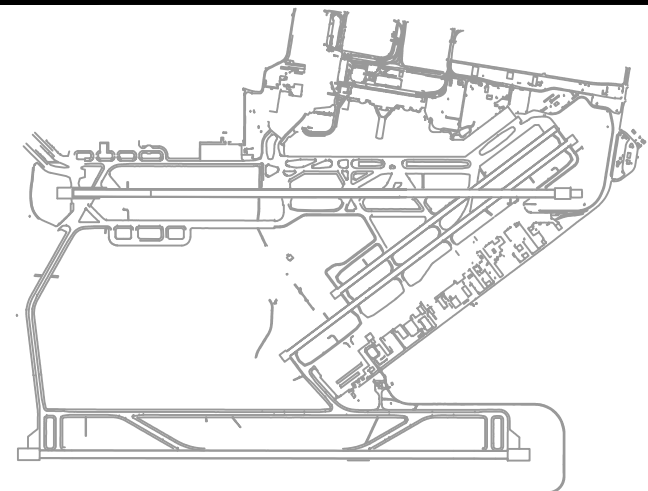
STATE OF HAWAII
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04/30/2026
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2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1
NO.	DATE	REVISIONS

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DOCUMENTS
JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

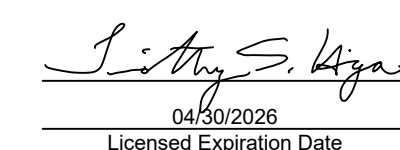
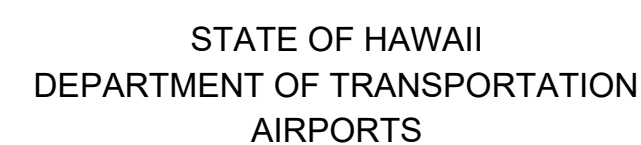
PROJECT NO.:

AO1021-30

SHEET TITLE:

TAXIWAY EXISTING
CIRCUITING SITE
PLAN - 2

DATE :	DWG. NO.
01/2026	E-302
SHEET :	
160 OF 171 SHEETS	



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Technical drawing of a mechanical assembly, likely a pump or engine component. The drawing shows a side view of the assembly, which includes a large cylindrical component on the left, a central shaft or piston rod, and a complex mechanism on the right. The mechanism on the right features several angled plates and a series of small, rectangular components arranged in a row. The entire assembly is mounted on a base. The drawing is a line drawing with no shading or color.

CONSTRUCTION DOCUMENTS

JANUARY 2026

DATE

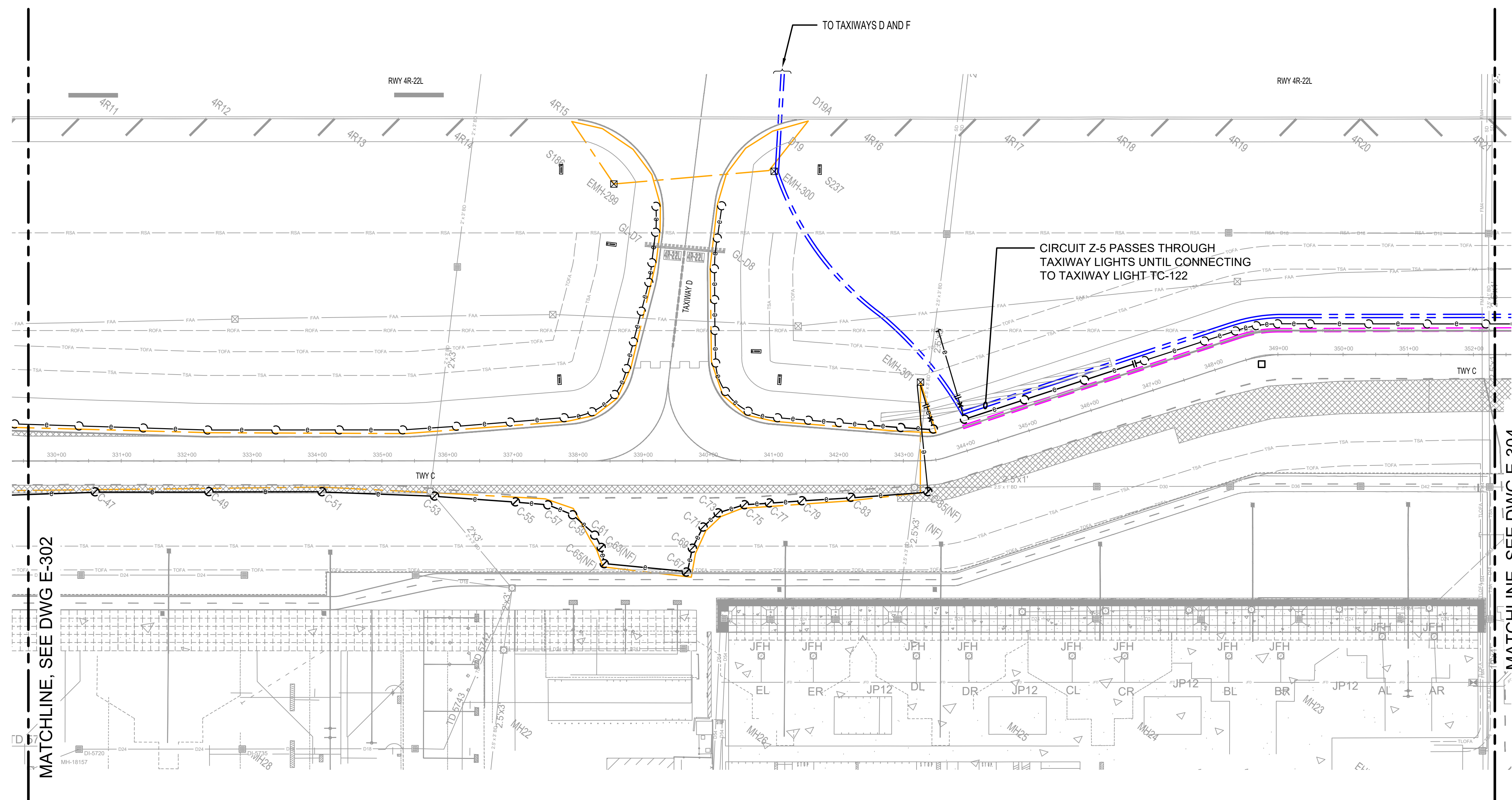
TAXIWAY C RECONSTRUCTION

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

AO1021-30

**TAXIWAY EXISTING
CIRCUITING SITE
PLAN - 3**

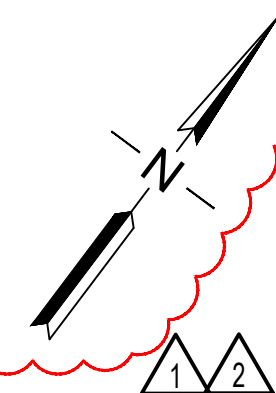
DATE :	DWG. NO.
01/2026	E-303
SHEET :	
161 OF 171 SHEETS	



GRAPHIC SCALES:

0' 50' 100' 200' 300'

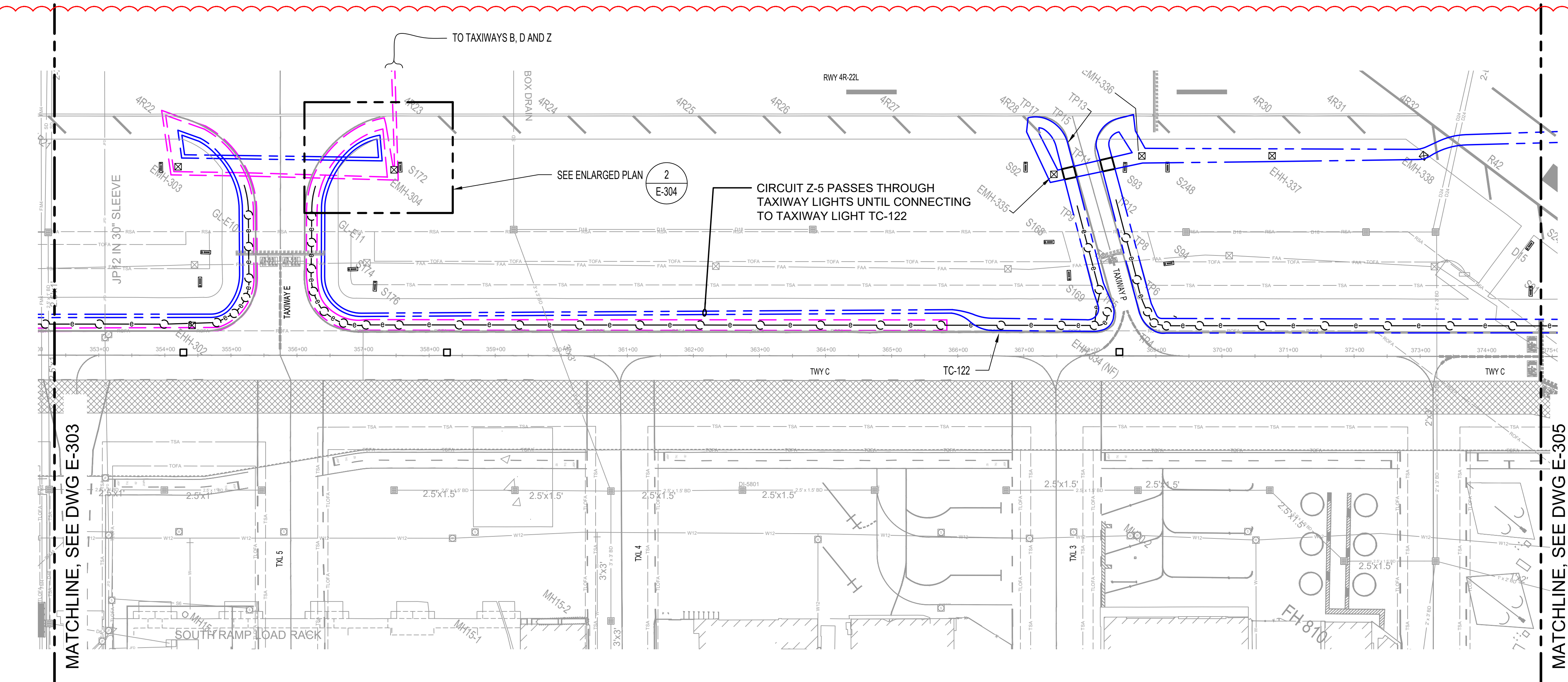
1" = 100'-0"



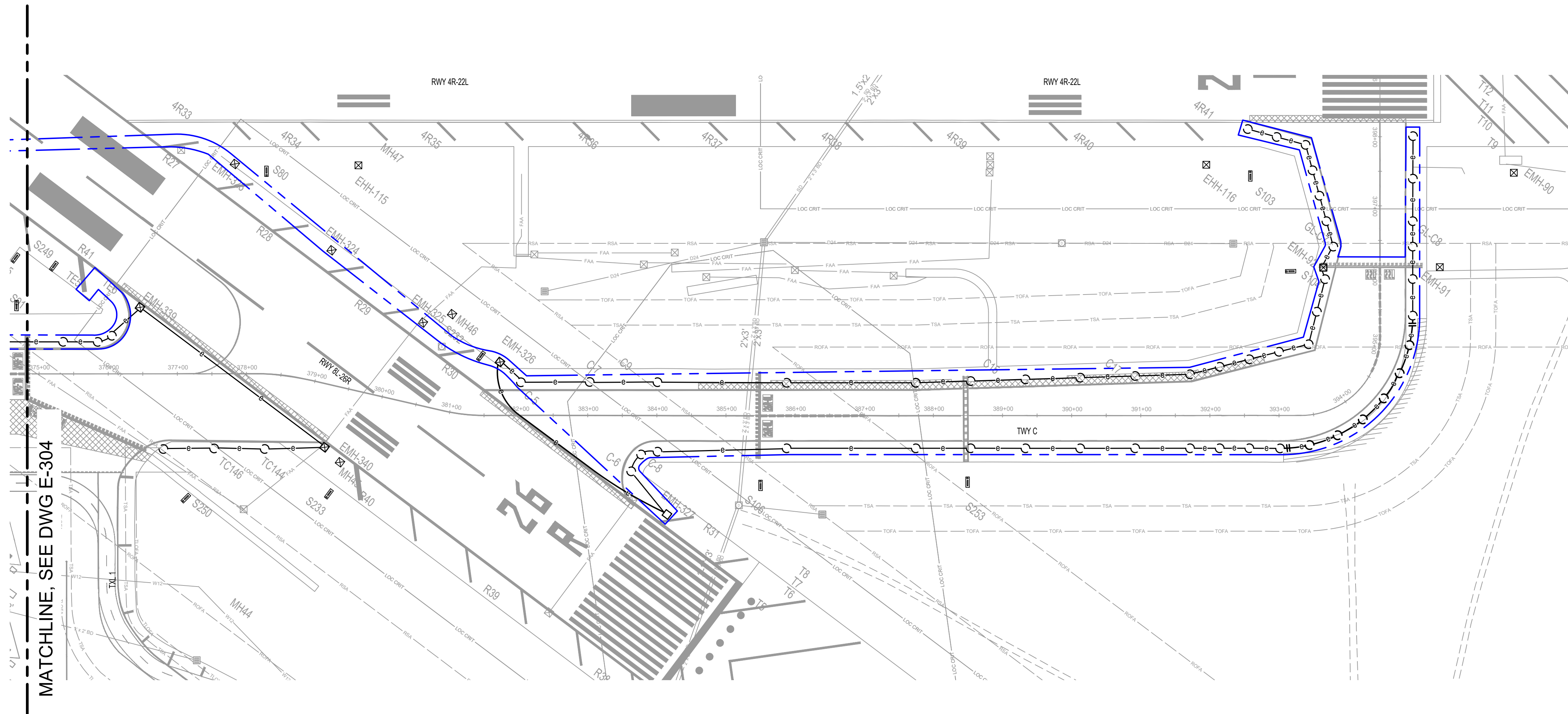
P:\HON\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWGS\EIE301.DWG

1 TAXIWAY EXISTING CIRCUITING SITE PLAN - 3
E-303 SCALE: 1" = 100'

P:\HON25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWG\SE\E301.DWG



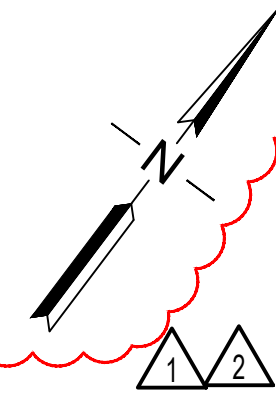
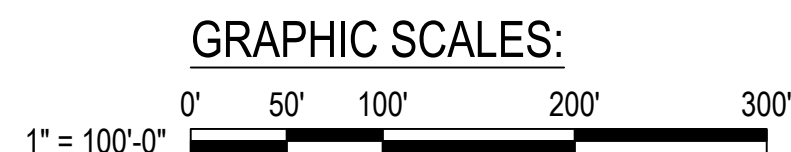
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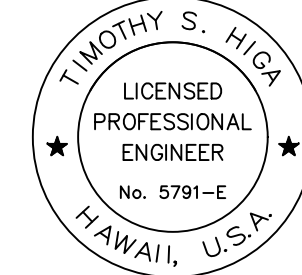
MATCHLINE, SEE DWG E-304

1
E-305

TAXIWAY EXISTING CIRCUITING SITE PLAN - 5
SCALE: 1" = 100'



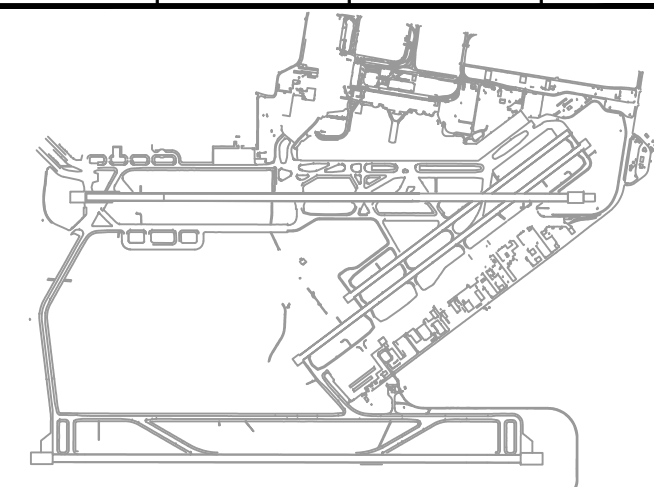
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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04/30/2026
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TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
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**CONSTRUCTION
DOCUMENTS**
JANUARY 2026
DATE

PROJECT TITLE :

**TAXIWAY C
RECONSTRUCTION**

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

PROJECT NO.:

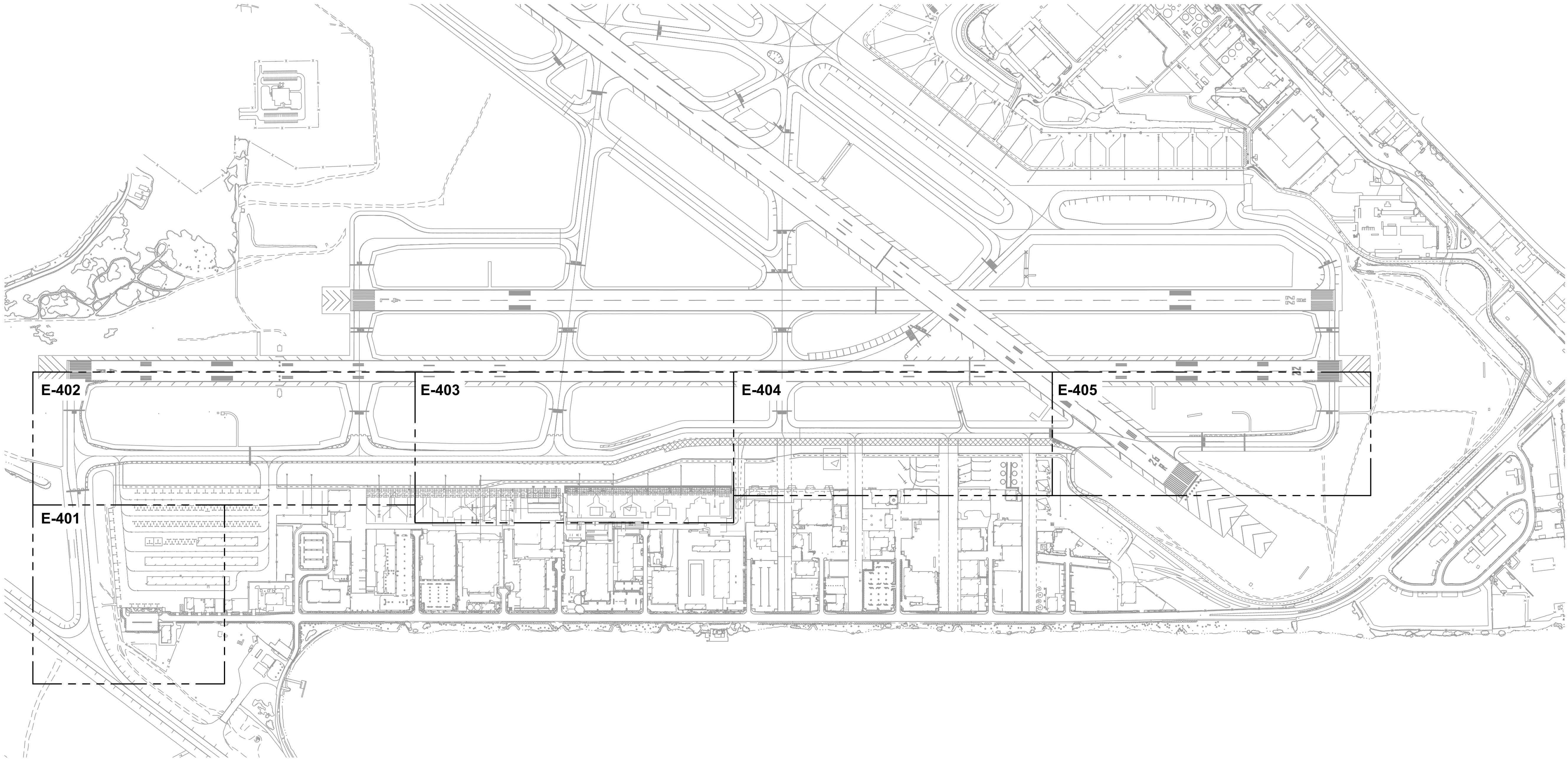
AO1021-30

SHEET TITLE:

**TAXIWAY EXISTING
CIRCUITING SITE
PLAN - 5**

DATE :	DWG. NO.
01/2026	E-305
SHEET :	
163 OF 171 SHEETS	

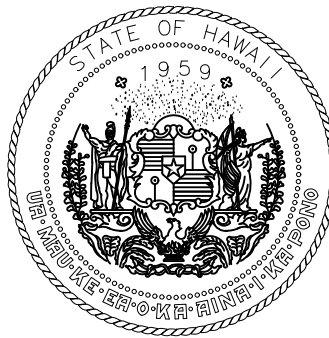
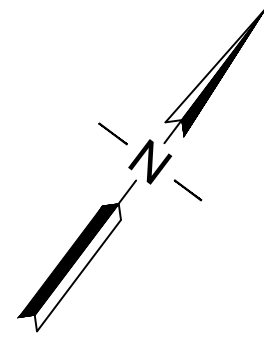
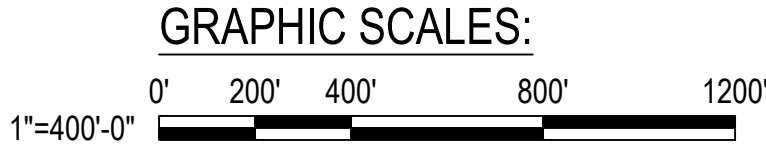
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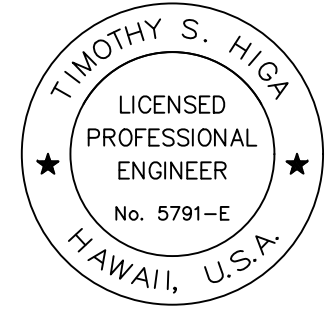
1
E-400

OVERALL TAXIWAY NEW CIRCUITING SITE PLAN

SCALE: 1" = 400'



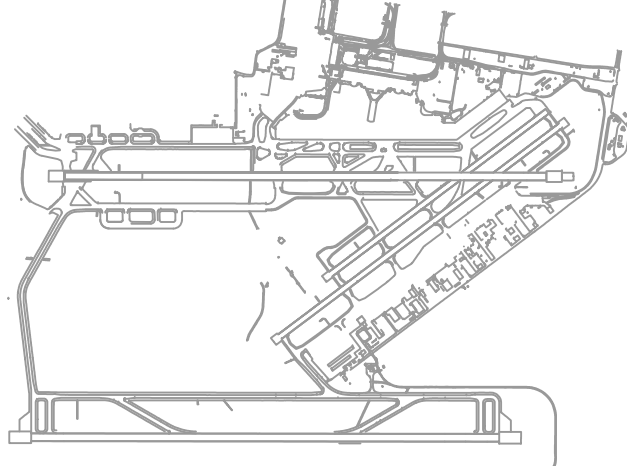
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TAXIWAY C
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AT
DANIEL K. INOUE INTERNATIONAL AIRPORT
HONOLULU, OAHU, HAWAII

PROJECT NO.:

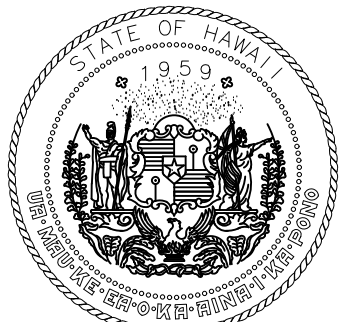
AO1021-30

SHEET TITLE:

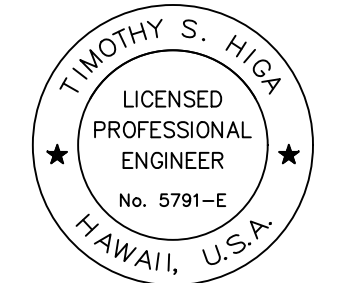
OVERALL TAXIWAY
NEW CIRCUITING SITE
PLAN

DATE :	DWG. NO.
01/2026	E-400
SHEET :	
165A OF 171 SHEETS	

P:\HON125\JOBS\1251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWG\SEIE401.DWG



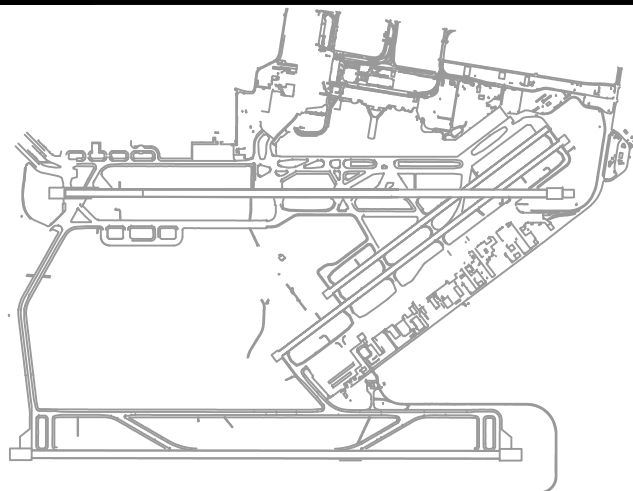
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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TH	OL	TH	TH



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**TAXIWAY C
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AT
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HONOLULU, OAHU, HAWAII

PROJECT NO.:

AO1021-30

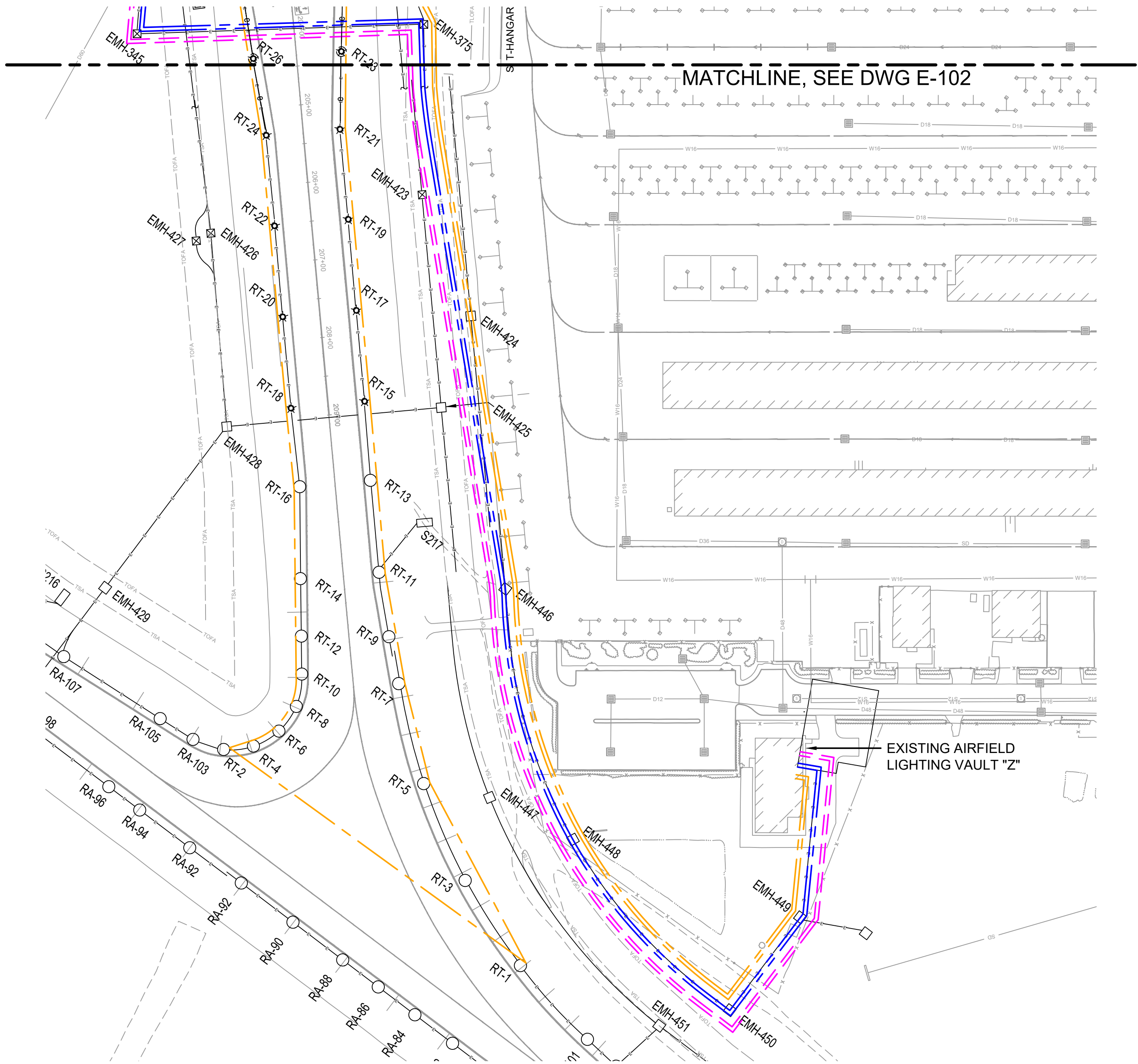
SHEET TITLE:

**TAXIWAY NEW
CIRCUITING SITE
PLAN - 1**

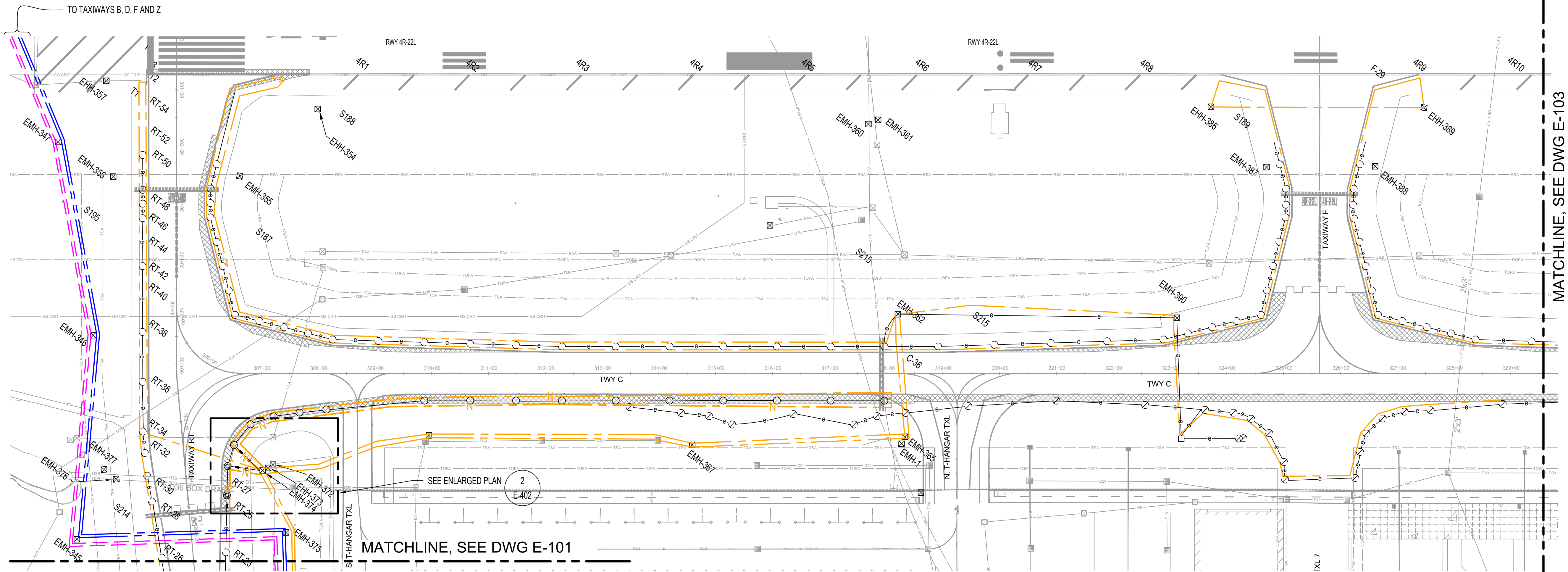
DATE :	DWG. NO.
01/2026	E-401
SHEET :	
165B OF 171 SHEETS	

LEGEND

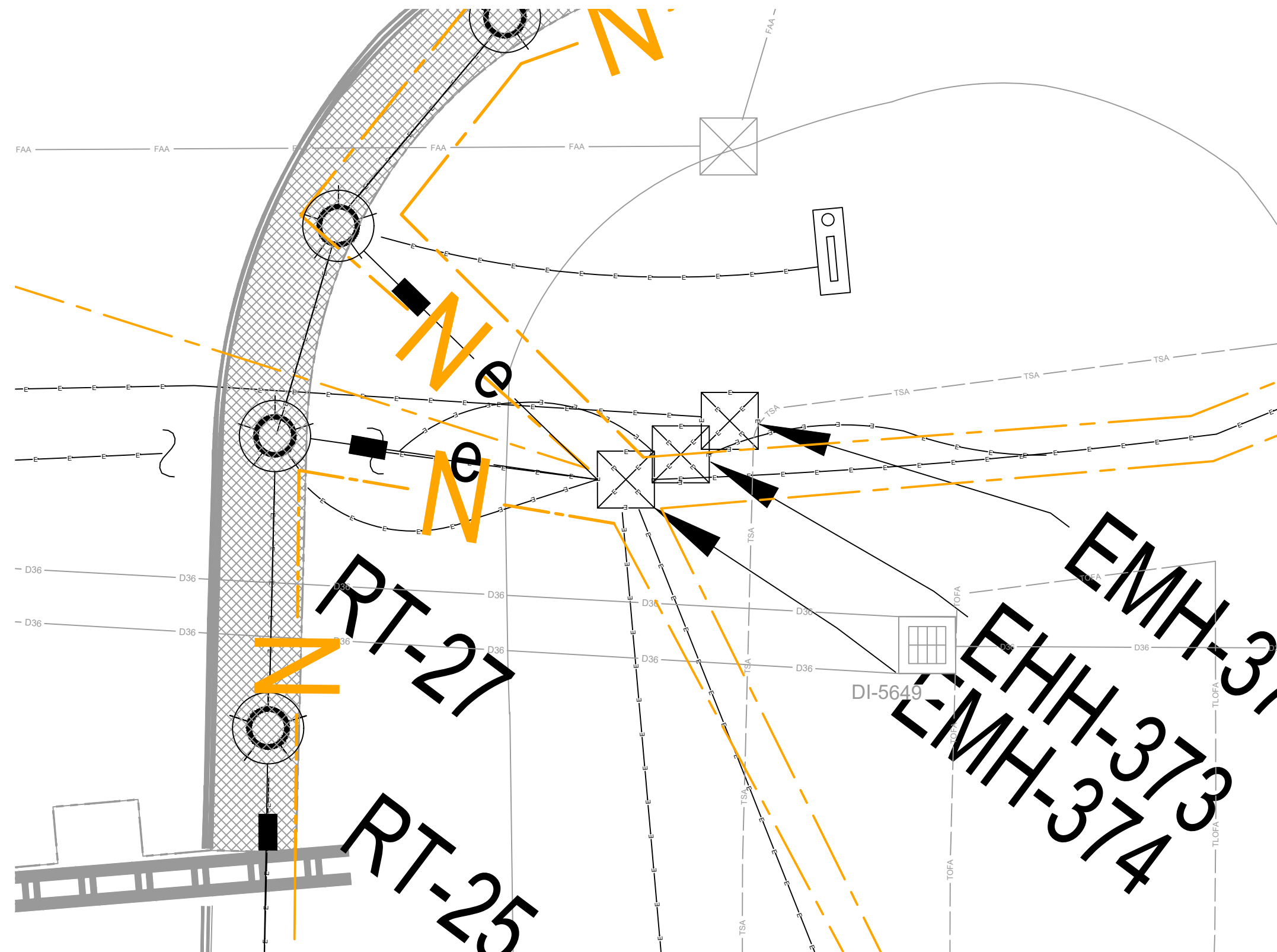
SYMBOL	TAXIWAY LIGHTING CIRCUIT
	EXISTING CIRCUIT Z-4 CABLE, 1#8, 5 KV
	EXISTING CIRCUIT Z-5 CABLE, 1#8, 5 KV
	EXISTING CIRCUIT Z-6 CABLE, 1#8, 5 KV
	NEW CIRCUIT Z-4 CABLE, 1#8, 5 KV
	NEW CIRCUIT Z-5 CABLE, 1#8, 5 KV
	NEW CIRCUIT Z-6 CABLE, 1#8, 5 KV



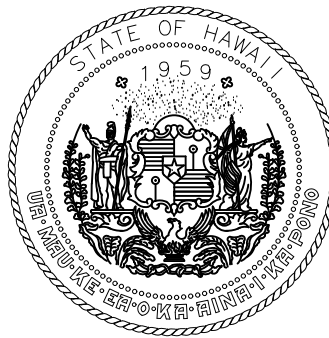
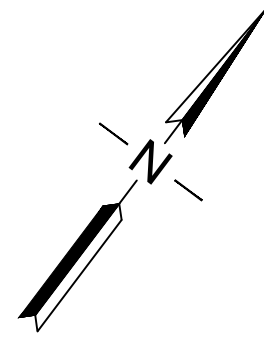
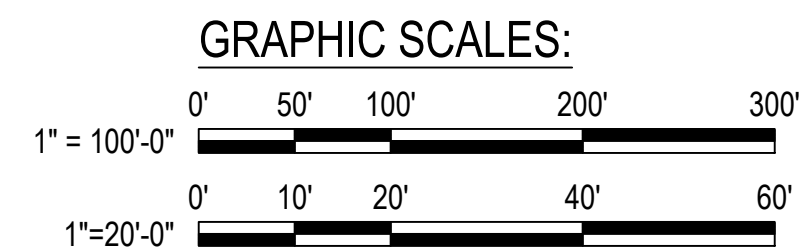
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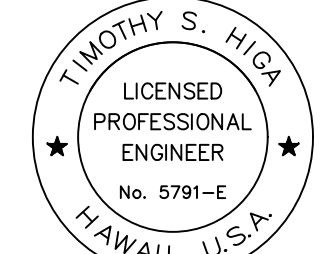
1 TAXIWAY NEW CIRCUITING SITE PLAN - 2
E-402 SCALE: 1" = 100'



2 TAXIWAY NEW CIRCUITING ENLARGED PLAN
E-402 SCALE: 1" = 20'



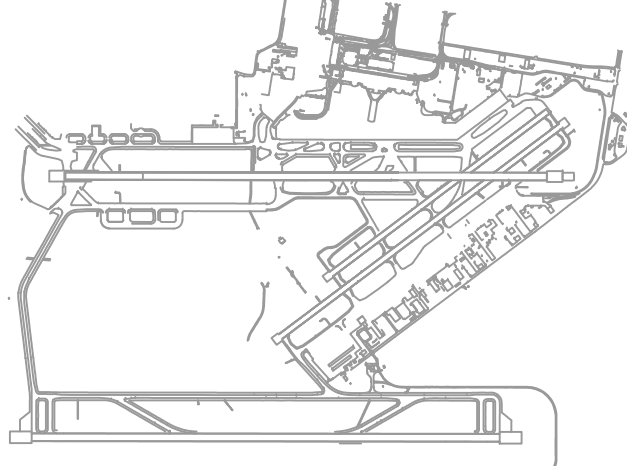
STATE OF HAWAII
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TH	OL	TH	TH



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

PROJECT NO.:

AO1021-30

SHEET TITLE:

TAXIWAY NEW
CIRCUITING SITE
PLAN - 2

DATE :

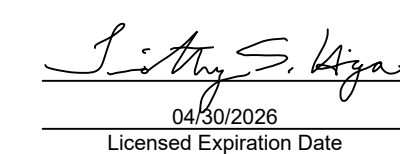
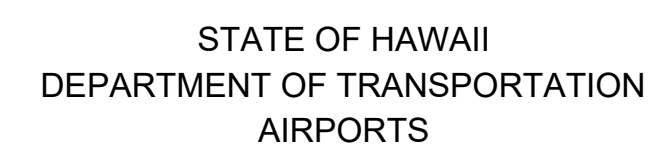
01/2026

SHEET :

165C OF 171 SHEETS

DWG. NO.

E-402



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Technical drawing of a mechanical assembly, likely a pump or motor component. The drawing shows a side view of the assembly, which includes a base, a central shaft, and various housing components. Dimensions are indicated by numbers and lines, such as 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The drawing is a technical illustration of a mechanical assembly, likely a pump or motor component. It shows a side view of the assembly, which includes a base, a central shaft, and various housing components. Dimensions are indicated by numbers and lines, such as 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000. The drawing is a technical illustration of a mechanical assembly, likely a pump or motor component. It shows a side view of the assembly, which includes a base, a central shaft, and various housing components. Dimensions are indicated by numbers and lines, such as 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000.

CONSTRUCTION DOCUMENTS

JANUARY 2026

DATE

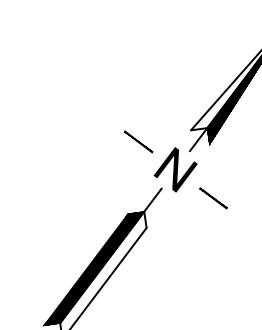
TAXIWAY C RECONSTRUCTION

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

AO1021-30

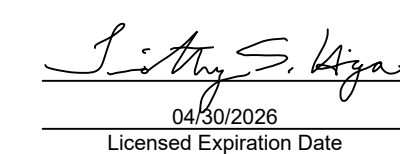
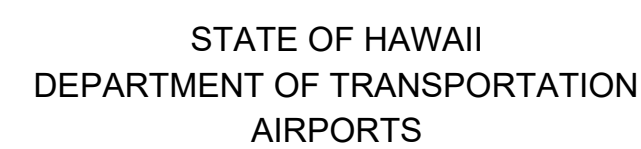
TAXIWAY NEW CIRCUITING SITE PLAN - 3

DATE :	DWG. NO.
01/2026	E-403
SHEET :	
165D OF 171 SHEETS	



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1 TAXIWAY NEW CIRCUITING SITE PLAN - 3
E-403 SCALE: 1" = 100'



This work was prepared by me or under my supervision.

CONSTRUCTION DOCUMENTS

JANUARY 2026

DATE

PROJECT TITLE :

TAXIWAY C RECONSTRUCTION

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

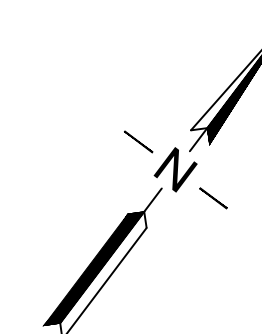
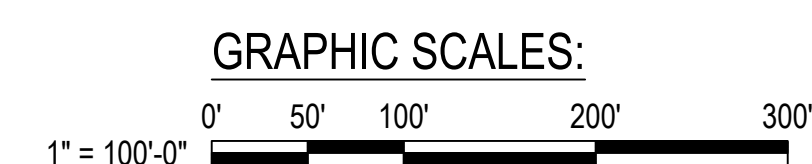
PROJECT NO.:

AO1021-30

SHEET TITLE:

**TAXIWAY NEW
CIRCUITING SITE
PLAN - 5**

DATE :	DWG. NO.
01/2026	 E-405
SHEET :	
165F OF 171 SHEETS	



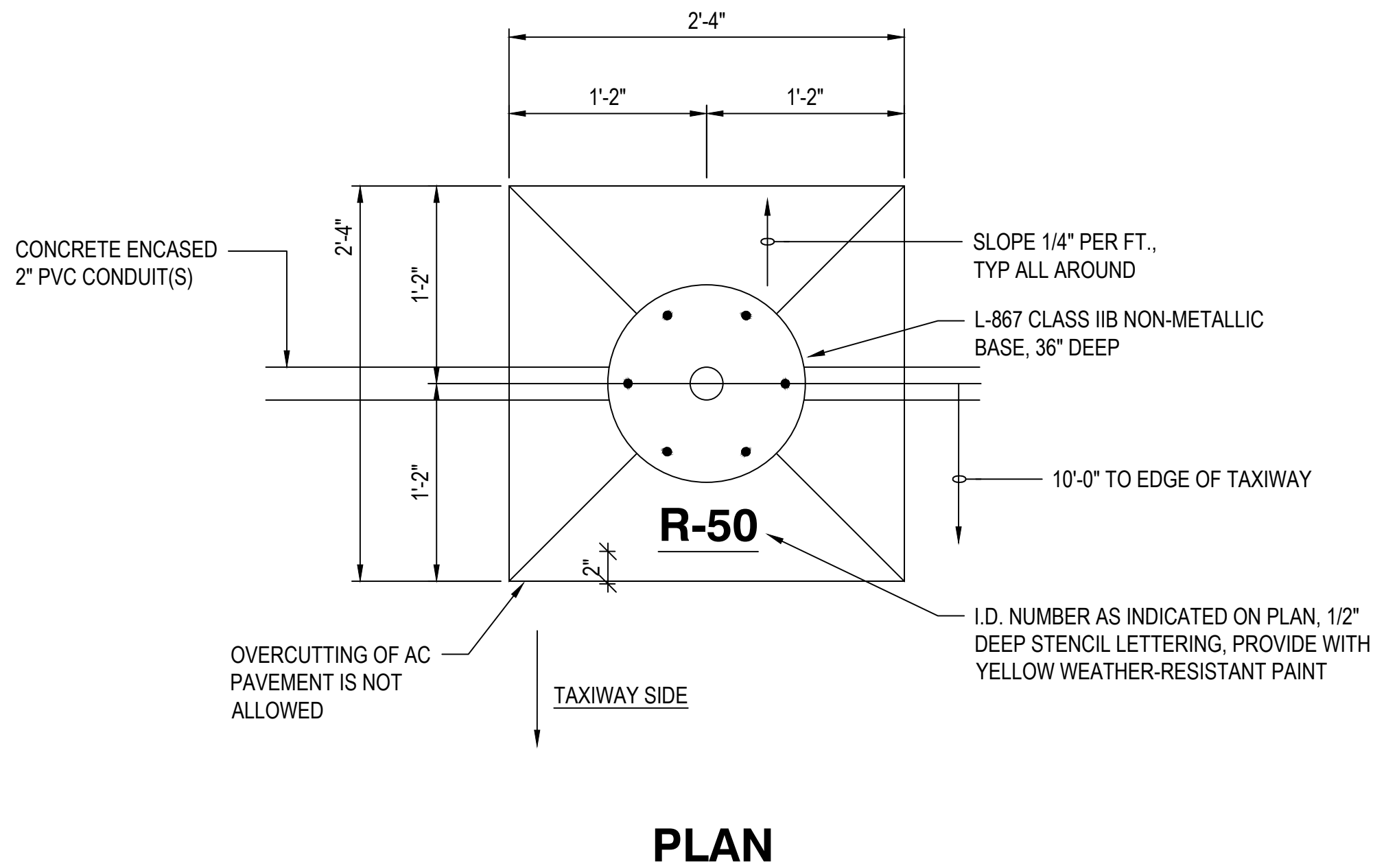
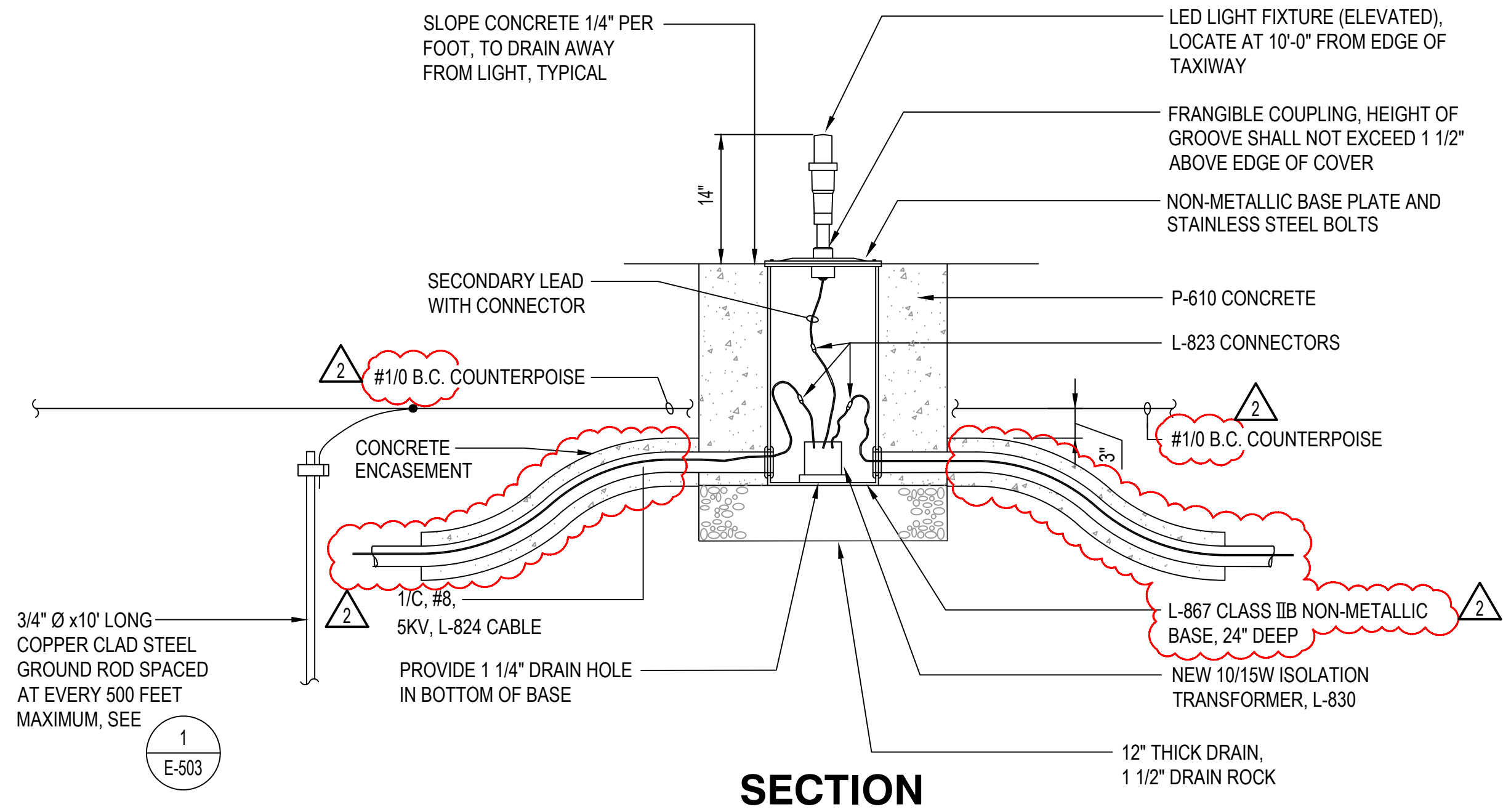
MATCHLINE, SEE DWG E-304

1 TAXIWAY NEW CIRCUITING SITE PLAN - 5

E-405 SCALE: 1" = 100'

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3/17/2026 3:47 PM P:\HON\25\JOBS\251899 HNL TAXIWAY C RECONSTRUCTION\0.0 DWGS\IE501.DWG



1 ELEVATED LED TAXIWAY LIGHT DETAILS
E-502 NOT TO SCALE

NEW FIXTURE SCHEDULE

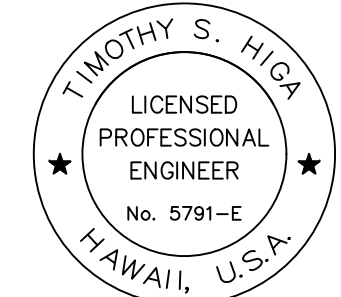
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L-861T	RT-27	E-201	LED	BLUE	10/15W	Z-4	52970.30	1665791.12
L-861T	C-1	E-201	LED	BLUE	10/15W	Z-4	53006.49	1665777.78
L-861T	C-3	E-201	LED	BLUE	10/15W	Z-4	53053.42	1665779.05
L-861T	C-5	E-201	LED	BLUE	10/15W	Z-4	53088.88	1665803.09
L-861T	C-7	E-201	LED	BLUE	10/15W	Z-4	53121.62	1665835.69
L-861T	C-9	E-201	LED	BLUE	10/15W	Z-4	53154.62	1665870.12
L-861T	C-11	E-201	LED	BLUE	10/15W	Z-4	53270.80	1665998.27
L-861T	C-13	E-201	LED	BLUE	10/15W	Z-4	53319.46	1666062.80
L-861T	C-15	E-201	LED	BLUE	10/15W	Z-4	53368.12	1666127.34
L-861T	C-17	E-201	LED	BLUE	10/15W	Z-4	53416.79	1666191.88
L-861T	C-19	E-201	LED	BLUE	10/15W	Z-4	53473.74	1666267.42
L-861T	C-21	E-201	LED	BLUE	10/15W	Z-4	53530.80	1666342.88
L-861T	C-23	E-201	LED	BLUE	10/15W	Z-4	53587.70	1666418.47
L-861T	C-25	E-201	LED	BLUE	10/15W	Z-4	53644.62	1666494.04
L-861T	C-27	E-202	LED	BLUE	10/15W	Z-4	53701.58	1666569.58
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L-861T	C-70A	E-203	LED	BLUE	10/15W	Z-4	55325.93	1668555.33
L-861T	C-72	E-203	LED	BLUE	10/15W	Z-4	55351.04	1668584.30
L-861T	C-72A	E-204	LED	BLUE	10/15W	Z-4	55376.39	1668613.40
L-861T	C-74	E-204	LED	BLUE	10/15W	Z-6	55399.44	1668631.96
L-861T	C-76	E-204	LED	BLUE	10/15W	Z-6	55430.66	1668657.03
L-861T	C-78	E-204	LED	BLUE	10/15W	Z-6	55460.52	1668680.94
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L-861T	C-80	E-204	LED	BLUE	10/15W	Z-6	55608.63	1668788.21
L-861T	C-20A	E-207	LED	BLUE	10/15W	Z-5	58355.84	1672574.60
L-861T	C-22	E-207	LED	BLUE	10/15W	Z-5	58391.55	1672609.35
L-861T	C-22A	E-207	LED	BLUE	10/15W	Z-5	58437.40	1672631.97
L-861T	C-24	E-207	LED	BLUE	10/15W	Z-5	58488.01	1672639.14
L-861T	C-24A	E-207	LED	BLUE	10/15W	Z-5	58538.34	1672630.13
L-861T	C-26	E-207	LED	BLUE	10/15W	Z-5	58583.31	1672605.88

FIXTURE SCHEDULE

SYMBOL	FAA SPEC	FIXTURE DESCRIPTION	LAMP DATA	COLOR
○	L-861T AC 150/5345-46E	ELEVATED TAXIWAY EDGE LIGHT, ENERGY-EFFICIENT, W/ NON-METALLIC BASE PLATE, STAINLESS STEEL HARDWARE, OMNI-DIRECTIONAL	LED 6.6A	BLUE



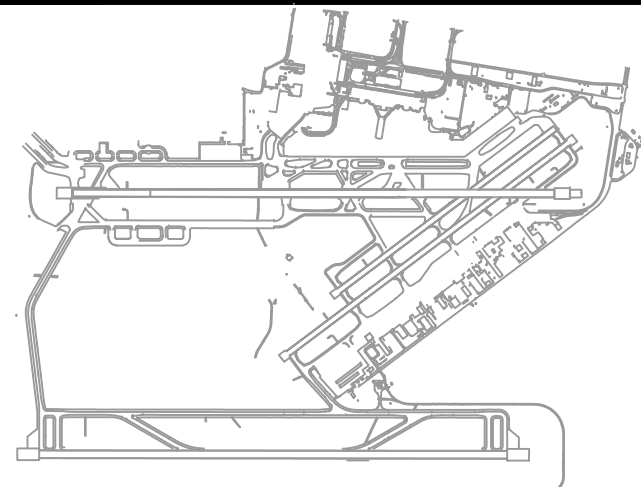
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS



Timothy S. Higa
04/30/2026
Licensed Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
TH	OL	TH	TH



2	03/30/26	ADDENDUM #2
1	03/12/26	ADDENDUM #1

NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS

JANUARY 2026
DATE

PROJECT TITLE :

TAXIWAY C
RECONSTRUCTION

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

PROJECT NO.:

AO1021-30

SHEET TITLE:

TAXIWAY EDGE LIGHT
DETAILS

DATE :

01/2026

SHEET :

167 OF 171 SHEETS

DWG. NO.

E-502

**Questions for solicitation: B26001663 AO1021-30 TAXIWAY C
RECONSTRUCTION
03/19/2026**

100. How will the clearing & grubbing quantities for the stockpile areas on Plan Sheet G-020 be paid for? Bid Item 02151.1 Clearing & Grubbing proposal quantity is only 300 SY which only covers the taxiway shoulder work. Please advise.

Stockpile clearing and grubbing will be incidental to Section 02152.3, Performing Exported Fill Determination Process on Stockpiled Excavation Material. Refer to revised Specification Section 02152, Excavation Subgrade and Embankment re-issued in Addendum #2.

101. Where is Item 02101.8 Pavement Marking Mill & Grind work located on the plans? The plans mainly call for Item 02101.7 Obliteration or Item 02101.6 Blackout. Please advise since this scope is not shown on the plans.

Item 02101.8 will occur during Phase 4.3. See revised Specification Section 02101, along with revised Plans G-028 and G-043 issued in Addendum #2.

102. Specifications for Bid Item 02608.1 Emulsified Asphalt Seal Coat call for an Emulsified Asphalt Rapid Cure Seal Coat P608R. There is a regular P608 Emulsified Asphalt Seal Coat specification. Is the bid item for rapid cure or not since the bid item does not state “rapid cure”?

Section 02608 specifies Emulsified Asphalt Seal Coat in accordance with FAA Item P-608R (Rapid Cure). The bid item description does not modify this requirement. Provide emulsified asphalt seal coat in accordance with P-608R.

103. For Bid Item 02608.1 Emulsified Asphalt Seal Coat: This P608 or P608R material is not available locally and is expensive to obtain. Requesting to substitute sealcoat material with Sealmaster PMM Plus Ultra which is available locally and cost effective.

Section 02608 requires emulsified asphalt seal coat in accordance with FAA Item P-608R. Substitution of materials is not permitted.

104. What wire size should be used for the dowel baskets (0.306 or 0.362)? This is in regards to the PCC pavement.

The minimum dowel basket wire diameter is 0.362 inches. See revised Typical Down Detail on Plan C-351 issued in Addendum #2.

105. Does the whole dowel basket need to be fully coated with epoxy or just the dowel bars?

Per Section 02501, epoxy coating is required for dowel bars. The section does not require epoxy coating for dowel basket assemblies.

106. Addendum 1 Q&A response 35, it does not appear that Environmental Site Assessment (ESA) Phase II documents entitled “Taxiway C Preliminary Soil and Groundwater Characterization Summary Report” were attached to the end of the Specifications Section 01562, Construction Environmental Hazard Management Plan. Please advise.

The original bid documents included the “Taxiway C Preliminary Soil and Groundwater Characterization Summary Report - DRAFT FINAL” version dated January 2026 as Attachment A to Section 01562.

107. Addendum 1 Q&A 43 response of Pre-construction 90 days, Construction 616 days, Close out 60 days, Total Duration 766 days does not match Plan Sheet G-018 Add. 1 which has 713 calendar days for construction. Is Q&A 43 response missing 97 days for Construction?

Some Phases listed on Plan G-018 are concurrent. Response to Addendum 1 RFI #43 is correct.

108. Electronic CAD file was not provided in Addendum #1 Q&A #2. Requesting the attachment again.

Electronic CAD file will be uploaded with Addendum #2.

109. Based on the low profile barricade locations and the shaded work areas shown on Sheets G-061 through G-066, it appears that there is about 10' to 30' of buffer area between the pavement work and the barricades for paving equipment, but there does not appear to be any overlap between the adjacent phases to construct the 10' transverse joints between the lifts per Section 02401 Para. 401-4.12 and Section 02403 Para. 403-4.11. To construct the transverse joints into the previous adjacent phase, given paving depths between 15" to 20" and the 1' longitudinal joint offset between lifts, about 70' to 110' of new pavement needs to go back into the previously paved adjacent phase plus another 20' buffer/working area for the paving equipment. Please advise if there is enough pavement overlap between all phases to allow for construction of the transverse joints per the specs, factoring in the aircraft routes nearby.

Phasing boundaries may be adjusted to account for transverse joints, at the approval of the RPR. See revised Plan G-018 issued in Addendum #2.

110. Referring to Add. 1 Q&A 55: "The PVT Landfill has daytime operating hours. Please confirm whether the contractor is permitted to haul material from the airport to the landfill during daytime hours. Stockpile testing and off-hauling activities are not authorized outside of the allowable work hours." Requesting to change to daytime haul out to PVT landfill since PVT landfill has NEVER opened at night.

Day time hauling can be allowed from stockpile sites 2 and 3, only. Contractor shall comply with any additional requirements imposed from updates to the CSPP stemming from the change in hauling hours.

111. Proposal items 02152.5, 02152.6 and 02152.7 are paid by the CY. Disposal facility cost payment is typically by the ton. Specification section 02152-12 Method of Measurement section says payment shall be made at the contract unit price per CY and shall be measured by the truckload as agreed to by the RPR. Please advise. Also, would the contractor have to topo before and after excavation?

Proposal items 02152.5, 02152.6, and 02152.7 will be paid by the CY. All stockpiles are to be 400 CY. If applicable, landfill measurement will need to be determined during construction.

The original topographic survey files will be issued to the Contractor per Section 02152 – 2.2. Contractor survey will be required for quantity computations per Section 02152 – 3.0.

112. Please confirm that Bid Items 02501.1 Portland Cement Concrete Pavement (18-inch Depth) = 5300 SY and 02306.1 Lean Concrete Base Course (5-inch Depth) = 5700 SY require a concrete slip form paver for placement of materials per the specifications.

Per Section 02501-4.2B(1) and (2) and Section 02306-4.2 and 4.3, Portland Cement Concrete Pavement and Lean Concrete Base Course may be placed using either slip-form or fixed-form methods. The specifications do not require slip-form paving for all placements.

Given the project's limited areas and irregular geometry, the selection of placement method is considered means and methods and is subject to acceptance by the RPR, provided all specification requirements are met.