

**LEGEND**

- RSA — RUNWAY SAFETY AREA
- ACTIVE AIRCRAFT ROUTES
- TEMPORARY PORTABLE JETBLAST DEFLECTOR
- LOW PROFILE BARRICADE
- TRAFFIC CONES
- CONTRACTOR HAUL ROUTE
- RUNWAY CLOSURE 'X'
- FLAGGER - WITH ATCT RADIO COMMUNICATION
- CLOSED CONSTRUCTION AREA
- CONTRACTOR STAGING AREA
- TEMPORARY EARTHWORK STOCKPILE
- EARTHWORK BORROW SITE
- COVER AIRFIELD SIGN
- COVER AIRFIELD LIGHT

**WORK TO BE PERFORMED:**

1. PLACE LOW-PROFILE BARRICADES, AIRFIELD SIGN & TAXIWAY EDGE LIGHT COVERS TO FACILITATE CLOSURE AREAS, REMOVE AFTER EACH WORK SHIFT
2. AIRFIELD ELECTRICAL REPLACEMENT ALONG TWY A, TWY H AND APRON, REPLACE CIRCUITS, LIGHT CANS, FIXTURES, ISOLATION TRANSFORMER, CABLES AND AIRFIELD SIGNS.
3. CONTRACTOR SHALL INSTALL TEMPORARY JUMPER CABLES AS REQUIRED TO MAINTAIN AIRFIELD LIGHTING CIRCUITS

**PHASING NOTES:**

1. ONCE TASK IS STARTED, IT SHALL BE COMPLETED IN THE TOTAL GIVEN NUMBER OF CONTINUOUS CALENDAR DAYS
2. WORK WITHIN APRON AREA TO BE PERFORMED AS WORK-IN-PROGRESS

**SUB-PHASE 1K (NIGHTTIME) - ELECTRICAL - TWY A BETWEEN TWY D AND TWY G, TWY H & APRON**

**DURATION:** 7 CALENDAR NIGHTS  
CONCURRENT WITH PHASE 1  
**WORK SHIFT:** 2300 TO 0800 HST

**AIRFIELD OPERATIONS NOTAMS:**

- REFER TO DWG G1.01 FOR PHASE 1 NOTAMS
- TWY A CLOSED BETWEEN TWY D AND TWY G
- TWY H CLOSED
- AIRCRAFT TO TAXI ON RWY 3-21 TO BYPASS CONSTRUCTION
- ELECTRICAL REPLACEMENT ALONG EDGE OF APRON TO BE PERFORMED AS WORK-IN-PROGRESS

**NAVAID SHUTDOWNS / NOTAMS:**

- REFER TO DWG G1.01 FOR PHASE 1 NOTAMS

**SPECIAL INSTRUCTIONS FOR ATIS:**

- DEPARTING IFR AIRCRAFT FOR RWY 17-35 MUST HOLD AT GATE FOR RELEASE FROM HCF ON 134.0/319.2, 126.5/269.4 OR CALL HCF AT 808-840-6201
- ARRIVING IFR AIRCRAFT SHALL CANCEL FLIGHT PLAN WHEN CLEAR OF LANDING RUNWAY AND ALL TAXIWAYS

**AIRFIELD NON-STANDARD CONDITIONS:**

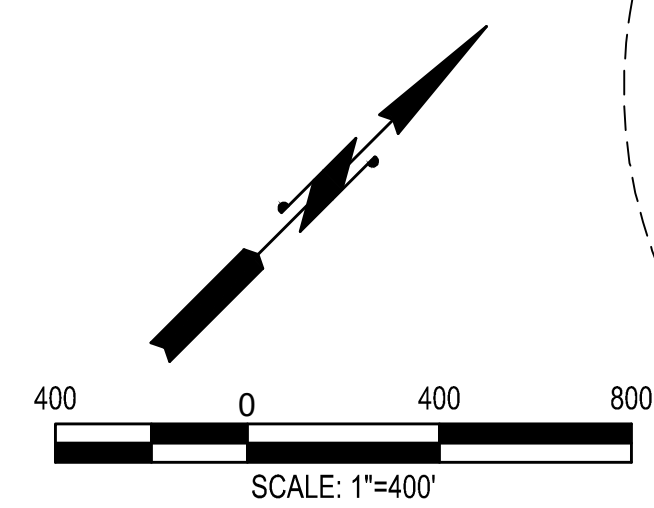
- REFER TO DWG G1.01 FOR PHASE 1 CONDITIONS

**AIRFIELD LIGHTING REPLACEMENT NOTES:**

1. THE CONTRACTOR SHALL PERFORM OPERATIONAL TESTING OF THE AIRFIELD LIGHTING SYSTEM AT LEAST 30 MINUTES PRIOR TO THE END OF EACH SHIFT TO ALLOW FOR TROUBLESHOOTING IN THE EVENT OF OPERATIONAL FAILURE.
2. THE CONTRACTOR SHALL PROVIDE TEMPORARY L-824 CABLES, AS NECESSARY, TO RE-ENERGIZE THE AIRFIELD ELECTRICAL SYSTEM IN THE EVENT COLLAPSED CONDUITS ARE ENCOUNTERED OR OTHER UNFORSEEN ISSUES THAT MAY PREVENT FULL RESTORATION AT THE END OF THE SHIFT. TEMPORARY L-824 CABLES SHALL BE INSTALLED WITHIN ABOVE GROUND RIGID GALVANIZED STEEL CONDUITS AND ANCHORED FROM JET BLAST.

DECLARED DISTANCES				
DISTANCE	RUNWAY 3	RUNWAY 21	RUNWAY 17	RUNWAY 35
ACCELERATED STOP DISTANCE AVAILABLE (ASDA)	6,500'	5,750' *	6,500'	6,500'
LANDING DISTANCE AVAILABLE (LDA)	0	5,545' *	6,500'	6,500'
TAKEOFF RUN AVAILABLE (TORA)	6,500'	6,000' *	6,500'	6,500'
TAKEOFF DISTANCE AVAILABLE (TODA)	6,500'	6,000' *	6,500'	6,500'

\* DECLARED DISTANCE REDUCED



*Duke Young* 4/30/24  
DUKE YOUNG, PE  
CIVIL ENGINEER

DSGN.	DRWN.	CHKD.	APPD.
HF	HT	JB	DY

**KEY PLAN / NOTES:**

NO.	DATE	REVISIONS
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**CONSTRUCTION DOCUMENTS**  
JULY 2022  
DATE

**PROJECT TITLE :**

**RELOCATE RUNWAY 3-21**  
AT  
LIHUE AIRPORT  
LIHUE, KAUAI, HAWAII

**PROJECT NO.:**

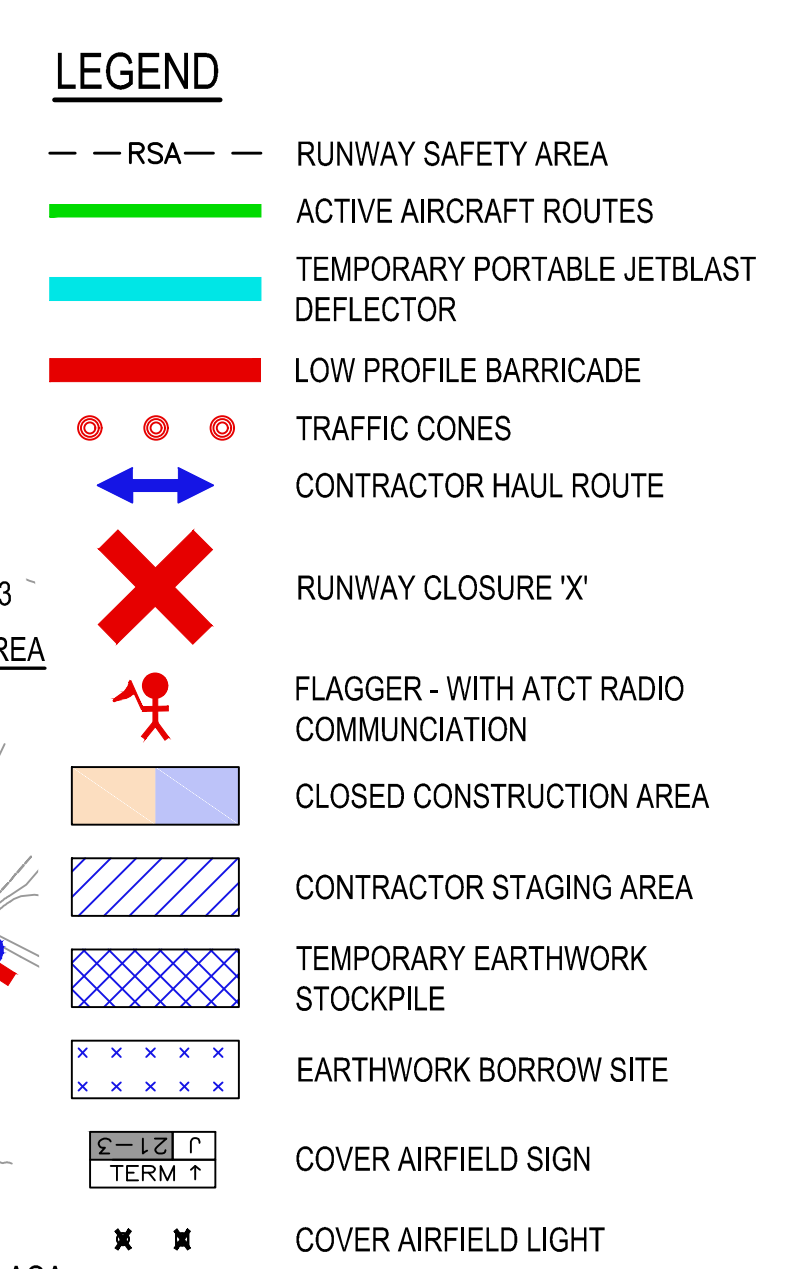
**AK1031-14**

**SHEET TITLE:**

**SUB-PHASE 1K (NIGHTTIME)**

DATE :	DWG. NO.
07/2022	G1.15
SHEET :	
43 OF 376 SHEETS	





1. ONCE TASK IS STARTED, IT SHALL BE COMPLETED IN THE TOTAL GIVEN NUMBER OF CONTINUOUS CALENDAR DAYS
2. ONLY ONE (1) CIRCUIT SHALL BE DE-ENERGIZED, REPLACED AND RE-ENERGIZED AT A TIME, UNLESS APPROVED IN ADVANCE
3. WORK WITHIN APRON AREA TO BE PERFORMED AS WORK-IN-PROGRESS

1. THE CONTRACTOR SHALL PERFORM OPERATIONAL TESTING OF THE AIRFIELD LIGHTING SYSTEM AT LEAST 30 MINUTES PRIOR TO THE END OF EACH SHIFT TO ALLOW FOR TROUBLESHOOTING IN THE EVENT OF OPERATIONAL FAILURE.
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- REFER TO DWG G1.01 FOR PHASE 1 CONDITIONS

DSGN.	DRWN.	CHKD.	APPD.
HF	HT	JB	DY

KEY PLAN / NOTES:				

NO.	DATE	REVISIONS

JULY 2022

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DATE

PROJECT TITLE :
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AT  
LIHUE AIRPORT  
LIHUE, KAUAI, HAWAII

PROJECT NO.:

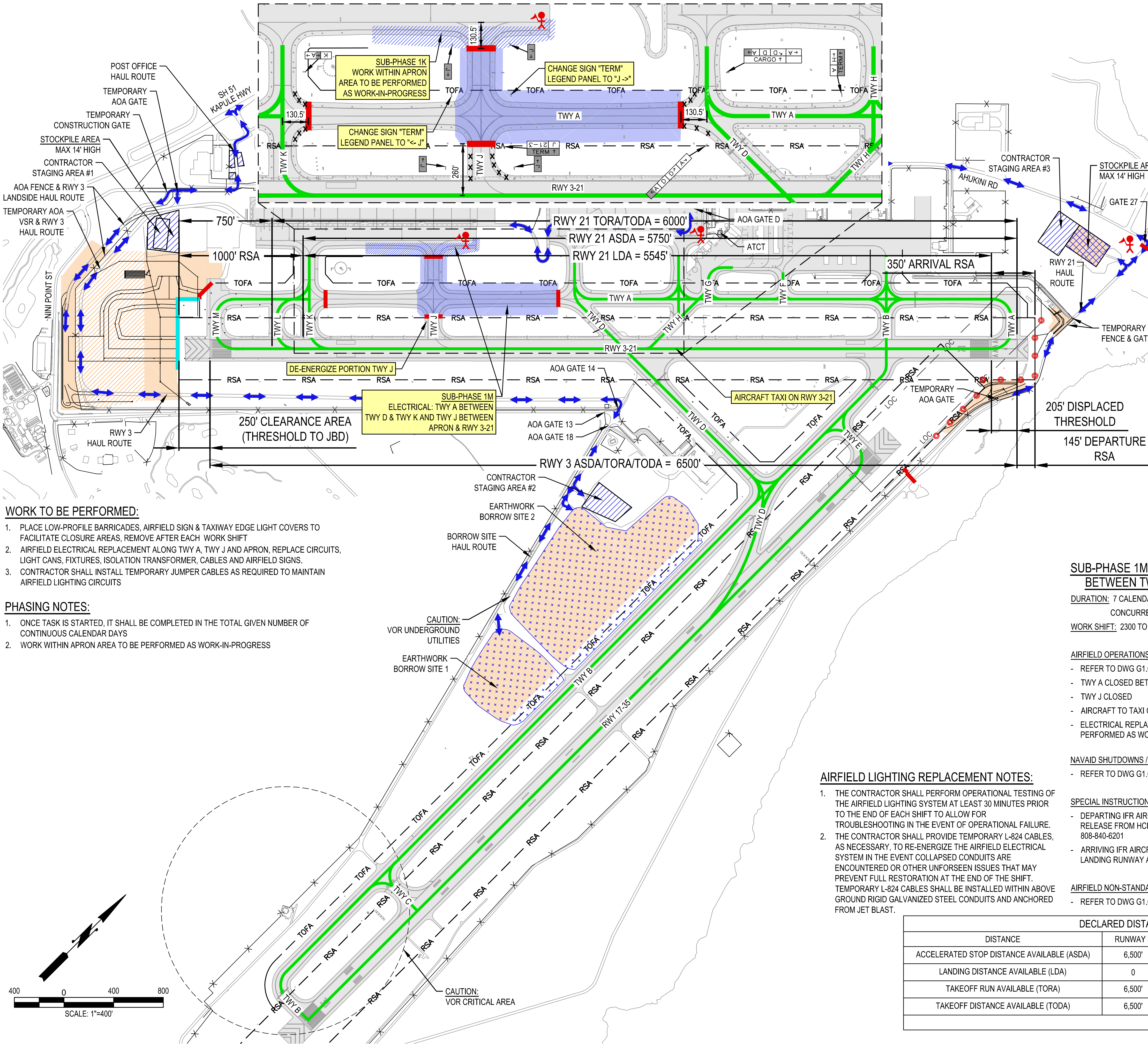
**AK1031-14**

SHEET TITLE:
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SUB-PHASE 1L  
(NIGHTTIME)

DATE :	DWG. NO.
<b>07/2022</b>	<b>G1.16</b>
SHEET :	
44 OF 376 SHEETS	





**LEGEND**

- RSA — RUNWAY SAFETY AREA
- ACTIVE AIRCRAFT ROUTES
- TEMPORARY PORTABLE JETBLAST DEFLECTOR
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**SUB-PHASE 1M (NIGHTTIME) - ELECTRICAL - TWY A BETWEEN TWY K & TWY D, TWY J & APRON**

DURATION: 7 CALENDAR NIGHTS  
CONCURRENT WITH PHASE 1

WORK SHIFT: 2300 TO 0800 HST

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- REFER TO DWG G1.01 FOR PHASE 1 NOTAMS
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- TWY J CLOSED
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- ELECTRICAL REPLACEMENT ALONG EDGE OF TERMINAL APRON TO BE PERFORMED AS WORK-IN-PROGRESS

**NAVAID SHUTDOWNS / NOTAMS:**

- REFER TO DWG G1.01 FOR PHASE 1 NOTAMS

**SPECIAL INSTRUCTIONS FOR ATIS:**

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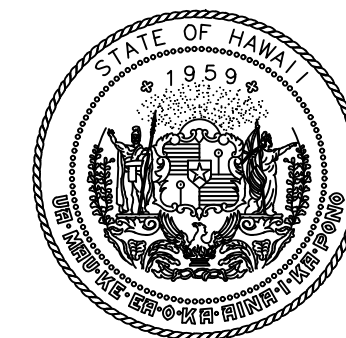
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- REFER TO DWG G1.01 FOR PHASE 1 CONDITIONS

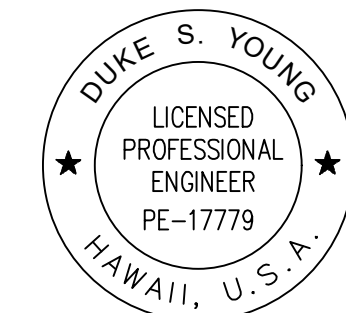
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Airports Division  
DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII



*Duke Young* 4/30/24  
DUKE YOUNG, PE  
CIVIL ENGINEER  
Expiration Date

DSGN.	DRWN.	CHKD.	APPD.
HF	HT	JB	DY

**KEY PLAN / NOTES:**

NO.	DATE	REVISIONS
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**CONSTRUCTION DOCUMENTS**

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**PROJECT TITLE :**

**RELOCATE  
RUNWAY 3-21**

AT  
LIHUE AIRPORT  
LIHUE, KAUAI, HAWAII

**PROJECT NO.:**

**AK1031-14**

**SHEET TITLE:**

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(NIGHTTIME)**

DATE :	DWG. NO.
07/2022	G1.17
SHEET :	
45 OF 376 SHEETS	